RIO GRANDE VALLEY
METROPOLITAN PLANNING ORGANIZATION (RGVMPO)

TECHNICAL ADVISORY COMMITTEE MEETING

THURSDAY, October 10, 2019 AT 10:00 A.M.
KEN JONES BOARDROOM
301 WEST RAILROAD - WESLACO

AGENDA

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I. CALL TO ORDER

II. ROLL CALL

III. PUBLIC COMMENTS

IV. PRESENTATION, ACTION AND DISCUSSION ITEMS

A. Consideration and Action to Approve the Minutes of September 10, 2019
B. Consideration and Action to approve the Highway TIP
C. Consideration and Action to approve the Transit TIP
D. Consideration and Action to approve the 2045 MTP
E. Consideration and Action to approve and Execute Contract with CoPlan for a Region Congestion Study
F. Consideration and Action to approve and Execute Contract with Alliance Transportation Group for Long Range Plan, Bike-Ped Plan and Long-Range Transit Plan.
G. Consideration and Action to approve the Selection of CMP and MTP Sub-Committee Members
H. Discussion and Update of Title VI Documents

V. RGVMPO STAFF REPORTS AND UPDATES

VI. STATUS REPORTS

A. TxDOT Project Status Reports
B. Cameron County RMA
C. Hidalgo County RMA
D. McAllen Metro
E. Brownsville Metro
F. Valley Metro

VII. NEW OR UNFINISHED BUSINESS

VIII. ADJOURNMENT

Rio Grande Valley Metropolitan Planning Organization
Technical Advisory Committee Meeting
Minutes
September 10, 2019

I) CALL TO ORDER

Adrian Rincones, Cameron County RMA called the meeting to order at 10:04 am. The RGVTAC Meeting was held at the Ken Jones Boardroom located at 301 West Railroad, Weslaco, Texas

II) ROLL CALL

RGVTAC Representatives in attendance were as follows:

MEMBERS PRESENT	
ENTITY	**VOTING MEMBERS**
Cameron County RMA	Adrian Rincones
City of Mission	Robert Salinas, P.E.
City of Brownsville	Mark Lund
City of Edinburg	Tom Reyna
City of Harlingen	Gabriel Gonzalez
City of McAllen	Patrizia Longoria
City of Pharr	Com. Eleazar Guajardo
City of San Benito	Arturo Garza, III
Cameron County	Frank Gudino
Hidalgo County	Anthony Garza
TxDOT Pharr District	Melba Schaus
Valley Metro	Frank Jaramillo
Brownsville Metro	Norma Zamora
McAllen Metro	Jon Ray Bocanegra
Port of Brownsville	ABSENT
Port of Harlingen	Neil Haman
Port Isabel-San Benito Navigation District	ABSENT
Hidalgo County RMA	Eric Davila
Cameron County Spaceport Dev. Corp.	ABSENT
NON-VOTING MEMBERS	
LRGVDC	Ron Garza
Harlingen/San Benito MPO	J. Joel Garza
Hidalgo County MPO	Andrew A. Canon
Federal Highways Administration	
Federal Transportation Administration	

III) PUBLIC COMMENTS

NONE

IV) PRESENTATION, ACTION AND DISCUSSION ITEMS

Mr. Ron Garza noted that he would like to discuss an item out of order "RGVTAC Meetings". At the last RGVTPB meeting it was voted by the Policy Members to hold the RGVTAC Meetings the second Tuesday of each month at 10:00 AM. After carefully considering that day (Tuesday), it seems it coincide with other meetings, especially with the Commissioners' Court for both Hidalgo and Cameron County. Mr. Garza would like to recommend to the RGVTPB, to hold the RGVTAC Meetings every second Thursday of the month at 10:00, at the Ken Jones Boardroom. ***After some discussion on this item, The City of Pharr made motion to recommend to the RGVTPB, to move the RGVTAC Meetings to the Second Thursday of the month, at 10:00 AM; at the Ken Jones Boardroom, for consideration and approval. The motion was seconded by the City of Harlingen; and upon a vote, the motion carried unanimously.***

Mr. Garza noted if any TAC member still not receiving the distribution email for the upcoming RGVTAC and RGVTPB meetings, please contact staff. Also, effective October 1, 2019, all RGVTAC and RGV Policy (Packets and links) will be posted on the new RGVMPO Webpage.

A. Consideration and Action to Approve the Minutes of July 25, 2019

- Mr. Rincones asked if there were any corrections to the minutes of July 25, 2019 as presented by staff**.** Mark Lund had a correction remove ***"~~NOT~~"*** from his following statement**.** ***"***Mr. Mark Lund noted that FY 2020-21 UPWP document for RGVMPO does ~~**not**~~ list B Metro's 5307 transit activities. Mr. Lund also noted BMPO and B Metro staff did ~~**not**~~ pursue having the 5307 activities incorporated into the RGVMPO UPWP on an arbitrary basis, which staff was instructed to do so by FTA". Melba Schaus, TxDOT had a correction…"**Shaus"** should read as…**"Schaus"**. ***No further discussion took place regarding the Minutes of July 25, 2019, the City of Harlingen made a motion approve the Minute of July 25, 2019 with corrections noted. The motion was seconded by Cameron County; and upon a vote, the motion carried unanimously.***

B. Consideration and Action on MOU Regarding Performance Based Planning for RGVMPO Transit Providers (Brownsville-McAllen-Valley Metro)

- Andrew Canon provided to the RGVTAC Committee members present the updated RGVMPO MOU Performance Based Planning for (Brownsville-McAllen-Valley Metro) Transit Providers. The purpose of this Memorandum of Understanding (MOU) is to make provision for cooperative mutual responsibilities in carrying out the Metropolitan Planning Process and Performance Based Planning and Programming in the Rio Grande Valley MPA and to provide a single agreement between the State of Texas acting through the Texas Department of Transportation (TxDOT), Rio Grande Valley MPO (RGVMPO), Brownsville Metro, Metro McAllen, and Valley Metro in accordance with current Federal Legislation and as required by 23 CFR 450.314***. After some discussion on this item, the City of Pharr made a motion to recommend the MOU Performance Based Planning for RGVMPO Transit Providers (Brownsville-McAllen-Valley Metro) as presented by staff to the RGVTPB Committee for their consideration and approval. The City of Edinburg seconded the motion; and upon a vote, the motion passed unanimously.***

C. Consideration and Action on RFP for Region Wide Congestion Management (CMP) Process

- Mr. Andrew Canon informed the RGVTAC Committee members present that a Letter from the Lower Rio Grande Valley Development Council (LRGVDC) was issued to advertise and solicit "Request for Proposals (RFP)" for a Region Wide Congestion Management Process (CMP). The LRGVDC received one (1) submittal from CoPlan for consideration. CoPlan has performed CMP studies for all 3 regions of the RGV, Brownsville, Harlingen-San Benito and Hidalgo County in previous years. Although the RFP references the HCMPO, as you will recall we were given guidance and approval by TxDOT and FHWA to expand the contract to incorporate the region for a true Regional CMP. In compliance with the LRGVDC procurement procedures, staff is requesting approval to request for a cost break down from CoPlan and begin a cost analysis for possible approval to enter into contract at the October 2019 meeting.

  Andrew Canon noted that TTI Consultants will be contracted to come and do an assessment to determine the staffing need for the new RGVMPO. Ron Garza noted the other two entities staffing vacancies are (Brownsville MPO is (4) and Harlingen MPO is (2), recommendation would be to have at least 10 – 12 employees for the new RGVMPO.

  After some discussion on this item, the City of Pharr made a motion to approve the RFP for the Region Wide Congestion Management (CMP) Process as presented by staff to the RGVTPB Committee for their consideration and approval. The City of Mission seconded the motion; and upon a vote, the motion passed unanimously.

D. Consideration and Action on the Public Participation Plan (PPP)

- J. Joel Garza provided to the RGVTAC Committee present the final Public Participation Plan and was made part of the packet. The Public Participation Plan includes the process of how to advertise for PPP, MTP and UPWP. The Public Participation Plan (PPP) is intended to provide direction for public involvement activities to be conducted by the RGVMPO. The PPP includes descriptions of the roles and responsibilities of the RGVMPO and other agencies in the Public Involvement Process. The PPP also lists public involvement techniques that could be used by the RVGMPO to encourage the public to engage in the planning process. As a part of the 45-day public involvement process, the RGVMPO is giving notice of the new RGVMPO Public Participation Plan. Also listed in the PPP are how /where Public Meetings will be held in each respective region (Hidalgo, Harlingen and Brownsville). This information was made available for public review and comment from July 26th - Sept 8, 2019. ***After some discussion on this item, the City of Brownsville made a motion to recommend the Public Participation Plan (PPP) presented by staff to the RGVTPB Committee for their consideration and approval. The City of Pharr seconded the motion; and upon a vote, the motion passed unanimously.***

E. Discussion and Action on Performance Measures for PM1, PM2, and PM3

- Andrew Canon provided to the RGVTAC Committee present Resolutions to adopt State Performance Targets (PM1), Infrastructure Condition, Asset Management (PM2) and System Performance, Freight and CMAQ (PM3) as set forth by the Texas Department of Transportation. Andrew Canon concluded by letting RGVTAC members know that all three MPO's agree with these Performance Measures. **No** ***discussion took place on this item, Cameron County made a motion to recommend the Performance Measures for PM1, PM2, and PM3 as presented by staff to the RGVTPB Committee for their consideration and approval. The City of Harlingen seconded the motion; and upon a vote, the motion passed unanimously***

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F. Consideration and Action Request to Begin Cost Negotiations on MTP RFP Submittals

- Mr. Canon provided an update on the MTP RFP and stated that only one proposal has been received to-date for the Long-Range Plan. *Staff is asking RGVTAC members, if no other proposals are submitted prior to the deadline, can staff move forward with cost negotiations. Should there be other proposals submitted, than staff would present those to RGVTPB for their consideration and approval at the October meeting.* ***After some discussion on this item, Hidalgo County made motion to move forward with staff recommendation, if; other proposals are received prior to the deadline, they will be presented to RGVTPB for their consideration and approval at their October meeting. The City of Pharr seconded the motion; and upon a vote, the motion passed unanimously.***

G. Consideration and Action on the 2020-2021 UPWP (Staff Budget)

- J. Joel Garza provided to RGVTAC members present a brief update on the Final 2020-2021 UPWP, staff will be seeking RGVTPB approval at their September 25, 2019 Board meeting. J. Joel Garza noted that in the current 2020-2021 UPWP document B Metro's 5307 transit is listed and highlighted in "Red**. No *discussion took place on this item, the City of Harlingen made a motion to recommend the 2020-2021 UPWP as presented by staff to the RGVTPB Committee for their consideration and approval. The City of Edinburg seconded the motion; and upon a vote, the motion passed unanimously***

H. Consideration and Action on the RGVMPO Draft Bicycle Plan

- J, Joel Garza gave a brief update and noted that all three MPOs' Bicycle Plans were incorporated in the RGVMPO Bicycle Plan and will also be part of the PPP, MTP and UPWP documents. A Bicycle (BPAC) Planning Committee will also be selected at later date, which will also include representatives from all three regions (Hidalgo, Brownsville and Harlingen***). No further discussion took place on this item, the City of Pharr made a motion to recommend the RGVMPO Bicycle Plan as presented by staff to the RGVTPB Committee for their consideration and approval. The City of Harlingen seconded the motion; and upon a vote the motion passed.***

- Ron Garza made an announcement to the RGVTAC members present that the LRGVDC received a Supplemental Award in the amount of $115,989 from Valley Baptist Legacy Foundation for 16 Trail Counters. Valley Baptist Legacy Foundation also funded part Regional Bike Share Program. ***Report only, no action taken at this time****.*

V) RGVMPO STAFF REPORT AND UPDATES

*** MTP/TIP Update**

RGVMPO FY2019-22 Transit TIP and Financial Summary

Andrew Canon noted that staff has been working collectively with Harlingen and Brownsville to update the MTP/TIP and Long-Range Plan and provided the Financial Summaries for their review. Andrew noted that Federal Highway and TxDOT and were pleased to know that the three MPO's Staffing work in collaboration on all these documents and were completed prior to the deadline.

Mr. Lund noted that staff would like clarification on projects that did not Lett Fiscal Year End 2019, when will they be moved over into Fiscal Year 2020. When these projects are moved, RGVMPO would than do an Administrative TIP Modification? Melba Schaus with TxDOT noted because of the current situation with the Merger, these projects will not be moved in the next few months Administratively, mostly because the portal might not be up and running from MPO to RGV. These projects however are in the TIP and will not jeopardized the projects from Letting. TxDOT will be contacting TP&P for guidance and contact RGVTAC with a response as soon as possible.

MTP - J Joel Garza noted that the consultant has been working on the various chapters for the current Draft MTP and it is currently being reviewed by staff and will be brought forth at the next RGVTAC meeting for approval.

VI) STATUS REPORTS

A. TxDOT Project Status Reports

Melba A. Schaus with TxDOT provided an updated report on projects within the RGVMPO area. Monthly Letting Projects listed was two projects in October 2019 and one Project in August 2020, which were added capacity projects. TxDOT Monthly Letting Report is filed with the September 10, 2019 RGVTAC packet. ***Report only, no action taken at this time****.*

B. Cameron County RMA

- Adrian Rincones, Cameron County RMA provided a presentation on projects that are currently within the Cameron County RMA. All projects are moving forward as scheduled and Cameron County RMA monthly report is filed with the September 10, 2019 RGVTAC Packet. ***Report only, no action taken at this time****.*

C. Hidalgo County RMA

- Eric Davila, Chief Development Engineer with Hidalgo County RMA provided an overview on the following projects: 1) 365 Toll Project; 2) IBTC Project; 3) Overweight Permit Summary; and 4) Construction Economic Update. All projects are currently with in the Hidalgo County RMA and all projects continue to move forward. Hidalgo County RMA monthly report is filed with the September 10, 2019 RGVTAC Packet. ***Report only, no action taken at this time****.*

D. McAllen Metro

- Jon Ray Bocanegra provided a brief update to RGVTAC Members present and noted that Ridership Report covers from October 2018 to July 2019. McAllen Metro monthly report is filed with the September 10, 2019 RGVTAC Packet. ***Report only, no action taken at this time****.*

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E. Brownsville Metro

- Norma Zamora provided an updated Brownsville Metro Report and informed RGVTAC Members present that Brownsville Metro have applied for Tiger Funds in the amount of $2.6 Million. Ms. Zamora concluded by letting RGVTAC Members know that Brownsville Metro will also be applying for Rider 38 funds. ***Report only, no action taken at this time.***

F. Valley Metro

- Frank Jaramillo provided a brief update to RGVTAC Members present and noted that Ridership continues to be study, aside the from school being out for the summer. Valley Metro Report is filed with the September 10, 2019 RGVTAC Packet. *Report only, no action taken at this time.*

VII) NEW OR UNFINSHED BUSINESS

Rider 38 – Mrs. Schaus shared some information regarding Rider 38 Application, stated in the document, there is 20MIL allotted for each fiscal year of the biennium. A few things to remember about the Rider 38 program:

- Deadline to turn in application(s) is December 3, 2019, no exceptions.
- All applicants must work with their local TxDOT District office regarding the project(s) they wish to nominate.
- There are a couple of sections you will need to get the information from your TxDOT District office in order to complete.
- All applications will need to be turned in to the respective TxDOT District office and a copy sent to the Maritime Division (Stephanie.cribbs@txdot.gov). The district office will then forward their ranking of all applications in their district area to the Maritime Division.
- TxDOT District staff will be providing scoring criteria at a later date in order to rank the projects for their district area.
- Please complete one application per project.
- Please feel free to duplicate the application.
- All applications must be sent electronically.

Ms. Schaus concluded by letting RGVTAC Members know that she will be sending the Rider 38 application to MPO Staff for them to email to all RGV TAC Members.

VIII) ADJOURNMENT:

- ***There being no further business to come before the RGVTAC, Adrian Rincones called for a motion to adjourn. The City of Pharr made a motion to adjourn the meeting at 11:15 AM. The motion was seconded by City of Pharr; and upon a vote, the motion carried unanimously.***

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Brownsville Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

Funding by Category

		FY 2019		FY 2020		FY 2021		FY 2022		Total FY 2019 - 2022	
Category	Description	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2M or 2U	Urban Area (Non- TMA) Corridor Projects	$ 3,000,000	$ 3,000,000	$ 14,000,000	$ 14,000,000	$ 10,000,000	$ 10,000,000	$ -	$ -	$ 27,000,000	$ 27,000,000
3	Non-Traditionally Funded Transportation Project	$ 848,971	$ 848,971	$ 859,080	$ 859,080	$ 359,080	$ 359,080	$ 3,055,000	$ 3,055,000	$ 5,122,131	$ 5,122,131
4	Statewide Connectivity Corridor Projects	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	CMAQ	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Structures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	Metro Mobility & Rehab	$ 1,586,550	$ 1,586,550	$ 12,948,000	$ 12,948,000	$ -	$ -	$ 28,493,985	$ 28,493,985	$ 43,028,535	$ 43,028,535
8	Safety	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
9	TAP / TASA	$ 810,161	$ 810,161	$ 640,000	$ 640,000	$ 640,000	$ 640,000	$ 386,012	$ 386,012	$ 2,476,173	$ 2,476,173
10	Supplemental Transportation	$ 208,394	$ 208,394	$ -	$ -	$ -	$ -	$ 7,411,515	$ 7,411,515	$ 7,619,909	$ 7,619,909
10 CBI	Corridor Border	$ -	$ -	$ 5,302,000	$ 5,302,000	$ -	$ -	$ -	$ -	$ 5,302,000	$ 5,302,000
11	District Discretionary	$ 876,028	$ 876,028	$ -	$ -	$ -	$ -	$ -	$ -	$ 876,028	$ 876,028
12	Strategic Priority	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12S	Cat 7 Reconciliation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SBPE	Strategy Budget PE	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SB 102	Strategy 102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Total	$ 7,330,104	$ 7,330,104	$ 33,749,080	$ 33,749,080	$ 10,999,080	$ 10,999,080	$ 39,346,512	$ 39,346,512	$ 91,424,776	$ 91,424,776

Funding Participation Source

Source	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 19-22
Federal	$ 5,184,866	$ 26,312,000	$ 8,512,000	$ 30,287,814	$ 70,296,680
State	$ 600,000	$ 2,950,000	$ 2,000,000	$ 3,282,699	$ 8,832,699
*Local Match	$ 696,267	$ 3,628,000	$ 128,000	$ 5,775,999	$ 10,228,266
CAT 3 - Local Contributions (LC)	$ 848,971	$ 859,080	$ 359,080	$ -	$ 2,067,131
Other - Strategy 102 Budget	$ -	$ -	$ -	$ -	$ -
Total	$7,330,104	$33,749,080	$10,999,080	$39,346,512	$91,424,776

Annotations

1. *Local Match should be a percent of participation on a specific category of funding except non-traditional funding.
2. The TIP financial summary should be a total of all projects currently within your TIP, excluding grouped projects.
3. You can add / delete funding source rows as needed.
4. All non-traditional programmed amount should equal all non-traditional (CAT 3) funding source amounts

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-303	VA	C,E	BROWNSVILLE	CITY OF BROWNSVILLE	$300,803

LIMITS FROM: BROWNSVILLE BIKE/PED IMPROVEMENTS
LIMITS TO: VARIOUS ROADS
PROJECT DESCRIPTION: CONSTRUCTION OF SIDEWALK, CROSSWALK, & PAVED SHARED USE PATHS FOR TRAILS FOR PEDESTRIAN & BICYCLE FACILITES
REMARKS: THE CONSTRUCTION COST INCLUDES THE ENGINEERING SERVICES.
P7: PROJECT ENTAILS SAFETY IMPROVEMENTS IN THREE BROWNSVILLE AREAS

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-TE13
FUNDING CAT(S): 9
PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$14,739
ROW PURCHASE:	
CONST COST:	$300,803
CONST ENG:	$19,191
CONTING:	$0
IND COSTS:	$19,191
BND FINANCING:	$0
TOTAL PROJECT COST:	$353,924

COST OF APPROVED PHASES: **$300,803**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9	$240,642		$60,161		$300,803
TOTALS	**$240,642**	**$0**	**$60,161**	**$0**	**$300,803**

PHARR	CAMERON	0921-06-304	CS	C,E	BROWNSVILLE	CITY OF BROWNSVILLE	$812,862

LIMITS FROM: B-METRO EASTSIDE TRANSFER STATION
LIMITS TO: AT JOSE COLUNGA JR. & BILLY MITCHELL
PROJECT DESCRIPTION: CONSTRUCT BUS FACILTIY CONSISTING OF PAVING, CURB & GUTTER, DRAINAGE STRUCTURES, CANOPY, LIGHTING & STRIPING, LANDSCAPE AND IRRIGATION
REMARKS: THE CONSTRUCTION COST INCLUDES THE ENGINEERING SERVICES. ADMINISTRACTIVE AMENDMENT 10/2018 - CHANGE FUNDING CATEGORY FROM NONE TO 3LC AND MOVED $303,504 FUNDS
P7: FROM LOCAL MATCH TO LOCAL CONTRIBUTION.

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO- TE14
FUNDING CAT(S): CAT 9, CAT 3 LOCAL
PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$39,830
ROW PURCHASE:	$0
CONST COST:	$812,862
CONST ENG:	$51,861
CONTING:	$10,486
IND COSTS:	$51,861
BND FINANCING:	$0
TOTAL PROJECT COST:	$966,900

COST OF APPROVED PHASES: **$812,862**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9	$407,486		$101,872		$509,358
CAT 3 LOCAL				$303,504	$303,504
TOTALS	**$407,486**	**$0**	**$101,872**	**$303,504**	**$812,862**

PHARR	CAMERON	0921-06-275	BND PORT ROADS	C	BROWNSVILLE	BND	$1,629,889

LIMITS FROM: WITHIN THE PORT OF BROWNSVILLE
LIMITS TO: WITHIN THE PORT OF BROWNSVILLE
PROJECT DESCRIPTION: CONSTURCTION OF INTERNAL PORT ROADS- PHASE II
REMARKS: ALSO CALLED INTERNAL PORT ROADS. CAT 11 (RIDER 11B)-
P7: $876,028

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-PP2
FUNDING CAT(S): CAT 10, RIDER 11B, CAT 3 LOCAL
PROJECT HISTORY: ADMINISTRATIVE TIP REVISION: ORIGINAL AMOUNT OF CAT 10 FUNDS ($1,084,422) IS NOW COMBINATION OF ONE ORIGINAL EARMARK ($208,394) AND NEW CAT 11-RIDER 11B

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$30,000
ROW PURCHASE:	
CONST COST:	$1,629,889
CONST ENG:	$200,000
CONTING:	
IND COSTS:	$111,114
BND FINANCING:	
TOTAL PROJECT COST:	$1,971,003

COST OF APPROVED PHASES: **$1,629,889**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10	$166,715		$41,679		$208,394
CAT 11 (RIDER 11B)	$700,823		$175,205		$876,028
CAT 3 LC				$545,467	$545,467
TOTALS	**$867,538**	**$0**	**$216,884**	**$545,467**	**$1,629,889**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-291	MORRISON RD	E	BROWNSVILLE	CCRMA	$500,000

LIMITS FROM: ON MORRISON RD FM 1847
LIMITS TO: FM 511
PROJECT DESCRIPTION: CONSTRUCT 4 LANE URBAN ROADWAY. ROADWAY STUDY (PHASE III - ADDITIONAL FUNDING)
REMARKS CS- MORRISON RD ROADWAY STUDY (VARIOUS STUDY PHASES) 'E'
P7: PHASE- PRELIMINARY ENGINEERING

REVISION DATE: 2_2019
MPO PROJ NUMBER: BMPO-E3
FUNDING CAT(S): CAT 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$500,000	COST OF
ROW PURCHASE:	$150,000	APPROVED
CONST COST:	$21,000,000	PHASES:
CONST ENG:	$900,000	$500,000
CONTING:	$200,000	
IND COSTS:	$150,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$22,900,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$400,000		$100,000		$500,000
TOTALS	$400,000	$0	$100,000	$0	$500,000

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-314	OLD ALICE RD	E	BROWNSVILLE	CAMERON COUNTY	$350,000

LIMITS FROM: SH 550
LIMITS TO: INTERSECTION OF OLD ALICE RD @SPORT PARK BLVD
PROJECT DESCRIPTION: ROADWAY STUDY FOR A 4 LANE URBAN ROADWAY (PHASE II)
REMARKS ADMINISTRAVE AMENDMENT 7_2019- UPDATE TPC
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-E22
FUNDING CAT(S): CAT 7
PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$350,000	COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$3,000,000	PHASES:
CONST ENG:	$330,000	$350,000
CONTING:	$195,000	
IND COSTS:		
BND FINANCING:	$0	
TOTAL PROJECT COST:	$3,875,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$280,000		$70,000		$350,000
TOTALS	$280,000	$0	$70,000	$0	$350,000

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-292	CS	E	LOS FRESNOS	CCRMA	$380,300

LIMITS FROM: FM 1575
LIMITS TO: FM 1847
PROJECT DESCRIPTION: PROPOSED 2 LANE ROADWAY WITH CONTINOUS LEFT TURN LANE. E=PRELIMINARY ENGINEERING (STUDY PHASE)
REMARKS CS: WHIPPLE RD. ADMIN. AMEND. 1/2019 - CHANGED CITY NAME
P7: TO LOS FRESNOS ADMIN. AMEND 7/2019 UPDATED TPC INFO

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO - E5
FUNDING CAT(S): CAT 7
PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$380,300	COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$4,000,000	PHASES:
CONST ENG:	$440,000	$380,300
CONTING:	$260,000	
IND COSTS:		
BND FINANCING:	$0	
TOTAL PROJECT COST:	$5,080,300	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$304,200		$76,100		$380,300
TOTALS	$304,200	$0	$76,100	$0	$380,300

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0220-05-075	SH 48	C	BROWNSVILLE	TxDOT	$3,000,000

LIMITS FROM: IH -69E
LIMITS TO: SH 4
PROJECT DESCRIPTION: INSTALL RAISED CENTER MEDIAN
REMARKS: SH 48 IS KNOWN AS BOCA CHICA BLVD
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-F3
FUNDING CAT(S): CAT 2M

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$147,000	COST OF
ROW PURCHASE:	$3,000,000	APPROVED
CONST COST:	$148,800	PHASES:
CONST ENG:	$171,900	$3,000,000
CONTING:		
IND COSTS:		
BND FINANCING:	$0	
TOTAL PROJECT COST:	$3,467,700	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2M	$2,400,000	$600,000			$3,000,000
TOTALS	**$2,400,000**	**$600,000**	**$0**	**$0**	**$3,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-280	N/A	C	BROWNSVILLE	CITY OF BROWNSVILLE	$356,250

LIMITS FROM: MANZANO ST.
LIMITS TO: LA POSADA DR. NEAR NONTEZUMA CYPRESS PRESERVE
PROJECT DESCRIPTION: ESTABLISH A CONCRETE 10' WIDE TRAIL (LENGTH: 0.8 MILES) PHASE I
REMARKS: SOUTHMOST NATURE TRAIL PHASE I
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-ST1
FUNDING CAT(S): 7

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:		COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$356,250	PHASES:
CONST ENG:	$18,750	$356,250
CONTING:	$26,250	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$401,250	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$285,000		$71,250		$356,250
TOTALS	**$285,000**	**$0**	**$71,250**	**$0**	**$356,250**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-288	SOUTH PORT CONNECTOR	C,E	BROWNSVILLE	BND	$16,500,000

LIMITS FROM: ON SOUTH PORT CONNECTOR, FROM OSTOS RD
LIMITS TO: SH 4
PROJECT DESCRIPTION: CONSTRUCT DIRECT CONNECTOR AT PORT OF BROWNSVILLE
REMARKS P7: PROJECT IS KNOWN AS "THE SOUTH PORT CONNECTOR". THE SOUTH PORT CONNECTOR WILL TERMINATE AT A PORT GATE, NEAR OSTOS RD. CS- SOUTH PORT CONNECTOR ADMIN. AMENDMENT 10/2018 - CHANGE OF HWY NAME TO CS AND CHANGE OF FUNDING TYPE FROM OTHER TO CAT 10.

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-P1
FUNDING CAT(S): CAT 7, 10CBI

PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$513,700
ROW PURCHASE:	
CONST COST:	$16,500,000
CONST ENG:	$600,000
CONTING:	$640,000
IND COSTS:	$1,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$18,254,700

COST OF APPROVED PHASES: **$16,500,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$8,958,400		$2,239,600		$11,198,000
10CBI	$4,241,600		$1,060,400		$5,302,000
TOTALS	**$13,200,000**	**$0**	**$3,300,000**	**$0**	**$16,500,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	1140-02-038	FM 802	C,E	BROWNSVILLE	TxDOT	$14,000,000

LIMITS FROM: FM 1847
LIMITS TO: OLD PORT ISABEL RD
PROJECT DESCRIPTION: PROPOSED 6 LANES WITH RAISED CENTER MEDIAN
REMARKS P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-TT1
FUNDING CAT(S): CAT 2

PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$686,000
ROW PURCHASE:	
CONST COST:	$14,000,000
CONST ENG:	$694,400
CONTING:	$278,600
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$15,659,000

COST OF APPROVED PHASES: **$14,000,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$11,200,000	$2,800,000			$14,000,000
TOTALS	**$11,200,000**	**$2,800,000**	**$0**	**$0**	**$14,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-313	N/A	C,E	BROWNSVILLE	TxDOT	$500,000

LIMITS FROM: PORT OF ENTRY
LIMITS TO: PORT OF ENTRY
PROJECT DESCRIPTION: EXPANSION OF PRIMARY INSPECTION LANES FOR PASSENGER VEHICLES AT THE VETERANS INTERNATIONAL BRIDGE AT LOS TOMATES
REMARKS P7: THESE LANES ARE WITHIN THE GENERAL SERVICE ADMINISTRATION (GSA) FACILITY AT THE INTERNATIONAL BRIDGE

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-CCR2
FUNDING CAT(S): 3LC

PROJECT HISTORY: AUGUST 2019 REVISION: REMOVE C PHASE, CHANGE TIP FY AND REMOVE CAT FUNDING.

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$500,000
ROW PURCHASE:	
CONST COST:	$13,134,449
CONST ENG:	$1,444,396
CONTING:	$898,345
IND COSTS:	
BND FINANCING:	
TOTAL PROJECT COST:	$15,977,190

COST OF APPROVED PHASES: **$500,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
3LC				$500,000	$500,000
TOTALS	**$0**	**$0**	**$0**	**$500,000**	**$500,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0039-16-070	IH 69E	E	BROWNSVILLE	CAMERON COUNTY RMA	$750,000

LIMITS FROM: 0.5 MI SOUTH OF UNIVERSITY BLVD.
LIMITS TO: 0.5 MI NORTH OF UNIVERSITY BLVD
PROJECT DESCRIPTION: CONSTRUCT A GRADE SEPARATION
REMARKS
P7:

REVISION DATE: 8_2019
MPO PROJ NUMBER: BMPO-CCR3
FUNDING CAT(S): CAT 7,

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$750,000	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$15,000,000	PHASES:
CONST ENG:	$750,000	$750,000
CONTING:	$750,000	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$17,250,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$600,000	$150,000			$750,000
TOTALS	**$600,000**	**$150,000**	**$0**	**$0**	**$750,000**

PHARR	CAMERON	0921-06-322	NA	C	BROWNSVILLE	BROWNSVILLE	$999,080

LIMITS FROM: 2.0 MILES NORTH OF FM 511/FM 1847 INT.
LIMITS TO: ALONG CANAL, 0.7 MI E, 0.38 MI N, 3 MI W
PROJECT DESCRIPTION: CONSTRUCT 10' HIKE AND BIKE TRAIL BETWEEN BROWNSVILLE AND LOS FRESNOS
REMARKS PHASE 1
P7:

REVISION DATE: 8_2019
MPO PROJ NUMBER: BMPO-BL1
FUNDING CAT(S): 9TAP, 3LC

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$48,954	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$999,080	PHASES:
CONST ENG:	$0	$999,080
CONTING:	$19,882	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$1,067,916	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9	$512,000		$128,000		$640,000
3 LC				$359,080	$359,080
TOTALS	**$512,000**	**$0**	**$128,000**	**$359,080**	**$999,080**

PHARR	CAMERON	0684-01-068	SH 550	E	BROWNSVILLE	CAMERON COUNTY RMA	$1,000,000

LIMITS FROM: 0.203 MI S OF FM 1847
LIMITS TO: 1.13 MI SE OF UPRR OVRPSS FM 3248
PROJECT DESCRIPTION: CONSTRUCT CONTROLLED ACCESS TOLLED FACILITY, LENGTH APPROX. 3.9 MI
REMARKS
P7:

REVISION DATE: 8_2019
MPO PROJ NUMBER: BMPO-CCR1
FUNDING CAT(S): CAT 7,

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,000,000	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$14,868,497	PHASES:
CONST ENG:	$1,631,503	$1,000,000
CONTING:	$743,425	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$18,243,425	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$800,000		$200,000		$1,000,000
TOTALS	**$800,000**	**$0**	**$200,000**	**$0**	**$1,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2021

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-324	CS	C	BROWNSVILLE	CITY OF BROWNSVILLE	$999,080

LIMITS FROM: PHASE I TERMINUS, 1 MILE NORTH
LIMITS TO: 0.38 MILES WEST, 0.1 MILES NORTH
PROJECT DESCRIPTION: CONSTRUCT 10" HIKE AND BIKE TRAIL BETWEEN BROWNSVILLE AND LOS FRESNOS
REMARKS
P7:

REVISION DATE: 08_2019
MPO PROJ NUMBER: BMPO -BL2
FUNDING CAT(S): CAT 9, CAT 3LC

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$44,954
ROW PURCHASE:	
CONST COST:	$999,080
CONST ENG:	
CONTING:	$19,882
IND COSTS:	
POT CHG ORD	$25,024
BND FINANCING:	
TOTAL PROJECT COST:	$1,088,940

COST OF APPROVED PHASES: **$999,080**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9	$512,000		$128,000		$640,000
3LC				$359,080	$359,080
TOTALS	**$512,000**	**$0**	**$128,000**	**$359,080**	**$999,080**

PHARR	CAMERON	2717-01-027	FM 3248	C	BROWNSVILLE	TXDOT	$10,000,000

LIMITS FROM: ON FM 3248, FROM IH-69
LIMITS TO: FM 1847
PROJECT DESCRIPTION: CONSTRUCT 6 LANES WITH RAISED CENTER MEDIAN
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: MBPO-AG1
FUNDING CAT(S): 2M

PROJECT HISTORY:
N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$490,000
ROW PURCHASE:	
CONST COST:	$10,000,000
CONST ENG:	$496,000
CONTING:	$199,000
IND COSTS:	
BND FINANCING:	
TOTAL PROJECT COST:	$11,185,000

COST OF APPROVED PHASES: **$10,000,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
2M	$8,000,000	$2,000,000			$10,000,000
TOTALS	**$8,000,000**	**$2,000,000**	**$0**	**$0**	**$10,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-305	CS	E	BROWNSVILLE	CITY OF BROWNSVILLE	$312,500

LIMITS FROM: ON INDIANA AVENUE, FROM 0.1 MILE NORTH OF CALIFORNIA RD.
LIMITS TO: 0.62 MILE NORTH OF FM 1419 (SOUTHMOST RD)
PROJECT DESCRIPTION: REALIGNMENT, CONSTRUCT 2 LANE RURAL ROADWAY
REMARKS: PRELIMINARY ENGINEERING- STUDY PHASE. FM 511 IS ALSO KNOWN AS INDIANA AVE. ADMIN. AMENDMENT 10/2018- PROJECT SPONSOR CHANGE. ADMIN. AMENDMENT 4/2019 - UPDATE LIMITS TO MATCH DCIS, HWY NAME UPDATE 'CS' HIGHWAY 'CS' = FM511
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-E11
FUNDING CAT(S): CAT 7

PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$312,500
ROW PURCHASE:	$0
CONST COST:	$2,000,000
CONST ENG:	$100,000
CONTING:	$90,000
IND COSTS:	$20,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$2,522,500

COST OF APPROVED PHASES: **$312,500**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$250,000		$62,500		$312,500
TOTALS	**$250,000**	**$0**	**$62,500**	**$0**	**$312,500**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-207	N/A	C	BROWNSVILLE	TXDOT	$9,555,000

LIMITS FROM: VICINITY OF GSA FACILITY AT BROWNSVILLE
LIMITS TO: VETERANS INTERNATIONAL BRIDGE AT LOS TOMATES
PROJECT DESCRIPTION: CONSTRUCTION OF BORDER SAFETY INSPECTION FACILITY
REMARKS:
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-LS17
FUNDING CAT(S): CAT 10, 3LC, 10

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	
ROW PURCHASE:	$1,950,000
CONST COST:	$6,696,802
CONST ENG:	$600,000
CONTING:	$530,000
IND COSTS:	
BND FINANCING:	
TOTAL PROJECT COST:	$9,776,802

COST OF APPROVED PHASES: **$9,555,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10	$910,797	$227,699			$1,138,496
CAT 10	$5,361,504				$5,361,504
3LC		$3,055,000			$3,055,000
TOTALS	**$6,272,301**	**$3,282,699**	**$0**	**$0**	**$9,555,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-290	CS	E	BROWNSVILLE	CAMERON COUNTY	$750,000

LIMITS FROM: ON OLD ALICE ROAD, FROM SH 550
LIMITS TO: SH 100
PROJECT DESCRIPTION: CONSTRUCT 4 LANE URBAN ROADWAY
REMARKS: CS- OLD ALICE ROAD PHASR 'E' ROADWAY STUDY PHASE
P7: ADMINISTRATIVE AMENDMENT 07/2019- UPDATED TPC

REVISION DATE: 5_2019
MPO PROJ NUMBER: BMPO-E2
FUNDING CAT(S): CAT 7

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$750,000
ROW PURCHASE:	
CONST COST:	$12,000,000
CONST ENG:	$1,320,000
CONTING:	$780,000
IND COSTS:	
BND FINANCING:	
TOTAL PROJECT COST:	$14,850,000

COST OF APPROVED PHASES: **$750,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$600,000		$150,000		$750,000
TOTALS	**$600,000**	**$0**	**$150,000**	**$0**	**$750,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-289	N/A	C,E	BROWNSVILLE	CITY OF BROWNSVILLE	$6,968,000

LIMITS FROM: FM 1847 NEAR LOS EBANOS BLVD
LIMITS TO: LA POSADA DR/ MONSEES RD
PROJECT DESCRIPTION: CONSTRUCT 10" CONCRETE HIKE AND BIKE TRAIL
REMARKS: SOUTHMOST NATURE TRAIL PHASE II
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-ST2
FUNDING CAT(S): CAT 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:		COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$6,968,000	PHASES:
CONST ENG:	$341,432	**$6,968,000**
CONTING:	$139,360	
IND COSTS:	$2,000	
BND FINANCING:		
TOTAL PROJECT COST:	$7,450,792	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$5,574,400		$1,393,600		$6,968,000
TOTALS	**$5,574,400**	**$0**	**$1,393,600**	**$0**	**$6,968,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-293	WEST BOULEVARD	E	BROWNSVILLE	CITY OF BROWNSVILLE	$1,000,000

LIMITS FROM: PALM BLVD @CURRENT RAIL LINE
LIMITS TO: I-69 E SOUTHBOUND FRONTAGE RD W OF OLD ALICE
PROJECT DESCRIPTION: CONSTRUCT MULTI-MODAL FACILITY
REMARKS: E= PRELIMINARY ENGINEERING (STUDY PHASE) ADMIN AMENDMENT 04/2019 - CHANGE OF LETTING YEAR FROM FY 2019 TO FY 2022 ADMIN AMENDMENT 05/2019- CHANGE OF PROJECT SPONSOR TO CCRMA
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-E7
FUNDING CAT(S): CAT 7
PROJECT HISTORY: N/A

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,000,000	COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$10,000,000	PHASES:
CONST ENG:	$1,100,000	**$1,000,000**
CONTING:	$500,000	
IND COSTS:		
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,600,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$800,000		$200,000		$1,000,000
TOTALS	**$800,000**	**$0**	**$200,000**	**$0**	**$1,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-325	WEST BOULEVARD	C	LOS FRESNOS	CITY OF LOS FRESOS	$386,012

LIMITS FROM: ON WEST SIDE OF FM 1847 HENDERSON RD
LIMITS TO: 1ST STREET
PROJECT DESCRIPTION: CONSTRUCT SIDEWALK ON WEST SIDE OF FM 1847
REMARKS:
P7:

REVISION DATE: 8_2019
MPO PROJ NUMBER: BMP-BL3
FUNDING CAT(S): 9TAP
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$18,915	COST OF
ROW PURCHASE:		APPROVED
CONST COST:	$386,012	PHASES:
CONST ENG:		**$386,012**
CONTING:	$7,681	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$412,608	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9	$308,810		$77,202		$386,012
TOTALS	**$308,810**	**$0**	**$77,202**	**$0**	**$386,012**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Brownsville Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0684-01-068	SH 550	C,E	BROWNSVILLE	CCRMA	$16,500,000

LIMITS FROM: 0.203 MI S OF FM 1847
LIMITS TO: 1.13 MI SE OF UPRR OVRPSS FM 3248
PROJECT DESCRIPTION: CONSTRUCT CONTROLLED ACCESS TOLLED FACILITY; LENGTH APPROX. 3.9 MI
REMARKS: ADMINSTRATIVE AMENDMENT 07/2019-FUNDING CHANGE AND TIP FY. CONSTRUCTION AND CONSTRUCTION ENGINEERING PHASES= $165,00,000
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-RM6
FUNDING CAT(S): CAT 7
PROJECT HISTORY: TIP ADMINISTRATIVE MODIFICATION TO SHIFT $2,000,000 OF CAT 12 VRF MONIES TO CSJ#0684-01-067 SH 550 GAP 1 PROJECT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,000,000
ROW PURCHASE:	
CONST COST:	$14,868,497
CONST ENG:	$1,631,503
CONTING:	$743,425
IND COSTS:	
BND FINANCING:	$0
TOTAL PROJECT COST:	$18,243,425

COST OF APPROVED PHASES: $16,500,000

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$13,200,000		$3,300,000		$16,500,000
TOTALS	$13,200,000	$0	$3,300,000	$0	$16,500,000

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-315	SH-32/E. LOOP	E	BROWNSVILLE	CAMERON COUNTY RMA	$3,875,000

LIMITS FROM: I-69
LIMITS TO: SH 4
PROJECT DESCRIPTION: PRELIMINARY ENGINEERING & ACQUISITION OF ROW
REMARKS:
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: BMPO-E4
FUNDING CAT(S): CAT 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,500,000
ROW PURCHASE:	$286,515
CONST COST:	
CONST ENG:	
CONTING:	
IND COSTS:	
BND FINANCING:	
TOTAL PROJECT COST:	$1,786,515

COST OF APPROVED PHASES: $1,786,515

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$2,370,788		$592,697		$2,963,485
CAT 10	$911,515				$911,515
TOTALS	$3,282,303	$0	$592,697	$0	$3,875,000

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

Funding by Category

		FY 2019		FY 2020		FY 2021		FY 2022		Total FY 2019 - 2022	
Category	Description	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	$ -	$ -	$ 2,000,000	$ 2,000,000	$ -	$ -	$ 2,370,000	$ 2,370,000	$ 4,370,000	$ 4,370,000
2M or 2U	Urban Area (Non- TMA) Corridor Projects	$ 88,092,460	$ 88,092,460	$ 29,000,000	$ 29,000,000	$ -	$ -	$ 141,757,966	$ 141,757,966	$ 258,850,426	$ 258,850,426
3	Non-Traditionally Funded Transportation Project	$ 117,402,229	$ 117,402,229	$ 25,873,479	$ 25,873,479	$ 34,972,669	$ 34,972,669	$ 9,213,182	$ 9,213,182	$ 187,461,559	$ 187,461,559
4	Statewide Connectivity Corridor Projects	$ 170,800,001	$ 170,800,001	$ -	$ -	$ -	$ -	$ 77,590,000	$ 77,590,000	$ 248,390,001	$ 248,390,001
5	CMAQ	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Structures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	Metro Mobility & Rehab	$ 49,559,526	$ 67,154,278	$ 10,570,000	$ 18,770,000	$ 33,613,674	$ 19,520,000	$ 25,949,533	$ 19,760,000	$ 119,692,733	$ 125,204,278
8	Safety	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
9	TAP / TASA	$ 3,485,800	$ 3,485,800	$ 500,290	$ 500,290	$ 868,741	$ 868,741	$ 1,620,170	$ 1,620,170	$ 6,475,001	$ 6,475,001
10	Supplemental Transportation	$ 4,730,926	$ 4,730,926	$ -	$ -	$ 603,687	$ 603,687	$ -	$ -	$ 5,334,613	$ 5,334,613
10 CBI	Corridor Border	$ 5,126,958	$ 5,126,958	$ -	$ -	$ 13,100,000	$ 13,100,000	$ 100,000	$ 100,000	$ 18,326,958	$ 18,326,958
11	District Discretionary	$ 12,000,000	$ 12,000,000	$ 3,000,000	$ 3,000,000	$ 9,000,000	$ 9,000,000	$ 20,834,374	$ 20,834,374	$ 44,834,374	$ 44,834,374
12	Strategic Priority	$ 257,295,735	$ 257,295,735	$ 67,068,412	$ 67,068,412	$ -	$ -	$ -	$ -	$ 324,364,147	$ 324,364,147
12S	Cat 7 Reconciliation	$ -	$ 800,000	$ -	$ 400,000	$ 800,000	$ 400,000	$ 400,000	$ 400,000	$ 1,200,000	$ 2,000,000
SB 102	Strategy 102	$ 92,629,626	$ 92,629,626	$ -	$ -	$ -	$ -	$ -	$ -	$ 92,629,626	$ 92,629,626
	Total	$ 801,123,261	$ 819,518,013	$ 138,012,181	$ 146,612,181	$ 92,958,771	$ 78,465,097	$ 279,835,225	$ 273,645,692	$ 1,311,929,438	$ 1,318,240,983

Funding Participation Source

Source	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 19-22
Federal	$ 472,873,124	$ 89,710,962	$ 46,428,882	$ 216,497,635	$ 825,510,603
State	$ 121,355,877	$ 17,800,000	$ 1,800,000	$ 48,510,468	$ 189,466,345
*Local Match	$ 11,249,093	$ 4,627,740	$ 9,757,220	$ 5,613,940	$ 31,247,993
CAT 3 - Local Contributions (LC)	$ 103,015,541	$ 25,873,479	$ 34,972,669	$ 9,213,182	$ 173,074,871
Other - Strategy 102 Budget	$ 92,629,626	$ -	$ -	$ -	$ 92,629,626
Total	$ 801,123,261	$138,012,181	$92,958,771	$279,835,225	$ 1,311,929,438

Annotations

1. *Local Match should be a percent of participation on a specific category of funding except non-traditional funding.
2. The TIP financial summary should be a total of all projects currently within your TIP, excluding grouped projects.
3. You can add / delete funding source rows as needed.
4. All non-traditional programmed amount should equal all non-traditional (CAT 3) funding source amounts

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-374	OWASSA	R	COUNTY	COUNTY	$800,000

LIMITS FROM: I RD
LIMITS TO: CESAR CHAVEZ RD
PROJECT DESCRIPTION: CONSTRUCT A 4 LANE URBAN ROADWAY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-335r
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0	**COST OF**
ROW PURCHASE:	$800,000	**APPROVED**
CONST COST:	$0	**PHASES:**
CONST ENG:	$0	**$800,000**
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$800,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$640,000		$160,000		$800,000
TOTALS	**$640,000**	**$0**	**$160,000**	**$0**	**$800,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-169	CS	E	COUNTY	COUNTY	$230,275

LIMITS FROM: ON NOLANA FROM FM 907
LIMITS TO: FM 88
PROJECT DESCRIPTION: WIDEN & RECONSTRUCT TO 4 LANE DIVIDED URBAN
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-152
FUNDING CAT(S): 3 - LOCAL
PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$230,275	**COST OF**
ROW PURCHASE:	$2,573,503	**APPROVED**
CONST COST:	$16,000,000	**PHASES:**
CONST ENG:	$720,000	**$230,275**
CONTING:	$1,040,000	
IND COSTS:	$992,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$21,555,778	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$230,275	$230,275
TOTALS	**$0**	**$0**	**$0**	**$230,275**	**$230,275**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0865-01-108	CS	R	PALMVIEW	TXDOT	$2,699,360

LIMITS FROM: ON VETERANS SH 495 FROM IH-2/US 83
LIMITS TO: SH 364 (LA HOMA RD)
PROJECT DESCRIPTION: 4 LANES DIVIDED URBAN
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-50r
FUNDING CAT(S): 7
PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$843,140	**COST OF**
ROW PURCHASE:	$2,699,360	**APPROVED**
CONST COST:	$11,360,000	**PHASES:**
CONST ENG:	$511,200	**$2,699,360**
CONTING:	$738,400	
IND COSTS:	$704,320	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,856,420	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$2,159,488		$539,872		$2,699,360
TOTALS	**$2,159,488**	**$0**	**$539,872**	**$0**	**$2,699,360**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1064-01-027	FM 676 (MILE 5)	R	ALTON	TXDOT	$500,738

LIMITS FROM: SH 107 (CONWAY)
LIMITS TO: TAYLOR RD
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS: EARMARK FUNDING FOR ROW ACQUISITION APPRAISAL SERVICES
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-117r
FUNDING CAT(S): 10 - EARMARK
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$493,693	COST OF
ROW PURCHASE:	$918,775	APPROVED
CONST COST:	$10,075,374	PHASES:
CONST ENG:	$453,392	$500,738
CONTING:	$654,899	
IND COSTS:	$624,673	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$13,220,806	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - EARMARK	$400,590	$100,148			$500,738
TOTALS	$400,590	$100,148	$0	$0	$500,738

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-194	LIBERTY BLVD	R	PENITAS	COUNTY	$1,185,242

LIMITS FROM: MILE 3 RD
LIMITS TO: US 83
PROJECT DESCRIPTION: WIDEN TO 4 LANES WITH DEDICATED LEFT TURN LANE
REMARKS:
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-284ar
FUNDING CAT(S): 7, 10 - EARMARK, 3 - LOCAL
PROJECT HISTORY:

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$219,782	COST OF
ROW PURCHASE:	$1,185,242	APPROVED
CONST COST:	$9,448,858	PHASES:
CONST ENG:	$1,086,619	$1,185,242
CONTING:	$0	
IND COSTS:	$585,829	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,526,330	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$320,000		$80,000		$400,000
CAT 10 - EARMARK	$560,826		$140,206		$701,032
CAT 3 - LOCAL				$84,210	$84,210
TOTALS	$880,826	$0	$220,206	$84,210	$1,185,242

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-327	TAYLOR RD	R	MISSION	COUNTY	$1,192,488

LIMITS FROM: BUSINESS 83
LIMITS TO: IH-2 / US 83
PROJECT DESCRIPTION: WIDEN TO 4 LANES WITH LEFT TURN LANE
REMARKS:
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-256r
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$371,667	COST OF
ROW PURCHASE:	$1,192,488	APPROVED
CONST COST:	$4,500,000	PHASES:
CONST ENG:	$500,000	$1,192,488
CONTING:	$365,050	
IND COSTS:	$348,202	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$7,277,407	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$953,990		$238,498		$1,192,488
TOTALS	$953,990	$0	$238,498	$0	$1,192,488

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-328	CS	R	MISSION	COUNTY	$2,011,852

LIMITS FROM: ON TAYLOR RD @MILE 2 N
LIMITS TO: BUSINESS 83
PROJECT DESCRIPTION: 4 LANES DIVIDED URBAN
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-257r
FUNDING CAT(S): 7
PROJECT HISTORY:

MODIFIED LIMIT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$743,333	COST OF
ROW PURCHASE:	$2,011,852	APPROVED
CONST COST:	$6,006,390	PHASES:
CONST ENG:	$887,802	$2,011,852
CONTING:	$376,725	
IND COSTS:	$359,337	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$10,385,439	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$1,609,482		$402,370		$2,011,852
TOTALS	$1,609,482	$0	$402,370	$0	$2,011,852

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1804-01-068	FM 1926 (23RD ST)	C	MCALLEN	MCALLEN	$86,265

LIMITS FROM: @ FM 1926 (23RD ST) & HACKBERRY AVE
LIMITS TO:
PROJECT DESCRIPTION: ADDITION OF NORTH AND SOUTHBOUND CENTER TURN LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-310
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$3,969	COST OF
ROW PURCHASE:	$16,000	APPROVED
CONST COST:	$86,265	PHASES:
CONST ENG:	$4,050	$86,265
CONTING:	$0	
IND COSTS:	$5,022	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$115,306	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$69,012		$17,253		$86,265
TOTALS	$69,012	$0	$17,253	$0	$86,265

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1804-01-069	FM 1926 (23RD ST)	C	MCALLEN	MCALLEN	$94,785

LIMITS FROM: @ FM 1926 (23RD ST) & KENDLEWOOD AVE
LIMITS TO:
PROJECT DESCRIPTION: ADDITION OF NORTH AND SOUTHBOUND CENTER TURN LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-311
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$4,361	COST OF
ROW PURCHASE:	$16,000	APPROVED
CONST COST:	$94,785	PHASES:
CONST ENG:	$4,450	$94,785
CONTING:	$0	
IND COSTS:	$5,518	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$125,114	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$75,828		$18,957		$94,785
TOTALS	$75,828	$0	$18,957	$0	$94,785

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0621-01-106	SH 336	C	MCALLEN	MCALLEN	$77,958

LIMITS FROM: INTERSECTION BUSINESS US 83
LIMITS TO: 135ft S INTERSECTION US BUSINESS 83
PROJECT DESCRIPTION: ADDITION OF NORTHBOUND RIGHT TURN LANE
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-312
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$3,587
ROW PURCHASE:	$31,000
CONST COST:	$77,958
CONST ENG:	$3,660
CONTING:	$0
IND COSTS:	$4,538
BND FINANCING:	$0
TOTAL PROJECT COST:	$120,743

COST OF APPROVED PHASES: **$77,958**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$62,366		$15,592		$77,958
TOTALS	**$62,366**	**$0**	**$15,592**	**$0**	**$77,958**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1804-01-071	FM 1926 (23RD ST)	C	MCALLEN	MCALLEN	$141,219

LIMITS FROM: @ FM 1926 (23RD ST) & EBONY AVE
LIMITS TO:
PROJECT DESCRIPTION: ADDITION OF EAST, NORTH, AND SOUTHBOUND CENTER TURN LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-313
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$6,497
ROW PURCHASE:	$21,000
CONST COST:	$141,219
CONST ENG:	$6,630
CONTING:	$0
IND COSTS:	$8,221
BND FINANCING:	$0
TOTAL PROJECT COST:	$183,567

COST OF APPROVED PHASES: **$141,219**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$112,975		$28,244		$141,219
TOTALS	**$112,975**	**$0**	**$28,244**	**$0**	**$141,219**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1804-01-072	FM 1926 (23RD ST)	C	MCALLEN	MCALLEN	$116,618

LIMITS FROM: @ FM 1926 (23RD ST) & JACKSON AVE
LIMITS TO:
PROJECT DESCRIPTION: ADDITION OF NORTH AND SOUTHBOUND CENTER TURN LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-314
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$5,366
ROW PURCHASE:	$31,000
CONST COST:	$116,618
CONST ENG:	$5,475
CONTING:	$0
IND COSTS:	$6,789
BND FINANCING:	$0
TOTAL PROJECT COST:	$165,248

COST OF APPROVED PHASES: **$116,618**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$93,294		$23,324		$116,618
TOTALS	**$93,294**	**$0**	**$23,324**	**$0**	**$116,618**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-352	BICENTENNIAL	C	MCALLEN	MCALLEN	$14,679,967

LIMITS FROM: FROM SH 107
LIMITS TO: TRENTON RD
PROJECT DESCRIPTION: CONSTRUCT NEW 4-LANE URBAN ROADWAY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-91
FUNDING CAT(S): 7, 10 - EARMARK, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,444,700	**COST OF**
ROW PURCHASE:	$200,000	**APPROVED**
CONST COST:	$14,679,967	**PHASES:**
CONST ENG:	$660,599	**$14,679,967**
CONTING:	$1,415,033	
IND COSTS:	$366,999	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,767,298	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$6,996,400	$1,539,208	$209,892		$8,745,500
CAT 10 - EARMARK	$600,885	$132,194	$18,027		$751,106
CAT 3 - LOCAL				$5,183,361	$5,183,361
TOTALS	**$7,597,285**	**$1,671,402**	**$227,919**	**$5,183,361**	**$14,679,967**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-155	SIGNAL IMPROVEMENTS	C	VARIOUS	VARIOUS	$1,000,000

LIMITS FROM: WITHIN HIDALGO COUNTY
LIMITS TO:
PROJECT DESCRIPTION: TRAFFIC SIGNAL HARDWARE IMPROVEMENTS
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-363
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$49,000	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$1,000,000	**PHASES:**
CONST ENG:	$75,000	**$1,000,000**
CONTING:	$70,000	
IND COSTS:	$62,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$1,256,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$800,000		$200,000		$1,000,000
TOTALS	**$800,000**	**$0**	**$200,000**	**$0**	**$1,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-311	N ALAMO RD EXTENSION	C/E	COUNTY	COUNTY	$804,981

LIMITS FROM: ON NORTH ALAMO RD FROM FM 1925
LIMITS TO: 0.54mi N OF FM 1925
PROJECT DESCRIPTION: NEW LOCATION 2-LANE RURAL ROADWAY
REMARKS E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-289
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$34,449	**COST OF**
ROW PURCHASE:	$200,000	**APPROVED**
CONST COST:	$703,040	**PHASES:**
CONST ENG:	$52,728	**$804,981**
CONTING:	$49,213	
IND COSTS:	$43,588	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$1,083,018	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$643,985		$160,996		$804,981
TOTALS	**$643,985**	**$0**	**$160,996**	**$0**	**$804,981**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-312	DICKER RD	E	MCALLEN	COUNTY	$1,667,175

LIMITS FROM: SPUR 115 (23RD ST)
LIMITS TO: FM 2061 (JACKSON RD)
PROJECT DESCRIPTION: WIDEN TO 4 LANE WITH CONTINUOUS LEFT TURN
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-291
FUNDING CAT(S): 3 - LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,667,175	COST OF
ROW PURCHASE:	$1,400,000	APPROVED
CONST COST:	$15,498,000	PHASES:
CONST ENG:	$1,460,500	$1,667,175
CONTING:	$0	
IND COSTS:	$787,400	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$20,813,075	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$1,667,175	$1,667,175
TOTALS	$0	$0	$0	$1,667,175	$1,667,175

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-312	DICKER RD	C/R/E	MCALLEN	COUNTY	$18,358,500

LIMITS FROM: SPUR 115 (23RD ST)
LIMITS TO: FM 2061 (JACKSON RD)
PROJECT DESCRIPTION: WIDEN TO 4 LANE WITH CONTINUOUS LEFT TURN
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-291
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,667,175	COST OF
ROW PURCHASE:	$1,400,000	APPROVED
CONST COST:	$15,498,000	PHASES:
CONST ENG:	$1,460,500	$18,358,500
CONTING:	$0	
IND COSTS:	$787,400	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$20,813,075	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$1,120,000		$280,000		$1,400,000
CAT 7	$13,566,800		$3,391,700		$16,958,500
TOTALS	$14,686,800	$0	$3,671,700	$0	$18,358,500

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-322	LIBERTY BLVD	E	COUNTY	COUNTY	$347,988

LIMITS FROM: MILE 3 RD
LIMITS TO: FM 2221
PROJECT DESCRIPTION: CONSTRUCT 2 LANES WITH SHOULDERS
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-284b
FUNDING CAT(S): 3 - LOCAL
PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$347,988	COST OF
ROW PURCHASE:	$2,030,000	APPROVED
CONST COST:	$8,598,629	PHASES:
CONST ENG:	$1,576,755	$347,988
CONTING:	$0	
IND COSTS:	$784,583	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$13,337,955	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$347,988	$347,988
TOTALS	$0	$0	$0	$347,988	$347,988

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-322	LIBERTY BLVD	R	COUNTY	COUNTY	$2,030,000

LIMITS FROM: MILE 3 RD
LIMITS TO: FM 2221
PROJECT DESCRIPTION: CONSTRUCT 2 LANES WITH SHOULDERS
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-284br
FUNDING CAT(S): 7

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$347,988	**COST OF**
ROW PURCHASE:	$2,030,000	**APPROVED**
CONST COST:	$8,598,629	**PHASES:**
CONST ENG:	$1,576,755	**$2,030,000**
CONTING:	$0	
IND COSTS:	$784,583	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$13,337,955	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$1,624,000		$406,000		$2,030,000
TOTALS	**$1,624,000**	**$0**	**$406,000**	**$0**	**$2,030,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-403	ELDORA RD	E	PHARR	COUNTY	$893,159

LIMITS FROM: FM 3362 (JACKSON RD)
LIMITS TO: VETERANS BLVD (I RD)
PROJECT DESCRIPTION: DIVIDED URBAN SECTION
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-322
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$893,159	**COST OF**
ROW PURCHASE:	$1,200,000	**APPROVED**
CONST COST:	$12,204,142	**PHASES:**
CONST ENG:	$1,518,417	**$893,159**
CONTING:	$0	
IND COSTS:	$856,847	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,672,565	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$893,159	$893,159
TOTALS	**$0**	**$0**	**$0**	**$893,159**	**$893,159**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-403	ELDORA RD	R	PHARR	COUNTY	$1,200,000

LIMITS FROM: FM 3362 (JACKSON RD)
LIMITS TO: VETERANS BLVD (I RD)
PROJECT DESCRIPTION: DIVIDED URBAN SECTION
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-322r
FUNDING CAT(S): 7

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$893,159	**COST OF**
ROW PURCHASE:	$1,200,000	**APPROVED**
CONST COST:	$12,204,142	**PHASES:**
CONST ENG:	$1,518,417	**$1,200,000**
CONTING:	$0	
IND COSTS:	$856,847	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,672,565	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$960,000		$240,000		$1,200,000
TOTALS	**$960,000**	**$0**	**$240,000**	**$0**	**$1,200,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-368	365 TOLLWAY	C/E	HCRMA	HCRMA	$192,073,995

LIMITS FROM: FM 396 (ANZALDUAS HIGHWAY)
LIMITS TO: US 281 MILITARY HIGHWAY
PROJECT DESCRIPTION: A TOLL IMPROVEMENT BEING A 4 LANE CONTROLLED ACCESS FACILITY
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: RMA-1aa
FUNDING CAT(S): 12, LOCAL, VRF
PROJECT HISTORY:

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$16,757,371	COST OF
ROW PURCHASE:	$36,242,588	APPROVED
CONST COST:	$174,178,506	PHASES:
CONST ENG:	$8,925,296	$192,073,995
CONTING:	$0	
IND COSTS:	$8,970,193	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$245,073,953	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 12 - VRF		$14,386,688			$14,386,688
CAT 12 - STRATEGIC PRIORI	$89,644,588	$22,411,147			$112,055,735
CAT 3 - LOCAL				$65,631,572	$65,631,572
TOTALS	**$89,644,588**	**$36,797,835**	**$0**	**$65,631,572**	**$192,073,995**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-389	COMPREHENSIVE PEDESTRIAN SAFETY PLAN	E	PHARR	PHARR	$254,000

LIMITS FROM: CITY LIMITS
LIMITS TO: CITY LIMITS
PROJECT DESCRIPTION: PLANNING STUDY FOR NEW CONSTRUCTION PEDESTRIAN SAFETY IMPROVEMENTS
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-357
FUNDING CAT(S): 9-TAP, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$254,000	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$0	PHASES:
CONST ENG:	$0	$254,000
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$254,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$134,000		$33,500		$167,500
CAT 3 - LOCAL				$86,500	$86,500
TOTALS	**$134,000**	**$0**	**$33,500**	**$86,500**	**$254,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0342-01-074	SH 107	C	EDINBURG	TXDOT	$15,216,588

LIMITS FROM: US 281
LIMITS TO: FM 493 (LA BLANCA)
PROJECT DESCRIPTION: CONSTRUCT 6 LANE DIVIDED RURAL
REMARKS:
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-227
FUNDING CAT(S): 2
PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$168,000	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$15,216,588	PHASES:
CONST ENG:	$200,000	$15,216,588
CONTING:	$260,000	
IND COSTS:	$248,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,092,588	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$12,173,270	$3,043,318			$15,216,588
TOTALS	**$12,173,270**	**$3,043,318**	**$0**	**$0**	**$15,216,588**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-390	VIZION ZERO PLANNING STUDY	E	MCALLEN	MCALLEN	$150,000

LIMITS FROM: CITY LIMITS
LIMITS TO: CITY LIMITS
PROJECT DESCRIPTION: VISION ZERO PLANNING STUDY
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-356
FUNDING CAT(S): 9-TAP
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$150,000
ROW PURCHASE:	$0
CONST COST:	$0
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$150,000

COST OF APPROVED PHASES: **$150,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$120,000		$30,000		$150,000
TOTALS	**$120,000**	**$0**	**$30,000**	**$0**	**$150,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-385	PHARR INT'L BRIDGE	C/E	PHARR	PHARR	$2,692,462

LIMITS FROM: @ PHARR INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: CONSTRUCTION OF ADDITIONAL NORTHBOUND LANE AND RELATED CANOPIES AND BOOTHS INTO THE PHARR POE INSPECTION AREA
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-354
FUNDING CAT(S): CBI, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$165,000
ROW PURCHASE:	$0
CONST COST:	$2,564,250
CONST ENG:	$128,212
CONTING:	$256,425
IND COSTS:	$158,984
BND FINANCING:	$0
TOTAL PROJECT COST:	$3,272,871

COST OF APPROVED PHASES: **$2,692,462**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - CBI	$2,101,270		$525,318		$2,626,588
CAT 3 - LOCAL				$65,874	$65,874
TOTALS	**$2,101,270**	**$0**	**$525,318**	**$65,874**	**$2,692,462**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-383	PHARR INT'L BRIDGE 2 BSIF	C/E	PHARR	PHARR	$2,715,370

LIMITS FROM: @ PHARR INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: CONSTRUCTION OF ADDITIONAL EXIT LANE AND RELATED CANOPIES AND BOOTHS OUT OF PHARR POE BSIF
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-355
FUNDING CAT(S): CBI, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$255,000
ROW PURCHASE:	$0
CONST COST:	$2,500,370
CONST ENG:	$215,000
CONTING:	$164,000
IND COSTS:	$155,023
BND FINANCING:	$0
TOTAL PROJECT COST:	$3,289,393

COST OF APPROVED PHASES: **$2,715,370**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - CBI	$2,000,296		$500,074		$2,500,370
CAT 3 - LOCAL				$215,000	$215,000
TOTALS	**$2,000,296**	**$0**	**$500,074**	**$215,000**	**$2,715,370**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-382	DONNA INT'L BRIDGE COMMERCIAL APPROACH	R	DONNA	DONNA	$3,300,000

LIMITS FROM: DONNA BSIF
LIMITS TO: FUTURE IBTC / FM 493 INTERSECTION
PROJECT DESCRIPTION: CONSTRUCT 4 LANE CONTROLLED ACCESS TOLLED FACILITY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-275r
FUNDING CAT(S): LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0	**COST OF**
ROW PURCHASE:	$3,300,000	**APPROVED**
CONST COST:	$51,821,636	**PHASES:**
CONST ENG:	$0	**$3,300,000**
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$55,121,636	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$3,300,000	$3,300,000
TOTALS	**$0**	**$0**	**$0**	**$3,300,000**	**$3,300,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-254	MILE 1 EAST	E	MERCEDES	MERCEDES	$778,050

LIMITS FROM: BUSINESS 83
LIMITS TO: MILE 8 NORTH
PROJECT DESCRIPTION: RECONSTRUCT AND WIDEN TO URBAN 2 LANES & SHOULDERS
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-269
FUNDING CAT(S): 10 - EARMARK
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$778,050	**COST OF**
ROW PURCHASE:	$502,000	**APPROVED**
CONST COST:	$9,053,611	**PHASES:**
CONST ENG:	$756,800	**$778,050**
CONTING:	$588,485	
IND COSTS:	$561,324	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,240,270	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - EARMARK	$622,440		$155,610		$778,050
TOTALS	**$622,440**	**$0**	**$155,610**	**$0**	**$778,050**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	3629-01-001	SH 68	R	COUNTY	TXDOT	$92,629,626

LIMITS FROM: US 83
LIMITS TO: FM 1925
PROJECT DESCRIPTION: CONSTRUCT NEW 4-LANE DIVIDED RURAL HIGHWAY FACILITY
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-295b
FUNDING CAT(S): TXDOT ROW STRATEGY (SB102)
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$6,500,000	**COST OF**
ROW PURCHASE:	$92,629,626	**APPROVED**
CONST COST:	$55,000,000	**PHASES:**
CONST ENG:	$2,475,000	**$92,629,626**
CONTING:	$3,850,000	
IND COSTS:	$3,410,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$163,864,626	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
SB 102		$92,629,626			$92,629,626
TOTALS	**$0**	**$92,629,626**	**$0**	**$0**	**$92,629,626**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-321	MILE 3 N	E	COUNTY	COUNTY	$526,451

LIMITS FROM: TOM GILL RD
LIMITS TO: FM 492 (GOODWIN ROAD)
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED - CURB & GUTTER SECTION
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-286a
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$526,451	**COST OF**
ROW PURCHASE:	$1,186,754	**APPROVED**
CONST COST:	$14,389,614	**PHASES:**
CONST ENG:	$1,637,306	**$526,451**
CONTING:	$0	
IND COSTS:	$613,156	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,353,281	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$526,451	$526,451
TOTALS	**$0**	**$0**	**$0**	**$526,451**	**$526,451**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-332	MILE 3 N	E	COUNTY	COUNTY	$346,349

LIMITS FROM: TOM GILL RD
LIMITS TO: FM 2221
PROJECT DESCRIPTION: NEW LOCATION 2 LANE RURAL ROADWAY
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-286b
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$346,349	**COST OF**
ROW PURCHASE:	$750,000	**APPROVED**
CONST COST:	$5,750,000	**PHASES:**
CONST ENG:	$690,000	**$346,349**
CONTING:	$0	
IND COSTS:	$356,500	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$7,892,849	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$346,349	$346,349
TOTALS	**$0**	**$0**	**$0**	**$346,349**	**$346,349**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-399	CS	E	VARIOUS	COUNTY	$249,994

LIMITS FROM: ON CESAR CHAVEZ FROM BUSINESS 83
LIMITS TO: RIDGE RD
PROJECT DESCRIPTION: WIDEN TO 4 LANES
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-344
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$249,994	**COST OF**
ROW PURCHASE:	$1,000,000	**APPROVED**
CONST COST:	$6,193,200	**PHASES:**
CONST ENG:	$655,000	**$249,994**
CONTING:	$0	
IND COSTS:	$383,978	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$8,482,172	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$249,994	$249,994
TOTALS	**$0**	**$0**	**$0**	**$249,994**	**$249,994**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-405	CS	E	VARIOUS	COUNTY	$1,151,217

LIMITS FROM: ON CESAR CHAVEZ FROM BUSINESS 83
LIMITS TO: NOLANA LOOP
PROJECT DESCRIPTION: WIDEN TO 4 LANES
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-326
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,151,217	COST OF APPROVED PHASES: $1,151,217
ROW PURCHASE:	$4,570,000	
CONST COST:	$18,064,345	
CONST ENG:	$2,567,723	
CONTING:	$0	
IND COSTS:	$2,004,892	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$28,358,177	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$1,151,217	$1,151,217
TOTALS	**$0**	**$0**	**$0**	**$1,151,217**	**$1,151,217**

PHARR	HIDALGO	1064-01-043	FM 676	E	MCALLEN	COUNTY	$671,870

LIMITS FROM: TAYLOR RD
LIMITS TO: FM 2220
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-144
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$671,870	COST OF APPROVED PHASES: $671,870
ROW PURCHASE:	$1,000,000	
CONST COST:	$4,500,000	
CONST ENG:	$500,000	
CONTING:	$0	
IND COSTS:	$279,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$6,950,870	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$671,870	$671,870
TOTALS	**$0**	**$0**	**$0**	**$671,870**	**$671,870**

PHARR	HIDALGO	0921-02-338	SHARP RD	E	COUNTY	COUNTY	$119,473

LIMITS FROM: FM 1925
LIMITS TO: 0.46mi NORTH
PROJECT DESCRIPTION: ROAD REALIGNMENT 2 LANE RURAL ROADWAY
REMARKS: E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-12ab
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$119,473	COST OF APPROVED PHASES: $119,473
ROW PURCHASE:	$650,000	
CONST COST:	$1,137,217	
CONST ENG:	$125,750	
CONTING:	$0	
IND COSTS:	$70,507	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$2,102,947	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$119,473	$119,473
TOTALS	**$0**	**$0**	**$0**	**$119,473**	**$119,473**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-360	MILE 10 N	E	COUNTY	COUNTY	$992,840

LIMITS FROM: WESTGATE (MILE 6 W)
LIMITS TO: FM 1015
PROJECT DESCRIPTION: WIDEN TO 4 LANE - URBAN
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-264
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	**$1,240,022**	**COST OF**
ROW PURCHASE:	$2,200,000	**APPROVED**
CONST COST:	$12,194,434	**PHASES:**
CONST ENG:	$1,700,000	**$992,840**
CONTING:	$0	
IND COSTS:	$1,341,328	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,675,784	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$992,840	$992,840
TOTALS	**$0**	**$0**	**$0**	**$992,840**	**$992,840**

PHARR	HIDALGO	0921-02-395	CS	E	MISSION	COUNTY	$1,276,483

LIMITS FROM: ON INSPIRATION RD/MILITARY PARKWAY LOOP FROM IH-2
LIMITS TO: FM 1016
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-341
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,276,483	**COST OF**
ROW PURCHASE:	$3,000,000	**APPROVED**
CONST COST:	$20,047,928	**PHASES:**
CONST ENG:	$2,205,272	**$1,276,483**
CONTING:	$0	
IND COSTS:	$1,094,374	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$27,624,057	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$1,276,483	$1,276,483
TOTALS	**$0**	**$0**	**$0**	**$1,276,483**	**$1,276,483**

PHARR	HIDALGO	0921-02-361	CS	R	MCALLEN	COUNTY	$2,000,000

LIMITS FROM: ON NOLANA LOOP FROM FM 1426 (RAUL LONGORIA)
LIMITS TO: FM 907
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-152ar
FUNDING CAT(S): 10 - EARMARK

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$230,275	**COST OF**
ROW PURCHASE:	$2,000,000	**APPROVED**
CONST COST:	$12,140,418	**PHASES:**
CONST ENG:	$1,200,000	**$2,000,000**
CONTING:	$789,127	
IND COSTS:	$752,706	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$17,112,526	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - EARMARK	$1,600,000		$400,000		$2,000,000
TOTALS	**$1,600,000**	**$0**	**$400,000**	**$0**	**$2,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0039-02-063	US 83	C	TXDOT	TXDOT	$126,000,000

LIMITS FROM: US 83 LA JOYA RELIEF ROUTE FROM FM 2221
LIMITS TO: 0.28mi W SHOWERS RD
PROJECT DESCRIPTION: CONSTRUCT CONTROLLED ACCESS FACILITY
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-293
FUNDING CAT(S): 2, 12

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$6,174,000	**COST OF**
ROW PURCHASE:	$175,000	**APPROVED**
CONST COST:	$126,000,000	**PHASES:**
CONST ENG:	$5,670,000	**$126,000,000**
CONTING:	$8,820,000	
IND COSTS:	$7,812,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$154,651,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$50,208,000	$12,552,000			$62,760,000
CAT 12	$50,592,000	$12,648,000			$63,240,000
TOTALS	**$100,800,000**	**$25,200,000**	**$0**	**$0**	**$126,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0255-08-107	IH-2 / IH-69C INTERCHANGE	C	PHARR	TXDOT	$64,366,907

LIMITS FROM: IH-2
LIMITS TO: 1.82mi N IH-2
PROJECT DESCRIPTION: CONSTRUCT INTERCHANGE
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-366
FUNDING CAT(S): 4, 7

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$3,153,978	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$64,366,907	**PHASES:**
CONST ENG:	$2,896,511	**$64,366,907**
CONTING:	$0	
IND COSTS:	$3,990,748	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$74,408,144	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 4	$43,653,526	$10,913,381			$54,566,907
CAT 7	$7,840,000	$1,960,000			$9,800,000
TOTALS	**$51,493,526**	**$12,873,381**	**$0**	**$0**	**$64,366,907**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0039-17-175	IH-2 / IH-69C INTERCHANGE	C	PHARR	TXDOT	$208,348,966

LIMITS FROM: FM 2557 (STEWART RD)
LIMITS TO: 2ND STREET
PROJECT DESCRIPTION: INTERCHANGE IMPROVEMENTS
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-362
FUNDING CAT(S): 2, 4, 12

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$10,209,099	**COST OF**
ROW PURCHASE:	$1,100,000	**APPROVED**
CONST COST:	$208,348,966	**PHASES:**
CONST ENG:	$9,375,703	**$208,348,966**
CONTING:	$0	
IND COSTS:	$12,917,636	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$241,951,404	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 4	$92,986,475	$23,246,619			$116,233,094
CAT 12	$65,600,000	$16,400,000			$82,000,000
CAT 2	$8,092,698	$2,023,174			$10,115,872
TOTALS	**$166,679,173**	**$41,669,793**	**$0**	**$0**	**$208,348,966**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-391	PSJA TRI-CITY PEDESTRIAN SAFETY	C	VARIOUS	PHARR	$2,286,000

LIMITS FROM: CITY OF PHARR
LIMITS TO: CITY OF ALAMO
PROJECT DESCRIPTION: NEW CONSTRUCTION PEDESTRIAN SAFETY IMPROVEMENTS
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-358
FUNDING CAT(S): 9-TAP, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0
ROW PURCHASE:	$0
CONST COST:	$2,286,000
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$2,286,000

COST OF APPROVED PHASES: **$2,286,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$1,577,340		$394,335		$1,971,675
CAT 3 - LOCAL				$314,325	$314,325
TOTALS	**$1,577,340**	**$0**	**$394,335**	**$314,325**	**$2,286,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-428	ELSA COMMUNITY TRAIL PARK PROJECT	C	ELSA	ELSA	$1,235,300

LIMITS FROM: W HIDALGO ST
LIMITS TO: MILE 4 RD @ EEISD HIGH SCHOOL
PROJECT DESCRIPTION: CONSTRUCTION OF MULTIUSE TRAILS
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-367
FUNDING CAT(S): 9-TAP, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0
ROW PURCHASE:	$0
CONST COST:	$1,235,300
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$1,235,300

COST OF APPROVED PHASES: **$1,235,300**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$285,300		$71,325		$356,625
CAT 3 - LOCAL				$878,675	$878,675
TOTALS	**$285,300**	**$0**	**$71,325**	**$878,675**	**$1,235,300**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-429	RGV B-CYCLE BIKE SHARE	C	VARIOUS	VALLEY METRO	$544,000

LIMITS FROM: WITHIN HIDALGO COUNTY
LIMITS TO: WITHIN HIDALGO COUNTY
PROJECT DESCRIPTION: RGV B-CYCLE FOR REGIONAL HEALTH AND WELLNESS THRU BIKESHARE
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-368
FUNDING CAT(S): 9-TAP, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0
ROW PURCHASE:	$0
CONST COST:	$544,000
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$544,000

COST OF APPROVED PHASES: **$544,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$408,000		$102,000		$510,000
CAT 3 - LOCAL				$34,000	$34,000
TOTALS	**$408,000**	**$0**	**$102,000**	**$34,000**	**$544,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-430	HIDALGO CTY ACTIVE MOBILITY PLAN	E	VARIOUS	VALLEY METRO	$330,000

LIMITS FROM: WITHIN HIDALGO COUNTY
LIMITS TO: WITHIN HIDALGO COUNTY
PROJECT DESCRIPTION: MOBILITY PLAN TO IDENTIFY GAPS IN CURRENT BICYCLE / PEDESTRIAN PLANS
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-369
FUNDING CAT(S): 9-TAP
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$330,000
ROW PURCHASE:	$0
CONST COST:	$0
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$330,000

COST OF APPROVED PHASES: **$330,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$264,000		$66,000		$330,000
TOTALS	**$264,000**	**$0**	**$66,000**	**$0**	**$330,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-424	PHARR BRIDGE DOCK EXPANSION PHASE I	C/E/R	PHARR	PHARR	$6,490,000

LIMITS FROM: @ PHARR INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: DOCK EXPANSION PHASE I
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-372
FUNDING CAT(S): RIDER 11B, LOCAL
PROJECT HISTORY:
PE, CONTINGENCIES, AND INDIRECT PAID BY LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$330,000
ROW PURCHASE:	$0
CONST COST:	$5,500,000
CONST ENG:	$275,000
CONTING:	$275,000
IND COSTS:	$110,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$6,490,000

COST OF APPROVED PHASES: **$6,490,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 11 - RIDER 11B	$2,400,000		$600,000		$3,000,000
CAT 3 - LOCAL				$3,490,000	$3,490,000
TOTALS	**$2,400,000**	**$0**	**$600,000**	**$3,490,000**	**$6,490,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-425	PHARR BRIDGE DOCK EXPANSION PHASE II	C/E/R	PHARR	PHARR	$13,610,000

LIMITS FROM: @ PHARR INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: DOCK EXPANSION PHASE II
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-373
FUNDING CAT(S): RIDER 11B, LOCAL
PROJECT HISTORY:
PE, CONTINGENCIES, AND INDIRECT PAID BY LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$690,000
ROW PURCHASE:	$0
CONST COST:	$11,500,000
CONST ENG:	$575,000
CONTING:	$575,000
IND COSTS:	$270,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$13,610,000

COST OF APPROVED PHASES: **$13,610,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 11 - RIDER 11B	$4,000,000		$1,000,000		$5,000,000
CAT 3 - LOCAL				$8,610,000	$8,610,000
TOTALS	**$4,000,000**	**$0**	**$1,000,000**	**$8,610,000**	**$13,610,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-423	PHARR BRIDGE COMMERCIAL STAGING	C/E/R	PHARR	PHARR	$8,850,000

LIMITS FROM: @ PHARR INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: PHARR COMMERCIAL VEHICLE STAGING AREA
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-374
FUNDING CAT(S): RIDER 11B, LOCAL

PROJECT HISTORY:
PE, CONTINGENCIES, AND INDIRECT PAID BY LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$450,000
ROW PURCHASE:	$0
CONST COST:	$7,500,000
CONST ENG:	$375,000
CONTING:	$375,000
IND COSTS:	$150,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$8,850,000

COST OF APPROVED PHASES: **$8,850,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 11 - RIDER 11B	$3,200,000		$800,000		$4,000,000
CAT 3 - LOCAL				$4,850,000	$4,850,000
TOTALS	**$3,200,000**	**$0**	**$800,000**	**$4,850,000**	**$8,850,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1228-03-041	FM 1015	E	COUNTY	COUNTY	$1,798,750

LIMITS FROM: MILE 12 N RD
LIMITS TO: SH 107
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS E = PRELIMINARY ENGINEERING
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-2
FUNDING CAT(S): LOCAL

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,798,750
ROW PURCHASE:	$1,032,000
CONST COST:	$8,600,000
CONST ENG:	$430,000
CONTING:	$559,000
IND COSTS:	$553,200
BND FINANCING:	$0
TOTAL PROJECT COST:	$12,972,950

COST OF APPROVED PHASES: **$1,798,750**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$1,798,750	$1,798,750
TOTALS	**$0**	**$0**	**$0**	**$1,798,750**	**$1,798,750**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
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Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0342-01-093	BUS 281 / SH 107	C	COUNTY	COUNTY	$19,000,000

LIMITS FROM: BUS 281 - W
LIMITS TO: I-69C (US 281)
PROJECT DESCRIPTION: OPERATIONAL IMPROVEMENTS AND REHABILITATION
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-337
FUNDING CAT(S): 2
PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,219,012	**COST OF**
ROW PURCHASE:	$1,000,000	**APPROVED**
CONST COST:	$19,000,000	**PHASES:**
CONST ENG:	$855,000	**$19,000,000**
CONTING:	$1,235,000	
IND COSTS:	$1,178,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$24,487,012	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$15,200,000	$3,800,000			$19,000,000
TOTALS	**$15,200,000**	**$3,800,000**	**$0**	**$0**	**$19,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-142	IBTC	R	HCRMA	HCRMA	$35,688,406

LIMITS FROM: 365 TOLLWAY AT FM 493
LIMITS TO: IH-2
PROJECT DESCRIPTION: 4 LANE DIVIDED AT-GRADE NON-TOLL FACILITY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: RMA-3
FUNDING CAT(S): CAT 12, 3 - LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$5,435,921	**COST OF**
ROW PURCHASE:	$35,688,406	**APPROVED**
CONST COST:	$80,812,000	**PHASES:**
CONST ENG:	$0	**$35,688,406**
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$121,936,327	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$23,619,994	$23,619,994
CAT 12	$9,654,730		$2,413,682		$12,068,412
TOTALS	**$9,654,730**	**$0**	**$2,413,682**	**$23,619,994**	**$35,688,406**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-405	CS	R	VARIOUS	COUNTY	$4,570,000

LIMITS FROM: ON CESAR CHAVEZ FROM BUSINESS 83
LIMITS TO: NOLANA LOOP
PROJECT DESCRIPTION: WIDEN TO 4 LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-326r
FUNDING CAT(S): 7
PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,151,217	**COST OF**
ROW PURCHASE:	$4,570,000	**APPROVED**
CONST COST:	$18,064,345	**PHASES:**
CONST ENG:	$2,567,723	**$4,570,000**
CONTING:	$0	
IND COSTS:	$2,004,892	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$28,358,177	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$3,656,000		$914,000		$4,570,000
TOTALS	**$3,656,000**	**$0**	**$914,000**	**$0**	**$4,570,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-399	CS	R	VARIOUS	COUNTY	$1,000,000

LIMITS FROM: ON CESAR CHAVEZ FROM BUSINESS 83
LIMITS TO: RIDGE
PROJECT DESCRIPTION: WIDEN TO 4 LANES
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-344r
FUNDING CAT(S): 7

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$249,994	**COST OF**
ROW PURCHASE:	$1,000,000	**APPROVED**
CONST COST:	$6,193,200	**PHASES:**
CONST ENG:	$655,000	**$1,000,000**
CONTING:	$0	
IND COSTS:	$383,978	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$8,482,172	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$800,000		$200,000		$1,000,000
TOTALS	**$800,000**	**$0**	**$200,000**	**$0**	**$1,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-327	TAYLOR RD	C/E	MISSION	COUNTY	$5,000,000

LIMITS FROM: BUSINESS 83
LIMITS TO: I-2 (US 83)
PROJECT DESCRIPTION: WIDEN 4 LANES WITH LEFT TURN LANE
REMARKS E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-256
FUNDING CAT(S): 7

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$371,667	**COST OF**
ROW PURCHASE:	$1,192,488	**APPROVED**
CONST COST:	$4,500,000	**PHASES:**
CONST ENG:	$500,000	**$5,000,000**
CONTING:	$365,050	
IND COSTS:	$348,202	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$7,277,407	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$4,000,000		$1,000,000		$5,000,000
TOTALS	**$4,000,000**	**$0**	**$1,000,000**	**$0**	**$5,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1064-01-032	FM 676 (MILE 5 N)	C	ALTON	TXDOT	$15,000,000

LIMITS FROM: SH 364 (LA HOMA)
LIMITS TO: SH 107 (CONWAY)
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-117b
FUNDING CAT(S): 2, 11, 1

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$423,987	**COST OF**
ROW PURCHASE:	$1,200,000	**APPROVED**
CONST COST:	$15,000,000	**PHASES:**
CONST ENG:	$450,000	**$15,000,000**
CONTING:	$650,000	
IND COSTS:	$620,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,343,987	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$8,000,000	$2,000,000			$10,000,000
CAT 11	$2,400,000	$600,000			$3,000,000
CAT 1	$1,600,000	$400,000			$2,000,000
TOTALS	**$12,000,000**	**$3,000,000**	**$0**	**$0**	**$15,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-431	JACKSON HIKE BIKE PHASE II	C	VARIOUS	MCALLEN	$2,753,775

LIMITS FROM: BICENTENNIAL HIKE BIKE & WISCONSIN (MCALLEN)
LIMITS TO: CANTON RD & JACKSON RD (EDINBURG)
PROJECT DESCRIPTION: JACKSON RD HIKE AND BIKE PROJECT PHASE II
REMARKS
P7:

REVISION DATE: 2_2019
MPO PROJ NUMBER: HC-370
FUNDING CAT(S): 9, LOCAL

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0	**COST OF**
ROW PURCHASE:	$370,000	**APPROVED**
CONST COST:	$2,753,775	**PHASES:**
CONST ENG:	$0	**$2,753,775**
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$3,123,775	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$400,232		$100,058		$500,290
CAT 3 - LOCAL				$2,253,485	$2,253,485
TOTALS	**$400,232**	**$0**	**$100,058**	**$2,253,485**	**$2,753,775**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	3629-01-001	SH 68	C	COUNTY	TXDOT	$55,000,000

LIMITS FROM: US 83
LIMITS TO: FM 1925
PROJECT DESCRIPTION: CONSTRUCT NEW 4-LANE DIVIDED RURAL HIGHWAY FACILITY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-295c
FUNDING CAT(S): CAT 12

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$6,500,000	**COST OF**
ROW PURCHASE:	$92,629,626	**APPROVED**
CONST COST:	$55,000,000	**PHASES:**
CONST ENG:	$2,475,000	**$55,000,000**
CONTING:	$3,850,000	
IND COSTS:	$3,410,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$163,864,626	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 12	$44,000,000	$11,000,000			$55,000,000
TOTALS	**$44,000,000**	**$11,000,000**	**$0**	**$0**	**$55,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2021

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-321	MILE 3 N	C/E/R	COUNTY	COUNTY	$17,213,674

LIMITS FROM: TOM GILL RD
LIMITS TO: FM 492 (GOODWIN RD)
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED - CURB & GUTTER SECTION
REMARKS E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-286a
FUNDING CAT(S): 7, 12S

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$526,451	COST OF
ROW PURCHASE:	$1,186,754	APPROVED
CONST COST:	$14,389,614	PHASES:
CONST ENG:	$1,637,306	**$17,213,674**
CONTING:	$0	
IND COSTS:	$613,156	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,353,281	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$949,403		$237,351		$1,186,754
CAT 7	$12,501,536		$3,125,384		$15,626,920
CAT 12S	$360,000		$40,000		$400,000
TOTALS	**$13,810,939**	**$0**	**$3,402,735**	**$0**	**$17,213,674**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-360	MILE 10 N	R	WESLACO	COUNTY	$2,200,000

LIMITS FROM: WESTGATE (MILE 6 W)
LIMITS TO: FM 1015
PROJECT DESCRIPTION: WIDEN TO 4 LANES - URBAN
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-264r
FUNDING CAT(S): 7

PROJECT HISTORY:
CE = 100% TXDOT

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	**$1,240,022**	COST OF
ROW PURCHASE:	$2,200,000	APPROVED
CONST COST:	$12,194,434	PHASES:
CONST ENG:	$1,700,000	**$2,200,000**
CONTING:	$0	
IND COSTS:	$1,341,328	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$18,675,784	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$1,760,000		$440,000		$2,200,000
TOTALS	**$1,760,000**	**$0**	**$440,000**	**$0**	**$2,200,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-395	CS	R	MISSION	COUNTY	$3,000,000

LIMITS FROM: ON INSPIRATION RD/MILITARY PARKWAY LOOP FROM IH-2
LIMITS TO: FM 1016
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-341r
FUNDING CAT(S): 7

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,276,483	COST OF
ROW PURCHASE:	$3,000,000	APPROVED
CONST COST:	$20,047,928	PHASES:
CONST ENG:	$2,205,272	**$3,000,000**
CONTING:	$0	
IND COSTS:	$1,094,374	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$27,624,057	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7 (ROW)	$2,400,000		$600,000		$3,000,000
TOTALS	**$2,400,000**	**$0**	**$600,000**	**$0**	**$3,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2021

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-392	CANO HIKE & BIKE	C	EDINBURG	EDINBURG	$534,400

LIMITS FROM: CANO
LIMITS TO: FREDDY GONZALEZ
PROJECT DESCRIPTION: INSTALLATION OF SOLAR POWERED LIGHTING ALONG THE CANO WALKING TRAIL
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-359
FUNDING CAT(S): 9-TAP, LOCAL
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0
ROW PURCHASE:	$0
CONST COST:	$534,400
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$534,400

COST OF APPROVED PHASES: **$534,400**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$422,400		$105,600		$528,000
CAT 3 - LOCAL				$6,400	$6,400
TOTALS	**$422,400**	**$0**	**$105,600**	**$6,400**	**$534,400**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-393	DONNA SIDEWALK	C	DONNA	DONNA	$340,741

LIMITS FROM: AT INTERNATIONAL BLVD
LIMITS TO:
PROJECT DESCRIPTION: REHABILITATION OF DETERIORATED SIDEWALKS AND CONSTRUCTION OF NEW SIDEWALKS
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-360
FUNDING CAT(S): 9-TAP
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0
ROW PURCHASE:	$0
CONST COST:	$340,741
CONST ENG:	$0
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$340,741

COST OF APPROVED PHASES: **$340,741**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$272,593		$68,148		$340,741
TOTALS	**$272,593**	**$0**	**$68,148**	**$0**	**$340,741**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-394	DONNA INT'L BRIDGE	C/E	DONNA	DONNA	$43,398,084

LIMITS FROM: @ DONNA INT'L BRIDGE
LIMITS TO:
PROJECT DESCRIPTION: CONSTRUCTION OF COMMERCIAL FACILITIES FOR NORTHBOUND LOADED / EMPTY AND SOUTHBOUND LOADED TRUCKS
REMARKS LOCAL FUNDING FOR CONSTRUCTION, PRELIMINARY ENGINEERING,
P7: AND CONSTRUCTION ENGINEERING

REVISION DATE: 7_2019
MPO PROJ NUMBER: HC-361
FUNDING CAT(S): CBI, LOCAL
PROJECT HISTORY:

MODIFIED CBI FUNDS

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$4,545,234
ROW PURCHASE:	$0
CONST COST:	$37,352,850
CONST ENG:	$1,500,000
CONTING:	$0
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$43,398,084

COST OF APPROVED PHASES: **$43,398,084**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - CBI	$7,120,000		$1,780,000		$8,900,000
CAT 3 - LOCAL				$34,498,084	$34,498,084
TOTALS	**$7,120,000**	**$0**	**$1,780,000**	**$34,498,084**	**$43,398,084**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2021

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0864-01-069	FM 494	C	COUNTY	TXDOT	$9,000,000

LIMITS FROM: FM 1924 (MILE 3)
LIMITS TO: FM 676 (MILE 5)
PROJECT DESCRIPTION: WIDEN TO 4 LANE
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-292b
FUNDING CAT(S): 11

PROJECT HISTORY:
PE = 100% LG

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$392,000	**COST OF**
ROW PURCHASE:	$500,000	**APPROVED**
CONST COST:	$9,000,000	**PHASES:**
CONST ENG:	$450,000	**$9,000,000**
CONTING:	$585,000	
IND COSTS:	$558,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$11,485,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 11	$7,200,000	$1,800,000			$9,000,000
TOTALS	**$7,200,000**	**$1,800,000**	**$0**	**$0**	**$9,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-420	CS	C/E	WESLACO	COUNTY	$12,603,687

LIMITS FROM: MILE 9 N
LIMITS TO: MILE 11 N
PROJECT DESCRIPTION: WIDEN TO 4 LANE
REMARKS E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2019
MPO PROJ NUMBER: HC-148ba
FUNDING CAT(S): 7, 12S, 10-EARMARK

PROJECT HISTORY:

MOVE FROM 2022

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$1,614,606	**COST OF**
ROW PURCHASE:	$1,800,000	**APPROVED**
CONST COST:	$11,403,687	**PHASES:**
CONST ENG:	$1,200,000	**$12,603,687**
CONTING:	$0	
IND COSTS:	$708,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,726,293	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$9,280,000		$2,320,000		$11,600,000
CAT 12S	$320,000		$80,000		$400,000
CAT 10 - EARMARK	$482,950		$120,737		$603,687
TOTALS	**$10,082,950**	**$0**	**$2,520,737**	**$0**	**$12,603,687**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-379	ANZALDUAS POE	C	MISSION	ANZALDUAS INT'L BRIDGE BOARD	$4,668,185

LIMITS FROM: @ ANZALDUAS INTERNATIONAL PORT OF ENTRY (NB)
LIMITS TO:
PROJECT DESCRIPTION: INBOUND COMMERCIAL INSPECTION PREPRIMARY INSPECTION PRE-CLEARED CARGO TRAFFIC
REMARKS
P7:

REVISION DATE: **7_2019**
MPO PROJ NUMBER: HC-352
FUNDING CAT(S): 10 - CBI, LOCAL

PROJECT HISTORY:

MOVE FROM 2020

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$217,070	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$4,668,185	**PHASES:**
CONST ENG:	$163,386	**$4,668,185**
CONTING:	$163,386	
IND COSTS:	$163,386	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$5,375,413	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - CBI	$3,360,000		$840,000		$4,200,000
CAT 3 - LOCAL				$468,185	$468,185
TOTALS	**$3,360,000**	**$0**	**$840,000**	**$468,185**	**$4,668,185**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-328	CS	C/E	VARIOUS	COUNTY	$6,894,192

LIMITS FROM: ON TAYLOR RD @MILE 2 N
LIMITS TO: BUSINESS 83
PROJECT DESCRIPTION: 4 LANES DIVIDED URBAN
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-257
FUNDING CAT(S): 7
PROJECT HISTORY:

MODIFIED LIMIT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$743,333	COST OF
ROW PURCHASE:	$2,011,852	APPROVED
CONST COST:	$6,006,390	PHASES:
CONST ENG:	$887,802	$6,894,192
CONTING:	$376,725	
IND COSTS:	$359,337	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$10,385,439	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$5,515,354		$1,378,838		$6,894,192
TOTALS	**$5,515,354**	**$0**	**$1,378,838**	**$0**	**$6,894,192**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-303	ANZALDUAS POE	C	MISSION	ANZALDUAS INT'L BRIDGE BOARD	$7,241,012

LIMITS FROM: @ ANZALDUAS INTERNATIONAL PORT OF ENTRY
LIMITS TO:
PROJECT DESCRIPTION: CONSTRUCTION OF SOUTHBOUND INSPECTION STATION
REMARKS:
P7:

REVISION DATE: 7_2019
MPO PROJ NUMBER: HC-277
FUNDING CAT(S): 10 - CBI, LOCAL
PROJECT HISTORY:

MOVED FROM 2020

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$354,810	COST OF
ROW PURCHASE:	$0	APPROVED
CONST COST:	$7,241,012	PHASES:
CONST ENG:	$362,051	$7,241,012
CONTING:	$470,666	
IND COSTS:	$448,943	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$8,877,482	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10 - CBI	$80,000		$20,000		$100,000
CAT 3 - LOCAL				$7,141,012	$7,141,012
TOTALS	**$80,000**	**$0**	**$20,000**	**$7,141,012**	**$7,241,012**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-286	MILE 6 W	R	COUNTY	COUNTY	$4,396,313

LIMITS FROM: SH 107
LIMITS TO: MILE 11 N
PROJECT DESCRIPTION: WIDEN TO 4 LANE
REMARKS:
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-148bbr
FUNDING CAT(S): 7
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$992,000	COST OF
ROW PURCHASE:	$4,396,313	APPROVED
CONST COST:	$31,202,489	PHASES:
CONST ENG:	$3,410,000	$4,396,313
CONTING:	$1,316,000	
IND COSTS:	$1,255,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$42,571,802	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$3,517,050		$879,263		$4,396,313
TOTALS	**$3,517,050**	**$0**	**$879,263**	**$0**	**$4,396,313**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-194	LIBERTY BLVD	C/E	PENITAS	COUNTY	$10,535,477

LIMITS FROM: MILE 3 RD
LIMITS TO: US 83
PROJECT DESCRIPTION: WIDEN TO 4 LANES WITH DEDICATED LEFT TURN LANE
REMARKS: E = CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-284a
FUNDING CAT(S): 7, 12S
PROJECT HISTORY:

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$219,782	COST OF
ROW PURCHASE:	$1,185,242	APPROVED
CONST COST:	$9,448,858	PHASES:
CONST ENG:	$1,086,619	$10,535,477
CONTING:	$0	
IND COSTS:	$585,829	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,526,330	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$8,108,382		$2,027,095		$10,135,477
CAT 12S	$320,000		$80,000		$400,000
TOTALS	$8,428,382	$0	$2,107,095	$0	$10,535,477

PHARR	HIDALGO	0864-01-068	FM 494	C	COUNTY	TXDOT	$8,657,966

LIMITS FROM: SH 107
LIMITS TO: FM 676 (MILE 5)
PROJECT DESCRIPTION: WIDEN TO 4 LANE
REMARKS:
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-292a
FUNDING CAT(S): 2
PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$392,000	COST OF
ROW PURCHASE:	$2,957,145	APPROVED
CONST COST:	$8,657,966	PHASES:
CONST ENG:	$0	$8,657,966
CONTING:	$0	
IND COSTS:	$536,794	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,543,905	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$6,926,373	$1,731,593			$8,657,966
TOTALS	$6,926,373	$1,731,593	$0	$0	$8,657,966

PHARR	HIDALGO	1803-01-092	FM 1925	C	EDINBURG	TXDOT	$8,240,000

LIMITS FROM: 10TH ST
LIMITS TO: MCCOLL RD
PROJECT DESCRIPTION: WIDEN TO 6 LANE WITH RAISED MEDIAN
REMARKS:
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-290
FUNDING CAT(S): 2
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$403,760	COST OF
ROW PURCHASE:	$630,000	APPROVED
CONST COST:	$8,240,000	PHASES:
CONST ENG:	$0	$8,240,000
CONTING:	$535,600	
IND COSTS:	$510,880	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$10,320,240	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$6,592,000	$1,648,000			$8,240,000
TOTALS	$6,592,000	$1,648,000	$0	$0	$8,240,000

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	2094-01-063	FM 2220 (WARE RD)	C	MCALLEN	TXDOT	$17,000,000

LIMITS FROM: SH 107
LIMITS TO: FM 1925 (MONTE CRISTO
PROJECT DESCRIPTION: 6 LANE DIVIDED URBAN SECTION
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-20
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	**$632,830**	**COST OF**
ROW PURCHASE:	$2,640,000	**APPROVED**
CONST COST:	$17,000,000	**PHASES:**
CONST ENG:	$765,000	**$17,000,000**
CONTING:	$1,105,000	
IND COSTS:	$1,054,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$23,196,830	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$13,600,000	$3,400,000			$17,000,000
TOTALS	**$13,600,000**	**$3,400,000**	**$0**	**$0**	**$17,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0865-01-108	CS	C	PALMVIEW	TXDOT	$11,360,000

LIMITS FROM: ON VETERANS SH 495 FROM IH-2/US 83
LIMITS TO: SH 364 (LA HOMA RD)
PROJECT DESCRIPTION: 4 LANES DIVIDED URBAN
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-50
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$843,140	**COST OF**
ROW PURCHASE:	$2,699,360	**APPROVED**
CONST COST:	$11,360,000	**PHASES:**
CONST ENG:	$511,200	**$11,360,000**
CONTING:	$738,400	
IND COSTS:	$704,320	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$16,856,420	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$9,088,000	$2,272,000			$11,360,000
TOTALS	**$9,088,000**	**$2,272,000**	**$0**	**$0**	**$11,360,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1803-01-094	FM 1925	C	COUNTY	TXDOT	$20,000,000

LIMITS FROM: WALLACE
LIMITS TO: 10TH STREET
PROJECT DESCRIPTION: 6 LANE WITH RAISED MEDIAN
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-338
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$980,000	**COST OF**
ROW PURCHASE:	$3,000,000	**APPROVED**
CONST COST:	$20,000,000	**PHASES:**
CONST ENG:	$900,000	**$20,000,000**
CONTING:	$1,300,000	
IND COSTS:	$1,240,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$27,420,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$16,000,000	$4,000,000			$20,000,000
TOTALS	**$16,000,000**	**$4,000,000**	**$0**	**$0**	**$20,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1803-02-038	FM 1925	C	HCRMA	TXDOT	$15,700,000

LIMITS FROM: FM 88 E
LIMITS TO: FM 491 (MILE 1 W)
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-13
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$769,300
ROW PURCHASE:	$5,200,000
CONST COST:	$15,700,000
CONST ENG:	$706,500
CONTING:	$1,020,500
IND COSTS:	$973,400
BND FINANCING:	$0
TOTAL PROJECT COST:	$24,369,700

COST OF APPROVED PHASES: **$15,700,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$12,560,000	$3,140,000			$15,700,000
TOTALS	**$12,560,000**	**$3,140,000**	**$0**	**$0**	**$15,700,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1064-01-027	FM 676 (MILE 5)	C	ALTON	TXDOT	$10,075,374

LIMITS FROM: SH 107 (CONWAY)
LIMITS TO: TAYLOR RD
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-117c
FUNDING CAT(S): 2, 11

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$493,693
ROW PURCHASE:	$918,775
CONST COST:	$10,075,374
CONST ENG:	$453,392
CONTING:	$654,899
IND COSTS:	$624,673
BND FINANCING:	$0
TOTAL PROJECT COST:	$13,220,806

COST OF APPROVED PHASES: **$10,075,374**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$4,160,000	$1,040,000			$5,200,000
CAT 11	$3,900,299	$975,075			$4,875,374
TOTALS	**$8,060,299**	**$2,015,075**	**$0**	**$0**	**$10,075,374**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	1803-02-035	FM 1925	C	COUNTY	TXDOT	$10,000,000

LIMITS FROM: FM 907 (ALAMO RD)
LIMITS TO: SHARP RD
PROJECT DESCRIPTION: WIDEN TO 4 LANE DIVIDED
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-12aa
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$490,000
ROW PURCHASE:	$1,010,000
CONST COST:	$10,000,000
CONST ENG:	$450,000
CONTING:	$549,543
IND COSTS:	$620,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$13,119,543

COST OF APPROVED PHASES: **$10,000,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$8,000,000	$2,000,000			$10,000,000
TOTALS	**$8,000,000**	**$2,000,000**	**$0**	**$0**	**$10,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0528-01-112	SH 107 (CONWAY)	C	ALTON	TXDOT	$15,000,000

LIMITS FROM: FM 676
LIMITS TO: SH 107
PROJECT DESCRIPTION: CONSTRUCT 6 LANE DIVIDED URBAN
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: HC-343
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$735,000
ROW PURCHASE:	$0
CONST COST:	$15,000,000
CONST ENG:	$675,000
CONTING:	$975,000
IND COSTS:	$930,000
BND FINANCING:	$0
TOTAL PROJECT COST:	$18,315,000

COST OF APPROVED PHASES: **$15,000,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$12,000,000	$3,000,000			$15,000,000
TOTALS	**$12,000,000**	**$3,000,000**	**$0**	**$0**	**$15,000,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0528-01-113	SH 107 (CONWAY)	C	COUNTY	TXDOT	$10,600,000

LIMITS FROM: FM 676 (MILE 5 N)
LIMITS TO: FM 1924 (MILE 3 N)
PROJECT DESCRIPTION: CONSTRUCT 6 LANE DIVIDED RURAL
REMARKS
P7:

REVISION DATE: 5_2019
MPO PROJ NUMBER: HC-224
FUNDING CAT(S): 2

PROJECT HISTORY:
CE = 100% TXDOT

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$519,400
ROW PURCHASE:	$0
CONST COST:	$10,600,000
CONST ENG:	$525,760
CONTING:	$210,940
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$11,856,100

COST OF APPROVED PHASES: **$10,600,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$8,480,000	$2,120,000			$10,600,000
TOTALS	**$8,480,000**	**$2,120,000**	**$0**	**$0**	**$10,600,000**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0528-01-118	SH 107 (CONWAY)	C/E	COUNTY	TXDOT	$22,370,000

LIMITS FROM: FM 1924 (MILE 3 N)
LIMITS TO: SH 495
PROJECT DESCRIPTION: CONSTRUCT 6 LANE WITH RAISED MEDIAN
REMARKS E = PRELIMINARY AND CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 5_2019
MPO PROJ NUMBER: HC-383
FUNDING CAT(S): 1, 2

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$980,000
ROW PURCHASE:	$0
CONST COST:	$20,000,000
CONST ENG:	$992,000
CONTING:	$398,000
IND COSTS:	$0
BND FINANCING:	$0
TOTAL PROJECT COST:	$22,370,000

COST OF APPROVED PHASES: **$22,370,000**

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 1	$1,896,000	$474,000			$2,370,000
CAT 2	$16,000,000	$4,000,000			$20,000,000
TOTALS	**$17,896,000**	**$4,474,000**	**$0**	**$0**	**$22,370,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-341	DOVE AVE	C	MCALLEN	MCALLEN	$1,495,500

LIMITS FROM: 41st STREET
LIMITS TO: BENTSEN RD
PROJECT DESCRIPTION: CONSTRUCT 4 LANE URBAN ROADWAY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: HC-315
FUNDING CAT(S): 3 - LOCAL

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$68,807	**COST OF APPROVED PHASES:** **$1,495,500**
ROW PURCHASE:	$0	
CONST COST:	$1,404,225	
CONST ENG:	$70,211	
CONTING:	$91,275	
IND COSTS:	$87,062	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$1,721,580	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 3 - LOCAL				$1,495,500	$1,495,500
TOTALS	**$0**	**$0**	**$0**	**$1,495,500**	**$1,495,500**

PHARR	HIDALGO	0255-07-140	US 281	C/R/E	COUNTY	TXDOT	$93,549,000

LIMITS FROM: 0.273 mi **S** SH 186
LIMITS TO: 0.023 mi N FM 490
PROJECT DESCRIPTION: RURAL EXPRESSWAY FACILITY
REMARKS E = PRELIMINARY AND CONSTRUCTION ENGINEERING
P7:

REVISION DATE: 5_2019
MPO PROJ NUMBER: HC-384
FUNDING CAT(S): 4, 11

PROJECT HISTORY:

ADMINISTRATIVE

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$3,920,000	**COST OF APPROVED PHASES:** **$93,549,000**
ROW PURCHASE:	$4,813,000	
CONST COST:	$80,000,000	
CONST ENG:	$3,912,000	
CONTING:	$904,000	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$93,549,000	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 4	$62,072,000	$15,518,000			$77,590,000
CAT 11	$12,767,200	$3,191,800			$15,959,000
TOTALS	**$74,839,200**	**$18,709,800**	**$0**	**$0**	**$93,549,000**

PHARR	HIDALGO	0921-02-375	CS	C/R	PHARR	PHARR	$4,523,551

LIMITS FROM: ON HI LINE EAST FROM CAGE BLVD
LIMITS TO: VETERANS
PROJECT DESCRIPTION: WIDEN TO 2 LANE WITH CONTINUOUS LEFT TURN LANE
REMARKS
P7: CAT 7 FOR ROW= $350,000, CAT 7 FOR CONSTRUCTION= $4,173,551

REVISION DATE: 8_2019
MPO PROJ NUMBER: HC-336
FUNDING CAT(S): 7

PROJECT HISTORY:
UPDATED YEAR AND SCOPE

MOVED FROM 2023

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$204,504	**COST OF APPROVED PHASES:** **$4,523,551**
ROW PURCHASE:	$350,000	
CONST COST:	$4,173,551	
CONST ENG:	$208,678	
CONTING:	$271,281	
IND COSTS:	$258,760	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$5,466,774	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 7	$3,618,841	$0	$904,710	$0	$4,523,551
TOTALS	**$3,618,841**	**$0**	**$904,710**	**$0**	**$4,523,551**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Hidalgo County Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	HIDALGO	0921-02-432	PSJA TRICITY PED PHASE II	C	VARIOUS	PHARR	$2,196,840

LIMITS FROM: CITY PHARR
LIMITS TO: CITY ALAMO
PROJECT DESCRIPTION: NEW CONSTRUCTION OF PEDESTRIAN SAFETY IMPROVEMENTS
REMARKS
P7:

REVISION DATE: 7_2019
MPO PROJ NUMBER: HC-371
FUNDING CAT(S): 9, LOCAL

PROJECT HISTORY:

MOVE FROM 2020

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$0	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$2,196,840	**PHASES:**
CONST ENG:	$0	**$2,196,840**
CONTING:	$0	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$2,196,840	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 - TAP	$1,296,136		$324,034		$1,620,170
CAT 3 - LOCAL				$576,670	$576,670
TOTALS	**$1,296,136**	**$0**	**$324,034**	**$576,670**	**$2,196,840**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Harlingen San Benito Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

Funding by Category

		FY 2019		FY 2020		FY 2021		FY 2022		Total FY 2019 - 2022	
Category	Description	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2M or 2U	Urban Area (Non- TMA) Corridor Projects	$ 7,341,446	$ 7,341,446	$ -	$ -	$ 12,943,854	$ 12,943,854	$ 24,708,434	$ 24,708,434	$ 44,993,734	$ 44,993,734
3	Non-Traditionally Funded Transportation Project	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Statewide Connectivity Corridor Projects	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	CMAQ	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Structures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	Metro Mobility & Rehab	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	Safety	$ -	$ -	$ -	$ -	$ -	$ -	$ 651,026	$ 651,026	$ 651,026	$ 651,026
9	TAP / TASA	$ -	$ -	$ 1,097,431	$ 1,097,431	$ -	$ -	$ -	$ -	$ 1,097,431	$ 1,097,431
10	Supplemental Transportation	$ -	$ -	$ -	$ -	$ -	$ -	$ 686,000	$ 686,000	$ 686,000	$ 686,000
10 CBI	Corridor Border	$ -	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ -	$ -	$ 3,000,000	$ 3,000,000
11	District Discretionary	$ -	$ -	$ -	$ -	$ 4,500,000	$ 4,500,000	$ -	$ -	$ 4,500,000	$ 4,500,000
12	Strategic Priority	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12S	Cat 7 Reconciliation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SBPE	Strategy Budget PE	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SB 102	Strategy 102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
Total		$ 7,341,446	$ 7,341,446	$ 1,097,431	$ 1,097,431	$ 20,443,854	$ 20,443,854	$ 26,045,460	$ 26,045,460	$ 54,928,191	$ 54,928,191

Funding Participation Source

Source	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 19-22
Federal	$ 5,873,157	$ 877,945	$ 16,355,083	$ 19,438,670	$ 42,544,855
State	$ 1,468,289	$ 146,325	$ 4,088,771	$ 4,606,790	$ 10,310,175
*Local Match	$ -	$ 73,161	$ -	$ 2,000,000	$ 2,073,161
CAT 3 - Local Contributions (LC)	$ -	$ -	$ -	$ -	$ -
Other - Strategy 102 Budget	$ -	$ -	$ -	$ -	$ -
Total	$7,341,446	$1,097,431	$20,443,854	$26,045,460	$54,928,191

Annotations

1. *Local Match should be a percent of participation on a specific category of funding except non-traditional funding.
2. The TIP financial summary should be a total of all projects currently within your TIP, excluding grouped projects.
3. You can add / delete funding source rows as needed.
4. All non-traditional programmed amount should equal all non-traditional (CAT 3) funding source amounts

Harlingen San Benito Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2019

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0039-20-008	SPUR 54 RECONSTUCTION	C	HARLINGEN	TXDOT	$7,341,446

LIMITS FROM: CHESTER PARK ROAD
LIMITS TO: I-69E SB FRONTAGE ROAD
PROJECT DESCRIPTION: WIDEN ROADWAY TO SIX LANES W/ RAISED MEDIAN
REMARKS: ENVIRONMENTAL BY CCRMA
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: PHR-HSB-112
FUNDING CAT(S): CAT 2U

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$359,731	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$7,341,446	**PHASES:**
CONST ENG:	$468,384	**$7,341,446**
CONTING:	$94,705	
IND COSTS:	$468,384	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$8,732,650	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2U	$5,873,157	$1,468,289	$0	$0	$7,341,446
TOTALS	**$5,873,157**	**$1,468,289**	**$0**	**$0**	**$7,341,446**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Harlingen San Benito Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2020

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-311	CS	C,E	PRIMERA	CITY OF PRIMERA	$578,412

LIMITS FROM: 1000 FEET NORTH OF PRIMERA ROAD
LIMITS TO: ON STUART PLCE RD FROM FM 2994/WILSON ROAD
PROJECT DESCRIPTION: CONSTRUCTION OF 1.2 MI OF ADA ACCESSIBLE 5 TO 6 FOOT WIDE SIDEWALK
REMARKS: PROJECT NAME: PRIMERA STUART PLACE ROAD SIDEWALKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: PHR-HSB-128
FUNDING CAT(S): CAT 9

PROJECT HISTORY:
TxDOT 2017 TASA selection 10/26/17

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$21,690	**COST OF APPROVED PHASES:**
ROW PURCHASE:		
CONST COST:	$482,010	
CONST ENG:	$50,611	**$578,412**
CONTING:		
IND COSTS:	$24,101	
BND FINANCING:		
TOTAL PROJECT COST:	$578,412	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 (TASA)	$462,730	$77,122	$38,560		$578,412
TOTALS	**$462,730**	**$77,122**	**$38,560**	**$0**	**$578,412**

PHARR	CAMERON	0921-06-312	LOOP 499	C,E	HARLINGEN	CITY OF HARLINGEN	$519,019

LIMITS FROM: RIO HONDO ROAD
LIMITS TO: FM 106 (HARRISON AVE)
PROJECT DESCRIPTION: CONSTRUCTION OF 1.48 MI OF ADA-ACCESSIBLE 6FT WIDE SIDEWALKS
REMARKS: PROJECT NAME: HARLINGEN- LOOP 499 SIDEWALKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: PHR-HSB-127
FUNDING CAT(S): CAT 9

PROJECT HISTORY:
TxDOT 2017 TSA selection 10/26/17

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$19,463	**COST OF APPROVED PHASES:**
ROW PURCHASE:	$0	
CONST COST:	$432,516	
CONST ENG:	$45,414	**$519,019**
CONTING:	$0	
IND COSTS:	$21,626	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$519,019	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 9 (TASA)	$415,215	$69,203	$34,601	$0	$519,019
TOTALS	**$415,215**	**$69,203**	**$34,601**	**$0**	**$519,019**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Harlingen San Benito Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2021

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0327-08-092	I69E / US 77 RAMP REVERSALS	C	HARLINGEN	CITY OF HARLINGEN	$2,758,554

LIMITS FROM: INDUSTRIAL BLVD
LIMITS TO: LOOP 499/ PRIMERA RD
PROJECT DESCRIPTION: NB AND SB RAMPS REVERSAL
REMARKS
P7:

REVISION DATE: 6_2018
MPO PROJ NUMBER: PHR-HSB-115
FUNDING CAT(S): CAT 2U
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$135,169	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$2,758,554	**PHASES:**
CONST ENG:	$175,996	**$2,758,554**
CONTING:	$35,585	
IND COSTS:	$175,996	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$3,281,300	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2U	$2,206,843	$551,711	$0	$0	$2,758,554
TOTALS	**$2,206,843**	**$551,711**	**$0**	**$0**	**$2,758,554**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0342-03-037	SH 107	C	SANTA ROSA	CITY OF SANTA ROSA	$10,185,300

LIMITS FROM: LOUISIANA ST.
LIMITS TO: HOOKS E. HODGES RD
PROJECT DESCRIPTION: RECONSTRUCT TO 4 LANES C&G AND ADD ADA SIDEWALK
REMARKS
P7:

REVISION DATE: 6_2018
MPO PROJ NUMBER: PHR-HSB-118
FUNDING CAT(S): CAT 2U
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	**$499,080**	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$10,185,300	**PHASES:**
CONST ENG:	$649,822	**$10,185,300**
CONTING:	$131,390	
IND COSTS:	$649,822	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$12,115,414	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT2U	$8,148,240	$2,037,060	$0		$10,185,300
TOTALS	**$8,148,240**	**$2,037,060**	**$0**	**$0**	**$10,185,300**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-252	CS	C	HARLINGEN/SAN BENITO	CAMERON	$7,500,000

LIMITS FROM: S. PARALLEL CORRIDOR, FM509
LIMITS TO: FM 2520
PROJECT DESCRIPTION: NEW LOCATION - 2 LANE RURAL ROADWAY IN A PROPOSED 120 FOOT ROW - PHASE II
REMARKS
P7:

REVISION DATE: 11_2018
MPO PROJ NUMBER: PHR-HSB-133
FUNDING CAT(S): CAT 10- CBI, CAT 11- R11
PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:		**COST OF**
ROW PURCHASE:		**APPROVED**
CONST COST:	$7,500,000	**PHASES:**
CONST ENG:	$607,500	**$7,500,000**
CONTING:	$121,679	
IND COSTS:	$465,000	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$8,694,179	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 10	$2,400,000	$600,000			$3,000,000
CAT 11	$3,600,000	$900,000			$4,500,000
TOTALS	**$6,000,000**	**$1,500,000**	**$0**	**$0**	**$7,500,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Harlingen San Benito Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0327-08-102	BUS 77	C	HARLINGEN	TXDOT	$651,026

LIMITS FROM: JEFFERSON AVE
LIMITS TO: 0.035 MI S. OF SS 206
PROJECT DESCRIPTION: INSTALL RAISED MEDIAN
REMARKS
P7:

REVISION DATE: 5_19
MPO PROJ NUMBER: PHR-HSB-135
FUNDING CAT(S): 8

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$31,900	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$651,026	**PHASES:**
CONST ENG:	$18,554	**$651,026**
CONTING:	$6,706	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$708,186	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 8	$585,923	$65,103			$651,026
TOTALS	**$585,923**	**$65,103**	**$0**	**$0**	**$651,026**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0039-12-254	BUS 77	C	HARLINGEN	TXDOT	$708,434

LIMITS FROM: COMMERCE ST.
LIMITS TO: ARROYO BRIDGE
PROJECT DESCRIPTION: CONSTRUCT RAISED MEDIAN
REMARKS
P7:

REVISION DATE: 5_2019
MPO PROJ NUMBER: PHR-HSB-136
FUNDING CAT(S): 2U

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$34,713	**COST OF**
ROW PURCHASE:	$0	**APPROVED**
CONST COST:	$708,434	**PHASES:**
CONST ENG:	$35,138	**$708,434**
CONTING:	$14,098	
IND COSTS:	$0	
BND FINANCING:	$0	
TOTAL PROJECT COST:	$792,383	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$566,747	$141,687			$708,434
					$0
TOTALS	**$566,747**	**$141,687**	**$0**	**$0**	**$708,434**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	11-37-02-038	LOOP 499	C	HARLINGEN	TXDOT	$15,000,000

LIMITS FROM: BUSINESS 77
LIMITS TO: SS 206
PROJECT DESCRIPTION: CONSTRUCT 6 LANE ROAD WITH RAISED MEDIAN
REMARKS
P7:

REVISION DATE: 5_19
MPO PROJ NUMBER: PHR-HSB-137
FUNDING CAT(S): CAT 2U

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$735,000	**COST OF**
ROW PURCHASE:		**APPROVED**
CONST COST:	$15,000,000	**PHASES:**
CONST ENG:	$744,000	**$15,000,000**
CONTING:	$298,500	
IND COSTS:		
BND FINANCING:		
TOTAL PROJECT COST:	$16,777,500	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$12,000,000	$3,000,000			$15,000,000
TOTALS	**$12,000,000**	**$3,000,000**	**$0**	**$0**	**$15,000,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Harlingen San Benito Area - RGV MPO
FY 2019-2022 Transportation Improvement Program
Pharr District Projects
FY 2022

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
PHARR	CAMERON	0921-06-254	FM 509	E,R,C	HARLINGEN	CAMERON COUNTY RMA	$9,686,000

LIMITS FROM: FM 508
LIMITS TO: FM 1599
PROJECT DESCRIPTION: NEW LOCATION 2 LANE RURAL ROADWAY
REMARKS
P7:

REVISION DATE: 7_2018
MPO PROJ NUMBER: PHR-HSB-024
FUNDING CAT(S): CAT 2U, CAT 10, LOCAL

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION

PRELIM ENG:	$686,000	**COST OF**
ROW PURCHASE:	$2,000,000	**APPROVED**
CONST COST:	$7,000,000	**PHASES:**
CONST ENG:	$617,967	**$9,686,000**
CONTING:	$124,949	
IND COSTS:	$617,967	
BND FINANCING:		
TOTAL PROJECT COST:	$11,046,883	

AUTHORIZED FUNDING BY CATEGORY/SHARE

	FEDERAL	STATE	LOCAL	LC	TOTAL
CAT 2	$5,600,000	$1,400,000	$2,000,000		$9,000,000
CAT 10	$686,000				$686,000
					$0
TOTALS	**$6,286,000**	**$1,400,000**	**$2,000,000**	**$0**	**$9,686,000**

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
* FUNDING NOT FIXED

Rio Grande Valley MPO - Pharr District
FY 2019 - 2022 Transportation Improvement Program

Funding by Category

		FY 2019		FY 2020		FY 2021		FY 2022		Total FY 2019 - 2022	
Category	Description	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	$ -	$ -	$ 2,000,000	$ 2,000,000	$ -	$ -	$ 2,370,000	$ 2,370,000	$ 4,370,000	$ 4,370,000
2M or 2U	Urban Area (Non- TMA) Corridor Projects	$ 98,433,906	$ 98,433,906	$ 43,000,000	$ 43,000,000	$ 22,943,854	$ 22,943,854	$ 166,466,400	$ 166,466,400	$ 330,844,160	$ 330,844,160
3	Non-Traditionally Funded Transportation Project	$ 118,251,200	$ 118,251,200	$ 26,732,559	$ 26,732,559	$ 35,331,749	$ 35,331,749	$ 12,268,182	$ 12,268,182	$ 192,583,690	$ 192,583,690
4	Statewide Connectivity Corridor Projects	$ 170,800,001	$ 170,800,001	$ -	$ -	$ -	$ -	$ 77,590,000	$ 77,590,000	$ 248,390,001	$ 248,390,001
5	CMAQ	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Structures	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	Metro Mobility & Rehab	$ 51,146,076	$ 68,740,828	$ 23,518,000	$ 31,718,000	$ 33,613,674	$ 19,520,000	$ 54,443,518	$ 48,253,985	$ 162,721,268	$ 168,232,813
8	Safety	$ -	$ -	$ -	$ -	$ -	$ -	$ 651,026	$ 651,026	$ 651,026	$ 651,026
9	TAP / TASA	$ 4,295,961	$ 4,295,961	$ 2,237,721	$ 2,237,721	$ 1,508,741	$ 1,508,741	$ 2,006,182	$ 2,006,182	$ 10,048,605	$ 10,048,605
10	Supplemental Transportation	$ 4,939,320	$ 4,939,320	$ -	$ -	$ 603,687	$ 603,687	$ 8,097,515	$ 8,097,515	$ 13,640,522	$ 13,640,522
10 CBI	Corridor Border	$ 5,126,958	$ 5,126,958	$ 5,302,000	$ 5,302,000	$ 16,100,000	$ 16,100,000	$ 100,000	$ 100,000	$ 26,628,958	$ 26,628,958
11	District Discretionary	$ 12,876,028	$ 12,876,028	$ 3,000,000	$ 3,000,000	$ 13,500,000	$ 13,500,000	$ 20,834,374	$ 20,834,374	$ 50,210,402	$ 50,210,402
12	Strategic Priority	$ 257,295,735	$ 257,295,735	$ 67,068,412	$ 67,068,412	$ -	$ -	$ -	$ -	$ 324,364,147	$ 324,364,147
12S	Cat 7 Reconciliation	$ -	$ 800,000	$ -	$ 400,000	$ 800,000	$ 400,000	$ 400,000	$ 400,000	$ 1,200,000	$ 2,000,000
SBPE	Strategy Budget PE	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SB 102	Strategy 102	$ 92,629,626	$ 92,629,626	$ -	$ -	$ -	$ -	$ -	$ -	$ 92,629,626	$ 92,629,626
	Total	$ 815,794,811	$ 834,189,563	$ 172,858,692	$ 181,458,692	$ 124,401,705	$ 109,908,031	$ 345,227,197	$ 339,037,664	$ 1,458,282,405	$ 1,371,964,324

Funding Participation Source

Source	FY 2019	FY 2020	FY 2021	FY 2022	Total FY 19-22
Federal	$ 483,931,147	$ 116,900,907	$ 71,295,965	$ 266,224,119	$ 938,352,138
State	$ 123,424,166	$ 20,896,325	$ 7,888,771	$ 56,399,957	$ 208,609,219
*Local Match	$ 11,945,360	$ 8,328,901	$ 9,885,220	$ 13,389,939	$ 43,549,420
CAT 3 - Local Contributions (LC)	$ 103,864,512	$ 26,732,559	$ 35,331,749	$ 9,213,182	$ 175,142,002
Other - Strategy 102 Budget	$ 92,629,626	$ -	$ -	$ -	$ 92,629,626
Total	$ 815,794,811	$172,858,692	$124,401,705	$345,227,197	$ 1,458,282,405

Annotations

1. *Local Match should be a percent of participation on a specific category of funding except non-traditional funding.
2. The TIP financial summary should be a total of all projects currently within your TIP, excluding grouped projects.
3. You can add / delete funding source rows as needed.
4. All non-traditional programmed amount should equal all non-traditional (CAT 3) funding source amounts

FY 2019 TRANSIT PROJECT LISTING

BROWNSVILLE AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		TIGER
MPO Project #	BMPO-TGR2	**Federal (FTA) Funds:**	$	3,140,141
		State Funds from TxDOT:	$	-
Apportionment Year:	2017	**Other Funds:**	$	1,358,997
Project Phase:	Project 1: Improve Operations and Passenger Facility	**Fiscal Year Cost:**	$	4,499,138
Brief Project Description:	Phase 1: Rehabilitation of transit maintenance facility. Local match to subsequent components of TIGER project. Completed 2017-1,800,000 *Part of Total Project. Phase 2: Site and Safety Improvements. TIGER: 3,140,141; Local: 1,358,997. Phase 3: New Passenger Facility-East Side Transfer Station. Funded via Category 9 Funds (Federal and Local). Improvements CSJ:# 0921-06-304, shown in this TIP document under Highway Improvements. *Part of Total Project. (Category 9: 407,486; Local: 405,376)	**Total Project Cost (YOE):**	$	4,499,138
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		TIGER
MPO Project #	BMPO-TGR3	**Federal (FTA) Funds:**	$	2,020,000
		State Funds from TxDOT:	$	1,825,000
Apportionment Year:	2017	**Other Funds:**	$	1,555,000
Project Phase:	Project 3: Purchase Replacement Revenue Vehicles	**Fiscal Year Cost:**	$	5,400,000
Brief Project Description:	Purchase of Hybrid Buses- Purchase of eight transit buses, four hybrid diesel and four 40 ft. ULSD buses. [Funding Breakdown TIGER: $2,020,000; State: 1,825,000; Local: $1,555,000]	**Total Project Cost (YOE):**	$	5,400,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		TIGER
MPO Project #	BMPO-TGR4	**Federal (FTA) Funds:**	$	889,859
		State Funds from TxDOT:	$	-
Apportionment Year:	2017	**Other Funds:**	$	725,141
Project Phase:	Project 2: Improve Bus Stop Safety and Comfort	**Fiscal Year Cost:**	$	1,615,000
Brief Project Description:	Bus Stop Improvements - Improvements of approximately 54 bus stops. [Funding Breakdown TIGER: $539,859; CDBG: $350,000 = Total Federal: $889,859// COB: $326,131; Other: $399,010 = Total/ Local: 725,141] *11 Bus stops completed in 2017 with Local Match.	**Total Project Cost (YOE):**	$	1,615,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO100	**Federal (FTA) Funds:**	$	1,514,068
		State Funds from TxDOT:	$	507,231
Apportionment Year:	2019	**Other Funds:**	$	1,514,068
Project Phase:		**Fiscal Year Cost:**	$	3,535,367
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	3,535,367
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO101	**Federal (FTA) Funds:**	$	856,996
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	214,249
Project Phase:		**Fiscal Year Cost:**	$	1,071,245
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	1,071,245
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO102	**Federal (FTA) Funds:**	$	21,425
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	5,357
Project Phase:		**Fiscal Year Cost:**	$	26,782
Brief Project Description:	Planning Assistance-Short Range/Travel	**Total Project Cost (YOE):**	$	26,782
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5310
MPO Project #	PHRBMPO103	**Federal (FTA) Funds:**	$	165,814
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	41,454
Project Phase:		**Fiscal Year Cost:**	$	207,268
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	207,268
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5339
MPO Project #	PHRBMPO104	**Federal (FTA) Funds:**	$	234,811
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	41,438
Project Phase:		**Fiscal Year Cost:**	$	276,249
Brief Project Description:	Capital for Rolling Stock, Bus Equipment, Facilities, Stations/Terminals and Accessory/Misc. Equipment	**Total Project Cost (YOE):**	$	276,249
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5311 (f)
MPO Project #	PHRBMPO105	**Federal (FTA) Funds:**	$	155,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	155,000
Project Phase:		**Fiscal Year Cost:**	$	310,000
Brief Project Description:	Regional Service Partnership	**Total Project Cost (YOE):**	$	310,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,392,489
Local Share (5307)	$	1,733,674
State Share	$	2,332,231
Total Cost	$	6,458,394
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310	$	165,814
Local Share 5310	$	41,454
Federal Share 5339	$	234,811
Local Share 5339	$	41,438
Federal Share 5311	$	155,000
Local Share 5311	$	155,000
Federal Share TIGER	$	6,050,000
Local Share TIGER	$	3,639,138
Total	$	16,941,049
Developmental Credits	$	-

FY 2020 TRANSIT PROJECT LISTING

BROWNSVILLE AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO106	**Federal (FTA) Funds**	$	1,514,068
		State Funds from TxDOT:	$	507,231
Apportionment Year:	2020	**Other Funds:**	$	1,514,068
Project Phase:		**Fiscal Year Cost:**	$	3,535,367
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	3,535,367
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO107	**Federal (FTA) Funds**	$	856,996
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	214,249
Project Phase:		**Fiscal Year Cost:**	$	1,071,245
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	1,071,245
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO108	**Federal (FTA) Funds**	$	21,425
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	5,357
Project Phase:		**Fiscal Year Cost:**	$	26,782
Brief Project Description:	Planning Assistance-Short Range/Travel	**Total Project Cost (YOE):**	$	26,782
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5310
MPO Project #	PHRBMPO109	**Federal (FTA) Funds**	$	165,814
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	41,454
Project Phase:		**Fiscal Year Cost:**	$	207,268
Brief Project Description:	Planning Assistance-Short Range/Travel	**Total Project Cost (YOE):**	$	207,268
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5339
MPO Project #	PHRBMPO110	**Federal (FTA) Funds**	$	234,811
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	41,438
Project Phase:		**Fiscal Year Cost:**	$	276,249
Brief Project Description:	Capital for Rolling Stock, Bus Equipment, Facilities, Stations/Terminals and Accessory/Misc. Equipment	**Total Project Cost (YOE):**	$	276,249
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5311 (f)
MPO Project #	PHRBMPO111	**Federal (FTA) Funds**	$	155,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	155,000
Project Phase:		**Fiscal Year Cost:**	$	310,000
Brief Project Description:	Regional Service Partnership	**Total Project Cost (YOE):**	$	310,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,392,489
Local Share (5307)	$	1,733,674
State Share	$	507,231
Total Cost	$	4,633,394
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310	$	165,814
Local Share 5310	$	41,454
Federal Share 5339	$	234,811
Local Share 5339	$	41,438
Federal Share 5311	$	155,000
Local Share 5311	$	155,000
Federal Share TIGER		
Local Share TIGER		
Total	$	5,426,911

Developmental Credits

FY 2021 TRANSIT PROJECT LISTING

BROWNSVILLE AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO112	**Federal (FTA) Funds:**	$	1,514,068
		State Funds from TxDOT:	$	507,231
Apportionment Year:	2021	**Other Funds:**	$	1,514,068
Project Phase:		**Fiscal Year Cost:**	$	3,535,367
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	3,535,367
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO113	**Federal (FTA) Funds:**	$	856,996
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	214,249
Project Phase:		**Fiscal Year Cost:**	$	1,071,245
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	1,071,245
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO114	**Federal (FTA) Funds:**	$	21,245
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	5,357
Project Phase:		**Fiscal Year Cost:**	$	26,782
Brief Project Description:	Planning Assistance-Short Range/Travel	**Total Project Cost (YOE):**	$	26,782
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5310
MPO Project #	PHRBMPO115	**Federal (FTA) Funds:**	$	165,814
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	41,454
Project Phase:		**Fiscal Year Cost:**	$	207,268
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	207,268
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5339
MPO Project #	PHRBMPO116	**Federal (FTA) Funds:**	$	234,811
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	41,438
Project Phase:		**Fiscal Year Cost:**	$	276,249
Brief Project Description:	Capital for Rolling Stock, Bus Equipment, Facilities, Stations/Terminals and Accessory/Misc. Equipment	**Total Project Cost (YOE):**	$	276,249
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5311 (f)
MPO Project #	PHRBMPO117	**Federal (FTA) Funds:**	$	155,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	155,000
Project Phase:		**Fiscal Year Cost:**	$	310,000
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	310,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,392,309
Local Share (5307)	$	1,733,674
State Share	$	507,231
Total Cost	$	4,633,214
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310	$	165,814
Local Share 5310	$	41,454
Federal Share 5339	$	234,811
Local Share 5339	$	41,438
Federal Share 5311	$	155,000
Local Share 5311	$	155,000
Federal Share TIGER		
Local Share TIGER		
Total	$	5,426,731

Developmental Credits

FY 2022 TRANSIT PROJECT LISTING

BROWNSVILLE AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT — YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO118	**Federal (FTA) Funds:**	$	1,514,068
		State Funds from TxDOT:	$	507,231
Apportionment Year:	2022	**Other Funds:**	$	1,514,068
Project Phase:		**Fiscal Year Cost:**	$	3,535,367
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	3,535,367
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO119	**Federal (FTA) Funds:**	$	856,996
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	214,249
Project Phase:		**Fiscal Year Cost:**	$	1,071,245
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	1,071,245
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5307
MPO Project #	PHRBMPO120	**Federal (FTA) Funds:**	$	21,245
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	5,357
Project Phase:		**Fiscal Year Cost:**	$	26,782
Brief Project Description:	Planning Assistance-Short Range/Travel	**Total Project Cost (YOE):**	$	26,782
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5310
MPO Project #	PHRBMPO121	**Federal (FTA) Funds:**	$	165,814
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	41,454
Project Phase:		**Fiscal Year Cost:**	$	207,268
Brief Project Description:	Other Capital Program Items (PM)	**Total Project Cost (YOE):**	$	207,268
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5339
MPO Project #	PHRBMPO122	**Federal (FTA) Funds:**	$	234,811
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	41,438
Project Phase:		**Fiscal Year Cost:**	$	276,249
Brief Project Description:	Capital for Rolling Stock, Bus Equipment, Facilities, Stations/Terminals and Accessory/Misc. Equipment	**Total Project Cost (YOE):**	$	276,249
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of Brownsville	**Federal Funding Category:**		5311 (f)
MPO Project #	PHRBMPO123	**Federal (FTA) Funds:**	$	155,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	155,000
Project Phase:		**Fiscal Year Cost:**	$	310,000
Brief Project Description:	Regional Service Partnership	**Total Project Cost (YOE):**	$	310,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,392,309
Local Share (5307)	$	1,733,674
State Share	$	507,231
Total Cost	$	4,633,214
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310	$	165,814
Local Share 5310	$	41,454
Federal Share 5339	$	234,811
Local Share 5339	$	41,438
Federal Share 5311	$	155,000
Local Share 5311	$	155,000
Federal Share TIGER		
Local Share TIGER		
Total	$	5,426,731

Developmental Credits

Transit Financial Summary
Brownsville Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars — Current as of August 2019

	Transit Program	FY 2019 Federal	FY 2019 State/Other	FY 2019 Total	FY 2020 Federal	FY 2020 State/Other	FY 2020 Total	FY 2021 Federal	FY 2021 State/Other	FY 2021 Total
1	**Sec. 5307 - Urbanized Formula >200K**	2,392,489	2,240,905	4,633,394	2,392,489	2,240,905	4,633,394	2,392,489	2,240,905	4,633,394
2	**Sec. 5307 - Urbanized Formula <200K**									
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	165,814	41,454	207,268	165,814	41,454	207,268	165,814	41,454	207,268
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	234,811.00	41,438.00	276,249.00	234,811.00	41,438.00	276,249.00	234,811.00	41,438.00	276,249.00
13	**Other FTA - 5311 (f)**	155,000.00	1,980,000	2,135,000	155,000	155,000	310,000	155,000	155,000	310,000
14	**Regionally Significant or Other**	6,050,000	3,639,138	9,689,138	0	0	0	0	0	0
	Total Funds	**$8,998,114**	**$7,942,935**	**$16,941,049**	**$2,948,114**	**$2,478,797**	**$5,426,911**	**$2,948,114**	**$2,478,797**	**$5,426,911**
	Transportation Development Credits									
	Requested									
	Awarded			$0			$0			$0

All Figures in Year of Expenditure (YOE) Dollars

	Transit Program	FY 2022 Federal	FY 2022 State/Other	FY 2022 Total	Total Federal	Total State/Other	Total Total
1	**Sec. 5307 - Urbanized Formula >200K**	2,392,489	2,240,905	4,633,394	9,569,956	8,963,620	18,533,576
2	**Sec. 5307 - Urbanized Formula <200K**						
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	165,814	41,454	207,268	663,256	165,816	829,072
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	234,811.00	41,438.00	276,249.00	$ 939,244.00	165,752	1,104,996
13	**Other FTA - 5311 (f)**	155,000	155,000	310,000	620,000	2,445,000	3,065,000
14	**Regionally Significant or Other**	0	0	0	6,050,000	3,639,138	9,689,138
	Total Funds	**$2,948,114**	**$2,478,797**	**$5,426,911**	**$17,842,456**	**$15,379,326**	**$33,221,782**
	Transportation Development Credits						
	Requested						$0
	Awarded			$0			$0

FY 2019 TRANSIT PROJECT LISTING

HARLINGEN-SAN BENITO AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2019-001	**Federal (FTA) Funds:**	$	2,060,377
		State Funds from TxDOT:	$	-
Apportionment Year:	2015 ($447,259) | 2018 ($613,118) | 2019 ($1,000,000)	**Other Funds:**	$	2,060,377
Project Phase:		**Fiscal Year Cost:**	$	4,120,754
Brief Project Description:	Operations - Harlingen Urbanized Area	**Total Project Cost (YOE):**	$	4,120,754
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2019-002	**Federal (FTA) Funds:**	$	900,283
		State Funds from TxDOT:	$	-
Apportionment Year:	2015 ($200,000) | 2018 ($400,000 TDCs) | 2019 ($300,283)	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	900,283
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	900,283
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	180,057
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2019-003	**Federal (FTA) Funds:**	$	5,000,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2016 ($1,901,665) | 2017 ($2,029,505) | 2018 ($1,068,830)	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	5,000,000
Brief Project Description:	Harlingen Multimodal Terminal (A&E, Construction, Misc.)	**Total Project Cost (YOE):**	$	5,000,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	1,000,000
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2019-004	**Federal (FTA) Funds:**	$	1,744,995
		State Funds from TxDOT:	$	-
Apportionment Year:	2015 ($1,163,330) | 2019 ($581,665)	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	1,744,995
Brief Project Description:	Rolling Stock (ADA)	**Total Project Cost (YOE):**	$	1,744,995
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	348,999
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2019-005	**Federal (FTA) Funds:**	$	225,787
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	225,787
Brief Project Description:	Fare Equipment	**Total Project Cost (YOE):**	$	225,787
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	45,157
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339 (b)
MPO Project #	HSB-2019-006	**Federal (FTA) Funds:**	$	661,342
		State Funds from TxDOT:	$	165,336
Apportionment Year:	2018	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	826,678
Brief Project Description:	UTRGV Bus Facilities 5339 (b)	**Total Project Cost (YOE):**	$	826,678
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	9,931,442
Local Share (5307)	$	2,060,377
Federal Share 5310	$	-
Local Share 5310	$	-
State Share		
Total Cost	$	11,991,819
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5339	$	661,342
Local/State Share 5339	$	165,336
Total	$	12,818,497
Development credits	$	1,574,213

FY 2020 TRANSIT PROJECT LISTING

HARLINGEN-SAN BENITO AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2020-001	**Federal (FTA) Funds:**	$	280,283
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	56,057
Project Phase:		**Fiscal Year Cost:**	$	336,340
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	336,340
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2020-002	**Federal (FTA) Funds:**	$	220,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	220,000
Brief Project Description:	Transit Planning COA	**Total Project Cost (YOE):**	$	220,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	44,000
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2020-003	**Federal (FTA) Funds:**	$	1,527,452
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	1,527,452
Brief Project Description:	Harlingen Multimodal Terminal (A&E, Construction, Misc.)	**Total Project Cost (YOE):**	$	1,527,452
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	305,490
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,027,735
Local Share (5307)	$	56,057
State Share	$	-
Total Cost	$	2,083,792
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310		
Local Share 5310		
Federal Share 5339		
Local Share 5339		
Total	$	2,083,792
Development credits	$	349,490

FY 2021 TRANSIT PROJECT LISTING

HARLINGEN-SAN BENITO AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2021-001	**Federal (FTA) Funds:**	$	1,000,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	1,000,000
Project Phase:		**Fiscal Year Cost:**	$	2,000,000
Brief Project Description:	Operations - Harlingen Urbanized Area	**Total Project Cost (YOE):**	$	2,000,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2021-002	**Federal (FTA) Funds:**	$	280,283
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	56,057
Project Phase:		**Fiscal Year Cost:**	$	336,340
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	336,340
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2021-003	**Federal (FTA) Funds:**	$	607,452
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	607,452
Brief Project Description:	Capital Involvement Plan (Fleet & Bus Stops)	**Total Project Cost (YOE):**	$	607,452
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	121,490
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2021-004	**Federal (FTA) Funds:**	$	300,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2020 ($80,000) | 2021 ($220,000)	**Other Funds:**	$	132,000
Project Phase:		**Fiscal Year Cost:**	$	432,000
Brief Project Description:	San Benito Sidewalk Project	**Total Project Cost (YOE):**	$	432,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,187,735
Local Share (5307)	$	1,188,057
State Share		
Total Cost	$	3,375,792
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310		
Local Share 5310		
Federal Share 5339		
Local Share 5339		
Total	$	3,375,792
Development credits	$	121,490

FY 2022 TRANSIT PROJECT LISTING

HARLINGEN-SAN BENITO AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2022-001	**Federal (FTA) Funds:**	$	1,245,787
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	1,245,787
Project Phase:		**Fiscal Year Cost:**	$	2,491,574
Brief Project Description:	Operations - Harlingen Urbanized Area	**Total Project Cost (YOE):**	$	2,491,574
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2022-002	**Federal (FTA) Funds:**	$	200,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	40,000
Project Phase:		**Fiscal Year Cost:**	$	240,000
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	240,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HSB-2022-003	**Federal (FTA) Funds:**	$	581,665
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	581,665
Brief Project Description:	Capital Involvement Plan	**Total Project Cost (YOE):**	$	581,665
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	116,333
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	2,027,452
Local Share (5307)	$	1,285,787
State Share		
Total Cost	$	3,313,239
Federal JARC		
Local JARC		
Federal New Freedom		
Local New Freedom		
Federal Share 5310		
Local Share 5310		
Federal Share 5339		
Local Share 5339		
Total	$	3,313,239
Development credits	$	116,333

Transit Financial Summary
Harlingen-San Benito Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars — Current as of August 2019

	Transit Program	FY 2019 Federal	FY 2019 State/Other	FY 2019 Total	FY 2020 Federal	FY 2020 State/Other	FY 2020 Total	FY 2021 Federal	FY 2021 State/Other	FY 2021 Total
1	**Sec. 5307 - Urbanized Formula >200K**							0	0	0
2	**Sec. 5307 - Urbanized Formula <200K**	9,931,442	2,060,377	11,991,819	2,027,735	56,057	2,083,792	2,187,735	1,188,057	3,375,792
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	0	0	0	0	0	0	0	0	0
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	$ 661,342	165,336	826,678	0	0	0	0	0	0
13	**Other FTA**	0	0	0	0	0	0	0	0	0
14	**Regionally Significant or Other**	0	0	0	0	0	0	0	0	0
	Total Funds	**$10,592,784**	**$2,225,713**	**$12,818,497**	**$2,027,735**	**$56,057**	**$2,083,792**	**$2,187,735**	**$1,188,057**	**$3,375,792**
	Transportation Development Credits									
	Requested			$1,574,213			$349,490			$121,490
	Awarded			$0			$0			$0

All Figures in Year of Expenditure (YOE) Dollars

	Transit Program	FY 2022 Federal	FY 2022 State/Other	FY 2022 Total	Total Federal	Total State/Other	Total Total
1	**Sec. 5307 - Urbanized Formula >200K**			0	0	0	0
2	**Sec. 5307 - Urbanized Formula <200K**	2,027,452	1,285,787	3,313,239	16,174,364	4,590,278	20,764,642
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	0	0	0	0	0	0
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	0	0	0	661,342	165,336	826,678
13	**Other FTA - 5311 (f)**	0	0	0	0	0	0
14	**Regionally Significant or Other**	0	0	0	0	0	0
	Total Funds	**$2,027,452**	**$1,285,787**	**$3,313,239**	**$16,835,706**	**$4,755,614**	**$21,591,320**
	Transportation Development Credits						
	Requested			$116,333			$2,161,526
	Awarded			$0			$0

FY 2019 TRANSIT PROJECT LISTING

HIDALGO COUNTY AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT

YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-046	**Federal (FTA) Funds:**	$	532,369
		State Funds from TxDOT:	$	-
Apportionment Year:	2018	**Other Funds:**	$	106,474
Project Phase:		**Fiscal Year Cost:**	$	532,369
Brief Project Description:	Capital - Fare Collection	**Total Project Cost (YOE):**	$	532,369
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	106,474
Amendment Date & Action:	4-17-14:Added | Revised 12.11.2017 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-047	**Federal (FTA) Funds:**	$	44,895
		State Funds from TxDOT:	$	-
Apportionment Year:		**Other Funds:**	$	8,979
Project Phase:	(2019) 44,895	**Fiscal Year Cost:**	$	53,874
Brief Project Description:	Capital/Operations/Admin.	**Total Project Cost (YOE):**	$	53,874
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	4-17-14:Added | Moved 3/27/2018 | Revised 3/16/19 | Revised 6/20/2019	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-059	**Federal (FTA) Funds:**	$	298,921
		State Funds from TxDOT:	$	-
Apportionment Year:	2016	**Other Funds:**	$	74,730
Project Phase:		**Fiscal Year Cost:**	$	298,921
Brief Project Description:	Capital - Mechanics, Assistance & Preventive Maintenance	**Total Project Cost (YOE):**	$	298,921
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	74,730
Amendment Date & Action:	10-15-15 Added; Moved from 2015 to 2017 | Moved 3/27/2018 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-065	**Federal (FTA) Funds:**	$	801,023
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	160,205
Project Phase:		**Fiscal Year Cost:**	$	961,228
Brief Project Description:	Fleet Expansion (Trolleys)	**Total Project Cost (YOE):**	$	961,228
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 | Revised 3/27/2018 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-066	**Federal (FTA) Funds:**	$	820,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	164,000
Project Phase:		**Fiscal Year Cost:**	$	820,000
Brief Project Description:	Capital - Mechanics, Assistance & Preventive Maintenance	**Total Project Cost (YOE):**	$	820,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	164,000
Amendment Date & Action:	Added 4/21/2016 | Revised 3/27/2018 | Revised 11/30/18 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-067	**Federal (FTA) Funds:**	$	3,457,198
		State Funds from TxDOT:	$	-
Apportionment Year:	(2017) $731,902 (2018) $1,136,148 (2019) $1,589,148	**Other Funds:**	$	3,457,198
Project Phase:		**Fiscal Year Cost:**	$	6,914,396
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	6,914,396
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 | Revised 3/27/2018 | Revised 11/30/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		
MPO Project #	HCVM-068	**Federal (FTA) Funds:**	$	-
		State Funds from TxDOT:	$	250,709
Apportionment Year:	2019	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	250,709
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	250,709
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-069	**Federal (FTA) Funds:**	$	720,084
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	43,205
Project Phase:		**Fiscal Year Cost:**	$	763,289
Brief Project Description:	Capital Support and Revenue Vehicles (Valley Metro & UTRGV)	**Total Project Cost (YOE):**	$	763,289
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	100,812
Amendment Date & Action:	Added 4/21/2016 | Revised 3/27/2018 Revised 11/30/18 | Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-077	**Federal (FTA) Funds:**	$	202,920
		State Funds from TxDOT:	$	-
Apportionment Year:	2018	**Other Funds:**	$	40,584
Project Phase:		**Fiscal Year Cost:**	$	243,504
Brief Project Description:	Technology	**Total Project Cost (YOE):**	$	243,504
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	40,584
Amendment Date & Action:	09.19.2016 Added | Moved 3/27/2018 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-079	**Federal (FTA) Funds:**	$	300,000
		State Funds from TxDOT:	$	-
Apportionment Year:	(2018) $96,000 (2019) $204,000	**Other Funds:**	$	60,000
Project Phase:		**Fiscal Year Cost:**	$	360,000
Brief Project Description:	Planning Study	**Total Project Cost (YOE):**	$	360,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:	Added 12.11.2017 | Revised and Moved 3/27/2018 / Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339(b)
MPO Project #	HCVM-092	**Federal (FTA) Funds:**	$	661,342
		State Funds from TxDOT:	$	-
Apportionment Year:	2018	**Other Funds:**	$	165,336
Project Phase:		**Fiscal Year Cost:**	$	826,678
Brief Project Description:	UTRGV Bus Facilities	**Total Project Cost (YOE):**	$	826,678
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 11/30/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-093	**Federal (FTA) Funds:**	$	973,566
		State Funds from TxDOT:	$	-
Apportionment Year:	(2016) $ 403,876 (2017) $ 569,690	**Other Funds:**	$	194,713
Project Phase:		**Fiscal Year Cost:**	$	1,168,279
Brief Project Description:	Fleet Capital & Expansion	**Total Project Cost (YOE):**	$	1,168,279
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Moved and Revised from FY 17 11/30/18 | Revised 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-095	**Federal (FTA) Funds:**	$	253,566
		State Funds from TxDOT:	$	-
Apportionment Year:	2018 (253,566)	**Other Funds:**	$	50,713
Project Phase:		**Fiscal Year Cost:**	$	253,566
Brief Project Description:	Capital - Support and Revenue Vehicles	**Total Project Cost (YOE):**	$	253,566
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	50,713
Amendment Date & Action:	Added 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-096	**Federal (FTA) Funds:**	$	295,098
		State Funds from TxDOT:	$	-
Apportionment Year:	2017 (232,098) 2018 (63,000)	**Other Funds:**	$	59,020
Project Phase:		**Fiscal Year Cost:**	$	295,098
Brief Project Description:	Bus Stop Improvements	**Total Project Cost (YOE):**	$	295,098
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	59,020
Amendment Date & Action:	Added 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-097	**Federal (FTA) Funds:**	$	1,920,023
		State Funds from TxDOT:	$	-
Apportionment Year:	2017 (920,023) 2018 (1,000,000)	**Other Funds:**	$	384,005
Project Phase:		**Fiscal Year Cost:**	$	2,304,028
Brief Project Description:	San Juan Transit Station	**Total Project Cost (YOE):**	$	2,304,028
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-098	**Federal (FTA) Funds:**	$	120,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	24,000
Project Phase:		**Fiscal Year Cost:**	$	120,000
Brief Project Description:	Support Vehicles (Maintenance/Support)	**Total Project Cost (YOE):**	$	120,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	24,000
Amendment Date & Action:	Added 3/16/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-099	**Federal (FTA) Funds:**	$	80,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2018	**Other Funds:**	$	16,000
Project Phase:		**Fiscal Year Cost:**	$	96,000
Brief Project Description:	La Villa Streetscape Project	**Total Project Cost (YOE):**	$	96,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	-
Amendment Date & Action:	Moved from 2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-100	**Federal (FTA) Funds:**	$	1,537,662
		State Funds from TxDOT:	$	-
Apportionment Year:	(2017) 525,245 (2018) 537,641 (2019) 474,776	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	1,537,662
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	1,537,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	307,532
Amendment Date & Action:	4-17-14:Added | Moved 3/27/2018 | Revised 3/16/19 | Revised 6/20/2019	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-101	**Federal (FTA) Funds:**	$	25,000
		State Funds from TxDOT:	$	-
Apportionment Year:		**Other Funds:**	$	25,000
Project Phase:	(2019) 25,000	**Fiscal Year Cost:**	$	50,000
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	50,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-102	**Federal (FTA) Funds:**	$	178,618
		State Funds from TxDOT:	$	-
Apportionment Year:	(2017) 58,361 (2018) 59,738	**Other Funds:**		
Project Phase:	(2019) 60,519	**Fiscal Year Cost:**	$	178,618
Brief Project Description:	Admin.	**Total Project Cost (YOE):**	$	178,618
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:		**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-013	**Federal (FTA) Funds:**	$	750,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2016	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	750,000
Brief Project Description:	Bus Shelters	**Total Project Cost (YOE):**	$	750,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	187,500
Amendment Date & Action:	4-17-14: Added; 3/6/2017: Moved from 2016; Moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-022	**Federal (FTA) Funds:**	$	2,700,000
		State Funds from TxDOT:		
Apportionment Year:	2015 ($ 1,740,000); 2016 ($ 320,000): 2018 (640,000)	**Other Funds:** Admin.		
Project Phase:		**Fiscal Year Cost:**	$	2,700,000
Brief Project Description:	New Facility Construction	**Total Project Cost (YOE):**	$	2,700,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	675,000
Amendment Date & Action:	4-17-14: Added; 3/19/15 Revised; 3/6/2017: Moved from 2016 | 8/31/2017 Revised and Moved from 2017 : Revised 11/27/2017; Moved 09.10.2018 | Revised 8/21/2019	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-024	**Federal (FTA) Funds:**	$	3,000,000
		State Funds from TxDOT:		
Apportionment Year:	2016 ($2,000,000)| 2017 ($1,000,000)	**Other Funds:** Admin.	$	-
Project Phase:		**Fiscal Year Cost:**	$	3,000,000
Brief Project Description:	Accessibility Improvements & Pathways	**Total Project Cost (YOE):**	$	3,000,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	750,000
Amendment Date & Action:	4-17-14: Added; 3/19/15 Revised; 3/6/2017 Moved from 2016 | 8/31/2017 Moved from 2017 - 3/20/19 | Added $1,000,000 from 2017 funds - 7.11.19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	CITY OF MCALLEN	**Federal Funding Category:**		5307
MPO Project #	HCMM-025	**Federal (FTA) Funds:**	$	887,831
		State Funds from TxDOT:	$	-
Apportionment Year:	2017	**Other Funds:**	$	887,831
Project Phase:		**Fiscal Year Cost:**	$	1,775,662
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,775,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	4-17-2014 : Added| 8/31/2017 Moved from 2017 | Subtracted $1,000,000 - 7.11.19	**Trans. Deve Credits Awarded (Date & Amount):**		

Admin.

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-026	**Federal (FTA) Funds:**	$	1,457,192
		State Funds from TxDOT:	$	-
Apportionment Year:	2016: $139,212 | 2017: $1,317,980	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	1,457,192
Brief Project Description:	Bus procurement - Replacement	**Total Project Cost (YOE):**	$	1,457,192
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	364,298
Amendment Date & Action:	4-17-14:Added | 8/31/2017 Revised and Moved from 2017	**Trans. Deve Credits Awarded (Date & Amount):**		

Admin.

General Project Information		Funding Information (YOE)		
Project Sponsor:	CITY OF MCALLEN	**Federal Funding Category:**		5307
MPO Project #	HCMM-028	**Federal (FTA) Funds:**	$	556,978
		State Funds from TxDOT:	$	-
Apportionment Year:	2018	**Other Funds:**	$	556,978
Project Phase:		**Fiscal Year Cost:**	$	1,113,956
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,113,956
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	4-17-2014 : Added | Changed funding amount 8/21/19	**Trans. Deve Credits Awarded (Date & Amount):**		

Admin.

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-029	**Federal (FTA) Funds:**	$	2,710,929
		State Funds from TxDOT:	$	-
Apportionment Year:	2018 ($2,217,192)| 2019 ($493,737)	**Other Funds:** Admin.		
Project Phase:		**Fiscal Year Cost:**	$	2,710,929
Brief Project Description:	Bus procurement - Replacement	**Total Project Cost (YOE):**	$	2,710,929
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	677,732
Amendment Date & Action:	4-17-14:Added | Added $493,737 from 2019 Split Letter	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	CITY OF MCALLEN	**Federal Funding Category:**		5307
MPO Project #	HCMM-036	**Federal (FTA) Funds:**	$	687,831
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	687,831
Project Phase:		**Fiscal Year Cost:**	$	1,375,662
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,375,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-037	**Federal (FTA) Funds:**	$	600,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	150,000
Project Phase:		**Fiscal Year Cost:**	$	750,000
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	750,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 - Revised 3/20/19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		
MPO Project #	HCMM-038	**Federal (FTA) Funds:**	$	-
		State Funds from TxDOT:	$	210,057
Apportionment Year:	2019	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	210,057
Brief Project Description:	Administration / Operation	**Total Project Cost (YOE):**	$	210,057
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-042	**Federal (FTA) Funds:**	$	90,000
		State Funds from TxDOT:		
Apportionment Year:	2017	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	90,000
Brief Project Description:	Bike Amenities	**Total Project Cost (YOE):**	$	90,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	10,000
Amendment Date & Action:	3/6/2017 Added | 8/31/2017 Moved from 2017; Moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-044	**Federal (FTA) Funds:**	$	25,000
		State Funds from TxDOT:		
Apportionment Year:	2017	**Other Funds:**	$	6,250
Project Phase:		**Fiscal Year Cost:**	$	31,250
Brief Project Description:	Training	**Total Project Cost (YOE):**	$	31,250
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	11/08/2017 Added; Moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-045	**Federal (FTA) Funds:**	$	55,985
		State Funds from TxDOT:		
Apportionment Year:	2017	**Other Funds:**	$	55,985
Project Phase:		**Fiscal Year Cost:**	$	111,970
Brief Project Description:	Marketing	**Total Project Cost (YOE):**	$	111,970
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	11/08/2017 Added; Moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-046	**Federal (FTA) Funds:**	$	40,000
		State Funds from TxDOT:		
Apportionment Year:	2017	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	40,000
Brief Project Description:	Safety & Security Improvements	**Total Project Cost (YOE):**	$	40,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	10,000
Amendment Date & Action:	11/08/2017 Added; Moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-053	**Federal (FTA) Funds:**	$	242,644
		State Funds from TxDOT:		
Apportionment Year:	2015	**Other Funds:**	$	60,661
Project Phase:		**Fiscal Year Cost:**	$	242,644
Brief Project Description:	Capitalize Paratransit	**Total Project Cost (YOE):**	$	242,644
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	60,661
Amendment Date & Action:	11/08/2017 Added; moved 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-054	**Federal (FTA) Funds:**	$	149,536
		State Funds from TxDOT:		
Apportionment Year:	2014	**Other Funds:**	$	37,384
Project Phase:		**Fiscal Year Cost:**	$	186,920
Brief Project Description:	Bike Amenities	**Total Project Cost (YOE):**	$	186,920
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 09.10.2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-055	**Federal (FTA) Funds:**	$	1,617,192
		State Funds from TxDOT:	$	-
Apportionment Year:	2019	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	1,617,192
Brief Project Description:	Park and Ride South	**Total Project Cost (YOE):**	$	1,617,192
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**	$	404,298
Amendment Date & Action:	Added 3/20/19	**Trans. Deve Credits Awarded (Date & Amount):**		

Moved to 2020

Federal Share (5307)	$	22,249,109
Local Share (5307)	$	6,459,667
Federal Share 5310	$	1,786,175
Local Share 5310	$	33,979
State Share	$	460,766
Total Cost	$	30,989,696
Federal JARC	$	-
Local JARC	$	-
Federal New Freedom	$	-
Local New Freedom	$	-
Federal Share 5339	$	3,140,927
Local Share 5339	$	403,254
Total	$	34,533,876
Development credits	$	3,663,056

FY 2020 TRANSIT PROJECT LISTING

HIDALGO COUNTY AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-071	**Federal (FTA) Funds:**	$	520,023
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	130,006
Project Phase:		**Fiscal Year Cost:**	$	650,029
Brief Project Description:	Hidalgo County Transit Capital Improvement Program	**Total Project Cost (YOE):**	$	650,029
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 | Revised 11/30/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-072	**Federal (FTA) Funds:**	$	894,148
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	223,537
Project Phase:		**Fiscal Year Cost:**	$	1,117,685
Brief Project Description:	Capital - Mechanics, Assistance & Preventive Maintenance	**Total Project Cost (YOE):**	$	1,117,685
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 | Revised 11/30/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-073	**Federal (FTA) Funds:**	$	1,600,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	1,600,000
Project Phase:		**Fiscal Year Cost:**	$	3,200,000
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	3,200,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		
MPO Project #	HCVM-074	**Federal (FTA) Funds:**	$	-
		State Funds from TxDOT:	$	250,709
Apportionment Year:	2020	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	250,709
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	250,709
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-075	**Federal (FTA) Funds:**	$	532,369
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	133,092
Project Phase:		**Fiscal Year Cost:**	$	665,461
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	665,461
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-076	**Federal (FTA) Funds:**	$	584,124
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	146,031
Project Phase:		**Fiscal Year Cost:**	$	730,155
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	730,155
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-094	**Federal (FTA) Funds:**	$	400,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	100,000
Project Phase:		**Fiscal Year Cost:**	$	500,000
Brief Project Description:	City of Hidalgo Streetscape Project	**Total Project Cost (YOE):**	$	500,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 11/30/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-039	**Federal (FTA) Funds:**	$	687,831
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:**	$	687,831
Project Phase:		**Fiscal Year Cost:**	$	1,375,662
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,375,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-040	**Federal (FTA) Funds:**	$	834,384
		State Funds from TxDOT:	$	-
Apportionment Year:	2020	**Other Funds:** Admin.	$	208,596
Project Phase:		**Fiscal Year Cost:**	$	1,042,980
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	1,042,980
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016 | Subtracted $1,302,808 - 7.11.19	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		
MPO Project #	HCMM-041	**Federal (FTA) Funds:**		
		State Funds from TxDOT:	$	210,057
Apportionment Year:	2020	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	210,057
Brief Project Description:	Administration/Operation	**Total Project Cost (YOE):**	$	210,057
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 4/21/2016	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	Federal Funding Category:		5307
MPO Project Information (reference number, etc.)	HCMM-055	Federal (FTA) Funds	$	3,000,000
		State Funds from TxDOT:		
Apportionment Year	2019 ($1,617,192) | 2020 ($1,302,808)	Other Funds	$	750,000
Project Phase:		Fiscal Year Cost	$	3,750,000
Brief Project Description:	Park and Ride South	Total Project Cost (YOE)	$	3,750,000
Sec 5309 ID Number		Trans. Dev. Credits Requested		
Amendment Date & Action	Added 3/20/19 | Moved to 2020 and Added 1,302,808 from 2020, removed TDC's for land as leverage - 7.11.19	Trans. Deve Credits Awarded (Date & Amount)		

Added from 2019

Federal Share (5307)	$	7,936,386
Local Share (5307)	$	3,699,970
State Share	$	460,766
Total Cost	$	12,097,122
Federal JARC	$	-
Local JARC	$	-
Federal New Freedom	$	-
Local New Freedom	$	-
Federal Share 5310	$	584,124
Local Share 5310	$	146,031
Federal Share 5339	$	532,369
Local Share 5339	$	133,092
Total	$	13,492,738
Development credits	$	-

FY 2021 TRANSIT PROJECT LISTING

HIDALGO COUNTY AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-080	**Federal (FTA) Funds:**	$	920,023
		State Funds from TxDOT:	$	-
Apportionment Year:	2021	**Other Funds:**	$	230,006
Project Phase:		**Fiscal Year Cost:**	$	1,150,029
Brief Project Description:	Hidalgo County Transit Capital Improvement Program	**Total Project Cost (YOE):**	$	1,150,029
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-081	**Federal (FTA) Funds:**	$	385,000
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	96,250
Project Phase:		**Fiscal Year Cost:**	$	481,250
Brief Project Description:	Capital - Mechanics, Assistance & Preventive Maintenance	**Total Project Cost (YOE):**	$	481,250
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-082	**Federal (FTA) Funds:**	$	1,600,000
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	1,600,000
Project Phase:		**Fiscal Year Cost:**	$	3,200,000
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	3,200,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		
MPO Project #	HCVM-083	**Federal (FTA) Funds:**	$	-
		State Funds from TxDOT:	$	250,709
Apportionment Year	2021	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	250,709
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	250,709
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-084	**Federal (FTA) Funds:**	$	532,369
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	133,092
Project Phase:		**Fiscal Year Cost:**	$	665,461
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	665,461
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-085	**Federal (FTA) Funds:**	$	584,124
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	146,031
Project Phase:		**Fiscal Year Cost:**	$	730,155
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	730,155
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-047	**Federal (FTA) Funds:**	$	687,831
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	687,831
Project Phase:		**Fiscal Year Cost:**	$	1,375,662
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,375,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-048	**Federal (FTA) Funds:**	$	2,217,192
		State Funds from TxDOT:	$	-
Apportionment Year	2021	**Other Funds:**	$	454,124
Project Phase:		**Fiscal Year Cost:**	$	2,671,316
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	2,671,316
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		
MPO Project #	HCMM-049	**Federal (FTA) Funds:**		
		State Funds from TxDOT:	$	210,057
Apportionment Year	2021	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	210,057
Brief Project Description:	Administration/Operation	**Total Project Cost (YOE):**	$	210,057
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	5,810,046
Local Share (5307)	$	3,068,211
State Share	$	460,766
Total Cost	$	9,339,023
Federal JARC	$	-
Local JARC	$	-
Federal New Freedom	$	-
Local New Freedom	$	-
Federal Share 5310	$	584,124
Local Share 5310	$	146,031
Federal Share 5339	$	532,369
Local Share 5339	$	133,092
Total	$	10,734,639
Development credits	$	-

FY 2022 TRANSIT PROJECT LISTING

HIDALGO COUNTY AREA - RGVMPO TRANSPORTATION IMPROVEMENT PROGRAM

PHARR DISTRICT YOE = Year of Expenditure

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-086	**Federal (FTA) Funds:**	$	920,023
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	230,006
Project Phase:		**Fiscal Year Cost:**	$	1,150,029
Brief Project Description:	Hidalgo County Transit Capital Improvement Program	**Total Project Cost (YOE):**	$	1,150,029
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-087	**Federal (FTA) Funds:**	$	385,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	96,250
Project Phase:		**Fiscal Year Cost:**	$	481,250
Brief Project Description:	Capital - Mechanics, Assistance & Preventive Maintenance	**Total Project Cost (YOE):**	$	481,250
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5307
MPO Project #	HCVM-088	**Federal (FTA) Funds:**	$	1,600,000
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	1,600,000
Project Phase:		**Fiscal Year Cost:**	$	3,200,000
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	3,200,000
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		
MPO Project #	HCVM-089	**Federal (FTA) Funds:**	$	-
		State Funds from TxDOT:	$	250,709
Apportionment Year:	2022	**Other Funds:**	$	-
Project Phase:		**Fiscal Year Cost:**	$	250,709
Brief Project Description:	Operations	**Total Project Cost (YOE):**	$	250,709
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5339
MPO Project #	HCVM-090	**Federal (FTA) Funds:**	$	532,369
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	133,092
Project Phase:		**Fiscal Year Cost:**	$	665,461
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	665,461
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	LRGVDC	**Federal Funding Category:**		5310
MPO Project #	HCVM-091	**Federal (FTA) Funds:**	$	584,124
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	146,031
Project Phase:		**Fiscal Year Cost:**	$	730,155
Brief Project Description:	Capital	**Total Project Cost (YOE):**	$	730,155
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/26/18	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-050	**Federal (FTA) Funds:**	$	687,831
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	687,831
Project Phase:		**Fiscal Year Cost:**	$	1,375,662
Brief Project Description:	Operating Assistance	**Total Project Cost (YOE):**	$	1,375,662
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		5307
MPO Project #	HCMM-051	**Federal (FTA) Funds:**	$	2,217,192
		State Funds from TxDOT:	$	-
Apportionment Year:	2022	**Other Funds:**	$	454,124
Project Phase:		**Fiscal Year Cost:**	$	2,671,316
Brief Project Description:	Preventive Maintenance	**Total Project Cost (YOE):**	$	2,671,316
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

General Project Information		Funding Information (YOE)		
Project Sponsor:	City of McAllen	**Federal Funding Category:**		
MPO Project #	HCMM-052	**Federal (FTA) Funds:**		
		State Funds from TxDOT:	$	210,057
Apportionment Year:	2022	**Other Funds:**		
Project Phase:		**Fiscal Year Cost:**	$	210,057
Brief Project Description:	Administration/Operation	**Total Project Cost (YOE):**	$	210,057
Sec 5309 ID Number:		**Trans. Dev. Credits Requested:**		
Amendment Date & Action:	Added 3/29/2018	**Trans. Deve Credits Awarded (Date & Amount):**		

Federal Share (5307)	$	5,810,046
Local Share (5307)	$	3,068,211
State Share	$	460,766
Total Cost	$	9,339,023
Federal JARC	$	-
Local JARC	$	-
Federal New Freedom	$	-
Local New Freedom	$	-
Federal Share 5310	$	584,124
Local Share 5310	$	146,031
Federal Share 5339	$	532,369
Local Share 5339	$	133,092
Total	$	10,734,639
Development credits	$	-

Transit Financial Summary
Hidalgo County Area - RGVMPO
FY 2019 - 2022 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars — Current as of August 2019

	Transit Program	FY 2019 Federal	FY 2019 State/Other	FY 2019 Total	FY 2020 Federal	FY 2020 State/Other	FY 2020 Total	FY 2021 Federal	FY 2021 State/Other	FY 2021 Total
1	**Sec. 5307 - Urbanized Formula >200K**	22,249,109	6,459,667	28,708,776	7,936,386	3,699,970	11,636,356	5,810,046	3,068,211	8,878,257
2	**Sec. 5307 - Urbanized Formula <200K**	0	0	0	0	0	0	0	0	0
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	1,786,175	33,979	1,820,154	584,124	146,031	730,155	584,124	146,031	730,155
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	3,140,927	403,254	3,544,181	532,369	133,092	665,461	532,369	133,092	665,461
13	**Other FTA**	0	0	0	0	0	0	0	0	0
14	**Regionally Significant or Other**	0	460,766	460,766	0	460,766	460,766	0	460,766	460,766
	Total Funds	**$27,176,211**	**$7,357,665**	**$34,533,876**	**$9,052,879**	**$4,439,859**	**$13,492,738**	**$6,926,539**	**$3,808,100**	**$10,734,639**
	Transportation Development Credits									
	Requested			$3,663,056			$0			$0
	Awarded			$0			$0			$0

All Figures in Year of Expenditure (YOE) Dollars

	Transit Program	FY 2022 Federal	FY 2022 State/Other	FY 2022 Total	Total Federal	Total State/Other	Total Total
1	**Sec. 5307 - Urbanized Formula >200K**	5,810,046	3,068,211	8,878,257	41,805,587	16,296,059	58,101,646
2	**Sec. 5307 - Urbanized Formula <200K**	0	0	0	0	0	0
3	**Sec. 5309 - Discretionary**	0	0	0	0	0	0
4	**Sec. 5310 - Elderly &Individuals w/Disabilities**	584,124	146,031	730,155	3,538,547	472,072	4,010,619
5	**Sec. 5311 - Nonurbanized Formula**	0	0	0	0	0	0
6	**Sec. 5316 - JARC >200K**	0	0	0	0	0	0
7	**Sec. 5316 - JARC <200K**	0	0	0	0	0	0
8	**Sec. 5316 - JARC Nonurbanized**	0	0	0	0	0	0
9	**Sec. 5317 - New Freedom >200K**	0	0	0	0	0	0
10	**Sec. 5317 - New Freedom <200K**	0	0	0	0	0	0
11	**Sec. 5317 - New Freedom Nonurbanized**	0	0	0	0	0	0
12	**Sec. 5339 - Bus & Bus Facilities**	532,369	133,092	665,461	4,738,034	802,530	5,540,564
13	**Other FTA - 5311 (f)**	0	0	0	0	0	0
14	**Regionally Significant or Other**	0	460,766	460,766	0	1,843,064	1,843,064
	Total Funds	**$6,926,539**	**$3,808,100**	**$10,734,639**	**$50,082,168**	**$19,413,724**	**$69,495,892**
	Transportation Development Credits						
	Requested			$0			$3,663,056
	Awarded			$0			$0

Transit Financial Summary
RGVMPO - Regional Totals
FY 2019 - 2022 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars — Current as of August 2019

	Transit Program	FY 2019 Federal	FY 2019 State/Other	FY 2019 Total	FY 2020 Federal	FY 2020 State/Other	FY 2020 Total	FY 2021 Federal	FY 2021 State/Other	FY 2021 Total
1	**Sec. 5307 - Urbanized Formula >200K**	24,641,598	8,700,572	33,342,170	10,328,875	5,940,875	16,269,750	8,202,535	5,309,116	13,511,651
2	**Sec. 5307 - Urbanized Formula <200K**	9,931,442	2,060,377	11,991,819	2,027,735	56,057	2,083,792	2,187,735	1,188,057	3,375,792
3	**Sec. 5309 - Discretionary**									
4	**Sec. 5310 - Elderly &Individuals w/Disabilitie**	1,951,989	75,433	2,027,422	749,938	187,485	937,423	749,938	187,485	937,423
5	**Sec. 5311 - Nonurbanized Formula**									
6	**Sec. 5316 - JARC >200K**									
7	**Sec. 5316 - JARC <200K**									
8	**Sec. 5316 - JARC Nonurbanized**									
9	**Sec. 5317 - New Freedom >200K**									
10	**Sec. 5317 - New Freedom <200K**									
11	**Sec. 5317 - New Freedom Nonurbanized**									
12	**Sec. 5339 - Bus & Bus Facilities**	4,037,080.00	610,027.50	4,647,107.50	767,180.00	174,530.00	941,710.00	767,180.00	174,530.00	941,710.00
13	**Other FTA - 5311 (f)**	155,000.00	1,980,000	2,135,000	155,000	155,000	310,000	155,000	155,000	310,000
14	**Regionally Significant or Other**	6,050,000	4,099,904	10,149,904	0	460,766	460,766	0	460,766	460,766
	Total Funds	**$46,767,109**	**$17,526,313**	**$64,293,422**	**$14,028,728**	**$6,974,713**	**$21,003,441**	**$12,062,388**	**$7,474,954**	**$19,537,342**
	Transportation Development Credits									
	Requested			$5,237,269			$349,490			$121,490
	Awarded			$0			$0			$0

All Figures in Year of Expenditure (YOE) Dollars

	Transit Program	FY 2022 Federal	FY 2022 State/Other	FY 2022 Total	Total Federal	Total State/Other	Total Total
1	**Sec. 5307 - Urbanized Formula >200K**	8,202,535	5,309,116	13,511,651	51,375,543	25,259,679	76,635,222
2	**Sec. 5307 - Urbanized Formula <200K**	2,027,452	1,285,787	3,313,239	16,174,364	4,590,278	20,764,642
3	**Sec. 5309 - Discretionary**						
4	**Sec. 5310 - Elderly &Individuals w/Disabilitie**	749,938	187,485	937,423	4,201,803	637,888	4,839,691
5	**Sec. 5311 - Nonurbanized Formula**						
6	**Sec. 5316 - JARC >200K**						
7	**Sec. 5316 - JARC <200K**						
8	**Sec. 5316 - JARC Nonurbanized**						
9	**Sec. 5317 - New Freedom >200K**						
10	**Sec. 5317 - New Freedom <200K**						
11	**Sec. 5317 - New Freedom Nonurbanized**						
12	**Sec. 5339 - Bus & Bus Facilities**	767,180.00	174,530.00	941,710.00	$ 6,338,620.00	1,133,618	7,472,238
13	**Other FTA - 5311 (f)**	155,000	155,000	310,000	620,000	2,445,000	3,065,000
14	**Regionally Significant or Other**	0	460,766	460,766	6,050,000	5,482,202	11,532,202
	Total Funds	**$11,902,105**	**$7,572,684**	**$19,474,789**	**$84,760,330**	**$39,548,664**	**$124,308,994**
	Transportation Development Credits						
	Requested			$116,333			$5,824,582
	Awarded			$0			$0



RIO GRANDE VALLEY

Metropolitan Planning Organization

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2045 Metropolitan Transportation Plan

September 27th, 2019

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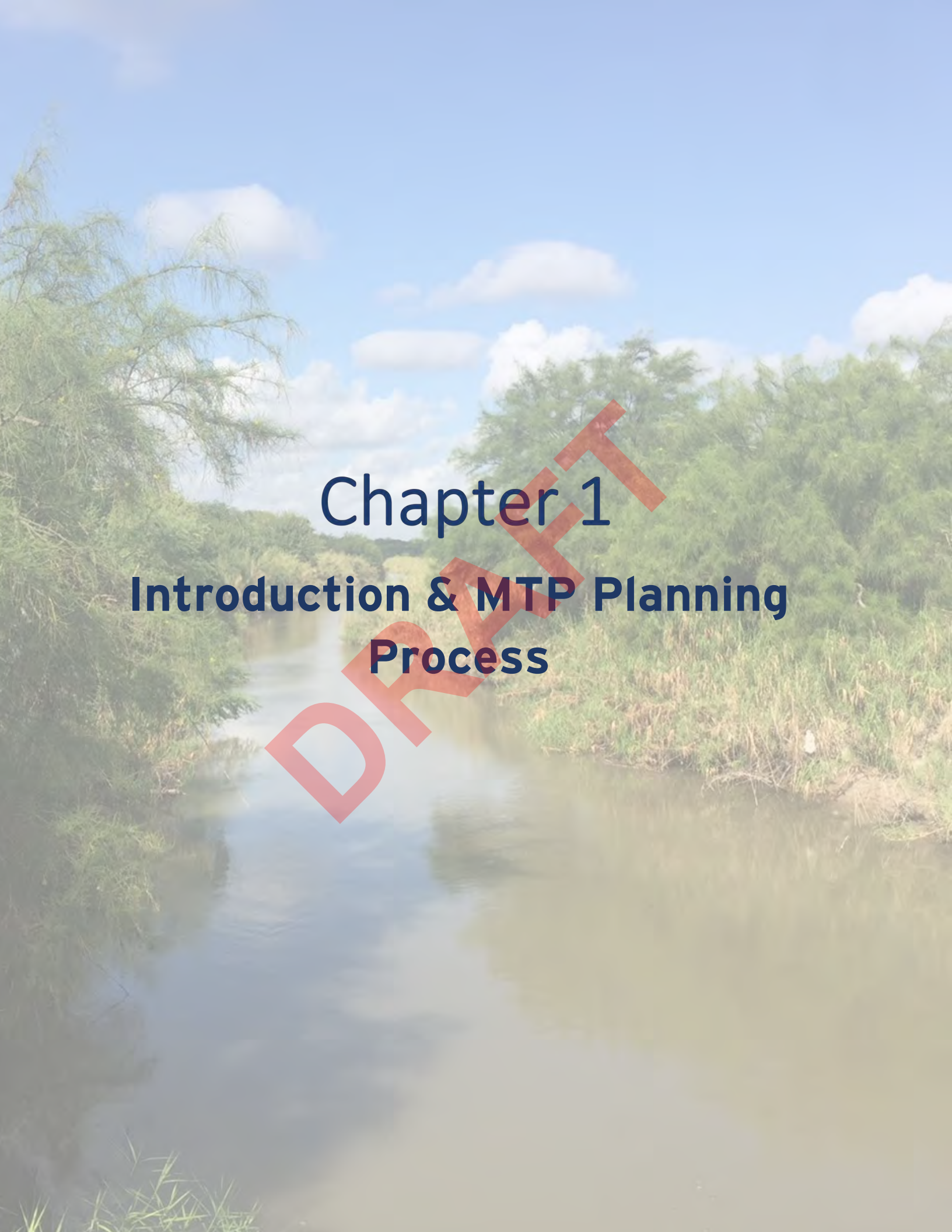
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Chapter 1

Introduction & MTP Planning Process

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INTRODUCTION & MTP PLANNING PROCESS

Introduction

Metropolitan transportation planning is a cooperative, comprehensive, and continuing ("3-C") process. This process is conducted by the Metropolitan Planning Organization (MPO), in coordination with the Texas Department of Transportation (TxDOT), regional transit operators, numerous stakeholders from throughout the planning area, and the public to create a vision for the future of the community's transportation system.



Exhibit 1-1: Public Art on the S 77 pedestrian overpass in Harlingen

This 3-C process, which is prescribed by federal regulations, is designed to assist the MPO in prioritizing short- and long-term investments in the regional transportation system over the next 25 years through a robust public participation process that involves both users and non-users of the regional transportation system.

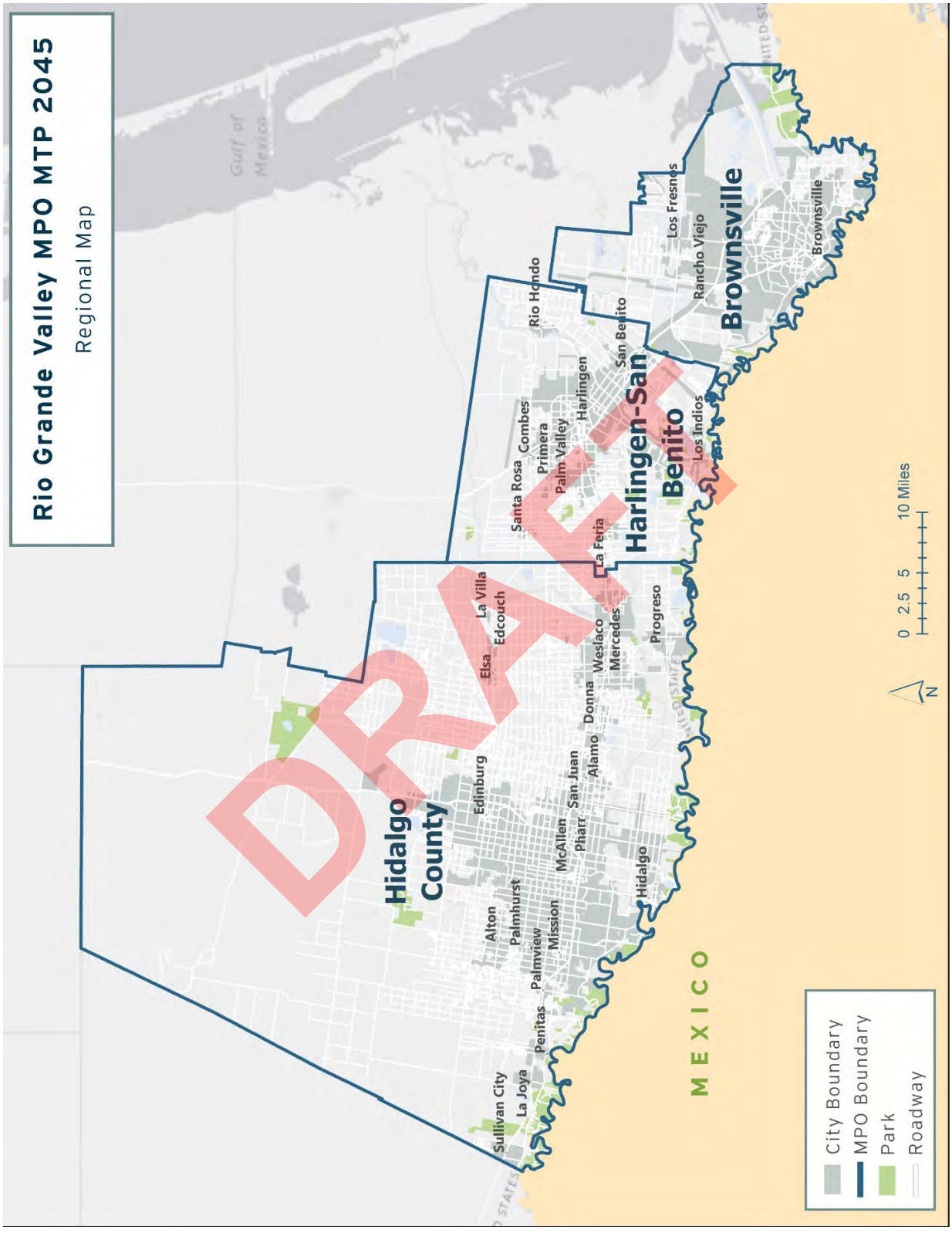
This document is an update to the Hidalgo County MPO (HC MPO), Harlingen-San Benito MPO (HSB MPO), and Brownsville MPO (B MPO) Metropolitan Transportation Plans (MTP) for the years 2020 – 2045, which have been created separately, yet in coordination with one another. On October 1st, 2019, all three existing MPOs will lose their designation and merge into the Rio Grande Valley MPO (RGVMPO). Accordingly, this plan is a combination of the three MTP update efforts to create one regional document to reflect their merging as the RGVMPO. The final plan will be adopted by the RGVMPO on October 30th, 2019, to serve as its first MTP. Initial work on the RGVMPO 2045 MTP update began in February 2019.

The RGVMPO 2045 MTP was developed over a 9-month period during which several rounds of public and stakeholder meetings were conducted; technical data was analyzed; existing plans and studies were compiled and reviewed; and potential projects were evaluated according to community goals and performance-based criteria. The resulting product is a plan for the future of the transportation system that considers all available modes and the needs of all existing and potential users.

The planning area for the RGVMPO MTP contains the entirety of both Hidalgo and Cameron counties. **Figure 1-1** shows the boundary of the MPO planning area, which represents the area the MPO has planning jurisdiction over.

Figure 1-1: RGVMPO Planning Area

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Metropolitan Planning Organization

With the passage of the Federal Highway Act of 1962, all major cities within the United States were required to adopt an MTP to guide the long-term development of the transportation system. The Act established specific rules and regulations for carrying out the long-range transportation planning process and required the formation of MPOs for any urbanized area (UZA) with a population greater than 50,000. Under federal regulations, MPOs are responsible for carrying out a cooperative, comprehensive, and continuing (3-C) planning process, in cooperation with the state and local governments, to develop the MTP and determine how best to invest federal transportation funding in the region.

Rio Grande Valley MPO

On April 24, 2019 elected officials from units of general-purpose local governments that together represent at least 75% of the existing Metropolitan Planning Area population in HC MPO, HSB MPO, and Brownsville MPO (as well as the largest city in each of these MPOs), executed an agreement to re-designate into one consolidated MPO. This agreement established a proposed boundary area for the RGVMPO to include all the territory in the existing metropolitan planning areas for the three MPOs (i.e. Hidalgo and Cameron counties). After a period of review, Governor Abbot accepted and signed the proposed re-designation agreement. Some of the likely benefits of merging three existing MPOs into one MPO include the following:

- The use of a regional approach to identify and address transportation needs for the entire Rio Grande Valley rather than analyzing the needs of three smaller, separate jurisdictions;
- Having a more cohesive presence in advocating for the transportation needs of the Rio Grande Valley; and
- An increased efficiency in coordination of the planning process with TxDOT Pharr District, (One MPO/One District).

Prior to this designation, in conjunction with the state, the three current MPOs are responsible for carrying out provisions of 23 USC §134, 59 USC §5303 (Metropolitan Transportation Planning) and 23 CFR 450.300 et seq. (Metropolitan Transportation Planning and Programming) and is established pursuant to those same US Codes. Following the official merger, the RGVMPO will take over these responsibilities. In relation to the programs in these federal codes, the MPO is the designated forum for decision making by principal elected officials of general-purpose local governments (within HC MPO, HSB MPO, and Brownsville MPO) in the RGVMPO planning area.

It must also be noted that the newly designated RGVMPO will be classified as a Transportation Management Area (TMA) after merging the three existing MPOs. A TMA is recognized as an urban area with a population greater than 200,000 and allows the MPO to play a larger role in the programming of Transportation Improvement Program (TIP) projects. Currently, both HCMPO and Brownsville MPO contain TMAs (McAllen and Brownsville, respectively).

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Purpose of the RGVMPO MTP

The MTP provides a framework for analyzing the current and future regional travel demand and creating a blueprint for addressing the future transportation needs within the RGVMPO planning area. With a focus on the creation of a safe, accessible, equitable, and multimodal transportation network, the MTP recommendations will aim to reduce congestion, support economic development, and enhance the quality of life for those living in and travelling to the region. While the three plans were initially developed separately to reflect each MPO, they have since been merged into one document to serve as the first RGVMPO MTP.

MTP Planning Process

The planning process which serves as the basis of the RGVMPO 2045 MTP is prescribed by state and federal regulations. Currently, all three existing MPOs are responsible for programming regional transportation projects (for each specific MSA) for implementation using federal transportation funding. This will remain the same following the creation of the RGVMPO, however with only one agency.

Visioning Process

The purpose of the MTP is to identify the transportation needs of the community over the next 25 years, establish priorities for funding those improvements, and chart a course for meeting the community's identified transportation needs. Establishing a community vision for the future of the transportation system and related goals to assist in the prioritization of transportation improvements is key to ensuring the plan reflects community values. Input from key stakeholders and members of the public was solicited early and continuously throughout the development of the plan.

Needs Assessment

In order to develop feasible and beneficial transportation solutions, it is important to assess both the current state of the transportation system and community growth trends. For the RGVMPO 2045 MTP, this assessment included an inventory of the transportation system; a demographic analysis to determine existing transportation demand based on current population levels, as well as projections of future population and employment generating future travel demand; roadway, transit, bicycle/pedestrian, and freight needs analyses; and a review of existing local plans for additional guidance and input.

Systems Level Analysis

Systems level analyses were used to look at how the candidate projects would impact community issues related to equity and the environment that are of system- and region-wide concern. The study team incorporated this planning approach into the development of the MTP, which allowed for prioritization of transportation investment based on broader community issues in accordance with the community's vision.

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Environmental Mitigation Analysis

An environmental mitigation analysis was conducted with the list of proposed projects from HSB and HC MPOs (B MPO methods discussed in further sections) to look for any potentially negative impacts on environmental, cultural, or historical resources. This was a high-level, conceptual analysis conducted with the intent to avoid or mitigate any obvious environmental constraints that would prevent the project from being implemented. Once projects reach the implementation stage, a more detailed environmental evaluation will be done as a part of the pre-construction process. The analysis also assessed potential impacts associated with the proposed projects on low-income and minority populations (also referred to as Environmental Justice or EJ).

Financial Analysis & Constraint

Fiscal feasibility is a significant priority in determining the final list of transportation improvements included in the MTP. Not only does federal legislation mandate that the MTP be fiscally constrained and only include projects that can be reasonably expected to have adequate funding, but certain projects also require that area communities contribute local matching funds to receive federal funding. The process for establishing both estimated costs and revenues is critical for the creation of a viable MTP.

Revenue Projection

A revenue projection was developed that identified the anticipated revenue stream for local, State and Federal funds. This revenue stream was factored to account for inflation at the anticipated year-of receipt.

Project Costs

Cost is defined as the total project cost, which includes planning elements (e.g. environmental studies and feasibility studies); engineering costs (e.g. preliminary engineering and design); preconstruction activities (e.g. environmental, right-of-way acquisition, and corridor preservation); construction activities; and contingencies. Project costs were calculated based on historical expenditures for similar improvements. The resulting cost estimates also included an inflation factor to account for the anticipated year-of-expenditure (YOE).

Fiscal Constraint Analysis

A fiscal constraint analysis was performed that compared the anticipated YOE costs to the anticipated year-of-receipt revenues to determine if sufficient and timely financial resources were likely to exist to fund the proposed program of projects.

Selecting a Proposed Program of Projects

Based on the submitted project costs and revenue projections, the program of fiscally constrained projects anticipated to best accomplish community-defined goals and objectives was selected by the Technical Advisory Committee(s) and then submitted to the Policy

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Committee(s) for review and approval. Each existing MPO's Policy Committee was then able to review these recommendations and make measured and fiscally constrained choices.

Adoption Process

The preliminary program of projects was approved by the RGVMPO Policy Committee on Month XX, 2019. The preliminary transportation recommendations and associated list of proposed projects resulting from the project selection and fiscal constraint analysis, along with the results of the technical analysis and public input, were included in the draft MTP document.

Public Review of the Draft RGVMPO 2045 MTP

On September 27, 2019, the draft plan was presented to the public and their feedback was solicited throughout the 30-day public review period online, in written format, and during two public meetings as outlined in the MPO's Public Participation Plan.

Existing MPO Organization

The following sections detail current committees/boards, RGVMPO committees/boards, as well as existing MPO staff.

Transportation Policy Committees

Local elected officials and decision makers comprise the existing Transportation Policy Committees (TPCs) in each of the three MPOs and are responsible for approving and adopting the transportation planning activities and programs created by each MPO. All TPCs have been established to meet federal transportation planning requirements. Membership of the TPCs is governed by agreement between the affected local governments and the governor of Texas and is reviewed periodically to ensure adequate representation of all parties (e.g. municipal areas found throughout the MPA). **Table 1-1** displays TPC members currently representing the three existing MPOs who have assisted with the development of this document. **Table 1-2** represents what will be the RGV Transportation Policy Board (RGVTPB) following the merger, who will review and approve the final document.

***Table 1-1: Existing MPO** Transportation Policy Committee Members*

Title/Representation	Current Representation By
HC MPO	
City of Pharr - Mayor	Ambrosio Hernandez (Chairperson)
City of Weslaco - Mayor	David Suarez (Vice-Chairman)
City of Edinburg - Mayor	Richard Molina (Secretary)
City of Alamo - Mayor	Diana Martinez
City of Alton - Mayor	Salvador Vela
City of Donna - Mayor	Rick Morales
City of Edcouch - Mayor	Virginia Gonzalez, Jr.
City of Elsa - Mayor	Alonso Perez
City of Granjeno - Mayor	Yvette Cabrera

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Title/Representation	Current Representation By
City of Hidalgo - Mayor	Sergio Coronado
City of La Joya - Mayor	Jose A. Salinas
City of La Villa - Mayor	Alma Moron
City of McAllen - Mayor	Jim Darling
City of Mercedes - Mayor	Henry Hinojosa
City of Mission - Mayor	Armando O'cana
City of Palmhurst - Mayor	Ramiro J. Rodriguez, Jr.
City of Palmview - Mayor	Jerry Perez
City of Penitas - Mayor	Rodrigo Lopez
City of Progresso - Mayor	Gerardo Alanis
City of San Juan - Mayor	Mario Garza
City of Sullivan - Mayor	Rosendo Benavides
TxDOT Pharr District - Engineer	Pedro Alvarez, P.E.
U.S. Fish and Wildlife	Gisela Chapa
Valley Metro	Tom Logan (Director)
LRGVDC	Ron Garza (Director)
McAllen Metro	Mario Delgado (Transit Director)
HCRMA	David Deanda
HSB MPO	
City of San Benito - Mayor	Ben Gomez (Chairperson)
City of Harlingen - Mayor	Chris Boswell (Vice-Chairman)
City of Los Indios - Mayor	Jaime Gonzalez
City of Palm Valley - Mayor	George Rivera
City of Primera - Mayor	R. Dave Kusch
City of Rio Hondo - Mayor	Gustavo Olivares
City of La Feria - Mayor	Olga Maldonado
City of Santa Rosa - Mayor	Andres Contreras
City of Combes - Mayor	Mark Sanchez
City of San Benito - City Manager	Manuel De La Rosa
City of Harlingen - City Manager	Dan Serna
Cameron County Commissioner Precinct 3	David Garza
Cameron County Commissioner Precinct 4	Gus Ruiz
TxDOT Pharr District - Engineer	Pedro Alvarez, P.E.
Brownsville MPO	
City of Brownsville	Trey Mendez
City of Brownsville	Joel Munguia
City of Brownsville	Noel Bernal
Cameron County	Joey Lopez
Cameron County	Sofia Benavides
TxDOT Pharr District - Engineer	Pedro Alvarez, P.E.
Chamber of Commerce	Eddy Hernandez
Airport Advisory Board	Manuel Alcocer
Brownsville ISD	Drue Brown
Brownsville Navigation District	John Wood
Greater Brownsville Incentives Corp	Esteban Guerra
City of Los Fresnos	Yolanda Cruz
Town of Rancho Viejo	Cindie Rathburn

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Table 1-2: RGVMPO Transportation Policy Board Members

Title/Representation	Current Representation By
RGVMPO	
City of Pharr - Mayor	Ambrosio Hernandez (Chairperson)
Cameron County - Judge	Eddie Treviño (Vice-Chairman)
Cameron County - RMA	Frank Parker, Jr.
City of Brownsville - Mayor	Trey Mendez
City of Edinburg - Mayor	Richard Molina
City of Harlingen - Mayor	Chris Boswell
City of McAllen - Mayor	Jim Darling
City of Mission - Mayor	Armando O`Caña
City of San Benito - Mayor	Benjamin Gomez
Hidalgo County - RMA	S. David Deanda Jr.
TxDOT Pharr District - Engineer	Pedro Alvarez, P.E.
Valley Metro	Tom Logan
LRGVDC - Executive Director	Ron Garza (Interim Director)

Technical Advisory Committees

The existing Technical Advisory Committees (TACs) for each respective MPO serve in an advisory role to their respective Transportation Policy Committee and are generally responsible for professional and technical review of work programs, policy recommendations, and transportation planning activities. Members consist of local and state technical and professional personnel with experience and knowledge in the transportation field. Table 1-3 displays TAC members currently representing the three existing MPOs who have assisted with the development of this document. Table 1-4 represents what will be the RGVTAC following the merger, who will review and approve the final document.

Table 1-3: Existing MPO Technical Advisory Committee Members

Title/Representation	Current Representation By
HC MPO	
City of McAllen	Patrizia I. Longoria (Chairperson)
Valley Metro	Jon Bocanegra (Vice-Chairperson
City of Alamo	Bobby Salinas (Secretary)
Hidalgo County	Anthony Garza
City of Alton	Jeff Underwood
City of Donna	Chanel Borrego
City of Edcouch	Pete de la Cruz
City of Edinburg	Juan Guerra
City of Elsa	Juan Jose Ybarra
City of Granjeno	Yvette Cabrerra
City of Hidalgo	Julian Gonzalez
HCRMA	Ramon Navarro
City of Hidalgo County	Arnold Cortez
City of La Joya	Mike Alaniz
City of La Villa	Arnie Amaro

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Title/Representation	Current Representation By
City of Mercedes	Daniel Tijerna
City of Mission	Behrooz Badiozzamani
City of Palmhurst	Lori Ann Lopez
City of Palmview	Ramon Segovia
City of Penitas	Omar Romero
City of Progresso Lakes	O.D. Emery
City of Progresso	Alfredo Espinosa
City of San Juan	Robert Escobar
Sullivan City	Richard Ozuna
McAllen Metro	Robert De Leon
U.S. Fish and Wildlife	Gisela Chapa
TxDOT Pharr District	Homer Bazan
TxDOT Pharr District	Raymond Sanchez
TxDOT Pharr District	Maria Champine
HSB MPO	
Cameron County Commissioner	David A Garza
Planning and Community Director	Juan Ortiz
TxDOT	Juan Bosquez
Mayor – City of Los Indios	Rick Cavazos
Harlingen Planning Director	Javier Cervantes
City Secretary	Maria Gonzalez
Valley Metro	Francisco Jaramillo
TxDOT – TP&P	Raymond Sanchez
City of Mercedes	Sergio Zavala
TxDOT	Melba Schaus
Cameron County - Engineer	Paolina Vega
TxDOT	Maria Champine
Assistant City Manager	Gabriel Gonzalez
Planning Director - San Benito	Bernard Rodriguez
City Secretary - Combes	Aida Gutierrez
City Manager - Rio Hondo	Ben Medina
Brownsville MPO	
MPO Director	Mark Lund
MPO Deputy Director	Alfonso Vallejo
Brownsville Engineering Department	Carlos Lastra
Brownsville Traffic Division	Oscar Salinas
Brownsville Aviation Department	Bryant Walker
Brownsville Metro	Tracie Orcillez
Cameron County	Paolina Vega
TxDOT San Benito	Juan Bosquez
TxDOT Pharr District	Homer Bazan
Brownsville Planning Department	Dawn Warrick
TxDOT TP&P	Raymond Sanchez
Greater Brownsville Incentives Corp	Janie Velasquez
Port of Brownsville	Ariel Chavez
Brownsville ISD	Eliud Ornelas
Cameron County RMA	Adrian Rincones
City of Los Fresnos	Mark Millum
Town of Rancho Viejo	Fred Blanco

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Title/Representation	Current Representation By
Los Fresnos Consolidated ISD	Suzanne Ramirez

Table 1-4: RGVMPO Technical Advisory Committee Members

Title/Representation	Current Representation By
RGVMPO	
Cameron County - RMA	Pete Sepulveda, Jr. (Chairman)
City of Mission	JP Terraza, P.E. (Vice-Chairman)
Cameron County	Paolina Vega
City of Brownsville	Mark Lund
City of Edinburg	Thomas D. Reyna
City of Harlingen	Gabriel Gonzalez
City of McAllen	Patrizia Longoria
City of Pharr	Eleazar Guajardo (Commissioner)
City of San Benito	Bernard Rodriguez
Hidalgo County	Jacinto Garza
Hidalgo County - RMA	Eric Davila
TxDOT Pharr District	Melba Schaus
Valley Metro	Frank Jaramillo
City of Brownsville	Norma Zamora
McAllen Metro	Jon Ray Bocanegra
Port of Harlingen	Alan Johnson
Cameron County Spaceport Development Corp	Mark Yates
Port Isabel District - San Benito Nav.	--
Port of Brownsville	--

Existing MPO Staff

Table 1-5 lists existing MPO staff for each MPO.

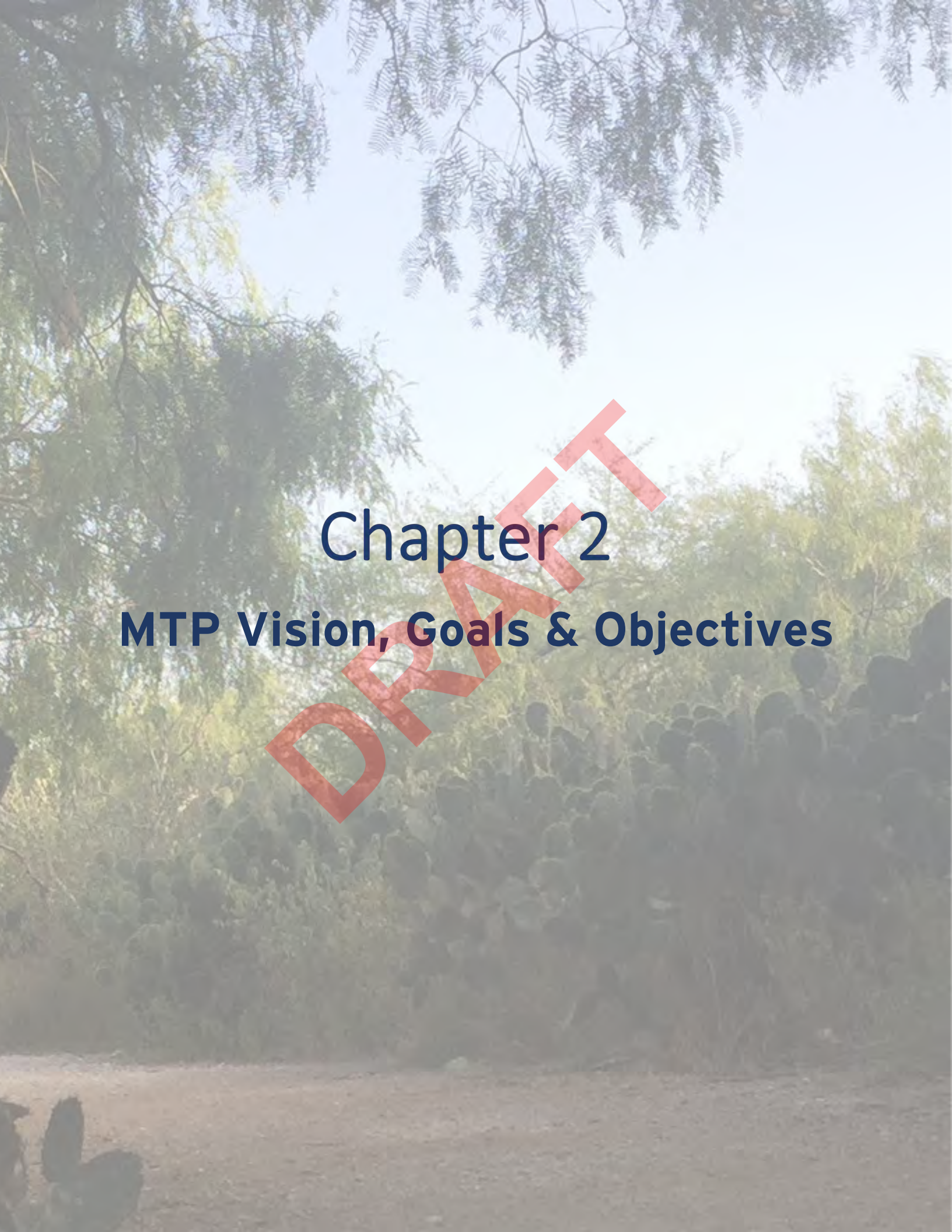
Table 1-5: MPO Staff Members

Title/Representation	Current Representation By
HC MPO	
Director	Andrew Canon
Administrative Assistant	Gloria Banda-Gonzalez
Planner II	Luis Diaz
GIS Specialist	Miguel Arispe
GIS Specialist	Fernando Cantu
Planner I	Crystal Gonzalez
Planner I	Rudy Zamora
HSB MPO	
Executive Director	J. Joel Garza Jr.
GIS Specialist/Transportation Planner	Cody Baczewski
Secretary	Jennifer Prado
Brownsville MPO	
Director	Mark Lund

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Title/Representation	Current Representation By
Deputy Director	Alfonso Vallejo
Planner II	Antonio Zubieta
Transit Planner	Tracie Orcillez

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Chapter 2

MTP Vision, Goals & Objectives

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MTP VISION, GOALS & OBJECTIVES

This chapter describes the processes by which the RGVMPO 2045 MTP's vision, goals, and objectives were developed. Together, these elements make up the MTP's guiding principles that aided the process of identifying which proposed transportation projects will best accomplish the Rio Grande Valley region's priorities.

Though an MPO has some freedom in how it develops and structures its MTP, it must also comply with certain federal requirements for the planning process and final plan.

Fixing America's Surface Transportation (FAST) Act Requirements & Guidance

The FAST Act was signed into law in 2015, becoming the fifth intermodal surface transportation bill passed by Congress since 1991. The previous four bills include the Intermodal Surface Transportation Efficiency Act (ISTEA), the Transportation Equity Act for the 21st Century (TEA-21), the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), and the Moving Ahead for Progress in the 21st Century Act (MAP-21).

The FAST Act's primary implications for the development of MTPs include:

- The continuance of the Metropolitan Planning Program, which establishes a cooperative, comprehensive, and continuing (or "3-C") framework for making transportation investment decisions in metropolitan areas;
- The continuance of and additions to the federal planning factors, which an MPO must take into consideration during the metropolitan planning process; and
- The continuance and further defining of requirements established for state Departments of Transportation (DOTs) and MPOs to set performance goals and measures.

Each of these tenets of the FAST Act is a requirement for MPOs as they undertake the metropolitan planning process and the development of MTPs.

Federal Planning Factors

The original eight federal planning factors were established by ISTEA and expanded by SAFETEA-LU. The FAST Act maintained these eight factors and added two more. The MPO planning process must consider these ten federal planning factors:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness;
2. Increase the safety of the transportation system for motorized and nonmotorized users;
3. Increase the security of the transportation system for motorized and nonmotorized users;
4. Increase accessibility and mobility of people and freight;

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5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. ***Improve resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and**
10. ***Enhance travel and tourism.**

**New factors introduced by the FAST Act*

Performance Measures & Targets

When developing an MTP, the MPO must set performance measures as a means of ensuring that the plan accomplishes its purposes over the course of implementation. The MPO must also establish a set of performance targets which are used as indicators of how successfully the performance measures are achieved. In addition to adopting the performance measures and targets defined at the federal and state levels, an MPO can also develop and adopt its own set of performance measures and targets customized to meet the unique needs and conditions of the region. The requirement of adopting performance measures and targets was established by MAP-21 and is continued by the FAST Act.

Harlingen-San Benito MPO

The Harlingen-San Benito MPO (HSB MPO) has opted to adopt the Texas Department of Transportation Performance Targets in response to the FAST Act Requirement. The HSB MPO will continue to work with the Texas Department of Transportation on the remaining 13 FHWA Performance Measures:

- Pavement Condition (4 measures)
- Bridge Condition (4 measures)
- Systems Performance (3 measures)
- Freight (1 measure)
- CMAQ (3 measures)

Hidalgo County MPO

The Hidalgo County MPO (HC MPO) identified strategies through the Annual Performance and Expenditure Report (APER) to improve the performance of existing and future facilities; to provide input into the transportation planning process for consideration at the system level; and to undertake studies of specific aspects of the transportation system in order to provide the specialized information required in developing an efficient, multi-modal mobility system, including.

- Pavement Management Systems (PMS)
- Incident Management & Safety Study

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- Congestion Data Collection (CMP Tier 1)
- Congestion Mitigation System (CMP Tier 2)
- Quadrennial Certification
- Corridor Study
- Traffic Counts
- Dynamic Traffic Assignment

Brownsville MPO

Brownsville MPO has adopted MPO resolutions indicating actions to be taken in support of the performance measures adopted by TxDOT. Such performance measures address the following:

- Condition of Pavement
- Condition of Bridges
- Performance of Interstate System
- Performance of National Highway System (excluding the Interstate)
- MPO Resolution pertaining to safety goals

Regional Visioning Process

The MTP visioning process is focused on gathering locally generated plans and information, as well as the knowledge and wisdom of the local community, while following the state and federal guidelines that direct the general planning process. Development of the MTP includes extensive public input and requires the collaboration of regional stakeholders such as local, state, and federal agencies and governing bodies, public and private transportation providers, and the business community. All these stakeholders must work together so that the community's visions and goals unite into defined principles that will guide transportation policy and investment decisions within the MPO planning area. This MTP update will serve as a framework for increased coordination across the Rio Grande Valley, and the initiation of creating a regional vision incorporating the vision, goals, and objectives of the three combining MPOs.

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Harlingen-San Benito MPO

The visioning process for the HSB MPO involved multiple methods of obtaining local input, such as stakeholder interviews, a public open house, and an online interactive mapping and visioning exercise. The results from these methods provided the HSB MPO with challenges, issues, and opportunities of the existing transportation system that guided the development of the regional vision for the 2045 MTP.

Hidalgo County MPO

Similar to the HSB MPO, the visioning process for the HC MPO involved stakeholder interviews, a public open house, and an online interactive mapping and visioning exercise. The results from these activities provided the HC MPO with challenges, issues, and opportunities

of the existing transportation system that guided the development of the regional vision for the 2045 MTP.

Brownsville MPO

B MPO continues to uphold previous regional visions for its transportation system. Chapter 6 provides further detail on the activities conducted as part of the visioning process.

MTP Goals & Objectives

Goals are broad statements that describe desired outcomes the MPO wants to achieve, while objectives are specific, measurable actions that the MPO will take to meet these outcomes.

This MTP update utilizes the already established sets of goals and objectives set forward by the three combining MPOs to guide the development of the plan and the prioritization of transportation projects. These goals and objectives incorporate the vision and needs of the communities in the Rio Grande Valley. In addition, as a large region located directly along the border between the US and Mexico, the Rio Grande Valley's transportation network also plays an important role in the national and international transportation networks. Therefore, the goals and objectives developed for the RGVMPO 2045 MTP also consider the needs of these networks on a larger scale and incorporate elements of the federal planning factors discussed above.

Harlingen-San Benito MPO

The HSB MPO designated the following set of goals and objectives for its 2040 MTP and carry those goals forward into the 2045 MTP:

1. **Goal:** Maintain and improve the regional transportation system.

   Objectives:

   - Improve the physical/structural integrity of the existing arterial roadway system.
   - Improve transit system services and facilities:
     - Maintain quality of benches and shelters.
     - Preserve bus routes that meet minimum performance standards to include services in the HSB MPO area with the most need.

2. **Goal:** Improve the accessibility, connectivity, and mobility of the transportation system, for people and freight, for all modes of transportation in and through the region.

   Objectives:

   - Identify and preserve regional intermodal street and highway corridors for the future transportation system.
   - Improve transit facilities infrastructure:

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    - Identify possible park and ride areas that will allow better access to transit services and carpools.
    - Require that all new transit vehicles purchased include bicycle carrying capacity.
    - Identify a transfer station location within the HSB MPO area.
    - Increase the number of bus stops without paved/marked platforms.
- Improve existing transit system operations:
    - Increase the hours and days of operation.
    - Increase service coverage.
    - Increase service frequencies along each flexible route.
    - Maintain current and newly developed routes within the HSB MPO.
- Improve the connection of multiple modes of transportation:
    - Secure or build a park and ride facility for express route bus services.
    - Secure or build a new community transit transfer station with the HSB MPO area that will serve as a hub for integration with the existing transit services, intercity buses, and airport shuttles.
    - Provide opportunities for covered bicycle racks and/or lockers at transit facilities and/or vehicles.
    - Increase the sidewalks and pedestrian facilities infrastructure leading to bus stops.
    - Increase the proportion of multimodal access points that are ADA compliant.
    - Increase the service coordination with transportation providers to actively support the public transportation regional transit connectivity.
- Improve the bicycle and pedestrian facilities infrastructure:
    - Decrease the number of gaps among sidewalks, trails, and bike pathways.
    - Increase miles of sidewalk, trails, and on street bike pathways.
- Increase the connectivity to regions beyond the HSB MPO metropolitan area:
    - Connect the HSB MPO metropolitan area to a regional public transportation system.
    - Increase the number of intercity bus trips departing HSB MPO.
    - Continue the service coordination of public and private passenger transportation services inside and outside the HSB MPO area.
- Develop a strategy for construction and reconstruction of existing roads and bridges.
- Improve freight infrastructures.
- Increase opportunities for metropolitan area businesses to ship freight via air, rail, and truck transportation.
- Identify obstacles impeding for rail and truck freight.
- Increase the capacity for air, rail, and truck freight.

3. **Goal:** Maintain quality performance of the regional transportation system through efficient congestion management and operation techniques.

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Objectives:

- Maintain acceptable levels of travel on the street and highway system:
  - Reduce regional annual vehicle miles traveled.
  - Maintain level of service D during peak hour travel on the freeway system.
  - Promote the use of alternative modes of transportation.
- Utilize intelligent transportation system technologies and other traffic operational improvements to alleviate congestion before considering capital-intensive improvements.
- Improve existing transit system performance:
  - Implement intelligent transportation systems solutions, including automatic vehicle location and variable message sign technology to provide customers with real time transit travel time information.

4. **Goal:** Improve the safety and security of the regional transportation system for all users.

   Objectives:

   - Decrease emergency services response times on the freeway system and arterial roadways.
   - Decrease the number of overall crashes/accidents for all modes of transportation.
   - Provide the public with information regarding evacuation/traffic diversion routes and the coordination of emergency management procedures.
   - Provide security features on bicycle, pedestrian, transit, and parking facilities, and at multimodal crossings.
   - Provide safety features on bicycle, pedestrian, transit facilities, buses, and multimodal crossings:
     - Increase number of marked crosswalks.
     - Increase miles of marked bicycle lanes.
     - Identify shared lanes and ensure markings and/or signage is provided.
     - Increase the number of improved signal enhancements that benefit pedestrians and bicyclists by 5%.

5. **Goal:** Preserve, protect, and enhance the natural and human environment.

   Objectives:

   - Avoid, minimize, or mitigate transportation impacts to the environmentally sensitive natural resources, if practicable.
   - Avoid, minimize, or mitigate transportation impacts to the social, cultural and historic resources, if practicable.
   - Avoid, minimize, or mitigate transportation disproportionately high and adverse human health and environmental effects, including social and economic effects, on all populations, including minority and low-income populations.

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- Allow for the full and fair participation of all potentially affected communities in the transportation decision-making process.
- Prevent the denial of, reduction in, or significant delay in the receipt of benefits by all populations, including minority and low-income populations.
- HSB MPO will maintain commitment to a transportation system that promotes air and water quality and noise control; and meets all federal, state, and local standards.

6. **Goal:** Establish performance goals as the national performance goals for the Federal-aid Highway program in seven areas.

   Objectives:

   - To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
   - To maintain the highway infrastructure asset system in a state of good repair.
   - To achieve a significant reduction in congestion on the National Highway System.
   - To improve the efficiency of the surface transportation system.
   - To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
   - To enhance the performance of the transportation system while protecting and enhancing the natural environment.
   - To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

Hidalgo County MPO

The HC MPO designated the following set of goals and objectives for its 2040 MTP and carry those goals forward into the 2045 MTP:

1. **Goal:** Enhance transportation system mobility and accessibility for all roadway users and modes.

   Objectives:

   - Relieve traffic congestion and decrease travel time.
   - Facilitate the design of roadways to accommodate multiple users.
   - Enhance the availability and efficiency of public transportation.
   - Enhance the mobility of the elderly, physically or mentally impaired, and the economically disadvantaged who can't afford public transportation.
   - Increase connectivity between the roadway and transit systems.
   - Promote viable alternative modes of travel for commuters.
   - Enhance bicycle and pedestrian mobility and accessibility.

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2. **Goal:** Enhance transportation system mobility and accessibility for all roadway users and modes.

   Objectives:

   - Improve regional connectivity by enhancing mobility between different areas of the metropolitan area.
   - Maximize the economic development potential of the transportation system.
   - Provide for the development of a balanced transportation system compatible with future plans that serve the specific needs of the citizens in support of the region's economic vitality.
   - Adopt a regional freight plan for more efficient transport of freight in the area.

3. **Goal:** Enhance environmental quality and public safety.

   Objectives:

   - Support hurricane and other emergency evacuation planning efforts by giving priority consideration to proposed transportation system improvements that would facilitate the safe and expeditious removal of people from the area in the event of an impending natural disaster.
   - Promote the safety of motorists and users of non-motorized modes.
   - Promote divided roadway and other roadway design measures intended to maximize safety for all roadway users.
   - Promote the design of safe intersections for all roadway users.
   - Promote traffic calming strategies where possible.
   - Consider the environmental impacts of transportation project alternatives.

4. **Goal:** Support local values and preserve existing community resources.

   Objectives:

   - Ensure that proposed improvements are consistent with local plans, goals, and objectives.
   - Support local standards by giving priority consideration to projects that meet community expectations regarding walkability, aesthetic appeal and other quality- of-life issues.
   - Support local land use and community planning activities by developing projects that are consistent with access management and traffic-calming strategies for transportation system development.
   - Identify and protect transportation corridors and the necessary rights-of-way in advance of immediate need to permit future safe and efficient transportation improvements at a minimal cost.

5. **Goal:** Provide a metropolitan transportation planning process that informs and involves the public as well as elected officials.

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Objectives:

- Increase public understanding of and involvement in the regional transportation planning process.
- Identify stakeholders and encourage their participation in development of the long-range transportation plan.
- Provide adequate public input in decision making by utilizing a robust Public Participation Plan.
- Increase the use of social media venues to communicate with the public.
- Seek public input from the non-English speaking population through Spanish literature.
- Address concerns of the public in an expedited manner.

6. **Goal:** Develop a long-range metropolitan transportation plan that is financially feasible.

   Objectives:

   - Develop a plan that meets the requirements of the U.S. Department of Transportation.
   - Develop a financially constraint plan in coordination with the Texas Department of Transportation.
   - Utilization of the latest financial forecasting tools provided through the Texas Unified Transportation Program.

Brownsville MPO

The Brownsville MPO designated the following set of goals and objectives for its 2045 MTP:

1. **Goal:** Support the economic vitality of the US, Texas, and the Brownsville metropolitan area by enabling global competitiveness, productivity and efficiency.

   Objectives:

   - Move people and goods in an energy-efficient manner.
   - Identify capital investments needed to preserve the existing transportation system, as well as transportation improvements needed to support continued economic development.
   - Promote coordination of transit services with services of other providers, e.g. social services, major employers, schools and universities.

2. **Goal:** Increase the safety of the Brownsville area transportation system for motorized and nonmotorized users.

   Objectives:

   - Provide for increased travel safety.
   - Provide for the separation of modes, where feasible.
   - Identify and remedy roadway intersections, and other locations, which may have unsafe features in need of correction.

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- Identify capital investments needed to improve safety and reduce the rate of accidents.
- Identify capital investments needed to address the needs of pedestrians and bicyclists to allow safe movement within the Brownsville metropolitan area.

3. **Goal:** Increase the security of the transportation system for motorized and non-motorized users.

   Objective:

   - Maintain liaison with local and state agencies that develop plans to ensure the security of various transportation facilities and modes.

4. **Goal:** Increase the accessibility and mobility options across and between modes for movement of people and freight.

   Objectives:

   - Improve mobility options available via public transportation to elderly and disadvantaged persons.
   - Promote utilization of private/public partnerships in transit infrastructure development to fund new projects.
   - Promote improved access to the major traffic generators located within the Brownsville metropolitan area.

5. **Goal:** Protect and enhance the environment, promote energy conservation and improve the quality of life and promote consistency between transportation improvements and state and local planned growth and economic development patterns.

   Objectives:

   - Promote transportation improvements that are compatible with the protection of natural, cultural, and historic resources.
   - Develop policies that direct or guide development of future transportation infrastructure projects, so as to augment and protect the aesthetic features of Brownsville's landscape and historic areas.

6. **Goal:** Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.

   Objectives:

   - Improve access to the Port of Brownsville, the Brownsville/South Padre Island International Airport, and to international border crossings.
   - Identify strategies and policies which serve to foster improved intermodal connections.
   - Identify capital expenditures needed to improve intermodal connections, including investments in Intelligent Transportation Systems.

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7. **Goal:** Promote efficient transportation system management and operation.

   Objectives:

   - Provide for safe travel.
   - Reduce travel time and remedy congestion problems.
   - Monitor and assess the operation of the Brownsville area transportation system.

RGV Consistent Goals & Objectives

Harlingen-San Benito, Hidalgo County, and Brownsville MPOs have the following goals in common: Safety, System Reliability, Freight Movement & Economic Vitality, Environmental Sustainability, Reduced Project Delivery Delays, Transit, Active Transportation, Transportation Demand Management, Equity Awareness, Disaster Preparedness.

Safety	
Harlingen-San Benito	Improve the safety and security of the regional transportation system for all users.
Hidalgo County	Enhance environmental quality and public safety.
Brownsville	Increase the safety of the Brownsville area transportation system for motorized and nonmotorized users. Increase the security of the transportation system for motorized and non-motorized users.

Infrastructure Condition	
Harlingen-San Benito	Maintain and improve the regional transportation system. *Improve the bicycle and pedestrian facilities infrastructure.
Hidalgo County	Enhance transportation system mobility and accessibility for all roadway users and modes.
Brownsville	*Identify capital investments needed to preserve the existing transportation system, as well as transportation improvements needed to support continued economic development. *Identify capital investments needed to address the needs of pedestrians and bicyclists to allow safe movement within the Brownsville metropolitan area.

*Objective identified relating to goal.

Congestion Reduction	
Harlingen-San Benito	Maintain quality performance of the regional transportation system through efficient congestion management and operation techniques.
Hidalgo County	*Relieve traffic congestion and decrease travel time.
Brownsville	*Reduce travel time and remedy congestion problems.

*Objective identified relating to goal.

System Reliability	
Harlingen-San Benito	Establish performance goals as the national performance goals for the Federal-aid Highway program in seven areas.
Hidalgo County	Develop a long-range metropolitan transportation plan that is financially feasible.
Brownsville	Promote efficient transportation system management and operation.

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Freight Movement & Economic Vitality	
Harlingen-San Benito	Improve the accessibility, connectivity, and mobility of the transportation system, for people and freight, for all modes of transportation in and through the region.
Hidalgo County	Support local values and preserve existing community resources.
Brownsville	Support the economic vitality of the US, Texas, and the Brownsville metropolitan area by enabling global competitiveness, productivity and efficiency. Increase the accessibility and mobility options across and between modes for movement of people and freight. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight. *Improve access to the port, Brownsville/South Padre Island International Airport, and to international border crossings. *Identify strategies and policies which serve to foster improved intermodal connections. *Identify capital expenditures to improve intermodal connections, including investments in Intelligent Transportation Systems.

Environmental Sustainability	
Harlingen-San Benito	Preserve, protect, and enhance the natural and human environment.
Hidalgo County	Provide a metropolitan transportation planning process that informs and involves the public as well as elected officials.
Brownsville	Protect and enhance the environment, promote energy conservation and improve the quality of life and promote consistency between transportation improvements and state and local planned growth and economic development patterns.

Reduced Project Delivery Delays	
Harlingen-San Benito	*To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.
Hidalgo County	*Identify and protect transportation corridors and the necessary rights-of-way in advance of immediate need to permit future safe and efficient transportation improvements at a minimal cost.
Brownsville	*Move people and goods in an energy-efficient manner.

*Objective identified relating to goal.

Transit Enhancements	
Harlingen-San Benito	*Improve transit facilities infrastructure *Improve existing transit system operations *Improve existing transit system performance
Hidalgo County	*Enhance the availability and efficiency of public transportation.
Brownsville	*Promote utilization of private/public partnerships in transit infrastructure development to fund new projects.

*Objective identified relating to goal.

Active Transportation Enhancements	
Harlingen-San Benito	*Improve the bicycle and pedestrian facilities infrastructure
Hidalgo County	*Enhance bicycle and pedestrian mobility and accessibility.
Brownsville	*Identify capital investments needed to address the needs of pedestrians and bicyclists to allow safe movement within the Brownsville metropolitan area.

*Objective identified relating to goal.

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Transportation Demand Management	
Harlingen-San Benito	-
Hidalgo County	*Promote viable alternative modes of travel for commuters.
Brownsville	*Promote coordination of transit services with services of other providers, e.g. social services, major employers, schools and universities.

*Objective identified relating to goal.

Equity Awareness	
Harlingen-San Benito	*Avoid, minimize, or mitigate transportation disproportionately high and adverse human health and environmental effects, including social and economic effects, on all populations, including minority and low-income populations.
Hidalgo County	*Seek public input from the non-English speaking population through Spanish literature.
Brownsville	*Promote transportation improvements that are compatible with the protection of natural, cultural, and historic resources. *Improve mobility options available via public transportation to elderly and disadvantaged persons.

*Objective identified relating to goal.

Disaster Preparedness	
Harlingen-San Benito	*Provide the public with information regarding evacuation/traffic diversion routes and the coordination of emergency management procedures.
Hidalgo County	*Support hurricane and other emergency evacuation planning efforts by giving priority consideration to proposed transportation system improvements that would facilitate the safe and expeditious removal of people from the area in the event of an impending natural disaster.
Brownsville	*Maintain liaison with local and state agencies that develop plans to ensure the security of various transportation facilities and modes.

*Objective identified relating to goal.

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Performance Goals & Measures

Performance measures and targets help gauge the effectiveness of long-range planning efforts and capital investments. Performance management serves as an iterative process that allows for course correction and better decision making to move toward established goals. As noted earlier in this chapter, the FAST Act requires that MPOs use performance-based planning processes and consider national performance goals in order to be eligible for federal funding. These national performance goals include:

- Safety – Achieve a significant reduction in traffic fatalities and serious injuries on all public roads;
- Infrastructure Condition – Maintain the highway infrastructure asset system in a state of good repair;
- Congestion Reduction – Achieve a significant reduction in congestion on the National Highway System;
- System Reliability – Improve the efficiency of the surface transportation system;
- Freight Movement and Economic Vitality – Improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development;

- Environmental Sustainability – Enhance the performance of the transportation system while protecting and enhancing the natural environment; and
- Reduced Project Delivery Delays – Reduce project costs, promote jobs and the economy, and expedite the movement of people and goods.

Table 2-1 shows these national performance goals and their associated performance measures.

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Table 2-1: National Performance Goals & Measures

National Goal	Measure(s)
Safety	Fatalities: number of fatalities; rate of fatalities per 100 million Vehicle Miles Traveled (VMT); number of non-motorized fatalities
	Injuries: number of serious injuries; rate of serious injuries per 100 million VMT; number of non-motorized serious injuries
	Transit: total number of reportable fatalities and rate per total vehicle revenue miles by mode
	Transit: total number of reportable injuries and rate per total vehicle revenue miles by mode
	Transit: total number of reportable events and rate per total vehicle revenue miles by mode
Infrastructure Condition	Percentage of pavements of the Interstate System in good condition
	Percentage of pavements of the Interstate System in poor condition
	Percentage of pavements of the non-interstate NHS in good condition
	Percentage of pavements of the non-interstate NHS in poor condition
	Percentage of NHS bridges classified as in good condition
	Percentage of NHS bridges classified as in poor condition
	Transit % revenue vehicles (by type) that exceed useful life benchmark (ULB)
	Transit % non-revenue service vehicles (by type) that exceed ULB
	Transit % facilities (by group) rated less than 3.0 on Transit Economic Requirements Model (TERM) scale
Congestion Reduction	*No required measures for small MPOs and/or areas in attainment for air quality*
System Reliability	Percentage of person-miles traveled on the Interstate that are reliable
	Percentage of person-miles traveled on the non-Interstate NHS that are reliable
	*Transit: mean distance between major mechanical failures by mode
Freight Movement & Economic Vitality	Truck Travel Time Reliability Index (TTTRI)
Environmental Sustainability	*No required measures for small MPOs and/or areas in attainment for air quality*
Reduced Project Delivery Delays	*No established performance measures*

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TxDOT Performance Measures

The following tables show the performance measures adopted by TxDOT.

Table 2-2 shows the safety performance measures and targets established by TxDOT for Fiscal Year 2019.

Table 2-2: TxDOT Safety Performance Measures & Targets for FY 2019 (5-Year Rolling Averages)

Safety Performance Measures	Targets
Number of Fatalities	3,791
Rate of Fatalities	1.414
Number of Serious Injuries	17,751
Rate of Serious Injuries	6.55
Total Number of Non-Motorized Fatalities & Serious Injuries	2,237.6

Table 2-3 shows the bridge and pavement condition performance targets established by TxDOT for 2020.

Table 2-3: TxDOT Bridge & Pavement Condition Performance Measures & Targets for 2020

NHS Bridge Condition Performance Measures by Deck Area	Targets
% of NHS bridges by deck area classified as Poor condition	0.8%
% of NHS bridges by deck area classified as Good condition	50.58%
NHS Pavement Condition Performance Measures by Interstate & Non-Interstate Facility	**Targets**
% of Interstate pavements in Good condition	--
% of Interstate pavements in Poor condition	--
% of Non-Interstate NHS pavement in Good condition	52%
% of Non-Interstate NHS pavement in Poor condition	14.3%

Table 2-4 shows the system performance measures and targets established by TxDOT for 2020.

Table 2-4: TxDOT System Performance Measures & Targets for 2020

NHS System Performance Measures by Level of Travel Time Reliability (LOTTR)	Targets
IH Level of Travel Time Reliability	61.2%
Non-IH Level of Travel Time Reliability	--
Interstate Freight Performance Measures by Truck Travel Time Reliability (TTTR)	**Targets**
Truck Travel Time Reliability on the Interstate System	1.7

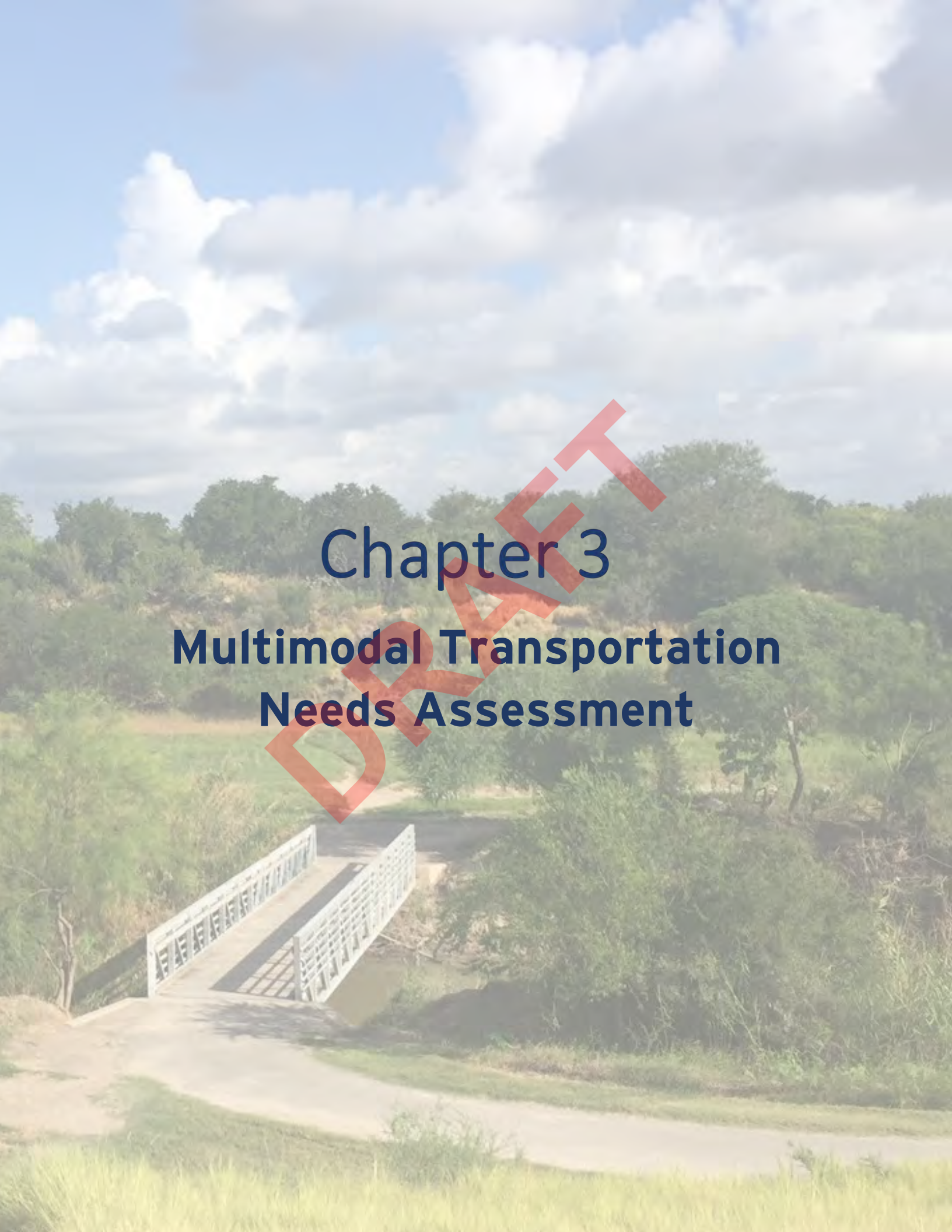
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Table 2-5 shows the Transit Asset Management measures and targets established by TxDOT for 2022.

Table 2-5: TxDOT Transit Asset Management Performance Measures & Targets for 2022

Transit Asset Management Performance Measures	Targets
Transit Asset Management	<15%
% of revenue vehicles at or exceeding useful life benchmark	<15%
% of service vehicles (non-revenue) at or exceeding useful life benchmark	<15%
% of facilities rated below 3 on condition scale (TERM)	<15%
% of track segments with performance restrictions	N/A

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Chapter 3

Multimodal Transportation Needs Assessment

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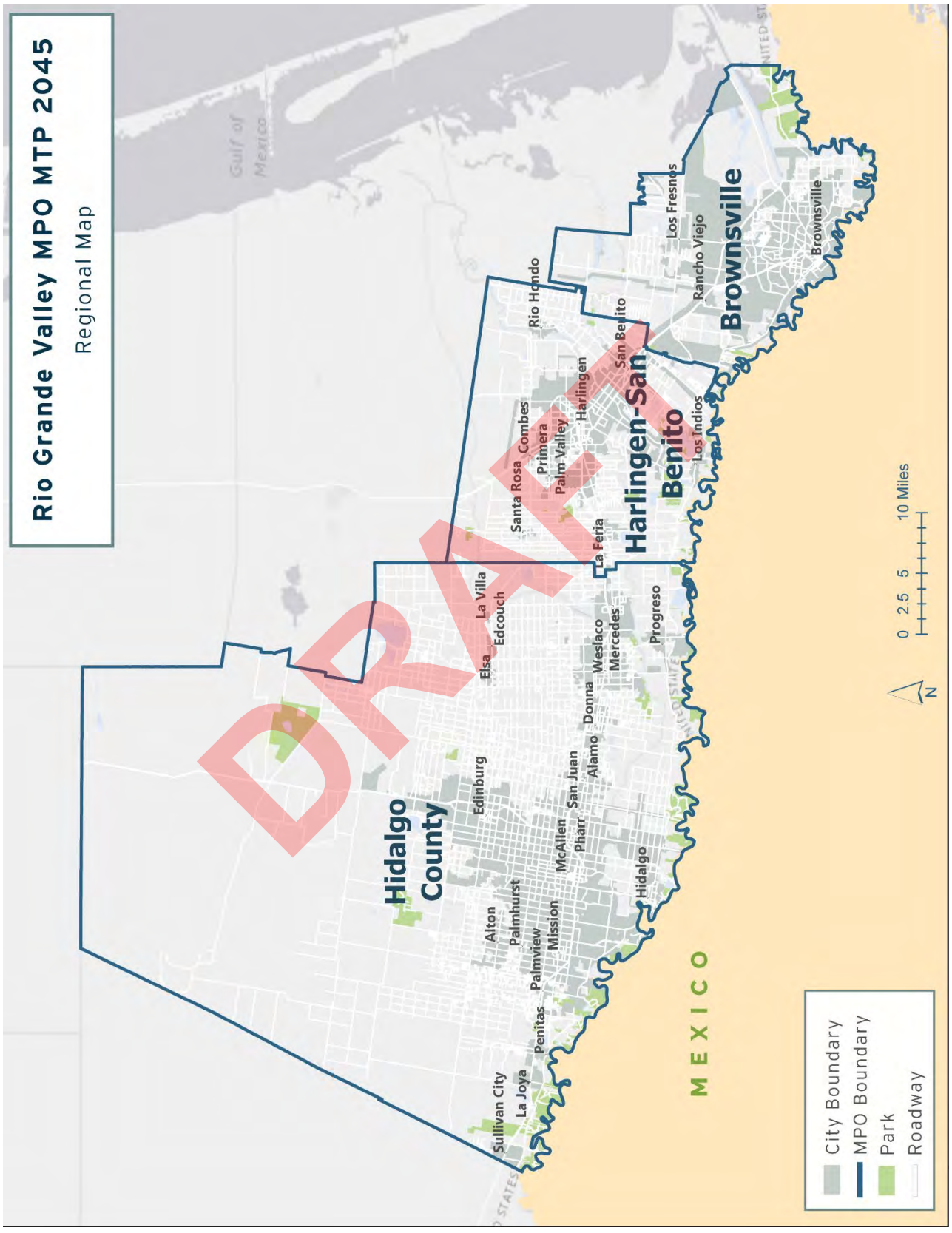
MULTIMODAL TRANSPORTATION NEEDS ASSESSMENT

The study team performed a multimodal needs assessment for the RGVMPO planning area (**Figure 3-1**) to ensure that investments recommended by the plan address the actual needs of the region. The transportation needs which inform the recommendations were analyzed for existing conditions for the Rio Grande Valley (RGV), as well as future conditions where applicable. Transportation needs were considered in the following categories:

- Demographics
- Roadway
- Public Transportation
- Active Transportation
- Safety & Security
- Freight
- Ports of Entry
- Operations/Maintenance
- Interregional Passenger Travel

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Figure 3-1: RGVMPO Planning Area



Methodology & Resources

The driving force behind identifying future transportation needs is understanding future population and employment growth trends for the region. It is crucial to understand the relationship between growth patterns and the way people travel. Considerations regarding potential growth and land use/development have direct impact on transportation system performance as well as how users interact with the system.

The project team performed an evaluation of the existing transportation system performance using a variety of information on existing conditions and historic trends. This included information on the location and characteristics of regional population and employment as well as other significant land uses that either generate or attract trips. Information on existing travel patterns was assembled from a combination of data resources. Because travel choice relies heavily on where people live and work, the Lower Rio Grande Valley Travel Demand Model (LRGV TDM), was used to represent existing population and employment conditions. The LRGV TDM is a travel forecasting tool that is explained further in later sections of this chapter. These base year conditions (2013) were compared to the forecast year projections (2045) to understand growth trends relative to transportation infrastructure in the region. Further, 2017 5-Year American Community Survey (ACS) data was used in conjunction with the forecast report findings to provide a current snapshot of population and employment trends within the MPO planning area.

The analysis of needs for the existing transportation system and for 2045 was supplemented where necessary and/or appropriate with public or stakeholder input derived from outreach events or surveys of transportation system users. It must be noted, however, that due to the nature of this document (i.e. initially three separate planning efforts) different analysis techniques are utilized throughout the plan. Table 3-1 summarizes the results of the analysis for the existing performance measures for both HSB and HC MPOs. As discussed in Chapter 2, national performance goals serve as a base structure for transportation system performance measurement; TxDOT uses these national goals to create state-specific measures and targets. This evaluation of current conditions serves as a baseline comparison between the RGVMPO planning area's system performance and the system expectations set at the state level by Texas. This in turn creates a sense of how well the planning area's transportation system is performing. As mentioned in Chapter 2, the RGVMPO is supporting the TxDOT statewide targets. Performance measure values highlighted green represent those that are performing well according to the state targets. Those with no color indicate measures not currently tracked by Texas, or measures that are not applicable to or currently measured by the existing MPOs which make up the RGVMPO planning area.

Regarding the Brownsville MPO, specific measures will be identified; the MPO has recently completed the collection of data under the MPO's responsibilities for the Congestion Management Process (CMP). MPO staff have analyzed that data and compared congested intersections with a map indicating high crash locations.

Final performance measures have not been published by the U.S. Department of Transportation (USDOT). The Brownsville MPO will comply with these measures upon their

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becoming available. If the MPO's MTP and/or CMP require amendments, these documents will be amended.

Table 3-1: Performance Metrics

National Goal	Measures(s)	HSB MPO	HC MPO
Safety	Number of Fatalities	74	303
	Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT)	0.54	0.45
	Number of non-motorized fatalities	19	105
	Number of serious injuries	226	1,134
	Rate of serious injuries per 100 million VMT	1.66	1.67
	Number of non-motorized serious injuries	30	143
	*Transit: Total number of reportable fatalities and rate per total vehicle revenue miles by mode	-*	-*
	*Transit: Total number of reportable injuries and rate per total vehicle revenue miles by mode.	-*	-*
	*Transit: Total number of reportable events and rate per total vehicle revenue miles by mode.	-*	-*
Infrastructure Condition	Percentage of pavements of the Interstate System in Good condition	86	87
	Percentage of pavements of the Interstate System in Poor condition	0	0
	Percentage of pavements of the non-Interstate NHS in Good condition	48	40
	Percentage of pavements of the non-Interstate NHS in Poor condition	9	6
	Percentage of NHS bridges classified as in Good condition	69	77
	Percentage of NHS bridges classified as in Poor condition	0	0.4
	Metro McAllen % revenue vehicles (by type) that exceed useful life benchmark (ULB)	--	7.41
	Valley Metro % revenue vehicles (by type) that exceed useful life benchmark (ULB)	10	10

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National Goal	Measures(s)	HSB MPO	HC MPO
Infrastructure Condition Continued	Metro McAllen % non-revenue service vehicles (by type) that exceed ULB	--	0
	Valley Metro % non-revenue service vehicles (by type) that exceed ULB	50	50
	Metro McAllen % facilities (by group) rated less than 3.0 on Transit Economic Requirements Model (TERM) scale	--	0
	Valley Metro % facilities (by group) rated less than 3.0 on Transit Economic Requirements Model (TERM) scale	0	0
Congestion Reduction	*No required measures for small MPOs and/or areas in attainment for air quality*	--	--
System Reliability	Percentage of person-miles traveled on the Interstate that are reliable	--**	--**
	Percentage of person-miles traveled on the non-Interstate NHS that are reliable	--**	--**
	*Transit: Mean distance between major mechanical failures by mode	-*	-*
Freight Movement & Economic Vitality	Truck Travel Time Reliability Index (TTTRI)	--**	--**
Environmental Sustainability	*No required measures for small MPOs and/or areas in attainment for air quality*	--	--

**Public Transportation Agency Safety Plans (PTASPs) and associated transit safety performance measures are not required to be in place until July 2020. These measures have been included here as reference to the coordinated planning process and further consideration will be applied as targets are established by relevant transit agencies.*

***These measures are excluded.*

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Table 3-2: Brownsville MPO TxDOT Interstate Pavements Targets

IH 5 Year Moving Average Prediction

	LANE MILES									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
GOOD	-	79.2	70.0	79.7	84.6	64.1	76.9	76.5	76.4	75.7
FAIR	-	17.2	20.1	17.2	18.5	14.6	17.5	17.6	17.1	17.1
POOR	-	-	-	-	-	-	-	-	-	-
Total	-	96.4	91.1	96.9	103.1	78.7	94.4	94.0	93.4	92.7

IH 5 Year Moving Average Prediction

	LANE MILES (%)									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
GOOD	0%	82%	79%	82%	82%	81%	81%	81%	82%	82%
FAIR	0%	18%	21%	18%	18%	19%	19%	19%	18%	18%
POOR	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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Demographic Trends

One of the keys to accurately identifying a community's transportation needs is the development of an in-depth understanding of current population and employment trends. Demographic trends, as well as land use patterns, have a direct impact on the modes of travel that residents choose. As such, population and employment density patterns are strongly correlated with the usage of personal automobiles for travel. High-density development begets fewer vehicle miles traveled; low-density development leads residents to spend more time on the road. To better assess the transportation needs of the region, the project team first considered existing conditions and the potential growth trends that will impact both the performance of the transportation system as well as how travelers interact with the system.

Estimates of new housing starts, along with population and employment growth through the forecast year 2040 have provided the basis for updating the MPO area transportation needs. Socio-economic data, which is collected and analyzed for the MPO planning area by the MPO

staff, is used by many parties. Technical Committee members, decision-makers on the MPO Policy Committee, local agency staff, as well as members of the public all utilize this data for a variety of purposes.

MPO staff and MPO Committee members use this data via employment of the LRGV TDM. This travel forecasting tool is used to conduct analyses to assess future traffic impacts. MPO staff assess what differences might be achieved towards the lessening of congestion on existing roadways. This is done by adding new (hypothetical) roadways to the network. This is an important consideration whenever MTP projects are examined. Since travel along a transportation system relies so heavily on these demographic factors, the LRGV TDM was used as it includes an estimate of population and employment distribution for base (2014) and forecast (2040) years.

Additionally, Brownsville MPO employs the use of this TDM for forecasting, historic trends, the transportation-land use connection, and the details which would affect growth in the different areas within the Brownsville MPO planning area.

Harlingen-San Benito MPO

Figure 3-2 shows the HSB MPO planning area, as well as projected outward growth of population from Harlingen, but especially along the major arterials, interstates, and highways within the MPO planning area and around Harlingen's downtown (e.g. N Loop 499 and IH 69E). While several of the more rural zones are estimated to experience population increases, some of the inner urban TAZs (namely within N Loop 499 and around Business 77) of the MPO planning area are projected to experience significant growth.



Exhibit 3-1: San Benito Downtown Business District

Table 3-3 displays the MPO planning area's predicted population growth nearly doubling by 2040.

As shown in **Figure 3-3**, the most significant employment growth is centered around Harlingen's downtown, with other significant employment increases south of IH 69 surrounding Rangerville and towards the United States - Mexico border. Several other TAZs in the urban core of the MPO planning area are estimated to experience modest increases in employment. Similar to the planning area's forecasted population, estimated employment growth nearly doubles by 2040, as see in **Table 3-4**.

Table 3-3: HSB MPO Population Change

Population	
2014	159,119
2040	310,896
Change (%)	95%

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Table 3-4: HSB MPO Employment Change

Employment	
2014	49,628
2040	94,148
Change (%)	90%

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Figure 3-2: HSB MPO Population Change (2014 – 2040)

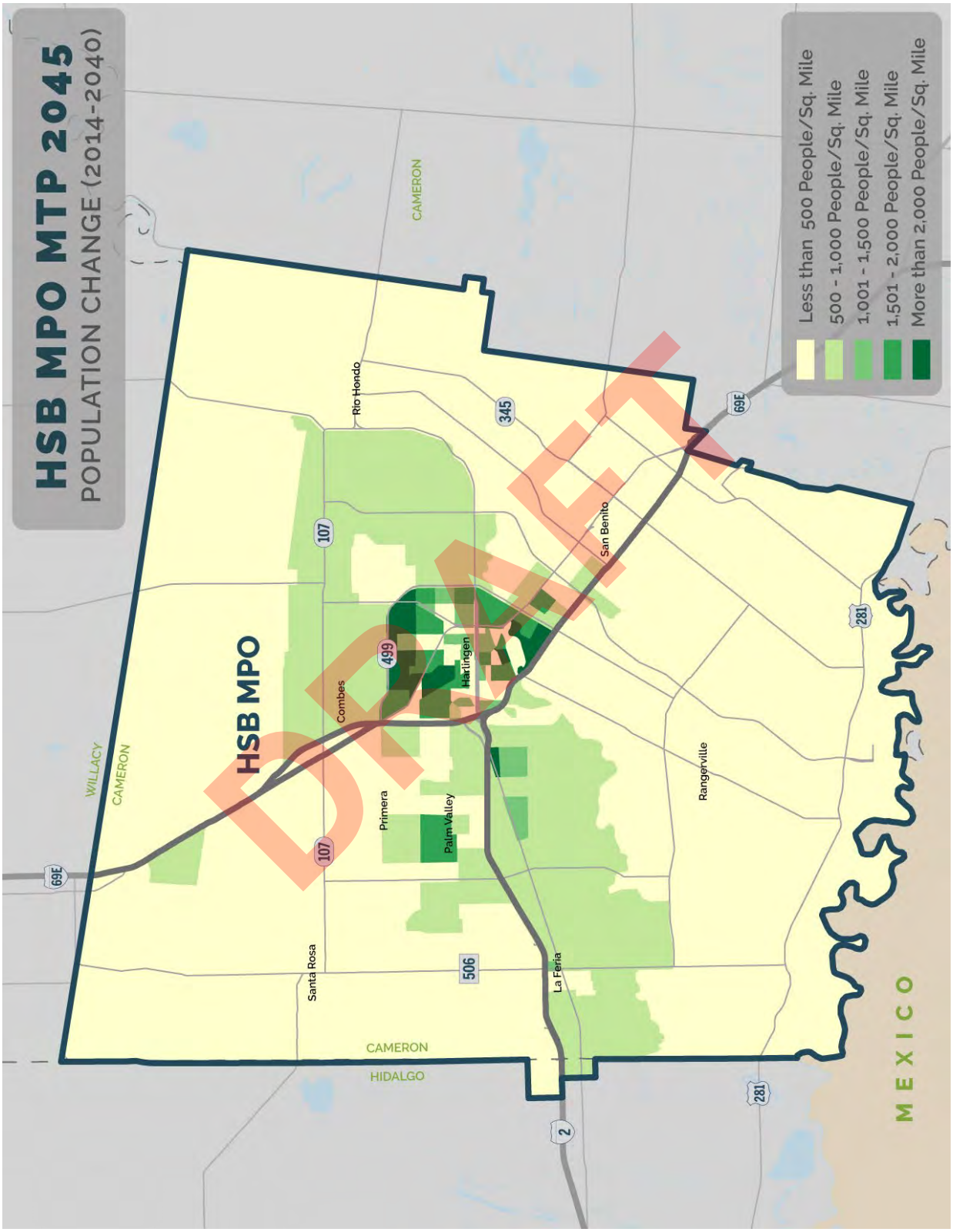
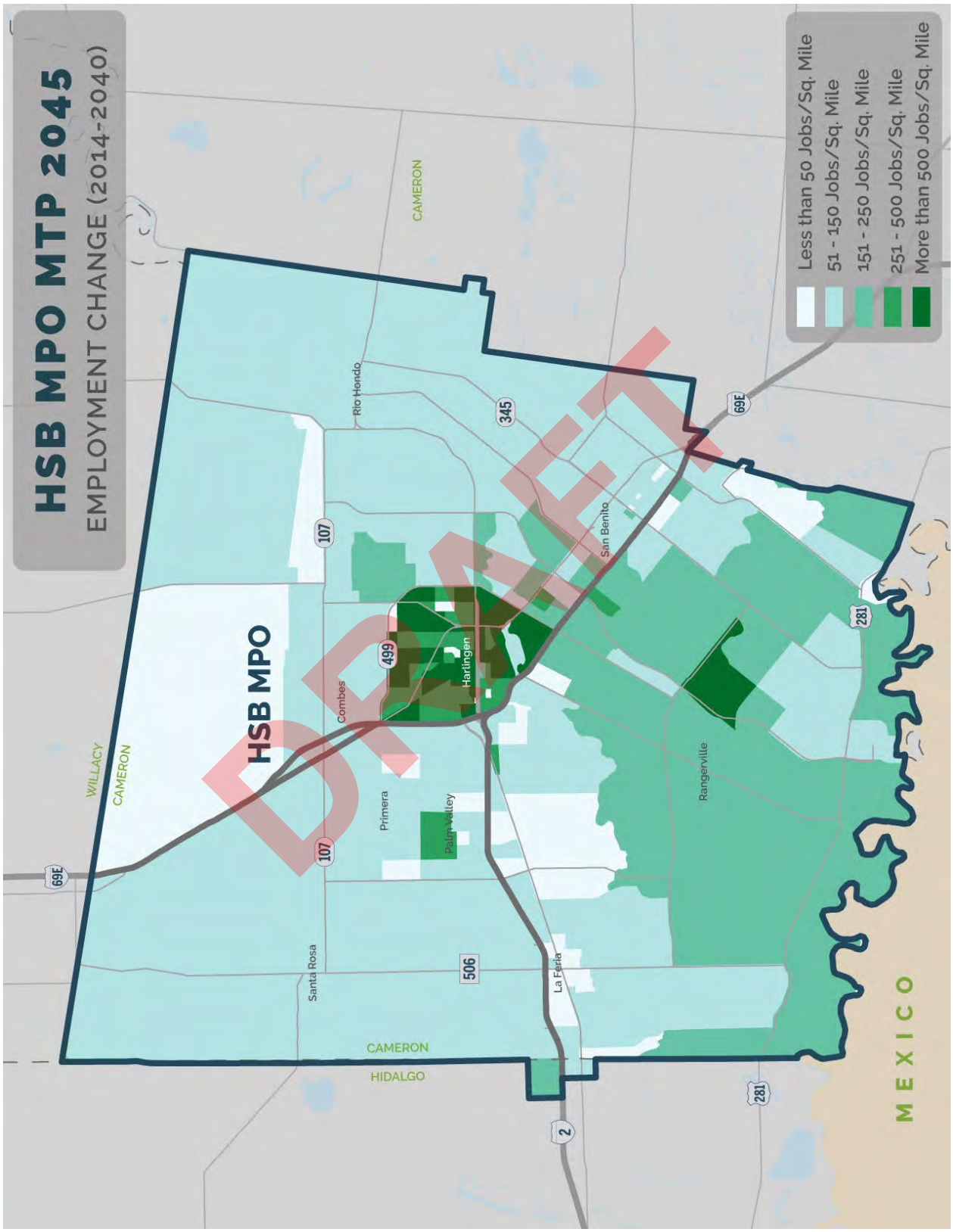


Figure 3-3: HSB MPO Employment Change (2014 – 2040)



Hidalgo County MPO



Exhibit 3-2: McAllen Downtown Business District

Population for the Hidalgo County MPO planning area is estimated to grow from roughly 825,000 in the 2014 base year to over 1,350,000 in the 2040 forecast year (**Table 3-5**). Population growth is shown to occur outwards from the two main interstates. As shown in **Figure 3-4**, population growth is extending from the urban core. Several urban TAZs are projected to experience significant growth (64%) and many of the more rural TAZs can expect population increases of 300 to 1,000 people, such as Elsa/Edcouch, La Joya/Penitas, and Progreso/Progreso Lakes.

As shown in **Figure 3-5,** significant employment growth occurs near major roadways on the fringes of the urban MPO planning area. A small number of TAZs just south of the urban core (Granjeno, Hidalgo, and Pharr) can expect modest employment increase. As shown in **Table 3-6**, the overall employment growth for the Hidalgo MPO planning area is estimated to be 89%.

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Table 3-5: HC MPO Population Change

Population	
2014	827,988
2040	1,356,681
Change (%)	64%

Table 3-6: HC MPO Employment Change

Employment	
2014	232,358
2040	438,021
Change (%)	89%

Figure 3-4: HC MPO Population Change (2014 – 2040)

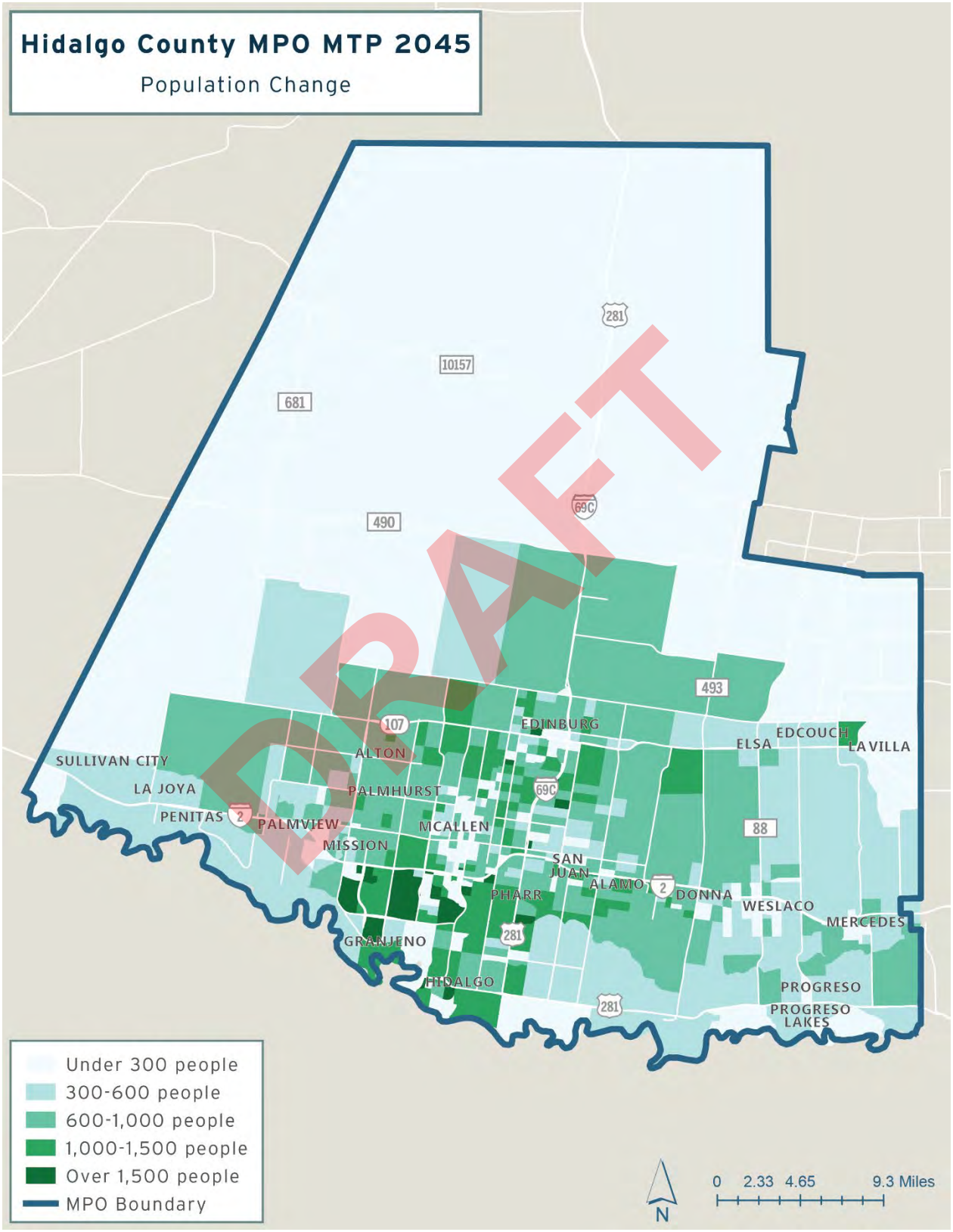
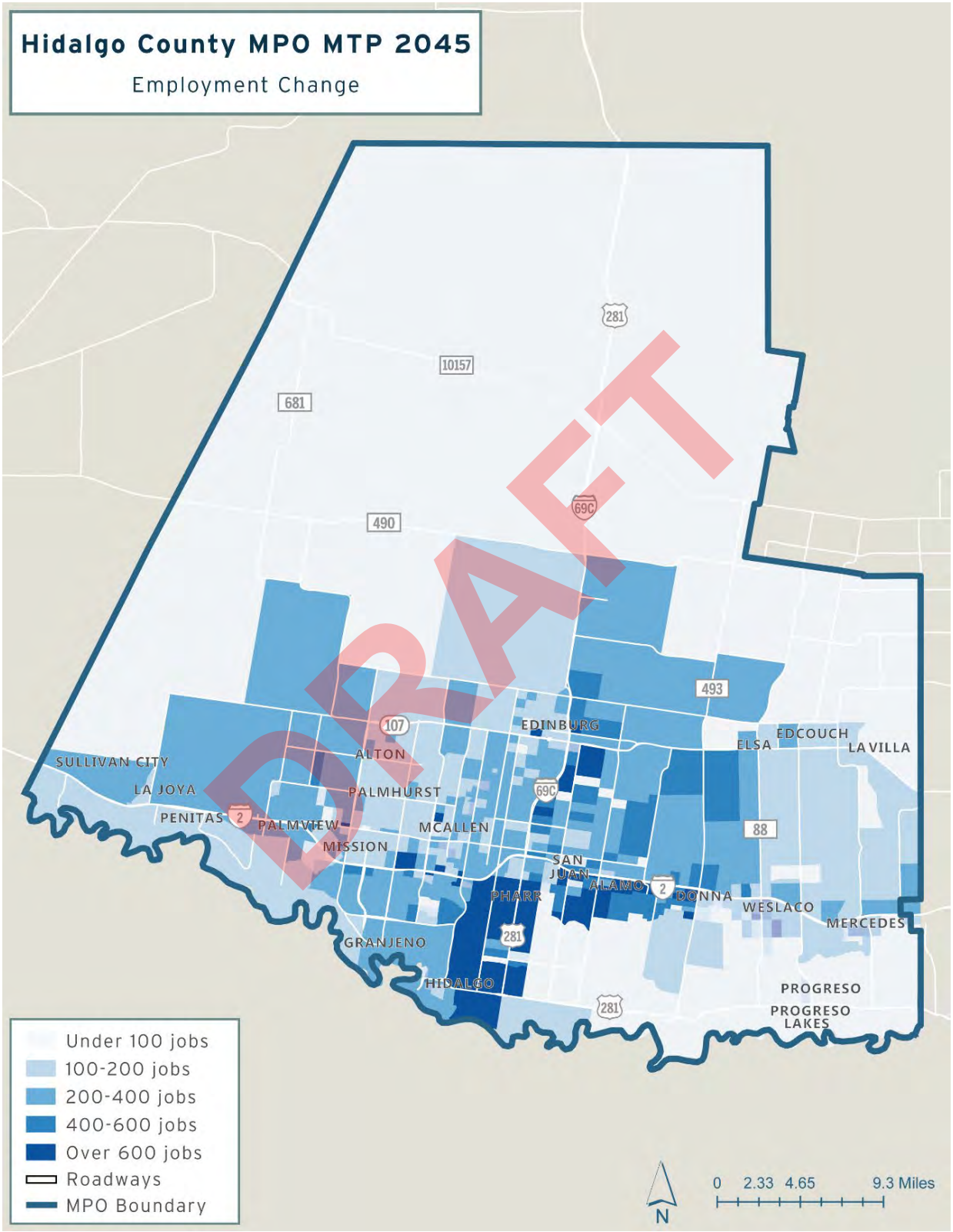


Figure 3-5: HC MPO Employment Change (2014 – 2040)



Brownsville MPO

The Brownsville urbanized area has relied on low-density land development patterns for four to five decades. This reliance is slowly changing, although new patterns or divergences have been incremental and subtle. The Brownsville MPO area has experienced on-going population growth and continued land development. This increase in population is projected to continue in the coming decades (**Table 3-7**).

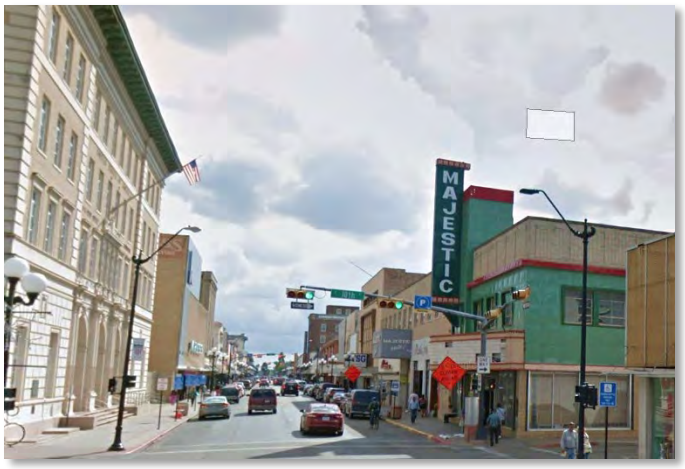


Exhibit 3-3: Elizabeth Street in Brownsville

Table 3-7: Brownsville MPO Planning Area Population Estimate & Forecast

	2020	2030	2040	% Change
Population	267,136	312,080	425,723	58%
Dwellings	87,610	102,350	141,833	54%
Employment	114,904	134,236	183,099	48%

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Background & Recent Trends

A significant part of the MTP development process involves provision of a description or a "picture" of the existing and expected (future) socio-economic characteristics within the Brownsville MPO planning area. The existing "trends" scenario and various alternative scenarios to accommodate growth pose important issues for both MPO decision-makers and local citizens. This linkage, the Transportation-Land Use Connection, can produce immense impacts upon both the transportation system and the community's future development.

Brownsville's urbanized area development patterns over previous decades depict a reliance and a preference for low-density residential development.

This reliance on single family dwelling uses (low density) to accommodate growth has not changed, although a few large-sized apartment complexes built in the northeast quadrant of Brownsville in recent years have shown a slight divergence from the overall pattern. The MPO undertook an extensive examination of alternative land use patterns (scenarios) sometime over a decade ago (2009). Despite the MPO's endorsement of denser settlement patterns, this has not resulted in significant or new land use (zoning) policies at the City of Brownsville, nor at the City of Los Fresnos.

However, there has been a noticeable shift in dedicated funding and new investments for other modes of transportation. Specifically, investments in bicycle and pedestrian improvements have increased. This type of "smart growth" initiative has been embraced by all three municipalities within the MPO planning area. The MPO planning area encompasses the

cities of the Los Fresnos and Brownsville, as well as the Town of Rancho Viejo. Unfortunately, these investments in alternate modes, while welcome, are unlikely to abate the demand for vehicular trips.

Consideration of Alternative Land Use Policies

The Brownsville MPO planning area contains hundreds of square miles of vacant, rural land (some of which is utilized for agricultural purposes). How these rural properties will be used in future decades is a critical issue in terms of land use and transportation outcomes.

Examination of potential scenarios based on alternative land use strategies is termed Scenario Planning. In September 2009, the Brownsville MPO completed a Scenario Planning exercise with local stakeholder participation. The report of this MPO-sponsored study, entitled the "MPO's Study of Land Use: Transportation Alternatives," is posted on the MPO's website for public viewing.

At the present time, very few residential developments, which are of high density in character, are being developed in the Brownsville urbanized area. Single family dwellings with large lot sizes and less dense settlement patterns remain quite popular.

The MPO's examination of issues associated with the linkage of land use: transportation is quite important. Dense settlement patterns can not only serve to lessen vehicle congestion, but, (if other incentives can be made available), such strategies or programs can preserve agricultural businesses and protect the special rural character of South Texas.

With widely scattered, low-density developments; the future costs of providing adequate police and fire (EMS) service rise and become very expensive.

Preservation of farmlands can serve other purposes. Flooding problems seem to be more and more of a serious concern in the Rio Grande Valley. Agricultural lands serve to capture rainfalls and store water, to allow gradual dispersion. In late June,2019 a twelve-inch rain event took place over La Feria, Harlingen and nearby communities. This too place when there had been a minimal chance of rain predicted in the NWS forecast.

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The Transportation-Land Use Connection

Local leaders from Cameron County, the City of Brownsville, the City of Los Fresnos and the Town of Rancho Viejo may become interested in such choices and be able to intervene in these matters in future decades. At the present time, even consideration of alternatives is seen by many persons as a theoretical exercise of little practice value. When homes are repeatedly flooded and expenses mount, then officials start to ask new questions. It is invariably helpful for leaders within the metropolitan area to examine strategies on how to best accommodate future growth. Where it is proper to locate in terms of locating new housing units and jobs. Zoning decisions help determine preferred land use and transportation outcomes.

In 2009, local leaders and MPO members examined land use policies and dealt with trade-offs as they would in the real world, to achieve results that are the beginnings of a complete land use and transportation plan. The participants utilized a Brownsville area base map, and

development potential map, to direct development towards those areas which support various land uses and to help avoid introduction of residential uses in those areas prone to flooding. Such decision-making must account for where new transportation investments will be directed and the timing of those investments. The MPO Committees can aid local municipalities with these issues, but the zoning decisions rest with those bodies.

City of Brownsville – Land Development Policies

In September 2019, the City of Brownsville initiated a project to review and update all ordinances related to land development, including zoning and subdivision regulations. This will result in a single Unified Development Code. Key priorities of this effort include aligning development outcomes with City Commission's strategic plan and ensuring there are regulations in place that emphasize and facilitate sustainable and fiscally responsible growth. Building and fire codes will also be updated in a parallel process. This comprehensive approach will allow the City to modernize and improve the regulatory environment and provide streamlined processes to administer development reviews, permits and projects.

Brownsville Redevelopment Activities

Some noteworthy developments in Brownsville may alter or slightly modify the overall growth scenario for this community. The Central Brownsville Historic District was recently granted National Historic District status by the National Park service.

Brownsville's attempts to have this downtown district added to the National Register of Historic Places began some years ago. This designation is more than a simple recognition of the historical and cultural value of Brownsville's historic buildings. The designation can help secure new investments that serve to preserve these historic structures.

Such federal designation means that owners of properties within the historic district who spend at least $5,000 fixing up their building in the correct manner are entitled to a 20 percent federal tax credit .This incentive may help the City attract new investor's in fixing up these historic properties, and allow new businesses to be introduced into existing, vacant building.

Some property owners may seek and be successful at obtaining Texas Historic Landmark Status, which if granted, entitles those owners another 20 percent in credits. Many buildings in Downtown Brownsville have vacant second stories, (or vacant upper floors), which could serve as residential lofts or apartment units. This historic district designation could serve to renovate or establish new residential units in this area. Downtown Brownsville can accommodate new business without a need for new roadways.

This dense-settlement pattern above, by itself, is unlikely to dramatically alter the overall low-density pattern in this community. However, if combined with other city initiatives, the redevelopment scenario could expand and strengthen an overall movement towards density. For example, in May 2019 the Brownsville City Commission conditionally approved of a TIRZ.

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Growth in Brownsville's Northern Quadrants

The largest portion of residential and commercial growth taking place in Brownsville is focused on those areas found north of FM 802. Another area of note is a former "donut hole" area, which involves acreage located south and north of West Morrison Road.

The removal of the main north: south rail line of the Union Pacific Railroad from the community, allowed West Morrison Road to be established. In turn, the east: west access provided by this arterial has spurred hundreds new, single-family homes to be built here.

New commercial developments located on and near Morrison Road are expected to be built, to accompany or follow this residential growth trend. East Morrison Road is proposed as an extension, 2 miles east of IH 69E.This east-west roadway is proposed to be established as a 4-lane arterial between FM 1847 and SH 550.

Growth in Brownsville's Northwest Quadrant

Residential growth in the western section of the Brownsville urbanized area has been occurring on both sides of US 281. A widening project recently completed by TxDOT for US 281, from FM 3248 to FM 1421, has been a highly useful addition to area roadway network.

A second US 281 widening project, with project limits from FM 1421 westward to FM 1577 is needed to augment safety. These improvements are needed to accommodate trips from the new residential developments planned for this part of the MPO planning area.

Growth in Los Fresnos

Residential growth in the City of Los Fresnos is also continuing at a brisk pace. For these reasons, the establishment of Old Alice Road as a four-lane arterial roadway is needed. Currently, three other roadways (IH 69E, FM 803, and FM 1847) serve the north-south trips between Brownsville and Los Fresnos. The gap or distance between FM 803 and FM 1847 is too large to properly accommodate the expected (future) travel demand.

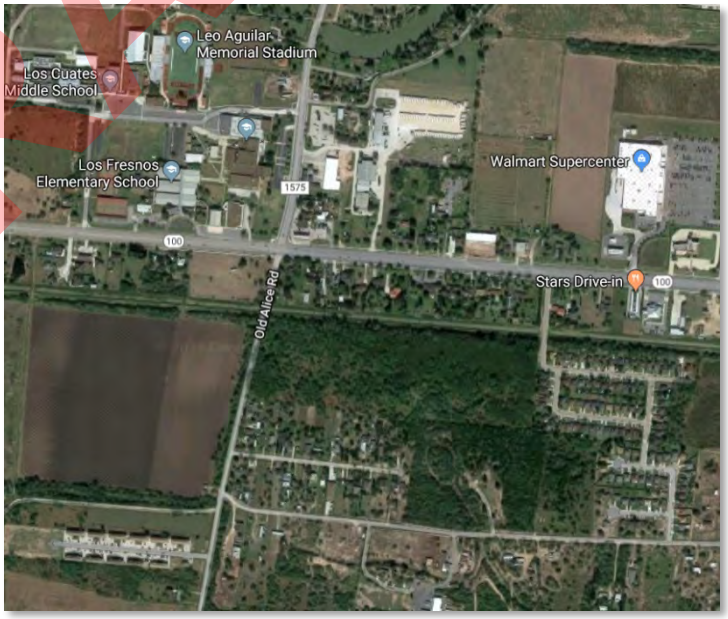


Exhibit 3-4: An aerial of Los Fresnos

Accordingly, the proposed Old Alice Road improvements are needed. The MPO has allocated Category 7 funds for implementation of engineering and environmental work to advance this improvement project. This new roadway will be located between these two other arterial roadways.

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The City of Brownsville and the Cameron County RMA will be sharing the cost of undertaking design work for Old Alice Road.

In addition, these entities will pay for the needed environmental studies.

Since the needed right-of-way was acquired some years ago, this project may advance more rapidly when the design has been completed.

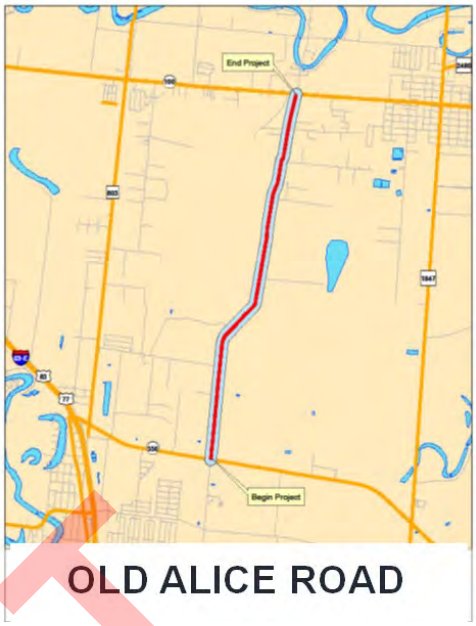


Exhibit 3-5: Old Alice Road

Expected Growth at the Port of Brownsville

The Port of Brownsville is a major center of industrial activity for both the South Texas region and Northern Mexico. The Port has 40,000 acres, which makes it one of the largest ports in the US. There is significant news about new investments. Liquefied Natural Gas (LNG) facilities will be built to export this commodity from the Port. One LNG facility alone is expected to represent a 20-billion-dollar investment.

With deepening of the Port's ship channel, larger classes of sea vessels will be able to make calls (stops) at the Port of Brownsville.

For these reasons, MPO staff expect to see accelerated growth in employment at the Port. Increases are expected in the associated travel demand/trips, pertaining to increased employment and construction activity at the Port of Brownsville. The South Port Connector, (which is funded) and the proposed East Loop, which is listed for Category 12-funding, are important MPO-sponsored MTP improvements needed to respond to the rapid growth expected at the Port.

Also, MPO staff predict that heavy traffic volumes are expected on segments of the SH 48 corridor at the Port of Brownsville.

Roadway Assessment

In an expanding region such as the RGV, the roadway network is a critical piece of the area's transportation system. While it is imperative that the RGVMPO establishes a multi-modal transportation system, the roadway network is a focal point of study as it supports a large portion of the region's day-to-day travel.



Exhibit 3-6: Interstate 2 near the Valle Vista Mall in Harlingen

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The RGVMPO roadway analysis (for the HSB and HC MPO planning areas, respectively) employs the LRGV TDM. For this portion of the roadway assessment, the TDM base year (2014) and forecast year (2040) were used to compare conditions assuming growth continues as expected, however, with no further transportation infrastructure improvements.

For the RGVMPO area, the 2045 MTP uses the following performance measures, derived from the LRGV TDM, to analyze and project travel trends for the region:

- Vehicle Miles Traveled (VMT) – roadway miles traveled by vehicles within a specified period
- Vehicle Hours Traveled (VHT) – additional hours spent in traffic due to congestion on the roadway network
- Volume-to-Capacity (V/C) Ratio – ratio of traffic flow to maximum allowable traffic flow on a road segment, where a ratio of 1 represents a segment at full capacity and higher values indicate more severe congestion
- Percentage of Network Roadway Miles experiencing Heavy Congestion

Regarding Brownsville MPO, existing/ongoing planning efforts are discussed to better understand the current state of the planning area's roadway infrastructure, as well as strategies in place to improve the roadway network moving forward.

Harlingen-San Benito MPO

Congestion Trends

The 2014 Existing Conditions scenario network (**Figure 3-6**) displays high levels of congestion occurring along SH 107 in the northwestern region of the HSB planning area. Moderate congestion is estimated to appear on Business 77 extending from the City of Harlingen to peripheral cities, highway junctions, and Farm-to-Market (FM) Roads. Inversely, the TDM results suggest overall there is minimal congestion experienced within the downtown/urban region of the planning area. However, low congestion is shown to occur within Harlingen sporadically along arterials in some cases (e.g. Tyler/Harrison, FM 2520, and FM 106).

The 2040 TDM scenario network (**Figure 3-7**) forecasts high levels of congestion along highways/arterials extending from the Cities of Harlingen and San Benito. While congestion is shown to increase in both downtown and peripheral regions, the most noticeable congestion is projected to occur along highways/arterials which connect the City of Harlingen with outlying destinations, such as La Feria to the west and San Benito to the southeast.



Exhibit 3-7: Traffic along Business 77 in Harlingen

Table 3-8 presents the regional performance measures for the 2040 no-

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build scenario with comparison to 2014 existing conditions regional performance measures. This table is meant to quantify the anticipated changes in traffic and congestion over time, and also provides a baseline for evaluating other TDM scenarios that reflect the addition of transportation projects developed in this MTP.

Table 3-8: HSB MPO Traffic & Congestion Performance Measures

	2014 – Existing Conditions			2040 – Future No-Build			
	Interstate	Arterials	Total	Interstate	Arterials	Total	% Change for Totals
Daily VMT	1,134,425	1,587,840	2,722,265	2,150,594	3,845,846	5,996,440	120%
per person	-	-	17.11	-	-	19.29	13%
Daily VHT	21,625	40,401	62,027	41,934	103,641	145,575	135%
per person	-	-	0.39	-	-	0.47	20%
Avg. V/C Ratio	0.45	0.43	0.24	0.78	0.77	0.63	162%
% of Roadway Miles with Heavy Congestion	-	-	4%	-	-	35%	709%

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Figure 3-6: HSB MPO Existing Roadway Congestion

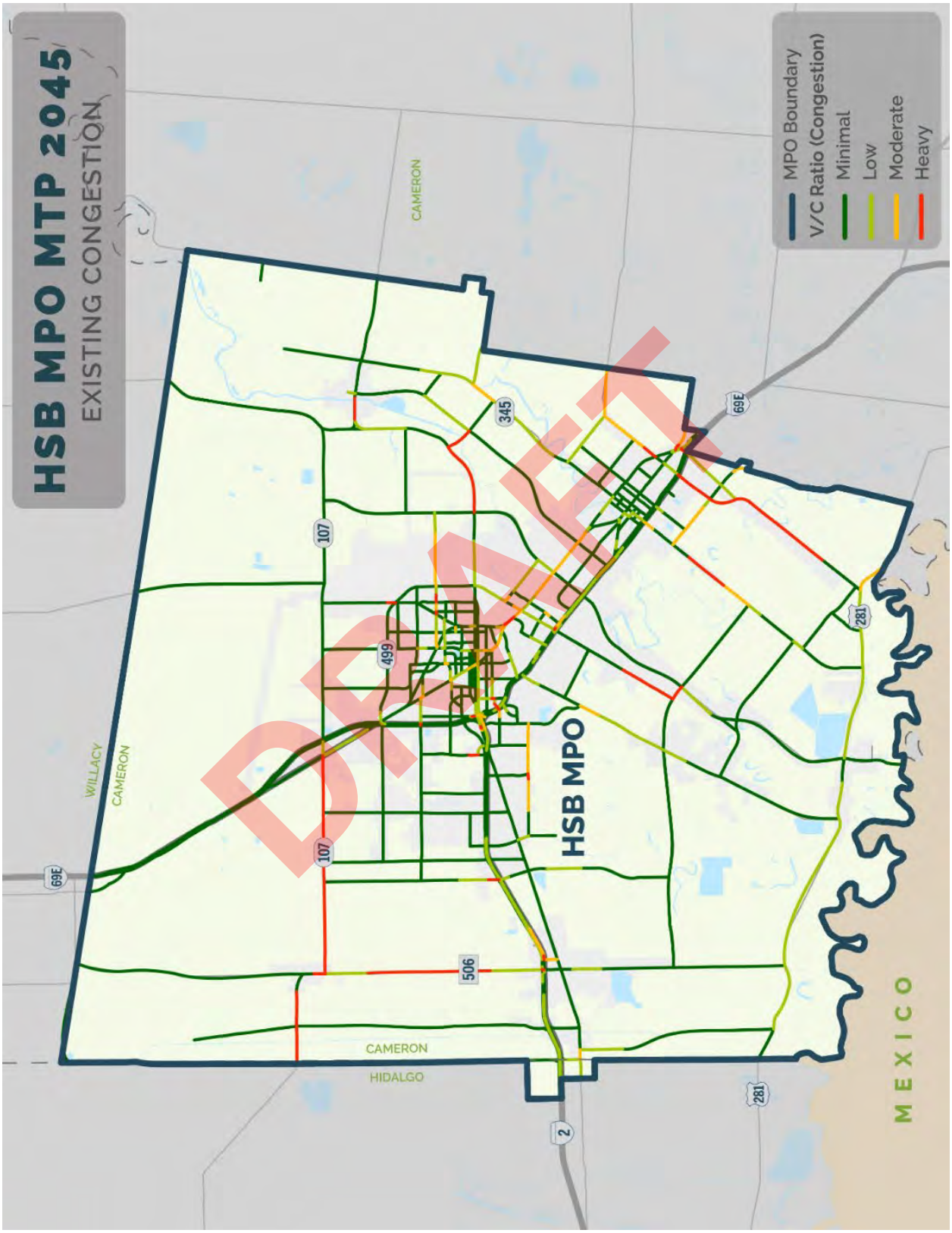
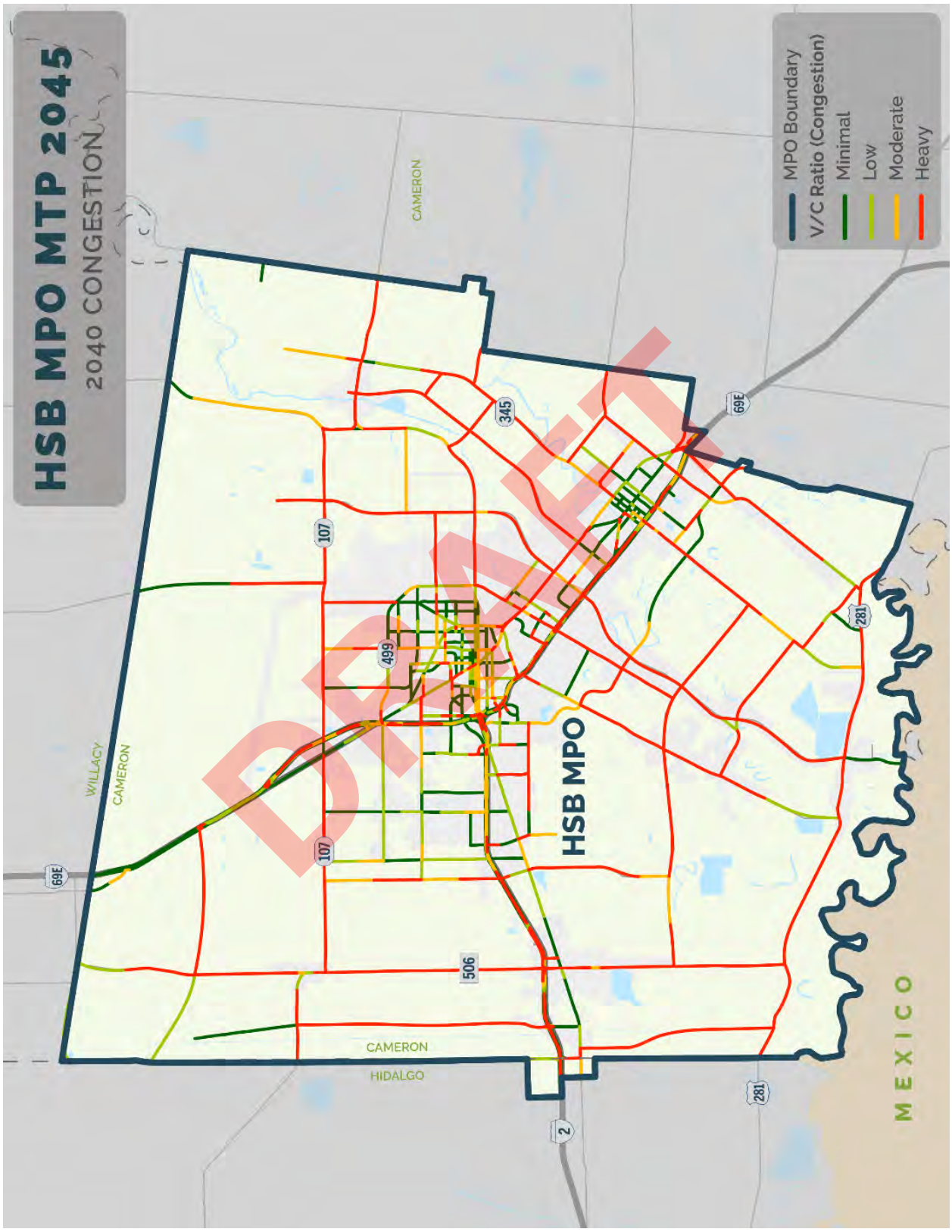


Figure 3-7: HSB MPO Forecast Roadway Congestion



Hidalgo County MPO

Congestion Trends

The 2014 existing conditions scenario network for the Hidalgo County planning area shown in **Figure 3-8** exhibits high levels of congestion occurring along the major corridors and local roadways through the MPO planning area. The City of McAllen is shown to currently experience medium to heavy congestion. The 2014 conditions show US 83, and the corridors feeding into IH 2 such as International Blvd, Tom Gill Rd, County Rd 1400, SH 281, and IH 69C having heavy congestion. Though the City of McAllen exhibits most of the congestion in the planning area, adjacent cities also experience congestion originating from IH 2.

The 2040 TDM scenario network (**Figure 3-9**) displays congestion extending outward from major highways, along principal arterials, and local streets in the HC MPO planning area. IH 2, US 69, SH 281, SH 107, SH 493, and most of the local interior roads within the City of McAllen are expected to experience heavy congestion. IH 2 is expected to be highly congested for large portions of the facilities. The City of McAllen and areas along IH 2 are projected to become heavily congested by 2040, assuming there are no transportation improvements made before that time. In general, the highest levels of anticipated congestion occur along the major highways/arterials providing access to the City of McAllen, US 83, and roadways throughout the region along US 83.

Table 3-9 presents the regional performance measures for the 2040 no-build scenario with comparison to 2014 existing conditions regional performance measures. This table is meant to quantify the anticipated changes in traffic and congestion over time, and it also provides a baseline for evaluating other TDM scenarios that reflect the addition of transportation projects developed in this MTP.

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Table 3-9: HC MPO Traffic & Congestion Performance Measures

	2014 – Existing Conditions			2040 – Future No-Build			
	Interstate & Toll	Arterials	Total	Interstate & Toll	Arterials	Total	% Change for Totals
Daily VMT	3,695,774	10,970,013	14,665,788	5,518,415	19,639,522	25,157,937	72%
per person	-	-	17.90	-	-	18.54	4%
Daily VHT	72,727	292,624	365,351	108,917	530,726	639,643	75%
per person	-	-	.45	-	-	.47	6%
Avg. V/C Ratio	0.73	0.53	0.54	1.03	0.91	0.80	47%
% of Roadway Miles with Heavy Congestion	-	-	14%	-	-	42%	202%

Figure 3-8: HC MPO Existing Roadway Congestion

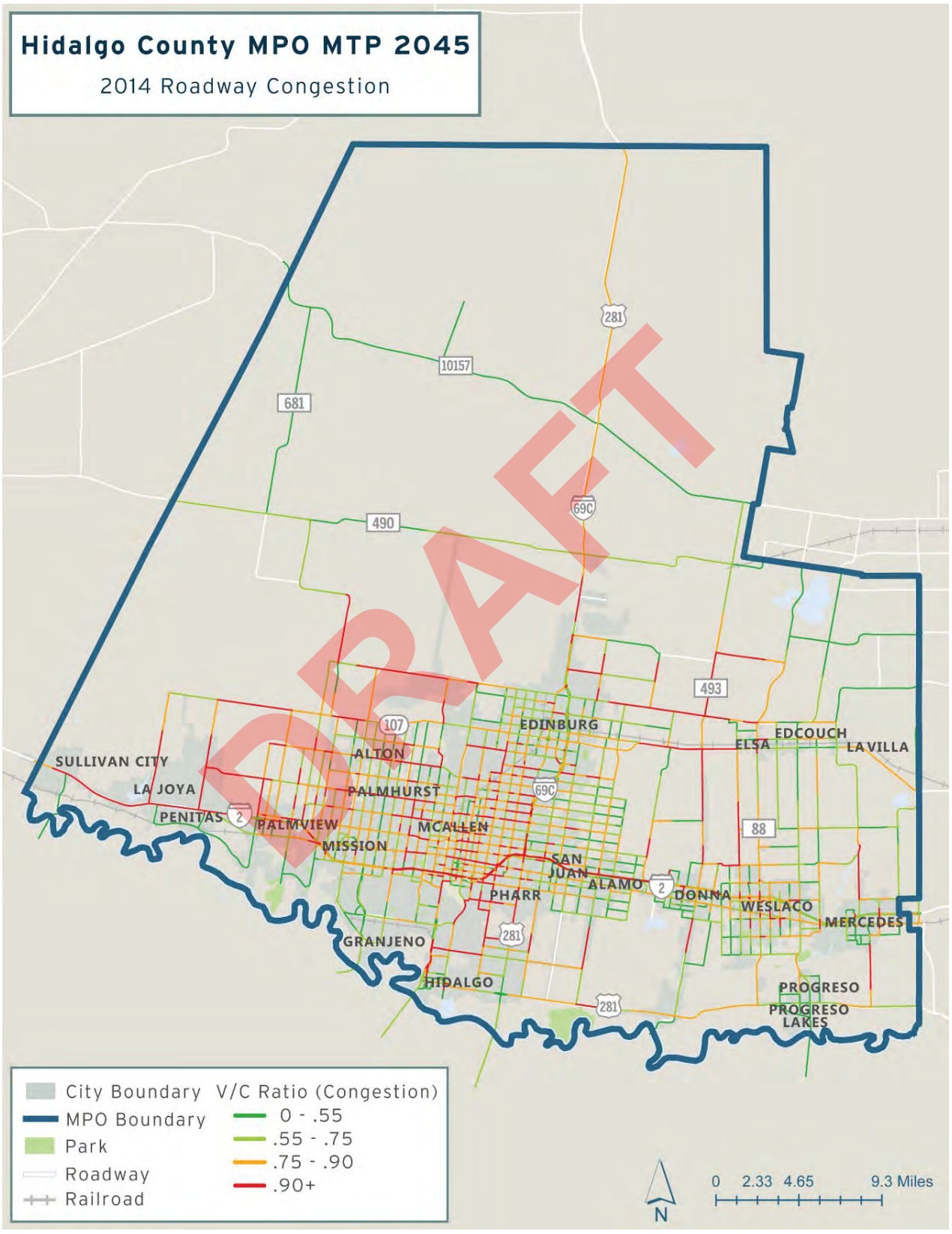
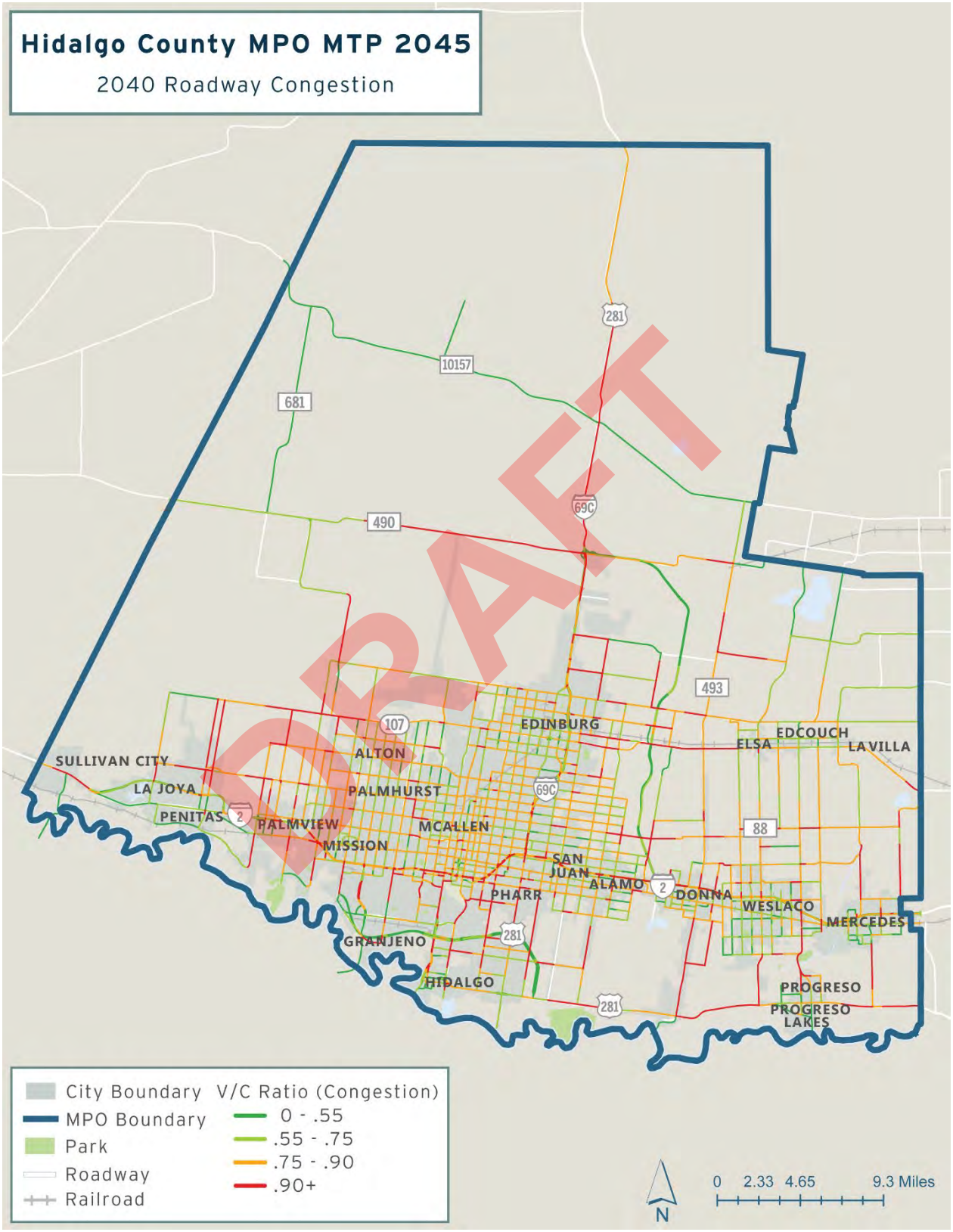


Figure 3-9: HC MPO Forecast Roadway Congestion



Brownsville MPO

Congestion Management Process (CMP)

The Brownsville MPO became a Transportation Management Area (TMA) in July 2012. In anticipation of this change of status, MPO staff asked the MPO Committees for their help in undertaking the MPO's initial "Congestion and Delay Study". In 2019, a second "Brownsville MPO Congestion and Delay Study" was completed. Being the first update since the inaugural study, the MPO is able to compare to the baseline 2011 results. To help establish the CMP network, the MPO staff invited representatives of local agencies and units of government to a kick-off meeting in May 2019 for two purposes. **Table 3-10** shows segments that were most congested during AM and PM peak periods based on Congestion Index in 2019.

Table 3-10: Brownsville MPO Top Congested Segments

Top 20 2019	Top 20 2011	RouteId	Peak	Route	Segment	Length	Speed Limit	Avg Speed	CI
1	18	3020	PM	SH550/FM511 - SE	77 NB FR to FM-803	546	60.0	14.3	0.24
2		3017	AM	SH 48/SH 4 - EB	OLD ALICE to PALM	1253	40.0	10.2	0.25
3	12	3034	PM	SH4/SH48 - SW	WALMART to 802 RUBEN TORRES	712	55.0	15.3	0.28
4	1	3034	PM	SH4/SH48 - SW	HOME DEPOT to BOCA CHICA	591	45.0	13.9	0.31
5		3012	PM	FM 1847 - SB	CARLOS to HERITAGE	3694	50.0	15.6	0.31
6		3034	PM	SH4/SH48 - SW	MCKENZIE to ROBINDALE	577	45.0	14.4	0.32
7		3018	PM	SH 48/SH 4 - WB	OWENS to 14TH	2152	45.0	15.9	0.35
8		3021	PM	Bus 77 - NB	LOS EBANOS to PRICE	1769	40.0	14.2	0.35
9		3034	AM	SH4/SH48 - SW	HOME DEPOT to BOCA CHICA	591	45.0	16.4	0.36
10		3034	AM	SH4/SH48 - SW	802 RUBEN TORRES to 313 MINNESOTA	1391	55.0	20.4	0.37
11		3007	AM	FM 1732 - EB	NoName to 77 SB FR	536	45.0	17.3	0.38
12		3022	PM	Bus 77 - SB	PRICE to LOS EBANOS	1769	40.0	15.7	0.39
13		3011	AM	FM 1847 - NB	COFFEE PORT to 802	820	45.0	17.8	0.40
14		3011	AM	FM 1847 - NB	802 to HERITAGE	4916	49.4	19.7	0.40
15		3033	PM	SH4/SH48 - NE	COFFEE PORT to 313 MINNESOTA	2213	55.0	22.1	0.40
16		3033	AM	SH4/SH48 - NE	SECURITY to BOCA CHICA	1095	40.3	16.4	0.41
17		3033	AM	SH4/SH48 - NE	313 MINNESOTA to 802 RUBEN TORRES	1391	55.0	22.8	0.41
18		3033	AM	SH4/SH48 - NE	802 RUBEN TORRES to WALMART	712	55.0	23.0	0.42
19		3011	PM	FM 1847 - NB	COFFEE PORT to 802	820	45.0	18.8	0.42
20		3013	PM	US 281 - NW	KENNEDY to 802	2621	41.0	17.6	0.43

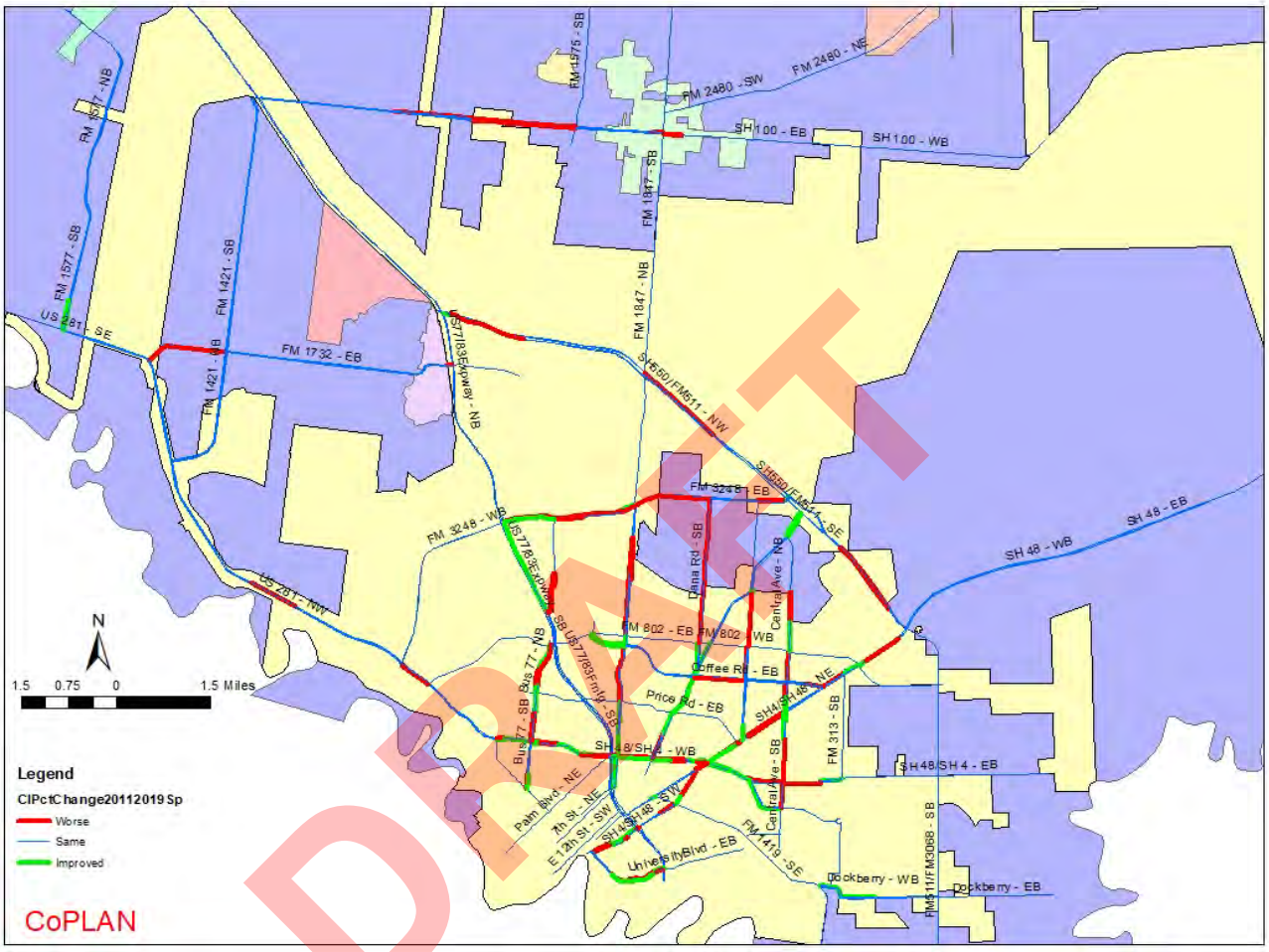
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A CMP should reflect performance measures that are clearly understood and relatable by the public, decision makers, and technical practitioners. Many times, the public do not immediately relate to Capacity or Level or Service. What they do relate to is travel time and speed. The one performance measure that brings all stakeholders together is Congestion Index (CI).

The Brownsville MPO has introduced the use of congestion index (CI) for the primary performance measure in the inaugural CMP. This performance measure allows easy comparison of the efficiency of roadways as a ratio of average travel speed to the posted speed limit. Being the first update to the inaugural 2011 study, the MPO technical committee evaluated thresholds to define what will be used as "unacceptable" congestion. In order to narrow the focus on those roadway segments that need attention and commonly have

recurring delay, a CI rate of 0.60 or 60% of posted speed has been established. Those with a ratio of 0.60 - 0.99 will be considered stable and those ≥1.00 will be considered as free-flow. **Figure 3-10** shows how conditions have changed since the 2011 inaugural CMP.

Figure 3-10: Brownsville MPO Changes in Congestion Compared to 2011



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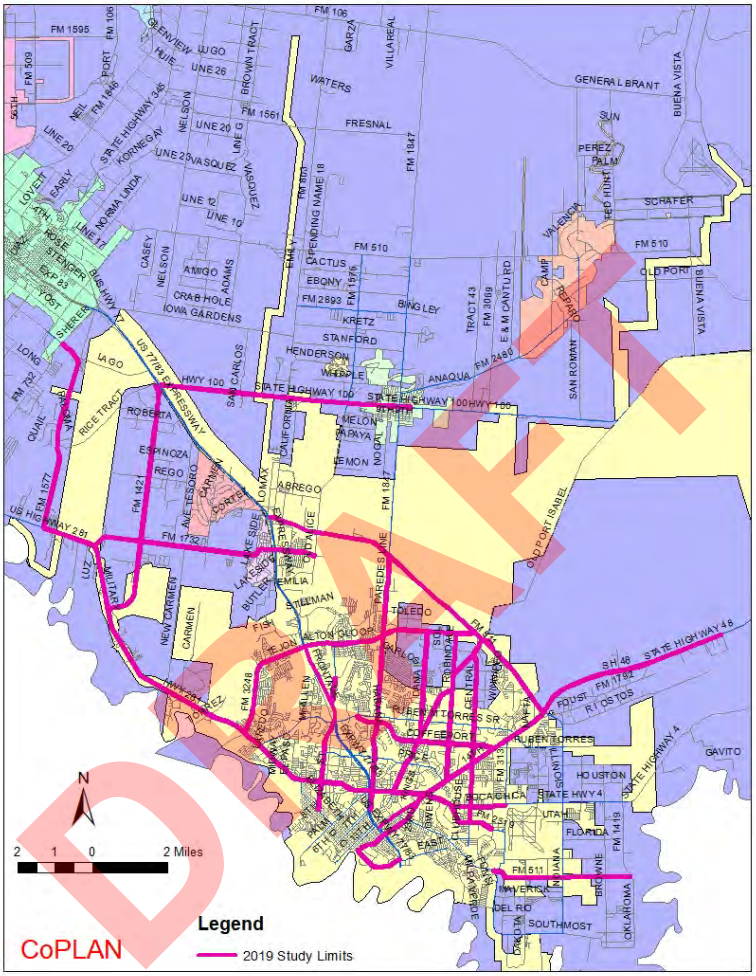
Purpose & CMP Explanation

Congestion management is the use of strategies to optimize operations of a transportation system through management of the existing system. As such, a congestion management process (CMP) is a systematic approach coordinated regionally that provided current performance measures detailing the systems performance and evaluates strategies that meet the local objectives.

The spring study was conducted on approximately 104 centerline miles (211.8 in 2011) of roadways in the MPO region. **Figure 3-11** shows the study area and roadways. The study included 23 (41 in 2011) different roadways, divided into 330 (629 in 2011) separate segments that ranged from 229 fee to 2.5 miles in length in the rural area. For added functionality, each segment was assigned a jurisdiction (City / County) depending on its location within the MPO

boundaries. This attribute will allow the MPO and its members to query data within the database for each respective jurisdiction. All the study roadways are evaluated during the AM and PM peak periods between the hours of 7:00 AM-9:00 AM and 4:00 PM-6:00 PM respectively.

Figure 3-11: 2019 Study Limits



The CMP is not to be a stand-alone study; it is to be an integral component of the metropolitan transportation planning process. Once an MPO exceeds a population of 200,000, the CMP is required according to SAFETEA-LU, while the federal regulations are not strictly stated as to the methodology or approach that is to be followed.

It is necessary for Brownsville MPO to maintain an accurate, up to date regional transportation model in order to conform to State and Federal regulations for air quality and transportation projects. The MPO updates and calibrates its model using current information on the roadway network, area development, and other relevant characteristics. The MPO updates their travel time and speed data periodically.

The travel speeds on congested segments are slower than drivers typically want to drive, and there may be less opportunity for lane changing and maneuvering. Stable sections are accommodating volumes less than capacity. Travel speeds are somewhat slower than the speed limit, but generally acceptable to drivers. Lane changing and maneuvering is less difficult than in congested segments. Free-flow sections are operating well below capacity. Travel speeds equal or exceed the speed limit and traffic can maneuver without interference.

Table 3-11: Congestion Index Criteria

Congestion Index (CI)		
Congestion	**Stable Flow**	**Free Flow**
<0.60	0.60 to 0.99	>0.99

The flexibility is intentional within the regulations to allow the MPO to development a living methodology that evolves with the local objectives and needs.

Of the 210.1 directional miles of roadways studied in the AM peak period, 17.8 miles were free-flow, 157.4 miles were stable, and 34.9 miles were congested. Therefore, for the 2019 study, 83.4% of the roadways operated within an acceptable range during the AM peak period. Of the 210.1 directional miles of roadways studied in the PM peak period, 15.6 miles were free-flow, 161.2 miles were stable, and 33.3 miles were congested. Therefore, for the 2011 study, 84.1% of the roadways operated within an acceptable range during the PM peak period. **Table 3-12** summarizes the number of segments and miles operating under free-flow, stable, and congested conditions.

Table 3-12: Summary of Study Roadways in Terms of CI for AM and PM

Peak Period	Measure	Roadway Condition			Total
		Free Flow > 0.99	Stable 0.6-0.99	Congested < 0.60	
AM	Number of Miles	17.8	157.4	34.9	210.1
	Percentage of Miles	8.5%	74.9%	16.6%	100%
PM	Number of Miles	15.6	161.2	33.3	210.1
	Percentage of Miles	7.4%	76.7%	15.9%	100%

By responding to congestion through a process that involves developing congestion management objectives, developing performance measures to support these objectives, collecting data, analyzing problems, identifying solutions, and evaluating the effectiveness of implemented strategies, the CMP provides a structure for responding to congestion in a consistent, coordinated fashion.

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Positive Results from Prior MPO Investments Informed by the US 77/83 Ramp Improvements

In 2013, the Brownsville MPO and Pharr District staff examined different scenarios for reconfiguration of US 77/83 ramps. Due to congestion issues and safety concerns it became evident that re-design of the expressway ramps on the northbound frontage road was needed. There were seven proposals, Option 6 was chosen after TxDOT staff conducted public involvement activities.

The US 77/83 facility is now designated as IH 69E.The package of improvements, which were built, became known as the US 77/83 ramp "Reconfiguration Project."

The Improvements included the following:

- Closure of the Morrison exit
- Relocation of the FM 802 entrance some distance to the north;
- Reversal of entrance/exit ramps between Morrison Rd and Morrison Rd and FM 3248. Another important feature was the addition of a right-hand turning lane, just south of the northbound Frontage Road/FM 324 intersection.
- Construction work for these improvements started on February 2, 2015. The contractor, IOC, was awarded a contract of about 4.3 million dollars. These improvements have worked very successfully to improve safety, reduce accidents, and lessen the previous congestion problems. The MPO's 2019 Congestion and Delay Study reveals that free flow conditions usually occur within this northbound frontage road segment. The MPO's investment did reduce congestion.

2019 Congestion & Delay Study (CMP Related Investments)

In 2015, due to the CMP, the Brownsville MPO established a "set-aside" policy to find operational improvements. These types of improvements are quite often less expensive than adding capacity or widening of roadway corridors. It was determined by the MPO to set aside 10% of the Category 7 monies operational for (CMP) improvements for a two-year period, and the results.

Since the Category 7 allocations was roughly 4 million dollars per year, two years of set aside funding represented $800,000. As it turned out, the MPO funded signal optimization at seven locations in Brownsville, with a larger expenditure of 1.1 million dollars.

Assessment of these locations in terms of roadway conditions has not taken place; these seven signal improvements are being completed now as this MTP document is being finalized. Thus, the MPO has been unable to access the effectiveness of these investments, in terms of aiding traffic flow. It should be noted that one aspect of these Category 7 investments has already been successful.

MPO staff have received a significant number of public comments praising the utility of the sidewalk improvements installed adjacent to these signal locations. In addition, pedestrian push buttons, will crosswalk signals, one being installed at all these seven signal locations. This will aid safe travel for pedestrians.

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Another MPO-sponsored investment that pertains to CMP issues is pending the start of construction. The SH 48 raised center median improvements involve a 3-million-dollar investment to improve traffic flow within a 3-mile segment of the Boca Chica Boulevard Corridors. This project was selected due to its potential for improving traffic flow.

The limits are from IH 69E eastward to the SH 4/SH 48 intersection. Traffic flow will be improved by the elimination of may conflict points that now exist due to the center turn lane. Also, the number of accidents that take place on this roadway will be reduced due to the elimination of conflict points.

2019 CMP Report Recommendations

Improvements include signal timing optimization / traffic signal progression, access management, additional capacity, and adding signals in place of stop signs. Benefits of these improvements are described below. Additionally, the MPO should encourage the use of alternative modes such as public transit, bicycling, and walking to the extent possible. This will not only help divert some vehicular trips but will also minimize vehicular emissions.

Table 3-13: Top 20 Recommendations to Mitigate Congestion

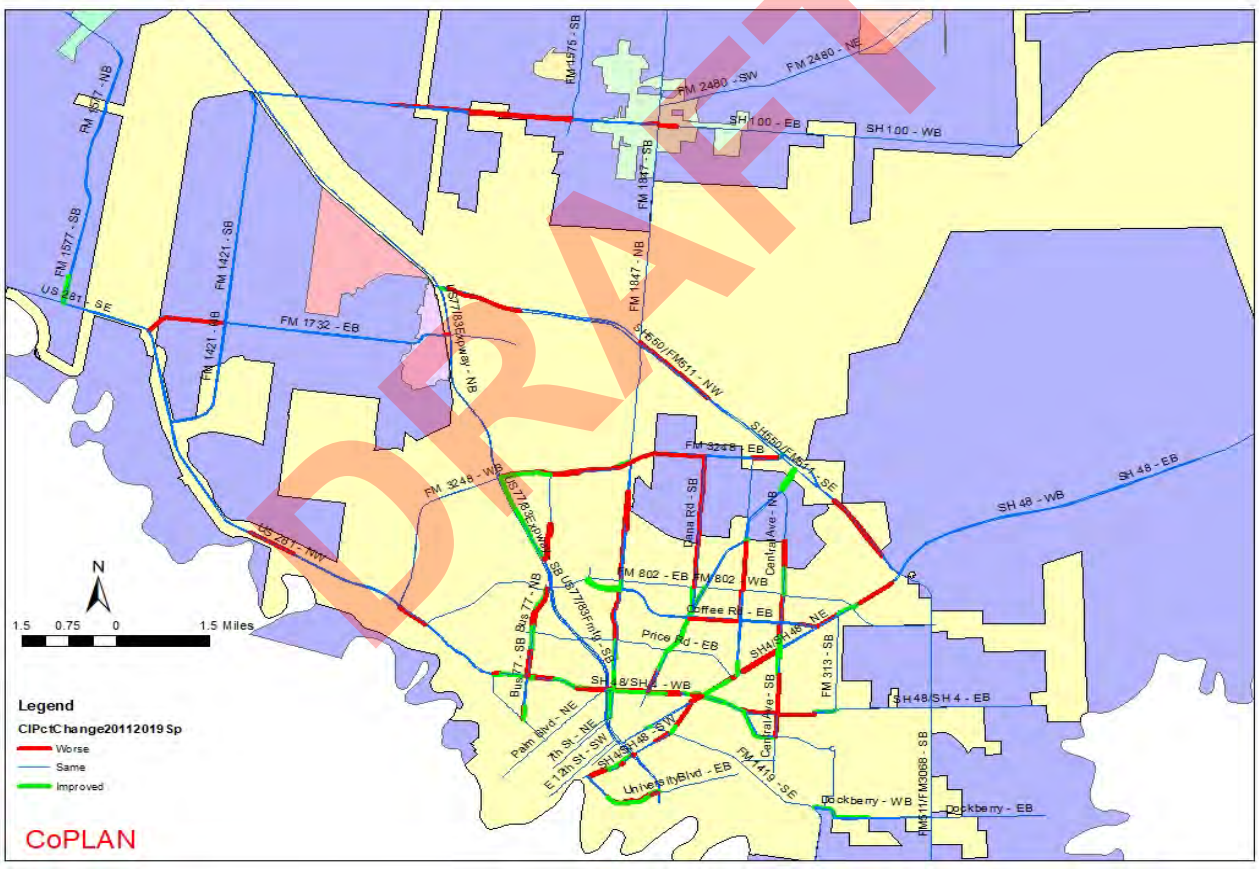
Top 20 2019	RouteId	Route	Segment	Length	Peak	Speed Limit	Avg Speed	CI	Control	CIPctChang	Recommendation Categ	Recommendation
1	3020	SH550/FM511 - SE	77 NB FR to FM-803	546	PM	60.0	14.3	0.24	All-Way Stop	-0.14	Stop Sign	AM / PM 4-way stop approaching freeway ramp. Short segment with stop sign, delays unavoidable. Monitor for need of a signal in the future.
2	3017	SH 48/SH 4 - EB	OLD ALICE to PALM	1253	AM	40.0	10.2	0.25	Signal	-0.61	Local Operations	Very confined area with closely spaced signals, requires very good coordination of the signals to minimize delays
3	3034	SH4/SH48 - SW	WALMART to 802 RUBEN TORRES	712	PM	55.0	15.3	0.28	Signal	0.08	Case Study	AM / PM Intersection included in 2011 Case Study, incorporate recommendations
4	3034	SH4/SH48 - SW	HOME DEPOT to BOCA CHICA	591	PM	45.0	13.9	0.31	Signal	2.40	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
5	3012	FM 1847 - SB	CARLOS to HERITAGE	3694	PM	50.0	15.6	0.31	Signal	-0.45	Local Operations	AM / PM Delay focused at Carlos intersection. Cross street is minor and primarily serves local property that should not delay N/S traffic
6	3034	SH4/SH48 - SW	MCKENZIE to ROBINDALE	577	PM	45.0	14.4	0.32	Signal	0.02	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
7	3018	SH 48/SH 4 - WB	OWENS to 14TH	2152	PM	45.0	15.9	0.35	Signal	-0.11	Case Study	Intersection included in Case Study, include findings
8	3021	Bus 77 - NB	LOS EBANOS to PRICE	1769	PM	40.0	14.2	0.35	Signal	-0.16	Local Operations	Corridor appears to have good capacity and only local delays at the intersections. Evaluate signal timing to provide better progression between Jefferson and FM 802.
9	3034	SH4/SH48 - SW	HOME DEPOT to BOCA CHICA	591	AM	45.0	16.4	0.36	Signal	0.16	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
10	3034	SH4/SH48 - SW	802 RUBEN TORRES to 313 MINNESOTA	1391	AM	55.0	20.4	0.37	Signal	-0.09	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
11	3007	FM 1732 - EB	NoName to 77 SB FR	536	AM	45.0	17.3	0.38	All-Way Stop	0.16	Stop Sign	Stop controlled on minor approach to US 77 SBFR. Delays unavoidable.
12	3022	Bus 77 - SB	PRICE to LOS EBANOS	1769	PM	40.0	15.7	0.39	Signal	-0.09	Local Operations	Corridor appears to have good capacity and only local delays at the intersections. Evaluate signal timing to provide better progression between Jefferson and FM 802.
13	3011	FM 1847 - NB	COFFEE PORT to 802	820	AM	45.0	17.8	0.40	Signal	-0.12	Local Operations	All 4 approaches to FM 802 and FM 1847 congested. Intersection includes good access mgmt E/W but TWLTL N/S. Dual left and channelized rights E/W. Evaluate signal operations to maximize efficiency.
14	3011	FM 1847 - NB	802 to HERITAGE	4916	AM	49.4	19.7	0.40	Signal	-0.34	Local Operations	Delay limited to short segments at intersections and local access. Provide improved coordinated signal timing to address conditions
15	3033	SH4/SH48 - NE	COFFEE PORT to 313 MINNESOTA	2213	PM	55.0	22.1	0.40	Signal	-0.11	Case Study	AM / PM Intersection included in 2011 Case Study, incorporate recommendations
16	3033	SH4/SH48 - NE	SECURITY to BOCA CHICA	1095	AM	40.3	16.4	0.41	Signal	-0.48	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
17	3033	SH4/SH48 - NE	313 MINNESOTA to 802 RUBEN TORRES	1391	AM	55.0	22.8	0.41	Signal	0.41	Case Study	Intersection included in 2011 Case Study, incorporate recommendations
18	3033	SH4/SH48 - NE	802 RUBEN TORRES to WALMART	712	AM	55.0	23.0	0.42	Signal	-0.11	Case Study	Intersection included in 2011 Case Study, iincorporate recommendations
19	3011	FM 1847 - NB	COFFEE PORT to 802	820	PM	45.0	18.8	0.42	Signal	0.17	Local Operations	All 4 approaches to FM 802 and FM 1847 congested. Intersection includes good access mgmt E/W but TWLTL N/S. Dual left and channelized rights E/W. Evaluate signal operations to
20	3013	US 281 - NW	KENNEDY to 802	2621	PM	41.0	17.6	0.43	Signal	-0.17	Intersection Geometry	With T-intersection and no future need to add the 4th leg, consider making SB movement continuous flow and only control NB and WB

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Improvements include signal timing optimization / traffic signal progression, access management, additional capacity, and adding signals in place of stop signs. Benefits of these improvements are described below. Additionally, the MPO should encourage the use of alternative modes such as public transit, bicycling, and walking to the extent possible. This will not only help divert some vehicular trips but will also minimize vehicular emissions.

Many of the recommendations include signal timing improvements. Signal timing improvements are a relatively inexpensive way to make significant improvements on a transportation network. Improved signal timing can decrease delay by appropriately allocating green time among competing phases. This allows more traffic to pass through the signal with less delay. By adjusting cycle lengths and offsets, drivers can travel longer distances along a corridor before having to stop for a red light. This decreases travel time and improves air quality.

Figure 3-12: Changes in Congestion Index Between 2011 and 2019



Both signal timing optimization and traffic signal progression are low cost improvements to make the best use of existing capacity and optimize allocation of funding. The cost for a signal timing improvement project varies depending on the number of traffic signals, the controller capabilities, the location of the traffic signals and adjacent signals, the number of timing plans required, and implementation and fine-tuning needs.

The Federal Highway Administration defines access management as "the process that provides access to land development while simultaneously preserving the flow of traffic on the surrounding system in terms of safety, capacity, and speed."

The region has been successful with implementing access management on select corridors over the last few years. This experience has demonstrated the difficulty with doing this after the fact when a corridor is fully developed with commercial activity. The City of Brownsville needs to continue adding these strategies on the front-end of new development and incorporate applicable strategies into the review process with combined driveways, use of medians to limit points of conflict, and cautious use of continuous left turn lanes that lead to challenging access and unlimited points of conflict.

US 77/83 Ramp Improvements

The US 77/83 facility is now designated as IH 69E. The package of improvements, which were built, became known as the US 77/83 ramp "Reconfiguration Project."

The Improvements included the following:

- Closure of the Morrison exit;
- Relocation of the FM 802 entrance some distance to the north; and
- Reversal of entrance / exit ramps between Morrison Road and FM 3248.

Another important feature was the addition of a right-hand turning lane, just south of the northbound Frontage Road: FM 324 intersection. Construction work for these improvements started on February 2, 2015. These improvements have worked very successfully to improve safety, reduce accidents, and lessen the previous congestion problems.

The region has been successful with implementing access management on select corridors over the last few years. This experience has demonstrated the difficulty with doing this after the fact when a corridor is fully developed with commercial activity. The City of Brownsville needs to continue adding these strategies on the front-end of new development and incorporate applicable strategies into the review process with combined driveways, use of medians to limit points of conflict, and cautious use of continuous left turn lanes that lead to challenging access and unlimited points of conflict.

US 281 Connector

One other item is deserving of mention, as concerns planning efforts to accommodate future border trade. The US 281 Connector was originally proposed by the Brownsville MPO as a new roadway (or connector) between US 281 and FM 511 at the US 77/83 Expressway. After months of study and extensive public input, TxDOT's Pharr District and the Brownsville MPO determined that another alignment for the US 281 Connector was a better option. The new alignment will establish a connection to the US 77/83 Expressway interchange with SH 100. The Brownsville MPO has illustrated the preferred US 281 connector alignment on the MPO's Thoroughfare Plan map.

TxDOT hired a consultant some years ago to determine a preferred alignment for the US 281 corridor. Work was stopped due to a shortage of funding. The various issues concerning

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development of the U.S. 281 Connector need to be addressed. As a major east-west corridor, this proposed roadway should be a part of TxDOT's and the MPO's future infrastructure needs. Staff at Cameron County have started discussions with TxDOT staff about fashioning a cooperative agreement for the Cameron County RMA to undertake design and development work for this proposed roadway.

At this time, this proposed project is listed in the MPO's MTP for preliminary engineering (design) activities. At some future date, the Cameron County RMA may be able to formulate a financial plan that demonstrates how it could fund construction work.

SH 48 Corridor to Experience High Traffic Volumes

Local officials expect large increases in traffic volumes on several segments of SH 48 in both the short-range and long-range time frames. It will be caused by large-scale industrial investments at the Port of Brownsville.

For example, it is expected that a new steel mill and a liquefied natural gas (LNG) export complex will be built soon. Both investments involve thousands of workers to construct these new facilities and hundreds of truckload deliveries. Big River Steel signed an option with the Port to construct a $1.6 billion LEED-certified steel mill. Upon completion, this will bring 500 new jobs to the Port. Annova LNG, Rio Grande LNG and Texas LNG are in the final phases concerning Federal Energy Regulatory Commission permitting.

One LNG investment is anticipated to comprise a 20-billion-dollar expenditure. Two other, smaller LNG facilities are also pending. When 8,000-10,000 trips per day (for workers) and hundreds of daily truck trips are combined, one can envision that the current SH 48 roadway facilities will be severely taxed in handling this additional traffic.

An RGVMPO sponsored study will examine the SH 48 corridor segment defined by the FM 802/SH 48 intersection, eastward (past the Fishing Harbor) to the MPO boundary line. This RGVMPO sponsored SH 48 Corridor Study will be conducted to determine future transportation needs.

It is expected that professional services from a consultant firm will be needed to help conduct this study. The new RGVMPO has made plans to undertake this study under the 2020-2021 UPWP.

To accommodate significant growth in future traffic volumes on SH 48, various roadway improvements are likely needed, including but not limited to the following:

- the addition of frontage roads,
- the addition of one or more overpasses with access/exit ramps,
- proposed signal improvements,
- other related improvements, such as improved drainage.

This RGVMPO sponsored Corridor Study will help address how to meet these transportation infrastructure needs. Other improvements listed within the 2020-2045 MTP are included to accommodate the area's residential and commercial growth.

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Exhibit 3-8: SH 48 approaching IH 69E in Brownsville

Public Transportation



Exhibit 3-9: Metro McAllen Central Station McAllen, TX

The following sections present an analysis of the RGV's existing transit system(s) and transit needs of the overall communities. Accordingly, the findings from the existing conditions analysis highlight opportunities for improvement so that HC MPO, HSB MPO, and Brownsville MPO, as well as their planning partners can prioritize investments in public transportation. For each MPO planning area, analysis contains an inventory of existing services. For both the current HSB and HC MPO regions, population and employment coverage of the existing transit system is analyzed, and a gap analysis based on transit supply, demand, and key destinations within the MPO planning area is conducted. The transit analysis was guided by information derived from MPO agencies, the US Census, and was supported by a Geographic Information Systems (GIS) analysis.

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Existing Services

Generating an understanding of the region's existing transit system helps identify the strengths of the system, as well as where deficiencies in service occur. This detailed understanding will in turn be used to inform solutions/improvements to address existing deficiencies and allow the RGVMPO and local transit agencies to implement public transportation that best serves the current and future regional population. **Table 3-14** lists existing transit services in the study region.

Table 3-14: RGVMPO Transit Service Providers

Provider	Type of Service	Governing Body	Service Area
Valley Metro	Flex route, fixed route	Lower Rio Grande Valley Development Council	Regional
Metro Express (Red Line)	Fixed route Express	Valley Metro	Brownsville, McAllen
Metro McAllen	Fixed route, Paratransit	City of McAllen	McAllen city limits
Brownsville Metro	Fixed route, Paratransit, Intercity 2013-2018	City of Brownsville	Brownsville, Regional
Vaquero Express	Campus Shuttle	University of Texas Rio Grande Valley	Brownsville, Edinburg and Harlingen Campuses
JagExpress	Commuter, Shuttle	South Texas College	Regional
Island Metro	Fixed route	City of South Padre Island	South Padre Island, Port Isabel, Laguna Heights

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Valley Metro

Governed by the Lower Rio Grande Valley Development Council (LRGVDC), Valley Metro is a large service provider in the RGVMPO area.

Table 3-15 shows span, frequency, and type of service for Valley Metro routes. Valley Metro is free to ride for children under 7 and $1 for regular fare. Riders are eligible for $0.50 fare if they are elderly, disabled, students, veterans, or on Medicare.



Exhibit 3-10: Valley Metro Bus for LRGVDC

Table 3-15: Valley Metro Service

Route	Span of Service	Frequency	Type of Service	Operated By
Route 10	M-Sat: 6:30am - 5:30pm	120 min	Flex	Valley Metro
Route 11	W: 6:00am - 2:00pm	-	Flex	Valley Metro
Route 12	M-F: 7am - 6pm	200 min	Flex	Valley Metro
Route 14	M-F: 7:30am - 8:00pm	30 min	Flex	Valley Metro
Route 15	M-Sat: 7am - 5pm	60 min	Flex	Valley Metro
Route 16	M-F: 7am - 6pm	5-10 min	Flex	Valley Metro
Route 20	M-Sat: 6:30am - 5:30pm	120 min	Flex	Valley Metro
Route 21	M, W, F: 7:40am - 2pm	6 hr. 20 min	Fixed	Valley Metro
Route 30	M-Sat: 6:20am - 4:50pm	90 min	Flex	Valley Metro
Route 31	M-Sat: 6am - 6pm	60-120 min	Fixed	Valley Metro
Route 32	M-Sat: 6am - 6pm	60-120 min	Flex	Valley Metro
Route 40	M-F: 6:30am – 5:30pm	60 min	Flex	Valley Metro
Route 41	M-Sat: 6:30am – 5:30pm	60 min	Flex	Valley Metro
Route 42	M-F: 6:35am – 3:43pm	90 min	Fixed	Valley Metro
Route 43	M, W, F: 8:00am – 2:45pm	120 min	Fixed	Valley Metro
Route 44	M-F: 6:30am – 4:30pm	120 min	Flex	Valley Metro
Route 45	M-F: 6:15am – 6:55pm	90 min	Flex	Valley Metro

RGV Metro Express (Formally Metro Connect)

The City of Brownsville/Brownsville Metro served as the lead agency for the Metro Connect Service from 2013 to 2018. Metro Connect was an intercity bus service operated through 3 mainlines; the Blue Line connecting South Padre Island (SPI) to Brownsville, Red Line Brownsville to McAllen, and Green Line McAllen to Edinburg. Metro Connect was funded through TxDOT's Intercity Bus Program (ICB) in partnership with the City of McAllen/Metro McAllen, City of South Padre, Island/Island Metro and Valley Transit Company (VTC), a private agency with connections to LRGVDC/Valley Metro's routes. The LRGVDC/Valley Metro partnership was included in the funding application submitted in February of 2016 for the funding cycle of fiscal years 17-18. The LRGVDC partnership consisted of constructing a transfer point bus stop in the RGV Outlets in Mercedes that would serve as a point for continued connections with Valley Metro's service. On October of 2018, the City of Brownsville/Brownsville Metro entered into an agreement with LRGVDC to provide drivers who previously were provided by Valley Transit Company (VTC) whose contract expired on September 31, 2018.

The Metro Connect service was the outcome of the Regional Transit Advisory Panel planning efforts through the development of the LRGV Regional Public Transportation Coordination Plan. The goal continues to be to provide seamless connectivity through the mainline routes creating a feeder network among the four transit agencies in the region connecting through the transit hubs and transfer points. For this reason, all systems changed their names to include the word "Metro" and thus "Metro Connect" providing seamless connectivity to all transit providers. It is important to note that while working on these efforts, Valley Metro did enter into an Agreement with UTRGV for the creation of Vaquero Express; which is a campus to campus transit service (discussed in detail below).

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The transition to RGV Metro Express is the result of a program requirement to obtain a sustainable source of local funds for the continuation of the intercity bus service, the recommendation of the Brownsville Transit Plan, and engaging UTRGV as a partner. The intent of the new RGV Metro Express is to increase capacity, frequency, and cost efficiencies as identified through the Metro Connect and Vaquero Express service discussions over the last couple of years. The LRGVDC is a voluntary association of local governments serving Cameron, Hidalgo and Willacy County whose role is to promote and encourage cooperation among local government members to plan and improve for future development. UTRGV representatives expressed interest to become a partner; and shortly after all partners agreed to allow LRGVDC-Valley Metro to be the lead agency and apply for this project's ICB program funding final cycle for fiscal years 19-20. The LRGVDC will foster local financial investment for sustaining the continuation of these services among all transit providers and its governmental members. In January 2019, the transfer of assets and operations of the Metro Connect Service to the new RGV Metro Express took place. The City of Brownsville/Brownsville Metro will continue to be an active partner to ensure the intent of the regional intercity services are met to improve efficiencies, increase capacity, and plan for sustainability.

RGV Metro Express Intercity Service is a regional express route service that connects the major urban area in the Lower Rio Grande Valley. A partnership between Brownsville Metro, Metro McAllen, Island Metro, and UTRGV, the Red line operates in the RGVMPO planning area connecting Harlingen with Brownsville and McAllen. The Blue Line connects Brownsville to Port Isabel and Laguna Vista. The Red Line is free for UTRGV students and children under two years old. The fare is $5 per day, 90 per month, or $25 per month for other students/faculty members. The Blue Line is free for all passengers.

Table 3-16: RGV Metro Express Intercity Service

Route	Span of Service	Frequency	Type of Service	Operated By
Red Line	M-S: 6:30am - 10pm Sun: 9:15am - 5:10pm	90 min	Fixed	Valley Metro
Blue Line	M-S: 6:00am - 6:30pm Sun: 6:00am - 6:10pm	90 min	Fixed	Valley Metro

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Metro McAllen

Metro McAllen's System operates within the boundaries of the City of McAllen, however other entities connect McAllen service and riders to other cities within the Rio Grande Valley region, and even outside the region. Metro McAllen has direct connections to the Valley Metro routes (10, 20, 31) that provide service from McAllen to Edinburg, Mission, and Harlingen. Metro McAllen also has a direct connection to the Metro Connect Red Line providing service to Harlingen. McAllen Fare is free for children under 7 years old, and $1 for regular fare. With identification, it's $0.50 fare for persons with disabilities, persons on Medicare, students or seniors. **Table 3-17** shows Metro McAllen levels of service.



Exhibit 3-11: Metro McAllen Bus McAllen, TX

Table 3-17: Metro McAllen Service

Route	Span of Service	Frequency	Type of Service	Operated By
Route 1	M-S: 6am – 9pm Sun: 8am – 6pm	60 min	Fixed	Metro McAllen
Route 2	M-S: 6am – 9pm Sun: 8am – 6pm	60 min	Fixed	Metro McAllen
Route 3	M-S: 6am – 6pm	60 min	Fixed	Metro McAllen
Route 4	M-S: 6am – 9pm Sun: 8am – 6pm	60 min	Fixed	Metro McAllen
Route 5	M-S: 6am – 6pm	60 min	Fixed	Metro McAllen
Route 6	M-S: 6am – 9pm Sun: 8am – 6pm	60 min	Fixed	Metro McAllen
Route 7	M-S: 6am – 6pm	60 min	Fixed	Metro McAllen
Route 8	M-F: 6am – 9pm	55-120 min	Fixed	Metro McAllen
Route 9 (Green Line)	M-F: 6:10am – 7:45pm	90 min	Fixed	Metro McAllen

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Brownsville Metro

Brownsville is a border community at the southernmost tip of Texas. Its location as a gateway between the United States and Mexico means a constant flow of tourists and sight seekers from all over the globe visit the area. As a source for jobs, shopping, medical care, and provider of many other essential needs, Brownsville also attracts thousands of daily visitors from Mexico.

The City of Brownsville has provided public transit services, operated as Brownsville Urban System (BUS) from 1978 until rebranding itself to Brownsville Metro (B-Metro) in 2011. Brownsville Metro is a department of the City of Brownsville. Brownsville Metro provides safe, reliable, and efficient public transportation to the residents and visitors of Brownsville, Texas.

Brownsville Metro is responsible for the undertaking of various short and long-range transit studies and maintaining all transit data.

Brownsville Metro provides fixed route and paratransit services. Brownsville Metro, on average, provides approximately 1.5 million passenger trips on all services. Brownsville Metro is responsible for the undertaking of various short and long-range transit studies and maintaining all transit data. Also, Brownsville Metro, with the MPO's assistance, conducts transit planning within the study area.

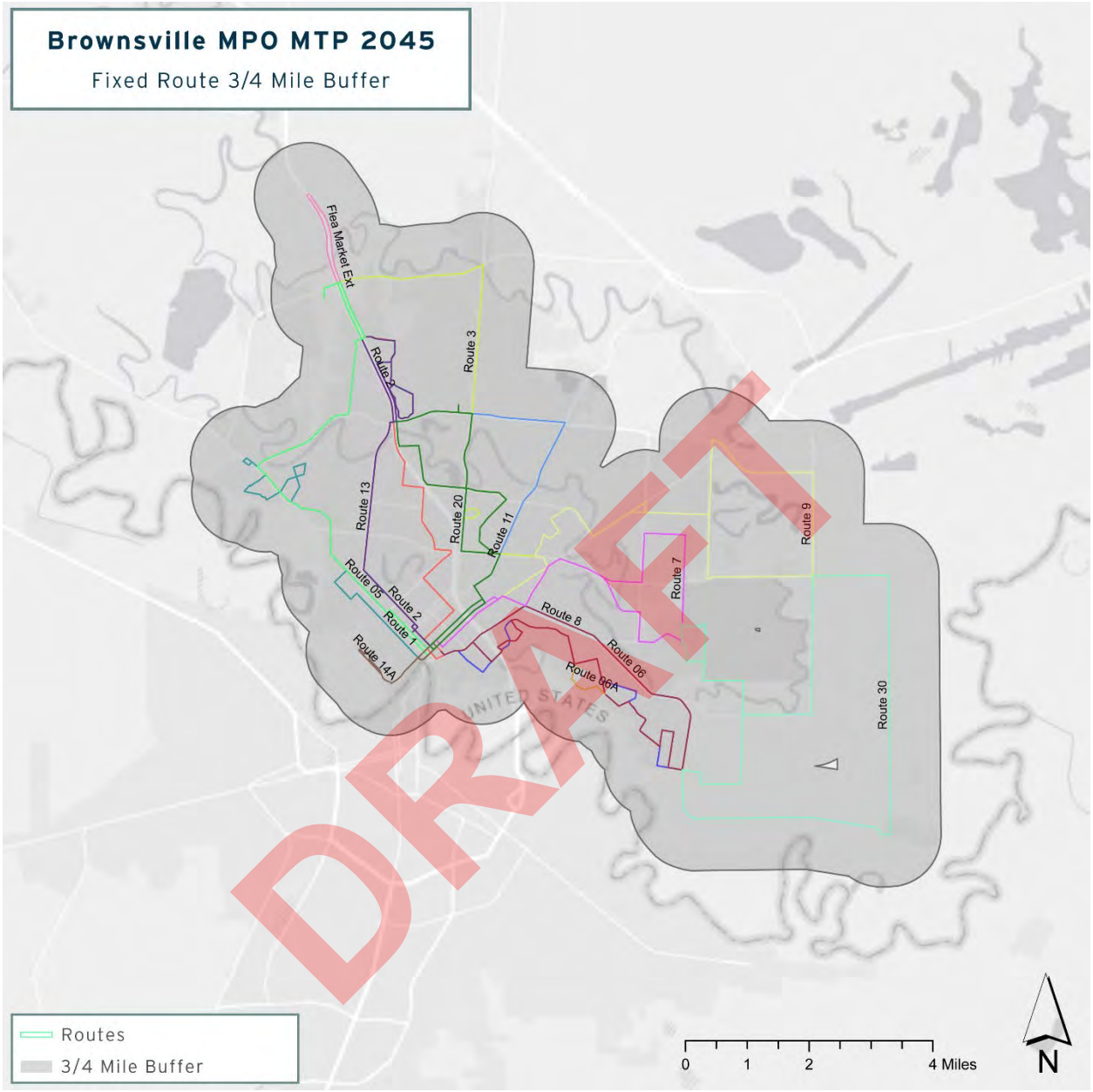
Transit statistical data such as miles, service hours, passenger counts, passenger trips, and distance traveled are studied and evaluated monthly. The transit data is gathered using a variety of methods, including ITS software (Route Match and Genfare), sampling, dispatch logs, and trip tickets. These methods of data collection are accurate and efficient for the required reporting purposes.

Table 3-18: Brownsville Metro Service

Route	Hour of Operation	Frequency	Type of Service	Operated By
Route 1	M-Sat: 6am – 6:55pm	60 min	Fixed	Brownsville Metro
Route 2	M-Sat: 6am – 7:10pm	75 min	Fixed	Brownsville Metro
Route 3	M-Sat: 6am – 7:55pm	60 min	Fixed	Brownsville Metro
Route 5	M-Sat: 6:30am – 8:15pm	65 min	Fixed	Brownsville Metro
Route 6	M-Sat: 6:20am – 6:25pm	30 min	Fixed	Brownsville Metro
Route 7	M-Sat: 6am – 6:55pm	60 min	Fixed	Brownsville Metro
Route 8	M-Sat: 6am – 6:55pm	60 min	Fixed	Brownsville Metro
Route 9	M-Sat: 6am – 7:25pm	45 min	Fixed	Brownsville Metro
Route 11	M-Sat: 6am – 6:55pm	60 min	Fixed	Brownsville Metro
Route 13	M-Sat: 6:30am – 7:40pm	75 min	Fixed	Brownsville Metro
Route 14	M-Fri: 7:00am – 4:55am Sat: 7:00am – 12:55pm	30 min	Fixed	Brownsville Metro
Route 30	M-Sat: 6:30am – 9:25am M-Sat: 4:30pm – 7:25pm	60 min	Fixed	Brownsville Metro

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Figure 3-13: Brownsville MPO Fixed Route Service



La Plaza at Brownsville



Exhibit 3-12: La Plaza at Brownsville

La Plaza at Brownsville encompasses approximately 5.4 acres in historic downtown Brownsville and is located just two blocks from the Gateway International Bridge between the United States and Mexico. La Plaza at Brownsville is home to 11,000 square feet of joint development shell space for retail, restaurant and entertainment use. Subway, Wingstop, and Sushi Bento are just a few of the restaurants located within the facility.

La Plaza at Brownsville Multimodal facility houses the private transit providers who operate statewide, nationwide and/or international services alongside with Brownsville Metro's public transit service. This terminal features 17 bus bays and three layover spaces to accommodate the vehicles needed to provide the best of service. La Plaza at Brownsville is the main transportation hub on this side of the Rio Grande Valley. Intercity transit providers inside La Plaza include El Expreso, Tornado, Panamericana, Omnibus-Express, VTC, and Greyhound. La Plaza also provides space for taxi service, oversees taxi chauffeur licenses, and taxi vehicle permits.

Brownsville Metro's Fixed Route Service



Exhibit 3-13: BMETRO buses

Brownsville Metro provides fixed route service along pre-established routes with various stops along the route. Brownsville Metro operates a total of 13 fixed routes with 16 heavy-duty transit buses. Most fixed-route services begin and end at the downtown transit terminal. This transit service is provided primarily by 35 ft. buses which are equipped with wheelchair ramps, accommodate up to two wheelchairs each, have space designated at the front of the bus for people with disabilities or elderly, and has seating for 32 passengers with a total capacity up to 54 passengers seating and standing. Brownsville Metro encourages all persons with disabilities to use its fixed-route service. All fixed-route buses are accessible. Service hours are provided from 6:00 a.m. - 8:00 p.m., Monday through Saturday on 13 different route alignments servicing 146 square miles of the Brownsville MPO area within the city limits of the City of Brownsville.

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Table 3-19: Brownsville Fare Structure

Fare Structure	
General	$1.00
Children (Under 6 Years)	Free
Students w/ID	$0.75
Elderly/Disabled (60+ Years w/ID)	$0.50
Transfers	$0.25
Day Pass	$2.50
Weekly Pass	$12.00
20 Ride Student (w/ID)	$9.00
20 Ride Senior (w/ID)	$5.00

Note: A Medicare card is accepted as a proof to obtain a BMETRO Reduced Fare ID card. Fare for Paratransit Service is $1.50 a ride and free service for the personal care attendant.

Brownsville Metro Paratransit Service



Exhibit 3-14: A paratransit vehicle

Complementary ADA paratransit service is a service that does not operate along a fixed route or set schedule. Passengers are picked up at curbs of different locations within time periods requested by the passengers. Service is provided from 6:00 am–8:00 pm, Monday through Saturday. Accessible cut-away buses offer this service to origins within the ¾ mile corridor of the fixed route service area. [49 CFR 37.129] Use of this service requires a passenger to submit an application and obtain certification. ADA Paratransit service is complementary in the sense that it is meant to be equivalent to fixed-route service and afford those with disabilities the same opportunity to use public transportation. It is not in any sense a taxi, door-to-door, or special shuttle service. A person qualifies for ADA Paratransit Services due to one of the following:

- Unable to ride, board, or disembark independently from vehicles used on a fixed route system.
- Unable to access fixed-route transportation due to lack of accessibility.
- Unable to get to the pick-up and/or drop-off locations of the fixed-route system.

Revenue Sources

Brownsville Metro relies on federal, state, and local funds for operating assistance. Brownsville Metro's average local annual revenues are over $2,100,000. These revenues are generated from bus fares, ticket sales, ID fees, in-kind utilities, interest earned, advertisement sales, lease agreements for retail areas, and other miscellaneous revenue. Fiscal challenges to improving overall transit services in Brownsville are priority. Brownsville Metro is challenged with providing transit services to the rapidly growing South Texas region without a dedicated funding source.

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Transportation Investment Generating Economic Recovery (TIGER) Project

Known as Transportation Investment Generating Economic Recovery (TIGER) funds, such monies were awarded based on competitive applications. The City of Brownsville secured a TIGER grant award in 2016 from the U.S. Department of Transportation.

The Connecting Communities project is an investment in much-needed transportation infrastructure and multimodal services to accommodate population growth, and more importantly, to improve the quality of life, health, and economic opportunity to the community. This project includes the need for having to rehabilitate and modernize the Jose Colunga facility and maintenance yard that had gone through several transitional phases with no major rehabilitation done since the early 1980's. The bus stop improvements are a means to directly improve the user's quality of life by providing a safe and comfortable environment while waiting for the bus. There was also a need to replace Brownsville Metro's aging fleet (2001 buses) and Metro Connect Service medium-duty fleet to meet capacity requirements.

All elements being funded by the Connecting Communities Project were existing assets/infrastructure the city already possessed and needed to be rehabilitated as part of B-Metro transit services. The improvements will provide more fuel-efficient buses and improve the operations of the fueling and washing stations which will save staff time and improve service. The Connecting Communities Project facilitates residents' commute to work, school, recreational services, and medical facilities by sustaining and enhancing multiple complementary modes of transportation – walk, bike, and transit.

Partners for Connecting Communities include TxDOT Intercity Bus Program (TxDOT-ICB), LRGVDC, BMPO, Cameron County, Brownsville Community Improvement Corporation (BCIC), Community Development Block Grant (CDBG) and opportunities exist to establish new partnerships.

It is important to note that initially, Connecting Communities included Component 1-Transit and Component 2- Bicycle/Pedestrian Improvements (trail on the causeway). However, Component 2 was deemed structurally impossible to implement due to unexpected complications the project partners encountered upon beginning structural analysis. Based on this, Component 2 had to be reduced from the Connecting Communities Project, leaving only Component 1.

Component 1, Connecting Communities' project includes the following undertakings: Project 1 - Improve the Site Safety and Function (ISS&F) and a New Passenger Facility to Site (NPFS); Project 2 - Improve Bus Stop Safety and Comfort; and Project 3 - Purchase eight Replacement Revenue Vehicles. Below is a detailed breakdown of all elements in each of the Projects for Component 1.

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Project 1: ISS&F Improves safety and the daily operational functions on the 10-acre location of Brownsville Metro's Maintenance and Operations facility. Improvements include adding a new site access point from Billy Mitchell Boulevard, improving drainage and storm-water runoff controls with construction activities consisting of relocating the fuel service island and converting its fuel storage tanks from underground to aboveground; modernizing the bus wash station; securing the site with improved perimeter fencing, gate access control, cameras, lighting; site paving; rehabilitating the retention pond, and equipment storage facility. The NPFS will consist of the construction of a new passenger transfer station with three bus bays, bus layover parking, bike amenities, ADA sidewalk and ramps, canopy, electrical work, landscaping, lighting, and park & ride area. A local investment has been captured through the Rehabilitation of Brownsville Metro's Operational/Maintenance Shop, which consisted of re-skinning the main building, roof replacement, updated elevator, heating/ventilation/air conditioning, plumbing, electrical wiring, and rehab of maintenance shop area.



Exhibit 3-15: An aerial of Project 1

Project 2: Bus Stop Safety and Comfort will improve approximately 54 existing bus stops locations. The improvements will consist of adding ADA accessible sidewalks, benches, shelters, ramps, bench/shelter/bus pads, and bike amenities. Eleven bus stop locations have been completed through a local community investment.

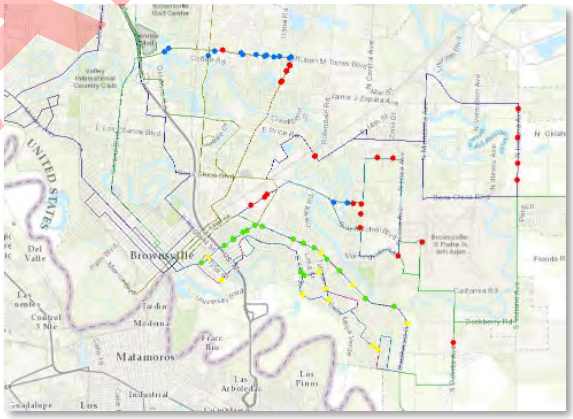


Exhibit 3-16: Project 2

Project 3: Purchase eight Replacement Revenue Vehicles to replace approximately 5 of Brownsville Metro's transit revenue vehicles that have exceeded the recommended useful service life with hybrid diesel-electric transit buses, and 4 - 40' standard fully equipped transit buses for the Metro Connect Service to increase capacity and frequency. The 4 standard fully equipped transit buses were procured with the Texas Department of Transportation – Intercity Bus Program Section 5311(f) funds and delivered in December 2018. In January 2019, the transfer of assets and operations of the Metro Connect Service to the new RGV Metro Express took place.

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The Brownsville Metro's Transit Comprehensive Strategic Plan

In May of 2017, the Brownsville Metro's transit comprehensive strategic plan (Brownsville Transit Plan) was completed. The plan identified specific capital programs and operational services to be prioritized and implemented. The study team elicited feedback from stakeholders and members of the public that consisted of five major work tasks as follows:

- Assessment of existing conditions
- Market analysis
- Identification of service issues and opportunities
- Development of service scenarios
- Final service recommendations

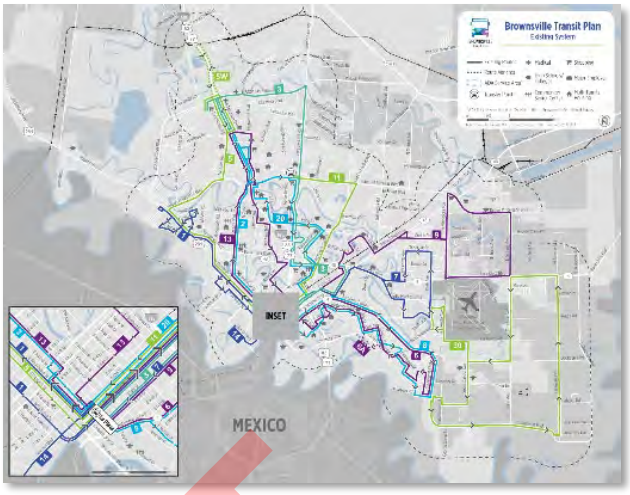


Exhibit 3-17: BMETRO System Map

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The strategy recommendations of the comprehensive study were:

Short-Range Service Plan: Consists of re-aligning fixed routes. Short-Range recommendations focus on improvements that can be made within Brownsville Metro's existing operating budget. This improvement would require 18 buses during peak-service instead of 17 currently. The Brownsville Transit Plan would result in 215 weekday revenue hours and 174 Saturday revenue hours. In comparison to the existing service, which includes 198 weekday revenue hours and 192 Saturday revenue hours. Thus, the proposed service is essentially cost-neutral compared to current services.

Long-Range Service Plan: Consists of recommendations derived from the market analysis, service analysis, and public input. However, these proposals include both capital and operating recommendations, and there is a cost-constraint and would require additional resources for implementation. Cost-constraints could be captured by eliminating inefficiencies and fare evasion by changing its transfer policy. Additional resources will be needed, such as workforce for dispatching, transit operators, vehicle maintenance technicians, materials, and supplies.

Restructure Metro Connect Service: Metro Connect was envisioned as a regional service linking together key destinations in the Lower Rio Grande Valley. Metro Connect operates between the transit hubs in downtown Brownsville, Harlingen and McAllen, with a transfer to reach Edinburg. And, has a fare of $5 for a day pass and $25 for a 30-day student/facility pass. The regional scope of the service is reflected in its funding partners, which include Brownsville Metro, Metro McAllen, Island Metro, Valley Transit Company (VTC), and the Texas Department of Transportation. Since its inception, the market for intra-Valley transit service has increased due to the merger of the University of Texas at Brownsville and the University of Texas Pan-American. The merger resulted in the need for students to take classes at the various campuses of the University of Texas Rio Grande Valley.

To facilitate travel between its campuses, UTRGV began operating its own inter-campus shuttle called the Vaquero Express. Vaquero Express operates fare-free directly between the UTRGV campuses in Brownsville, Harlingen, and Edinburg. While Metro Connect and the Vaquero Express serve somewhat different markets, there are enough similarities between the two services to present significant opportunities for consolidation that could benefit all the parties involved in both services. Although the consolidation of service did not come to fruition, the restructure of Metro Connect resulted in RGV Metro Express and gained UTRGV as a financial partner for the sustainability of this service.

Improved Passenger Amenities: The proposed B-Metro network is designed to create more transfer opportunities outside of La Plaza and the Northside Transfer Station. By consolidating service along key corridors, the proposed network gives passengers multiple opportunities to transfer between routes serving the same bus stops, but with different final destinations. In addition, the proposed network includes several on-street locations where two or more routes intersect. Each of these locations is a potential transfer point, and together with significant ridership generators such as Walmart and HEBs, should be the focus of future passenger amenity investments.

Passenger amenities, such as shelters with benches, enhance the transit experience, decrease perceived wait times for transit services, and can contribute to increased ridership. Well-designed amenities can also be an essential marketing tool by increasing the visibility of transit service and projecting a positive image of the user experience. Overall, strategic investment in passenger amenities is a relatively low-cost, high-reward strategy for Brownsville Metro to pursue in the long-term.



Exhibit 3-18: Mini Hub Site Plan

In addition to individual shelter sites, the study team recommends the development of a mini hub on the northern edge of the Alton Gloor Walmart. The Alton Gloor Walmart is one of the highest ridership stops in the B-Metro network. However, buses entering the site must contend with the unpredictable traffic conditions of a parking lot, as well as traffic congestion due to the lack of a signalized exit from the property onto Alton Gloor.

A mini hub at the northern edge of the Walmart property, would allow eastbound buses to safely load and unload passengers without entering the site. Westbound buses would enter the site from the southbound service road of IH 69 but would only utilize the driveway running along the northern edge of the Walmart parking lot to access the proposed mini hub. This alignment would minimize the intersection between buses and vehicles pulling in and out of the parking spaces.

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Restructure Fares: Adjusting the fare structures for B-Metro is a potential revenue source that can provide additional funding for both capital projects and continuous operations and maintenance. Increasing fares is one option to increase available operations and maintenance funds over time. However, raising fare prices can have an impact on ridership if the fare increase is too extreme, particularly in low-income areas. If fare revenues are increased; existing and future reduced fare policies should ensure all income groups have adequate access to the B-Metro system.

Transit planning activities will continue based on recommendations from the Brownsville Transit Plan Final Report. The Brownsville Transit Plan Final Report can be found in Brownsville Metro website: https://www.cob.us/282/Projects.

Transit Asset Management Plan

The Federal Transit Administration (FTA) has published a final rule to establish minimum Federal requirements for transit assets management that will apply to all recipients and sub-recipients of chapter 53 funs. Transit agencies who own, operate, or manage capital assets for public transportation were required to develop a transit asset management (TAM) plan. Brownsville Metros TAM plan was developed, presented, and adopted by the Brownsville City Commission in September of 2017. The TAM plan includes asset inventory, conditional assessments of inventoried assets, documentation of the use of a decision support tool, and a prioritization of investments which is used to improve the state of good repair of the capital investments. Standard scoring is used to determine the condition of inventoried assets. Useful Life Benchmark (ULB) is used for the fleet, and Transit Economic Requirements Model (TERM) scale was used for the facilities assets. Annual targets are submitted to FTA for each mode: one for each revenue vehicle classification, annual targets for each facility type, and a target for the percentage of classification of non-revenue vehicles which have met or exceeded their useful life benchmark. Brownsville Metro staff has developed a TAM Plan and targets for rolling stock, equipment, and facilities. The TAM Plan will be updated every four years. Brownsville Metro staff will utilize TAM targets to keep the transit fleet in good condition, which serves to maintain or improve system reliability.

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Public Transportation Agency Safety Plan

On July 19, 2018, FTA published the Public Transportation Agency Safety Plan (PTASP) Final Rule, which requires certain operators of public transportation systems that receive federal funds under FTA's Urbanized Area Formula Grants to develop safety plans that include processes and procedures to implement Safety Management Systems (SMS).

- The PTASP rule became effective on July 19, 2019.
- FTA published a Dear Colleague letter on July 19, 2019, to alert the transit industry of the July 20, 2020 safety compliance deadline.

Brownsville Metro is working with TxDOT as a sponsored Public Transportation Agency Safety Plan (PTASP). TxDOT has hired a third-party consulting firm to help us develop our PTASP specifically for our agency. Recently, Brownsville Metro's staff has met with this firm and provided a list of documents to assist in the development of the safety plan. Brownsville Metro

will receive a final draft of the safety plan for review in March 2020 and will require final City Commission approval before July 2020. Thereafter, the plan can be fully implemented within three years as required.

Unfunded Future Projects

Brownsville Metro unfunded future projects include:

- New routes proposed from the Brownsville Transit Plan
- Northside Transfer Station
- Park and Ride facilities under and along the expressway between 13th and 14th street
- BRT connection from La Plaza terminal to SPI terminal

MPO Forecast of Transit Funds

Brownsville Metro staff produced a forecast of available transit funds based on reasonable expectations from federal, state, and local fund sources. Please find this forecast below for more information.

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Figure 3-14: Brownsville MPO Transit Fund Forecast

Corridor	Existing Roadway					Proposed Roadway			Project Information			Project Funding			
	ID #	Func Class	# of Lanes	ROW Width	Traffic Volume 2004	2004 LOS	Prop ROW Width	2035 LOS	# of Lanes	Time Frame	Description of Project	Limits: From / To	Length in Miles	Cost 1000$	YOE Cost	Funding Category	Category
Brownsville Metro - Transit																	
Eastside Transfer Center	BMPO-TGR2	Component 1A (Phase2)								Short	Construct Transfer Center at Jose Colunga	Jose Colunga near at Billy Mitchell Blvd (FM 2519)	N/A	$4,499.1	$4,499.1	Cat 3, Cat 9, Local, TIGER	Cat 3, Cat 9, Local, TIGER
Hybrid Transit Buses	BMPO-TGR3	Component 1B								Short	Purchase 4 Hybrid Transit Buses & 4 ULSD Transit Buses	N/A	N/A	$5,400.0	$5,400.0	Cat 3, 5311(f), Local, TIGER	Cat 3, 5311(f), Local, TIGER
Bus Stop Improvement	BMPO-TGR4	Component 1C								Short	Construct bus stop improvements	Various Locations	N/A	$1,615.0	$1,615.0	Cat 3, CDBG, Local, TIGER	Cat 3, CDBG, Local, TIGER
BMetro 2020-2029	BMPO-M-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2020-2029	Operations	Transit Program	N/A	$46,522.2	N/A	FTA 5307	N/A
BMetro 2020-2029	BMPO-M-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2020-2029	Capital	Transit Program	N/A	$14,096.6	N/A	FTA 5307	N/A
BMetro 2020-2029	BMPO-M-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2020-2029	Planning	Transit Program	N/A	$3,524.2	N/A	FTA 5307	N/A
BMetro2030- 2040	BMPO-BUS 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2030-2040	Operations	Transit Program	N/A	$59,080.4	N/A	FTA 5307	N/A
BMetro 2030-2040	BMPO-BUS 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2030-2040	Capital	Transit Program	N/A	$17,901.8	N/A	FTA 5307	N/A
BMetro 2030-2040	BMPO-BUS 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2030-2040	Planning	Transit Program	N/A	$4,475.6	N/A	FTA 5307	N/A
BMetro2041- 2045	BMPO-BUS 8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2041-2045	Operations	Transit Program	N/A	$33,900.2	N/A	FTA 5307	N/A
BMetro2041- 2045	BMPO-BUS 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2045	Capital	Transit Program	N/A	$10,272.0	N/A	FTA 5307	N/A
BMetro 2041-2045	BMPO-BUS 10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2041-2045	Planning	Transit Program	N/A	$2,568.1	N/A	FTA 5307	N/A

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Vaquero Express (Campus to Campus Service)

Operated by the University of Texas Rio Grande Valley (UTRGV) by Federal Transit Administration funding through Valley Metro, the Vaquero Express connects UTRGV campuses between Brownville, Harlingen, and Edinburg. The service is free and open to the public. Vaquero Express operates Monday – Friday from 6:30 am to 11:20 pm.

Jag Express

Jag Express routes operated by both Valley Metro and STC provide express service to STC for the RGV area. It's open to the public, free fare (sponsored by STC) providing fixed service Monday – Friday, with reduced service on Fridays.

Table 3-20: Jag Express Service

Route	Span of Service	Frequency	Type of Service	Operated By
Jag Express – Yellow	M-T: 7am - 7pm Fri: 7am - 5pm	20-30 min	Fixed	South Texas College
Jag Express – Green	M-F: 6:40am - 5:00pm	60 min	Fixed	Valley Metro
Jag Express - Purple	M-F: 6:40am - 7:15pm	90 min	Fixed	Valley Metro

Island Metro

Island Metro is a fixed route service providing free-fare transit to South Padre Island, Port Isabel, and Laguna Heights (currently east of the Brownsville MPO planning area). The service contains four fixed routes, two of which (Red Snapper and Tarpon) provide a transfer point at the Las Palmas Shopping Center with Valley Metro Route 50/Blue Line. This provides connectivity to the Brownsville South Padre Island International Airport and La Plaza terminal.

Harlingen-San Benito MPO Transit Service & Coverage

Valley Metro, Valley Transit Company (VTC), Vaquero Express, and Metro Connect (Red Line) all provide service within the HSB planning area. **Figure 3-15** shows the transit routes operating within the MPO planning area. **Figure 3-16** shows the service areas for the flex and fixed route service. The red fixed route indicator shows a quarter mile from the route, which is deemed as a walkable distance for most individuals who use transit. The blue indicates the half mile buffer which is the extent the flex route system operates.

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Figure 3-15: HSB MPO Transit Routes

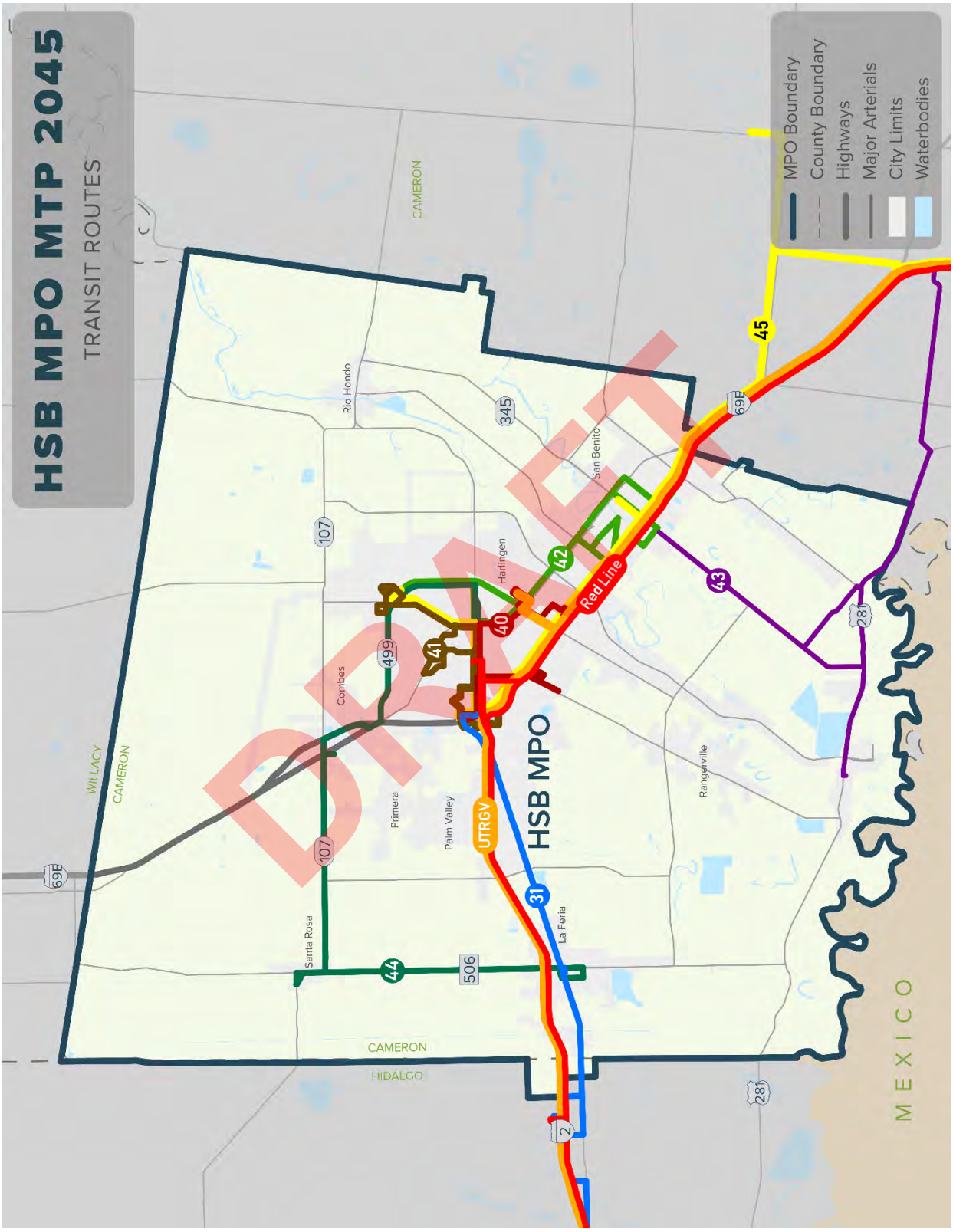
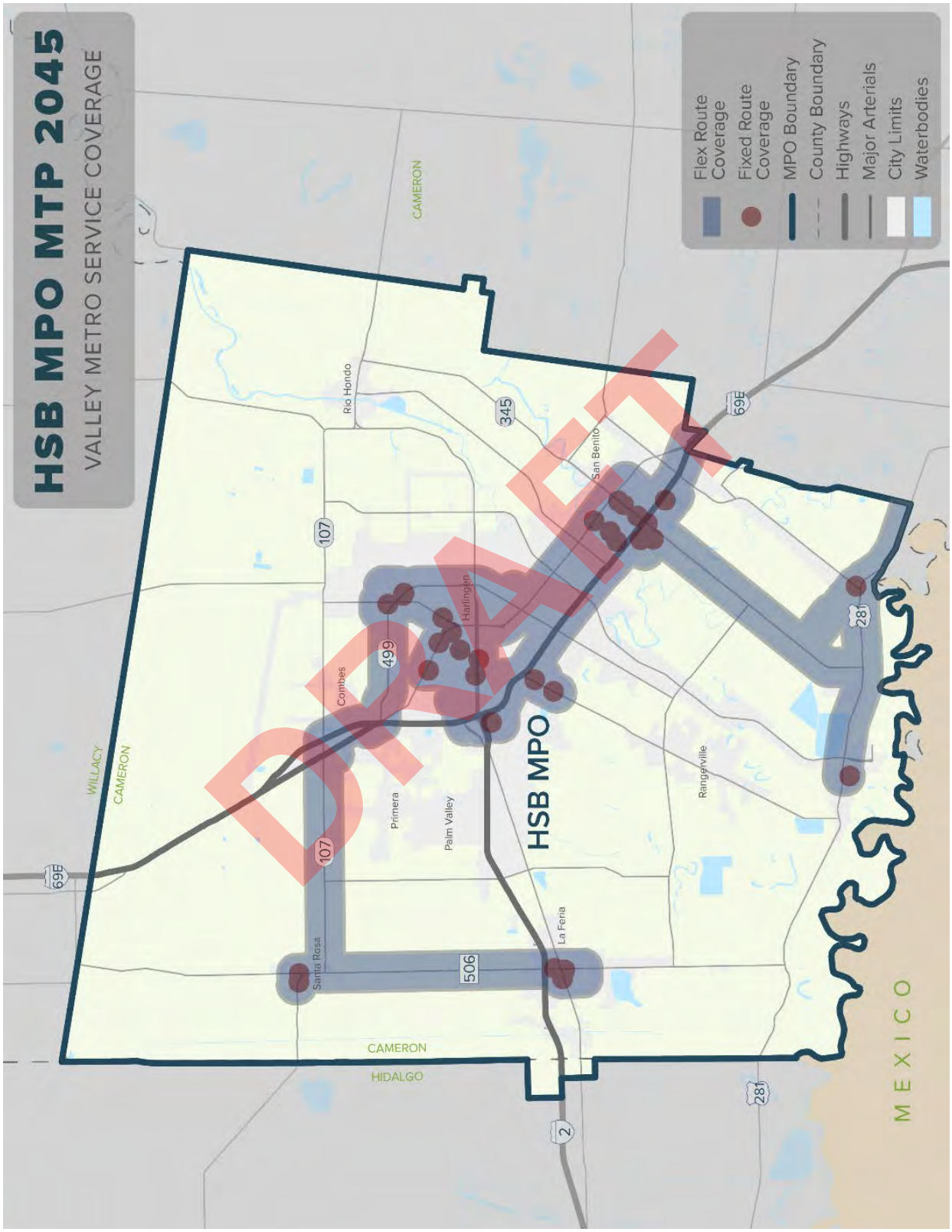


Figure 3-16: HSB MPO Service Coverage Area



Hidalgo County MPO Transit Service & Coverage

Hidalgo County's primary public transportation service provider is Metro McAllen (**Figure 3-17**). The service coverage for Metro McAllen can be seen in **Figure 3-18**; fixed route coverage is indicated by red buffers (quarter-mile walk to transit stops) and the paratransit area is in blue. Valley Metro is another large service provider in the HC MPO area, **Figure 3-19**. Their service coverage has fixed route coverage is indicated by red buffers (quarter-mile walk to routes) and the flex service area is in blue, **Figure 3-20**.

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Figure 3-17: HC MPO Metro McAllen Routes

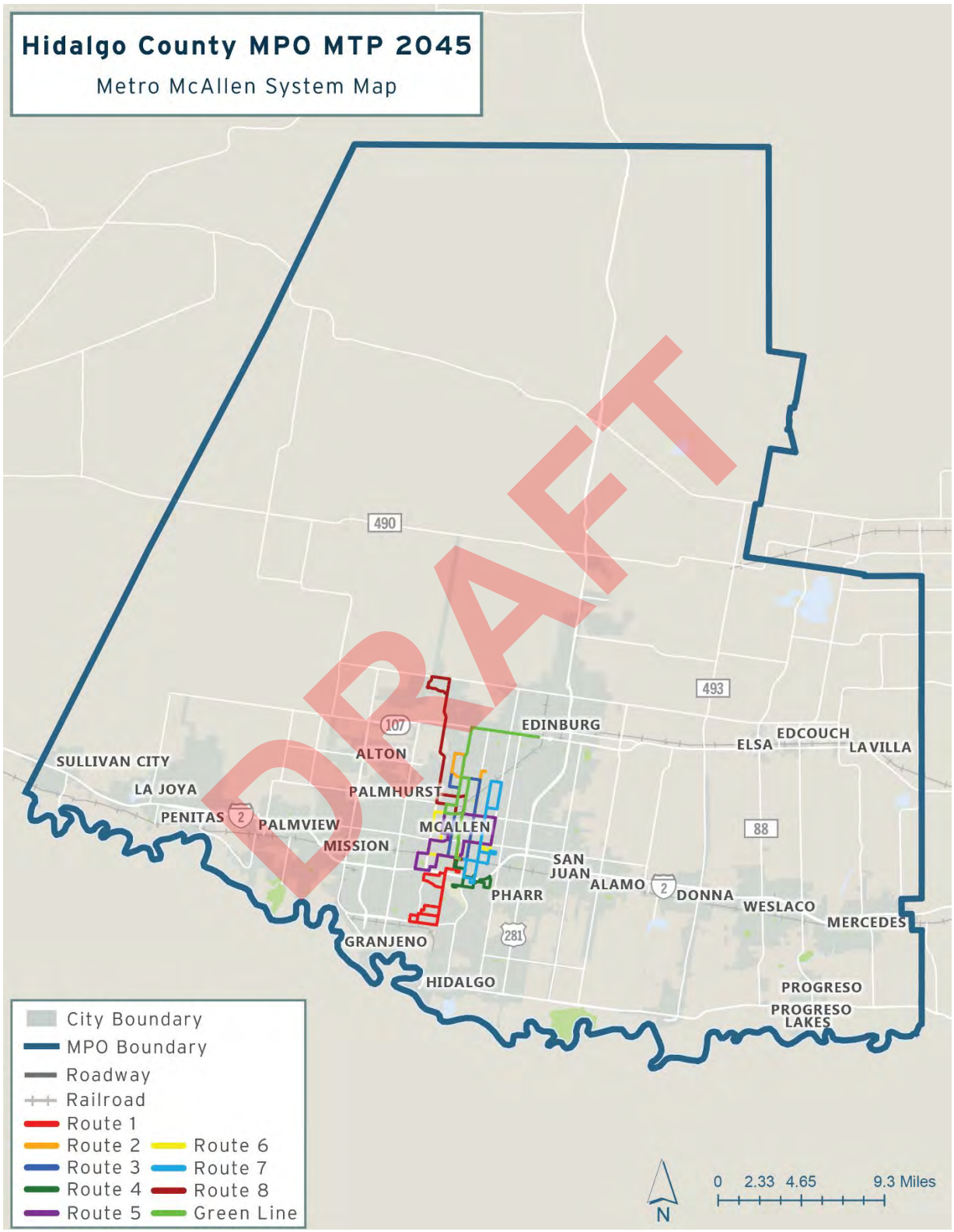


Figure 3-18: HC MPO Metro McAllen Service Coverage Area

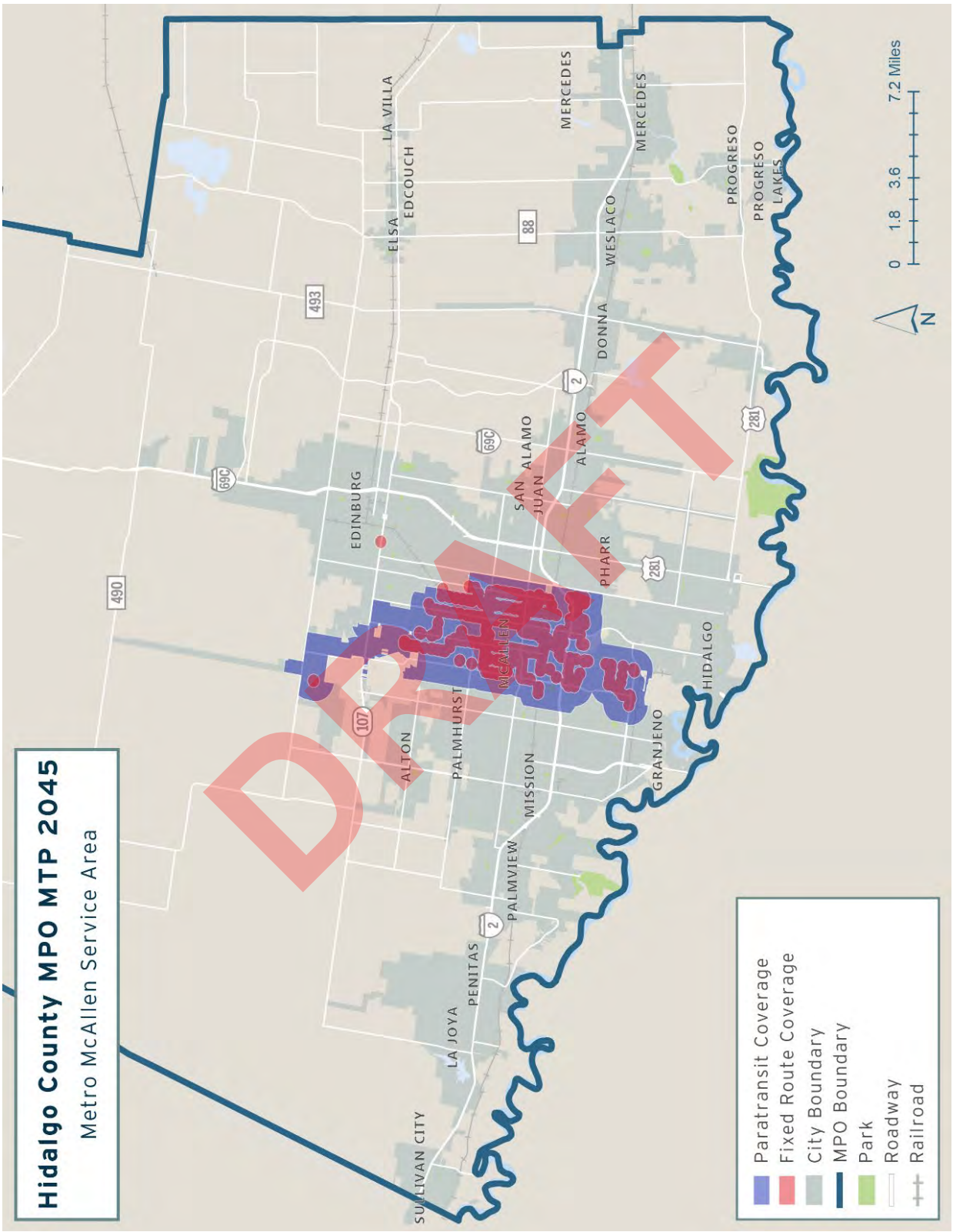


Figure 3-19: HC MPO Valley Metro Routes

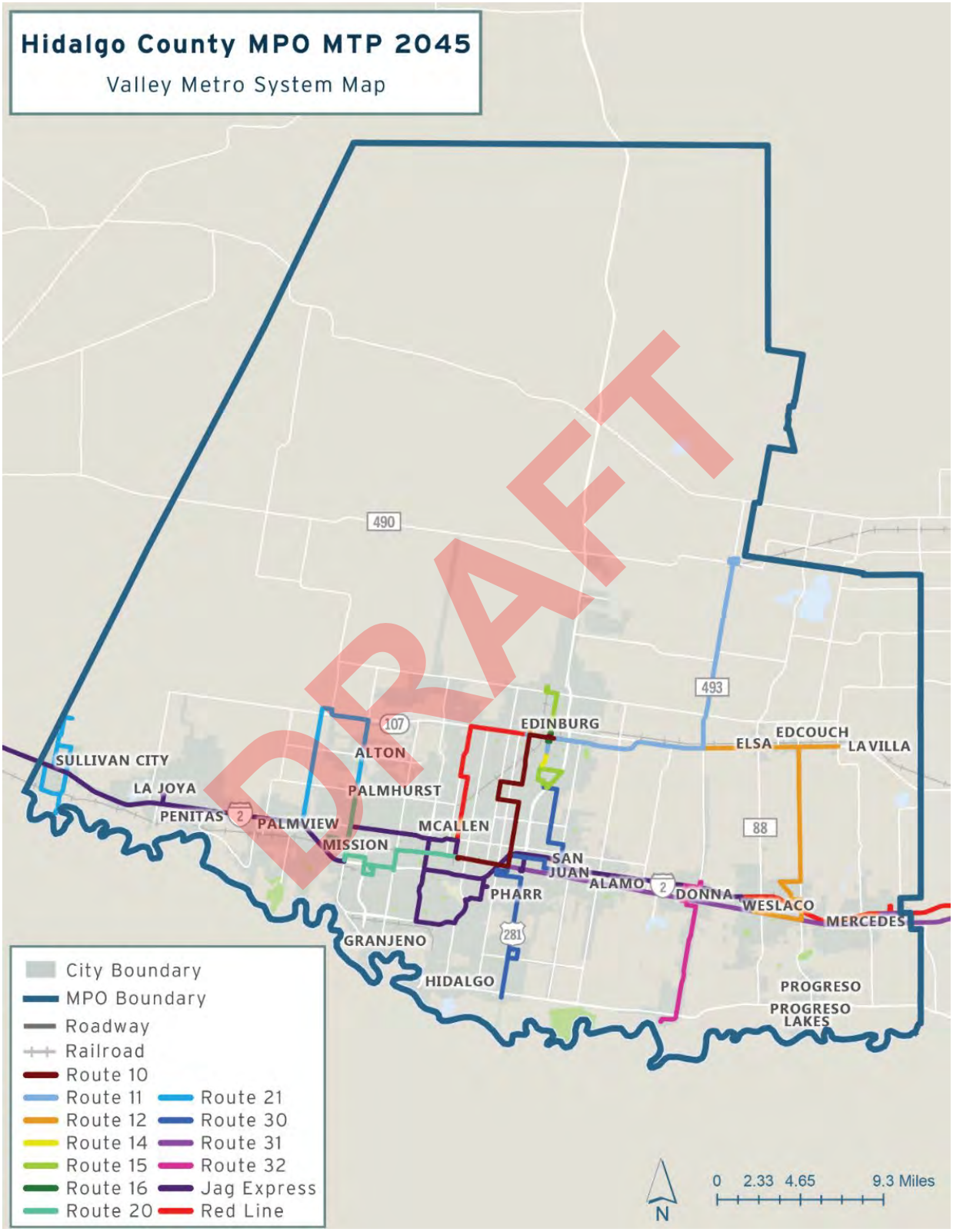
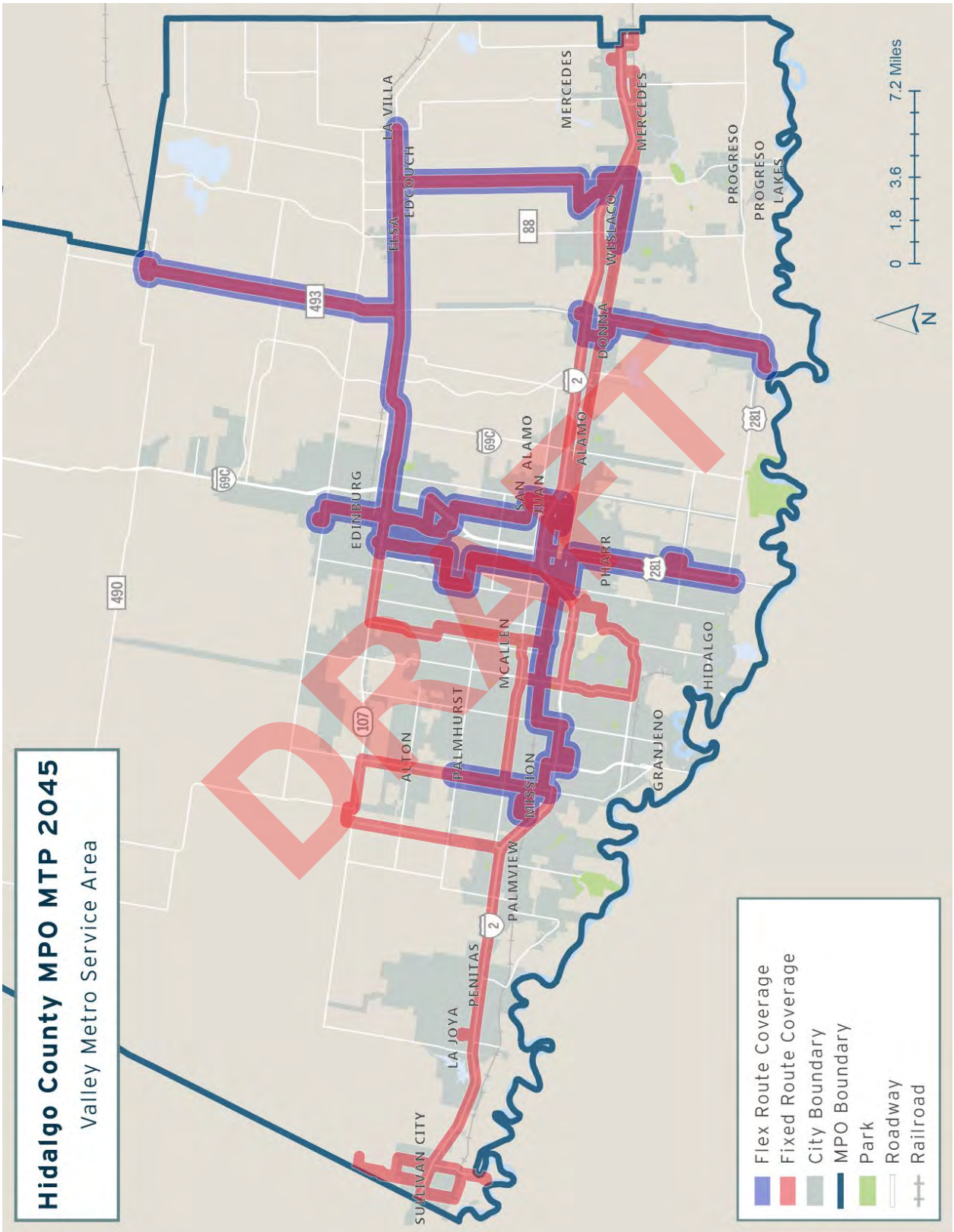


Figure 3-20: HC MPO Valley Metro Service Coverage Area



Private Transit Providers

The public transit system is paralleled by private transit services in the region. The private services nearby include Americanos, El Expreso Bus Company, Lineas Panamericans, Omnibus-Express, Tornado Bus Company, Turimex Internacional, and Transpais. The providers and their service areas are listed below in **Table 3-21**.

Table 3-21: RGVMPO Private Transit Providers

Provider	Service Area
Valley Transit Company (VTC)	Private subsidiary of Greyhound Lines that operates fixed-route intercity service, airport shuttle, and charter services. VTC provides transit options to Austin, San Antonio, and Houston.
Americanos	Provides service throughout Texas and across the United States with daily connections into Mexico via its affiliates. (Part of Greyhound Mexico)
El Expreso Bus Company	Provides intercity bus service in nine states including Texas, with headquarters in Houston. In the Lower Rio Grande Valley, El Expreso stops in Brownsville, Reynosa (Mexico), Roma, and McAllen.
Lineas Panamericanas	Provides frequent service between McAllen and Monterrey and Reynosa, Mexico with connection to other areas in Mexico.
Omnibus-Express	Serves Brownsville, McAllen and other points along the Rio Grande, in Mexico, Texas, and several other states in the southeast.
Tornado Bus Company	Provides service throughout Texas and the southeastern United States with daily connections to Mexico via Sistema Estrella Blanca Bus Lines.

Transit Gap Analysis

To understand how well the current transit system serves the RGVMPO planning area, a transit gap analysis was conducted for the HSB and HC MPO planning area (due to available resources), and was based on existing service, as well as a GIS based spatial analysis to generate measures which show transit demand and supply throughout the planning area. Both measures were analyzed separately regarding transit service to find specific areas where supply is currently lacking and demand is high, signaling potential areas for improved service.

Transit Demand

Demand for transit is largely driven by concentrations of people and jobs. The study team explored where concentrations of transit users are currently distributed in order to gain an understanding of where transit demand is currently highest and where additional services may be needed in the future.

For purposes of the gap analysis, transit demand was defined by two measures; Transit Dependent Population and Target Transit Riders. Transit Dependent Population (TDP) of an area represents a calculation incorporating census block group data of those too old or young to drive a personal vehicle, as well as households lacking access to personal automobiles.

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Target Transit Riders (TTR) captures those more likely to need transit due to health, physical ability, or for fiscal reasons.

To determine gaps in transit service where TDP and TTR populations do not have access to transit in the MPO planning area, service coverage for the given MPO planning area's fixed route and flex route systems (where applicable) were mapped over each measures density (per acre).

All TDP and TTR density values falling within the highest density values (or breaks) were used to show gaps in transit service. The resulting TDP and TTR densities at the block group level display locations in the region with high transit demand and gaps in service.

Harlingen-San Benito MPO

Figure 3-21 displays the concentrations of Transit Dependent Population (TDP), those too old or young to drive a personal vehicle, as well as households lacking access to personal automobiles. **Figure 3-22** and **Figure 3-23** displays transit gaps for TDP, for both Valley Metro fixed route and flex route services.

The density of Target Transit Riders (TTR), or those more likely to need transit due to health, physical ability, or for fiscal reasons is shown in **Figure 3-24**. **Figure 3-25** and **Figure 3-26** display transit gaps for TTR, for both Valley Metro fixed route and flex route services.

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Figure 3-21: HSB MPO Transit Dependent Population Density (TDP) Per Acre

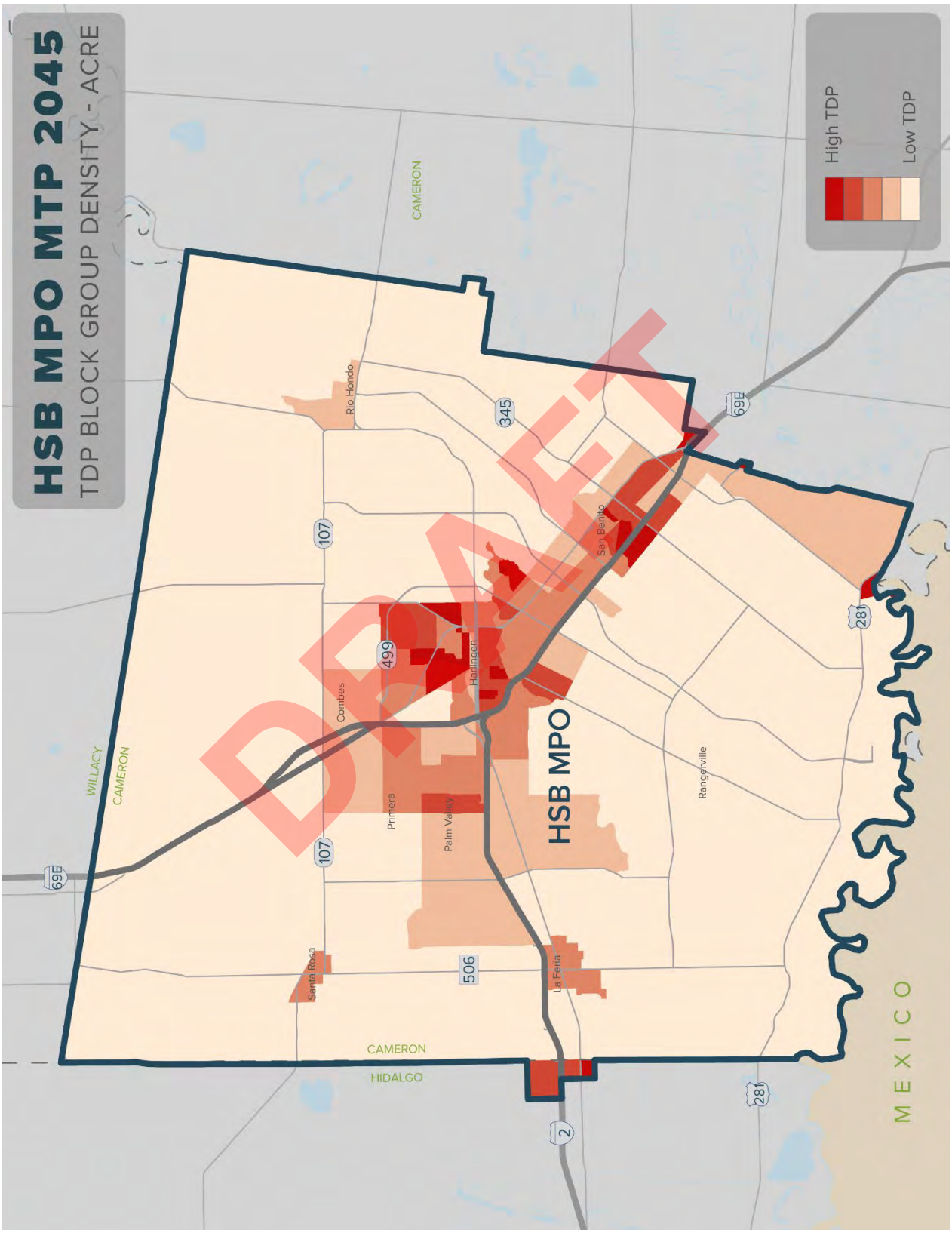


Figure 3-22: HSB MPO Fixed-Route Service Gaps for TDP

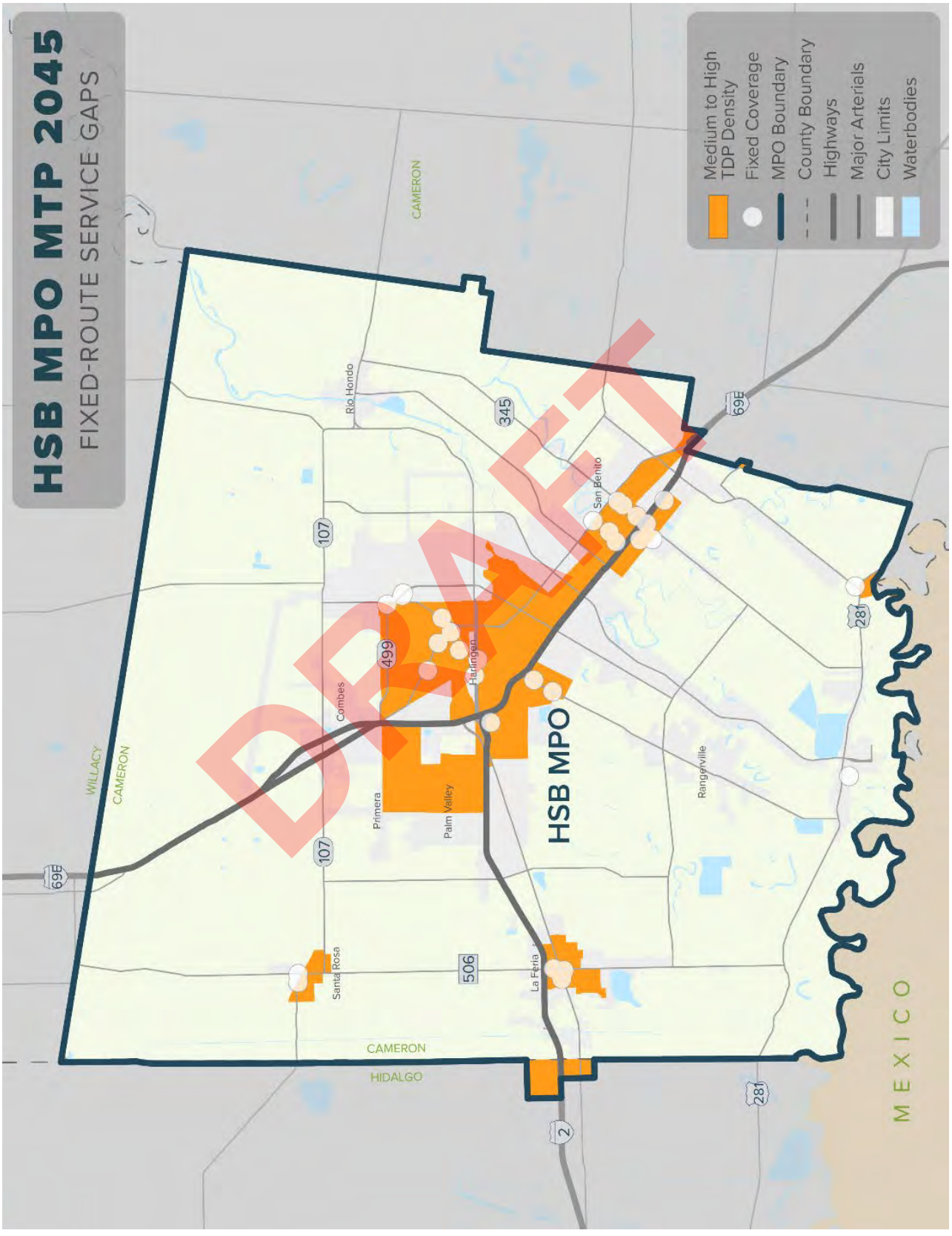


Figure 3-23: HSB MPO Flex Route Service Gaps for TDP

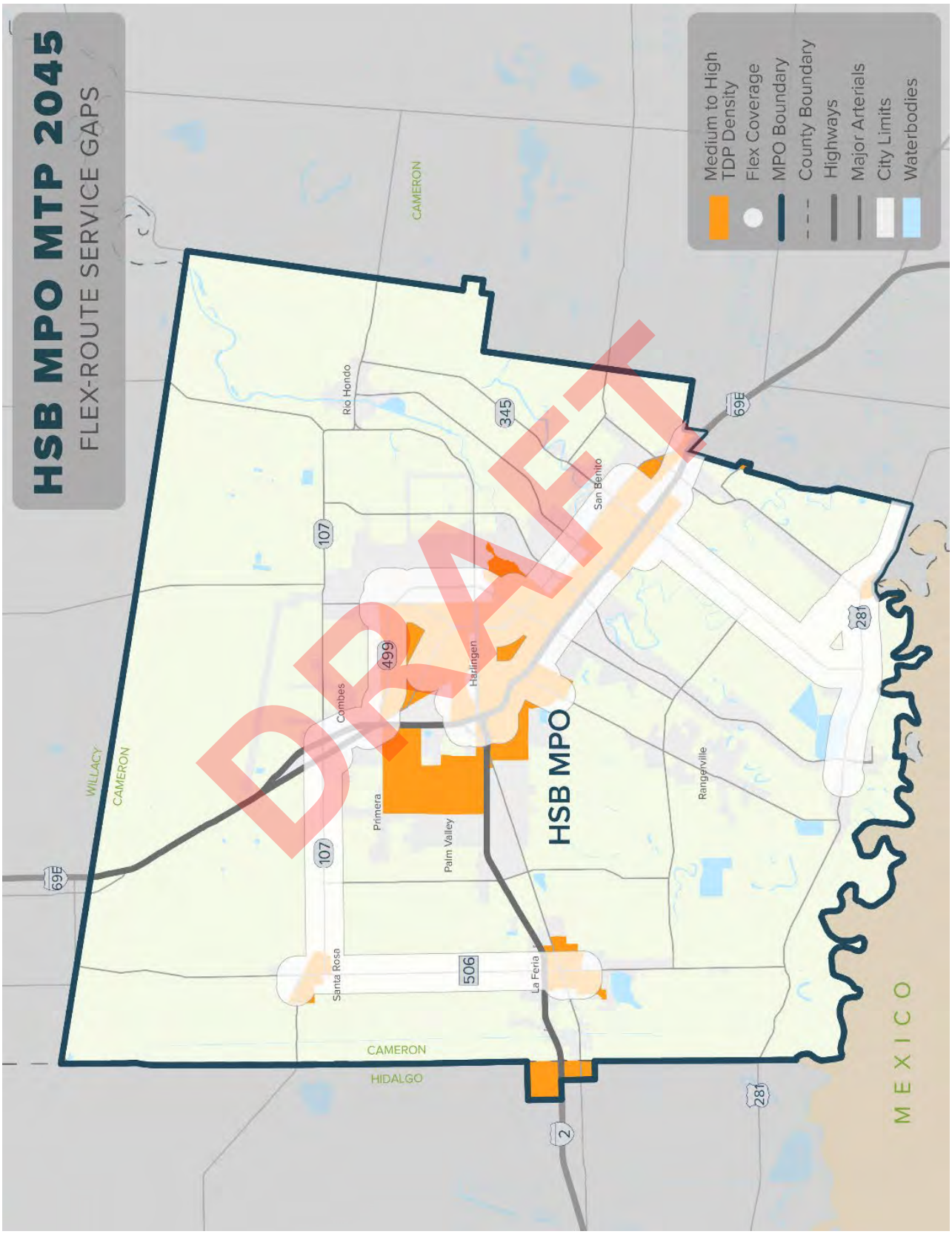


Figure 3-24: HSB MPO Target Transit Rider Density (TTR) Per Acre

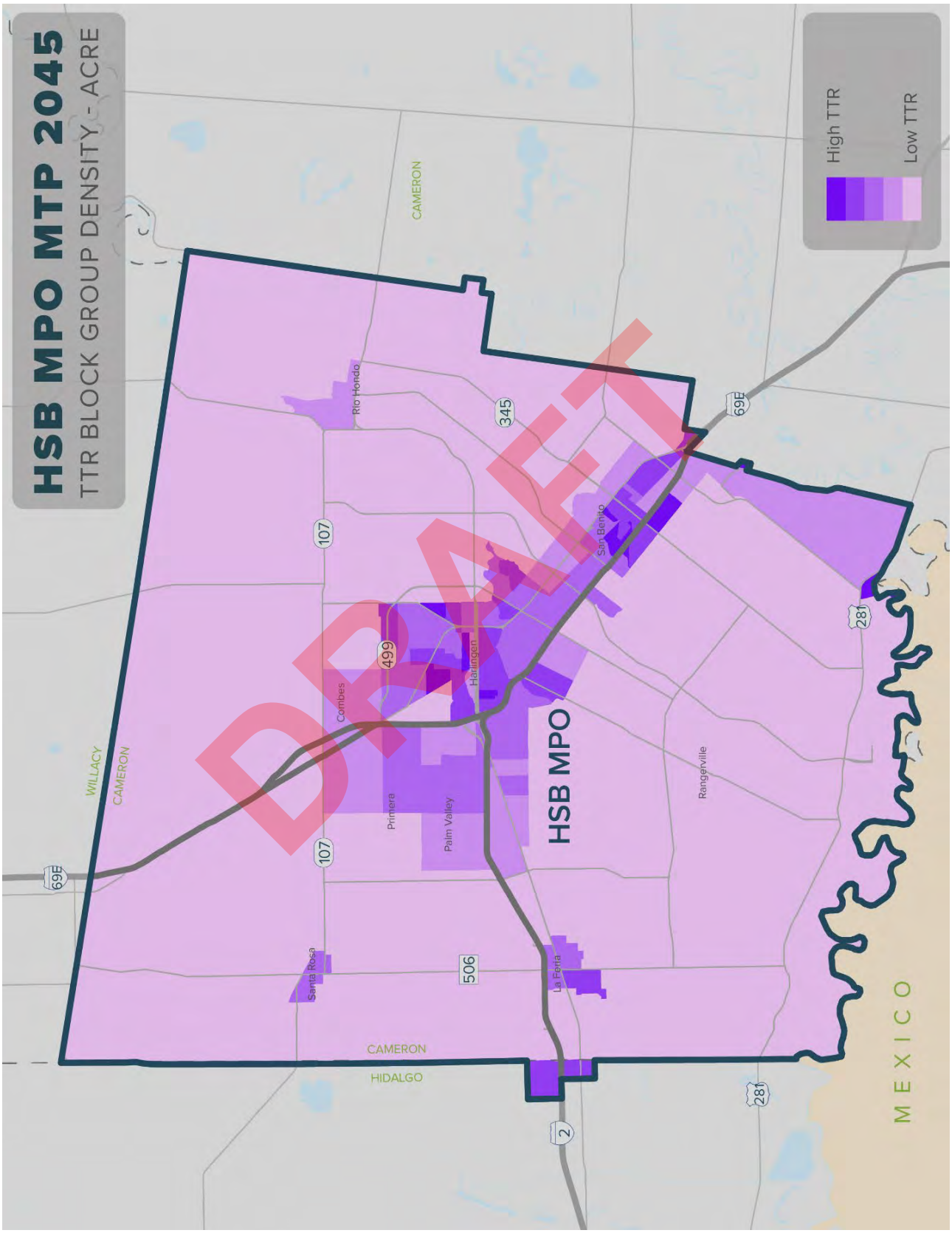


Figure 3-25: HSB MPO Fixed-Route Service Gaps for TTR

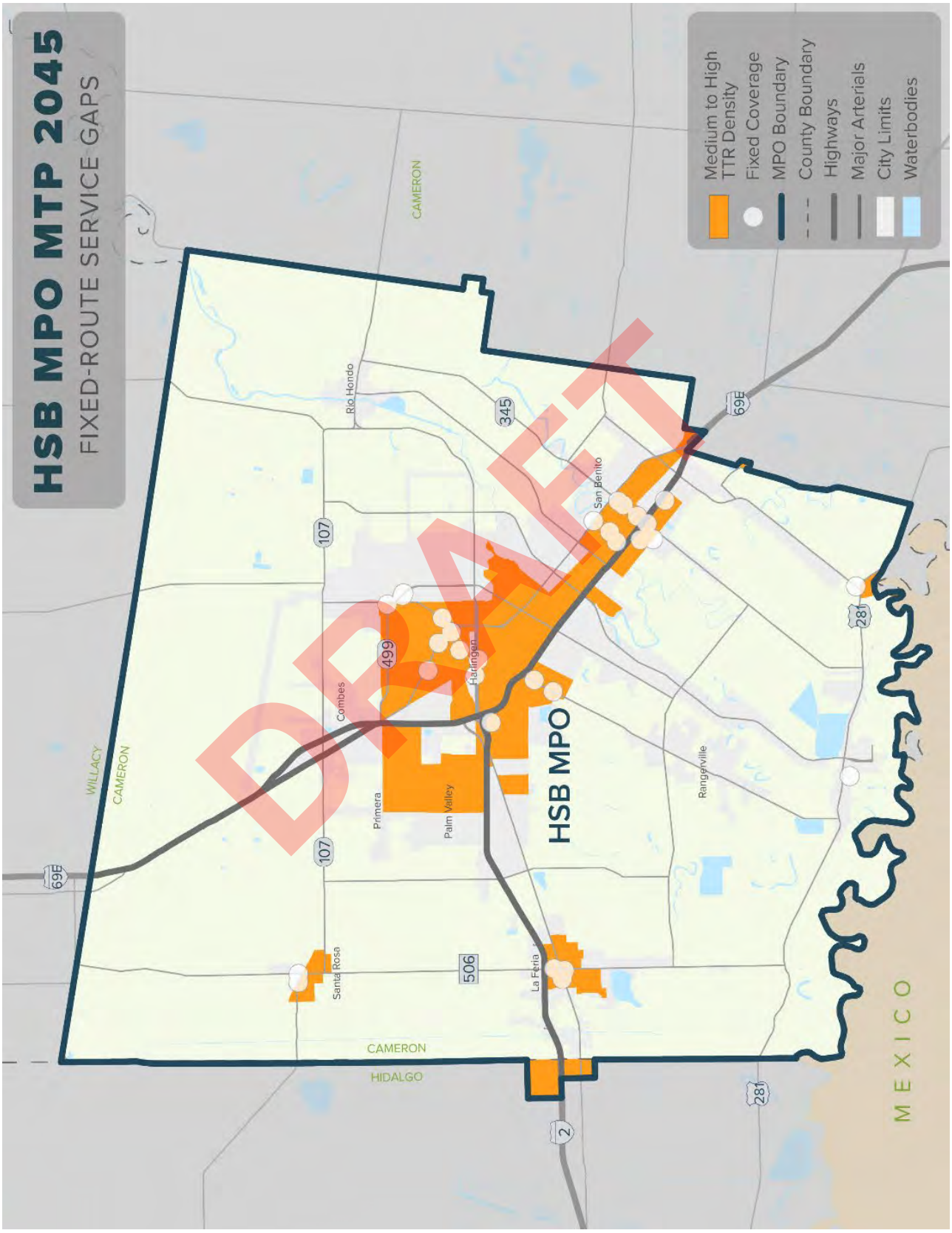
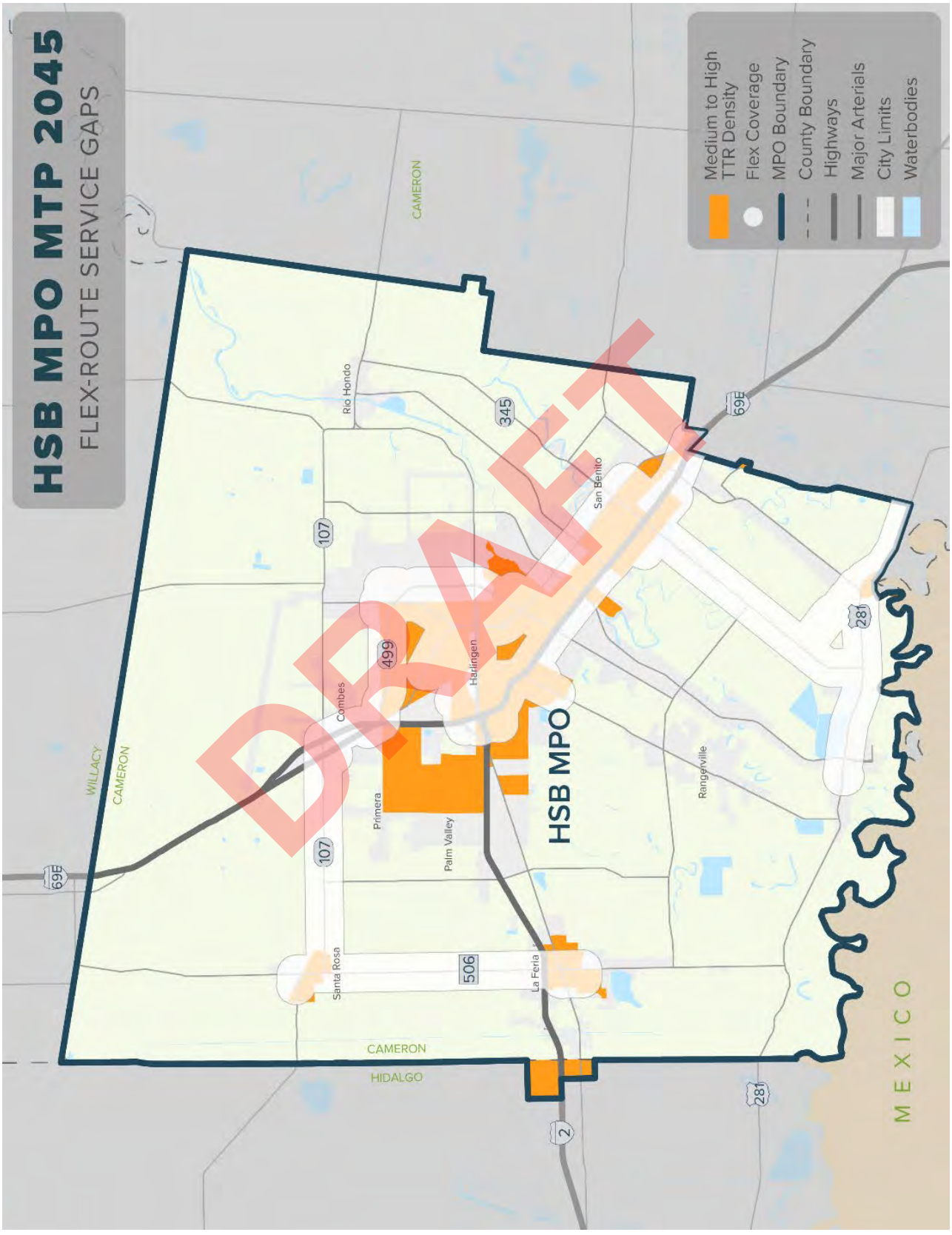


Figure 3-26: HSB MPO Flex-Route Service Gaps for TTR



Hidalgo County MPO

Like HSB MPO, **Figure 3-27** displays the concentrations of Transit Dependent Population (TDP) within the HC MPO area. **Figure 3-28** and **Figure 3-29** display transit gaps for TDP, for both Valley Metro fixed route and flex route services.

The density of Target Transit Riders (TTR), for HC MPO is shown in **Figure 3-30**. **Figure 3-31** and **Figure 3-32** display transit gaps for TTR, for both Valley Metro fixed route and flex route services.



Exhibit 3-19: Passengers wait for buses at Metro McAllen's Central Station

Figure 3-27: HC MPO Transit Dependent Population (TDP) Per Acre

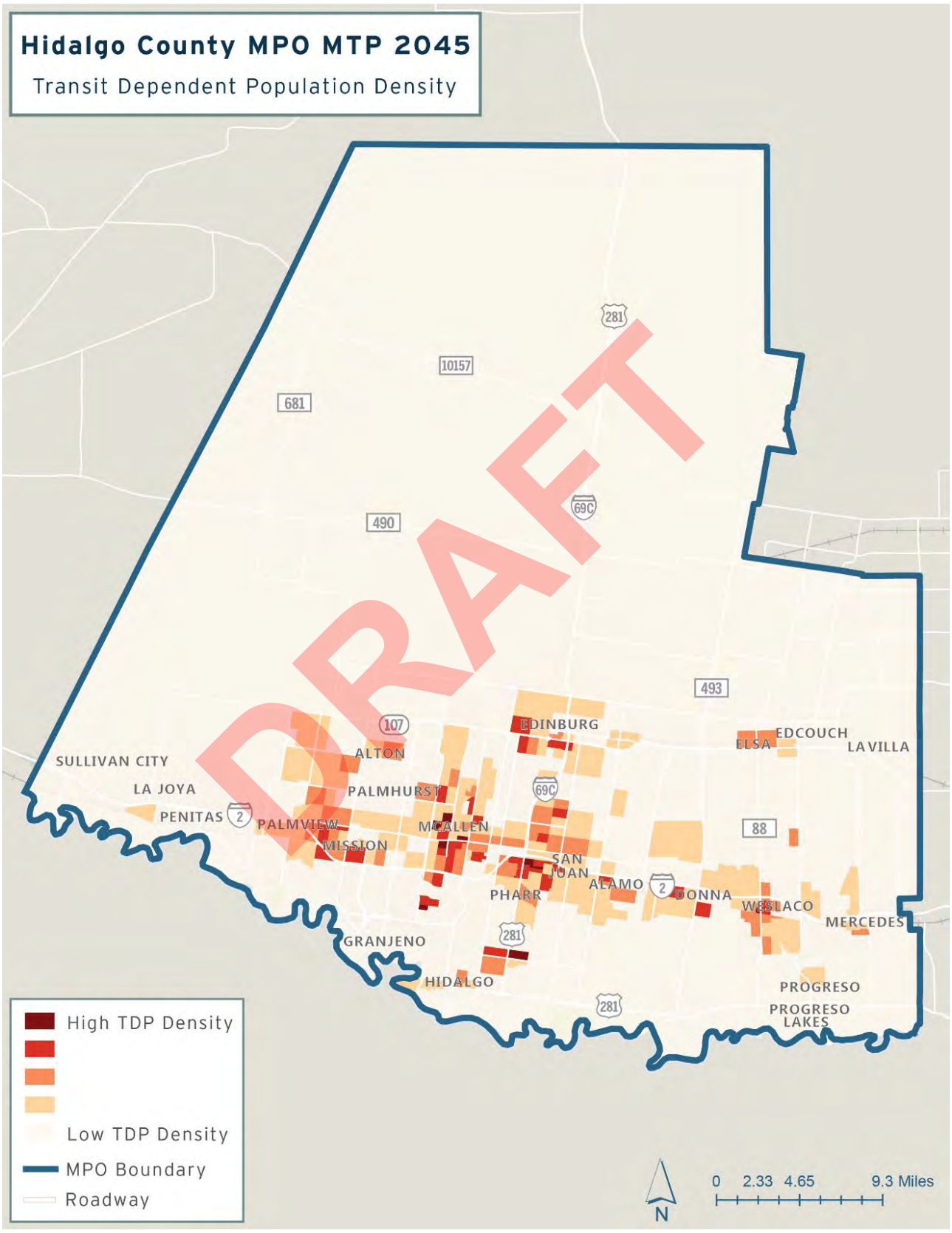


Figure 3-28: HC MPO Gaps in Fixed Route Service for TDP

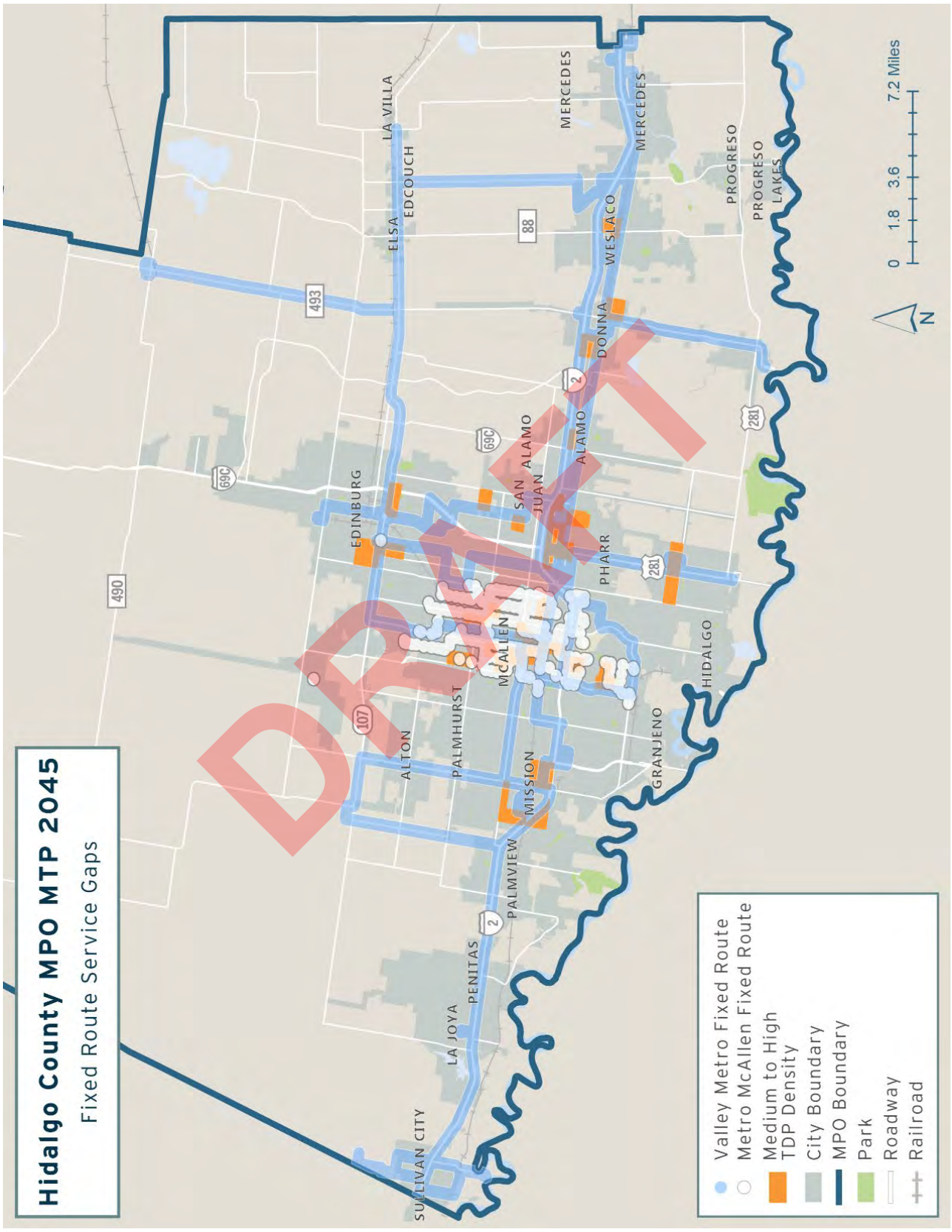


Figure 3-29: HC MPO Gaps in Paratransit/Flex Route Service for TDP

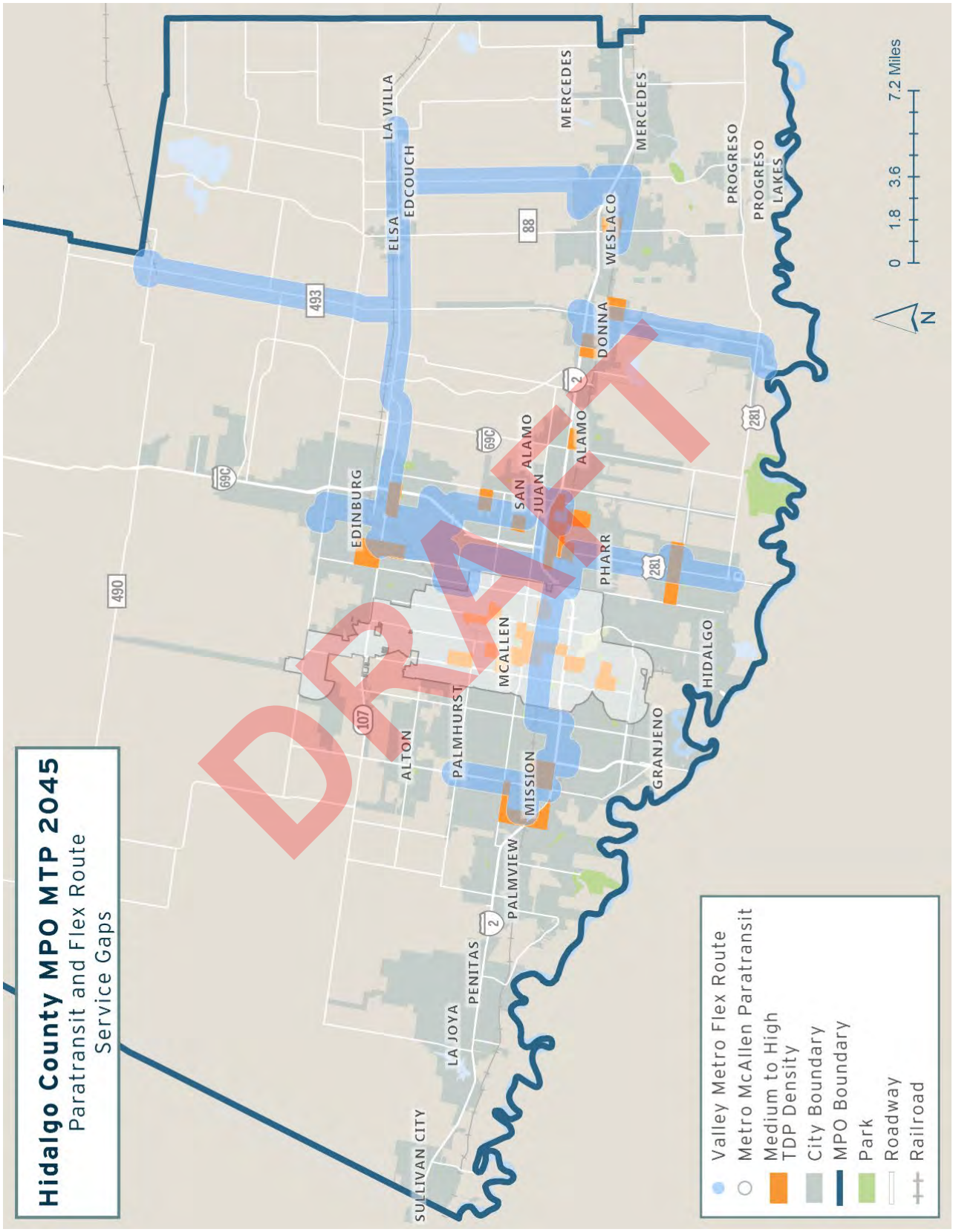


Figure 3-30: HC MPO Target Transit Riders Density (TTR) Per Acre

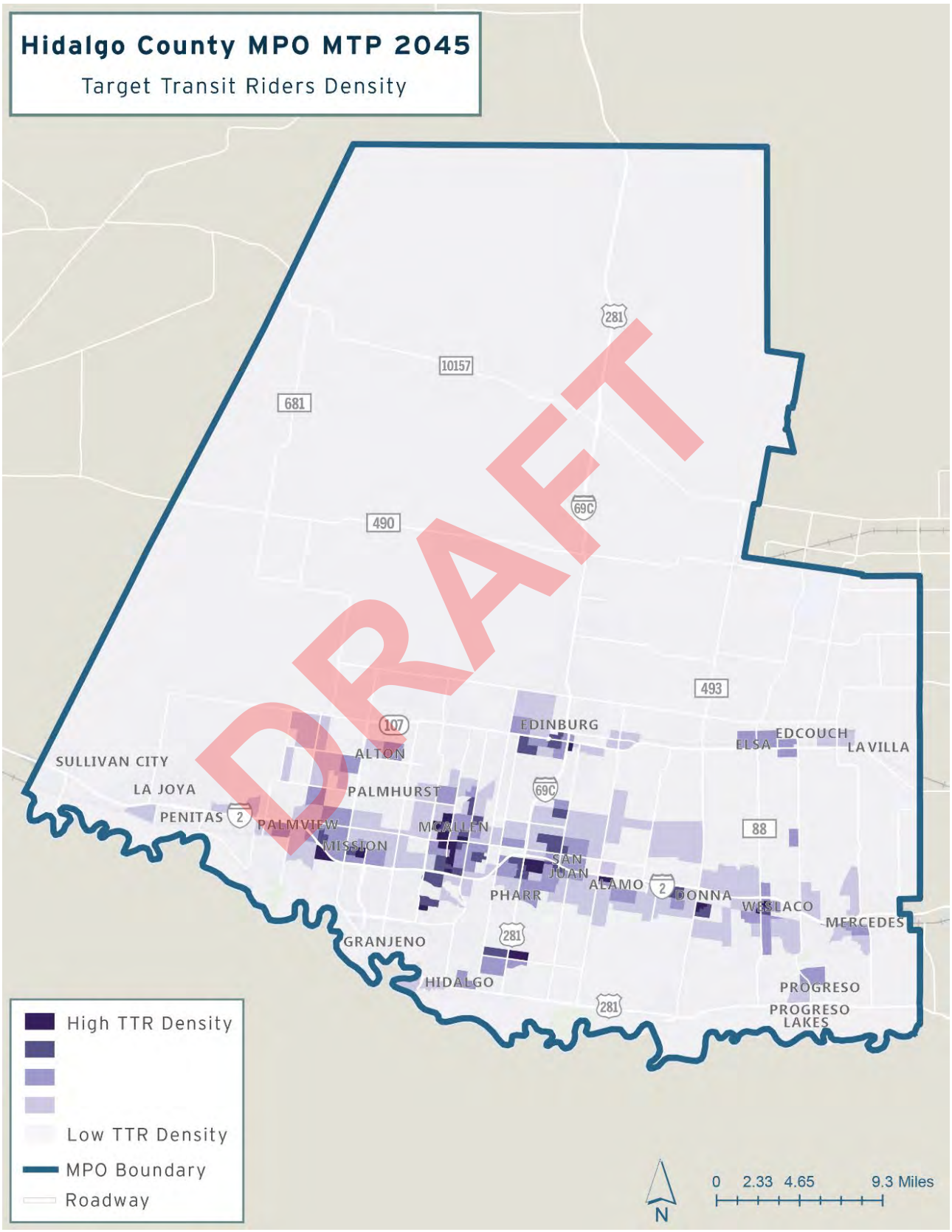


Figure 3-31: HC MPO Gaps in Fixed Route Service for TTR

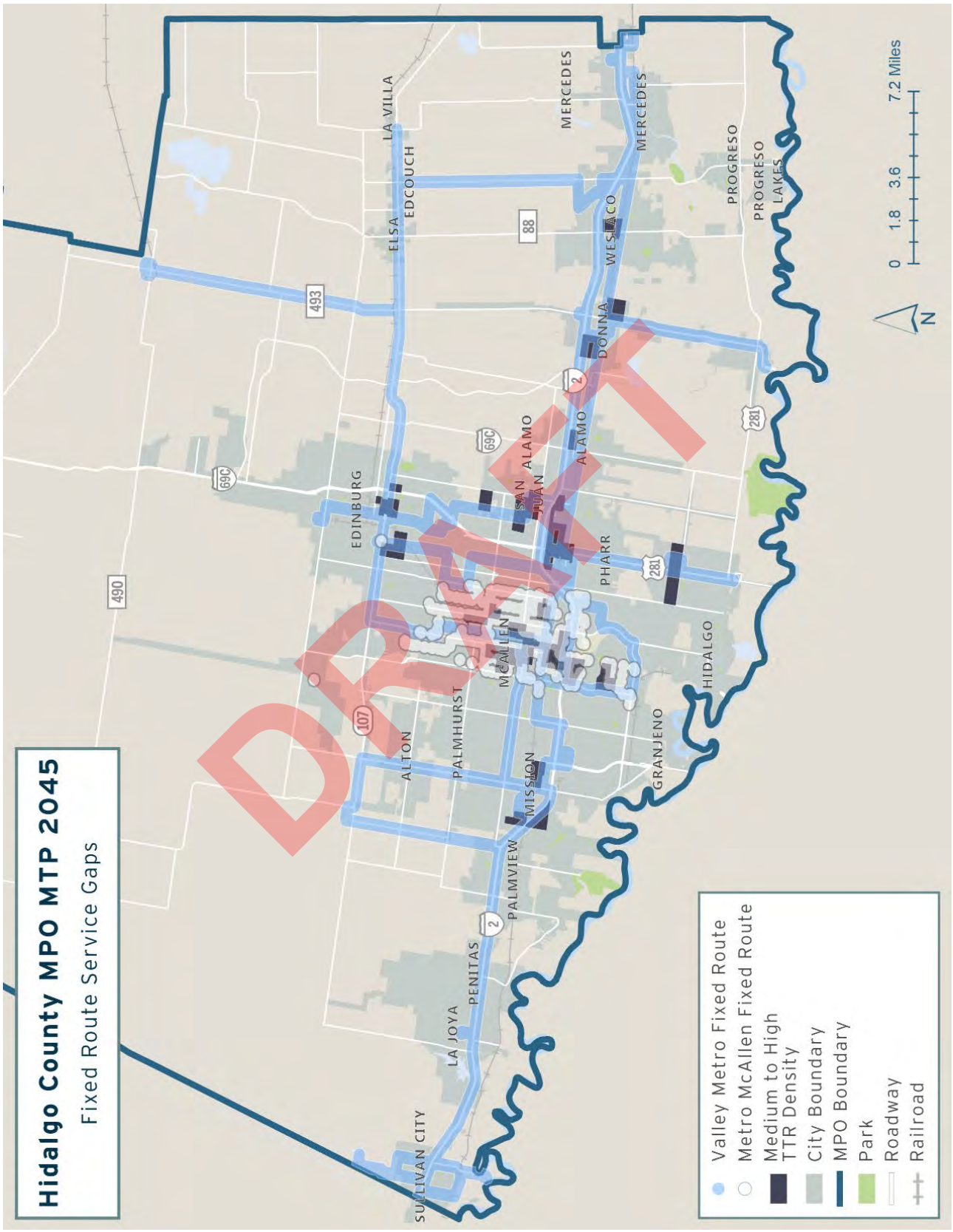
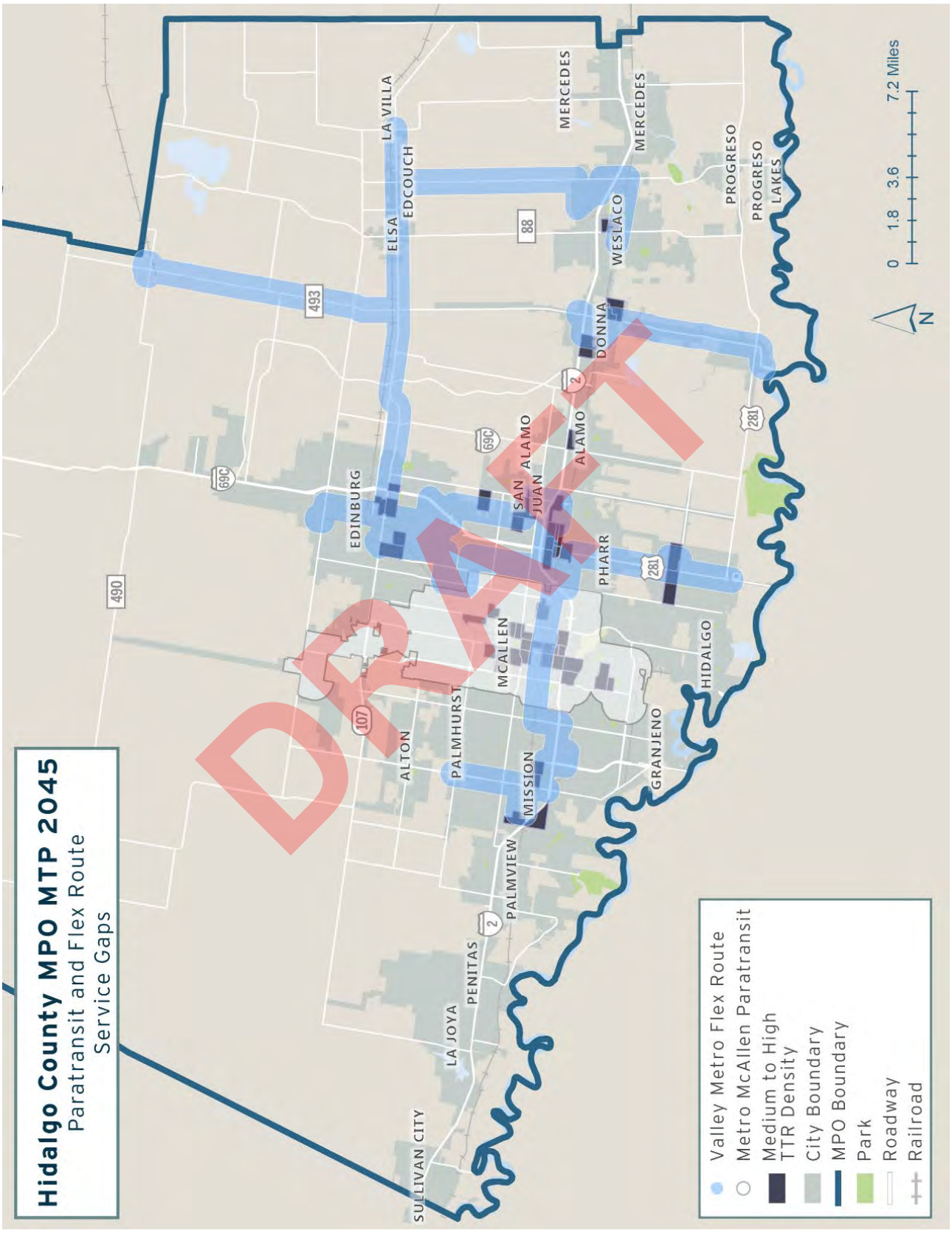


Figure 3-32: HC MPO Gaps in Paratransit/Flex Route Service for TTR



Transit Supply

Transit supply is represented by the quality of service (e.g. route frequency, span of service, weekend/night coverage, etc.) and amenities (e.g. shelters, real time updates, etc.) provided to the general public through existing transit coverage. Currently, Metro McAllen and Valley Metro provide span of service ranging between 60 minutes and 120 minutes. Detailed span of service and schedule info can be found in the existing transit section above. Because of the lack of disparity in existing supply conditions, an analysis on coverage regarding key destinations within each MPO planning area was conducted to display how well the current fixed, flex and paratransit systems are serving important destinations found in the area. Land uses and destinations considered in this analysis were provided by the HSB MPO and HC MPO and are listed below:

- Schools
- Parks
- Hospitals /Medical
- Education
- Community
- Government
- Religious
- Employers

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Exhibit 3-20: Valley Metro Transit Amenities in Harlingen

Harlingen-San Benito MPO

As shown in **Table 3-22**, more than 80% (256) of the key destinations in the MPO planning area have flex route transit service.

Table 3-23 shows the key destinations served by the fixed route system, where there is a significant drop in coverage with only 23% (73) of the destinations receiving transit service. **Figure 3-33** displays key destinations relative to transit coverage in the HSB MPO planning area.

Table 3-22: HSB MPO Key Destinations in Fixed Route Transit Coverage

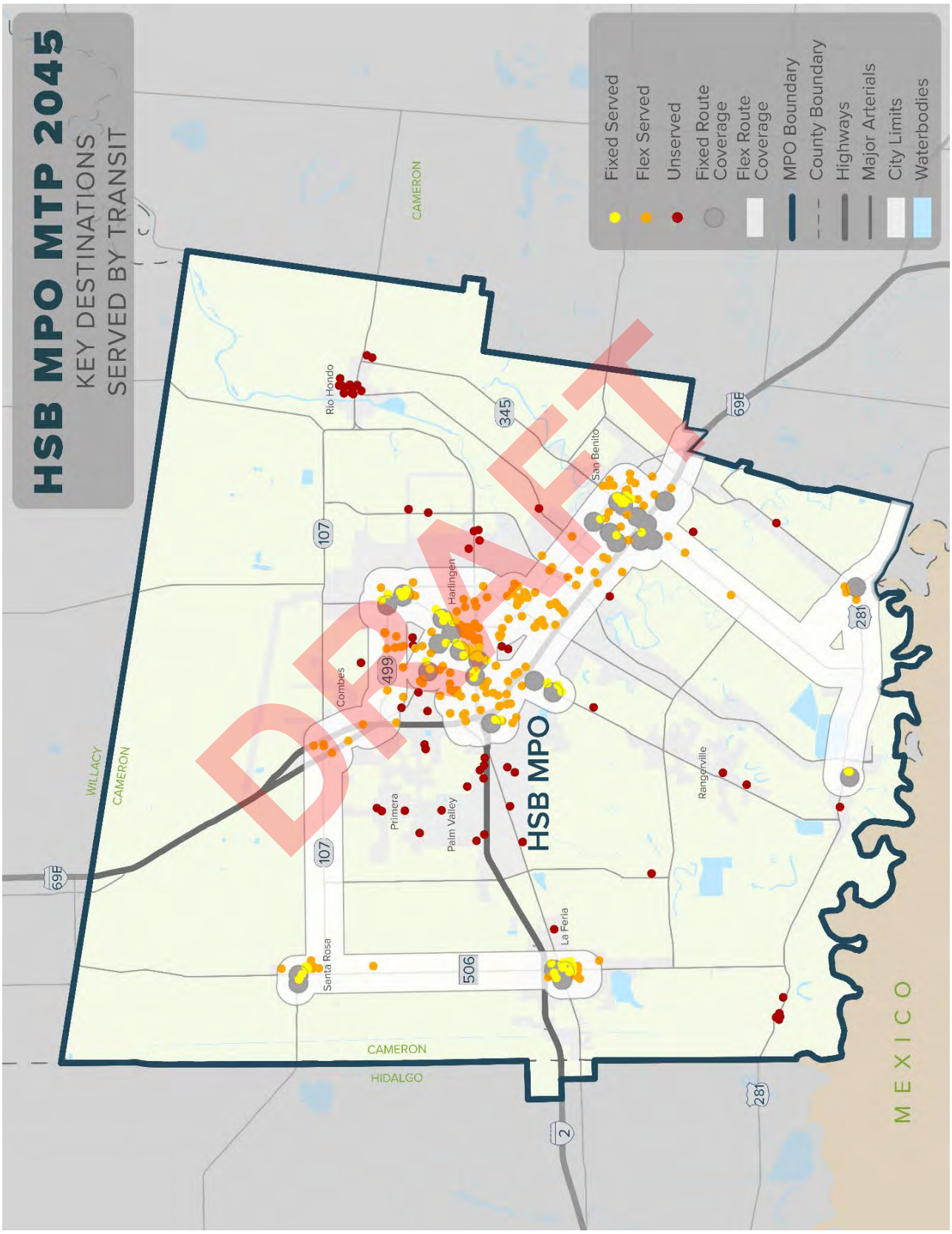
	Total	Covered	Not Covered	% Covered
Education	139	107	32	77%
Community	17	15	2	88%
Government	25	22	3	88%
Medical	20	20	0	100%
Religious	55	42	13	76%
Employers	62	50	12	81%
Total	318	256	62	81%

Table 3-23: HSB MPO Key Destinations in Flex Route Transit Coverage

	Total	Covered	Not Covered	% Covered
Education	139	27	112	19%
Community	17	6	11	35%
Government	25	12	13	48%
Medical	20	5	15	25%
Religious	55	12	43	22%
Employers	62	11	51	18%
Total	**318**	**73**	**245**	**23%**

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Figure 3-33: HSB MPO Key Destinations Served



Hidalgo County MPO

As shown in **Table 3-24**, 13% of the total key destinations used in this analysis are covered by fixed route service, and 16% percent are covered by paratransit service, as shown in **Table 3-25**. Though Metro McAllen service is only a small portion of the MPO planning area, more than half (53%) of hospitals are served by fixed route service. That number declines to 35% for the paratransit service due to its restriction within McAllen city limits.

Figure 3-34 shows the walk shed of Valley Metro's flex route service, which covers 39% of total key destinations, and more than three quarters (76%) of hospital facilities. Valley Metro's flex route coverage does not extend to all routes, thus a decrease in served destinations occurs for hospitals and schools, as shown in **Figure 3-35**.

Table 3-24: HC MPO Key Destinations Served by Fixed Route Service

	Metro McAllen			Valley Metro		
	Total	Served	% Served	Total	Served	% Served
Hospitals	17	9	53%	17	13	76%
Parks	115	20	17%	115	44	38%
Schools	319	31	10%	319	119	37%
Total	451	60	13%	451	176	39%

Table 3-25: HC MPO Key Destinations Served by Paratransit/Flex Route

	Metro McAllen			Valley Metro		
	Total	Served	% Served	Total	Served	% Served
Hospitals	17	6	35%	17	12	71%
Parks	115	27	23%	115	49	43%
Schools	319	41	13%	319	114	36%
Total	451	74	16%	451	175	39%

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Figure 3-34: HC MPO Key Destinations Served by Fixed Route Service

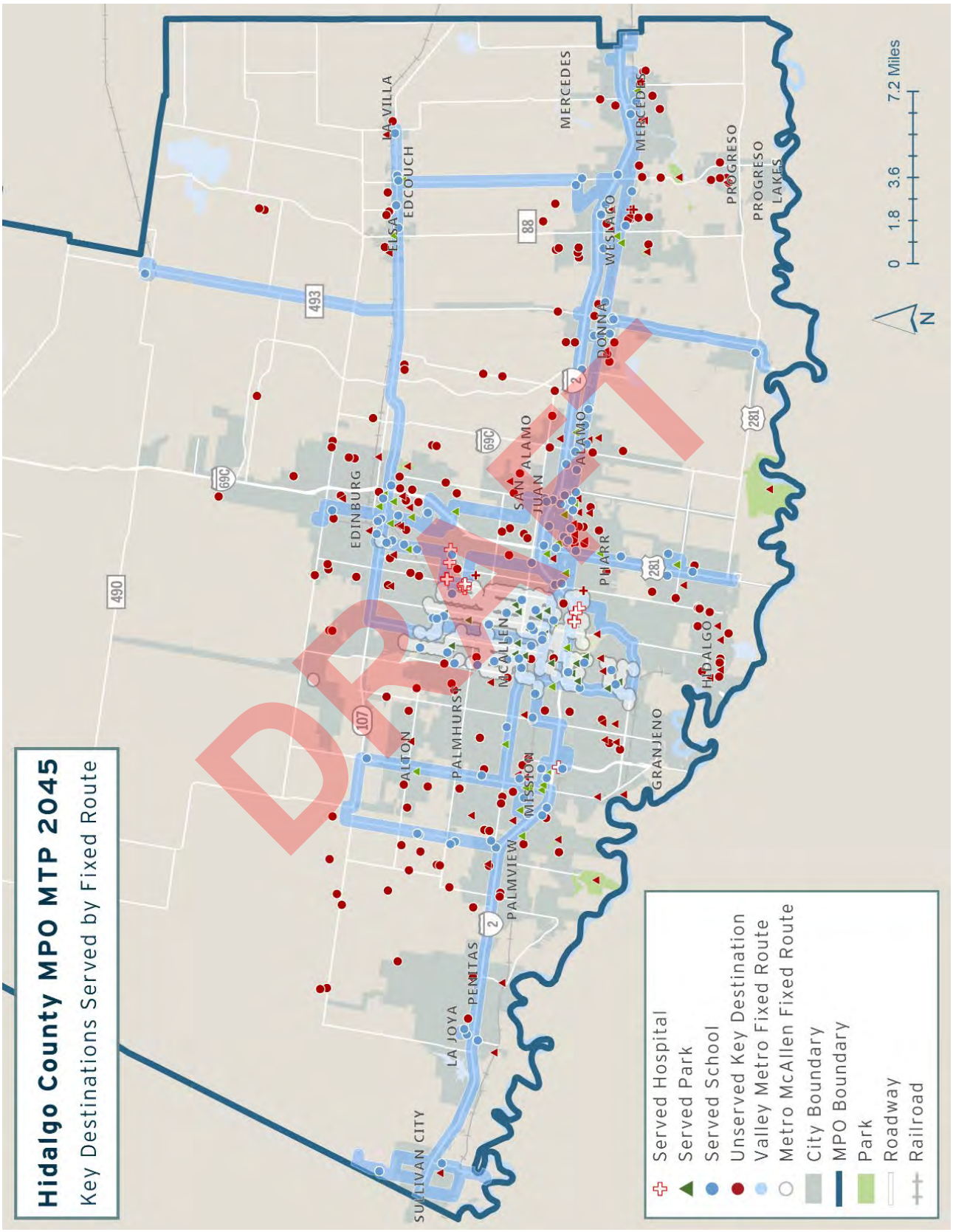
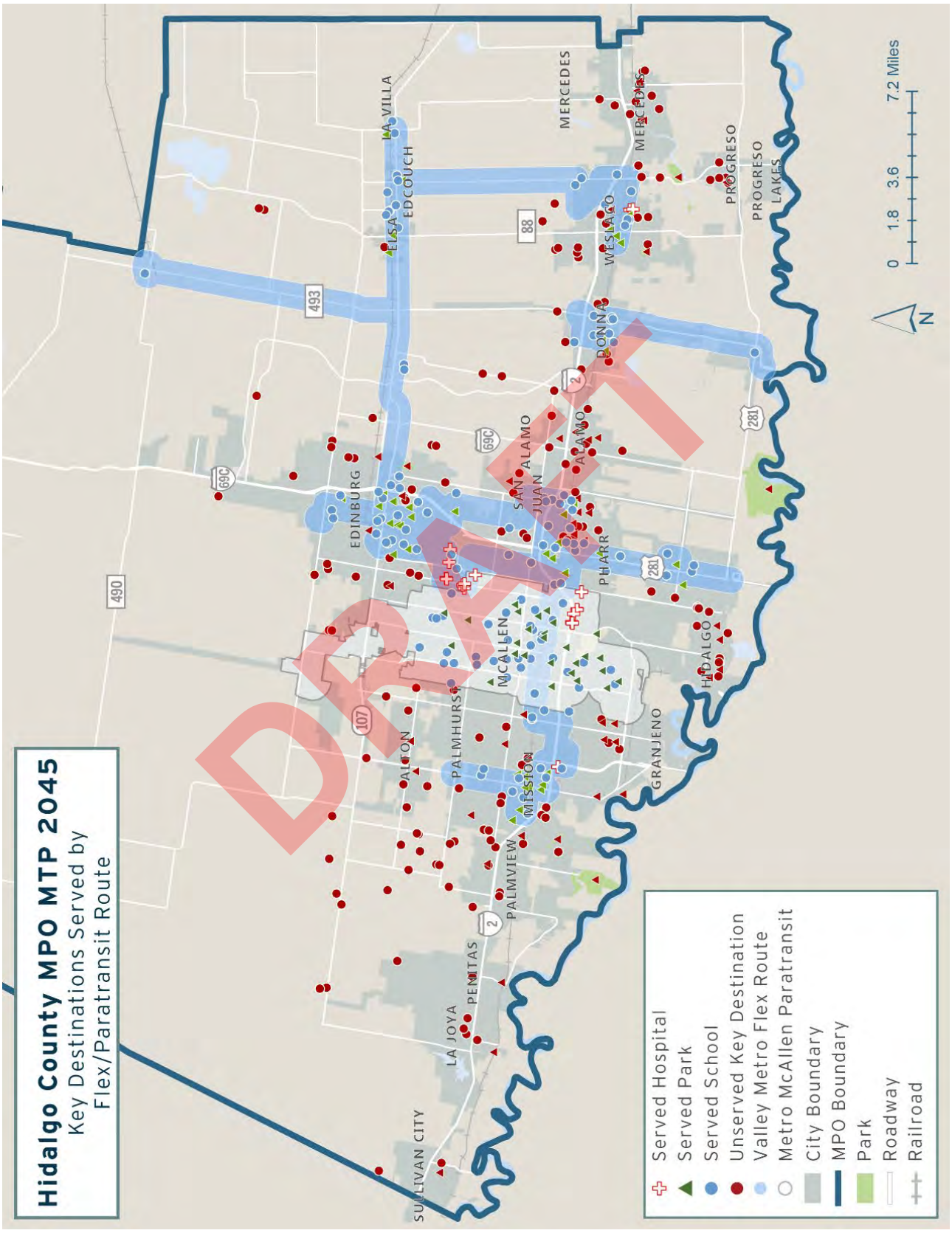


Figure 3-35: HC MPO Key Destinations Served by Paratransit/Flex Route



Active Transportation Assessment



Exhibit 3-21: Heavin Resaca Trail in San Benito

Active transportation networks typically consist of sidewalks and bicycle infrastructure and helps facilitate the use of non-single-occupancy vehicle (SOV) modes of transportation. Creating contiguous active transportation systems can encourage walking and cycling, which in turn can help create healthy communities. This can also help create a more effective transit network and address the "first/last mile" problem by providing better connections between transit stops, trip origins, and trip destinations. This section dives into the existing conditions of the RGVMPO's active transportation network through a comprehensive analysis of accessibility to pedestrian and cycling infrastructure. The section also identifies walking and cycling gaps in service for the HSB and HC MPO planning areas. Both analyses work in tandem to identify areas where improvements to the active transportation network would be most effective. For the Brownsville MPO planning area previous and ongoing plans and projects are discussed to better understand the existing landscape of active transportation infrastructure.

Harlingen-San Benito MPO

Current Conditions

According to 2017 American Community Survey (ACS) data, 1.3% of residents of Cameron County walk to work as means of transportation, while only 0.2% used a bicycle. Those numbers rose slightly for Harlingen at 1.8% walking and remained a consistent 0.2% of people using a bike. The average for the state of Texas is 1.6% and 0.3% respectively. The choice to walk or bike can be easily deterred by a lack or gap in facilities, and conditions that are uncomfortable. Due to the low number of facilities currently available in the HSB MPO planning area, it is logical to have low percentages of people who are walking or biking as their mode choice of getting to work.

The following prior plans to this MTP address active transportation in the planning area, on which this analysis draws from. The plans are listed below:

- Harlingen-San Benito MPO Bicycle and Pedestrian Master Plan – September 2016
- Harlingen San Benito MPO MTP 2015-2040 – December 2014
- City of Harlingen Parks and Recreation Master Plan – January 2016
- City of Harlingen Trails Master Plan – March 2010
- City of San Benito Parks and Recreation Master Plan – April 2015

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It is apparent from the listed plans that communities in the MPO planning area value recreation and access to the outdoors, especially along off-street or shared use trails. Current facilities do not reflect those values, though goals and objectives are focused on improving facilities for those who walk or bike. In the 2016 Harlingen Parks and Recreation Master Plan, the second highest response from a community survey for needed improvements, was to add additional places to ride a bicycle.

Bike Facilities

The current bike facilities consist of two bi-directional bike lane segments, along with nearly six miles of off-street bike facilities, the side path and shared use paths. The side path runs primarily along N 25th Street and connects several schools and community amenities. **Table 3-26** shows the total length in miles of the current bike network. It should be noted that the Harlingen urban area has several bike racks which are shown in **Figure 3-36**. Bike parking is an amenity that significantly expands the use of bicycles for transportation, as it provides a dedicated and secured fixture for locking a bike for a long period of time.



Exhibit 3-22: Branded Bike Racks in Harlingen, TX

Table 3-26: Current Bike Network Facilities

Facility Type	Length in Miles	Number of Segments
Shared Use	3	2
Side Path	3	1
Bike Lane	7	4
Total	13	7

Pedestrian Facilities

As shown in **Table 3-27**, 140 miles of pedestrian network exist, the majority being sidewalk (134 miles). Most of the sidewalk network is located in the gridded, urban neighborhoods of Harlingen, which is conducive to making trips by foot. San Benito and the smaller communities lack sidewalk data to use in this analysis, though there are sidewalk networks in some areas of those communities. Shared use paths and side paths provide great opportunity for walking and biking alike. For that reason, off-street facilities are included in both pedestrian and bike networks.



Exhibit 3-23: Sidewalk Infrastructure in Harlingen, TX

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Table 3-27: Current Pedestrian Network Facilities

Facility Type	Length in Miles	Number of Segments
Shared Use	3	2
Side Path	3	1
Sidewalk	134	685
Total	140	688

Service Gaps

Figure 3-36 shows those block groups with medium to high densities of TDP and employment, and block groups where there is both a high density of employment and TDP, signaling they are high need areas. High need for walking and biking facilities occurs in the urban areas in the MPO planning area. Within San Benito, limited facilities exist, and travel into Harlingen lacks facilities. As it stands, bike facilities tend to border the urban areas, and do not provide access to the amenities in the urban core of Harlingen. A largely gridded street network in Harlingen provides a sidewalk network, though some locations may be incomplete. Santa Rosa, La Feria, Primera, and Palm Valley, all smaller communities in the planning area, also have dense populations with limited access to motor vehicles, and limited to no facilities for walking or biking, especially into the more urban area of Harlingen or San Benito.

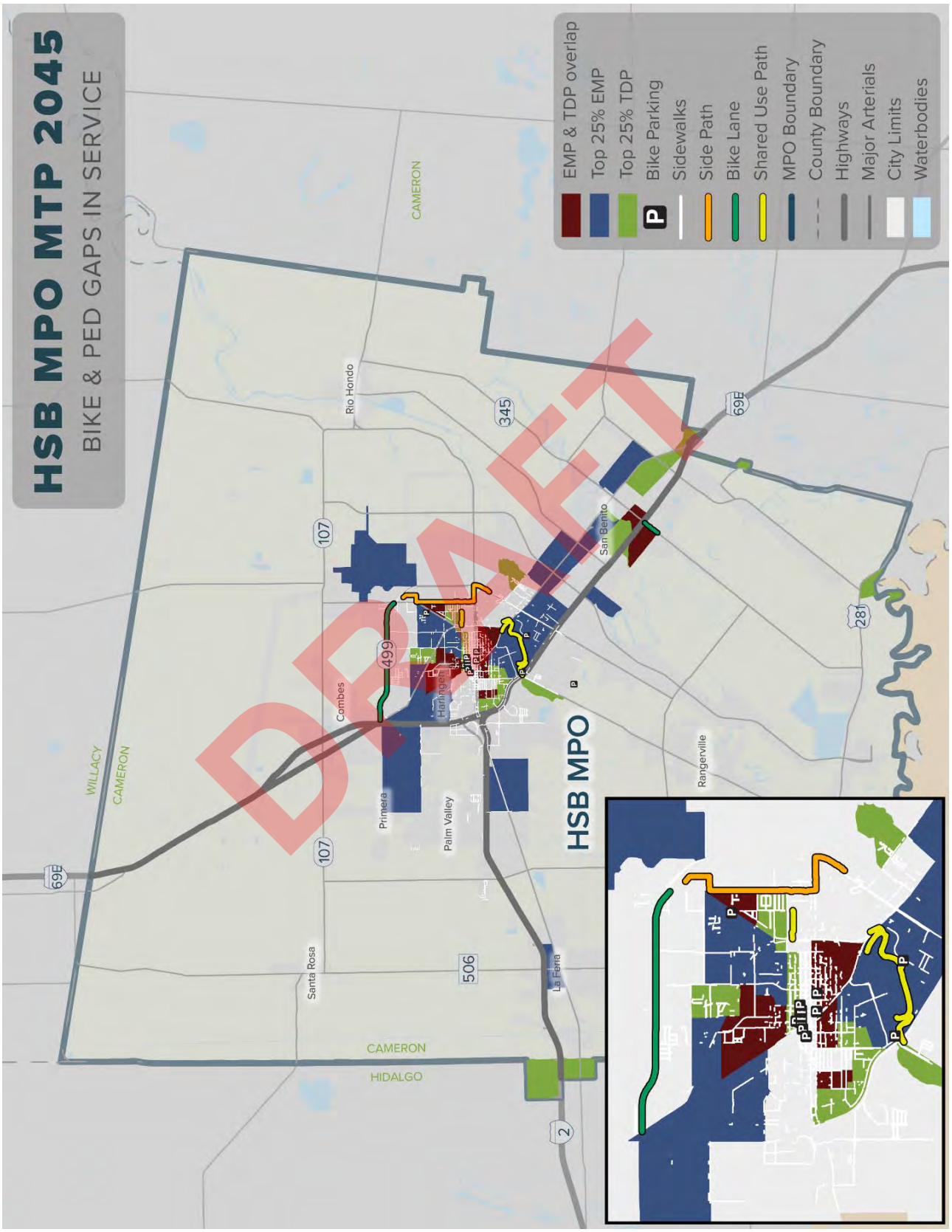
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Exhibit 3-24: Protected bike path along Ed Carey Drive, adjacent to Hugh Ramsey Nature Park in Harlingen

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Figure 3-36: Service Gaps in Bike & Pedestrian Network



Proposed Facilities

In the HSB MPO Bike and Ped Master Plan, proposed facilities are separated into three Facility Network categories including urban, rural and off-street. Based upon the characteristics of the Facility Network and the needs of the user, appropriate Facility Classes can be used. According to that plan, four Facility Classes are needed throughout the planning area:

- **Off-Street –** completely disconnected from the roadway, though often are parallel
- **Separated –** has a barrier between the facility and motor vehicle traffic
- **Designated –** similar to a separated facility, but without a physical barrier
- **Combined –** does not have any designated space for people using bikes and the entire roadway is shared with motor vehicles

The proposed pedestrian facilities add over 100 miles of each sidewalk and off-street network, as shown in **Table 3-28**. The extensive off-street facility that is proposed would greatly benefit the use of walking and biking throughout the urban MPO planning area, as both people walking and biking use off-street networks. The proposed sidewalk networks add to the incomplete sections of the inner Harlingen neighborhoods, and adds sidewalks in the high need areas between Harlingen and San Benito, as shown in **Figure 3-37**.

Table 3-28: Proposed Pedestrian Facilities

Facility Class	Length in Miles	Number of Segments
Sidewalk	109	1,441
Off Street	102	27
Total	236	712

Figure 3-38 shows the proposed bike network according to Facility Class. 420 miles of proposed bike network are evenly dispersed throughout the MPO (**Table 3-29**). Most of those miles are designated (300) however, a significant portion are off-street, which provide the most comfort and access for all users. Several separated segments are proposed, to complete the network in high conflict areas. Overall, the addition of this bike network will dramatically improve the ability for people to use bicycles in urban and rural areas alike within the MPO planning area.

Table 3-29: Proposed Bike Facilities

Facility Class	Length in Miles	Number of Segments
Combined	5	3
Designated	300	163
Separated	13	15
Off Street	102	27
Total	420	208

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Figure 3-37: HSB MPO Proposed Pedestrian Facilities

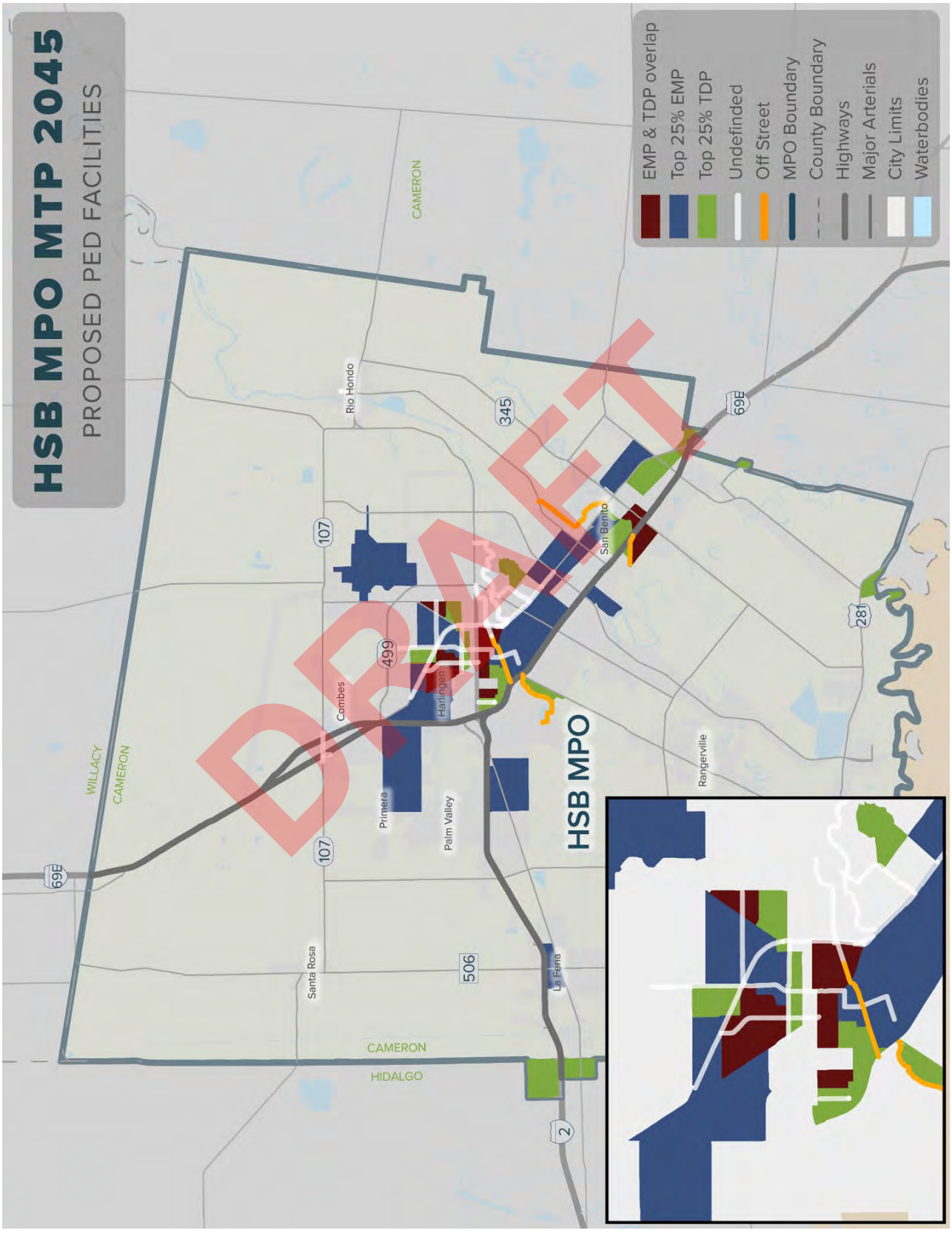
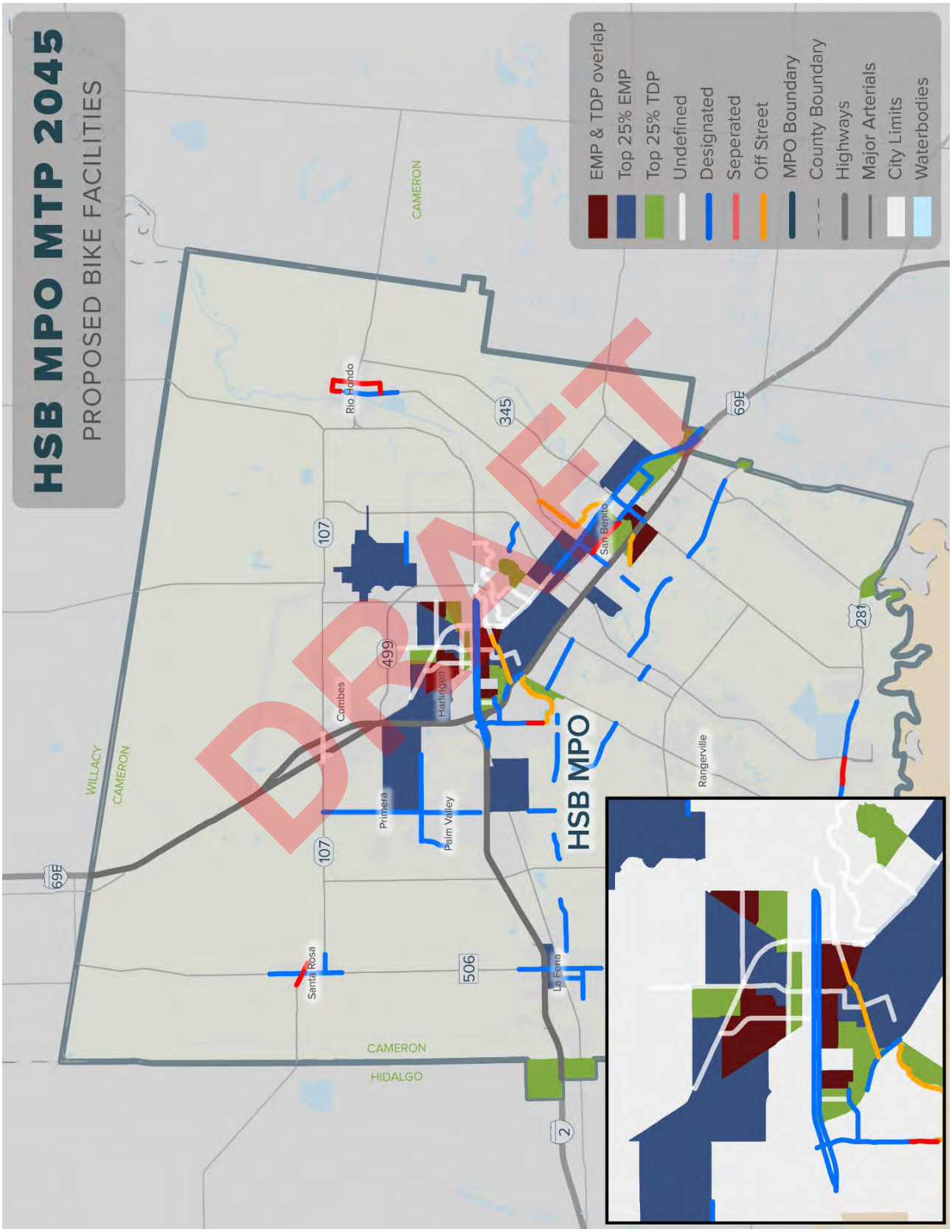


Figure 3-38: HSB MPO Proposed Bike Facilities



Hidalgo County MPO

Current Conditions



Exhibit 3-25: B-Cycle Station McAllen

According to 2017 American Community Survey (ACS) data, 2% of residents of Hidalgo County walk to work as means of transportation, while only 0.1% used a bicycle. The average for the state of Texas is 1.6% and 0.3% respectively. The choice to walk or bike can be easily deterred by a lack or gap in facilities, and conditions that are uncomfortable. Due to the lack of connectivity of both the bike and pedestrian network in the HC MPO planning area, it is logical to have low percentages of people who are walking or biking as their mode choice of getting to work.

The following prior plans to this MTP address active transportation in the planning area, on which this analysis draws from. The plans are listed below:

- Hidalgo County MPO Bicycle Plan – April 2018
- Hidalgo County MPO Pedestrian Plan – March 2014
- Hidalgo County MPO MTP 2015-2040 – December 2014

It is apparent from the listed plans that communities in the MPO planning area value safety and access to a continuous bicyclist network, especially in connection to a comprehensive multimodal transportation network. Current facilities do not reflect those values, though goals and objectives are focused on improving facilities and policies for those who walk or bike. In both the 2015-2016 Hidalgo County Pedestrian Plan Survey and the 2018 Bike Plan Survey, pedestrians and bicyclists alike suggested that Hidalgo County needs 1) a safer and more secure pedestrian/bicycle network and 2) to increase connectivity between communities and key destinations, such as schools, parks, and employment/shopping centers.

Bike Facilities

The current bike facilities consist of two bi-directional bike lane/shared lanes segments, along with nearly 42 miles of off-street bike facilities, the side path and shared use paths. **Table 3-30** shows the total length in miles of the current bike network. It should be noted that two bike share companies have also been introduced into Hidalgo County since 2015, increasing the number of accessible bicycles and parking stations for residents.

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Table 3-30: Current Bike Network Facilities

Facility Type	Length in Miles
Shared Use Paths/Hike-Bike Trails	41.9
Bike/Shared Lane	69.5
Total	111.4

Pedestrian Facilities

As shown in **Table 3-31**, almost 1,713 miles of pedestrian network exist, the majority being sidewalk (1670.6). Most of the sidewalk network is located within the urbanized areas of Hidalgo County, creating nodes of walkability rather than one well connected network. Sidewalks spread outwards from McAllen to the other neighboring cities, such as Mission, Pharr, Hidalgo, Edinburg, and San Juan, but at a much sparser concentration. Shared use paths and hike-bike trails provide great opportunity for walking and biking alike. For that reason, off-street facilities are included in both pedestrian and bike networks.

Table 3-31: Current Pedestrian Network Facilities

Facility Type	Length in Miles
Shared Use Paths/Hike-Bike Trails	41.9
Sidewalk	1670.6
Total	1712.5

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Service Gaps

Figure 3-39 shows employment density dispersed in the urban area of the MPO planning area, with the highest density block groups occurring in the urban core areas along IH 2 and downtown Edinburg and McAllen. High employment areas provide important destinations for trips and should be a consideration in proposed projects to improve facilities for people who are walking and biking.

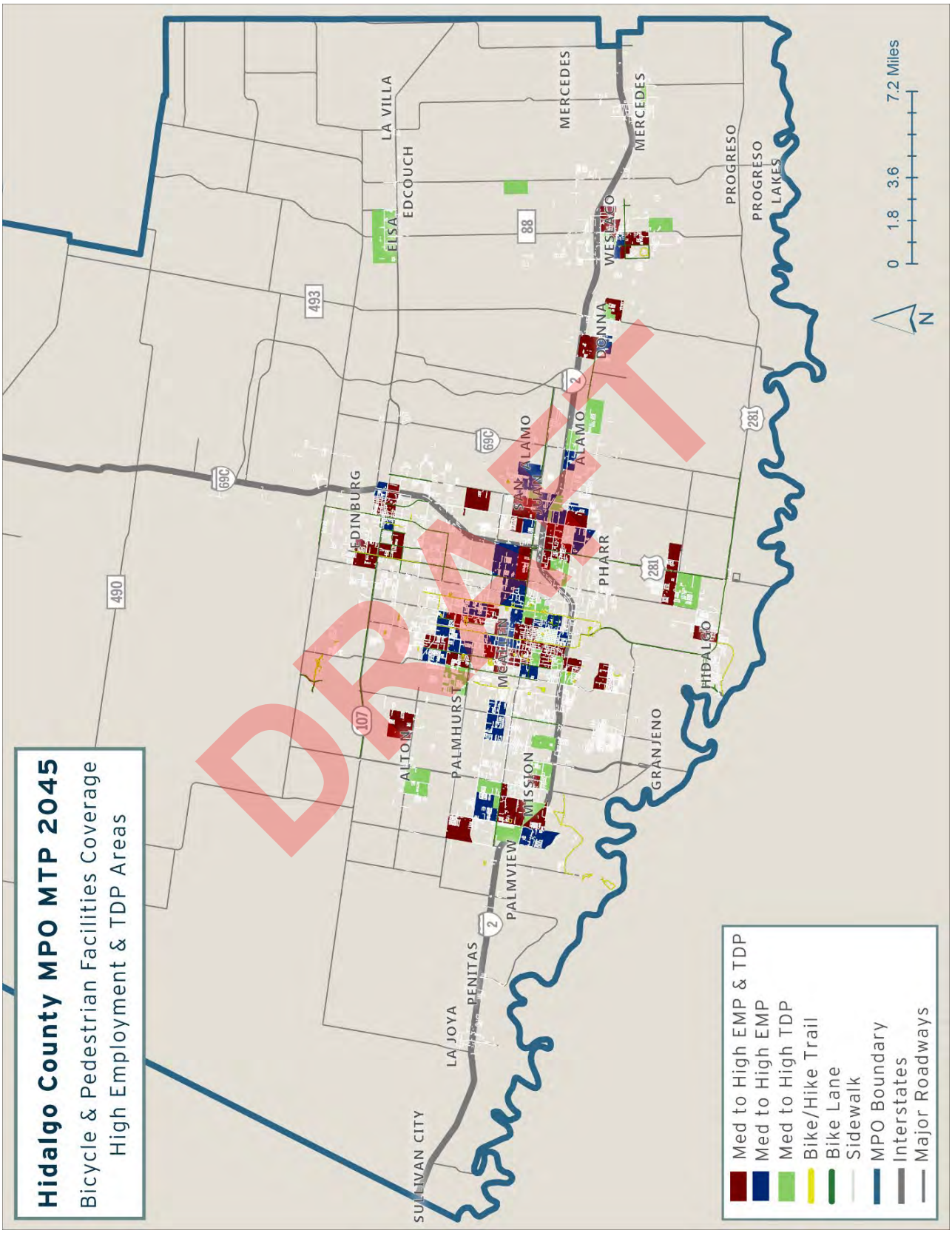
A good transportation network will accommodate areas where there are greater densities of people or jobs. Areas with high population densities will account for origins of many trips, while areas with high employment densities will account for destinations of many trips. Looking further into populations who are more likely to use forms of active transportation, Transit Depend Populations (TDP) as used in the transit analysis section of the MTP, is a conservative measure of those person who lack access to a personal automobile. Therefore, TDPs are more likely to use transit, and or active transportation to accomplish their daily needs.

Further, **Figure 3-39** shows block groups where there is both a high density of employment and TDP, signaling they are high need areas. High need for better connectivity of walking and biking facilities occurs between the urban areas in the MPO planning area. As it stands, bike facilities do not connect many of the urban areas to one another within the MPO planning area, with quite a few areas that have both high employment density and TDP, such as Alton and Elsa. Due to these gaps in service, the populations within these underserviced areas will have a hard time connecting to many key destinations within the urban core, such as employment/shopping centers and schools.

A grid street network in Hidalgo County provides a sidewalk network, though some locations may be incomplete. Alton, Edcouch, Penitas, and Progreso, all smaller communities in the planning area, also have dense populations with limited access to motor vehicles and have limited access to facilities for walking or biking.

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Figure 3-39: HC MPO Service Gaps in the Bike & Pedestrian Network



Proposed Facilities

There are many efforts going forward being made within the HC MPO planning area, which includes improvements to both the bike and pedestrian transportation networks. These projects are supported by the communal interest to improve the overall connectivity and safety of the present infrastructure by upgrading the current facilities and adding new facilities where needed. As mentioned in previous sections, creating greater accessibility to the active transportation network due to future projects is critical to bettering the livelihoods and economic opportunities of these communities.

Proposed Pedestrian Facilities

The Pharr-San Juan-Alamo (PSJA) Tri-City Pedestrian Improvements Project will fund the construction of approximately 27,784 square yards of proposed sidewalk. These proposed pedestrian facilities would greatly benefit the use of walking and biking throughout the urban MPO planning area, as both people walking and biking use off-street networks. The proposed sidewalk networks add to the incomplete sections of the inner-city neighborhoods and adds sidewalks in the high need areas in Hidalgo County, which will connect more residents to key destinations such as schools, parks, and businesses. Additionally, Pharr has been funded to undertake its Comprehensive Pedestrian Safety and Wellness Program, which will identify the new construction of walkways that will connect several neighborhoods to schools, businesses, shopping plazas and recreational activities.

Proposed Bicycle Facilities

Since 2015, Hidalgo County has 1) added an estimated 36.5 miles of bikes lanes (equaling a 56% expansion), 2) introduced two docked bike share companies, and 3) undertaken and funded two new expansions to hike-bike trail projects. Additionally, safety improvements have been made to existing facilities, such as the Cano Hike & Bike Trail Lighting Project. This project consists of the installation of approximately 28 solar-powered lighting along the existing trail constructed in partnership with the Edinburg Consolidated Independent School District. This trail extends from Cano Street through Cenizo Park and Dr. Gilberto Diaz Park and South Middle School along Freddy Gonzalez Road. Lastly, biking in Hidalgo County has been made easier by the continued effort from Valley Metro to ensure their entire bus fleet offered bike racks by 2018. Overall, the addition of this bike network will dramatically improve the ability for people to use bicycles in urban and rural areas alike within the MPO planning area.

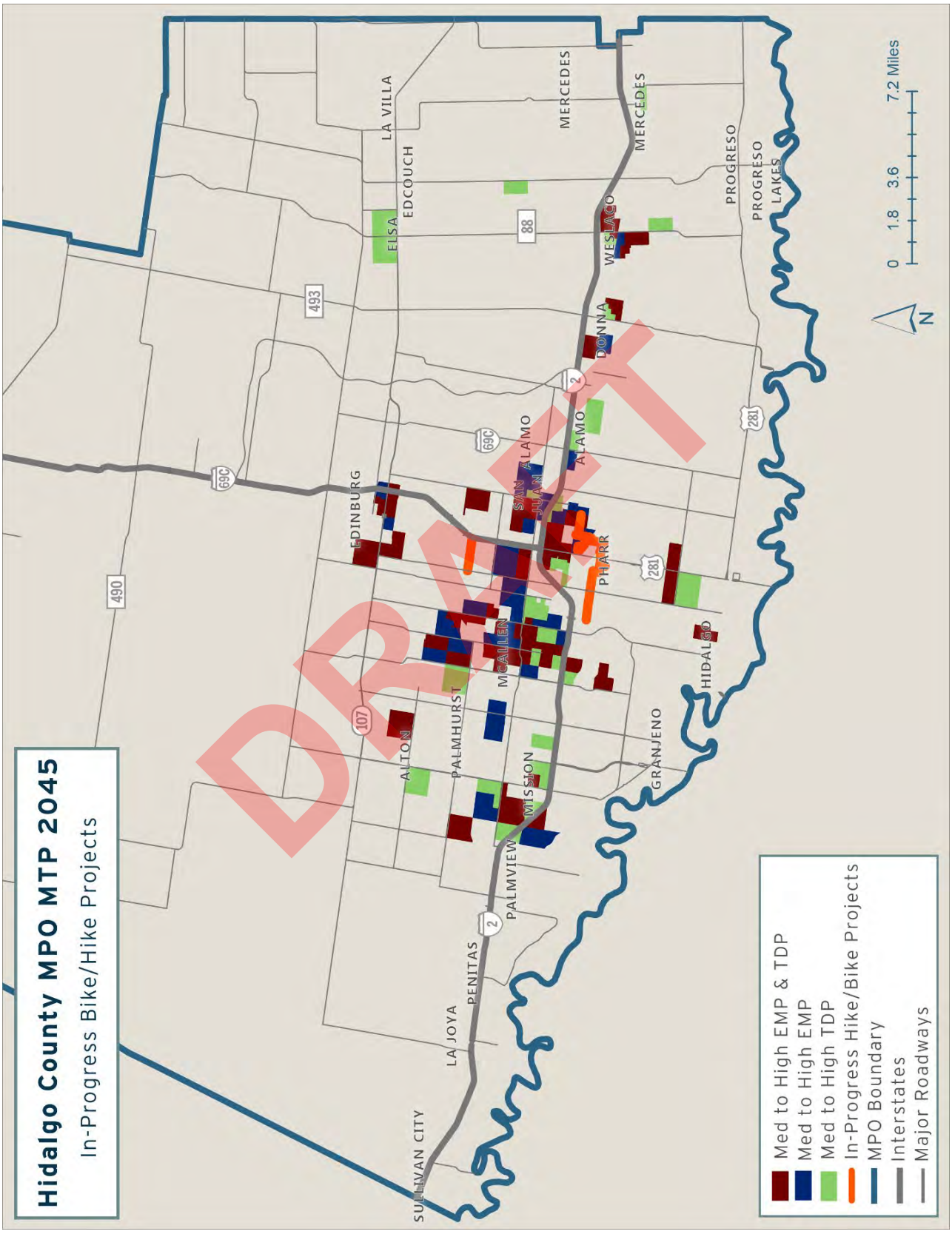
Figure 3-40 shows two of the hike/bike trail extensions that are currently in-progress, which would add almost 8 miles of shared used facilities for both bikes and pedestrians to use, detailed in **Table 3-32**.

Table 3-32: HC MPO In-Progress Bike/Ped Facilities

Facility Class	Length in Miles	Number of Segments
Hike/Bike Trail	7.9	2

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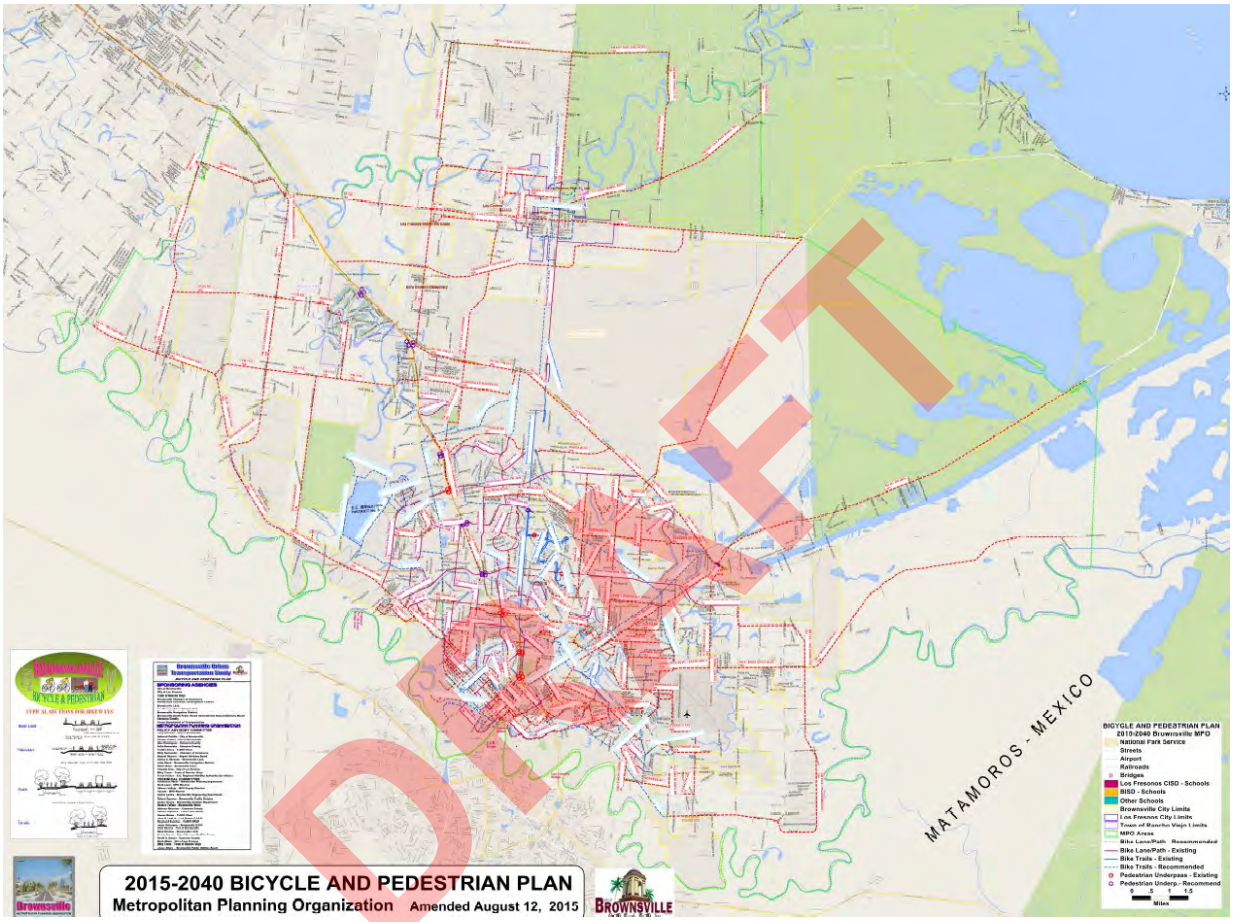
Figure 3-40: HC MPO In-Progress Bike/Ped Facilities



Brownsville MPO

The Brownsville MPO's development of bike and pedestrian plans and policies has been shaped in large measure by input of the local bicycling community. Citizen comments were helpful in the formation of the 1996 Plan, and again with the MPO's update of this plan in 2015.

Figure 3-41: Brownsville MPO Bicycle and Pedestrian Facilities



The Brownsville MPO's objectives for bicycle and pedestrian planning include the following:

- Identify the investments needed to address the needs of pedestrians and bicyclists to allow safe travel within the Brownsville urbanized area.
- Provision of safe alternatives to automobile travel allow persons to use their bikes to access work and/or school and other destinations.

Bicycling and walking opportunities support healthy lifestyles and provide safe recreation. Planning efforts in recent years have focused on establishing linkages with existing bicycle facilities and hike and bike trails. New facilities that tie into existing bicycle/pedestrian infrastructure will help this urbanized area to begin establishment of an overall network.

In Brownsville, a Master Bicycle and Pedestrian Plan for the City of Brownsville was formulated and adopted in 2013. The MPO's Bicycle & Pedestrian Plan will be updated in 2015

to account for changes due to this municipality's efforts. The MPO has allocated $142,700 in TAP funds to enable the City of Brownsville to undertake the District 3 Rapid Implementation Project. This project entails the establishment of shared lane markings and some roadways are proposed to have designated bicycle lanes.

In 2001, two municipalities were added to the Brownsville MPO planning area by the enlargement of the Metropolitan Area Boundary (MAB): (1) City of Los Fresnos, and (2) Town of Rancho Viejo. Rancho Viejo features some significant pedestrian infrastructure, such as conspicuous safety signage, striping of shoulders and an extensive path system found at the Rancho Viejo golf course. These elements make for a safe, pleasant environment for these patrons. Posted speed limits (featuring low speeds) constitute significant safety features in parts of Los Fresnos and most of Rancho Viejo.

In F.Y. 2016-2017 the MPO sponsored the Town of Rancho Viejo Bicycle and Pedestrian Master Plan. Halff Associates helped provide professional services to develop this planning document. This plan was adopted by the Rancho Viejo Board of Aldermen in October 2017.This plan established measures by which the Town may engage in successful Master Plan implementation.

This Master Plan recommendations for pedestrian improvements based on alternative street sections; and these cross-sections may be incorporated into the Town Code of this community. Some of the Master Olan recommendations, for intersections, included the following:

- Design bicycle and roadway and driveway crossing in a manner that prioritizes the right-of-way of bicyclists and pedestrians.
- Develop grade- separated bicycle/pedestrian crossings on routes that regionally link the Town to other destinations. The Master Plan featured many drawings and illustrations to guide the Town staff and officials.

The Rancho Viejo Master Plan included an implementation program to outline how to prioritize and implement active transportation projects that enhance the bicycling and walking environment throughout town.

The City of Los Fresnos will be implementing improvements with TAP funding provided by the Brownsville MPO. The City of Los Fresnos has been allocated $279,841 in MPO funds to construct the West Schools Connection Project. Sidewalk improvements will be built along the south side of S.H. 100 to facilitate safe pedestrian travel.

Also, another TAP project entitled the South FM 1847 Residential Project was allocated $178,900 in MPO funds. This will allow construction of sidewalk improvements along both sides of FM 1847 to afford pedestrian access to downtown Los Fresnos from existing residential subdivisions.

Two municipalities were added to the Brownsville MPO planning area in 2001 by the enlargement of the Metropolitan Area Boundary (MAB): (1) City of Los Fresnos, and (2) Town of Rancho Viejo. Rancho Viejo features some significant pedestrian infrastructure, such as conspicuous safety signage, striping of shoulders and an extensive path system found at the Rancho Viejo golf course. These elements make for a safe, pleasant environment for these

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patrons. Posted speed limits (featuring low speeds) constitute significant safety features in parts of Los Fresnos and most of Rancho Viejo.

The Los Fresnos C.I.S.D. completed improvements under TxDOT's Safe Routes to Schools (SRTS) program. These assets in these two small communities provide for future MPO planning opportunities, such as:

1. Future connectivity with the City of Brownsville bicycle and trail network;
2. Improved inter-agency cooperation between localities, Cameron County, and with TxDOT;
3. Improvements in bicyclists/motorist education; and
4. Sharing of cost-effective (proven) strategies and techniques.

The MPO's F.Y. 2015 work program includes funding to examine these issues.

The Brownsville Policy Committee MPO now decides which agencies will be awarded Transportation Alternatives Program (TAP) monies. A program call to member agencies was issued in late June 2014 with submittals due in late September. Based on project evaluations, the MPO Technical Committee members issued recommendations about TAP project selection for consideration by the MPO Policy Committee members.

The MPO's Bicycle & Pedestrian Plan outlines which roadways (both on-system and off-system) will receive bike paths and bike lanes, said facilities to be developed, either by TxDOT, local entities or via a cooperative effort.

The Active Plan / Caracara Trails

On Wednesday, November 16, 2016, the City of Brownsville hosted 'The Active Plan" signing ceremony at the Brownsville Museum of Fine Arts. This signing ceremony celebrates the adoption of the Active Plan by the municipalities of Brownsville, Combes, Harlingen, Laguna Vista, Los Fresnos, Los Indios, Port Isabel, Rancho Viejo, San Benito, and South Padre Island.

Renamed as "Caracara Trails', the proposal provides a strategic framework for the development and promotion of biking and walking throughout Cameron County. In addition, it is designed to provide participating municipalities with a coordinated approach to attract tourist's to Cameron County. The Caracara Trail improvements will provide active amenities to permanent residents through area-wide bicycle and pedestrian transportation investments and the development of targeted tourism development strategies.



Exhibit 3-26: Active Transportation Plan

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The country-wide plan includes a "tool-kit" that the signing municipalities will implement to develop a regional network of paths and trails that will promote active transportation in the Lower Rio Grande Valley.

Safety & Security Assessment

As part of the assessment of current conditions, a safety analysis was conducted focusing primarily on regional automobile crash trends and other safety concerns discussed by stakeholders in the HSB MPO and HC MPO regions in the planning area. This analysis illuminates existing safety concerns and past trends in the region so that proposed transportation projects can address these issues and improve the overall safety of the system for all users.

For this analysis, information from the Crash Records Information System (CRIS) data system was assessed for crashes that occurred in the RGVMPO planning area from 2014 to 2018. This assessment helped determine trends and patterns based on the characteristics of the crashes.

For the Brownsville MPO, safety/security strategies, planning elements, and considerations are discussed in detail in conjunction with previous on-going studies/workshops.

Harlingen-San Benito MPO

During the five-year period (2014 – 2018), a total of 14,569 crashes occurred in the HSB MPO planning area. The average annual total for 2014 to 2018 is 2,914 crashes per year. As shown in **Table 3-33,** 69% of the total crashes that occurred in the MPO planning area over the five-year period were within the Harlingen city limits and 17% were within the San Benito city limits. **Table 3-34** shows a comparison between five-year crashes for HSB MPO and Texas.

Table 3-33: HSB MPO Crashes by Jurisdiction

Jurisdiction	Total Number of Crashes	% of Total Crashes in MPO
City of Harlingen	10,032	68.86%
City of San Benito	2,468	16.94%
City of Combes	110	0.76%
City of La Feria	96	0.66%
City of Primera	90	0.62%
City of Rio Hondo	49	0.34%
City of Los Indios	42	0.29%
City of Rangerville	26	0.18%
City of Palm Valley	9	0.06%
City of Santa Rosa	2	0.01%
Rural Cameron County	1,644	11.28%
Total	14,569	100.00%

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Table 3-34: HSB MPO Regional & Statewide Comparison

Crash Type	HSB MPO	State of Texas	MPO's % of State Crashes
All Crashes	14,569	3,035,266	0.48%
Resulting in Fatality	74	16,676	0.44%
Resulting in Serious Injury	226	69,722	0.32%
Resulting in Ped/Bike Fatality	19	3,381	0.56%
Resulting in Ped/Bike Serious Injury	30	8,101	0.37%

Crashes by Severity

Severity characteristics of crash data represent the level of impact on the people involved in each crash. The data obtained from CRIS breaks severity down into the following categories: Killed, Suspected Serious Injury, Non-Incapacitating Injury, Not Injured, Possible Injury, and Unknown. These categories represent the most severe impact each crash experienced but do not necessarily account for all the different severity impacts that may have occurred in the same crash. For example, a crash may be assigned a severity of "Killed," but this only means that the crash resulted in at least one death, despite the possibility that other people involved in the crash may have experienced serious or minor injuries or may not have been injured at all.

Over the five-year period, a majority of the reported crashes resulted in no injuries (65%). In the 74 crashes that were marked with a severity of "Killed," a total of 77 fatalities occurred, while the 226 crashes marked with a severity of "Suspected Serious Injury" resulted in a total of 294 people suspected to have experienced a serious injury. Overall, crashes that resulted in a severity of "Killed" or "Suspected Serious Injury" made up about only about 2% of the total crashes in the region from 2014 to 2018. **Table 3-35** shows the breakdown of crashes by severity for the five-year period.

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Table 3-35: HSB MPO Crashes by Severity

Crash Severity	Number of Crashes	% of Total MPO Crashes
Killed	74	0.51%
Suspected Serious Injury	226	1.55%
Non-Incapacitating Injury	974	6.69%
Possible Injury	2,826	19.40%
Not Injured	9,477	65.05%
Unknown	992	6.81%
All Crashes	14,569	100.00%

Crashes Involving Pedestrians or Bicyclists

In the HSB MPO planning area, there were 235 crashes involving either pedestrians or bicyclists from 2014 to 2018, which equals less than 2% of the total crashes that occurred in the region over that period. Of the 235 crashes, 152 (65%) involved pedestrians and 83 (35%) involved bicyclists. In addition, 26% of crashes involving pedestrians resulted in either fatality

or suspected serious injury for the pedestrians, and 11% of crashes involving bicyclists resulted in either fatality or suspected serious injury for the bicyclists. **Table 3-36** provides a more detailed breakdown of the severity of crashes involving pedestrians or bicyclists.

Table 3-36: Crashes Resulting in Fatality or Serious Injury

Crash Severity	Crashes Involving Pedestrians		Crashes Involving Bicyclists	
Killed	16	10%	3	4%
Suspected Serious Injury	24	16%	6	7%

Hidalgo County MPO

During the five-year period (2014-2018), a total of 14,569 crashes occurred in the HC MPO planning area. The average annual total for 2014 to 2018 is 2,914 crashes per year. As shown in **Table 3-37**, 69% of the total crashes that occurred in the MPO planning area over the five-year period were within the Harlingen city limits and 17% were within the San Benito city limits. **Table 3-38** below shows a comparison between five-year crashes for HC MPO and Texas.

Table 3-37: HC MPO Crashes by Jurisdiction

Jurisdiction	Total Number of Crashes	% of Total Crashes in MPO
Alamo	2,028	2.2%
Alton	185	0.2%
Donna	1,366	1.5%
Edcouch	3	0.0%
Edinburg	11,380	12.6%
Elsa	21	0.0%
Granjeno	5	0.0%
Hidalgo	326	0.4%
La Joya	260	0.3%
La Villa	3	0.0%
McAllen	10,876	12.0%
Mercedes	587	0.6%
Mission	7,346	8.1%
Palmhurst	590	0.7%
Palmview	706	0.8%
Peñitas	491	0.5%
Pharr	9,449	10.4%
Progreso	18	0.0%
Progreso Lakes	23	0.0%
San Juan	1,921	2.1%
Sullivan City	113	0.1%
Weslaco	4,766	5.3%

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Table 3-38: HC MPO Regional & Statewide Crash Comparison

Crash Type	HC MPO	State of Texas	MPO's Percent of State Crashes
All Crashes	90,506	3,035,266	2.98%
Resulting in Fatality	303	16,676	1.82%
Resulting in Serious Injury	1,134	69,722	1.63%
Resulting in Ped/Bike Fatality	105	3,381	3.11%
Resulting in Ped/Bike Serious Injury	143	8,101	1.77%

Crashes by Severity

The same severity characteristics of crash data are used for HC MPO to represent the level of impact on the people involved in a given crash.

Over the five-year period, a majority of the reported crashes resulted in no injuries (65%). In the 74 crashes that were marked with a severity of "Killed," a total of 77 fatalities occurred, while the 226 crashes marked with a severity of "Suspected Serious Injury" resulted in a total of 294 people suspected to have experienced a serious injury. Overall, crashes that resulted in a severity of "Killed" or "Suspected Serious Injury" made up about only about 2% of the total crashes in the region from 2014 to 2018. Table 3-39 shows the breakdown of crashes by severity for the five-year period.

Table 3-39: HC MPO Crashes by Severity

Crash Severity	Number of Crashes	% of Total MPO Crashes
Killed	303	0.33%
Suspected Serious Injury	1134	1.25%
Non-Incapacitating Injury	6,650	7.35%
Possible Injury	20,489	22.64%
Not Injured	55,926	61.79%
Unknown	6,004	6.63%
All Crashes	90,506	100.00%

Crashes Involving Pedestrians or Bicyclists

In HC MPO, there were 235 crashes involving either pedestrians or bicyclists from 2014 to 2018, which equals less than 2% of the total crashes that occurred in the region over that period. Of the 235 crashes, 152 (65%) involved pedestrians and 83 (35%) involved bicyclists. In addition, 26% of crashes involving pedestrians resulted in either fatality or suspected serious injury for the pedestrians, and 11% of crashes involving bicyclists resulted in either fatality or suspected serious injury for the bicyclists.

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Table 3-40 provides a more detailed breakdown of the severity of crashes involving pedestrians or bicyclists.

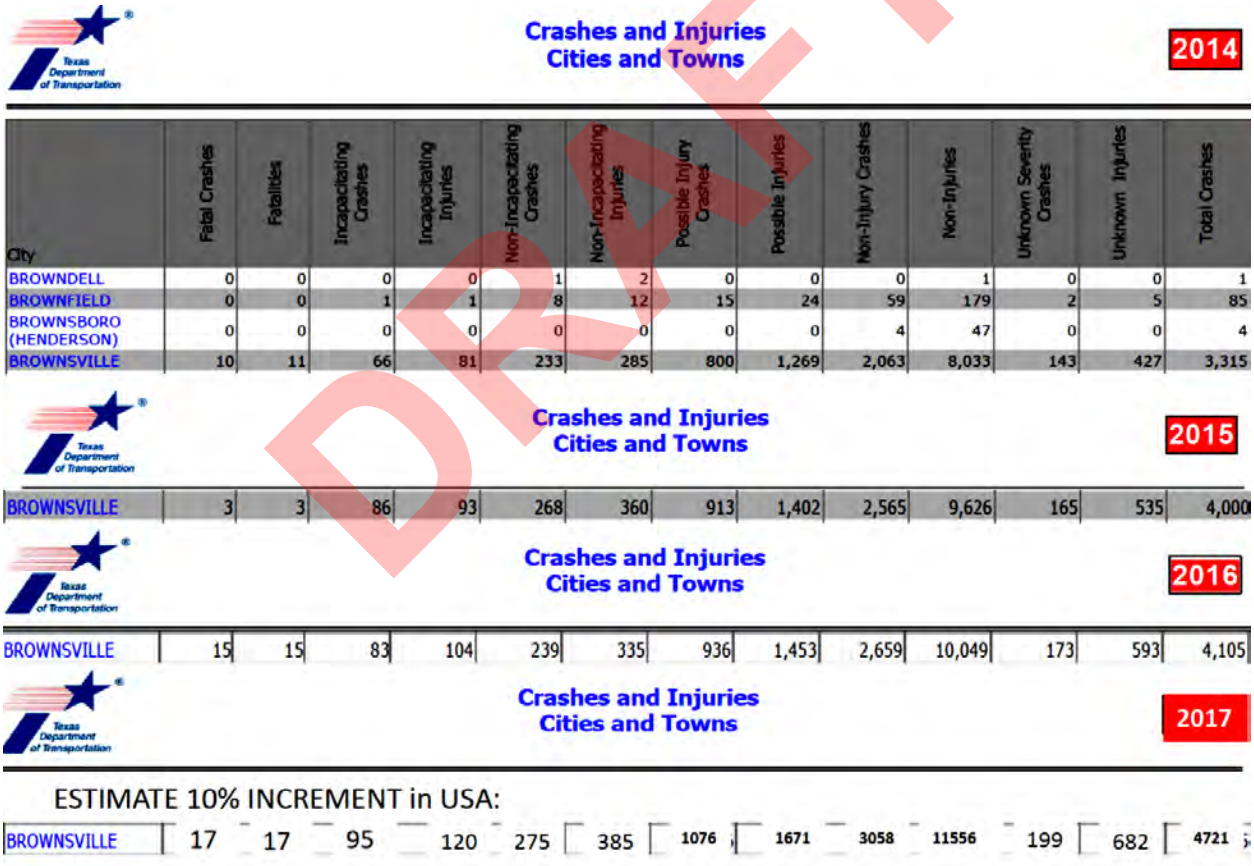
Table 3-40: HC MPO Crashes Resulting in Fatality or Serious Injury

Crash Severity	Crashes Involving Pedestrians		Crashes Involving Bicyclists	
Killed	89	36%	16	6%
Suspected Serious Injury	110	44%	33	13%

Brownsville MPO

During the four-year period (2014-2017), a total of 16,141 crashes occurred in the Brownsville MPO planning area. The average annual total for 2014 to 2017 is 4,035.25 crashes per year (Table 3-41).

Table 3-41: Brownsville MPO Crashes by Severity (2014 to 2017)



Crashes and Injuries
Cities and Towns — 2014

City	Fatal Crashes	Fatalities	Incapacitating Crashes	Incapacitating Injuries	Non-Incapacitating Crashes	Non-Incapacitating Injuries	Possible Injury Crashes	Possible Injuries	Non-Injury Crashes	Non-Injuries	Unknown Severity Crashes	Unknown Injuries	Total Crashes
BROWNDELL	0	0	0	0	1	2	0	0	0	1	0	0	1
BROWNFIELD	0	0	1	1	8	12	15	24	59	179	2	5	85
BROWNSBORO (HENDERSON)	0	0	0	0	0	0	0	0	4	47	0	0	4
BROWNSVILLE	10	11	66	81	233	285	800	1,269	2,063	8,033	143	427	3,315

Crashes and Injuries
Cities and Towns — 2015

BROWNSVILLE	3	3	86	93	268	360	913	1,402	2,565	9,626	165	535	4,000

Crashes and Injuries
Cities and Towns — 2016

BROWNSVILLE	15	15	83	104	239	335	936	1,453	2,659	10,049	173	593	4,105

Crashes and Injuries
Cities and Towns — 2017

ESTIMATE 10% INCREMENT in USA:

BROWNSVILLE	17	17	95	120	275	385	1076	1671	3058	11556	199	682	4721

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The Brownsville MPO supports the development of a safe transportation system for all users (pedestrians, bicyclists, motorists, such as private auto and trucking, as well as public transportation).

There can be many factors that contribute or help cause each crash. Excessive speed and consummation of alcohol are often factors that lead to fatal and incapacitating crashes. The MPO can play a part in community-wide public education campaigns. While these causative factors may diminish, they are unlikely to go away completely.

Bicycle fatalities have loomed as a serious problem within the City of Brownsville. Most (but not all) of these fatalities have taken place at night. Bicyclists, without lights, traveled in the dark and were hidden from view and thereby hit by motorists. Bicyclists must use lights at night. City of Brownsville staff are investigating how to proceed with public safety campaigns to address these problems. Patrons of off-road trails rarely have such accidents. MPO staff provided assistance to help get such public awareness campaigns underway. Bilingual materials can be used to raise awareness for Mexican nationals who travel in this MPO area.

MTP Safety & Security Elements

Some of the MPO's recently completed improvement projects have positive safety impacts or features incorporated within their design.



Exhibit 3-27: Barricade at IH 69E/US 77/83 Expressway in Brownsville

One of the MPO's significant achievements concerns the West Rail Project, which offers substantial safety benefits. By relocating rail operations outside of the urbanized portion of the City of Brownsville, the threats posed by rail car spills will be sharply curtailed.

The Brownsville MPO's role in developing the Safety and Security Elements of the MTP includes four policy statements or objectives, as follows:

- The Brownsville MPO supports, along with transportation partners, the development of a safe transportation system for all users (pedestrian, bicycle, private auto and trucking and public transportation).
- The Brownsville MPO will examine and consider increased transportation system security when evaluating or sponsoring funding requests for transportation improvement projects.
- The Brownsville MPO will champion or support agency coordination, training and information-sharing efforts to promote security preparedness within the MPO's planning area.
- The Brownsville MPO will seek available funding to strengthen the security of the MPO's transportation system.

State and local staff constantly consider and focus on risks associated with hurricane threats, such as flooding and/or wind damage. MPO staff have participated in Brownsville Emergency Operations Center training exercises, which simulate the arrival of hurricanes. These City of

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Brownsville exercises have served to improve evacuation planning. It should be noted that local responders (e.g. Police and Fire Department staff) fulfill most of these responsibilities.

MPO staff maintain lines of communication with officials of US Customs, Border Patrol staff and staff at other local agencies (e.g. Brownsville Police Department, City of Brownsville Traffic Division, Cameron County Sheriff's Department and the Cameron County Transportation Department) concerning security-related issues. Brownsville MPO staff work cooperatively to advance planning efforts in this area. Such contacts can lead to practices and strategies that increase the security of the transportation system for motorized and non-motorized users. Other agencies generally lead these cooperative efforts, but MPO staff reach out when the need arises.

It is worth noting the MPO's selection of two US 281 improvement projects for inclusion in the MTP. This action reflects consideration of safety as part of the MPO's MTP Evaluation Process. The US 281 roadway is presently a two lane, undivided highway. It serves as Hurricane Evacuation Route. Widening of this roadway fulfills several safety-related objectives: lowering the rate of serious accidents and establishing a better Hurricane Evacuation Route with more capacity.

MTP Project Selection & Safety Considerations

The MPO's Project Selection or Evaluation Process incorporated safety as an important criterion. In several instances, projects were selected due to the points awarded to a proposed improvement by virtue of its provision of safety benefits. In other words, those safety benefits will allow these improvements to be implemented sooner than other projects.

The MPO's priority rankings were derived from points awarded based on the following factors:

1. Local Participation (Max. 20 pts.)
2. Connectivity/Alternate Route (Max. 25 pts.)
3. Benefit/Cost Ratio (Max. 10 pts.)
4. Project Readiness (Max. 30 pts.)
5. Safety (Max. 15 pts.)

Similarly, the MPO's TAP Project Selection/Evaluation Process also incorporated safety as part of the MPO's selections/priority rankings. MPO staff have not received any news concerning the State of Texas Strategic Highway Safety Plan, due to parties waiting on federal rulemaking.

Establishment of an IH 69E Overpass (at Northbound Frontage Road)

About six years ago, a bicyclist was struck by a vehicle and killed on the US 77/83 Expressway, while riding his bicycle at night. One of the problematic issues in this area of Brownsville involves bicycle access to and from the SportsPark complex.

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Due to the presence of the Union Pacific Railroad Company's rail line, a barricade has been placed on both Expressway frontage roads, a short distance south of this recreational site. Thus, bicyclists seeking to travel to and from the park, are faced with making a 10-mile detour.

Even though it is prohibited, some bicyclists have chosen to ride on the Expressway facility, instead of diverting east or west, due to the distances involved in such detours. This MPO Long Range Plan has identified and includes overpass improvements to solve this problem. Construction of an overpass at the northbound frontage road is needed to address another serious problem. Accidents on the main lanes of the Expressway can block all lanes until wrecker trucks arrive to clear the damaged vehicles.

Specifically, establishment of an overpass at the northbound IH 69E (US 77/83) frontage road location is a viable solution to the public safety issues posed by blockage of the frontage road. The overpass structure would be designed to accommodate one travel lane for motorists and space for two-way bicycle traffic. Of course, pedestrians could utilize the shared use path as well. Provision of a travel lane for motorists solves potential blockage of all lanes due to an accident on the IH 69E facility.

TxDOT staff have numerous duties to perform to allow Emergency (Hurricane) Evacuations for motorists going northward when serious storms approach the RGV from the Gulf of Mexico. One duty, among hundreds of tasks, is the removal of this barrier to afford more roadway capacity. In past storms, this barrier was not removed. Establishment of an overpass at this location would remedy this problem.

In addition, an overpass is required to address other serious issues. The extra travel lane would afford safe passage to the north. Currently, when a serious accident occurs on the IH 69E main lanes, local police usually divert traffic onto the frontage road. The frontage road accommodates traffic flow until the damaged vehicles involved in the accident can be cleared by wreckers, which allows restoration of traffic flow on the Expressway facility. With this barrier in place, north of the frontage intersection with Old Alice and Stillman Roads, local police have no recourse of utilizing the frontage road as a relief route. If a remaining travel lane is open, then the police will use that open lane on IH 69E to allow some vehicles to pass through. If all lanes are blocked, then all traffic is stuck.

This type of blockage poses serious public safety issues in Brownsville. Fire trucks and EMS (ambulances) can be blocked from responding to distress calls. No emergency events have taken place wherein emergency vehicles headed north were completely blocked due to closure of IH 69 travel lanes. However, residential development is about to bloom in this area, east of IH 69, opposite the Town of Rancho Viejo. This area will indeed develop. It will support thousands of new residents, especially when one considers that construction will soon begin for the realignment of FM 803. FM 803 is proposed to connect to IH 69E a few miles north of this rail line.

The Brownsville community needs to make plans to secure adequate infrastructure for the IH 69 corridor. Without this overpass being put into service, the local police and fire departments could be hindered in responding to fires, accidents and other public safety issues.

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This MTP document lists this Overpass Improvement Project as being funded via use of Category 12 funds.

Cameron County Hazardous Cargo Route Study

The Brownsville and HSB MPOs, in collaboration with area stakeholders, conducted a hazardous cargo route study in order to develop a set of non-radioactive hazardous materials (NRHM) routes for Cameron County. The Cameron County Hazardous Cargo Route Study selected NRHM routes that minimize the potential for hazardous materials incidents and minimize the consequences to the residents of Cameron County should an incident occur.

The methodology used mirrors the process approved by the Federal Highway Administration (FHWA). The standards and evaluation factors included in this methodology are shown in the diagram below.

Standards

- Enhancement of Safety
- Public Participation
- Consultation with Others
- Through Highway Routing
- Burden on Commerce
- Reasonable Routes to Terminals and
- Other Facilities
- Reasonable Time to Reach Agreement
- Between Affected States or Indian Tribes
- Timely Responsibility for Local Compliance

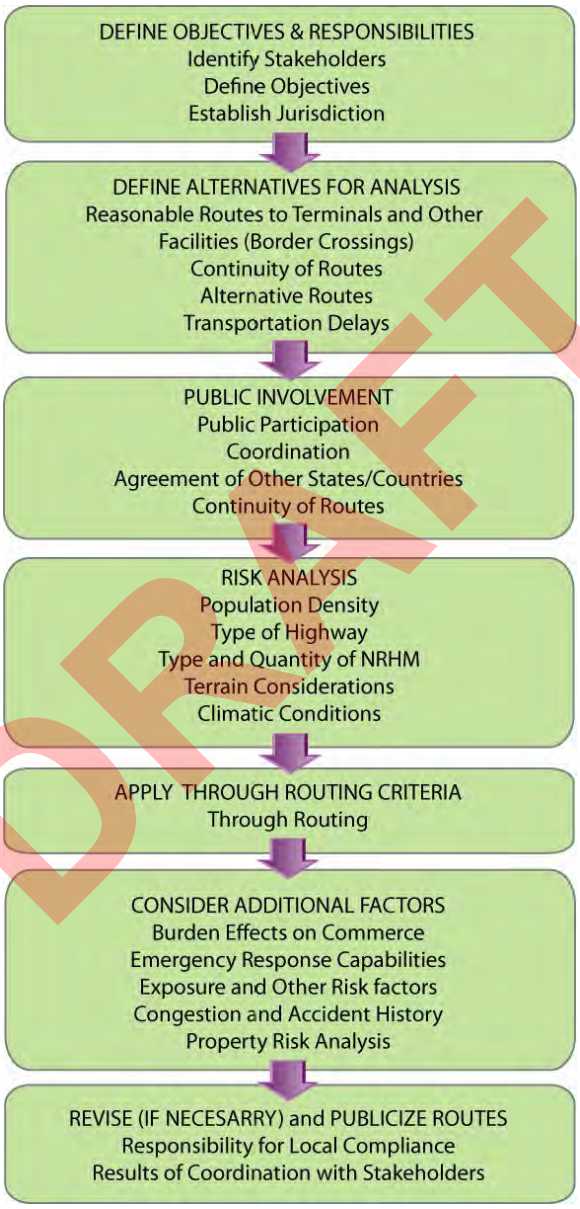
Factors

- Population Density
- Type of Highway
- Types and Quantities of Non-Radioactive
- Hazardous Material (NRHM)
- Emergency Response Capabilities
- Results of Consultation
- Exposure and Other Risk Factors
- Terrain Considerations
- Continuity of Routes
- Effects on Commerce
- Alternative Routes
- Delays in Transportation
- Climatic Conditions
- Congestion and Accident History

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Factors of Interest to the Community

- Exposure and Other Risk Factors (i.e., Special Populations, Sensitive Environments)
- Emergency Response Capabilities
- Burden on Commerce
- Congestion/Transportation Delays
- Property Risk



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The route selection decision-making was explained in the report adopted by the Brownsville and HSB MPOs. Prior to adoption of the route recommendations, the regulation requires that the route be made available for public comment and, when determined appropriate, that a public hearing be held to receive comments.

F.Y. 2014 Brownsville MPO-FHWA Safety Workshop

MPO staff enlisted help from FHWA-Texas Division staff person, David Morris, to sponsor a Brownsville Area Safety Workshop. Although staff from various municipalities, as well as County staff, were invited to participate, most of the participants represented various City of Brownsville Departments, including the Brownsville Planning Department, Brownsville Engineering Department, Brownsville Traffic Department and the Brownsville Fire Department. This workshop was held in the 3rd floor Conference Room of the Brownsville Planning Department, 1150 E Adams Street.

Mr. Morris, FHWA Safety Specialist, outlined various safety strategies and tools that had been employed successfully in other communities. The roundtable discussions heavily focused on bicycle planning issues and Brownsville bicycle operations. All sorts of problem areas were analyzed and discussed by those present, including MPO staff. Mr. Morris suggested that the future involvement and enlistment of "champions" within (future) safety workgroups is a critical step in making progress on safety, especially helpful is input from persons in the private sector.

Freight Assessment



Exhibit 3-28: The IH 2 – IH 69E Junction is a critical piece of the HSB MPO freight network

Transportation systems not only move people throughout a region, but also support the movement of goods in the form of freight, which is an important component of the RGVMPO planning area's economy and quality of life. For a freight system to perform well, delays along the transportation system should be minimized and traffic should be predictable. The impacts of a regional system which allows freight to travel efficiently include improved mobility (as freight trucks are a major source of traffic) and improved economic vitality. The RGVMPO 2045 MTP considers not only the freight roadway network but also intermodal facilities as both play an integral role in freight movement in and out of the MPO planning area.

The RGVMPO (for the HSB and HC MPO planning areas) regional freight network is based on a combination of freight networks established by FHWA and TxDOT. Using the regional TDM network, the RGVMPO freight analysis focused on the amount of traffic congestion occurring along this locally defined freight network to better understand where existing and future issues impacting freight flow may occur. The Brownsville MPO section discusses current plans and strategies for the planning area's freight network, as well as intermodal facilities present in the region.

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Harlingen-San Benito MPO

Existing Freight Assets

Figure 3-42 identifies the defined freight network as well as intermodal facilities (i.e. railroads and airports) located in the HSB MPO area. Harlingen's relatively large size and central location make it the focal point of the area's freight network. Accordingly, the HSB MPO contains three main highways; IH 2 which runs east to west through the HSB MPO area and provides connectivity to the rest of the RGV; IH 69E which begins in the southwest LRGV region near Brownsville and extends through the HSB MPO area, intersecting IH 2, and running north into Willacy County providing the area connectivity to Corpus Christi and other major cities such as Houston and San Antonio; and US 281 which connects the Los Indios International Bridge to surrounding International Bridges found in the RGV (Brownsville/Matamoros, Gateway, and Veterans) running somewhat parallel to the United States – Mexico border. Connecting these major roadways are other state roads that create the framework for a cohesive network that fosters high volumes of freight traffic.

Intermodal Facilities

Due to the HSB MPO's proximity to both the United States – Mexico border and the Gulf of Mexico, several important intermodal facilities are located within the MPO planning area (**Figure 3-42**). Further, Cameron County (which contains the HSB MPO) contains one of the largest foreign trade zones in the United States (Foreign Trade Zone #62) which adds to the relevance to freight in the region. The zone includes the Valley International Airport and Harlingen Industrial park and does not require the "usual formal Customs and Border Patrol (CBP) entry procedures and payments of duties on foreign merchandise", in turn incentivizing more trade and freight movement within the MPO planning area.[1]

Valley International Airport (VIA) is currently the largest airport in the RGV and is home to several of the nation's most prominent cargo carriers, including but not limited to FedEx, Southwest Air Cargo, DB Schenker, DHL, and Continental Airlines Cargo.[2]

The Port of Harlingen serves as another major intermodal facility in the MPO planning area as it allows for freight to be received or



Exhibit 3-4: IH 2 Freight Connection in Harlingen

[1] Source: U.S. Customs and Border Protection; *About Foreign-Trade Zones and Contact info – An Introduction to Foreign-Trade Zones;* https://www.cbp.gov/border-security/ports-entry/cargo-security/cargo-control/foreign-trade-zones/about

[2] Source: Harlingen Economic Development Corporation; *Harlingen: Easy Access with Quality Infrastructure – Air Cargo Hub and International Airport;* https://harlingenedc.com/economic-development/infrastracture/transportation/

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efficiently shipped out of the LRGV via the Arroyo Colorado to the Gulf of Mexico. This allows for freight connections between coastal regions of the southern United States, as well as connections all the way north the Great Lakes.[3]

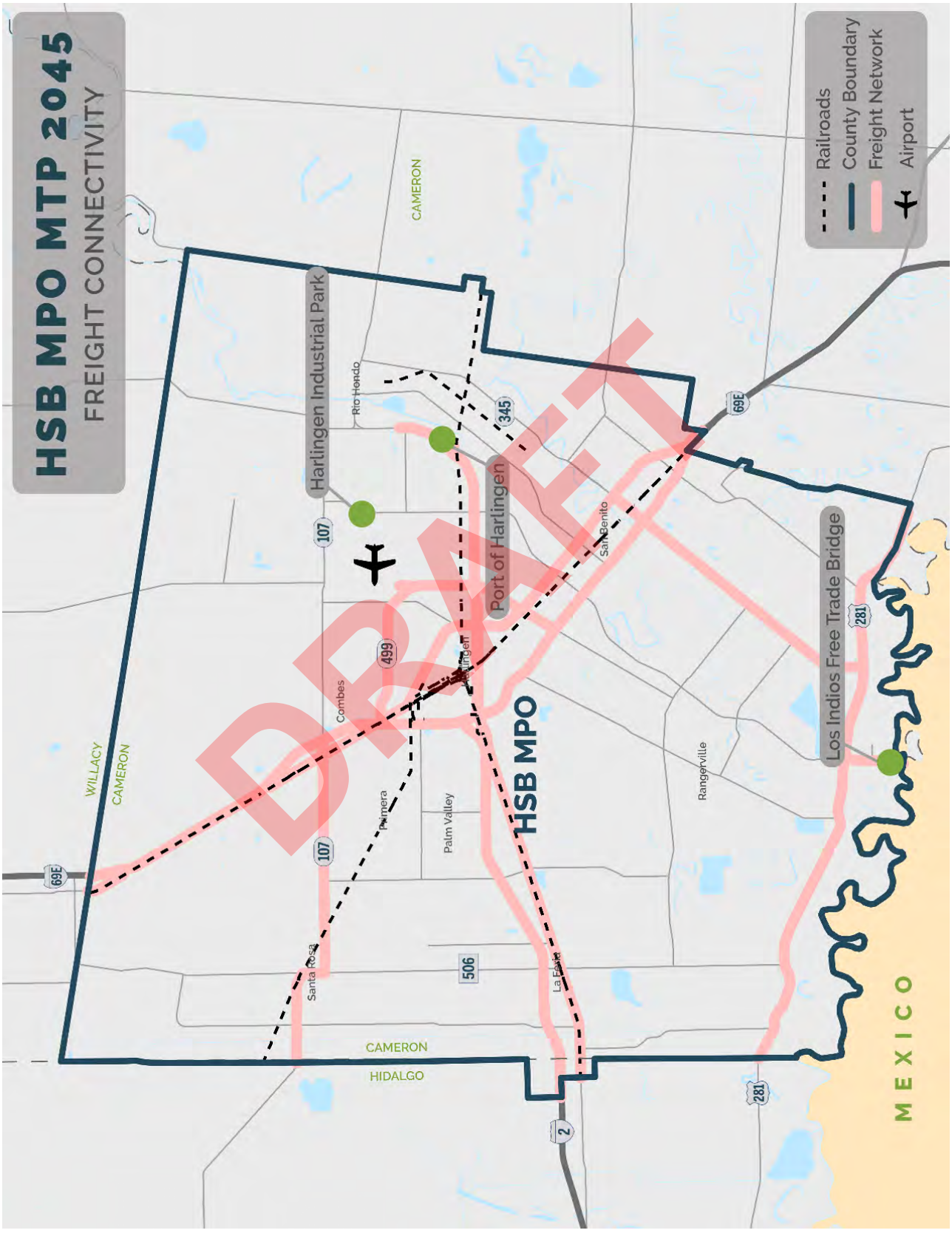
Union Pacific (UP) Freight and the Rio Valley Switching Company (RVSC) add to the HSB MPO's intermodal facilities, as both help to connect the movement of goods between roadway, airport, and port infrastructure. The two companies work together to connect the rail line found within the MPO planning area. Several motor freight carriers have local terminals Harlingen to receive freight and include carriers such as FedEx Freight and UPS Freight.[4]

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[3] Source: Harlingen Economic Development Corporation; *Harlingen: Easy Access with Quality Infrastructure – Port of Harlingen and Port of Brownsville;* https://harlingenedc.com/economic-development/infrastracture/transportation/

[4] Source: Harlingen Economic Development Corporation; *Harlingen: Easy Access with Quality Infrastructure – Direct Rail Access Keeps Cargo Flowing Through Harlingen;* https://harlingenedc.com/economic-development/infrastracture/transportation/

Figure 3-42: HSB MPO Existing Freight Assets & Freight Connectivity



Freight Roadway Network Congestion Analysis

Like the roadway analysis, the HSB MPO freight analysis uses a subset of the Texas Statewide Travel Demand Model (TDM) that represents the MPO planning area roadway network. Existing conditions (2014) and forecast year (2040) runs remain the same, however, are specific to the defined freight network for the analysis.

Existing Congestion Trends

Figure 3-43 shows existing levels of congestion experienced on the HSB MPO freight network. Many of the MPO planning area's major arterials experience minimal to moderate levels of congestion, however concentrations of heavy congestion can be seen scattered throughout the area.

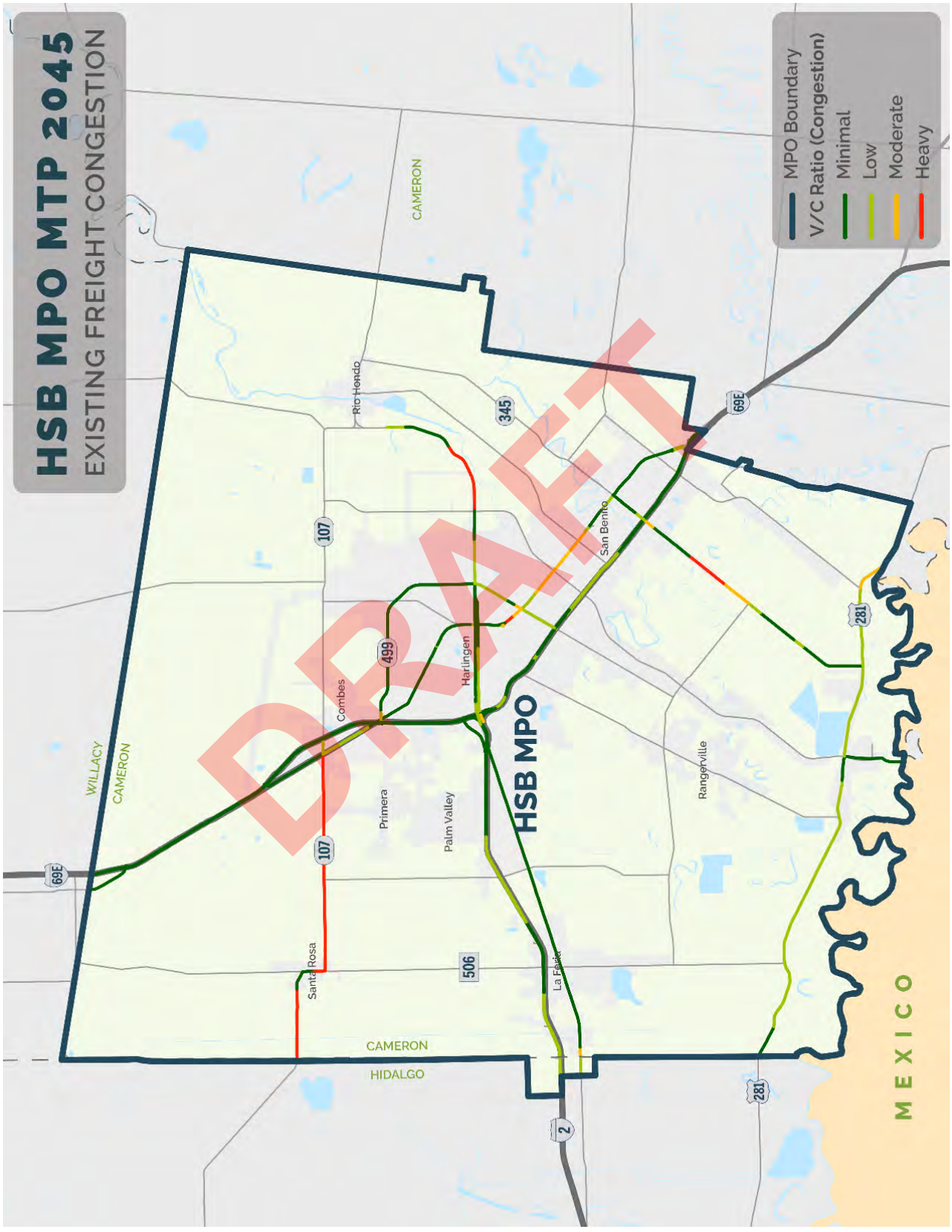
Table 3-42 provides specific information on the most congested segments in the MPO planning area for the year 2014. Consideration should be given to the level of congestion as well as the length and total volume of vehicle traffic in each segment.

Table 3-42: HSB MPO Existing Freight Congestion

Road Name	Limits	VHT	VMT	VC Ratio
SH 107	FM 1425 to IH 69E	115	5,305	1.02
Business 77	S Commerce St to W Stenger St	114	4,221	0.76
US Hwy 281	FM 2556 to FM 1577	257	14,136	0.66
I-2	Beddoes Rd to Atlas Palms Rd	90	4,118	0.66
FM 106	FM 509 to W Colorado Ave	100	4,575	0.65
Tyler Ave & W Harrison Ave	IH 69E to S 6th St	135	5,926	0.65

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Figure 3-43: HSB MPO Existing Freight Congestion



Future Congestion Trends

Figure 3-44 identifies the congestion along freight routes in the 2040 forecast year in the no-build scenario. Comparing this map to **Figure 3-43** illustrates the dramatic increase in congestion that is expected over the coming two decades. While many of the same areas will remain congested, relatively speaking, the severity of congestion is expected to increase dramatically.

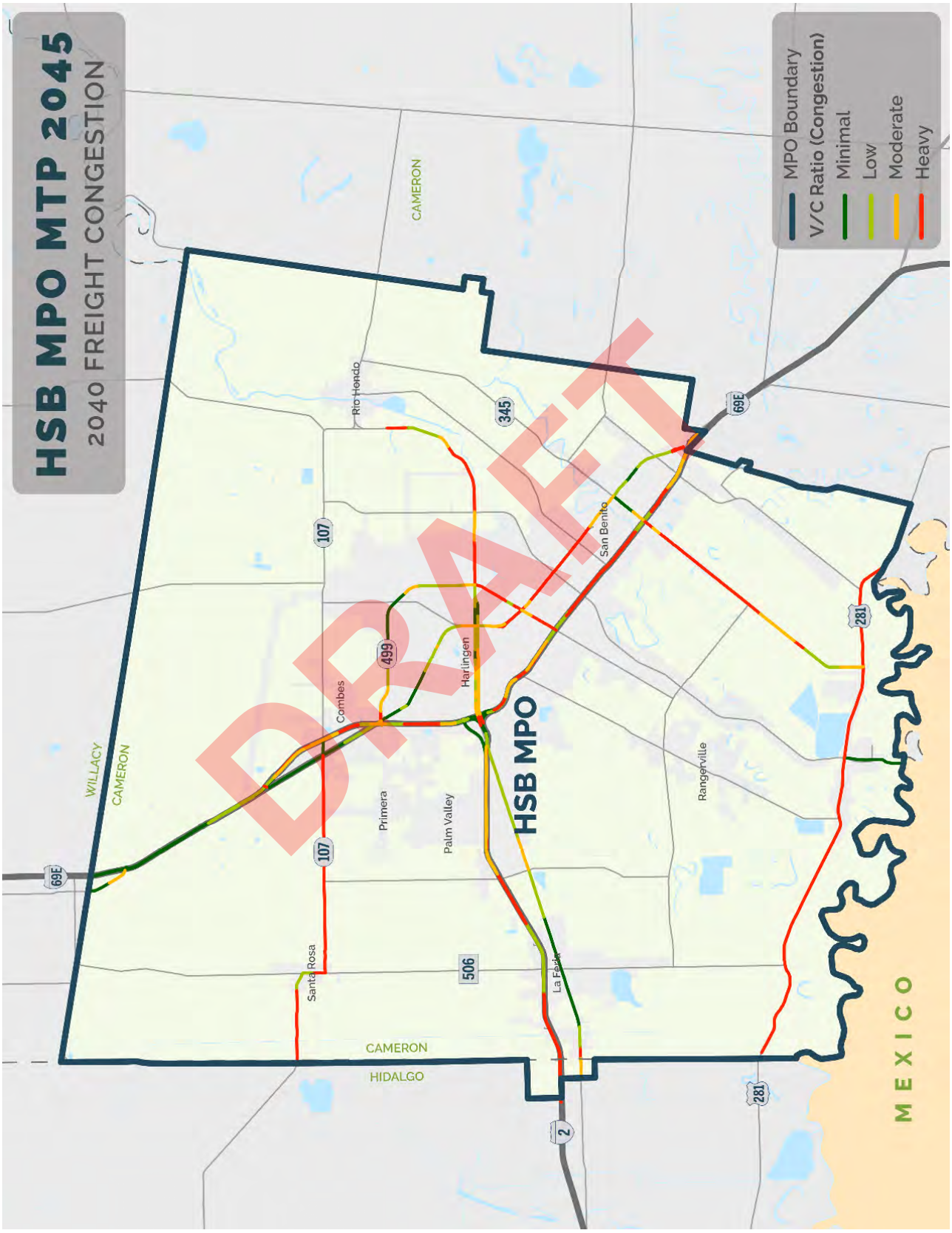
Table 3-43 provides the details on the most congested segments found on the HSB MPO freight network. Many of the segments are consistent between years, but a comparison of the two tables highlights the general increase in congestion severity between the 2014 and 2040 models.

Table 3-43: HSB MPO Future Congestion Hot Spots 2040

Road Name	Limits	VHT	VMT	VC Ratio
SH 107	FM 1425 to IH 69E	291	11,330	1.38
Business 77	S Commerce St to W Stenger St	249	9,724	1.27
US Hwy 281	FM 2556 to FM 1577	169	6,239	1.21
FM 2520	Espinosa Rd to US 77	624	23,924	1.09
FM 106	N Loop 499 to Cemetery Rd	160	5,936	1.09
I-69E	S Ed Carey Dr to S Sam Houston Blvd	494	25,046	1.02

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Figure 3-44: HSB MPO Future Freight Congestion



Hidalgo County MPO

Freight Assets

While Hidalgo County's current freight transportation network is made up roadways, railroads, airports, and intermodal facilities, consideration should also be given to facilities that generate and attract freight traffic. Examples of these facilities are industrial parks and truck stops. In addition to examining how freight moves through the MPO planning area, this analysis will also consider where freight is moving within Hidalgo County.

Due to its close proximity to the border, the McAllen-Miller International Airport has observed a 19% increase in Mexican cargo and shipments through its facility within the last year. This increase is expected to continue well into 2040 and be generated by the maquiladora industries and energy sector. Approximately 80% of current cargo is related, in some form, to finished auto products. Of the total related to auto products, approximately 75% of the cargo moved was to replenish just-in-time inventories. Freight movement through the airport is expected to continue, especially when the Burgos Basin, a portion of the Eagle Ford Shale crossing into Mexico, begins to move crude oil between the two nations.

Figure 3-45 shows the location of freight generating facilities and highlights the area's existing freight network.

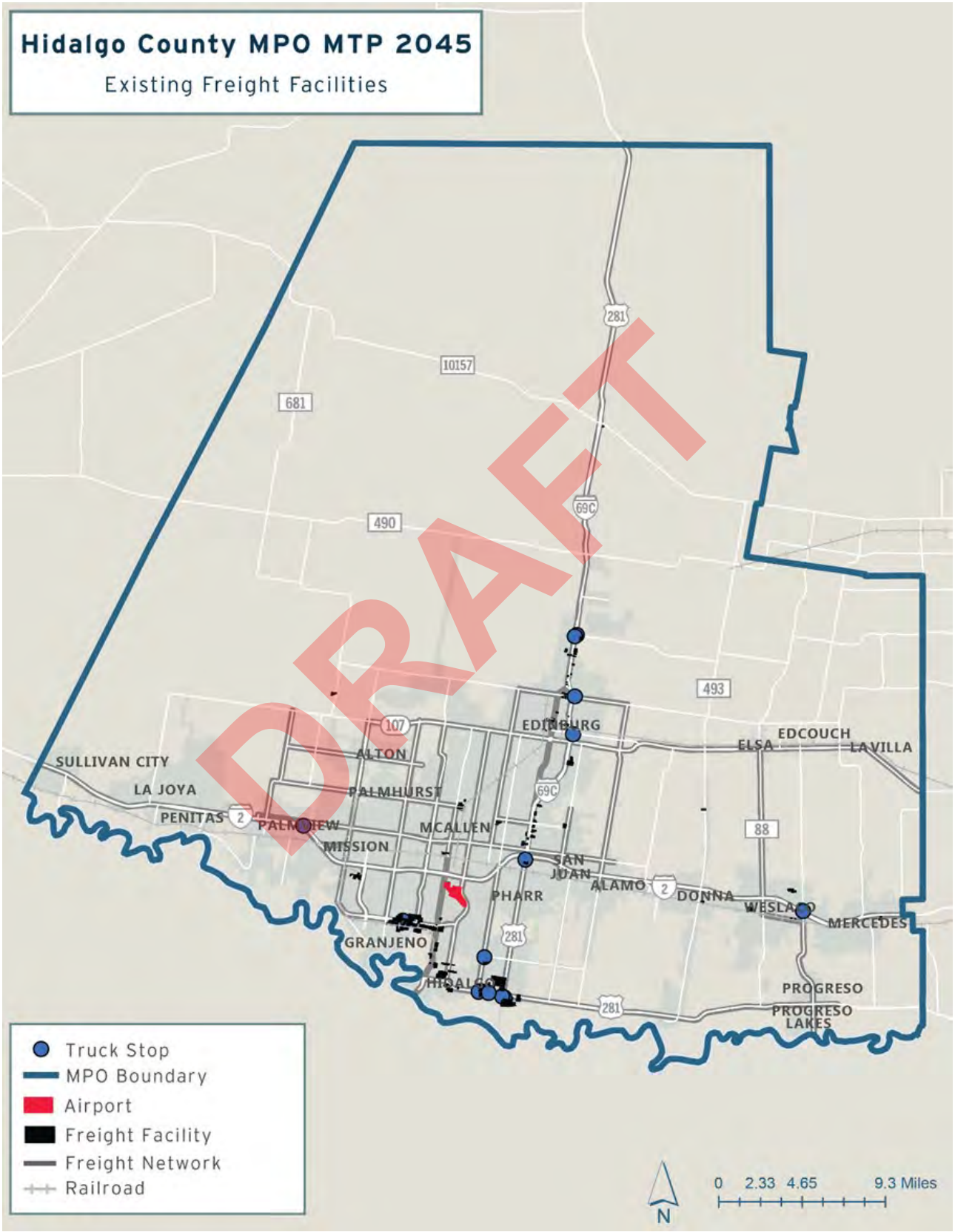
Truck Routes

The majority of cities in Hidalgo County have designated truck routes, which separate commercial traffic from non-commercial traffic. These truck routes consist of major transportation corridors and major arterials, as well as some local streets that provide access and connections to intermodal and industrial facilities within the area. The HC MPO has collected designated truck route data from several cities. A "Preferred County Truck Routes" plan will be created based on the collected data. The plan will improve connectivity through and between cities in Hidalgo County.

Hidalgo County's current freight transportation network is made up roadways, railroads, airports, and intermodal facilities. Consideration should also be given, however, to facilities that generate and attract freight traffic. Examples of these facilities are industrial parks and truck stops. In addition to examining how freight moves through the MPO planning area, this analysis will also consider where freight is moving within Hidalgo County. **Figure 3-45** shows the location of freight generating facilities and highlights the area's existing freight network.

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Figure 3-45: HC MPO Existing Freight Assets & Freight Connectivity



Existing & Future Congestion Trends

Much like the roadway study, this analysis uses travel demand modeling to examine congestion on roadways included in the TxDOT freight network. Through this, the most problematic segments of the network can be identified based on average expected congestion. Estimated congestion levels are derived from the relationship between traffic volume and roadway capacity. Segments that see a volume of vehicles above or near their capacity are deemed high-congestion segments, while areas with lower relative volume are considered to have light congestion. **Figure 3-46** shows the location and congestion levels of segments within Hidalgo County's freight network.

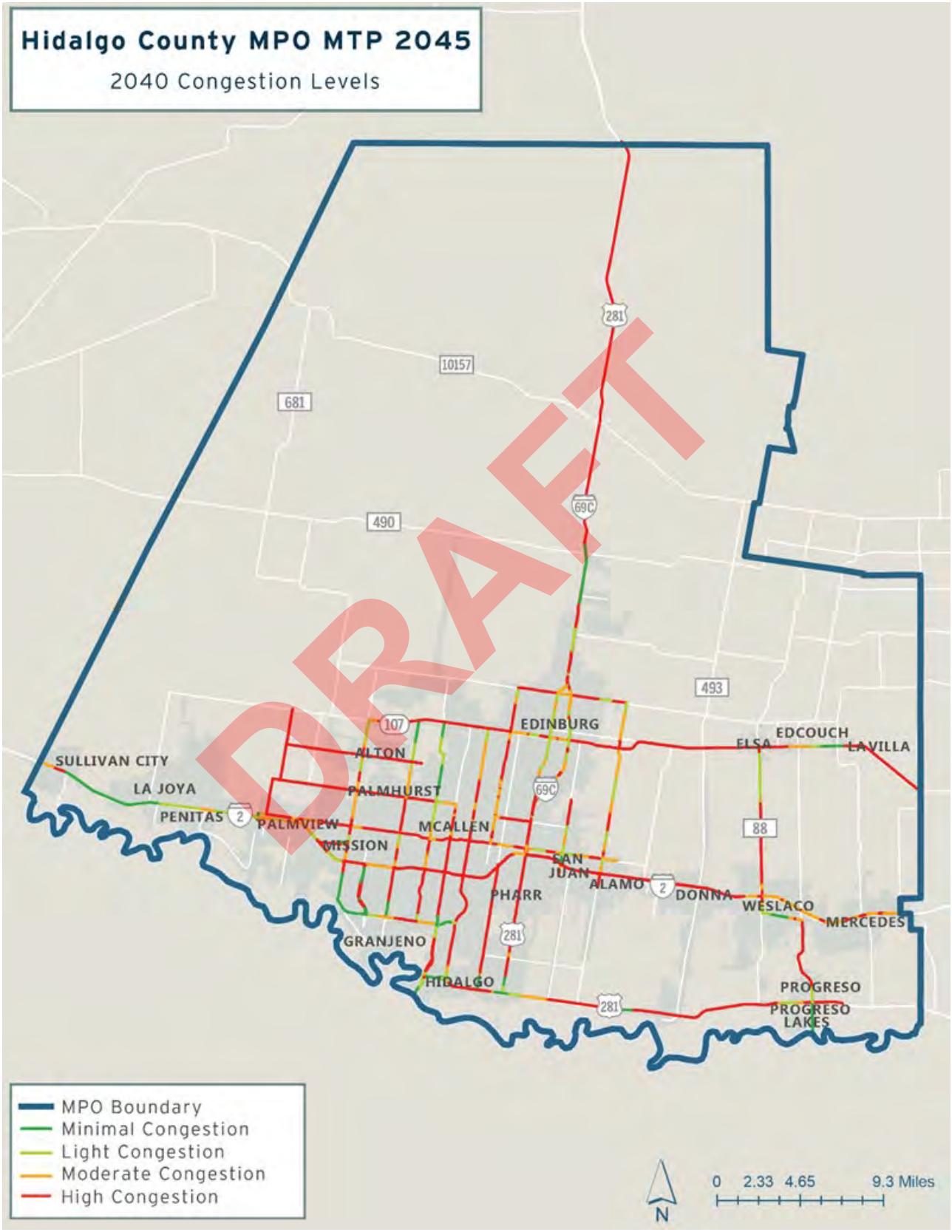
In the same vein as the 2014 freight network roadway analysis, the 2040 model focuses on the relationship between traffic volume and roadway capacity. The model accounted for changes to the roadway network that are already committed or underway, but all else remained the same. This means that the 2040 model profiles expected congestion if no changes are made in the region's transportation system before the year of analysis. **Figure 3-47** shows the location and congestion levels of segments within Hidalgo County's freight network in 2040 in a "no-build" scenario.

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Figure 3-46: HC MPO Existing Freight Congestion



Figure 3-47: HC MPO Future Freight Congestion



Brownsville MPO

Much attention has been given to use of the Port of Brownsville and Mexico as a viable "land bridge" to Asia. This could offer significant travel time savings for the movement of goods from China and other Pacific Rim locations to destinations in the mid-west and eastern United States.

To receive the benefits associated with this scenario requires the development of top-quality transportation infrastructure in Mexico and South Texas. MPO investments are listed in the MTP to address the border trade infrastructure needs, and this includes the East Loop project. Preliminary engineering work for the East Loop is listed in this MTP. Construction of the East Loop is shown on the MTP's Illustrative List as an "Unfunded" Project.

International Trade & Regional Economic Growth

International trade and movement of cargoes at/near the border is linked to job growth in Cameron County. Most of the area truck traffic occurs in the eastern quadrant of the City of Brownsville with many warehouses located along SH 48 (South Padre Island Highway). Other warehouses are found on Coffee Port Road and some on Billy Mitchell Boulevard (FM 2519) near the Brownsville/South Padre Island International Airport. The establishment of SH 32, or the East Loop, will open up new areas for commercial and industrial development, to the east of the airport and south of the Port of Brownsville.

Cameron County is strongly impacted by its proximity to Mexico. Measured by cargo value, the majority of the total trans-border cargo crossing the border at the Brownsville Port of Entry is moved via trucks, with a much smaller share moved by rail.

The local community bears the burden on maintaining local roadways that are impacted by this truck traffic. Local governments are seeking to encourage the provision of value-added services within this county, to capture more of the wealth associated with these trade flows.

In 2011, about 82% of trade by value was transported by truck. About 13.3% was moved by rail and roughly 4% was moved by other means (such as pipeline). Trucks transport higher-value goods, such as finished products.

The proposed lengthening of the main runway at the Brownsville/South Padre Island International Airport to 12,000 feet could transform the air freight operations in Cameron County. When this is accomplished, it will likely revise these mode share percentages.

The Brownsville MPO has supported development of SH 32 (East Loop) for several reasons. It will cut travel times to and from the Port of Brownsville, where most of the Mexican deliveries (cargoes) originate or are destined. Also, the East Loop will constitute a safer route for such cargoes. Several schools are located on SH 4 and the new route (SH 32) will avoid these locations.

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East Loop



Exhibit 3-5: Port of Brownsville Channel for LNG

The City of Brownville funded the first alignment study for the East Loop in 1985. Subsequently, the City and the County have partnered to advance this project.

The East Loop will connect the Veteran's International Bridge with Port of Brownsville. Establishment of this arterial at a new location will relieve congestion problems on the current route, which is SH 48.

The Cameron County Regional Mobility Authority (CCRMA) is developing transportation infrastructure additions, such as the East Loop, to increase safety for the entire region. The East Loop Corridor is one of the several projects that will integrate regional planning, and augment safety to develop a world-class transportation system in Cameron County.

By combining various funding options, the CCRMA is able to support growth in the community and increase safer travel by building needed infrastructure faster. This new East Loop Corridor will support improved mobility for freight operations.

The new East Loop will provide a greater international access from Mexico, including Monterrey via MEX-2 the Port of Brownsville. Along with this feature it will maximize access to the existing Veterans International Bridge crossing from Brownsville to Matamoros.

In addition, local and regional police, fire and EMS services will benefit from safer conditions in the SH 48 corridor. The current overweight truck corridor on SH 48 poses many problems. The East Loop will be designed to serve as the new overweight truck corridor.

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East Loop Safety & Efficiency

Once established, the East Loop eliminates 17 stops and 6 school zones. It will significantly improve air quality in the affected areas. Eliminating these school crossings, 6 in total, will highly improve the safety for our children. As an added benefit, relocation of truck traffic will also reduce congestion on IH 69E/SH 48 and the time of travel to and from the Port will be reduced.

Formation of an RGV Freight Plan

The first meeting of the RGV Freight Plan Advisory Committee is set for some time in October 2019. Casey Wells at TxDOT is organizing this "kick-off" meeting which will be held somewhere in the Rio Grande Valley.

The Brownsville MPO will cease operations a few weeks before this meeting, on which is September 30th. Nonetheless, Brownsville MPO staff will encourage area stakeholders, such as the Port of Brownsville, to participate in this meeting and attend subsequent gatherings.

Port of Brownsville Deepens its Channel for LNG Terminal

Companies investing in the RGV anticipate high demand for workers that may exceed 9,000 jobs, according to seven large employers attending a Workforce Summit held April 23 at the Port of Brownsville.

Initial demand will be driven by three proposed liquefied natural gas (LNG) plants. The companies are set to receive their Federal Energy Regulatory Commission permits and commence construction within the next three years. During the construction phase these companies estimate a need for more than 6,000 workers alone.

Two current companies at the Port of Brownsville, along with two other potential tenants, listed the need for an additional 3,000 workers in several full-time and temporary positions.

"It's a fantastic opportunity for our workforce. The jobs are going to be plentiful, they're going to pay well, but we need to educate and train our current workforce to take those jobs that are going to become available," said Pat Hobbs, Executive Director of Workforce Solutions Cameron County.

Expected Job Influx at Port

BROWNSVILLE, Texas (June 18, 2019) – The Port of Brownsville is closer to deepening the Brownsville Ship Channel after receiving a key permit June 6 from the U.S. Army Corps of Engineers (USACE) to advance the Brazos Island Harbor Channel Improvement Project (BIH) to its construction phase.



Exhibit 3-6: Port of Brownsville Ship Channel

The USACE permit is the latest milestone in the port's effort to deepen the ship channel from 42 feet to 52 feet, resulting in significant navigational safety improvements for commercial shipping in South Texas.

"Today we find ourselves on the verge of a new economic era for the Rio Grande Valley and the channel deepening is essential for our continued progress and success," said John Reed, Brownsville Navigation District Chairman. "These crucial infrastructure projects solidify our presence in the global market and create better economic opportunities for our local workforce."

South Port Connector

The Brownsville Navigation District and the Cameron County RMA agreed to cooperate on development of the South Port Connector. This roadway will serve to connect the Port to SH 4 and the East Loop. Letting of these improvements is expected next year.

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The TxDOT map below depicts a portion of the proposed alignment of the East Loop. At SH 4, the South Port Connector will serve to complete this truck corridor and provide access to the docks at the Port of Brownsville.

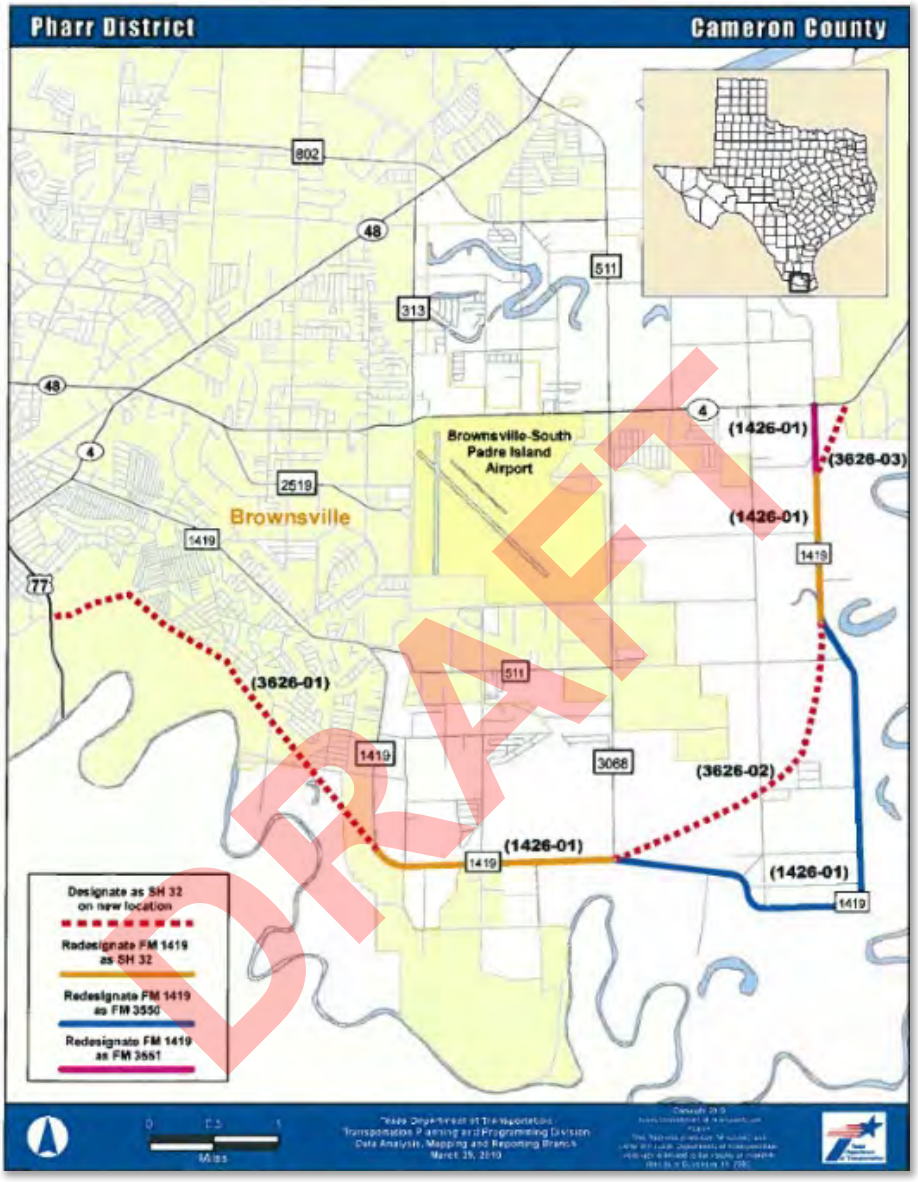


Exhibit 3-7: Brownsville Navigation District

Air Cargo

Reduction of tariffs and other trade barriers under NAFTA has served to increase US-Mexico trade in Brownsville. The potential for growth of air cargo at the Brownsville-South Padre Island International Airport is tied to the growth and movement of US-Mexico trade through Brownsville and the RGV. Most of the air cargo transported via the airport involves goods moving to or from maquiladora plants located in Matamoros or Reynosa, across the Rio

Grande. Parts, and other components used to assemble a finished product, are shipped via air cargo to facilitate "just-in-time" arrivals on both sides of the border.

Railroads

The Union Pacific Railroad Company provides rail service to Brownsville, to the Port of Brownsville, and a linkage to the Republic of Mexico via the B&M Bridge. Soon, the West Rail will serve as a new linkage to Mexico for rail service. The Port of Brownsville has its own railroad—the Brownsville Rio Grande International Railroad.

This railroad, under an agreement with the Union Pacific, provides service to various customers along the Port Lead line. Matamoros, in the State of Tamaulipas, is served by one Mexican railroad, Transportes Ferrocarriles Mexicano (TFM).

The completion of the Brownsville Railroad Relocation Program brought welcome relief from congestion problems that existed due to rail switching operations.

The introduction of a barrier at the IH 69E/US 77/83 frontage roads south of Merryman Road has presented problems for bicyclists seeking to go to the Brownsville Sports Park. City of Brownsville staff, in cooperation with TxDOT staff, are investigating the possible establishment of a new overpass at this location for both motorists and bicyclists and pedestrians.

Ports of Entry Assessment

The RGV region is one of the most significant border crossing regions in the United States, with nine international bridge crossings in the region. Traffic and freight flow between the United States - Mexico border impacts economies at local, regional, and national scales.

Accordingly, these three MTPs explored the performance of the region's ports of entry (POEs) and the economic implications of congestion and delays at these facilities. The region contains nine POEs, listed in **Table 3-44**. Points of entry for the HSB and HC MPO planning areas shown in **Figure 3-48** and **Figure 3-49**.

RGV Port of Entry Crossing Trends

Data compiled from the Bureau of Transportation Statistics, US Customs and Border Protection, and each MPO provides POE traffic information by mode. This information provides a general overview of how much and what type of traffic is experienced at each of the POEs. Only three out of the nine POEs had this type of crossing data (**Table 3-45**).

Out of the POEs with data available, the Brownsville & Matamoros (B&M) International Bridge experiences the most traffic overall, with roughly 4.85 million passenger vehicle crossings in 2017. The McAllen-Hidalgo International Bridge has the highest amount of bus traffic, with 20,000 buses in 2017. Some of the largest increases in traffic at the POEs, from 2010 to 2017, include a 214% increase in personal vehicle traffic and a 109% increase in pedestrian traffic at the Progreso - Nuevo Progreso International Bridge.

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Table 3-44: RGV Ports of Entry Information

Port of Entry	Modes	Max # of Lanes	Connections
Veteran International Bridge	Passenger/Commercial Vehicle; Pedestrian	Passenger: 4 Commercial: 4 Pedestrian: 2	US 77
Gateway International Bridge	Passenger Vehicle; Pedestrian	Passenger: 4 Commercial: 0 Pedestrian: 4	International Boulevard (SH 4) interconnects US 83/77
Brownsville & Matamoros International Bridge	Passenger Vehicle; Pedestrian	Passenger: 6 Commercial: 0 Pedestrian: 4	12th Street/Sam Perl Blvd. and Mexico Blvd. interconnect US B77
Free Trade International Bridge at Los Indios	Passenger/Commercial Vehicle; Pedestrian	Passenger: 4 Commercial: 4 Pedestrian: 2	FM 509, from US 83/77 Expressway South
Progreso - Nuevo Progreso International Bridge	Passenger/Commercial Vehicle; Pedestrian	Passenger: 4 Commercial: 2 Pedestrian: 2	FM 1015, connects to US 281 and to US 83
Pharr International Bridge	Passenger Vehicle; Pedestrian	Passenger: 4 Commercial: 0 Pedestrian: 1	Located on Spur 600, a six-lane structure, connects from US 281 to the GSA facilities
McAllen-Hidalgo International Bridge	Passenger/Commercial Vehicle; Pedestrian	Passenger: 8 Commercial: 4 Pedestrian: 2	Spur 600 from the bridge connects to Spur 241 which connects to US 281 and SH 336. Spur 115 connects from US 281 to US 83 Expressway
Los Ebanos Ferry	Passenger Vehicle; Pedestrian	N/A	Near FM 886 to US 83.
Donna /Rio Bravo International Bridge	Passenger Vehicle; Pedestrian	Passenger: 8 Commercial: 0 Pedestrian: 1	County Road 1554 from the bridge connects to the FM 493/US 281 intersection
Anzalduas International Bridge	Passenger/Commercial Vehicle; Pedestrian	Passenger: 4 Commercial: 4 Pedestrian: 2	FM 396 (Bryan Rd.) to US 83 near Mission.

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Table 3-45: RGV Ports of Entry Information

Measure	Brownsville & Matamoros International Bridge	McAllen-Hidalgo International Bridge	Progreso - Nuevo Progreso International Bridge
Bus Passengers	43,733	249,524	-
Buses	6,476	20,840	-
Pedestrians	2,761,819	2,185,335	899,201
Personal Vehicle Passengers	10,047,891	9,177,083	2,712,778
Personal Vehicles	4,859,573	4,401,115	1,218,065
Trains	829	-	-
Trucks	228,188	620,236	52,516

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Figure 3-48: HSB MPO Border Crossings

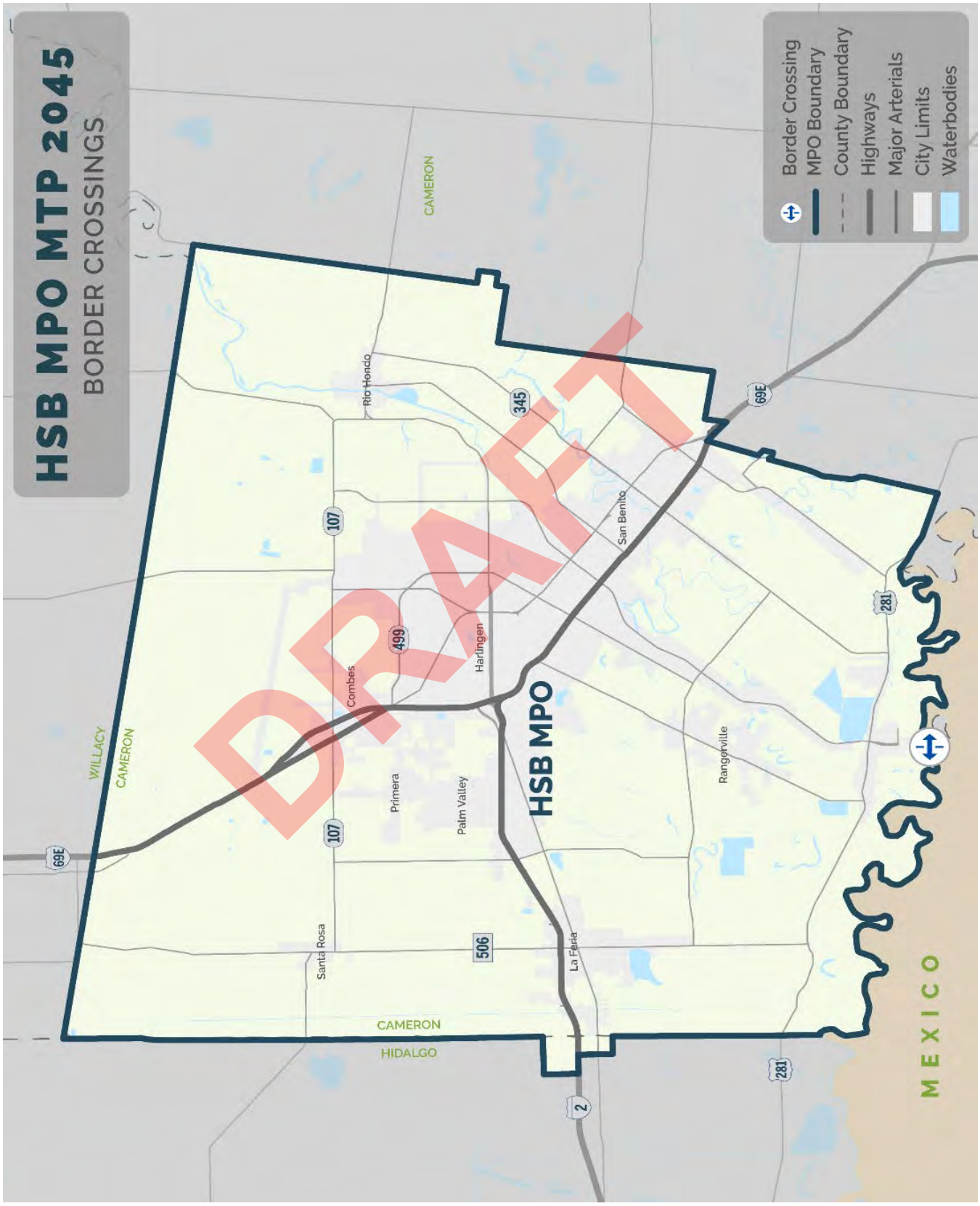


Figure 3-49: HC MPO Border Crossings



Brownsville International Border Crossings

Many of the congestion problems in Brownsville, were eliminated with the opening of the Veteran's International Bridge at Los Tomates in 1999.

Since 2018, the Texas International Crossing has been increasing the usage of operation by Truck, Bus, POV and Pedestrian modes of transportation (**Table 3-46** - **Table 3-49**).

Table 3-46: Texas International Bridges: Northbound Truck Monthly Traffic Figures

2018 - NORTHBOUND TRUCK MONTHLY TRAFFIC FIGURES

POE	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
Veterans International Bridge	17,763	16,779	17,890	17,992	18,536	17,695	18,352	20,211	17,840	130,424	20,492	18,623	332,597
Gateway International Bridge													0
B&M Bridge													0
Free Trade Bridge	2,439	2,591	3,226	2,768	3,011	3,340	2,952	3,465	3,285	3,787	3,472	3,147	37,483
Progreso International Bridge	4,273	4,784	5,441	5,067	4,371	3,266	3,829	4,335	3,597	4,095	4,143	3,594	50,795
Donna International Bridge													0
Pharr-Reynosa Intl. Bridge on the Rise	55,090	51,612	55,997	55,151	57,750	53,592	52,427	55,545	50,725	56,845	54,269	48,154	647,157
McAllen-Hidalgo Bridge													0
Anzalduas International Bridge													0
Los Ebanos Ferry													0
Rio Grande City-Camargo Bridge	2,953	2,899	3,359	3,487	3,565	3,106	3,222	3,238	2,919	3,379	3,174	2,793	38,094
Roma-Ciudad Miguel Aleman Bridge	609	596	622	583	700	650	596	721	755	829	725	725	8,111
Lake Falcon Dam Crossing													0
Juarez-Lincoln Bridge													0
Gateway to the Americas Bridge													0
World Trade Bridge	151,644	146,835	160,173	163,581	165,948	161,668	160,648	171,576	154,047	172,949	163,020	139,663	1,911,752
Laredo-Colombia Solidarity Bridge	32,363	31,220	34,007	34,485	34,775	31,910	32,856	35,952	32,159	36,636	34,392	31,398	402,155
Camino Real International Bridge	14,977	14,182	15,402	14,767	15,087	14,312	13,734	14,516	13,154	15,185	14,819	12,970	173,105
Eagle Pass Bridge I													0
Del Rio-Ciudad Acuna Intl. Bridge	6,111	5,981	6,694	6,516	7,013	6,715	6,685	7,088	6,263	7,319	6,583	5,360	78,328
Lake Amistad Dam Crossing													0
Boquillas Crossing Port of Entry													
Presidio Bridge	852	663	666	701	680	682	677	687	546	866	892	917	8,829
Fort Hancock-El Porvenir Bridge													0
Tornillo-Guadalupe Bridge													0
Ysleta-Zaragoza Bridge	42,940	41,691	45,619	45,895	48,797	44,271	42,551	48,573	44,164	50,392	47,402	37,732	540,027
Ysleta-Zaragoza Bridge (DCL)													0
Bridge of the Americas	22,375	20,840	22,273	21,728	21,938	23,569	23,277	23,922	21,110	25,563	23,335	20,916	270,846
Good Neighbor Bridge (SB only, NB DCL)													0
Paso del Norte Bridge													0
Monthly Total	**354,389**	**340,673**	**371,369**	**372,721**	**382,171**	**364,776**	**361,806**	**389,829**	**350,564**	**508,251**	**376,718**	**325,992**	**4,499,259**

Table 3-47: Texas International Bridges: Northbound Buses Monthly Traffic Figures

2017 - NORTHBOUND BUSES MONTHLY TRAFFIC FIGURES

POE	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
Veterans International Bridge	524	487	548	500	503	485	553	541	519	512	530	537	6,239
Gateway International Bridge													0
B&M Bridge													0
Free Trade Bridge													0
Progreso International Bridge													0
Donna International Bridge													0
Pharr-Reynosa Intl. Bridge on the Rise													0
McAllen-Hidalgo Bridge	1,695	1,427	1,700	1,670	1,657	1,698	1,854	1,769	1,608	1,399	1,713	1,836	20,026
Anzalduas International Bridge													0
Los Ebanos Ferry													0
Rio Grande City-Camargo Bridge													0
Roma-Ciudad Miguel Aleman Bridge	31	29	31	33	32	38	37	33	18	32	32	55	401
Lake Falcon Dam Crossing													0
Juarez-Lincoln Bridge	2,980	2,604	3,036	3,386	3,102	3,511	4,083	3,650	2,859	2,875	2,989	3,612	38,687
Gateway to the Americas Bridge													0
World Trade Bridge													0
Laredo-Colombia Solidarity Bridge	147	21	79	25	3	0	3	7	23	0	0	0	308
Camino Real International Bridge	228	111	178		512	302	346	312	220	146	189	249	2,793
Eagle Pass Bridge I													0
Del Rio-Ciudad Acuna Intl. Bridge													0
Lake Amistad Dam Crossing													0
Boquillas Crossing Port of Entry													
Presidio Bridge	79	75	119	113	97	102	101	118	95	98	110	139	1,246
Fort Hancock-El Porvenir Bridge													0
Tornillo-Guadalupe Bridge													0
Ysleta-Zaragoza Bridge													0
Ysleta-Zaragoza Bridge (DCL)													0
Bridge of the Americas	655	665	767	630	440	496	23,277	23,922	21,110	25,563	23,335	20,916	141,776
Good Neighbor Bridge (SB only, NB DCL)													0
Paso del Norte Bridge	708	650	661	702	824	795	694	702	776	763	761	702	8,738
Monthly Total	**7,047**	**6,069**	**7,119**	**7,059**	**7,170**	**7,427**	**30,948**	**31,054**	**27,228**	**31,388**	**29,659**	**28,046**	**220,214**

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Table 3-48: Texas International Bridges: Northbound POVs Monthly Traffic Figures

2017 - NORTHBOUND POVs MONTHLY TRAFFIC FIGURES													
POE	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
Veterans International Bridge	115,746	113,339	124,403	128,952	134,548	118,704	125,914	130,424	120,306	124,616	121,749	123,598	1,482,299
Gateway International Bridge	101,346	93,082	112,747	102,148	102,141	91,952	96,733	95,252	93,687	97,156	93,295	104,021	1,183,560
B&M Bridge	135,441	126,093	139,674	133,289	135,530	124,551	120,285	126,763	120,384	121,524	119,373	130,716	1,533,023
Free Trade Bridge	40,450	38,908	46,843	44,273	46,072	43,658	51,740	48,196	43,341	46,831	42,848	49,893	543,053
Progreso International Bridge	47,745	47,763	56,289	50,236	51,606	44,831	46,098	46,491	47,296	47,318	47,751	52,116	589,564
Donna International Bridge	52,315	50,385	62,028	57,251	59,308	51,467	58,361	58,673	53,638	54,709	58,312	68,956	685,403
Pharr-Reynosa Intl. Bridge on the Rise	83,615	80,661	94,552	89,000	92,736	85,955	102,543	102,323	90,913	97,638	103,072	114,092	1,137,100
McAllen-Hidalgo Bridge	187,299	175,743	199,128	190,297	199,947	178,163	190,445	183,448	186,657	192,431	179,900	204,070	2,267,528
Anzalduas International Bridge	78,907	74,931	87,907	83,060	87,054	80,486	90,809	86,029	83,475	87,251	88,927	91,821	1,022,657
Los Ebanos Ferry	2,770	2,909	2,067		823	2,377	3,413	3,539	2,814	3,013	3,107	3,693	30,525
Rio Grande City-Camargo Bridge	29,950	29,150	35,531	34,528	34,941	29,749	30,704	31,915	32,761	32,971	34,602	38,360	395,162
Roma-Ciudad Miguel Aleman Bridge	56,410	54,437	61,015	60,105	62,780	54,843	52,538	54,163	53,840	55,853	54,570	58,618	679,172
Lake Falcon Dam Crossing	8,275	7,147	8,360	8,247	7,504	6,641	8,146	7,024	7,400	7,103	8,193	9,548	93,588
Juarez-Lincoln Bridge	387,244	345,495	394,844	370,088	296,598	232,093	226,520	237,220	228,353	232,664	226,990	250,815	3,428,924
Gateway to the Americas Bridge				6,649	136,497	181,366	181,001	183,453	170,540	187,173	177,223	177,962	1,401,864
World Trade Bridge													0
Laredo-Colombia Solidarity Bridge	33,090	23,806	35,006	27,358	19,908	20,036	37,492	30,249	18,912	20,688	26,621	33,991	327,157
Camino Real International Bridge	111,939	106,343	125,701	135,429	133,960	133,576	144,232	133,963	128,181	135,488	136,576	144,037	1,569,425
Eagle Pass Bridge I	96,207	83,477	97,055	107,728	110,488	102,342	95,167	108,579	103,725	110,117	103,551	110,831	1,229,287
Del Rio-Ciudad Acuna Intl. Bridge	126,576	119,283	130,555	131,453	135,013	132,113	135,706	134,539	127,697	129,369	124,451	123,434	1,550,189
Lake Amistad Dam Crossing	6,128	5,789	10,613	6,427	6,430	5,235	4,454	3,367	4,595	4,476	5,727	10,751	73,992
Boquillas Crossing Port of Entry													
Presidio Bridge	59,318	51,829	61,824	60,771	62,233	58,470	64,758	59,729	59,271	59,073	59,712	61,806	718,794
Fort Hancock-El Porvenir Bridge	6,869	6,528	7,662	7,825	7,922	7,296	6,847	7,286	7,613	7,540	7,703	8,357	89,448
Tornillo-Guadalupe Bridge	20,867	19,869	24,958	24,268	24,903	21,066	22,364	22,426	23,033	23,954	27,446	31,036	286,190
Ysleta-Zaragoza Bridge	318,403	297,440	342,349	332,613	338,853	332,429	339,668	250,000	239,729	247,451	220,184	224,852	3,483,977
Ysleta-Zaragoza Bridge (DCL)													0
Bridge of the Americas	354,544	324,592	359,120	342,225	254,949	105,790	346,873	348,987	344,803	349,103	303,815	316,800	3,751,691
Good Neighbor Bridge (SB only; NB DCL)	109,358	105,344	113,278	116,111	118,986		102,994	117,481	115,329	125,571	119,502	117,096	1,261,050
Paso del Norte Bridge	242,041	229,195	263,767	260,597	263,071	251,999	263,838	260,031	249,064	234,066	206,023	205,230	2,918,772
Monthly Total	2,812,853	2,613,558	2,997,276	2,910,930	2,914,801	2,497,188	2,951,463	2,875,556	2,757,479	2,835,167	2,701,223	2,866,500	33,733,994

Table 3-49: Texas International Bridges: Northbound Pedestrian Monthly Traffic Figures

2017 - NORTHBOUND PEDESTRIAN MONTHLY TRAFFIC FIGURES													
POE	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
Veterans International Bridge	6,766	7,043	7,985	7,621	8,874	7,489	8,305	8,455	7,531	9,306	8,373	12,245	99,993
Gateway International Bridge	167,009	169,634	200,635	181,585	183,734	165,203	167,035	175,665	170,666	177,337	174,542	192,426	2,125,471
B&M Bridge	37,762	42,621	51,770	52,132	56,457	51,853	60,008	53,863	52,575	60,664	58,068	60,508	638,301
Free Trade Bridge	1,694	1,800	2,896	2,209	2,542	2,331	4,127	2,472	1,986	1,790	2,029	3,814	29,690
Progreso International Bridge	94,628	107,411	132,148	80,933	78,933	65,968	73,434	68,734	69,932	67,404	94,205	100,399	1,034,129
Donna International Bridge													0
Pharr-Reynosa Intl. Bridge on the Rise													0
McAllen-Hidalgo Bridge	166,472	163,176	199,042	175,673	188,467	169,646	189,624	186,523	171,916	186,485	181,447	191,863	2,170,334
Anzalduas International Bridge													0
Los Ebanos Ferry	3,198	3,565	2,801		941	2,437	3,168	2,941	2,467	3,570	2,845	5,020	32,953
Rio Grande City-Camargo Bridge	2,245	2,414	2,372	2,446	2,760	2,525	2,644	2,626	2,555	2,354	1,917	1,460	28,318
Roma-Ciudad Miguel Aleman Bridge	20,614	17,264	25,456	20,944	22,205	15,712	15,832	18,606	16,943	19,731	21,140	14,820	229,267
Lake Falcon Dam Crossing													0
Juarez-Lincoln Bridge	223,117	250,443	309,849	0	0	0	0	0	0	0	0	0	783,409
Gateway to the Americas Bridge	223,117	250,443	309,849	247,485	300,144	284,531	341,954	313,445	299,291	324,102	304,322	309,933	3,508,616
World Trade Bridge	14,832	14,002	15,723	16,324	15,433	14,808	15,088	17,046	15,105	16,890	16,369	11,991	183,611
Laredo-Colombia Solidarity Bridge	530	714	698	748	920	741	736	632	777	936	865	611	8,908
Camino Real International Bridge	28,025	22,906	32,725	22,334	24,843	17,255	26,645	20,709	13,334	1,036	14,773	16,367	240,952
Eagle Pass Bridge I	47,151	47,518	62,549	44,049	42,708	39,173	47,781	51,536	44,182	1,515	48,898	52,572	529,632
Del Rio-Ciudad Acuna Intl. Bridge	13,071	17,214	15,229	22,334	15,413	10,170	4,463	13,080	14,327	16,667	15,073	14,207	171,248
Lake Amistad Dam Crossing													0
Boquillas Crossing Port of Entry	1220	1987	3748	2142	1441	823	845	575	877	1,243	2,643	910	18,454
Presidio Bridge	16,222	12,868	24,958	17,128	17,804	22,397	37,964	20,639	11,895	15,917	20,005	34,385	252,242
Fort Hancock-El Porvenir Bridge	121	109	190	175	177	157	78	138	163	197	197	230	1,952
Tornillo-Guadalupe Bridge	3428	3423	2968	3538	3709	1164	801	3,045	3,547	4,041	2,845	3,328	35855
Ysleta-Zaragoza Bridge	104,083	100,279	122,697	122,697	107,713	95,746	119,222	121,390	120,243	123,291	130,820	147,164	1,415,345
Ysleta-Zaragoza Bridge (DCL)													0
Bridge of the Americas	96,226	86,340	108,611	99,923	103,855	96,274	117,713	107,619	99,289	104,826	112,753	142,214	1,275,643
Good Neighbor Bridge (SB only, NB DCL)													0
Paso del Norte Bridge	370,742	349,701	408,077	384,778	397,648	363,071	368,268	397,900	270,814	396,139	402,263	421,835	4,531,236
Monthly Total	1,642,273	1,672,875	2,042,994	1,507,198	1,576,721	1,429,474	1,605,735	1,587,659	1,390,415	1,535,441	1,616,472	1,738,302	19,345,559

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Relocation of commercial (truck) traffic to Veteran's International Bridge from the Gateway International Bridge and the B & M Bridge solved many problems in Downtown Brownsville. A very large percentage of the Brownsville international commercial traffic is centered on and shipped to and from the Port of Brownsville. The diversion of border truck traffic to the Veteran's International Bridge now allows the movement of goods (to and from the Port) to take place entirely within Brownsville's southeast quadrant.

The route between the Port of Brownsville and the Veteran's International Bridge, SH 4 (International Boulevard) and SH 8 (Padre Island Highway), constitutes Brownsville's overweight truck corridor. Overweight trucks are confined to this corridor and pay a fee collected at the Port to help fund repairs to remedy damages caused by these loads.

Establishment of the East Loop (at a new location) to serve as a truck route to and from the Port of Brownsville will be achieved in several years' time. This route (East Loop) will then serve as the overweight truck corridor.

Veterans International Bridge at Los Tomates

This facility, located on IH 69E, opened in May 1999. Originally, this bridge had four lanes. The bridge structure now provides eight lanes for vehicular traffic and space for pedestrians to cross as well. The Brownsville Port-of-Entry at this border crossing includes a large-sized import lot, which is adequate to serve large numbers of trucks.



Exhibit 3-33: An aerial of Veterans International Bridge at Los Tomates

TxDOT has plans to build a Truck Inspection Station next to the existing facilities. A temporary Truck Inspection Station is in operation at the present time. Cameron County utilized CBI funding to add more lanes at this facility. The traffic flow at the four additional lanes established at this facility can be reversed, to aid northbound or southbound flow.

- Bridge Owner/Operator:
    - United States: Cameron County and City of Brownsville (50:50 ownership)
        - The County operates the bridge itself and the toll facilities.
        - Mexico: Federal Government of Mexico (Concession with FARAL)
    - Operator: Cameron County
        - Average Monthly Bridge Traffic: (2018 Data)
        - Auto: 244,579 average monthly
        - Trucks/Commercial: 54,879 average monthly
        - Pedestrian: 16,499 average monthly
        - Buses: 1,029 average monthly
- Bridge Owner/Operator:
    - United States: Cameron County
    - Mexico: Federal Government of Mexico (owner)
- Bridge Operator: Cameron County and Caminos y Puentes Federales de Ingresos y Servicios Conexos (CAPUFE)

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Gateway International Bridge

This facility includes two spans with a total of four lanes. One span is northbound and the other is southbound.



Exhibit 3-34: An aerial of Gateway International Bridge

- Bridge Owner/Operator:
    - United States: Cameron County
    - Mexico: Federal Government of Mexico (owner)
- Bridge Operator: Cameron County and Caminos y Puentes Federales de Ingresos y Servicios Conexos (CAPUFE)
    - Average Monthly Bridge Traffic: (2018 Data)
    - Auto: 195,287 average monthly
    - Trucks/Commercial: 0
    - Pedestrian: 350,703 average monthly
    - Buses: 0

B & M International Bridge

The original bridge structure contains a railroad track and can handle vehicular traffic as well. This is the oldest bridge in Brownsville, sometimes referred to as "Puente Viejo". A four-lane structure, which carries vehicular traffic in both directions, was built in 1997.



Exhibit 3-35: An aerial of B & M International Bridge

Bridge Owner/Operator:
Brownsville & Matamoros Bridge Company, a subsidiary of the Union Pacific Railroad Company.

- Average Monthly Bridge Traffic: (2018 Data)
    - Auto: 253,048 average monthly

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- Trucks/Commercial: 0
- Pedestrian: 105,320 average monthly
- Buses: 0

Free Trade Bridge at Los Indios

This international bridge is located outside of the Brownsville MPO's boundary area. It is listed here due to its importance in serving as an alternative route for Brownsville-based truck traffic.



Exhibit 3-36: A view of the Free Trade Bridge at Los Indios

- Average Monthly Bridge Traffic: (2018 Data)
  - Auto: 89,604 average monthly
  - Trucks/Commercial: 6,181 average monthly
  - Pedestrian: 4,899 average monthly
  - Buses: 0

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Operations & Maintenance Assessment

The operations and maintenance section provides an assessment of each MPO region's roadway network and is separated into detailed analyses on pavement and bridge conditions found in the planning area. Developing a detailed understanding of the condition of the region's transportation infrastructure helps identify areas of need in the roadway network.

Pavement Conditions

The RGVMPO planning area roadway network is central to the overall multi-modal transportation network. Therefore, existing pavement conditions of the roadway network are critical to the movement and safety of the region's citizens that use it on a daily basis. For this analysis, data was derived from 2017 pavement condition data from Federal Highway Association's (FHWA) Highway Performance Monitoring System (HPMS). The obtained HPMS data provided a pavement condition rating based on the International Roughness Index (IRI) for roadways on the National Highway System (NHS), as well as other ancillary roadways found within the Harlingen-San Benito and Hidalgo County MPO regions.

Based on guidance from the Code of Federal Regulations (23 C.F.R. §490.313), each roadway segment on system was categorized by condition according to the following IRI rating scale:

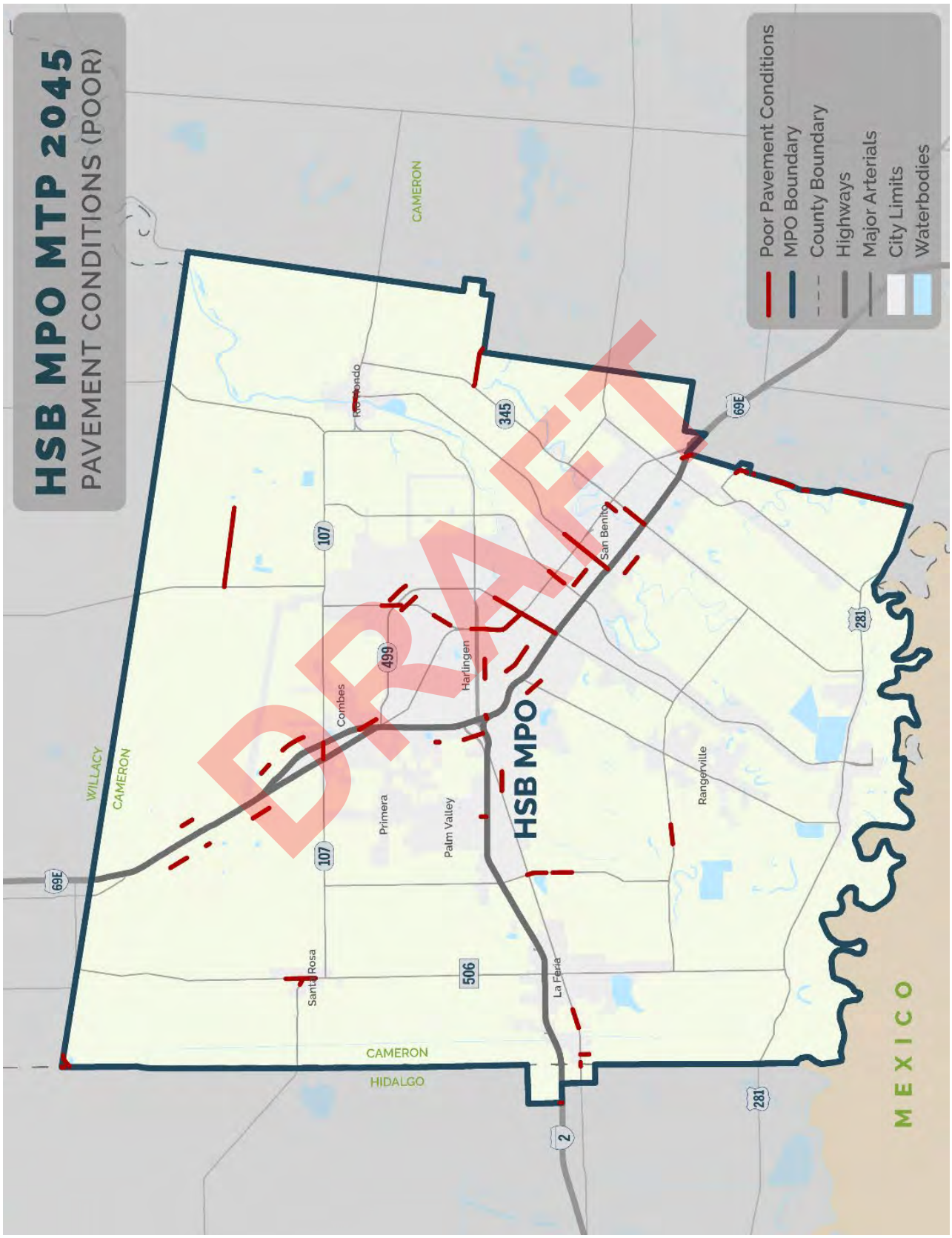
- Poor: IRI > 170
- Fair: IRI >=95 and <= 170
- Good: IRI <95

Harlingen-San Benito MPO

Figure 3-50 displays roadways in the HSB MPO region with poor pavement condition as of 2017. Segments rated as poor have been overlaid onto the MPO region's entire roadway network, helping identify which roadways within the network are potentially not in a state of good repair. These segments total 0.41 lane miles, or roughly 7% of the lane miles provided.

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Figure 3-50: HSB MPO Pavement Conditions

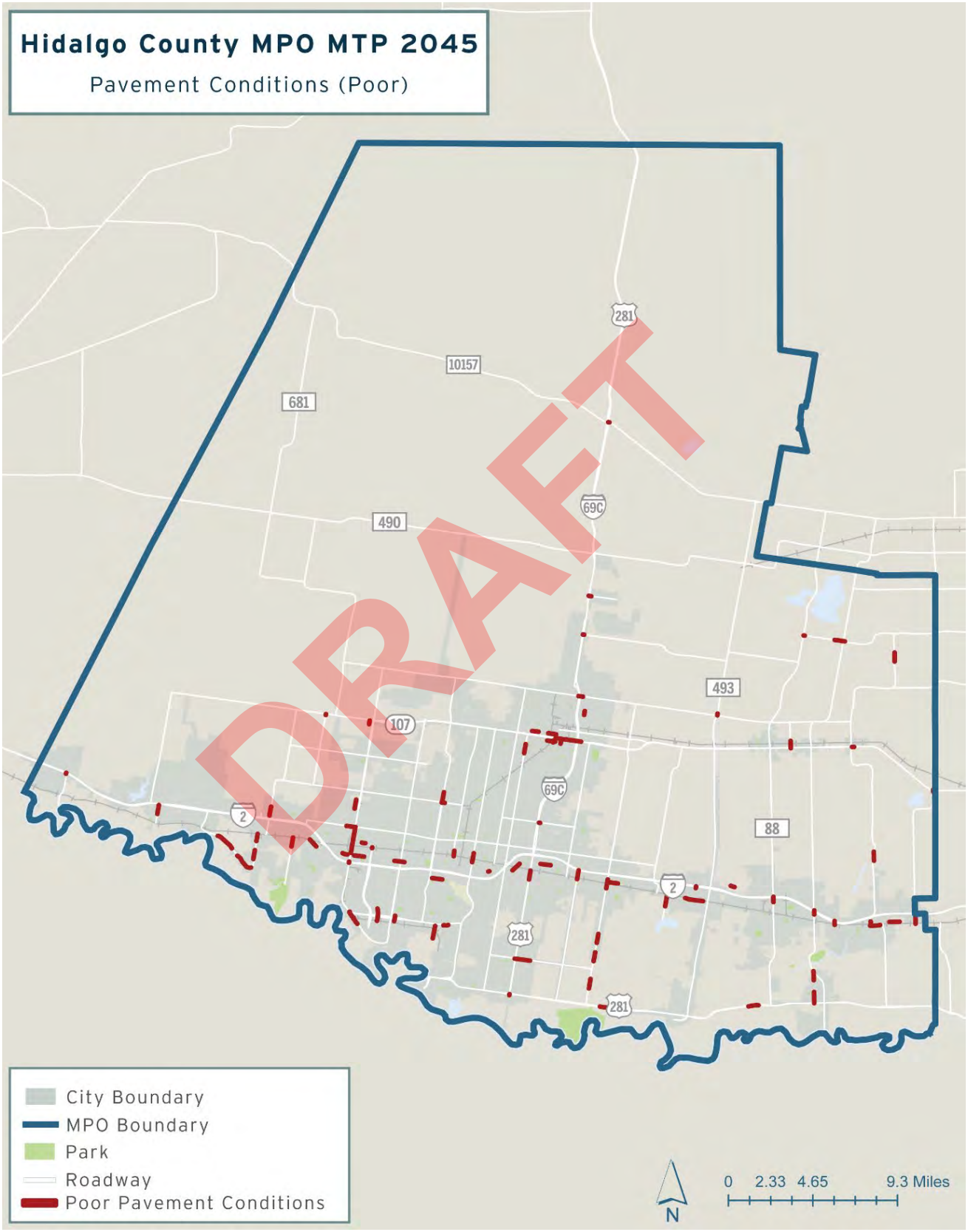


Hidalgo County MPO

Figure 3-51 displays roadways in the HC MPO region with poor pavement condition as of 2017. Segments rated as poor have been overlaid onto the MPO region's entire roadway network, helping identify which roadways within the network are potentially not in a state of good repair. These segments total 0.49 lane miles, or roughly 3% of the lane miles provided.

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Figure 3-51: HC MPO Pavement Conditions



Bridge Conditions

The bridge conditions analysis is based on the FHWA National Bridge Inventory (NBI). The NBI included location and condition information for 141 bridges within the MPO region as of January 2018. The project team followed guidance provided in FHWA's *Computation Procedure for the Bridge Condition Measures* and the Code of Federal Regulations (23 C.F.R. §490.409) to determine the condition of each roadway. The methodology for determining condition included the calculation of a minimum component condition rating and application of the following scale based on this rating:

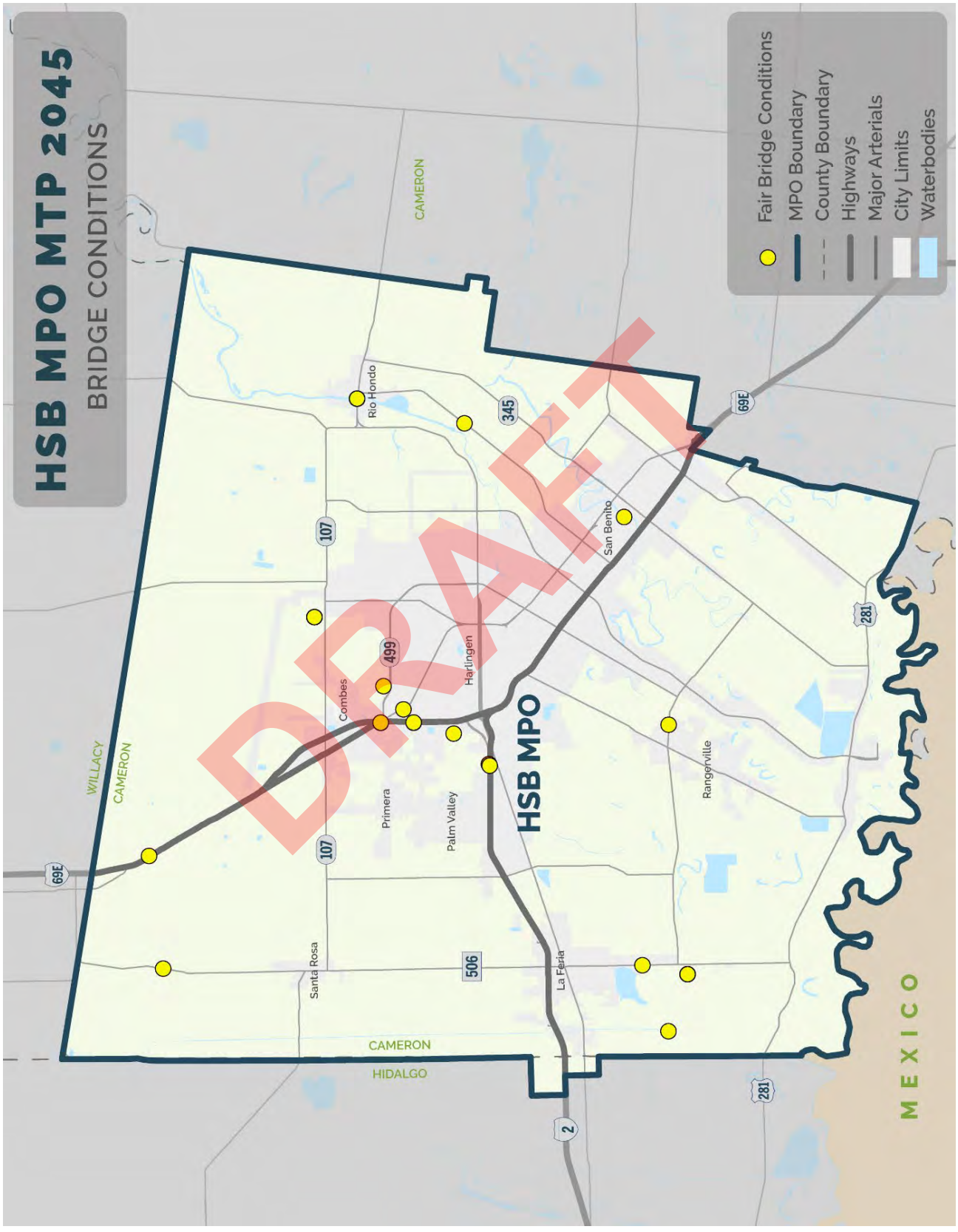
- Good: minimum condition rating between 7 and 9 for bridge components
- Fair: minimum condition rating between 5 and 6 for bridge components
- Poor: minimum condition rating between 0 and 4 for bridge components; indicates a bridge that is structurally deficient

Harlingen-San Benito MPO

Through a geospatial analysis, results for the bridge condition analysis show that there are currently zero bridges in the HSB MPO region designated as being in poor condition (as of July 2019). However, a total of 19 (10%) of the region's bridges rate as being in fair condition. **Figure 3-52** displays the location of bridges with a fair designation. Though the condition of these bridges is sufficient for the time being, preventative maintenance and repairs should be planned to ensure conditions do not fall below fair.

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Figure 3-52: HSB MPO Bridge Conditions

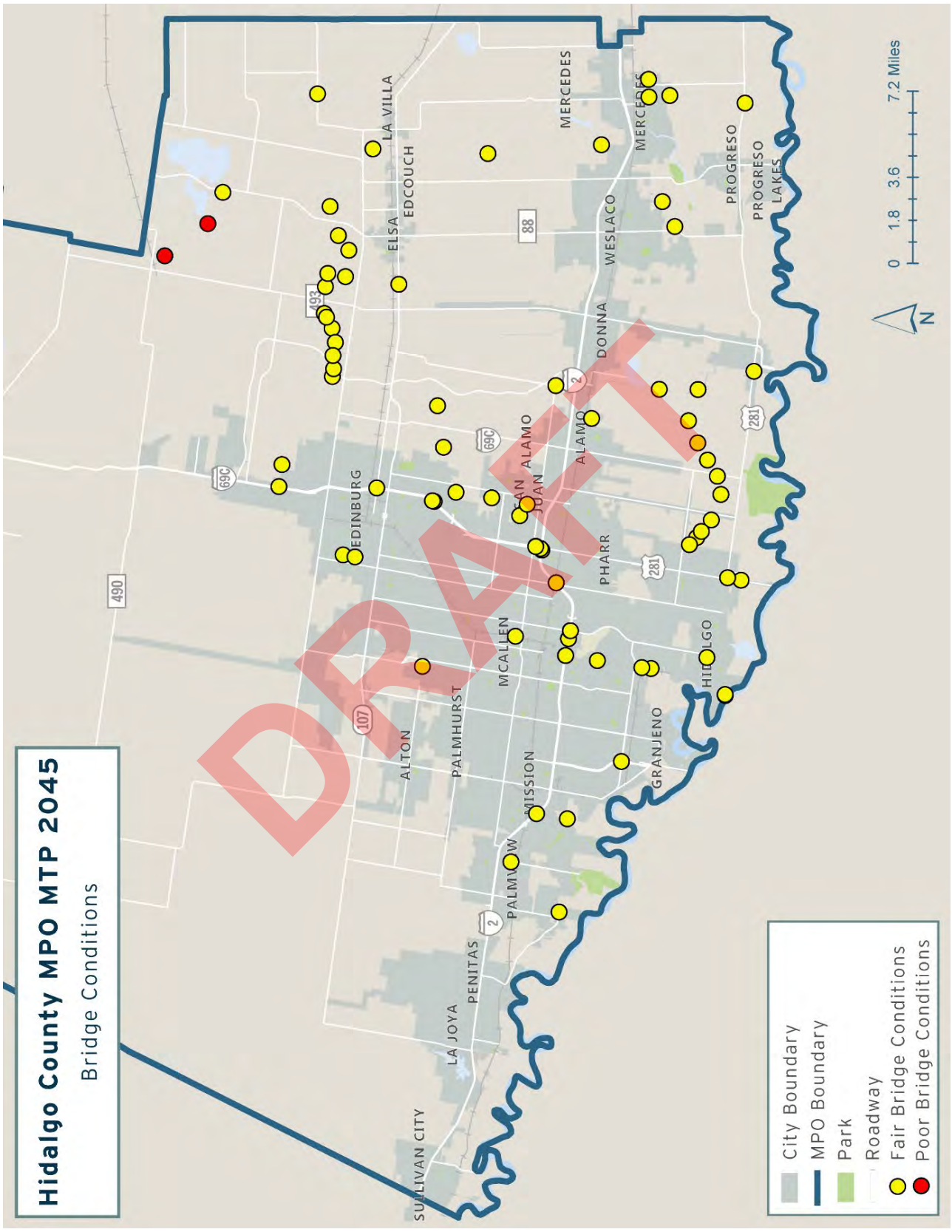


Hidalgo County MPO

Through a geospatial analysis, results for the bridge condition analysis show that there are currently two bridges in the HC MPO region designated as being in poor condition (as of July 2019). However, a total of 78 (19%) of the region's bridges rate as being in fair condition. **Figure 3-53** displays the location of bridges with a poor or fair designation. Though the condition of the fair bridges is sufficient for the time being, preventative maintenance and repairs should be planned to ensure conditions do not fall below fair. Bridges in poor condition should see immediate action, either to be repaired or closed from further use until repairs are made or a permanent closure becomes effective.

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Figure 3-53: HC MPO Bridge Conditions



Brownsville MPO

Veteran's International Bridge Improvements

In recent years, Cameron County added four additional lanes at the Veteran's International Bridge. Also, Cameron County added a vehicle approach lane to the primary inspection station, and secured imaging equipment to aid inspections. Cameron County RMA has a new project planned for this facility. Known as the Veterans International Bridge Privately Owned-Vehicles Lane Expansion Project, these improvements would cost $16.1 million dollars. The proposed improvements would add four primary inspection lanes for passenger vehicles.

- At this time the primary inspection station this Port of Entry can process about 60 vehicles per hour per booth. So, that accommodates an hourly peak of 240 vehicles. Demand exceeds this processing volume, so improvements in the form of additional lanes, and booths, are needed.
- Queuing will be reduced, and quicker processing entails less waiting and less air pollution. And added bus turnout and a sidewalk for bus passenger will augment safety for those persons using this facility.

Proposed Port of Brownsville International Bridge

The Brownsville MPO's Thoroughfare Plan depicts the projected crossing point to the Republic of Mexico for this proposed new bridge. The proposed crossing point over the Rio Grande River is located due south of the Port's dock facilities, on the south side of the ship channel.

The Brownsville Navigation District (BND) obtained a presidential permit for this international bridge some years ago. The proposed bridge design calls for a four-lane bridge for truck traffic. Port Commissioners and staff will continue to examine the possibilities of a bridge becoming a reality in the future.

The proposed Port Bridge will be designed for handling of heavy truck traffic and cargoes. A potential benefit of this project includes the ability to move heavy cargoes to and from Matamoros, Mexico without the need for truck traffic to pass through developed (urban) areas of Brownsville.

Another feature of international trade should be mentioned in connection with this project. The Brownsville Navigation District has been examining future prospects for development of the Port of Brownsville in terms of large-scale container operations.

Much attention has been given to use of the Port of Brownsville and Mexico as a viable "land bridge" to Asia. This could offer significant travel time savings for the movement of goods from China and other Pacific Rim locations to destinations in the mid-west and eastern United States.

A significant problem to be addressed with this scenario is development of top-quality transportation infrastructure in Mexico and South Texas. If financial arrangements can be made to attract and promote movement of international cargoes through the Port of Brownsville, the Port and Cameron County would reap substantial rewards.

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Proposed Flor de Mayo International Bridge

It is expected that population growth for both Matamoros and Brownsville will continue at a steady pace in the coming decades. To meet the long-term travel demand for international trips, it is likely to require the development of a fourth (non-commercial) border crossing within the City of Brownsville. The proposed Flor de Mayo International Bridge has been identified as a solution to help meet the future mobility needs of the two communities. Cameron County staff have taken steps to acquire sufficient right-of-way to develop both a new bridge and the associated Port-of-Entry facilities. Coordination of planning efforts with Mexican counterparts has begun and will need to continue.

The Brownsville MPO Thoroughfare Plan map currently outlines the general vicinity of this proposed border crossing facility. It is located generally south of the intersection of US 281 with FM 3248. The extension of FM 3248, which would serve as the new access road for the proposed bridge, is not presently listed as an MTP project.

Interregional Passenger Assessment

While the main focus of an MTP is understanding travel within the MPO planning area, it is also crucial to understand the area's role in transportation at both the state and national level. Interregional passenger travel consists of any mode of transportation connecting users to destinations outside of the planning area; this includes fixed passenger rail, air travel, and long-distance charter bus services. The following section details available modes of interregional travel found within the RGVMPO planning area.

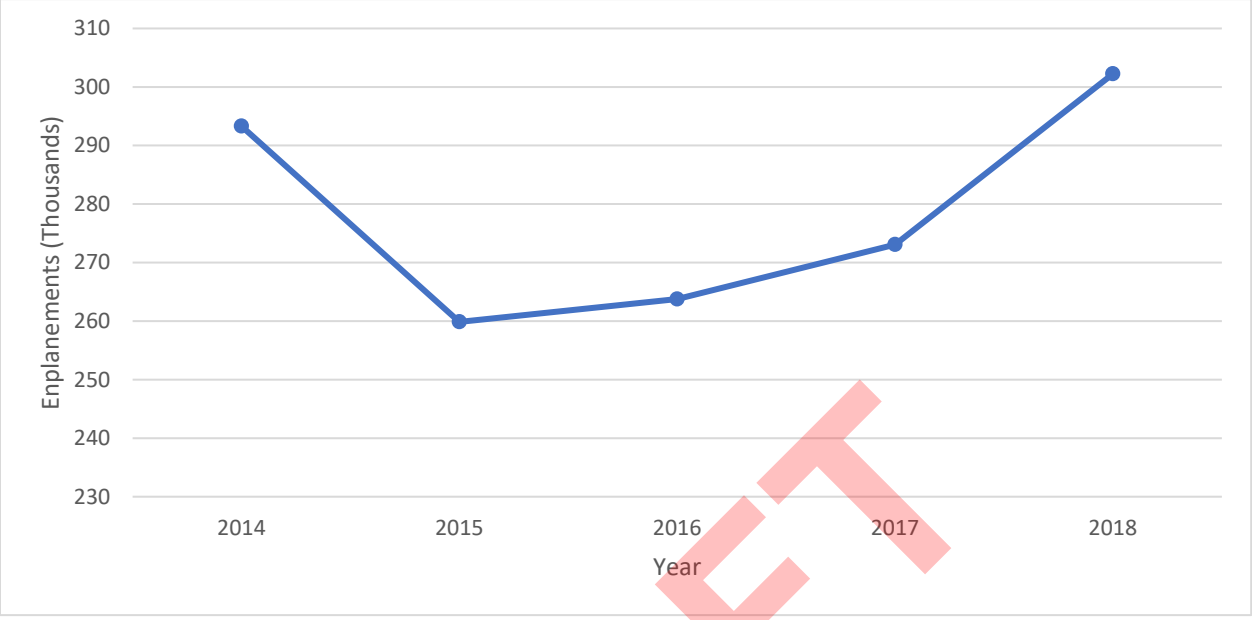
Harlingen-San Benito MPO

Valley International Airport

The HSB MPO planning area contains one regional/commercial airport, the Valley International Airport, which is located in Harlingen, TX. Valley International Airport provides commercial and general aviation services to the planning area. Regarding commercial flights, the facility is currently served by four airlines (Southwest Airlines, Continental Express, Delta and Sun Country Airlines) which provide direct flights to the Dallas, Austin, Houston, Denver, Chicago, and Minneapolis. The airport provides ground transportation in the form of rental cars, taxi/shuttle services, and ride share services (e.g. Uber). **Figure 3-54** displays Valley International Airport enplanement trends from 2014 to 2018. Annual enplanements for the region have slightly increased over the five-year period (by roughly 10,000), with a growth rate of roughly 3% from 2013 to 2017. 2018 experienced the highest increase in enplanements with a 10% increase from 2017 to 2018. Conversely, 2015 experienced a large decrease in enplanements with a 13% decrease from 2014 to 2015.

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Figure 3-54: HSB MPO Enplanement Trends 2014 – 2018 (Valley International Airport)



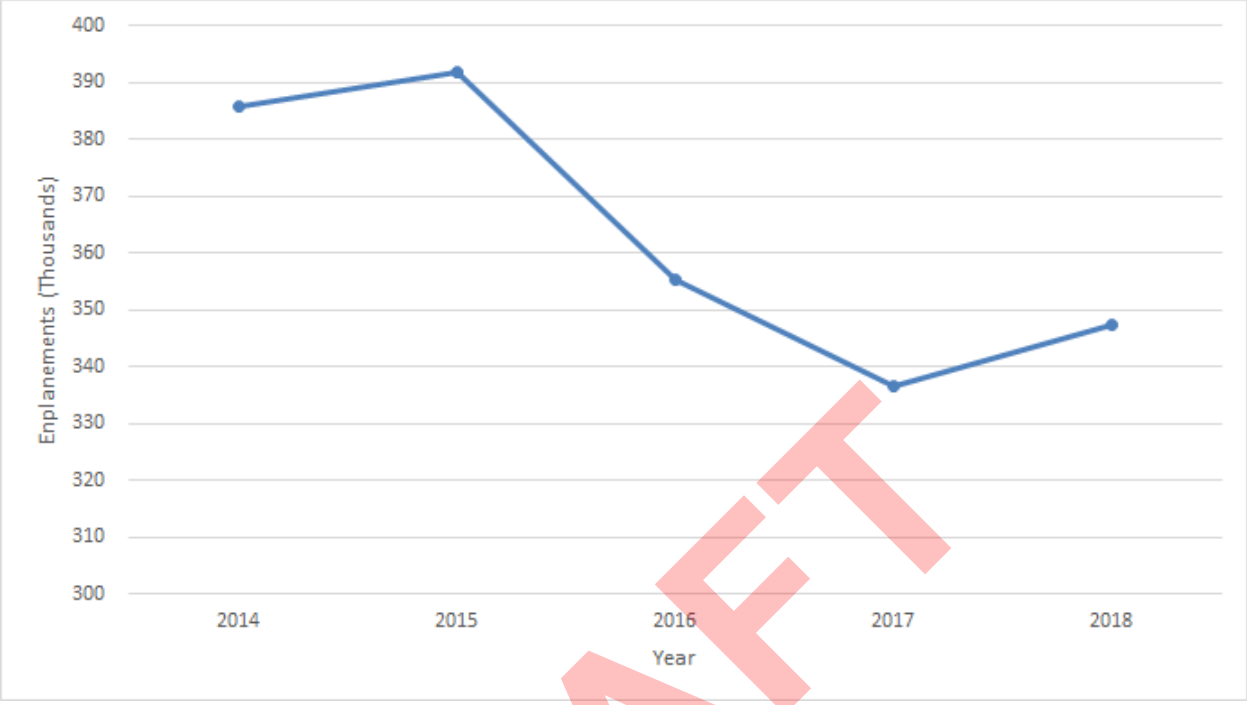
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Hidalgo County MPO

Aviation Network

Hidalgo County has one commercial service airport, two general aviation airports, and fourteen privately owned airports. The HC MPO has made an effort to incorporate these facilities in transportation planning activities. The RGV has three commercial airports but only the McAllen-Miller International Airport is located within the HC MPO planning area.

Figure 3-55: HC MPO Enplanement Trends 2014 – 2018 (McAllen International Airport)



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Brownsville MPO

Airport Transportation

The Brownsville South Padre Island International Airport (BRO) is located in the eastern section of Brownsville. The airport is served by three highways—State Highway 4, FM 2519 or Billy Mitchell Boulevard and FM 313. It is a Title 14 CFR Part 139 certified Airport, which serves Commercial, Charter, Military / Government and General Aviation operators.

The airport has two hard surface runways. Runway 13-31, the primary runway, is 150 feet wide by 7,400 feet long, and has 3 types of instrument approaches, including an ILS (Instrument Landing System) to allow for continuous aircraft operations, even under poor weather conditions. Runway 18-36, the secondary runway is 150 feet wide by 6,000 feet long, and it's equipped with two types of instrument approaches.



Exhibit 3-37: A before and after comparison of the SPI International Airport after improvements

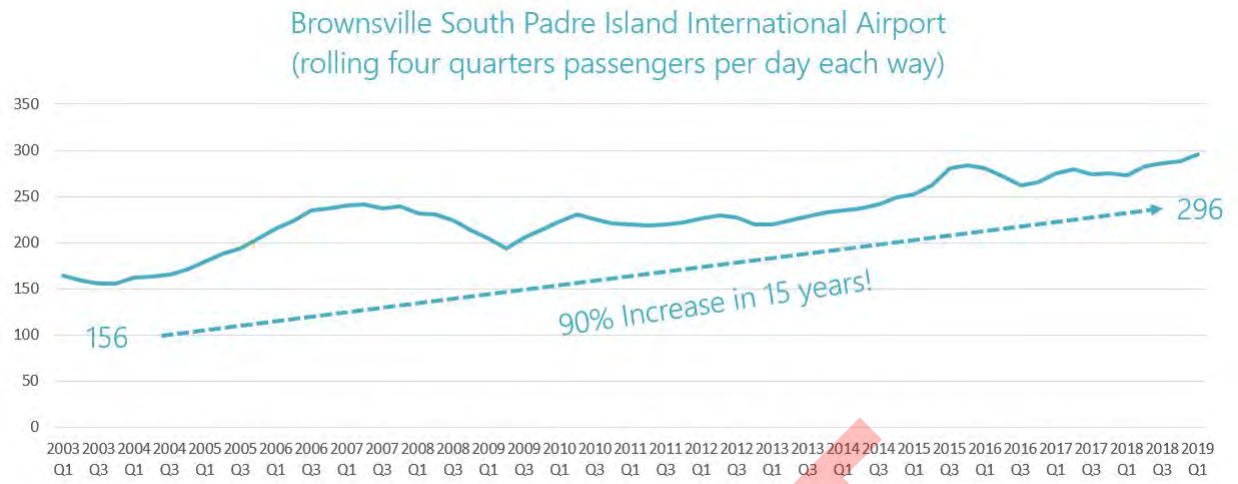


Exhibit 3-38: An aerial of the South Padre International Airport (BRO)

The current 37,000 sq. ft. passenger terminal was built in 1971 and was not designed to accommodate current security and airline requirements. Despite having infrastructure challenges, the airport has seen a fast-paced, steady growth over the past 15 years.

Demand at BRO has grown more than 90% during the past 15 years, and it's the fastest growing airport in the Rio Grande Valley.

Figure 3-56: BRO Passenger Demand



Source: U.S. DOT OD1B via Airline Data Inc.

That growth doesn't even consider its future potential once the new terminal comes online, which will provide ample capacity to optimize flights and offer better access to the travelers' true "ground" destinations in the region, such as South Padre Island, TX; or the neighboring city of Matamoros, Mexico.

Daily non-stop service to and from Dallas Fort-Worth and Houston, Texas is offered by American Airlines and United Airlines, respectively (current as of September 2019). Seasonal service to Chicago, IL and Denver, CO was offered during the '18 – '19 winter season with United Airlines.



Exhibit 3-39: Advertisement for the improved international airport facility

Construction of a new passenger terminal facility began in December of 2018 and it's expected to be completed during the 4th quarter of 2020. The 91,000 sq. ft., $50 million facility is being funded partially by the Federal Aviation Administration, and a joint venture between the City of Brownsville, the local EDC's (4a & 4b) and Airport funds. The modern, efficient, modular building will be able to accommodate the expected increase in enplanements in the upcoming decades.

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Exhibit 3-40: Construction of the new passenger terminal (August, 2019)

The Department of Aviation is also seeking to expand the airport's primary runway (13-31) from 7,400 linear feet to 10,000 linear feet in length. This project, upon completion, will enhance safety and help attract more air carriers and air cargo operators to the airport.

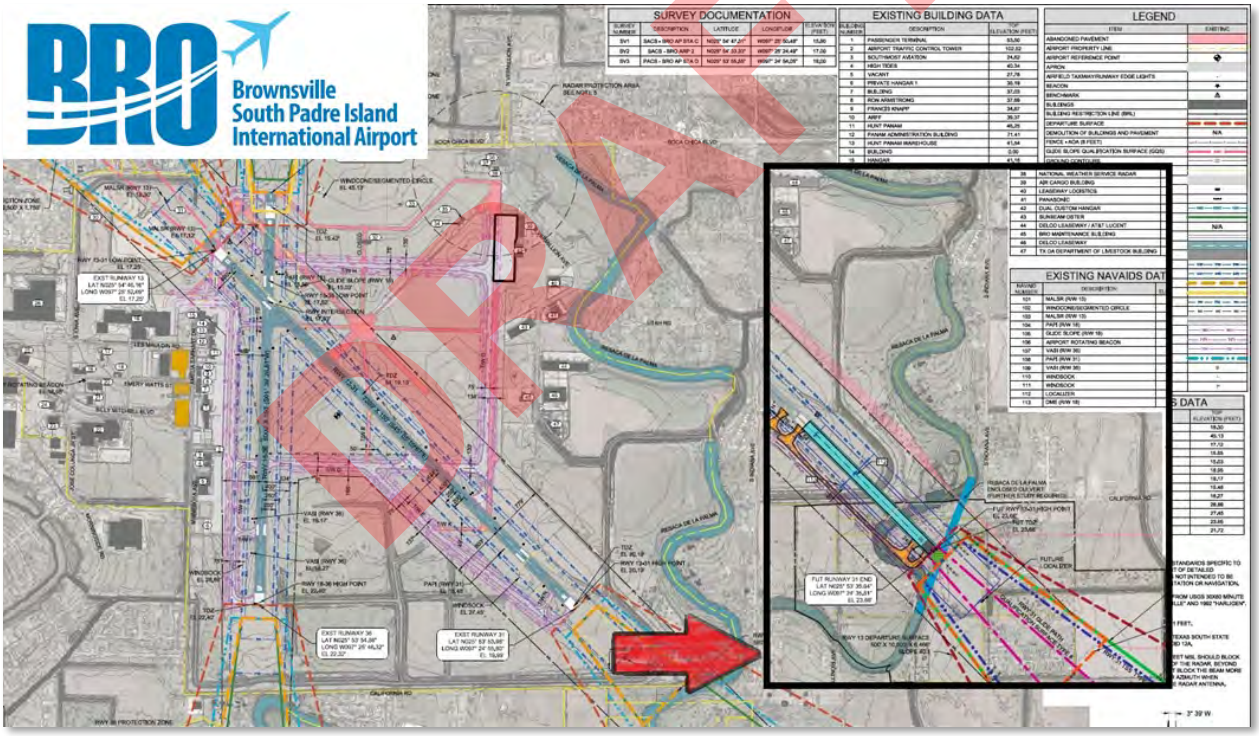


Exhibit 3-41: The layout of the Brownsville South Padre Island International Airport

It is noteworthy that the airport features two industrial parks, one of which has a Foreign Trade Zone designation. A market analysis and runway extension justification study currently projects a gradual increase in aircraft operations, both passenger and air cargo, at the airport over the next 20 years.

Future growth of general aviation activities is also expected at the Brownsville South Padre Island Airport (BRO). As a designated Point-Of-Entry to the United States, the airport has a Federal Inspection Station (US CBP), a key feature which attracts private, chartered and general aviation flights from Mexico, Latin America and the Caribbean, in transit to and from other cities in the US.

Air Cargo

The potential for growth of air cargo at the Brownsville South Padre Island International Airport (BRO) is tied to the growth and movement of US-Mexico trade through Brownsville and the Lower Rio Grande Valley Most of the air cargo transported via the airport involves goods moving to or from the maquiladora plants (Manufacturing industry) located in Matamoros or Reynosa, across the Rio Grande. Parts, and other components used to assemble a finished product, are shipped via air cargo to facilitate "just-in-time" arrivals on both sides of the border.



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Exhibit 3-42: Cargo at the Brownsville South Padre Island International Airport

Most recently, a boom in new business at the Port of Brownsville, as well as the construction of a test and launch facility for SpaceX's reusable rocket technology and space exploration, are factors expected to boost the movement of goods and commodities by air freight.

In early 2019 the Department of Aviation completed the construction of a new 20,000 sq. ft. cargo facility in the east side campus, it has access to both landside and from the dedicated air cargo ramp and is currently looking to attract suitable operator(s) for it.

New Space Industry

Brownsville is front and center of a new era of commercial space exploration. Space X moved to the area, and this company is building a test facility and launch pad for its Raptor Engines / StarHopper Starship prototype.

The $100 million facility will include a Vertical Rocket Launch Site, Launch Command Center, and Ground Tracking Station. Officials estimate 20,000 visitors per launch when launches commence. Several tests have taken place, and more are expected, as the StarHopper Starship prototype reaches different milestones.



Exhibit 3-43: Test facility under construction

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Chapter 4

Transportation Strategies

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TRANSPORTATION STRATEGIES

Introduction

Adding roadway capacity to the transportation system cannot address all mobility needs in the RGVMPO planning area alone. While funding is always the primary constraint, some needs can be met through the adoption of "no-build" strategies. Therefore, the MTP planning process included the consideration of no-build strategies such as Transportation Demand Management (TDM) and Transportation System Management and Operations (TSMO) in addition to facility construction projects ("build strategies").

This chapter provides a description of the process used to develop a fiscally unconstrained plan for meeting the transportation needs of the community. Given the limited availability of funding to meet all the needs identified in the Needs Assessment (Chapter 3), both "build" and "no-build" strategies to address unmet needs are considered in the unconstrained plan.

No-Build Strategies for Unmet Needs

Building new roads and adding capacity to the existing roadway system is not only expensive, but often takes years to go through the planning, environmental, design, and construction phases. Given the limited availability of funding for transportation projects and rising congestion levels, state, regional, and local agencies are increasingly relying on TDM, TSMO, and active transportation strategies, along with other strategies, to improve the performance of existing roadways. These strategies do not require the construction of new roadways or additional lanes of capacity, and therefore are often referred to as "no-build" strategies.

The following sections provide recommendations for incorporating best practices in TDM, TSMO, active transportation, and other no-build strategies into the transportation planning process.

While the RGVMPO is not directly responsible for implementing transportation projects, it works closely with local member jurisdictions to explore and evaluate the appropriateness of these strategies for reducing congestion and improving the performance of the existing transportation system.

Transportation Demand Management

TDM strategies seek to reduce congestion on existing roadways by reducing the overall number of cars using roads or by redistributing cars away from congested areas and peak periods of travel. Encouraging the use of alternative modes of transportation (such as transit, biking, or walking) and increasing the number of travelers in each vehicle are the primary ways in which TDM strategies reduce single-occupant vehicle demand on existing roadways. Simply put, transportation demand can be managed by providing travelers with a wide range of efficient and accessible choices for reaching their destination.

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With limited funding available to address congestion through increasing roadway capacity, TDM is a cost-effective means to improve use of the transportation system. TDM strategies are designed to accomplish the following:

- Improve mobility and accessibility by expanding and enhancing the range and quality of available travel choices;
- Reduce congestion and improve system reliability by decreasing the number of vehicles using the roadway;
- Increase safety by addressing congestion, which is generally related to higher occurrences of traffic incidents; and
- Improve air quality by reducing the number of vehicle miles traveled, thereby saving energy, and decreasing the number of short vehicle trips.

Best Practices

Strategies to Reduce Single Occupancy Vehicle Trips

Carpool, vanpool, and school-pool programs encourage travelers with common destinations, particularly employment and school destinations, to share vehicles. These can be based on informal arrangements between individuals or formally arranged through ride-matching services. Available research indicates that improving awareness, trust, and willingness to ride with strangers, as well as flexibility in scheduling, may help to increase carpool use. Incentives are another effective tool for encouraging ridesharing.

Ridesharing Resources

Resources that may help to increase the use of carpooling, vanpooling, and school-pooling include "Frequently Asked Questions" (FAQs) that address the benefits of carpooling, tips for finding other carpoolers, advice on how to organize pick-ups and drop-offs, carpooling etiquette, and safety concerns, among others.

Additionally, some entities have used websites to facilitate the matching of individuals with other carpoolers by either hosting their own free ride-matching service using online ride share software, or publicizing ride-matching applications available to the public, such as web-based carpooling apps.

Encourage Employers to Incentivize Ridesharing

The RGVMPO can play a valuable role in working with area employers and schools to develop employer-based incentives to encourage ridesharing, such as tax incentives and preferential parking.

Transportation Management Organizations (TMOs)

Transportation Management Organizations (TMOs) are non-profit organizations voluntarily created by a group of businesses – often with local government support – to coordinate transportation services in a defined area (typically a commercial district, medical center, or industrial park). Because they tend to serve a small geographic area and constituency, these

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groups can be very responsive to members' needs. TMOs provide a variety of TDM services that encourage more efficient use of transportation and parking resources, particularly through commute trip reduction strategies and ridesharing.

Employer-Based Tools & Incentives

The commute to and from work is a significant contributor to traffic congestion along area roadways, particularly during peak travel times. TDM strategies that focus on employer-based tools and incentives can be an effective way to reduce travel by single occupant vehicles by coordinating ridesharing among employees, encouraging the use of alternate transportation modes for work trips, shifting work trips away from peak hours, and reducing work travel times and the number of overall trips. Examples of alternate modes of transportation include walking, biking, using transit, skateboarding, etc.

Employer-based TDM strategies fall into four separate categories:

- Encouraging employees to travel by alternate modes;
- Shifting trips away from peak periods of travel and reducing the total number of trips;
- Providing route information to divert commuters from congested routes; and
- Using location-specific solutions - such as locating in developments with a mix of employment, residential, and service uses - to shorten the work commute.

Regional transportation planning entities can actively work with area employers to reduce congestion by expanding the transportation options available to their employees. This type of information can be provided on a website or delivered through a "speaker series" for educating area employers regarding options available and their benefits to employers, employees, and the community as a whole.

Parking Management & Incentives

Parking management strategies and incentives encourage the use of alternate modes and can be implemented by both local jurisdictions and employers. These strategies typically rely on dis-incentivizing travel by single occupant vehicle by passing along more of the cost of parking to employees and/or limiting the availability of parking. Improved management of parking facilities can result in potential savings to communities and may reduce parking requirements.

Strategies to Increase Travel by Transit, Bicycle, or Walking

In order to reduce the number of trips by private automobile, strategies to increase travel by transit, bicycle, or walking in the RGVMPO planning area generally focus on the following objectives:

- Increasing the frequency, coordination, and reliability of the transit system to move people to their daily destinations in an efficient and convenient manner;
- Improve the quality of the service, which increases the convenience, comfort, ease of access, and affordability of the mode and makes people more willing to choose it; and

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- Educate the public on the availability of the various non-automobile transportation options and services and provide resources to help travelers navigate the region.

The following sections detail mode-specific strategies that could be considered for implementation in the RGVMPO planning area.

Transit Strategies

Improving the quality of transit services (Metro McAllen, Valley Metro, Brownsville Metro, and other public transit options) involves strategies that shorten the overall travel times, increase travelers' comfort both while waiting for the bus and when on-board, and provide added flexibility with travel time and destinations.

Transit can also provide a less expensive means of travel compared to personal automobiles. National statistics have shown that commuters that switch from driving to transit for their daily commute can save more than $9,000 annually. However, providing new routes or increased levels of transit service must always be balanced against funding availability.

Active Transportation Strategies

Active transportation refers to non-motorized modes of travel, such as walking, bicycling, or using a wheelchair or mobility device. Because these modes provide some of the most fundamental means of mobility and accessibility available to individuals, it is crucial for the metropolitan planning process to consider the needs of active transportation users. In addition, active transportation can provide communities with opportunities for enhanced recreation, leisure, and tourism by creating pedestrian and bicycle networks that allow people to spend time outdoors and encourage economic development.



Exhibit 4-1: A trail crossing through Arroyo Park in Harlingen

In order to maintain focus on active transportation issues, Technical Advisory Committee (TAC) subcommittees exist to address pertinent active transportation matters and present recommendations to the TAC. These subcommittees contain a mixture of TAC members, bicycle advocates, pedestrian advocates, and other stakeholders. Committees include both the Hidalgo County and Brownsville Bicycle and Pedestrian Advisory Committees (BPAC). Continuation of these committees will be essential to prioritizing active transportation in the RGVMPO planning area.

The Active Plan, adopted by 10 municipalities in 2016 covers communities in the Lower Rio Grande Valley county of Cameron. The plan was administered by the City of Brownsville and provides detailed plans to improve the regional active transportation network and associated

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economic benefits of Active Tourism. 6 catalyst projects were identified in the plan for local municipality prioritization which are listed below:

- LRGV Multi-Use Trail System: Arroyo-Resaca Segment
- LRGV Multi-Use Trail System: Bahia Grande Segment
- LRGV Multi-Use Trail System: Battlefield Segment
- LRGV Multi-Use Trail System: SPI Segment
- LRGV Paddling Trail System: Arroyo Colorado Segment
- United States Bicycle Route #55: Launa Madre Segment

Brownsville MPO

The Brownsville MPO has made efforts to identify funding opportunities to support development of facilities to foster walking, bicycling, and access to transit. For example, Brownsville MPO allocated a sizeable amount of Category 7 funds towards building several miles of the Southmost Nature Trail, a hike & bike facility.

All Ages & Abilities Facilities

Active transportation facilities which are designed and built to provide a high comfort level of all users including young, old, or disabled, is a more equitable approach to include more people in the active transportation network. All ages and abilities facility types focus on intuitive design, separation from motor vehicles, and a high level of comfort along all segments of the route. Occasionally, bike facilities may often have gaps which place vulnerable users in an uncomfortable position on the roadway, whereas all ages and abilities facility types will have a continuous and connected system.

Safe Routes to School Programs

Safe Routes to School (SRTS) programs aim to improve the ability to walk, bike, or wheel to schools. The program works with parents, schools, and local governments to prioritize and select projects that improve active transportation access to schools and ensure safe and comfortable routes for all students.

Open Streets Events

Also known as "Ciclovias" or Sunday Parkways, Open Streets events are dedicated to non-vehicle use for a pre-determined period of time. Residents use the streets for active uses such as exercise, games, or playing music. Community vendors, and business may be involved to incorporate local traditions. The purpose of Open Streets events is two-fold; one, to provide an opportunity to build community and enjoy public space in a safe, quiet environment, and two; promote and encourage residents to use active modes of travel such a waking, biking, or transit, for daily activities. Municipalities or local non-profits group can both host such events, and often the two work in unison to accomplish the event. Openstreetsproject.org provides many resources and tools for communities who would like to start an open streets event.

Social Behavior Change Programs

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Many urban areas have begun to offer residents who are interested in learning more about using active modes of travel additional information and support. Municipalities, transit agencies, and non-profit groups have maintained such programs to help reduce single occupancy vehicle trips, and increase trips made by walking, biking or taking transit. Generally, programs work with individuals who are already interested, or who have considered making such changes, as not to waste effort with those residents who are not interested or ready to change their mode of travel. Community events, social media campaigns, and door to door marketing are all methods used to communicate with residents who choose to participate with the program. Successful programs have been shown to accomplish reductions in vehicle miles traveled within the communities the program is active.

Complete Streets

The concept of "Complete Streets" is rooted in the idea that roads should be built with all users in mind, not just the private automobile. While Complete Streets principles include many TDM and TSMO strategies, the concept focuses less on improving traffic conditions and more on the livability of places. Complete Streets strategies address the needs of all users of the transportation system, including the young and the old, the disabled, and users of transit or non-motorized forms of transportation. They yield a wide range of benefits related to safety, equity, access, economic development, air quality, health, and livability. While policies adopted by local governments represent most Complete Streets policies adopted nationwide, MPOs can be integral partners in promoting and implementing Complete Streets strategies.

Transportation System Management & Operations

Transportation System Management and Operations (TSMO) strategies seek to improve the performance of existing roadways through increased efficiency and throughput of people on current infrastructure. TSMO strategies not only rely on traffic engineering solutions (such as signal synchronization and access management) to optimize the existing system but also rely on resource utilization, infrastructure, personnel, and data management strategies to extend the useful life of the existing transportation system and improve its reliability.



Exhibit 4-2: Traffic Stop at Harrison Ave in Harlingen

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Best Practices

TSMO strategies employed successfully in other cities can serve as best practices for optimizing the performance of the existing transportation system to reduce congestion and improve safety.

Maintenance

Infrastructure maintenance is a critical aspect of TSMO. Most infrastructure management agencies prefer to schedule routine repairs and inspections instead of embarking on ad-hoc patching and repairing. Schedule management for inspection and street repairs will enable city and county personnel to efficiently use limited resources. Regularly scheduled roadway resurfacing is necessary to provide uniform improvements to the existing roadways and to extend their useful life. Older roads, especially those built according to discontinued standards, should be reviewed in order to upgrade deficient sections based on modern design standards.

Electronic Infrastructure

Transportation infrastructure is no longer limited to concrete pavement and asphalt. Recent improvements in operations and data collection methods have led to digital controls and integrated computer networks that require maintenance and management. Older technologies are being systematically replaced with newer options.

Some of the opportunities for advancing the RGV planning area's electronic infrastructure come in the form of Intelligent Transportation Systems (ITS), which includes technologies that improve transportation safety and mobility by integrating advanced communications into infrastructure and vehicles. The following electronic infrastructure have the potential to provide the RGV planning area with improved safety and mobility for the transportation network:

- **Ramp Meters:** Ramp meters are traffic signals installed on the entrance ramps of freeways that alternate between red and green light signals to control the flow of vehicles as they enter the freeway facility. This infrastructure allows for more controlled merging movements and could therefore provide benefit on major roadway entrance ramps where merging has proven to be particularly dangerous.
- **Traveler Information Systems (TIS) on Dynamic Message Signs:** TIS is a strategy that involves making information about trip departures, routes, and travel time readily available to travelers and can be provided for a variety of modes of transportation. This can be accomplished via websites, telephone hotlines, television, and radio, and particularly with dynamic messaging signs, which are digital signs that are installed along roadways and are updated with real-time travel information.
- **Signal Preemption for Emergency Vehicles:** Signal preemption is a technology that allows emergency vehicles to change signal cycles, allowing them to advance through traffic lights efficiently and safely. A preemption device is located on mast arms and detects/alters signal cycles when emergency vehicles approach the intersection. This

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technology is most effective along roadways in which emergency vehicles will typically need to travel longer distances, or intersections where minor arterials/roads connect to larger road classifications. The end goal for signal preemption is to reduce overall response rates for emergency vehicles.

- **Video Detection (or other types of non-pavement invasive detection) at Signalized Intersections:** Also known as a traffic detector, video detection as well as non-pavement invasive detection allow for the collection of traffic information, such as vehicle presence, volume, speed, and occupancy.

It is important to note that while red light cameras are a form of ITS, on June 1, 2019 the State of Texas enacted House Bill 1631 banning the use of this infrastructure with an effective date of September 1, 2019.

The RGVMPO should continue to explore opportunities to improve the electronic infrastructure of the region as technologies continue to improve and become more cost effective.

Traffic Signal & Intersection Improvements

Roadway users encounter traffic control signage and intersection signals on nearly every route they travel. While the primary function of intersection traffic control is to improve safety at intersections, it is also often a significant source of delay. Improper signage and poor signal timing results in unnecessarily long queues and impacts the reliability of the transportation system. Improving signage, signal timing, and equipment is a cost-effective way to facilitate traffic flow along a corridor. One example occurring in the RGVMPO planning area is a product of the HC MPO congestion mitigation efforts. Accordingly, the TPC has approved the expenditure of $1 million in Category 7 funding for addressing operational improvements. The funds are being used to purchase new control boxes, clocks, etc. for McAllen, Pharr, Mission, and Edinburg in a regional attempt to address light synchronization.

The RGVMPO can continue to work with its planning partners to identify corridors which would benefit from traffic signal and intersection improvements and to prioritize projects.

Additionally, the Brownsville MPO has taken steps to improve intersections for pedestrians along wide or highspeed corridors, such as installing median pedestrian islands on Boca Chica Blvd to made conditions for pedestrians safer. Brownsville MPO also finds that roadways are congested in close proximity to traffic signals, as shown by an analysis in the 2019 Congestion & Delay Report. To reduce this delay, funding can be used to improve signal timing, thus reducing delay, lowering fuel costs for car users, and reducing emissions. The City of Brownsville is also investing funding to install rimes at 105 locations to improve traffic flow.

Traffic Signal Optimization

The timing and phasing of signalized intersections should be reviewed periodically, especially in areas of the region experiencing rapid development or increased commercial activity. Traffic signals can also be coordinated along a corridor or throughout an entire system. As traffic volumes increase, signal coordination can be used to optimize high priority traffic corridors and increase the throughput of critical thoroughfares.

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Adaptive signal control, which adjusts the timing of traffic lights based on real-time travel conditions, can also provide significant relief to congested corridors and cut costs associated with traffic signal timing data collection and computation.

Brownsville MPO has made significant investments with Category 7 funding to improve traffic flow by setting aside 10% of Category 7 for CMP related improvements. This type of improvement is far less expensive for the MPO, than is a build or capacity-oriented solution for solving congestion issues. Though the success cannot yet be measure for the traffic signal improvements, due to continuing installation. However, the MPO has received feedback from the public who have praised the installation of adjacent sidewalk, pushbutton and crosswalk signals related to the traffic signal upgrades.

Access Management

Access management refers to the regulation of the number of access points between a development and the adjacent roadway network. Many access management solutions involve installation of roadway medians where feasible to guide turning movements to the appropriate locations and improve traffic flow and safety. Another example of access management is optimizing the number and locations of driveway curb cuts in commercial or industrial zones.

Brownsville MPO recognizes access management as a critical piece of managing the transportation system effectively. MPO staff have helped sponsor workshops for TAC member and Brownsville city staff to attend. The MPO sees many benefits from access management tools such as placement of laminations on the number and spots that curb cuts are permitted along a roadway.

Targeted Traffic Enforcement

Consistent and reliable enforcement of traffic laws helps address public concerns about traffic issues. Focused speed studies (using radar trailers and traffic counters) and enforcement can be employed in the RGVMPO planning area to discourage speeding on roadways within the region.

Traffic Calming

Because there are many instances where the number of aggressive drivers is greater than the capacity to enforce traffic laws, many cities and counties have implemented various "self-enforcing" speed and volume control devices. Most of these measures are referred to as "traffic calming." These physical devices can assist law enforcement in influencing driver behavior.

Most traffic calming measures are applied to residential streets, though certain measures can be applied to higher volume roadways as well. Broadly defined, the goals of traffic calming measures are:

- To slow down the average vehicle speeds for a roadway;
- To address excessive volumes for a roadway; and

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- To make drivers aware of the context and surroundings of roadways.

Traffic calming measures can sometimes impact access and response time for emergency personnel. Representatives of fire, police, and emergency services departments should be involved in the review of proposed traffic calming devices. The RGVMPO can work with its planning partners and emergency response agencies to identify locations suitable for traffic calming implementation. Common examples of traffic calming installations include:

- Speed humps or cushions
- Bulb outs
- Chicanes
- Raised crosswalks
- Traffic circles

Traffic Incident Management

Traffic Incident Management (TIM) consists of a planned and coordinated process to detect, respond to, and quickly clear traffic incidents so that traffic flow may be restored as safely and quickly as possible. Effective TIM strategies reduce the duration and impacts of traffic incidents and improve the safety of motorists, crash victims, and emergency responders. Traffic incident management involves coordination among several public and private sector partners, including:

- Law enforcement
- Emergency management and preparedness
- Fire and rescue
- EMS
- Towing and recovery
- Transportation departments
- Hazardous materials contractors
- Public safety communications
- Traffic information media

Traffic Data Collection

As transportation technology grows increasingly sophisticated, obtaining the amount of data required by new traffic optimization interfaces presents significant challenges to due to fiscal constraints. Automated traffic data collection creates an opportunity for transportation management agencies to receive a continuous supply of traffic data at a low cost. Because automated traffic data collection gathers data in real time, it facilitates many of the demand responsive TSMO strategies discussed earlier in this chapter (such as traffic signal

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optimization). New types of traffic data collection, such as Bluetooth and Wi-Fi detectors, are particularly appealing due to their lower operational and maintenance costs compared to in-road loop detectors. These types of detectors have the added benefit of being able to gather traveler information beyond traditional roadway vehicles to include bicycle and pedestrian roadway users.

Leveraging Emerging Technologies

In addition to the implementation of some the Intelligent Transportation Systems (ITS) mentioned above, the emergence of new technologies and the adoption of policies and legislation will provide future decision makers with a new set of strategies to implement.

Connected & Autonomous Vehicles

Connected and autonomous vehicles (AV) can be integrated into existing ITS architecture and could potentially improve mobility, traffic operations, and safety. Automated public transportation could help reduce congestion and the space needed to accommodate single-occupant vehicles, while also potentially improving efficiency and reducing fatalities and severe injuries due to fewer drivers on the road. This technology could also benefit freight and economic growth, since improved travel times and traffic operations could have positive impacts on the economic vitality of rural and urbanized areas within the region. The National Association of City Transportation Officials (NACTO) provides some advice and guidance about AV in their "Blueprint for Autonomous Urbanism," found at nacto.org/blueprint, and the Society of Automotive Engineers (SAE) and the National Highway Traffic Safety Administration (NHTSA) are working to provide guidance for safety and programming levels of automation. Staff of the urban area can help the development and deployment of these technologies throughout the region by beginning discussions on policy and land use, as well as keeping its planning partners informed about developments in autonomous vehicle technology.

Smartphone Applications

As previously mentioned, TNCs and rideshare applications for smartphones are already influencing how people are choosing to commute. Uber recently unveiled (February 2018) their new "Express Pool" service in the Washington D.C. Metro Area. This new service utilizes traffic analytics and routing software to reduce backtracking and rerouting to pick up multiple passengers, as was the case with their "UberPool" service. In exchange for significant discounts and more direct routing, riders are picked up within two blocks of their origins, and dropped off within two blocks of their destinations, which entails passengers walking more at the beginning and end of their trips.

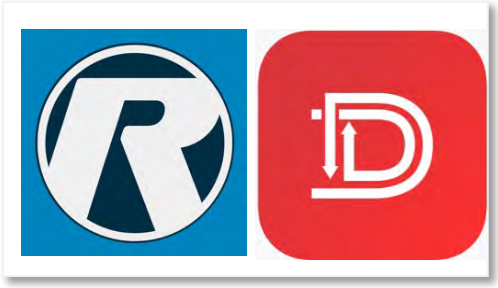


Exhibit 4-3: Smartphone apps that provide riders with maps and real time arrival information

Smartphones are also already being used at Metro McAllen, Valley Metro, and Brownsville Metro to improve transit service and user experience through route information apps. The Metro McAllen, Brownsville Metro, and Valley Metro Transit Agencies can continue to work

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with its planning partners to develop or enhance the functionality of smartphone transit applications to further encourage travelers to use transit.

Brownsville MPO

The Brownsville MPO adopted a "set – aside" policy some years ago, to fund operational improvements. These Category 7 improvements (below) involved traffic signal optimization, as well as installation of pedestrian push buttons and sidewalk improvements, at some locations:

- SH 48 (Boca Chica Blvd) – McClleand to Medical
- Morningside Road at Central Ave
- FM 1419 – Polk Ave to IH 69E
- Morningside Rd at Apollo St
- SH 48 (Padre Island Hwy) – Minnesota to FM 802
- SH 48 (Padre Island Hwy) – Walmart Dr to FM 802
- FM 1419 – International Boulevard to 23rd St

Unfortunately, construction activities for these improvements were still underway in 2019; thus, the MPO was unable to collect data (after completion) to assess the benefits and efficacy of these investments.

Safety & Security

The FAST Act requires that the transportation planning process address both the safety and security of the transportation system for motorized and non-motorized users. Federal guidelines define safety as "freedom from unintentional harm," and define security as "freedom from intentional harm."

The RGVMPO is responsible for addressing safety and security through the programming of transportation improvements. The MPO's role in implementing specific safety and security measures may be limited, but its role in coordinating regional transportation needs between the various local, state, and federal transportation agencies is vital to creating successful safety and security policies. By integrating the safety and security goals and objectives of regional stakeholders into the transportation planning process, the MPO can ensure that its plans and studies are consistent with and help support safety and security planning in the RGV planning area.

The following sections discuss the various agencies involved in safety and security planning in the RGVMPO planning area and present local, regional, and state plans and programs that are currently in place.

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Texas Strategic Highway Safety Plan (SHSP)

Adopted in 2016, the Texas SHSP's mission is "Texans will work together on the road to zero traffic fatalities and serious injuries." The SHSP also adopts a "Towards Zero Deaths" (TZD) vision consistent with the TZD National Strategy sponsored by the Federal Highway Administration (FHWA), National Highway Traffic Safety Administration (NHTSA), American Association of State Highway and Transportation Officials (AASHTO), and the Governors Highway Safety Association (GHSA).



Exhibit 4-4: Business 77 with two-way left turn lane in San Benito

The plan identifies safety concerns and classifies them into seven key emphasis areas. The plan describes the trends in fatalities within each emphasis area, defines a specific target for 2022, and suggests strategies that should be undertaken to achieve the performance targets that are tailored to the unique circumstances of crashes within each emphasis area.

The strategies recommended in the SHSP should provide the basis for countermeasures that the RGVMPO consider addressing crash types and locations, as well as driving behaviors, that are responsible for the greatest number of crashes in the region – particularly those resulting in serious injuries or fatalities. A discussion of crash types and locations can be found in Chapter 3.

Highway Safety Improvement Program (HSIP)

The HSIP is a Federal-aid funding program administered by state DOTs. Its goal is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned public roads and roads on tribal lands. The program must be consistent with the Texas SHSP and report annually on the following:

- HSIP program structure;
- Progress towards implanting HSIP-funded projects;
- Progress made in achieving safety performance targets; and
- Assessment of the effectiveness of implemented improvements.

TxDOT selects projects for implementation through HSIP following a data-driven approach that identifies safety problems in a systemic manner, identifies countermeasures to address them, and prioritizes projects based on the goals and objectives outlined in the SHSP.

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Texas Department of Emergency Management

The state emergency management program is coordinated by the Texas Division of Emergency Management (TDEM). This program is intended to ensure the State and its local governments respond to and recover from emergencies and disasters. The program also implements plans and programs to help prevent or lessen the impact of emergencies and disasters, as well as programs to increase public awareness about threats and hazards.

The TDEM also coordinates emergency planning and administers disaster recovery, hazard mitigation, and homeland security grant programs in the state of Texas.

Harlingen-San Benito MPO

As safety has been a primary concern for the HSB MPO, the "4-Es" of traffic safety are used to improve safety on roadways. The "4-Es" of traffic safety are Engineering, Enforcement, Emergency services, and Education. By using each of the "4-Es" the HSB MPO has taken steps to reduce crashes on roadways in the MPO planning area through safety related investments.

Several hurricane evacuation routes also pass through the HSB MPO, which are vital roadways during emergency management events. The prioritization of these roadways in the project identification process is key to keeping a properly functioning disaster preparedness program.

Four international border crossings exist in the MPO planning area. Border security is vital to the region, state, and country, so interagency collaboration is needed to protect transportation infrastructure.

Hidalgo County MPO

The HC MPO has worked with state and federal agencies to study and monitor safety in the planning area while working locally to make the transportation system safer.

The implementation of the Traffic Incident Management System (TIMS) was developed in 2010 to analyze state crash records and help guide decisions on where to make roadway improvements. This data is also used to assess specific roadway areas for pedestrian, cyclist, transit, and freight safety, as well as where roadway improvements can be made.

Disaster preparedness is also a primary concern for the region and the HC MPO worked closely with TxDOT and the Lower Rio Grande Valley Development Council (LRGVDC) to coordinate plans for the event of a natural disaster.

Six international border crossings are present in the Urban Area Boundary of the HC MPO. Close relationships have been formed with U.S. Customs and Border Protection along with the City of Reynosa, in Tamaulipas, Mexico in order to provide security to border crossings and bridges that connect the region economically and socially to Mexico.

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Brownsville MPO

The 2040 MTP update included four policy statements regarding safety and security planning, which are as follows:

- The Brownsville MPO supports, along with transportation partners, the development of a safe transportation system for all users (pedestrian, bicycle, private auto and trucking and public transportation).
- The Brownsville MPO will examine and consider increased transportation system security when evaluating or sponsoring funding requests for transportation improvement projects.
- The Brownsville MPO will champion or support agency coordination, training and information-sharing efforts to promote security preparedness within the MPO planning area.
- The Brownsville MPO will seek available funding to strengthen the security of the MPO's transportation system.

Directed by these policy statements, the Brownsville MPO has enacted various methods of incorporating safety and security measures. For example, in the project identification process, rankings included points for safety, and FHWA-sponsored safety workshops have been held for MPO and local staff members.

The MPO also holds a liaison with many agencies such as U.S. Homeland Security, Brownsville Police Department, and the Cameron County Police department. The MPO rarely acts as a lead on security issues, but rather cooperates with and assists proper authorities.

The City of Brownville Office of Emergency Management and Homeland Security (OEMHS) serves citizens by making plans to prepare for and respond to emergencies or disasters, either man-made or natural.

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No-Build Recommendations

The following are recommendations for no-build strategies in no order:

- Seek funding to conduct a regional transit study within the entire planning area to better understand urban and rural transit needs, and to better serve the population by improving coordination of transit services in the region;
- Encourage policy committee prioritization of and municipal investment in facilities and programs that promote active modes of transportation such as walking, transit, or bicycling.
- Consider enacting a regional TDM program at the MPO level in order to better coordinate programs within multiple counties and municipalities.

- Consider giving funding preference to projects that incorporate TDM and TSMO strategies, reflect Complete Streets design principles, or set regional multimodal transportation goals and objectives through a robust public involvement process.

Build Strategies for Unmet Needs

This section builds upon the work completed as part of the needs analyses discussed previously to identify deficiencies in the RGV planning area's transportation network. This section outlines the steps taken to address or mitigate the deficiencies identified by developing an unconstrained list of possible improvements to the transportation network, and then developing a project prioritization process and ranking those improvements according to community values.

Project Identification

No-build strategies were considered and potential projects to expand or build new facilities were examined. The results of technical reviews, available planning studies, highway and corridor studies, consultation with community members and other stakeholders. The RGVMPO 2045 MTP projects were identified by each individual MPO and include existing projects, projects from the 2040 MTP, and a call for projects during the development of this MTP.

Harlingen-San Benito MPO

As part of the development of the 2045 MTP, HSB MPO conducted a call for projects, in which several new projects were submitted. Both new and old projects were scored and ranked based on the criteria discussed below. Results of the prioritization process are outlined in Chapter 8 – Staged Improvement Plan.

Hidalgo County MPO

Building off its efforts from the 2040 MTP, HC MPO elected to keep its existing project list for the development of the 2045 MTP. A new call for projects will be initiated for the singular RGVMPO 2045 MTP, which will be developed in late 2019 and 2020. The project ranking and priority remains consistent with previous efforts.

Project Selection

Harlingen-San Benito MPO

As discussed in Chapter 2, the FAST Act, requires the transportation planning process for metropolitan areas to consider strategies and projects that address ten planning factors:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness;
2. Increase the safety of the transportation system for motorized and nonmotorized users;

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3. Increase the security of the transportation system for motorized and nonmotorized users;
4. Increase accessibility and mobility of people and freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
10. Enhance travel and tourism.

Based on these planning factors, a set of project evaluation criteria was developed for HSB MPO to ensure each aspect of the factors was taken into consideration in assessing the merits of the proposed projects. The criteria are:

Improve Safety

Safety means protecting against unintentional harm and relates to both motorized and non-motorized modes of travel.

Improve Security

Security means protecting against intentional harm and relates to both motorized and non-motorized modes of travel.

Protect the Environment

Protecting the environment means safeguarding the natural and built characteristics of a community. Important environmental protection issues are maintaining clean air and protecting against floods.

Promote Efficiency

Efficiency means improving system management, preserving the existing transportation system, and reducing the cost to provide services or infrastructure.

Support Economic Development Goals

Economic development is the sustained effort to improve the wealth and standard of living of a community. Economic development goals are framed by the economic development plans of the local jurisdictions and can be impacted by many factors, one of which is the transportation

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system. Some of these goals include enabling global competitiveness, productivity, and efficiency.

Reduce Congestion

Congestion means a roadway system is operating at speeds slower than that for which it was designed. Congestion levels can be measured quantitatively, but the tolerance for congestion is defined locally. For example, individuals living in the RGV may find levels of congestion that are far below what is experienced regularly by the citizens of Los Angeles as unacceptable. Therefore, congestion is evaluated both quantitatively and qualitatively based on input from the public.

Improve Access

Improving access involves controlling and managing the ingress and egress points to a transportation facility by balancing the number of access points and traffic efficiency on a transportation facility, rather than merely increasing the number of access points.

Connect Modes of Travel

Connecting modes of travel means ensuring that people and goods can transition easily from one mode to another.

Conserve Energy

Conserving energy means using fewer natural resources while using the transportation system.

Support Land Use Goals

Land use encompasses the human activities undertaken to modify the natural environment. Land use goals of the community are defined by the planning ordinances and land use plans of the local jurisdictions, as well as through the public visioning process.

Increase Street Connections

Street connectivity is the ease by which people and goods can move to their desired destinations. Connectivity relates not only to travel within the community, but also to external destinations - regional, national, and international.

Improve Quality of Life

Quality of life is the personal satisfaction or general sense of well-being an individual or society experiences. The transportation system can have both positive and negative impacts on a region's quality of life. Examples of ways that the transportation system can have a negative impact on the quality of life in a community are: addition of access points to a neighborhood that encourages through traffic and endangers children at play, widening of roadways to improve port access that also encourages truck traffic carrying hazardous materials to travel through residential neighborhoods, an increase in noise or pollution from added lanes, lack of aesthetic amenities along roadways, or lack of restrictions on the

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movement of heavy trucks through historic neighborhoods causing destructive vibrations in historic structures. Examples of positive impacts on quality of life include: low speeds on neighborhood streets creating safe and quiet spaces, congestion free streets where people reach their destinations in reasonable amounts of time, complete streets which provide options for people to take modes of transportation that best suit their needs.

Increase Multimodal Options

Increasing multimodal options means constructing or developing systems and infrastructure that support active travel modes for people and goods that do not currently exist in the community, thereby allowing individuals to select the most convenient mode of travel given their destination and/or purpose of their trip. Strategies for increasing multimodal options can include: expanding public transportation into previously unserved areas, expanding the hours of operation for a transit system, increasing the number of streets with sidewalks, increasing intermodal freight transfer facilities, increasing park and ride facilities, increasing the number of sidewalks that meet ADA accessibility requirements, and increasing the number of lanes miles with all ages and abilities bike facilities.

Preserve Rights-of-Way

Preserving rights-of-way means acquiring land prior to development in anticipation of future transportation infrastructure expansion. When streets and highways are expanded, either through the addition of miles or the widening of existing roadways, land must be purchased. The more developed the area, the more expensive it is to acquire the land.

Brownsville MPO

The process for the Brownsville MPO was slightly different than that of the other MPOs. MPO staff worked closely with the MPO Technical Committee and TxDOT staff to create a scoring methodology adopted by the MPO Policy Committee in February 2019. Safety concerns are heavily considered through this process, and proposed projects are given a "high," "medium," or "low" safety score.

Points are then awarded to each specific project by the MPO Technical Committee. **Table 4-1** shows the point system used to establish rankings of projects for the 2045 MTP.

Table 4-1: Brownsville MPO Project Selection Criteria

Criteria for MPO Review/Assessment:	**Possible Award of Points:**
A. Improvement services to increase safety.	13 points (max.)
B. Completes a gap or provides an alternative route.	9 points (max.)
C. Provides for alternative modes (e.g. transit, bicycle/sidewalks)	11 points (max.)

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Criteria for MPO Review/Assessment:	Possible Award of Points:
D. 1. Responds to CMP issues; 2. Reduces travel time or trip length.	11 points (max.)
E. Improves air quality	4 points (max.)
F. Project is of Regional significance	8 points (max.)
G. Improve functioning of the MPO network/add new location	7 Points (max.)
Special Circumstance- e.g., site for a new employer; or Public/Pvt. Partnership	11 Points (max.)

CMP Related Investments

In 2015, due to the BMPO's Congestion Management Process (CMP), the Brownsville MPO established a "set-aside" policy to find operational improvements. These types of improvements are quite often less expensive than adding capacity or widening of roadway corridors. It was determined by the MPO to set aside 10% of the Category 7 monies for operational (CMP) improvements; for a two-year period, and to assess the results.

Since the Category 7 allocations totaled about 4 million dollars per year, two years of set aside funding represented $800,000. As it turned out, the MPO funded signal optimization at seven locations in Brownsville, with a larger expenditure of 1.1 million dollars.

Assessment of these particular locations in terms of roadway conditions has not taken place. The reason is that these seven signal improvements are being completed now; as this MTP document is being finalized. Thus, the MPO has been unable to determine the effectiveness of these investments, in terms of aiding traffic flow. It should be noted that one aspect of these Category seven (7) investments has already been successful.

MPO staff have received a significant number of public comments praising the utility of the sidewalk improvements installed adjacent to these signal locations. In addition, pedestrian push buttons, will crosswalk signals, are being installed at all these seven signal locations. This will aid safe travel for pedestrians.

Another MPO-sponsored investment that pertains to CMP issues is pending the start of construction. The SH 48 raised center median improvements involve a 3-million-dollar investment to improve traffic flow within a 3-mile segment of the Boca Chica Boulevard Corridor. This project was selected due to its potential for improving traffic flow.

The limits are from IH-69E eastward to the SH 4/SH 48 intersection. Traffic flow will be improved by the elimination of many conflict points that now exist due to the center turn lane. Also, the number of accidents that take place on this roadway will be reduced, due to the elimination of conflict points.

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2019 Congestion & Delay Study

Operations & Maintenance / Access Management

Access Management is recognized as a critical element for effective management and operations of the transportation system.

The BMPO staff have helped sponsor several Access Management Workshops in Brownsville for Technical Committee members, as well as several City of Brownsville staff to attend.

Unfortunately, City staff have not taken the necessary steps to formulate and thereby receive Commission consideration of adoption of a City ordinance to adopt such policies. With the on-going restructuring of the City departments, this situation appears about to change.

There are several benefits to be derived from the use of Access Management tools, such as the placement of laminations on the number and location of curb cuts alongside arterial roadway.

The CMP, as defined in federal regulation, is intended to serve as a systematic process that provides for safe and effective integrated management and operation of the multimodal transportation system. The process includes:

Development of congestion management objectives

Establishment of measures of multimodal transportation system performance

Collection of data and system performance monitoring to define the extent and duration of congestion and determine the causes of congestion

Identification of congestion management strategies

Planned Investments for Traffic Signals

As outlined in the Congestion Management Process (CMP) section, the City of Brownsville is investing funds to install new timers for 105 traffic signal locations.

Proper traffic progression is thwarted when signal synchronization fails due to faulty timers operate (maintain) the traffic signals within the City of Brownsville.

There are plans now being developed by the City of Brownsville to invest significant funds to upgrade and improve the progression. This would occur for all signals within entire roadway corridors. Such investments are needed as adding capacity is usually not an option for several Brownsville roadway corridors.

Visioning Workshop Feedback

During the visioning process the public was asked to rank the criteria based on their personal preferences. The results were combined to assign a final ranking of the evaluation criteria based on community values.

Harlingen-San Benito MPO

The HSB MPO developed an online survey that allowed the public to provide input on the evaluation criteria for scoring proposed MTP projects that integrates local values into the scoring process. **Table 4-2** shows the rankings of the evaluation criteria resulting from the visioning process for HSB MPO and the number of assigned bonus points for each criterion.

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The evaluation criteria were awarded as additional bonus points for each project based on the proportion of the average Project Team score compared to total available points. The final project ranking is outlined in Chapter 8 – Staged Improvement Plan.

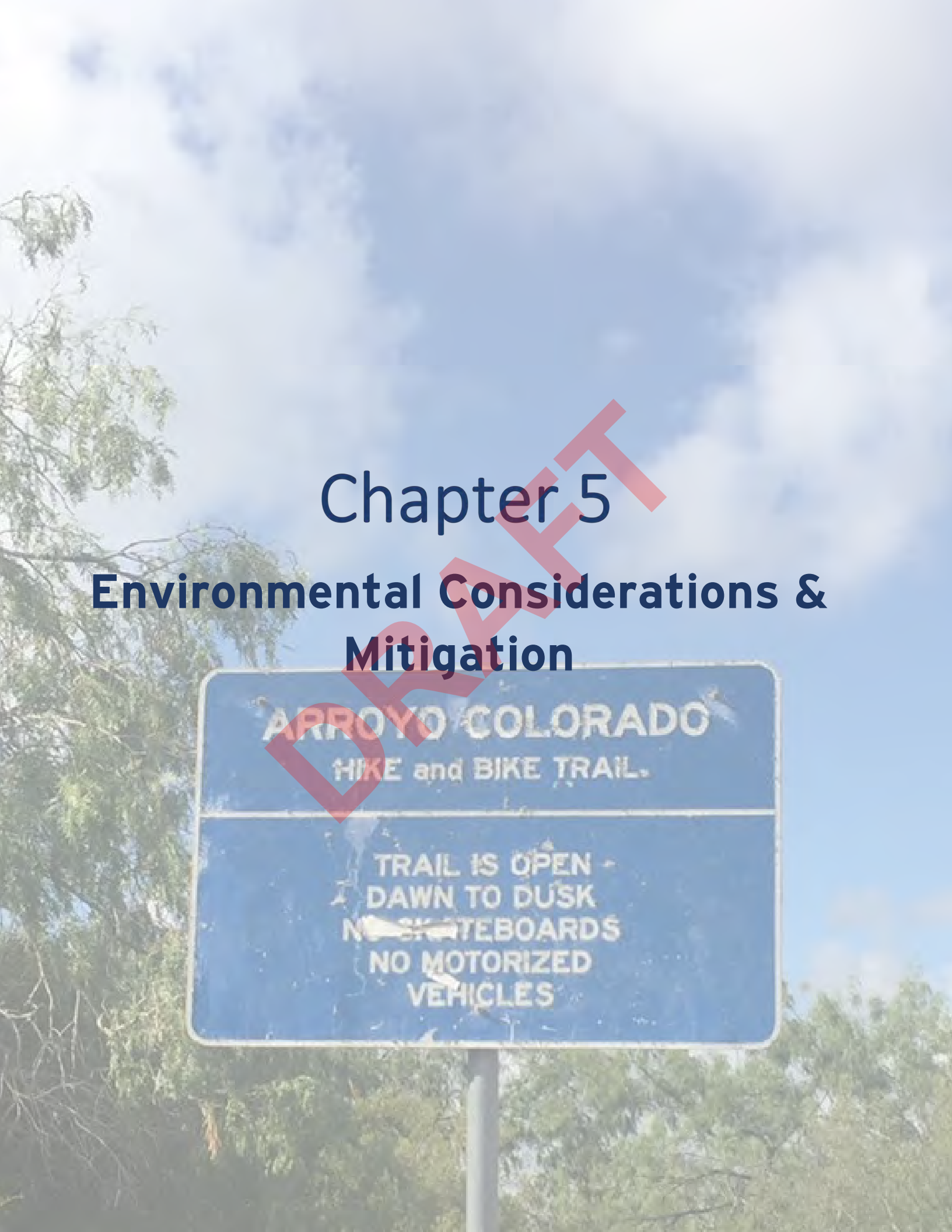
Hidalgo County MPO

The HC MPO adapted the visioning process to inform and lead towards the development of a larger regional vision. Due to the merger of the three MPOs the project selection process was put on hold until the newly formed RGVMPO could readdress the process from a larger regional perspective and as additional funding becomes available.

Table 4-2: Evaluation Criteria Bonus Points

Criteria	Weighted Bonus Points
Increase Connections	2
Promote Efficient System Management and Operation	2
Improve Safety and Security	2
Support Land Use and Economic Development Goals	1.9
Enhance Travel and Tourism	1.9
Reduce Congestion	1.8
Improve Quality of Life	1.7
Improve Access	1.6
Preserve Right-of-Way	1.6
Improve Resiliency and Reliability of the Transportation System and Reduce or Mitigate Storm Water Impacts of Surface Transportation	1.6
Protect the Environment	1.5
Increase Multimodal Options and Energy Conservation	1.4

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Chapter 5

Environmental Considerations & Mitigation

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ENVIRONMENTAL CONSIDERATIONS & MITIGATION

Metropolitan transportation planning is not solely concerned with the best way to move people and goods. In addition to mobility concerns, the planning process also examines the interaction of proposed transportation improvements with the natural and human environment. For the purposes of the MTP, potential impacts on environmental resources and quality of life in the region are evaluated at a system-wide level.

A more detailed analysis of the specific impacts associated with a project is typically performed later in the project development process to fulfill requirements under the National Environmental Protection Act (NEPA).

The primary goal of the Environmental and Equity Assessment is to evaluate whether the proposed program of unconstrained potential transportation improvements may negatively impact the environment or result in disparate impacts to certain populations. It is intended to serve as a guide for implementing agencies and elected officials as projects progress through the development process.

While it is not always possible to avoid negative impacts to environmentally sensitive areas, the goal of the environmental mitigation analysis is to balance the need for transportation improvements with environmental protection and quality of life considerations and, where possible, increase access to natural and cultural resources in the region. Mitigation activities should be considered during all phases of project planning, design, construction, and maintenance.

In addition to environmental and cultural resources, the Environmental and Equity Assessment addresses environmental justice considerations to ensure both the benefits and the burdens of the transportation system are distributed equitably across the region. The term environmental justice first emerged in the metropolitan transportation planning discussion in 1994 with the issuance of Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations. The executive order was based upon Title VI of the Civil Rights Act and is meant to ensure that minority and low-income populations are not adversely affected by federal actions.

Identifying potential impacts on the environment, as well as low-income and minority populations, involves a three-step process that includes:

- Defining and developing an inventory of environmental resources/minority and low-income populations;
- Identifying and assessing the potential impacts of proposed transportation improvements on these resources; and
- Addressing possible mitigation activities system wide.

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Environmental Analysis

One element of the Environmental and Equity Assessment involved conducting an analysis on the environmental features, environmental hazards, and cultural assets that exist in the MPO's planning area.



Exhibit 5-1: Heavin Resaca Trail in San Benito

This environmental analysis identifies the types of environmental features, environmental hazards, and cultural assets that are present in the RGVMPO planning area and considers their distribution and concentration. This information not only provides a more holistic picture of the current state of the planning region – it also informs the project prioritization process, where proposed transportation projects will be ranked based on various performance measures, including whether each project has a positive, neutral, or negative impact on the environmental and cultural elements in the region.

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Existing Environmental Features & Hazards

Harlingen-San Benito MPO

The Harlingen-San Benito Metropolitan Planning Organization's (HSB MPO) planning area has over 1,000 miles of running water features, such as creeks, streams, and rivers. In addition, there are large areas of floodplains scattered across the region, with higher concentrations found north and south of the City of Harlingen. Overall, there are approximately 123 square miles of floodplain within the HSB MPO planning area. Although there are a few more notable concentrations of wetlands in the west, east, and far south, in most of the region wetlands exist as small strips lining the resacas and the irrigation canals in the Water Control & Improvement Districts. These swaths of wetland are classified as riverine wetlands, which are round in floodplains and along streams and other water channels.[1] In all, the HSB MPO planning area contains approximately 12 square miles of wetlands.

In addition to the environmental features discussed above, a set of 35 potential environmental hazards were identified in the planning area. These hazards included municipal solid waste sites, Toxics Release Inventory (TRI) sites, and one brownfield site. According to the US Environmental Protection Agency (EPA), the sites in the TRI are sites/facilities that release certain toxic chemicals into the air, water, or into a land disposal. Sites that are part of the TRI program must report a variety of activities and information to the EPA on an annual basis.

[1] US Environmental Protection Agency, "Methods for Evaluating Wetland Condition: #7 Wetlands Classification" (Washington, DC: Office of Water, 2002)
https://www.epa.gov/sites/production/files/documents/wetlands_7classification.pdf

Most of the environmental hazards identified are located at central latitudes within the region, with some concentrations of hazard sites along IH 69E in west Harlingen and near the Arroyo Colorado in east Harlingen. **Figure 5-1** shows the various environmental features and hazards in the HSB MPO planning area.

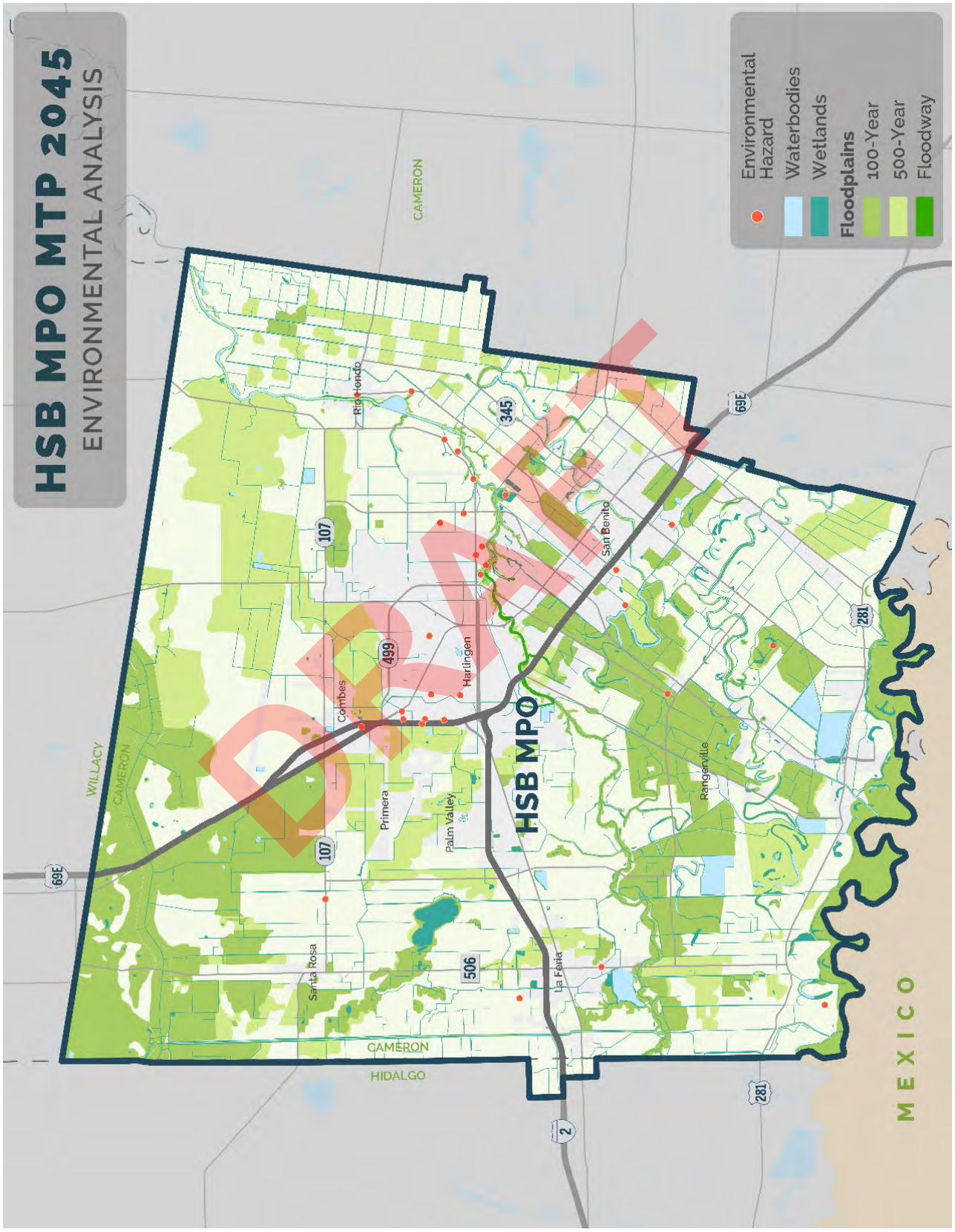
Table 5-1 contains the aggregate amounts of environmental features and hazards identified in the HSB MPO planning area.

Table 5-1: HSB MPO Environmental Features & Hazards

Environmental Feature/Hazard	Amount
Creeks, Streams, and Rivers	1,010 miles
Floodplains	123 square miles
Wetlands	12 square miles
Hazards	35 sites/facilities

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Figure 5-1: HSB MPO Environmental Features & Hazards



Hidalgo County MPO

The HC MPO planning area has over 170 miles of running water features, such as creeks, streams, and rivers. This includes the Rio Grande River, which represents 124 of those miles. Although there are a few more notable concentrations of wetlands in the northeast and along the southern border, in most of the region wetlands exist as small strips lining the resacas and the irrigation canals in the Water Control & Improvement Districts. These swaths of wetland are classified as riverine wetlands, which are found in floodplains and along streams and other water channels.[2] Riverines are the most common types of wetlands in Hidalgo County, but there are also lakes, freshwater ponds, forested/shrub wetlands, and emergent wetlands. In all, the HC MPO planning area contains approximately 48 square miles of wetlands. These wetlands serve as some of the most valuable bird habitats in the state, creating a large tourist attraction for the region, also calling for extra sensitivity when considering environmentally vulnerable areas.

In addition to the environmental features discussed above, a set of 25 potential environmental hazards was identified in the planning area. These hazards included municipal solid waste sites and Toxics Release Inventory (TRI) sites. According to the US Environmental Protection Agency (EPA), the sites in the TRI are sites/facilities that release certain toxic chemicals into the air, water, or into a land disposal. Sites that are part of the TRI program must report a variety of activities and information to the EPA on an annual basis. Most of the environmental hazards identified are located within McAllen, with a large cluster close to Granjeno. **Figure 5-2**: HC MPO Environmental Features & Hazards shows the various environmental features and hazards in the HC MPO planning area.

Table 5-2: HC MPO Environmental Features & Hazards contains the aggregate amounts of environmental features and hazards identified in the HC MPO planning area.

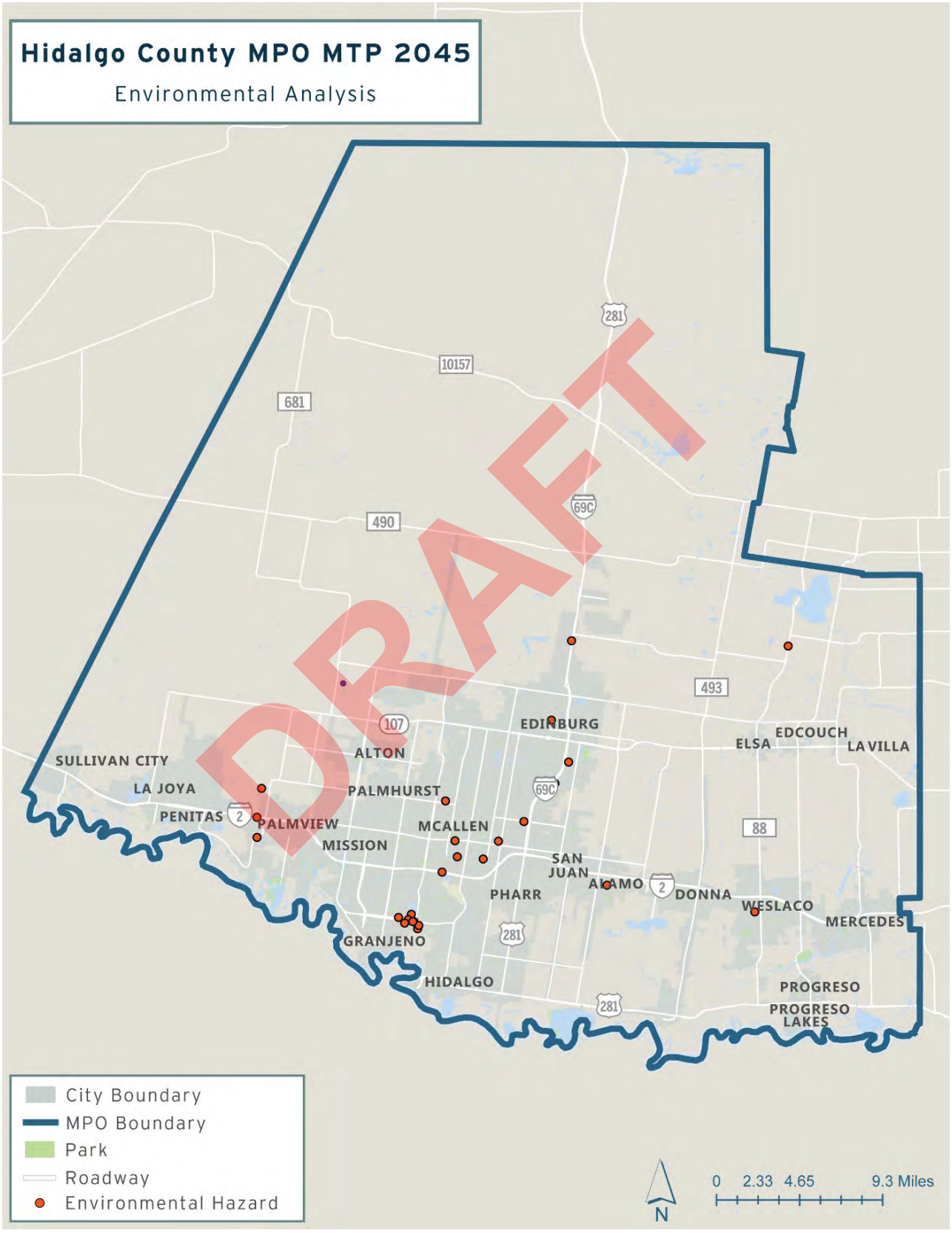
Table 5-2: HC MPO Environmental Features & Hazards

Environmental Feature/Hazard	Amount
Creeks, Streams, and Rivers	172 miles
Wetlands	48 square miles
Hazards	25 sites/facilities

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[2] US Environmental Protection Agency, "Methods for Evaluating Wetland Condition: #7 Wetlands Classification" (Washington, DC: Office of Water, 2002)
https://www.epa.gov/sites/production/files/documents/wetlands_7classification.pdf

Figure 5-2: HC MPO Environmental Features & Hazards



Existing Cultural, Community, & Civic Assets

The system level analysis also identifies cultural and community assets in the HSB MPO and HC MPO planning areas in order to understand whether the region's communities have adequate access to these assets. Improving access to such assets may have a positive impact on a proposed transportation project's score.

Harlingen-San Benito MPO

Assets with cultural or community significance were identified in the HSB MPO region, including just over nine square miles of parks and public lands, the historic district in downtown Harlingen, and a total of 70 cultural assets such as museums, historical markers, and cemeteries (including historical cemeteries). The identified cultural and community assets are distributed throughout the region. There are several areas of parks/public land in the central part of the HSB MPO planning area, although the highest concentration of larger parks/public land is located in the south near Rangerville. There are several clusters of cultural assets within some of the cities in the region, and there is also a string of assets lining US 281 in the south. Figure 5-3 shows the various cultural assets identified in the HSB MPO planning area.



Exhibit 5-2: Public Space in Hugh Ramsey Nature Park

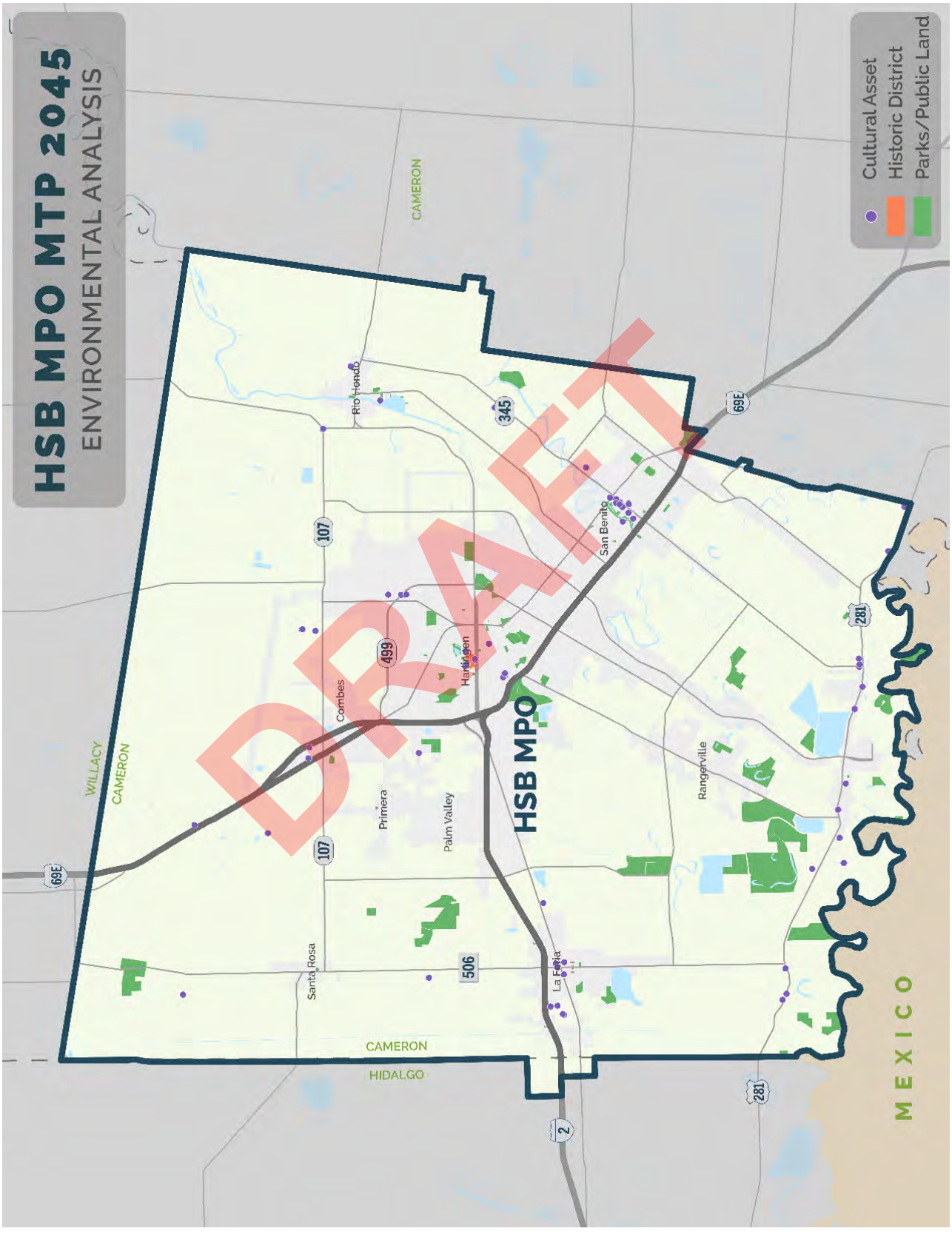
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Table 5-3: HSB MPO Cultural & Community Assets contains the aggregate amounts of cultural and community assets identified in the HSB MPO planning area.

Table 5-3: HSB MPO Cultural & Community Assets

Cultural/Community Assets	Amount
Parks/Public Land	9 square miles
Historic District	1 (under a square mile)
Cultural Assets	70 sites/facilities

Figure 5-3: HSB MPO Cultural & Community Assets

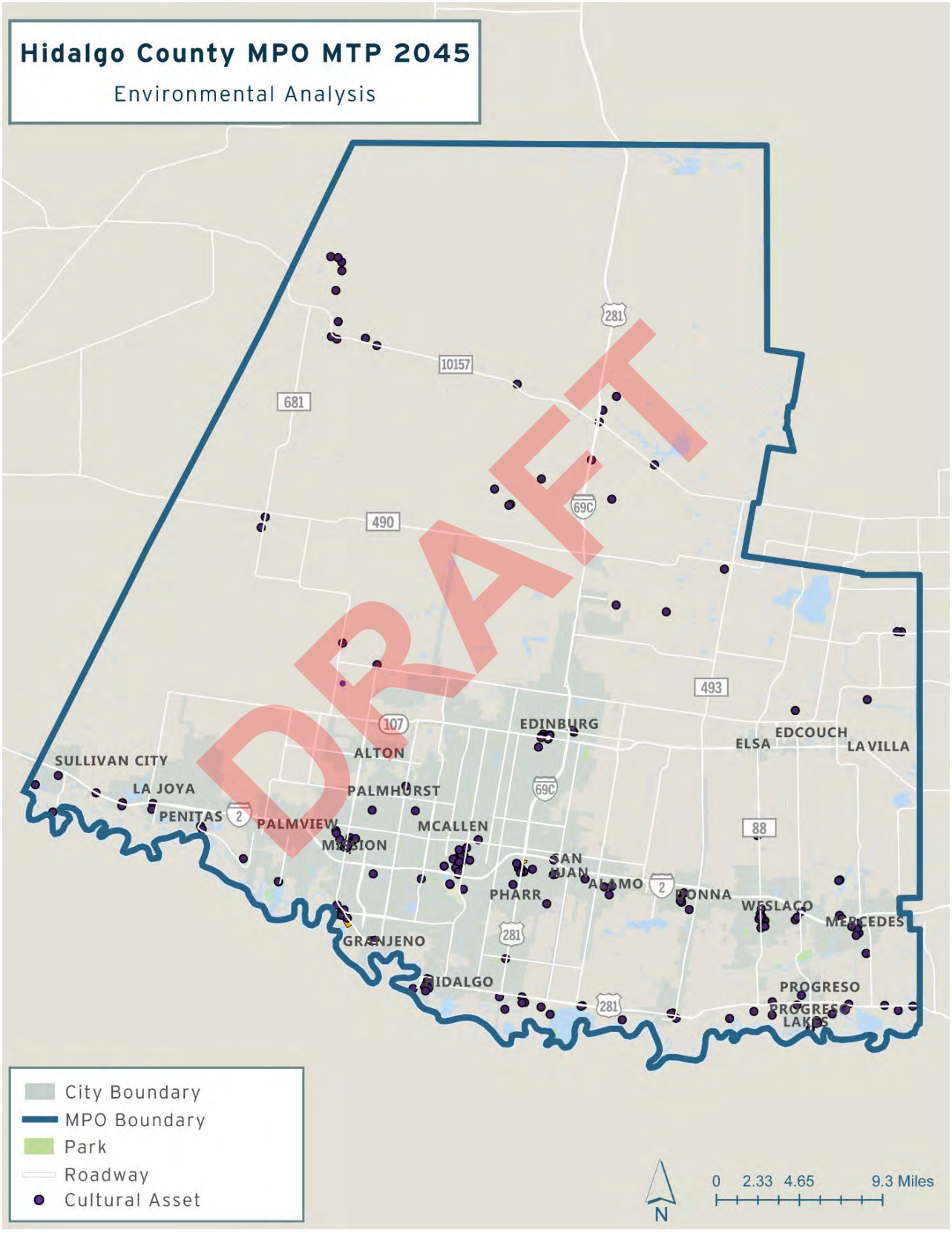


Hidalgo County MPO

Assets with cultural or community significance were identified in the HC MPO region, including 115 parks and public lands and a total of 213 cultural assets such as museums, historical markers, and cemeteries (including historical cemeteries). The identified cultural and community assets are distributed throughout the region. There are several areas of parks/public land in the southern part of the HC MPO planning area within close proximity to the Rio Grande River. There are several clusters of cultural assets along I-2/US 83 within some of the cities in the region. **Figure 5-4** shows the various cultural assets identified in the HC MPO planning area.

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Figure 5-4: HC MPO Cultural & Community Assets



Brownsville MPO

MPO Consultation with Resource Agencies

In consultation with area governmental entities and citizen's groups, the Brownsville MPO has mapped (on various maps that cover the MPO's study area) locations of environmental resources of concern. The MPO will continue these mapping activities, as new information is shared and/or generated by these entities and citizen's groups.

SAFETEA-LU also requires the MPO's MTP to include a generalized discussion of potential mitigation activities and potential mitigation areas. "Mitigation" includes:

- Avoiding the impact altogether by not taking a certain action or parts of an action; In many cases, the Brownsville MPO avoids taking actions, as staff are familiar with sensitive areas, due to previous mapping activities.
- Minimizing impacts by limiting the degree or magnitude of the action and its implementation;
- Rectifying the impact by repairing, rehabilitating or restoring the affected environment;
- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; and
- Compensating for the impact by replacing or providing substitute resources or environments. Where on-site mitigation areas are not reasonable or sufficient, off-site compensatory natural resource mitigation areas may suffice.

The Brownsville MPO, and other agencies such as TxDOT and local municipalities, seek to coordinate MTP development and project development with both governmental entities and citizen's groups.

Potential mitigation activities and areas are further discussed below.

Type of Resource

Communities and neighborhoods; as well as homes and businesses.

Potential mitigation activities for project implementation

Impact avoidance or minimization; use of context sensitive solutions for community improvements, (appropriate functional and/or aesthetic design features).

Potential mitigation areas for project implementation

Mitigation on-site or in the general community. (Mitigation for homes and businesses is in accord with 49 CFR 24).

Key applicable requirements

Uniform Relocation Assistance and Real Property Acquisition Policy Act at 42 USC 4601 et seq.

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Type of Resource

Historic and cultural resources.

Potential mitigation activities for project implementation

Avoidance, minimization, landscaping for historic properties, preservation in place or excavation for archeological sites, Memorandum of Agreement with the Texas Historical Commission, design exceptions and variances, environmental compliance monitoring.

Potential mitigation areas for project implementation

On-site landscaping of historic properties, on-site mitigation of archeological sites, preservation in-place.

Key applicable requirements

National Historic Preservation Act at 16 USC 470.

Type of Resource

Parks and recreation areas.

Potential mitigation activities for project implementation

Avoidance, minimization, mitigation, design exceptions and variances, environmental compliance monitoring.

Potential mitigation areas for project implementation

On-site screening or on-site replacement of facilities, in some cases, replacement of affected property adjacent to the existing one.

Key applicable requirements

Section 4(f) of the U.S. Department of Transportation Act at 49 USC 303.

Type of Resource

Wetland and water resources.

Potential mitigation activities for project implementation

Mitigation sequencing requirements involving avoidance, minimization, compensation (could include preservation, creation, restoration, riparian buffers), design exceptions and variances, environmental compliance monitoring.

Potential mitigation areas for project implementation

Based on on-site/off-site and in-kind/out-of-kind sequencing requirements, private or publicly operated mitigation banks used in accordance with permit conditions.

Key applicable requirements

Clean Water Act at 33 USC 1251-1376; Rivers and Harbors Act at 33 USC 403.

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Type of Resource

Agricultural areas.

Potential mitigation activities for project implementation

Avoidance, minimization, replacement property for open space easements to be of equal fair market value and of equivalent usefulness, design exceptions and variances, environmental compliance monitoring.

Potential mitigation areas for project implementation

Replacement of agricultural operation via public-private agreements.

Key applicable requirements

Farmland Protection Policy Act of 1981 at 7 USC 4201-4209.

Type of Resource

Endangered and threatened resources.

Potential mitigation activities for project implementation

Avoidance, minimization, time of year restrictions, construction sequencing, design exceptions and variances, species research, species fact sheets, Memorandum of Agreements for species management, environmental compliance monitoring.

Potential mitigation areas for project implementation

Relocation of species to suitable habitat adjacent to project limits.

Key applicable requirements

Endangered Species Act at 16 USC 1531-1544.

MPO Consultation

On a periodic basis, Brownsville MPO staff consult with federal and other environmental and regulatory agencies to seek feedback about proposed MPO plans and policies. For example, MPO meeting packets are sent to U.S. Fish & Wildlife Service staff for each MPO Policy Committee meeting.

In April of 2019, the MPO staff held a meeting with staff at the U.S. Fish & Wildlife Service to review the impact (or potential impact) of the Draft MTP upon their properties. This meeting held at the Santa Ana National Wildlife Area proved to be a very useful exercise in exchanging plans and discussing various issues.

Prior to the development of MTP listings, MPO staff, with assistance from the U.S. Fish & Wildlife Service, identified natural areas that are off-limits or unsuitable for future development. Also, other natural areas where development is most constrained and least desirable were added to the MPO map files. U.S. Fish & Wildlife Service staff members agreed to maintain liaison with Brownsville MPO staff.

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Environmental Justice



Exhibit 5-3: Placemaking on the corner of Jackson St. and 2nd St. in Harlingen

Environmental Justice (EJ) as defined by the U.S. Environmental Protection Agency is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Environmental Justice impact analysis is a critical component to transportation planning. Transportation projects have long lasting impacts on communities. Therefore, it is critical to the planning process to establish and ensure fair and equitable transportation policies and funding decisions so that no group of people (by race, ethnicity, or socioeconomic status) should receive unfair treatment or bear a disproportionate share of negative environmental consequences as a result of decisions made by all levels of government.

Environmental Justice Zones

The following section defines Environmental Justice zones in the HC and HSB MPO planning areas. These zones were established to be used in the project scoring process to determine the impacts of planned transportation projects on Environmental Justice communities.

Harlingen-San Benito MPO

Environmental Justice zones in the HSB MPO planning area were identified by determining historically underserved and vulnerable communities. Using block group data from the 2017 American Community Survey, Environmental Justice zones were defined as having at least two of the following criteria:

- High Minority Population – Block groups whose percentage of minorities is greater than the HSB MPO planning area's total percentage of minorities (89%).
- High Population in Poverty – Block groups whose percentage of population in poverty is greater than the HSB MPO planning area's total percentage of population in poverty (30%).
- High Limited English Proficient Population – The top 10% of block groups with the highest percentage of Limited English Proficient population.

Figure 5-5 shows where the Environmental Justice zones are located within the HSB MPO planning area. The EJ zones are concentrated in the eastern, central, and western parts of the region, with high numbers of EJ zones clustered in the Harlingen and San Benito urban cores. Many of the identified EJ zones are also clustered along IH 69E. **Table 5-4** describes the Environmental Justice zones' demographic profile compared to the region at large.

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High concern EJ zones were also identified. These block groups were identified as high concern due to meeting all three of the above-mentioned criteria. As shown in **Figure 5-5**, high concern Environmental Justice zones are located in the central and southeast parts of the HSB MPO planning area, with some clustering along IH 69E. These zones will be given heightened attention during the impact analyses which will review the potential footprint of proposed transportation projects to ensure that they do not adversely impact these communities. As such, projects that include public transportation and active transportation facilities will be reviewed to ensure these populations are being provided with adequate access to the transportation system.

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Figure 5-5: HSB MPO Environmental Justice Zones

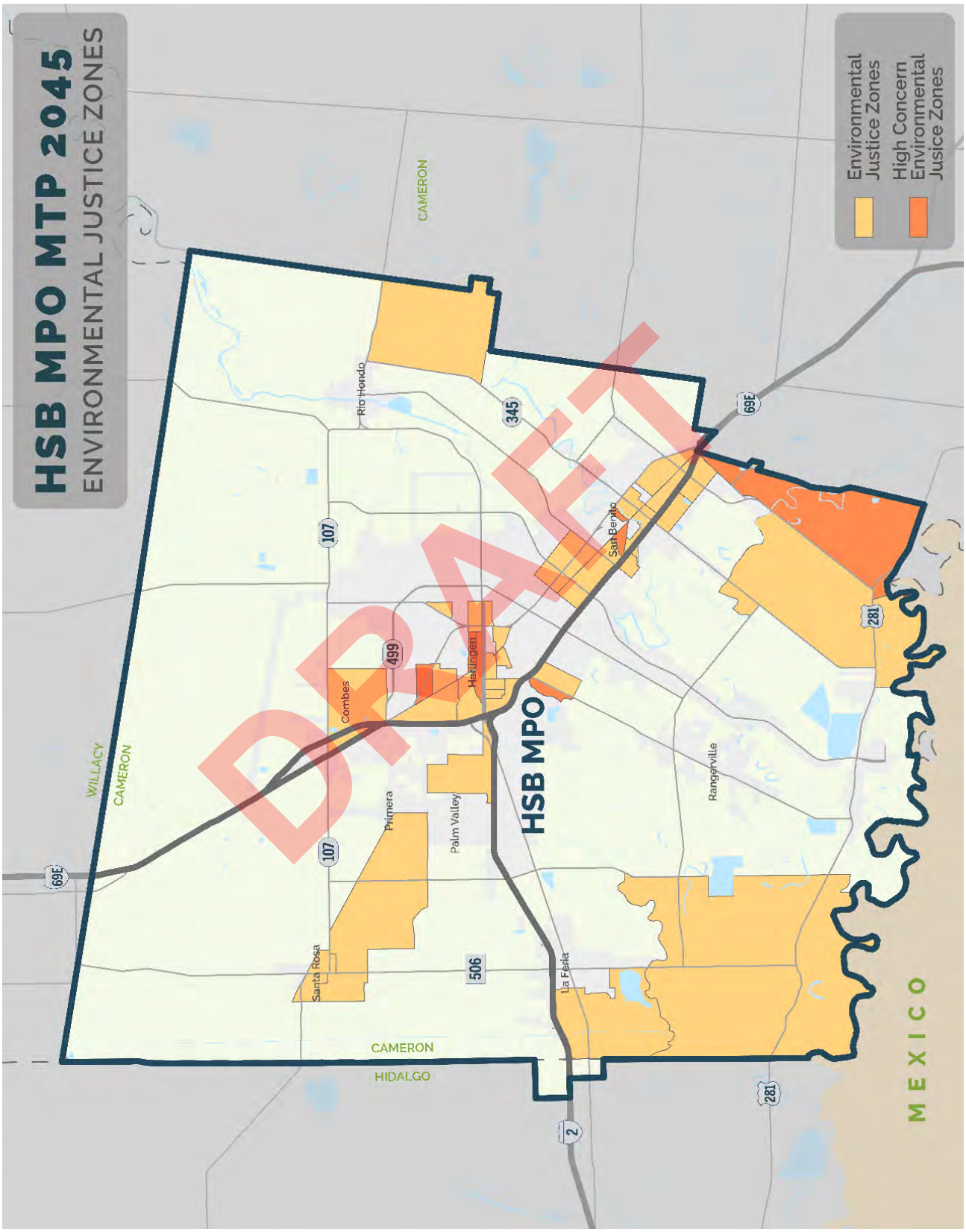


Table 5-4: HSB MPO Aggregate Environmental Justice Zones Compared to MPO Totals

	EJ Zones	MPO
Total Population	63,11 5	172,939
Total Minority Population	61,082	154,077
Percent Minority Population	97%	89%
Total Limited English Proficient Population	10,678	20,159
Percent Limited English Proficient Population	17%	11%
Total Population Living in Poverty	27,847	52,190
Percent Population Living in Poverty	44%	30%

Hidalgo County MPO

Environmental Justice zones in the HC MPO planning area were identified by determining historically underserved and vulnerable communities. Using block group data from the 2017 American Community Survey, Environmental Justice zones were defined as having at least two of the following criteria:

- High Minority Population – Block groups whose percentage of minorities is greater than the HC MPO planning area's total percentage of minorities (12%).
- High Population in Poverty – Block groups whose percentage of population in poverty is greater than the HC MPO planning area's total percentage of population in poverty (35%).
- High Limited English Proficient Population – The top 10% of block groups with the highest percentage of Limited English Proficient population.

Figure 5-6 shows where the Environmental Justice zones are located within the HC MPO planning area. The EJ zones are concentrated in the eastern, central, and western parts of the region, with high numbers of EJ zones clustered in the McAllen urban core. Many of the identified EJ zones are also clustered along I-2/US 83. **Table 5-5** describes the Environmental Justice zones' demographic profile compared to the region at large.

High concern EJ zones were also identified. These block groups were identified as high concern due to meeting all three of the above-mentioned criteria. As shown in **Figure 5-6**, high concern Environmental Justice zones are located in the central and southern parts of the HC MPO planning area, with some clustering along I-2/US 83. These zones will be given heightened attention during the impact analyses which will review the potential footprint of proposed transportation projects to ensure that they do not adversely impact these communities. As such, projects that include public transportation and active transportation facilities will be reviewed to ensure these populations are being provided with adequate access to the transportation system.

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Figure 5-6: HC MPO Environmental Justice Zones

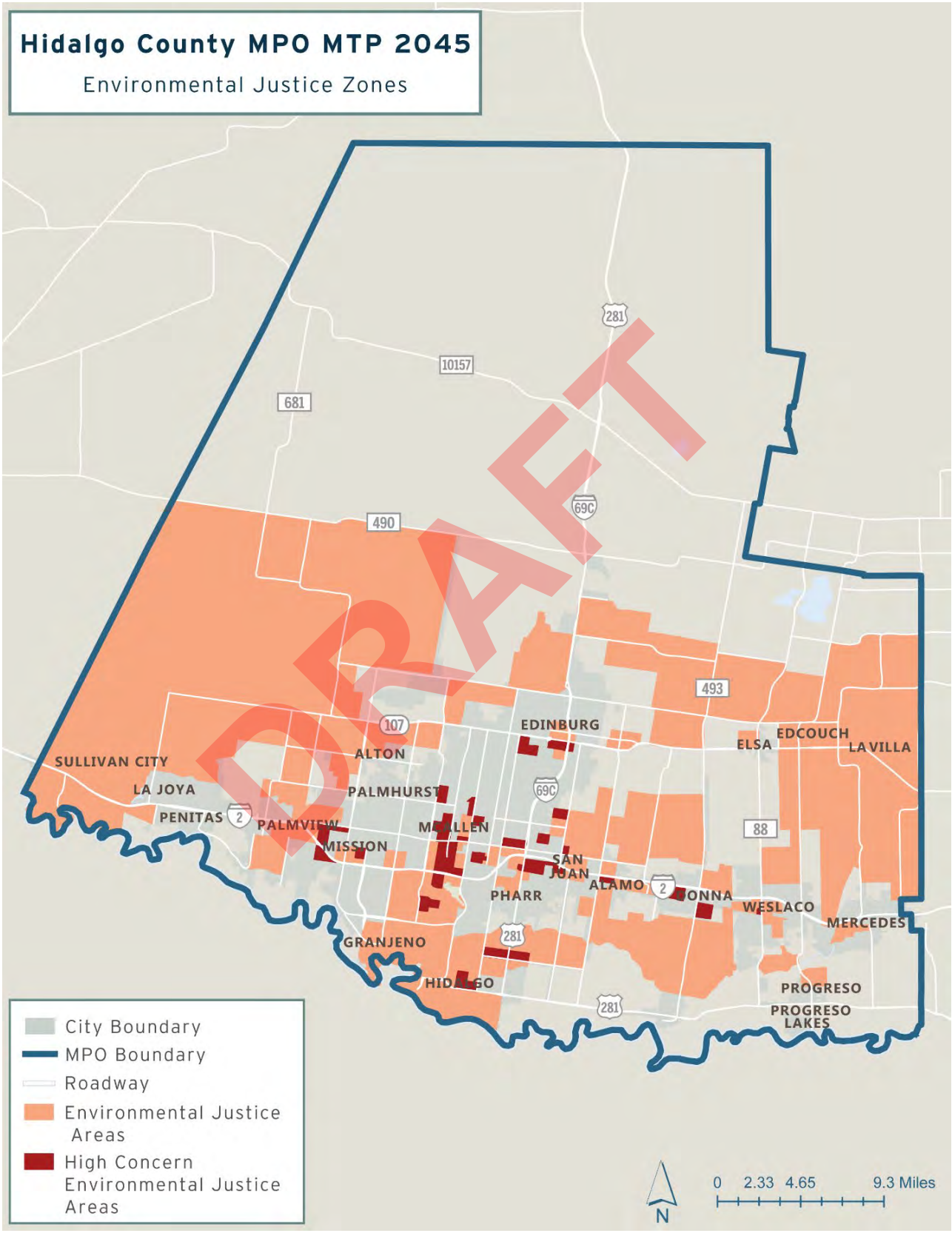


Table 5-5: HC MPO Aggregate Environmental Justice Zones Compared to MPO

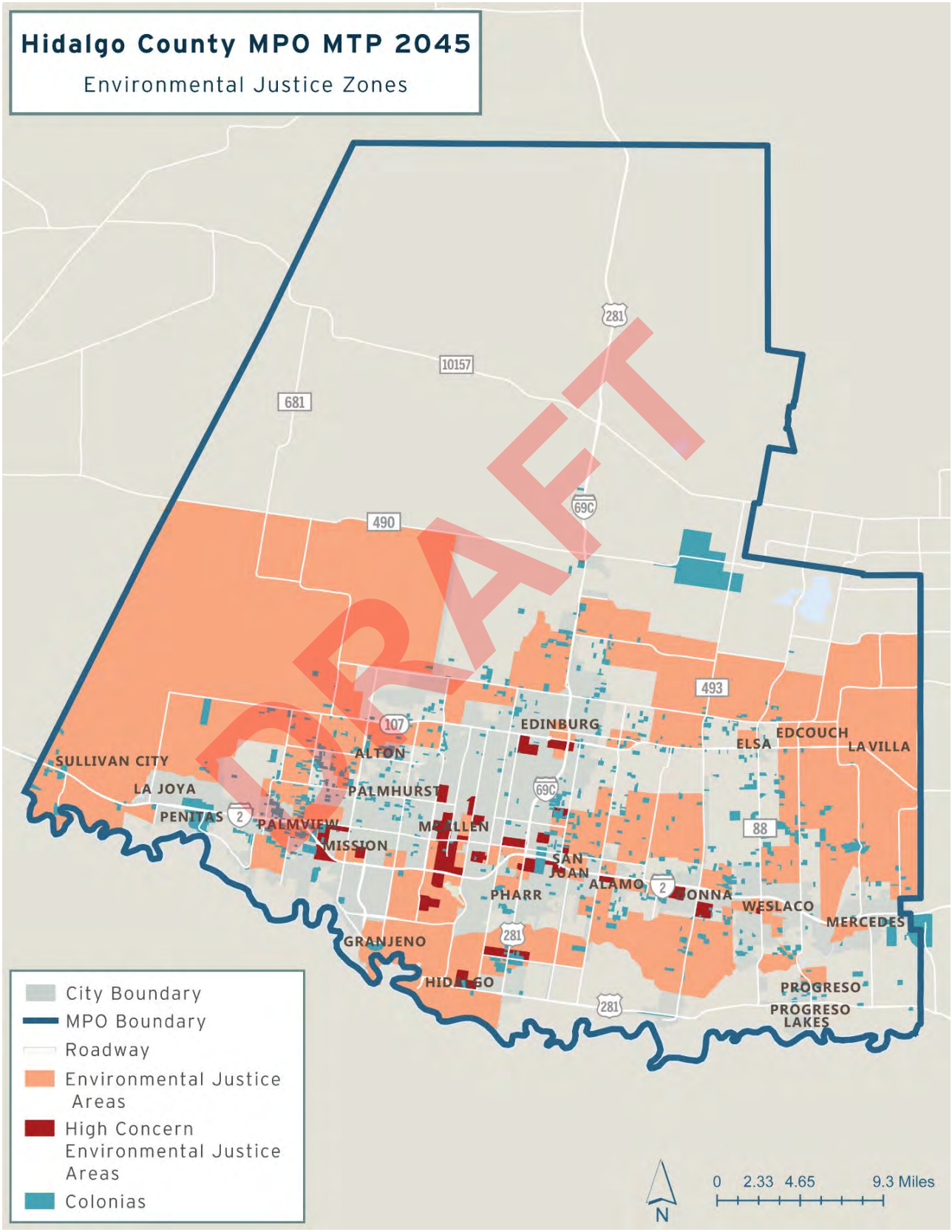
	EJ Zones	MPO
Total Population	181,334	759,143
Total Minority Population	34,202	93,328
Percent Minority Population	19%	12%
Total Limited English Proficient Population	50,327	154,158
Percent Limited English Proficient Population	28%	20%
Total Population Living in Poverty	90,500	263,891
Percent Population Living in Poverty	50%	35%

Project Impact on Colonias

Colonia is a Spanish term for neighborhood or community. The office of the Governor defined colonia as "…unincorporated border communities that often lack adequate water and sewer systems, paved roads, and safe, sanitary housing." Colonias flourish in counties along the 29 Texas-Mexico Border Counties which includes Hidalgo County. Overlaying areas identified as colonias with areas identified as environmental justice zones (**Figure 5-7**) creates a composite of areas that should represent a priority when future transportation projects are being taken into consideration. Many of these areas were not identified sensitive communities; this addition makes this analysis fully comprehensive to where the MPO should set priorities when considered disadvantaged, underrepresented communities.

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Figure 5-7: HC MPO Environmental Justice Zones - Colonias



Housing & Transportation Costs

Housing and transportation costs are key indicators for a region's affordability. While housing is generally the singular criteria for looking at regional affordability, a household's transportation expenditure tends to be the second-largest expense. Together these two key expenditures as a portion of household income provide a better understanding of the affordability within the HSB MPO and HC MPO planning areas. Using the Housing + Transportation Affordability Index[3] data, **Figure 5-8** and **Figure 5-9** identify transportation and housing costs as a percentage of household income throughout the HSB and HC MPO regions.

According to the Index, housing and transportation costs reaching 45% of household income is considered unaffordable. Transportation costs consider well-researched factors[4] that drive household transportation costs, including the following:

Neighborhood Characteristics such as block density, regional household intensity, block density, employment access, transit connectivity.

Household Characteristics such as commuters per household, household size, auto ownership, auto usage, and public transit usage.

Planned transportation projects should consider how to alleviate transportation costs in these areas by linking multimodal projects to areas with high concentrations of employment and key destinations. Planned transportation projects should consider improving mobility choice in the areas with high housing and transportation costs by assessing the potential for transit and active transportation facilities. Such improvements may help reduce the cost of transportation in these areas.

Harlingen-San Benito MPO

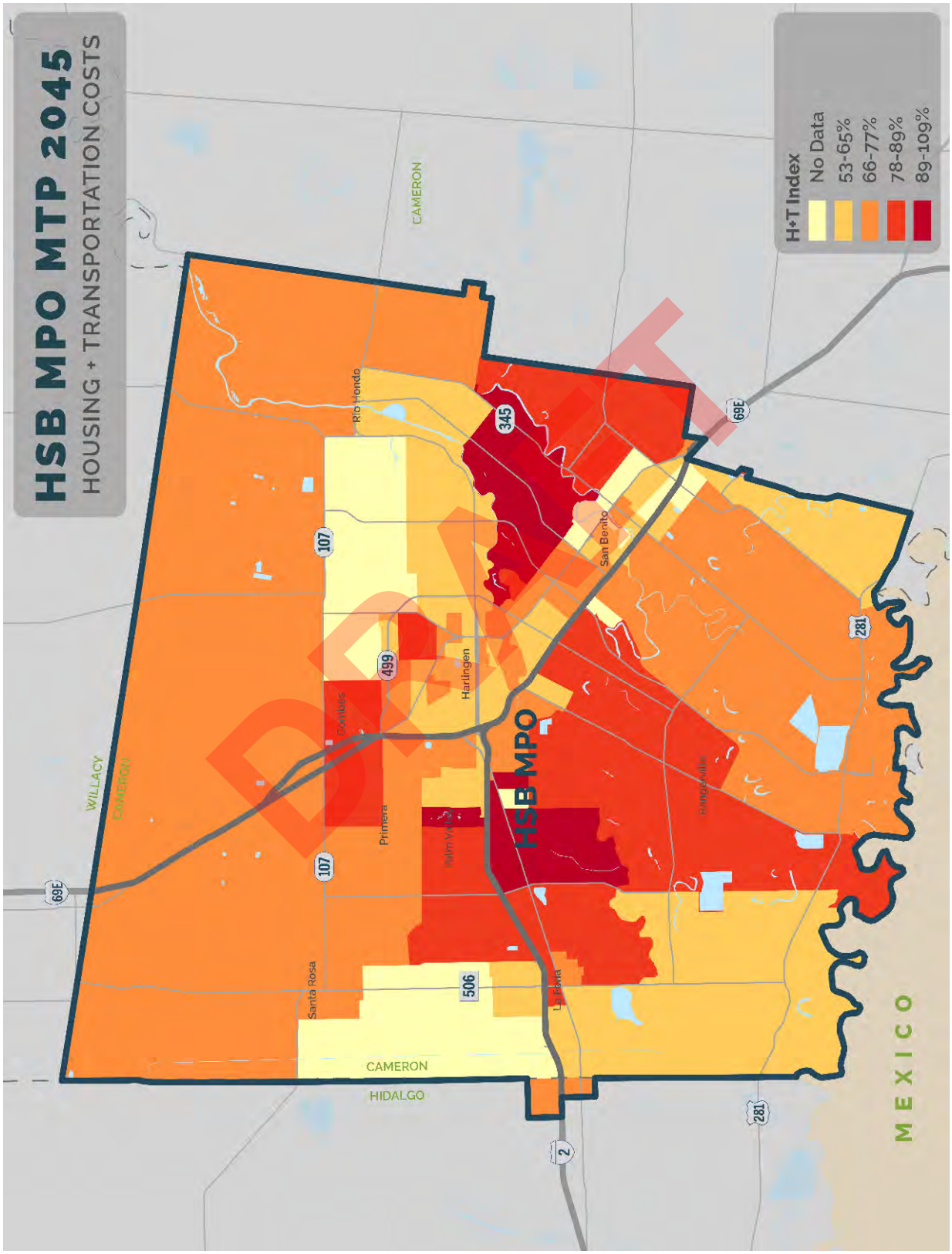
Using an affordability threshold of 45% of household income, all HSB MPO planning area block groups that have H+T data are considered to have an unaffordable level of household and transportation costs. The lowest H+T cost as a portion of household income is 53%, which is found in four of the planning area's block groups. Though the H+T index shows that all block groups (apart from those with no data) in the region experience unaffordable levels of housing and transportation costs, the block groups with the highest H+T costs are located toward the center, south, and east parts of the region.

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[3] The Center for Neighborhood Technology's Housing and Transportation (H+T) Affordability Index - https://htaindex.cnt.org/

[4] The Center for Neighborhood Technology's Housing and Transportation (H+T) Affordability Index – H+T Index Methods - https://htaindex.cnt.org/about/HTMethods_2016.pdf

Figure 5-8: HSB Housing & Transportation Costs as a Percent of Household Income

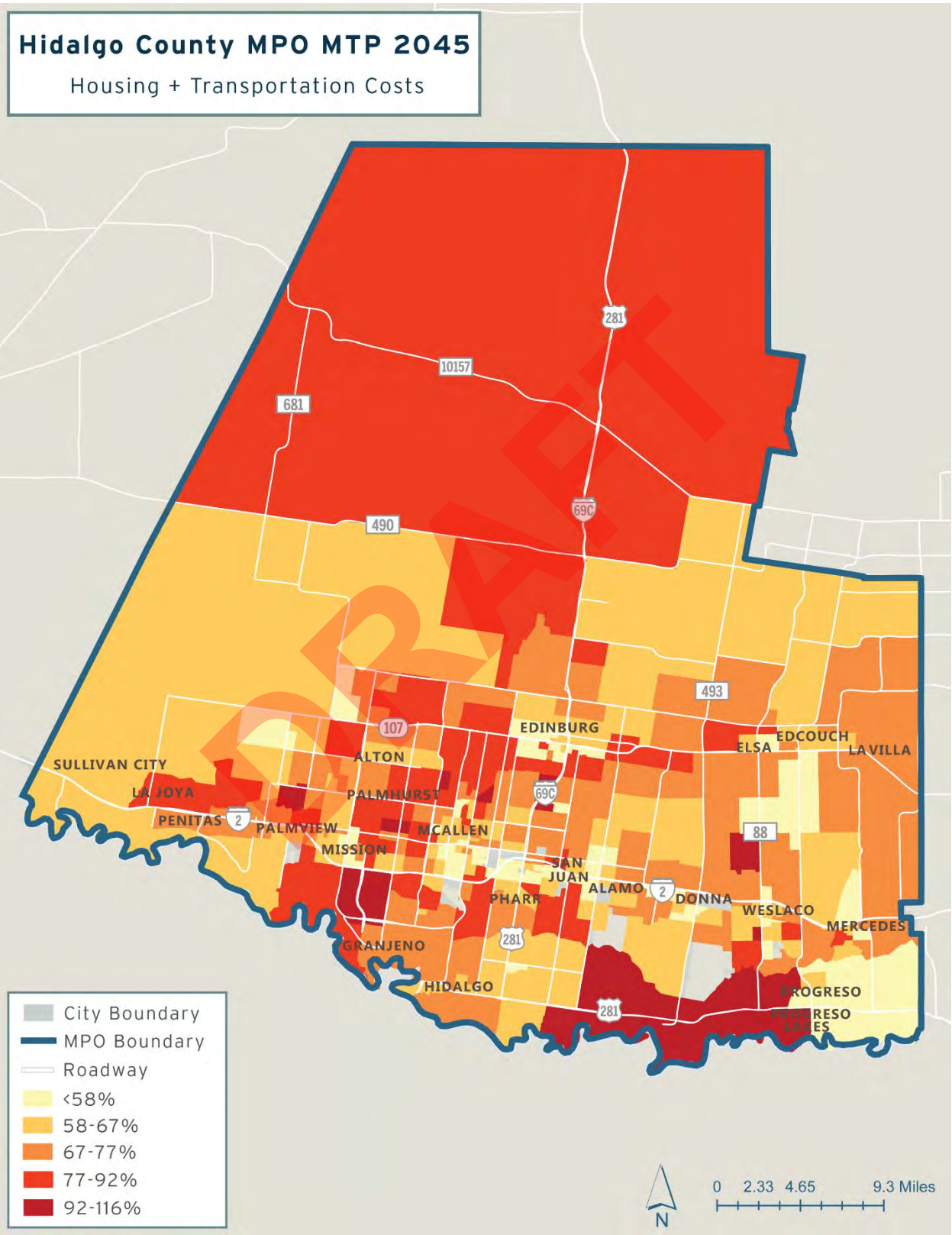


Hidalgo County MPO

Using an affordability threshold of 45% of household income, all HC MPO planning area block groups that have H+T data are considered to have an unaffordable level of household and transportation costs. The lowest H+T cost as a portion of household income is 43%, which is found in only one of the planning area's block groups. Additionally, only six of the block groups in the region fall within the affordability index of 45%. Though the H+T index shows that the majority of the block groups (excluding those with no data) in the region experience unaffordable levels of housing and transportation costs, the block groups with the highest H+T costs are located toward the center, south, and north parts of the region.

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Figure 5-9: HC Housing & Transportation Costs as a Percent of Household Income



Brownsville MPO

Inequitable distribution of transportation benefits and burdens is to be avoided. Periodically, MPO staff and MPO Committee members assess how the MPO's programs and activities affect minority and low-income populations within the Brownsville urbanized area. The MPO's need to consider Environmental Justice issues is embodied in many laws, regulations and policies, including:

- Title VI of the Civil Rights Act of 1964;
- President's Executive Order 12898 on Environmental Justice (EO12898);
- National Environmental Policy Act of 1969 (NEPA);
- Section 109(h) of Title 23;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (URA), as amended;
- The Transportation Equity Act for the 21st Century (TEA-21);
- The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU); and
- Other U.S. Department of Transportation statutes and regulations.

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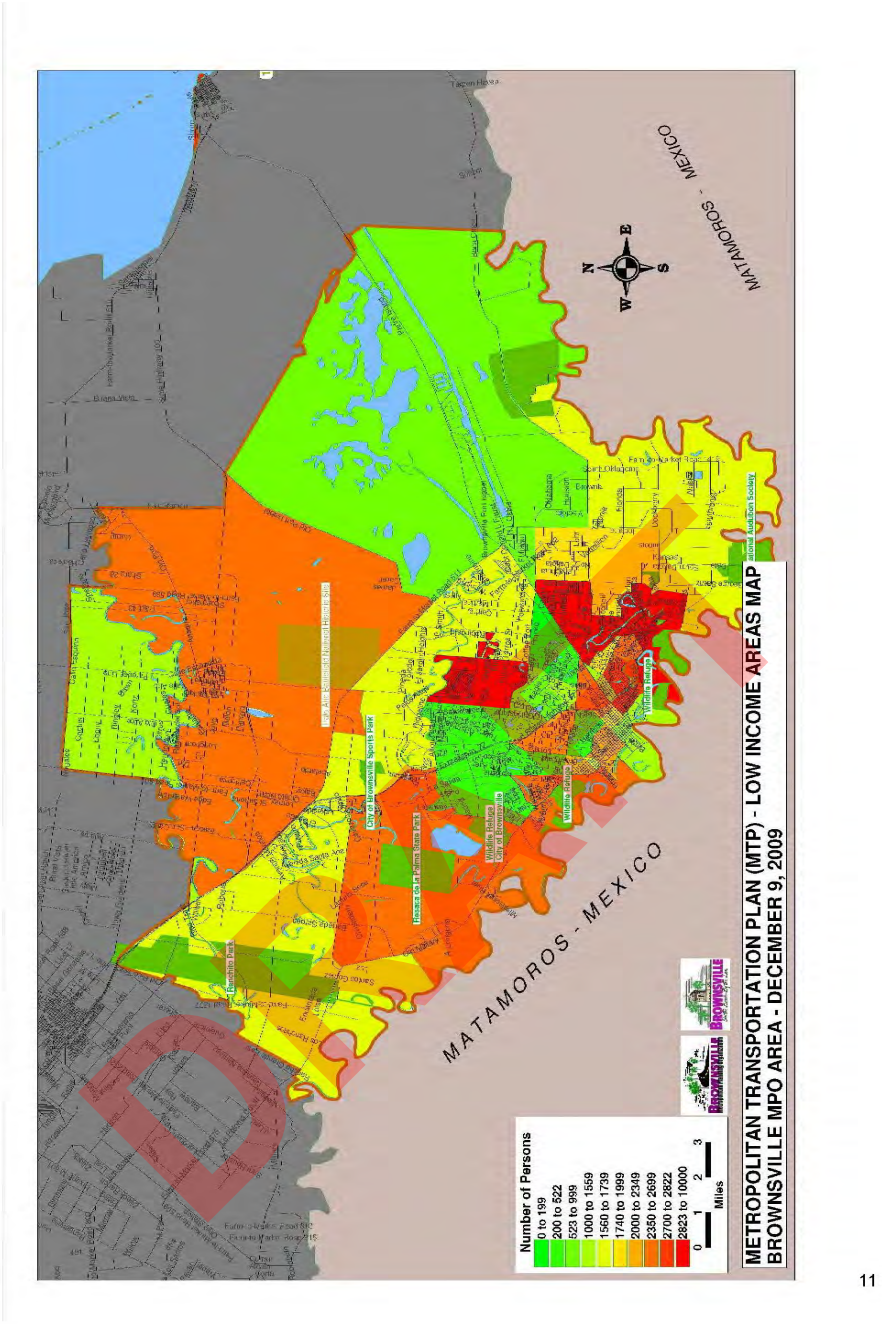


Exhibit 5-4: Brownsville MPO low income areas

Mitigation Analysis

Transportation projects proposed for inclusion in each MTP have the potential to impact important environmental areas, culturally significant sites, and environmental justice communities within each region. This analysis incorporates the environmental and equity analyses from above to identify potential impacts and mitigation measures for planned transportation projects in each region.

Environmental Mitigation Analysis

The data and information used to conduct the analysis included flood plain maps from the Federal Emergency Management Agency (FEMA), wetlands maps from the U.S. Fish and Wildlife Service, historic sites from the National Register of Historic Places, and state and federal wildlife protection resources. These inventoried resources are shown in **Figure 5-10** and **Figure 5-11**.

In order to determine how projects identified in this plan might affect these resources, an FHWA-endorsed GIS methodology originally developed by the Southeast Michigan Council of Governments (SEMCOG) was employed. The analysis assembles projects into types, and then buffer zones are generated and mapped for each type of project. For the sake of this analysis, only capacity projects were considered to have potential impacts on the mapped data.

Buffer sizes were determined based on the type of environmental resource being examined, meaning smaller "areas of influence" were computed depending on the environmental resource. Some resources, such as recreation areas and historic sites, may only be impacted by projects in close physical proximity, while others (such as water resources) may still be impacted by a project some distance away.

Table 5-6 summarizes the buffer sizes assigned to each resource being examined. Once buffer sizes were determined, buffers and environmental resources were mapped to identify areas of overlap, as these are areas where an impact is possible.

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Table 5-6: RGV Environmental Resources Buffer Sizes

Environmental Resource	Buffer Extent
Floodplains	0.25 miles
Wetlands and Other Waters	0.25 miles
Cemeteries	250 feet
Historic Sites	250 feet
Parks	250 feet

Harlingen-San Benito MPO

Figure 5-10 displays the buffer zones and environmental and cultural resources in the HSB MPO region.

Table 5-7 presents the number of proposed capacity projects for each project type included in the 2045 MTP.

Table 5-7: HSB MPO Project Types

Project Type	Total Number of Proposed Projects
New/Expanded Roadway	31
Active Transportation	8

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Figure 5-10: HSB MPO Environmental Overlay Analysis

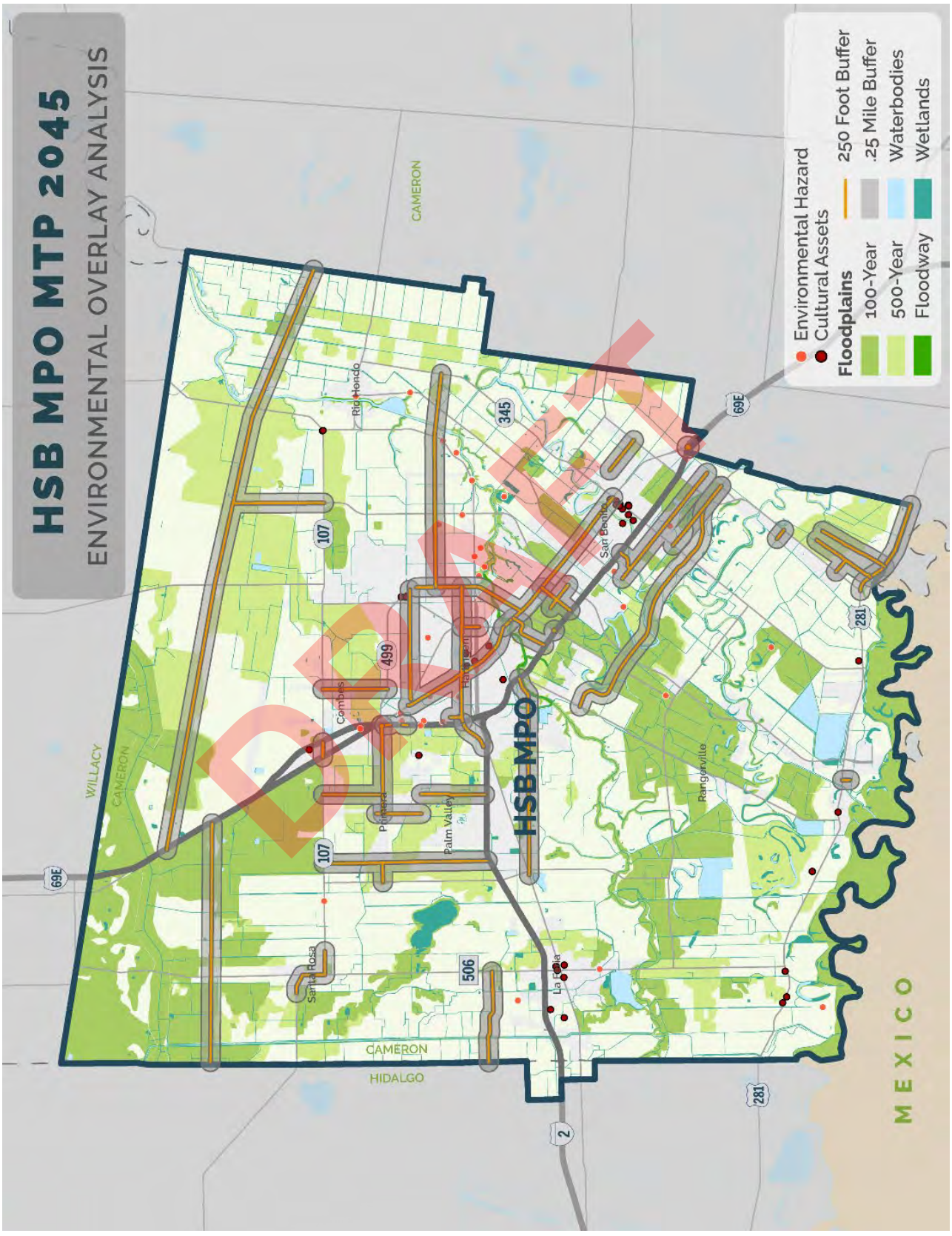


Table 5-8 and **Table 5-9** quantify the number of possible impacts to the inventoried resources for capacity projects. The list of potential impacts presents some concerns for cultural resources including Spiderweb Railroad and 29 parks in the region. Freshwater emergent wetlands, riverines, and high-risk floodplains have the highest risk for the potential impact on water resources due to the planned projects. The list of proposed projects presents few concerns regarding historic sites, museums, and cemeteries.

Table 5-8: HSB MPO Number of Projects Potentially Impacting Inventoried Water Resources

Water Resource	Number of Resources Impacted by Roadway Projects
Freshwater Emergent Wetland	60
Freshwater Forested/Shrub Wetland	7
Freshwater Pond	38
Lake	2
Riverine	106
Floodplain – High Risk	130

Table 5-9: HSB MPO Number of Projects Potentially Impacting Inventoried Cultural Resources

Cultural Resource	Number of Resources Impacted by Roadway Projects
Cemeteries	0
Historic Sites	1
Museums	0
Parks	29

Hidalgo County MPO

Figure 5-11 displays the buffer zones and environmental and cultural resources in the HC MPO region. **Table 5-10** presents the number of proposed capacity projects for each project type included in the 2045 MTP.

Table 5-10: HC MPO Project Types

Project Type	Total Number of Proposed Projects
New/Expanded Roadway	102
Active Transportation	14

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Figure 5-11: HC MPO Environmental Overlay Analysis

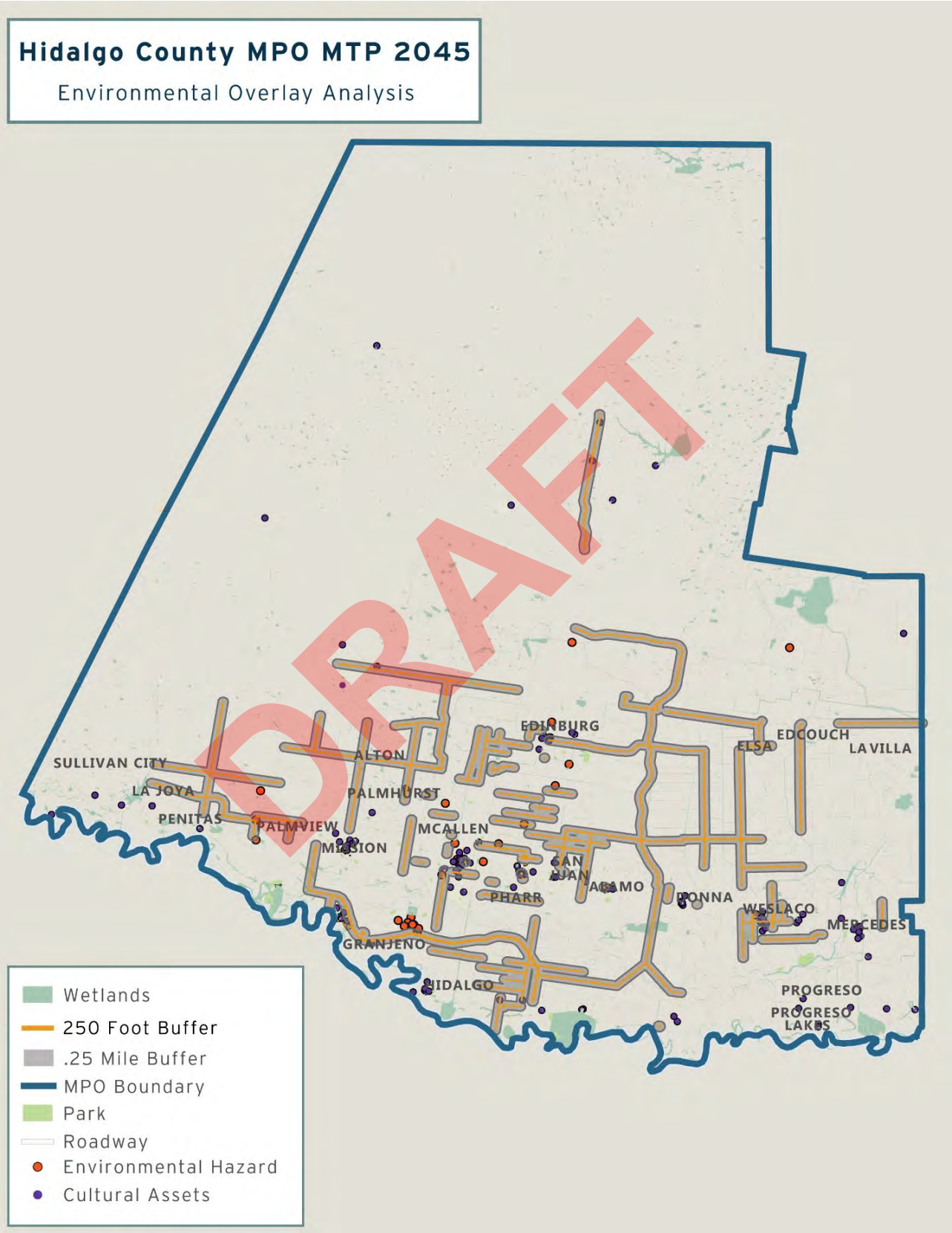


Table 5-11 and Table 5-12 quantify the number of possible impacts to the inventoried resources for capacity projects. The list of potential impacts presents some concerns for cultural resources, which includes six historic sites and 18 parks in the region. Freshwater ponds and riverines have the highest risk for the potential impact on water resources due to the planned projects. The list of proposed projects presents few concerns regarding cemeteries and museums.

Table 5-11: HC MPO Number of Projects Potentially Impacting Inventoried Water Resources

Water Resource	Number of Resources Impacted by Roadway Projects
Freshwater Emergent Wetland	33
Freshwater Forested/Shrub Wetland	29
Freshwater Pond	104
Lake	4
Riverine	294
Floodplain – High Risk	-

Table 5-12: HC MPO Number of Projects Potentially Impacting Inventoried Cultural Resources

Cultural Resource	Number of Resources Impacted by Roadway Projects
Cemeteries	0
Historic Sites	6
Museums	0
Parks	18

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Potential Mitigation Activities

This analysis of potential environmental impacts is intended to function as a resource for agencies and elected officials that will ultimately implement any of these transportation projects. Detailed, project-level analysis is required in order to definitively identify adverse impacts from specific projects. The buffer analysis is a useful method for narrowing the focus of such studies, but it should be noted that proximity or overlap of a project buffer and environmental resource alone does not mean an impact is present nor does the lack of an overlap indicate that an impact won't occur.

Federal regulations require the metropolitan planning process to include "a discussion of types of potential environmental mitigation activities and potential areas to carry out these activities, including activities that may have the greatest potential to restore and maintain the environmental functions affected by the plan." FHWA recommends an ordered approach to mitigation known as "sequencing" that involves understanding the affected environment and assessing transportation effects through project development. This ordered approach involves:

- Avoiding the impact altogether;

- Minimizing impacts by limiting the degree or magnitude of the action and its implementation;
- Rectifying the impact by repairing, rehabilitating, or restoring the affected environment;
- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; or
- Compensating for the impact by replacing or providing substitute resources.

Recognizing that the type and the level of mitigation activities will vary depending on the scope of the project, **Table 5-13** provides a toolbox of mitigation measures and general areas where these activities can be implemented. These measures are intended to be regional in scope and may not necessarily address potential project-level impacts. As a proposed project progresses through the project development process, mitigation should be an integral part of the alternatives development and the analysis process in order to maximize effectiveness.

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Table 5-13: RGVMPO Potential Mitigation Activities

Resource	Mitigation Measures
Wetlands or water resources	Avoidance, minimization, compensation: • Preservation • Creation • Restoration • In-lieu fees • Riparian buffers • Design exceptions and variances
	Environmental compliance monitoring
Forested and other natural resources	Avoidance, minimization
	Replacement property for open space easements to be of equal fair market value and of equivalent usefulness
	Design exceptions and variances
	Environmental compliance monitoring
Agricultural areas	Avoidance, minimization
	Design exceptions and variances
	Environmental compliance monitoring
Endangered and threatened species	Avoidance, minimization
	Time-of-year restrictions
	Construction sequencing
	Design exceptions and variances
	Species research/fact sheets
	Memoranda of Agreements for species-specific management
	Environmental compliance monitoring
Ambient air quality	Transportation control measures
	Transportation emission reduction measures
Cultural Resources	Avoidance, minimization
	Landscaping for historic properties
	Preservation in place or excavation for archeological sites
	Design exceptions and variances
	Environmental compliance monitoring
Parks and recreation areas	Avoidance, minimization, mitigation
	Design exceptions and variances
	Environmental compliance monitoring

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Environmental Justice Mitigation Analysis

A critical step in the metropolitan planning process is to identify the potential impacts of planned projects on environmental justice communities in the region.

Harlingen-San Benito MPO

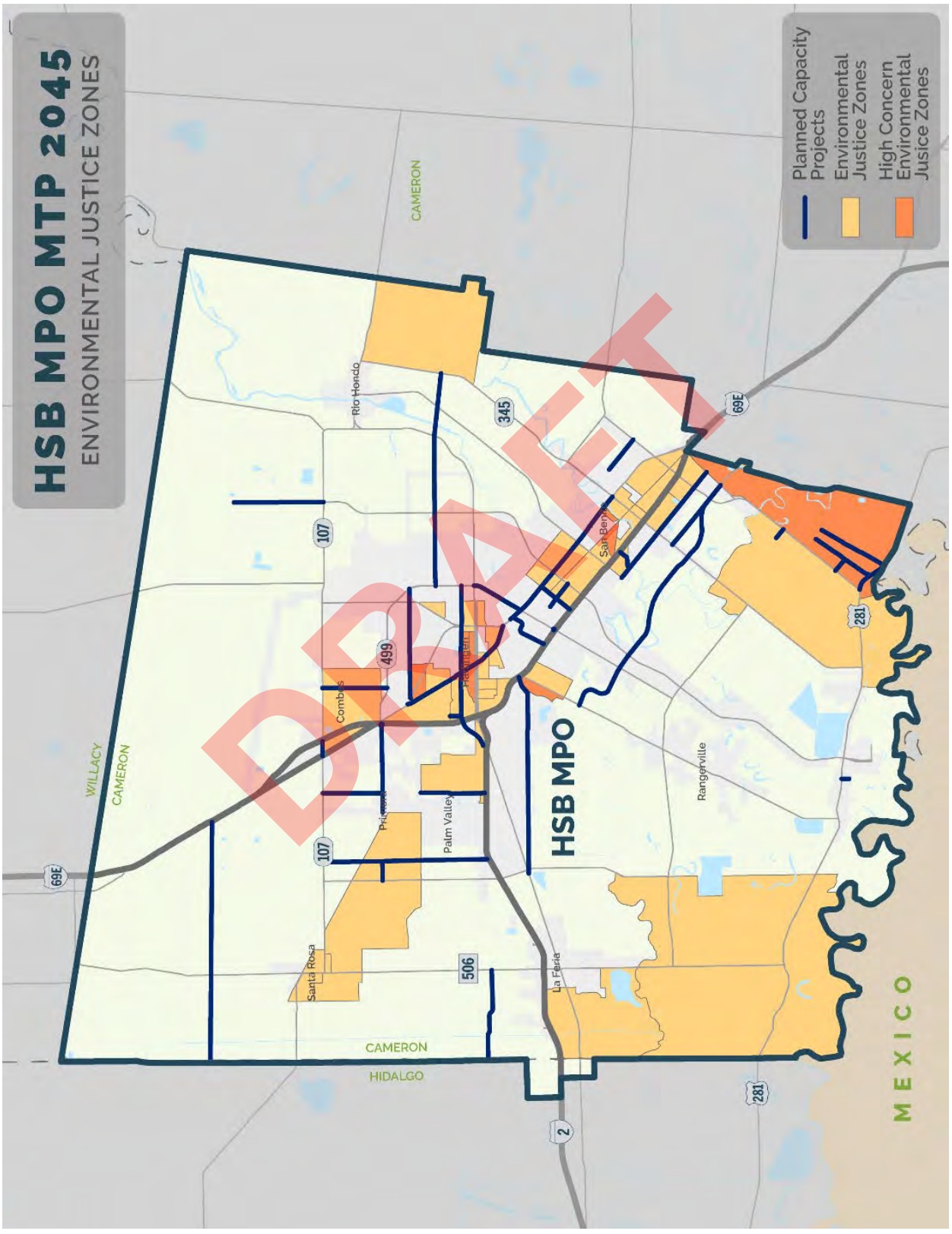
Figure 5-12 displays the earlier identified environmental justice zones and the planned capacity projects. As stated earlier, project-scale studies should be conducted in the planning and environmental phases of each project to determine actual impacts on these communities. **Table 5-14** summarizes the number of capacity projects that may impact identified environmental justice areas. Of the 38 block groups identified as environmental justice zones, 22 are potentially impacted by planned projects. Of the eight block groups identified as areas of high concern, five of these are potentially impacted by planned projects. 49% of the roadway projects (35 out of 51) may potentially impact Environmental Justice Zones.

Table 5-14: HSB MPO Potentially Impacted Environmental Justice Zones

	Total Block Groups	Block Groups Impacted	% of Block Groups Impacted	Number of New/Expanded Roadways
Environmental Justice Zones	38	22	58%	24
High Concern Environmental Justice Zones	8	5	63%	11

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Figure 5-12: HSB MPO Environmental Justice Zones & Planned Capacity Projects



Hidalgo County MPO

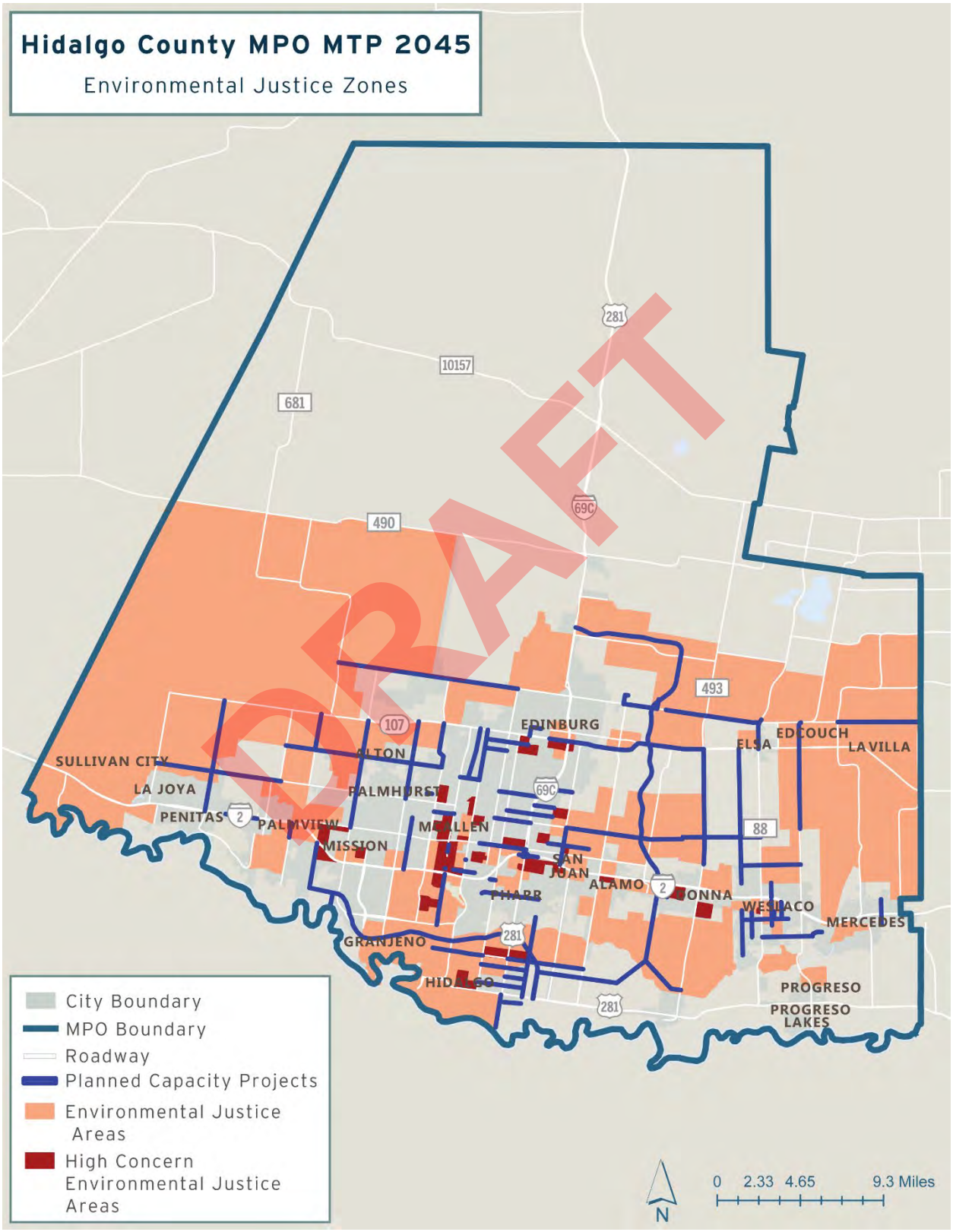
Figure 5-13 displays the earlier identified environmental justice zones and the planned capacity projects. As stated earlier, project-scale studies should be conducted in the planning and environmental phases of each project to determine actual impacts on these communities. **Table 5-15** summarizes the number of capacity projects that may impact identified environmental justice areas. Of the 141 block groups identified as environmental justice zones, 67 are potentially impacted by planned projects. Of the 49 block groups identified as areas of high concern, 19 of these are potentially impacted by planned projects. 67% of the roadway projects (68 out of 102) may potentially impact Environmental Justice Zones.

Table 5-15: HC MPO Potentially Impacted Environmental Justice Zones

	Total Block Groups	Block Groups Impacted	% of Block Groups Impacted	Number of New/Expanded Roadways
Environmental Justice Zones	141	67	48%	68
High Concern Environmental Justice Zones	49	19	39%	19

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Figure 5-13: HC MPO Environmental Justice Zones & Planned Capacity Projects



Brownsville MPO

NEPA & Potential MPO Mitigation Activities

Section 6001 of the 2005 federal transportation bill, SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users), provides support for early collaboration and integrated planning. Also, it requires Metropolitan Planning Organizations (MPOs) to discuss potential mitigation activities, as well as potential sites, for foreseeable environmental effects resulting from improvement projects listed in the MPO's MTP.

Guidance concerning assessment of environmental effects is outlined in NEPA of 1970, as amended. NEPA requires that all actions sponsored, funded, permitted or approved by federal agencies undergo studies to ensure that environmental considerations are given due weight in project decision-making. NEPA requires the assessment and disclosure of reasonably foreseeable effects of transportation projects as part of the environmental impact assessment process.

To assist the Brownsville MPO, TxDOT staff at the Pharr District undertake work to identify and estimate many of the effects of proposed transportation projects. As a result, MPO staff aid this process by supplying data to the Pharr District. NEPA requirements serve to guard the environment through discussion and disclosure of environmental effects associated with MPO-sponsored improvements.

There are three types or categories of effect that must be considered during NEPA: direct, indirect and cumulative (40 C.F.R. §1508.25). Under NEPA, "effects" are synonymous with "impacts" and include ecological impacts (such as the effects on natural resources and on the functioning of affected ecosystems), aesthetic, historic, cultural, economic, social or health impacts, whether direct, indirect or cumulative.

Direct, indirect and cumulative impacts can often be avoided or minimized through consultation and a careful analysis of transportation alternatives. SAFETEA-LU requires MPOs to consult and coordinate their MTP development activities with State and local agencies regarding land use management, natural resources, environmental protection, conservation, historic preservation and other issues. This coordination includes, as appropriate, the comparison of available plans, maps and inventories of natural or historic resources.

Environmental Areas of Concern & Use of the MPO Thoroughfare Plan Map

Instead of using a separate map to indicate environmental and historical/cultural areas to avoid, the Brownsville MPO has opted to place those areas on the MPO's Thoroughfare Plan map.

The green areas on the MPO's Thoroughfare Plan Map request federal properties that are to be avoided. Both U.S.F.& W.S. parcels and properties (holdings) of the National Park Service (NPS) are indicated on this MPO map. Also, the Resaca de la Palma State Park is depicted.

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Communication with the U.S. Fish & Wildlife Service is so critical to the MPO's mission, since this agency is periodically purchasing new parcels. Therefore ,MPO staff meet with USFWS staff to review these issues (in person).A recent meeting on these matters took place in April 2019.

Thus, when MPO staff sit down with other parties to discuss proposed additions and / amendments of the MPO's Roadway network, as outlined on the MPO Thoroughfare Plan, the map reveals areas of concern. These discussions are made easier by the illustration of these areas. We can more easily avoid the areas in question; (e.g. state or federal properties), by virtue of use of the Thoroughfare Plan Map.

Please see two maps below, with environmental areas overlaid on the MPO's Thoroughfare Plan Map:

Figure 5-14: City of Brownsville Parks Maps

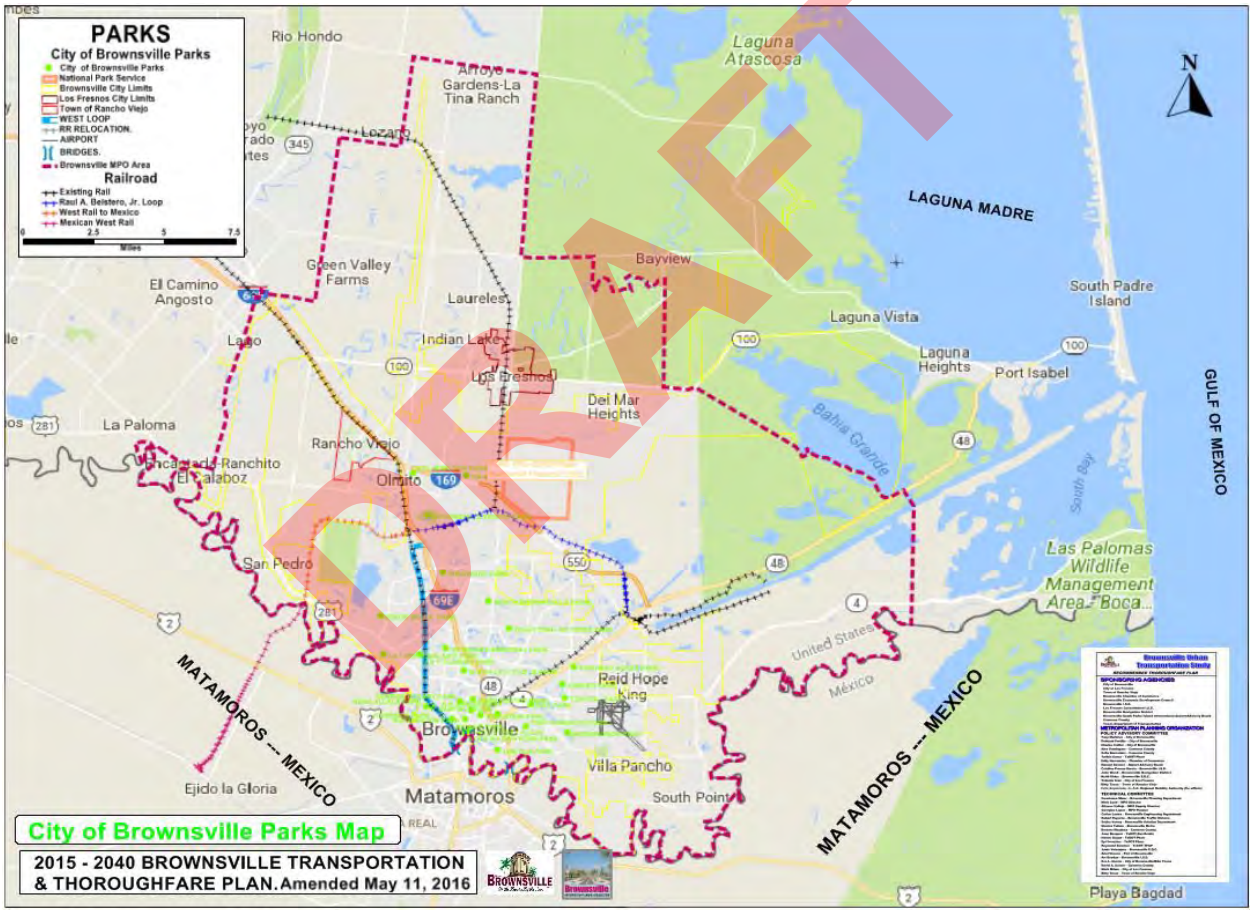
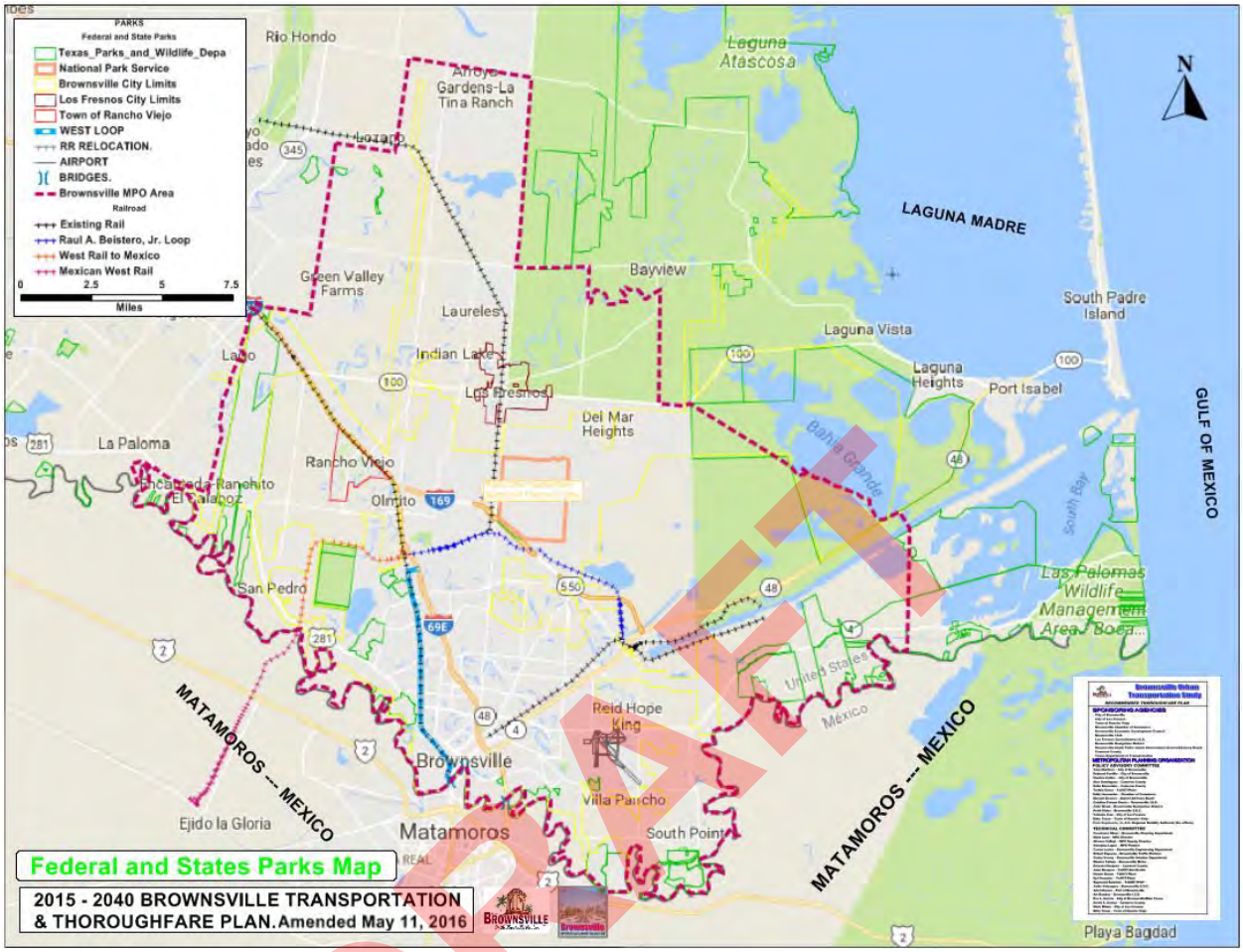


Figure 5-15: City of Brownsville Parks Maps

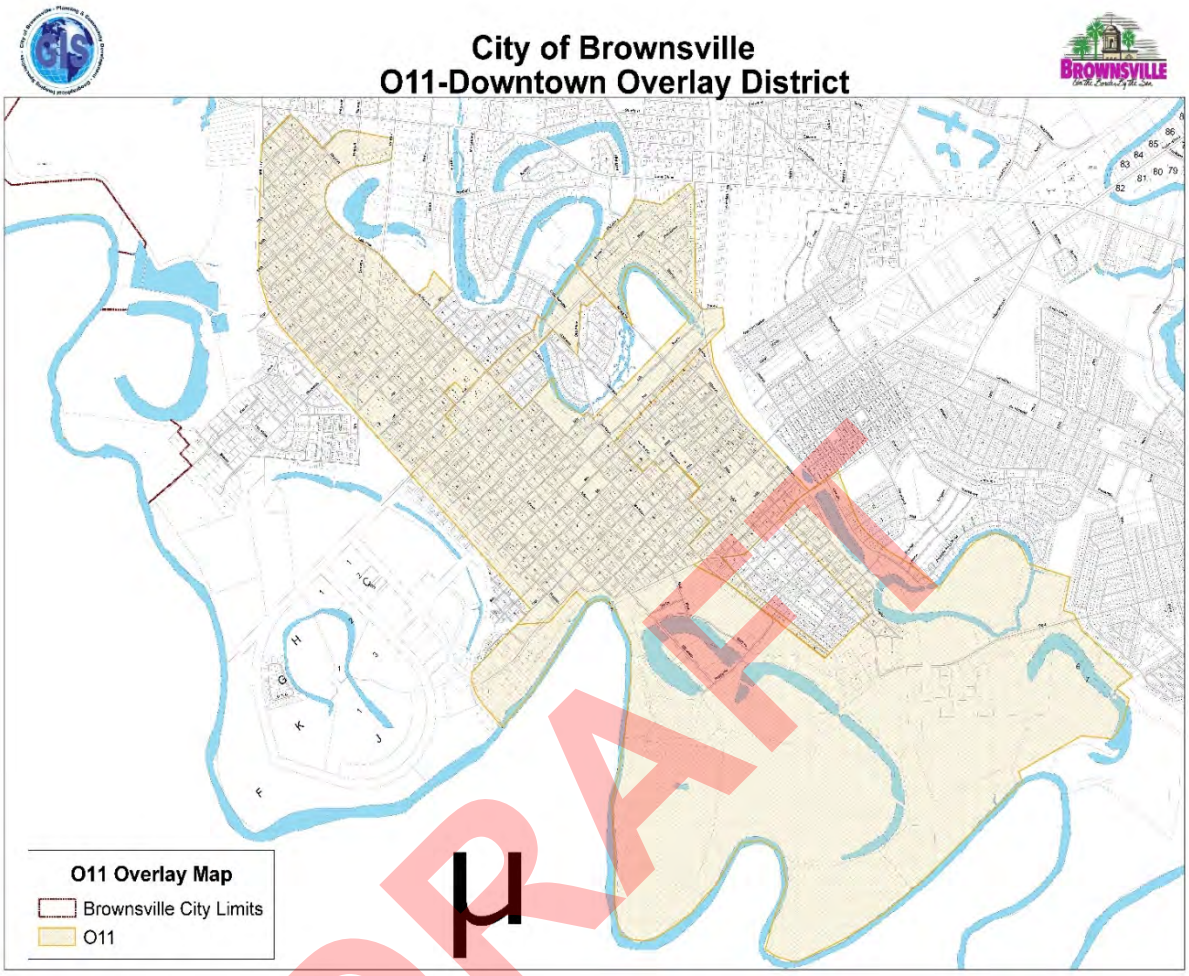


Protection of Brownsville MPO Historic & Cultural Resources

The preponderance of the community's historic/cultural resources (typically buildings) are located in Brownsville's Original Townsite. Adjacent areas such as West Brownsville, Los Ebanos Subdivision and the Fort Brown National Historic Landmark (NHL); are clearly marked on maps produced and maintained by the City's Heritage Officer. Liaison between MPO staff and the Heritage Officer is easy and routine given that both parties are housed in the City Plaza Facility. For more information please see the City of Brownsville/011-Downown Overlay District Map below:

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Figure 5-16: City of Brownsville Overlay District



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Air Quality

Improving regional air quality and maintaining compliance with federal air quality standards is a fundamental consideration in the metropolitan transportation planning process. The construction of new transportation infrastructure increases the capacity for vehicles on regional roadways, which has the potential to increase traffic-related air pollutants in the MPO planning area.

In 1963, in response to increasing air pollution, the U.S. Congress passed the original Clean Air Act which established a federal program for researching techniques to monitor and control air pollution. The Clean Air Act of 1970 increased federal enforcement authority and authorized the development of national ambient air quality standards to limit common and widespread pollutants. These standards, known as the National Ambient Air Quality Standards (NAAQS), define the allowable concentration of pollution in the air for six "criteria" pollutants, including carbon monoxide, lead, nitrogen dioxide, particulate matter, ozone, and sulfur dioxide.

The Clean Air Act identifies two types of national ambient air quality standards:

- Primary standards provide public health protection, including protecting the health of "sensitive" populations such as asthmatics, children, and the elderly.
- Secondary standards provide public welfare protection, including protection against decreased visibility and damage to animals, crops, vegetation, and buildings.

The existing standards for each of the six criteria pollutants are listed in **Table 5-16**. The units of measure for the standards are parts per million (ppm) by volume, parts per billion (ppb) by volume, and micrograms per cubic meter of air (μg/m3). The existing standard for Ozone was established by a 2008 Final Rule. In November 2014, the EPA proposed to revise the primary and secondary standards to somewhere within the range of 0.065 and 0.070 ppm. After the proposed rule was published in December 2014, the EPA accepted written comments on the proposed rule until March 17, 2015. The EPA issued its final rule strengthening the ozone standards to 0.070 ppm on October 1, 2015.

EPA has delayed issuing guidance on conformity requirements for transportation planning in relation to the 2015 Ozone rule. Until then, the these MTPs are only required to maintain compliance with the 2008 standard definition.

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Table 5-16: Existing Standards for Criteria Pollutants

Pollutant		Primary/ Secondary	Averaging Time	Level	Form
Carbon Monoxide (CO)		Primary	8-Hour	9 ppm	Not to be exceeded more than once per year
			1-Hour	35 ppm	
Lead		Primary and Secondary	Rolling 3-month average	0.15 µg/m3	Not to be exceeded
Nitrogen Dioxide (NOX)		Primary	1-hour	100 ppb	98th percentile, averaged over 3 years
		Primary and Secondary	Annual	53 ppb	Annual mean
Ozone		Primary and Secondary	8-hour	0.075 ppm	Annual fourth-highest maximum daily 8-hour concentration, averaged over 3 years
Particle Pollution	PM 2.5	Primary	Annual	12 µg/m3	Annual mean, averaged over 3 years
		Secondary	Annual	15 µg/m3	Annual mean, averaged over 3 years
	PM 10	Primary and Secondary	24-hour	35 µg/m3	98th percentile, averaged over 3 years
		Primary and Secondary	24-hour	150 µg/m3	Not to be exceeded more than once per year, averaged over 3 years
Sulfur Dioxide		Primary	1-hour	75 ppb	9th percentile of daily 1-hour maximum, averaged over 3 years
		Secondary	3-hour	0.5 ppm	Not to be exceeded more than once per year

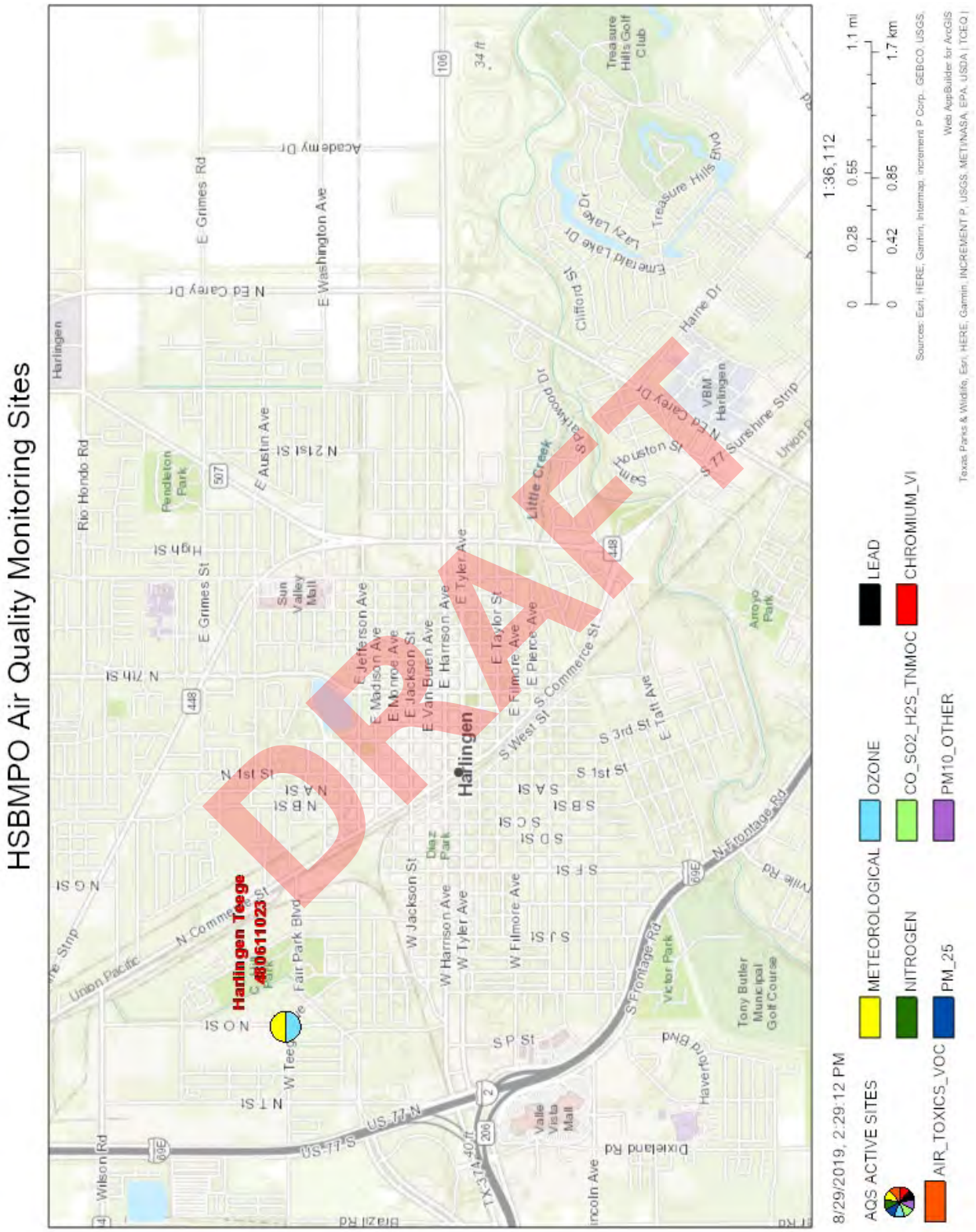
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Regions are designated by the EPA as either in attainment or non-attainment for NAAQS. Attainment means the concentration of each pollutant does not exceed NAAQS. Non-attainment means the concentration of at least one pollutant exceeds the maximum defined threshold. If an area is designated as non-attainment, the State must develop and submit a State Implementation Plan (SIP). The SIP addresses each pollutant that exceeds NAAQS and establishes an overall regional plan to reduce air pollution emission levels, designed to return the area to, and maintain, attainment status. Once a non-attainment area meets the standards, EPA will designate the area to attainment as a "maintenance area." Maintenance areas are required to have a Maintenance Plan in place to ensure continued attainment of the respective air quality standard. The Clean Air Act defines specific timetables to attain air quality standards and requires non-attainment areas to demonstrate reasonable progress in reducing air pollutants until the area achieves attainment.

Harlingen-San Benito MPO

There is one site in the HSB MPO planning area that forms part of Texas' monitoring network. The Harlingen Teege site monitors Ozone, temperature, and wind (**Figure 5-17**).

Figure 5-17: HSB MPO Air Quality Monitoring Sites

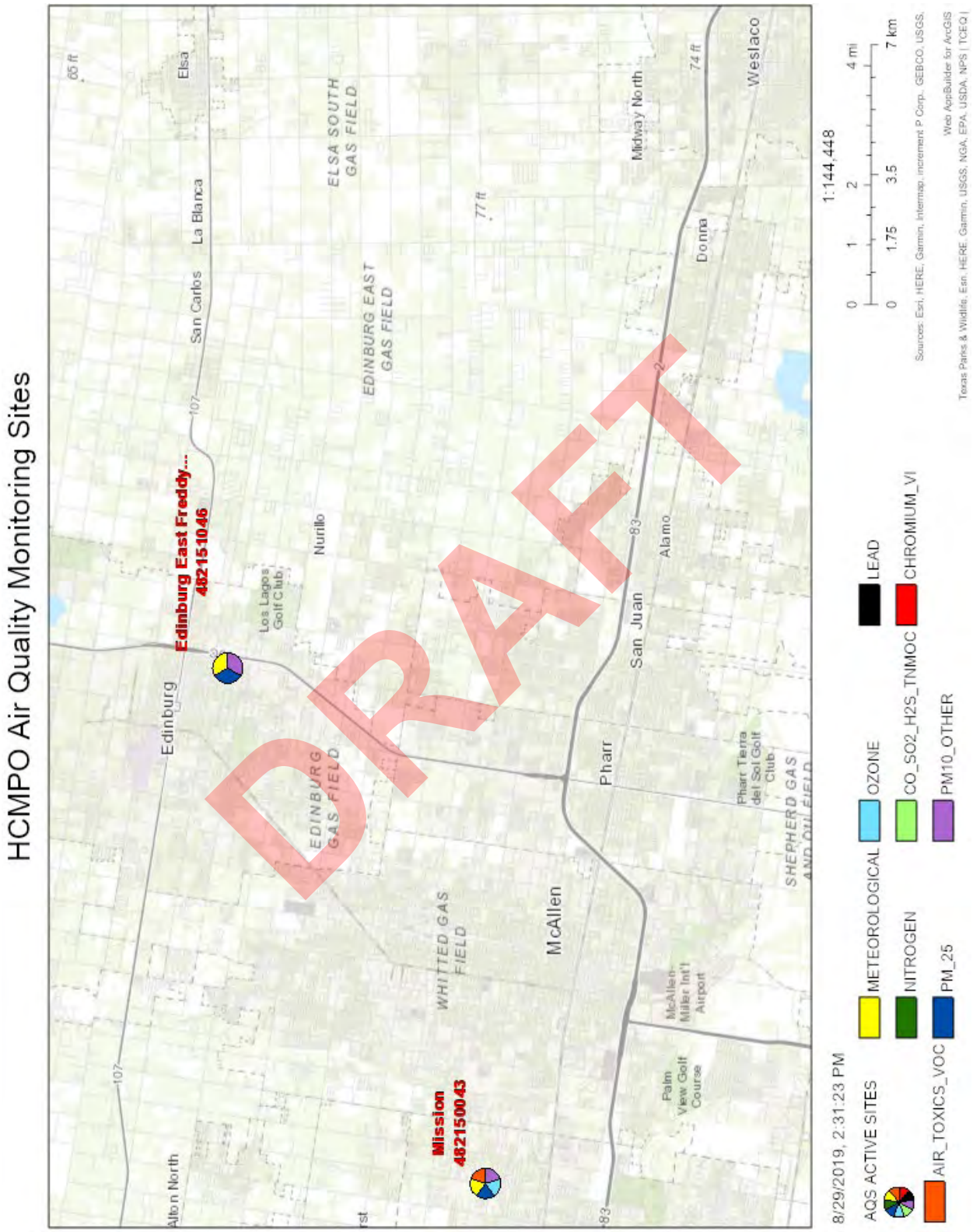


Hidalgo County MPO

There are two sites in the HC MPO planning area that form part of Texas' monitoring network (**Figure 5-18**). The Mission site monitors Ozone, PM 10 using FRM, PM2.5 using a continuous tapered element oscillating microbalance (TEOM), SVOC, solar radiation, temperature, and wind. The Edinburg East Freddy Gonzalez Drive site monitors PM 10 using FRM, PM2.5 using a continuous tapered element oscillating microbalance (TEOM), temperature, and wind.

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Figure 5-18: HC MPO Air Quality Monitoring Sites

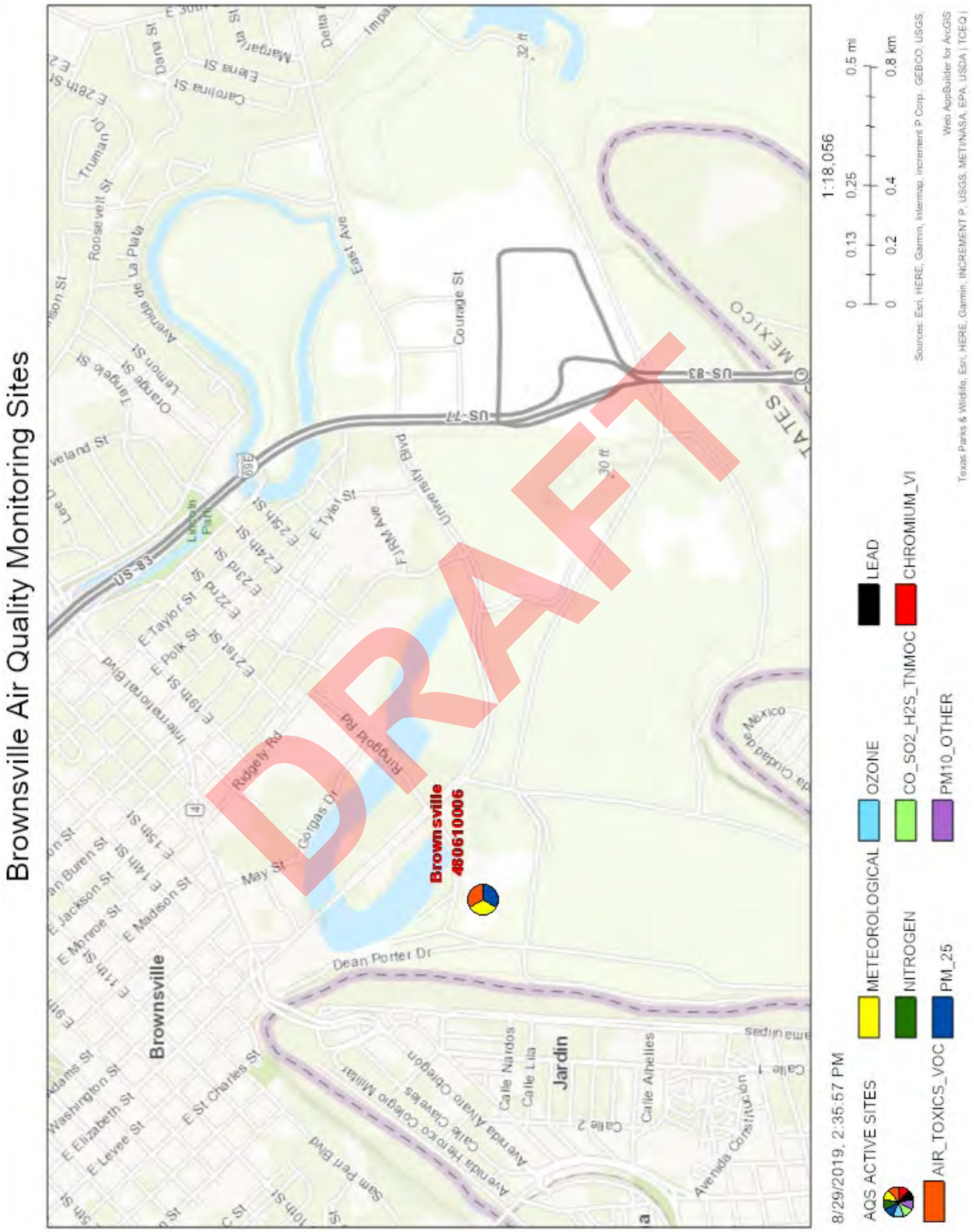


Brownsville MPO

There is one site in the Brownsville planning area that forms part of Texas' monitoring network (**Figure 5-19**). The Brownsville site monitors PM2.5 using a continuous tapered element oscillating microbalance (TEOM), SVOC, solar radiation, temperature, and wind.

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Figure 5-19: Brownsville MPO Air Quality Monitoring Sites

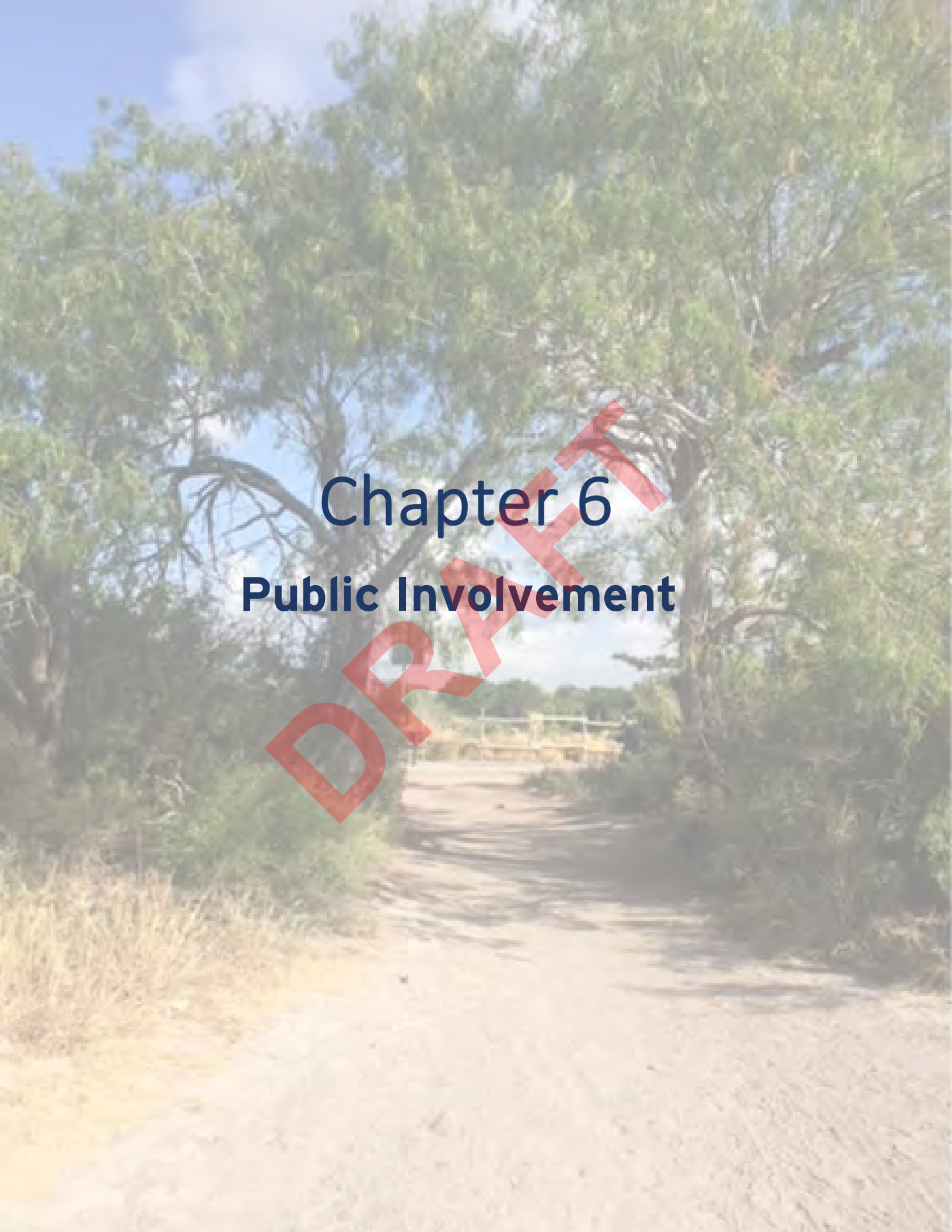


Transportation Conformity Analysis

The Clean Air Act requires transportation plans to prioritize investments for the next three years to meet federal clean air standards in future years should a non-attainment status be determined. All three MPO planning areas have achieved an attainment air quality finding as of May 2019, according to the EPA[5]. In order to keep this status, the MPOs should strive to maintain transportation activities that do not contribute to a non-attainment status but continue to increase the air quality of their designated planning areas.

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[5] (2019, May 22). US EPA Nonattainment Areas and Designations. Retrieved from https://catalog.data.gov/dataset/us-epa-nonattainment-areas-and-designations



Chapter 6

Public Involvement

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PUBLIC INVOLVEMENT

Public involvement is critical for a well-developed Metropolitan Transportation Plan (MTP). The process for engaging stakeholders and the public and soliciting their input might vary by region, but the collaborative nature of public involvement remains essential and valuable to the planning process.

Public Participation Program

As part of their commitment to engaging with the communities they serve, each MPO has adopted and maintained a Public Participation Program (PPP). The PPP serves as a guide for the MPO by summarizing and outlining the policies, goals, and objectives that the MPO has adopted in terms of engaging with residents, community groups, and other stakeholders during planning processes.



Exhibit 6-1: Harlingen-San Benito MPO Public Open House

The PPP addresses Title VI as well as Environmental Justice concerns, and emphasizes the need to "consult, coordinate, consider, and cooperate." The PPP outlines communicating and disseminating for Limited English Proficiency (LEP) communities as well as defining appropriate timeframes for public notice and methods for disseminating information.

Harlingen-San Benito MPO PPP

The guiding principles for the HSB MPO are as follows:

- Provide timely information about transportation issues and processes to all stakeholder groups.
- Provide reasonable public access to technical and policy information used in the development of transportation plans.
- Conduct open public meetings where matters related to transportation programs are being considered at convenient and accessible locations and times.
- Give adequate public notice of participation activities and time for public review and comment at key decision points.
- Respond appropriately and timely to public comment received.
- Seek out and consider the needs of those traditionally under-served by existing transportation systems.

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- Coordinate with the statewide transportation planning public involvement and consultation processes wherever possible to enhance public consideration of the issues, plans and programs, and reduce redundancies and costs.

Hidalgo County MPO PPP

The guiding principles for the HC MPO are as follows:

- Provide timely information about transportation issues and processes to all stakeholder groups.
- Provide reasonable public access to technical and policy information used in the development of transportation plans.
- Conduct open public meetings where matters related to transportation programs are being considered at convenient and accessible locations and times.
- Give adequate public notice of participation activities and time for public review and comment at key decision points.
- Respond appropriately and timely to public comment received.
- Seek out and consider the needs of those traditionally under-served by existing transportation systems.
- Provide a minimum public comment period of 45 calendar days prior to the adoption of the PPP and/or any amendments and make notice of this 45-day period via general circulation (i.e. newspapers).
- Provide a public comment period of not less than 30 calendar days prior to adoption of the MTP, the TIP, the UPWP, Transit Development Plans, any formal amendments or updates, and other appropriate transportation plans and projects.
- Coordinate with the statewide transportation planning public involvement and consultation processes wherever possible to enhance public consideration of the issues, plans and programs, and reduce redundancies and costs.

Brownsville MPO PPP

The guiding principles for the Brownsville MPO are as follows:

- Early and reasonable involvement opportunities to be provided throughout the transportation planning and programming process
- Timely information concerning transportation issues and processes is disseminated to stakeholder groups.
- Solicit the input and understand the needs of those traditionally underserved by existing transportation systems.
- Provide adequate public notice to allow time for public review and comments at key decision points.
- Employ visualization techniques and use non-technical language to describe changes proposed by the MPO Committees.
- Connect with organizations and community leaders to help the MPO reach more people.

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- Hold MPO public workshops and MPO Open House (Forums) at convenient times and locations to solicit public input.
- Increase public awareness and understanding of the MPO.
- Review and update this participation plan, as needed to ensure a full, open process.
- Evaluate (on a periodic basis) the effectiveness of the MPO's public participation strategies, methods and means of informing the public.
- Respond appropriately and timely to public comments received and if applicable incorporate in planning documents.

MTP Public Involvement Efforts

Over the course of the 2045 MTP development process, all three existing MPOs undertook a series of public and stakeholder outreach efforts to better understand the needs, challenges, and opportunities for the existing transportation system, as well as the community visions and goals for the future of the regional transportation system over the next 25 years. This involved a series of individual engagement efforts, as well as one joint public open house. The various outreach efforts for each separate existing MPO are described in the following sections.

Visioning & Surveys

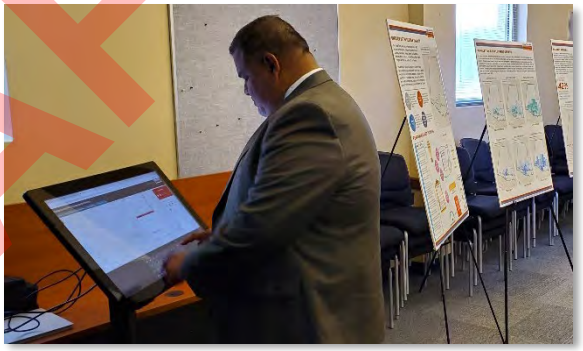


Exhibit 6-2: Hidalgo County MPO Public Open House

The purpose of the MTP visioning process was to solicit the public for input regarding their values and priorities for the future of the transportation system in the region. The feedback received helped the MPOs define the goals and objectives for the MTP and played a role in shaping the process used to prioritize transportation improvement projects proposed for inclusion in the plan. Public feedback received from the online tool (discussed below) was used to create weighted bonus points for each evaluation criteria in the scoring process. These points were then assigned proportionally to projects based on the average project score assigned by the Technical Committee. The project scoring process is discussed in further detail in Chapter 4, which covers transportation strategies for each MPO planning area.

The visioning process for the HC MPO and HSB MPO consisted of an online tool that was custom made for both area's MTP development process. This tool consisted of modules that both educated the public about the plan development process and requested input about community values and existing conditions in the region. These modules included a survey that gathered basic information about the participants and their transportation usage; an exercise where participants were asked to distribute hypothetical and constrained monetary values to the various planning factors involved in the plan development process; and an interactive map of the region where participants could place comments in exact locations regarding specific needs or issues related to transportation at those locations.

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Harlingen-San Benito MPO

The online tool was opened in April of 2019 and closed in August of 2019. During this time the tool received a total of 90 English and 15 Spanish survey responses, as well as 49 English and 3 Spanish comments on the interactive map. **Figure 6-1** displays a screenshot of the feedback map module from the HSB MPO online tool.

Figure 6-1: HSB MPO Online Visioning Tool – Feedback Map Module



Hidalgo County MPO

The visioning process for the HC MPO 2040 MTP used the framework of the online tool described above for HSB MPO, however custom-developed for HC MPO's MTP development process.

The online tool for HC MPO was opened in June of 2019 and closed in August of 2019. During this time the tool received a total of 44 English and 12 Spanish survey responses and 34 English and 2 Spanish comments on the interactive map. **Figure 6-2** is a screenshot of the feedback map module from the HC MPO online tool.

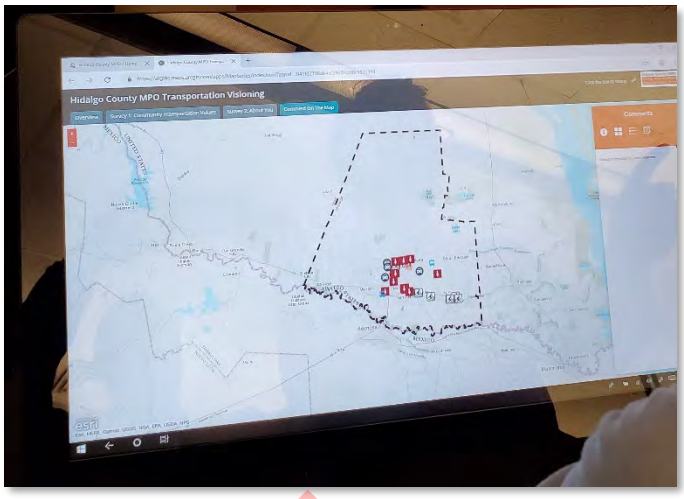
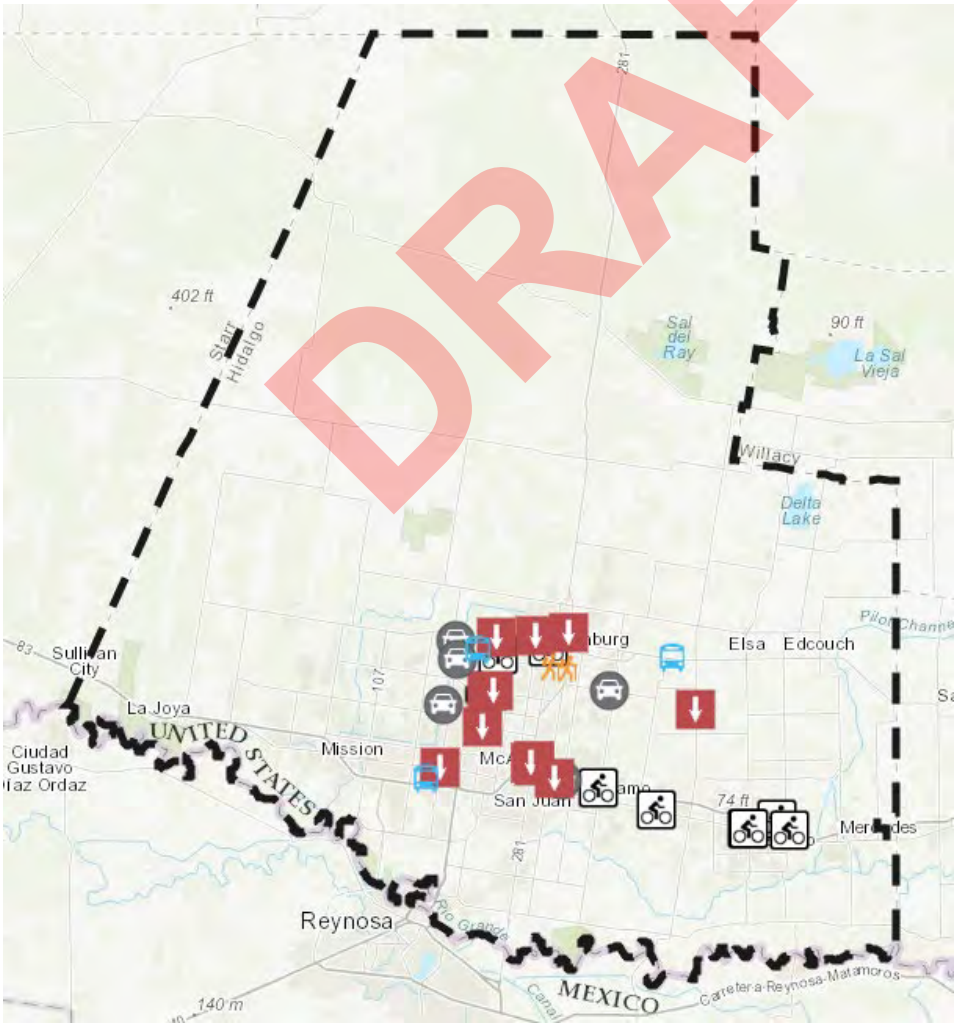


Exhibit 6-3: Hidalgo County MTP Online Visioning Tool

Figure 6-2: HC MPO Online Visioning Tool – Feedback Map Module



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Stakeholder Interviews

In March and June 2019, respectively, the HSB MPO and HC MPO conducted a series of interviews (specific to each MPO) with different groups of stakeholders from various backgrounds and localities throughout the region. Based on their backgrounds, stakeholders were asked questions that they were best suited to answer regarding current conditions of the transportation system for their respective MPO planning area. Topics and generalized stakeholder concerns for both MPOs about the transportation system discussed during the interviews are listed in **Table 6-1** and **Table 6-2**.

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Table 6-1: HSB MPO Interview Groups & Generalized Stakeholder Concerns

Stakeholder Groups	Generalized Stakeholder Concerns
Emergency Response & Transportation Safety	Schools are being built without adequate transportation infrastructure which causes safety concerns
	Freight traffic is increasing from the Port of Harlingen and surrounding areas which increases safety hazards
	Accidents a result of lack of bicycle/pedestrian infrastructure; those without automobiles are forced to use unsafe infrastructure at times
	Generally, a lack of right-of-way/emergency lanes; all lanes are used for traffic in most areas
Environmental, Community/Business, & Tourism Organizations	Opening of the convention center may have an impact on transportation system
	Safety/congestion concerns specifically for: access to McKelvey Park, Commerce St, Business 77
Higher Education & Non-Profit Organizations	Focus on expanding transit coverage and service span; connect students to region and provide non-peak hour service
	Need to emphasize transportation for those needing connectivity to medical facilities
	Better marketing for existing services; improve ADA compliance
	Safety/congestion concerns specifically for: FM 509, Ed Carey Dr, Harrison Ave
Transportation Operators	Better connectivity/safety from Port of Harlingen to Airport; freight traffic is impacting rural roadways and school zones, as well as general pavement conditions
	Transit service in Harlingen is lacking/more amenities in surrounding MPOs; would like to see opportunities for connectivity to surrounding college campuses and medical amenities
	Safety/congestion concerns specifically for: FM 106, FM 509, FM 1420
Elected Officials	There is a need to focus on regional connectivity/look at the larger picture; freight is only increasing and needs to be accommodated
	Congestion created from regional traffic flow (i.e. IH 2 and IH 69) is impacting surrounding roadway infrastructure; ramps are becoming backed up and causing safety concerns
	The Port of Harlingen is creating major freight traffic that is impacting rural highways; need to focus on alleviating stress caused by freight traffic
	There needs to be better coordination with transit providers in the RGV region
	The current trail system provides a means of connectivity to many who live in the area; focus on creating more connectivity using irrigation paths/other right-of-way
	Safety/congestion concerns specifically for: Ed Carey Dr, FM 509, Tyler/Harrison Ave, Williams Rd

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Table 6-2: HC MPO Interview Groups & Generalized Stakeholder Concerns

Stakeholder Groups	Generalized Stakeholder Concerns
Emergency Response & Transportation Safety	Expressway (McAllen and Pharr to Mission) heavily congested
	Pharr southbound interchange safety
	SH 107 needs better bicycle infrastructure
	Flooding on frontage roads (possibly impacts evacuation routes)
Education	Flooding/road conditions/lack of sidewalks
	107/University Dr (hazardous pickup/drop-off locations for buses)
	281 North (buses forced off the road due to 75 mph speed limit)
	Pharr Interchange (IH 69 north and south and IH 2 east and west)
Transportation Advisory Committee	Lack of funding for right-of-way expansion
	Regional transit connectivity and overall congestion/growth in the region
	Border policy
	Safety/congestion concerns specifically for: Military/US 1, US 23, and 1925 North to IH 69
Transit	Safety/congestion concerns along following roadways: Military/IH 2 and Expressway heading west from McAllen to Edinburg
	Need for ROW increases for lane additions/expansions
	Better coordination amongst transit providers in the RGV region
	Dedicated local funding sources for transit; the system is currently flag-a-stop and lacks amenities and decent frequencies
Bike & Pedestrian Advisory Committee	Need for bicycle awareness/education in the MPO planning area and RGV region
	The region is poorly served/currently poor connectivity due to lack of actual transit amenities
	Need for strategic infrastructure and partnerships
	The region lacks ADA compliancy which limits overall mobility for those who do not own a personal automobile

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Public Open Houses

Each MPO hosted open houses during the development of their MTPs. These were held with the purpose of presenting the work done to-date on the development of the plan, which included educational aspects about what an MTP is and why the MPO needs to develop one, as well as the results of the Current Conditions Assessment discussed in Chapter 3. These public open housed consisted of a set of exhibit boards that displayed information about the plan and the analyses using text, graphics, and maps. One open house was held at the Harlingen Cultural Arts Center where all three MPOs were in attendance.

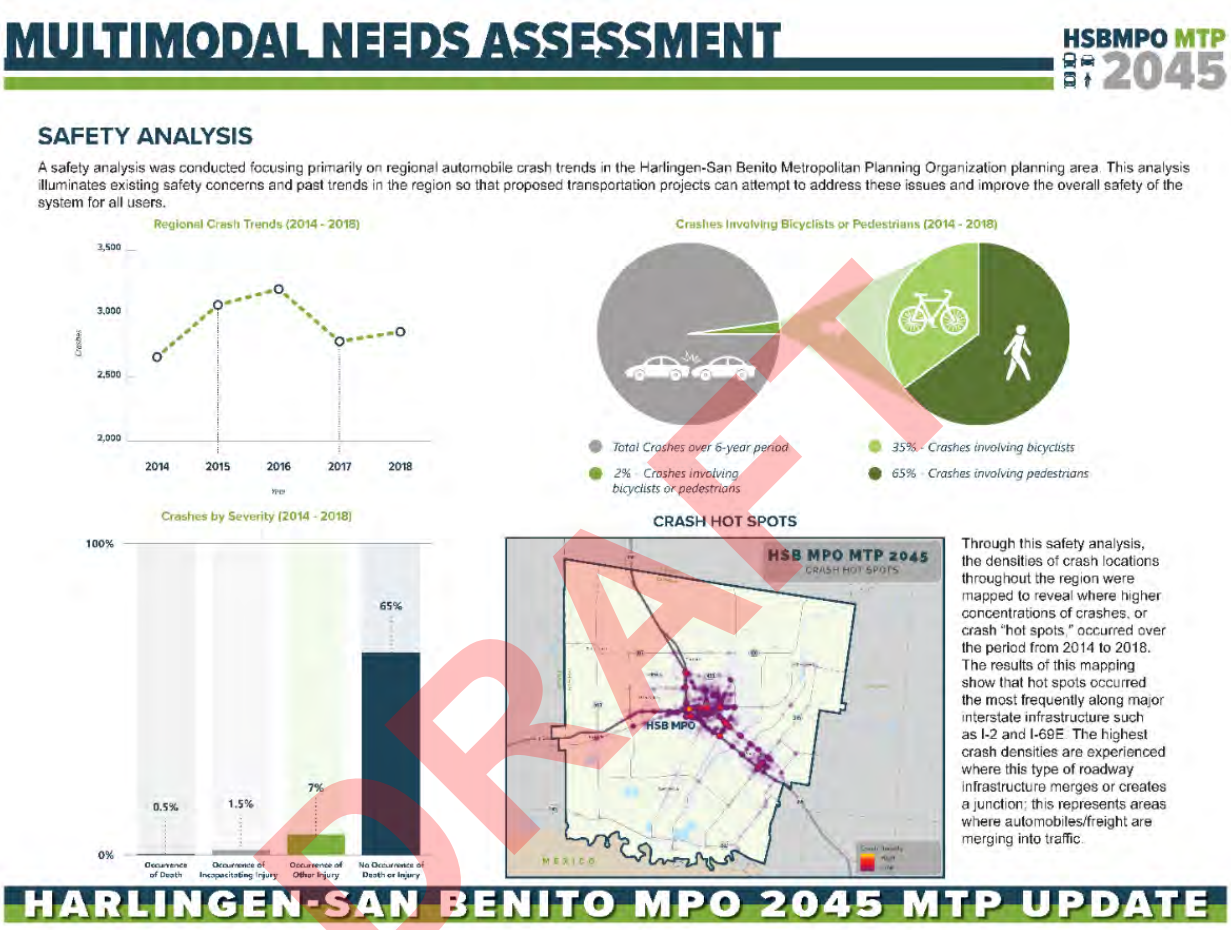


Exhibit 6-4: Harlingen-San Benito MPO Public Open House

Harlingen-San Benito MPO

Figure 6-3 shows and example of one of the boards displayed at the open house. The full set of open house boards can be seen in Appendix X.

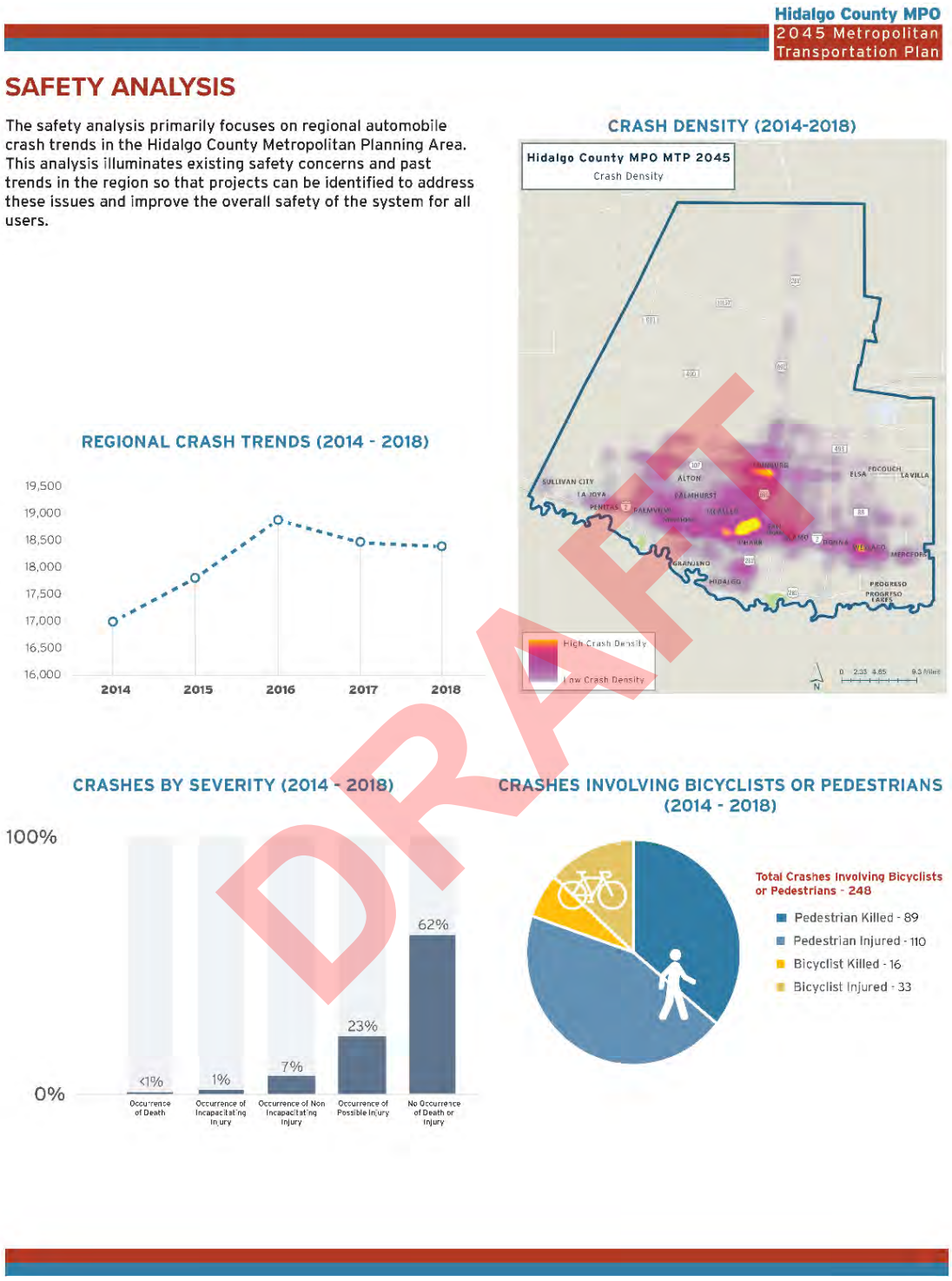
Figure 6-3: Example of Board at First Open House



Hidalgo County MPO

Figure 6-4 shows and example of one of the boards displayed at the open house. The full set of open house boards can be seen in Appendix X.

Figure 6-4: Example of Board at First Open House



A second set of public open houses were held in October 2019 and were located throughout the RGV MPO planning area. The purpose of these open houses is to provide the public with an overview of the draft RGVMPO MTP, including available proposed program of projects for

each existing MPO, and further solicit public feedback. Like the first open houses held for both HSB MPO and HC MPO, the second set of open houses will include a set of exhibit boards to convey information about the draft plan and the proposed projects using text, graphics, and maps.

Brownsville MPO Public Engagement Efforts

Goals & Objectives

The MPO Public Participation and Involvement Policies (PPIP) have been designed to encourage public participation in the transportation planning process.



Exhibit 6-5: Brownsville MPO Public Open House

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Public Involvement Strategies

MPO Public Involvement strategies may include the following:

- Legal and display advertising in the (Brownsville) Herald;
- Posting advance notice of MPO meetings on the City of Brownsville Public Access TV Bulletin Board;
- Televised MPO meetings are available for live viewing (Brownsville TV) (https://www.cob.us/823/BrownsvilleTV)
- Posting of information on the MPO's webpage (http://mpo.cob.us)
- Online Surveys (Survey Monkey)
- Sharing MPO information on Social Media – Facebook (www.facebook.com/BrownsvilleMPO)
- Direct mailing to stakeholders/groups likely to be affected by a proposed transportation improvement.
- Holding of special meetings, workshops, etc. to encourage input;
- Sharing of MPO information with other agencies, to utilize their distribution networks, (e.g. e-mail blasts).
- MPO Newsletter

Background

The MPO's Public Participation and Involvement Policies (PPIP) were revised at the end of 2018. Formal adoption of the Amended Participation and Involvement Public Policies took place at the MPO projects Policy Committee meeting held on January 16, 2019. This update began in October 2018. Public notices were placed in the local newspaper (and on the MPO website on several occasions- https://www.cob.us/1614/Public-Notices), to solicit input from local citizens.

One significant change is that provisions of the MPO's "stand alone" Limited English Proficiency Plan (LEP) were incorporated or combined to be a part of the Public Participation & Involvement Policies. Also, text changes were added to the LEP to clarify (for citizens) how to ask for extra assistance at the MPO meetings. The LEP was added to the Involvement Policies in order to raise or augment its visibility to local residents, since the Involvement Policies are prominently featured on the MPO websites.

Revision of the MPO's Public Participation & Involvement Policies (PPIP)

Another addition was the inclusion or citation of the MPO's Title VI Assurances. Under Title VI, the MPO planning process and tasks shall not be discriminatory of race, color, or natural origin. The MPO's PPIP now informs local citizens and other parties about the MPO's Title VI Policy Statement and provides information about how to contact MPO staff if they wish to learn more about these matters. Other improvements to the MPO's Public Participation and Involvement Policies were made to outline the purposes or overall goals of having these policies. Specifically, new text was added to explain these goals and guidelines. Some of these additions include the following:

- Employ visualization techniques and use non-technical language to describe changes proposed by the MPO Committees
- Connect with organizations and community leaders to help the MPO reach more people. Hold MPO public workshops and MPO Open house (Forums) at convenient times and locations to solicit public input.
- Increase public awareness and understanding of the MPO.
- Review and update the MPO's public participation plan, as needed, to ensure a full, open process.
- Evaluate (on a periodic basis) effectiveness of the MPO's public participation strategies, methods and means of informing the public.

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Exhibit 6-6: Brownsville MPO Public Involvement

MTP Development

Many opportunities have been provided for citizens to suggest ideas and input towards MTP formation. MPO staff asked citizens for MTP projects (ideas or problems to address) some two years ago.

Brownsville MPO notifies citizens and agency staff throughout the year about on-going plans. MPO staff provide continuous notifications. For example, staff at the U.S. Fish & Wildlife Services receive the MPO Committee meeting packets each month. In other cases, notices are sent to citizens based upon their concerns (e.g. bicycle/pedestrian planning) expressed via contact with MPO staff.

Aside from such notifications described above, Brownsville MPO provides other opportunities for participation. For example, MPO staff have sponsored Open House Events and Workshops. Typically, these open forums or gatherings have been held at the Brownsville Public Library or the Community Network Centers.

In the past couple of years, the MPO has successfully held the following public open house/workshops:

- **04/11/2018-** MPO Open House – Brownsville Historic Museum
- **10/03/2018-** MPO Bike and Pedestrian Mobility Workshop – Brownsville Southmost Community Network Center
- **12/06/2018-** MPO Open House/ Bike and Pedestrian Mobility Workshop – Brownsville Public Library
- **05/09/2019-** MPO Open House/ Bike and Pedestrian Mobility Workshop – El Centro Cultural, (Cameron Park).

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Exhibit 6-7: Brownsville MPO Public Open House

Brownsville MPO has also participated in public events such as Brownsville Cyclobia, Hurricane Awareness and BMETRO's October Fest. Our participation in these events help to inform and engage the public on the short- and long-range transportation plans for this area.

Participating in non-transportation related events allows the Brownsville MPO to obtain input from different audience with diverse point of views on our transportation needs.

By asking and receiving input well in advance for TIP/MTP development, MPO staff hope to involve stakeholders very early in the planning process.

When it is feasible, MPO staff takes advantage of cooperative publicity efforts. For example, MPO staff attend quarterly meetings of the Collaborative Action Board (CAB). By sharing advance notice of pending MPO Open House Events with CAB staff, the CAB personnel have sent out email notices on behalf of the MPO to other social agency stakeholders. This CAB notice extends the MPO's "reach" to help educate and advise new parties about on-going MPO plans and policies.

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Exhibit 6-8: Brownsville MPO Public Open House

In May 2019 an MPO presentation was given to the Cameron County Promotoras Task Force Group at the Cameron Park Colonia. As the Cameron County promoters prepare for the 2020 US Census, gaining knowledge on the MPO is important as this is a federally funded transportation program.

In addition, the Brownsville MPO creates Newsletters with the intent to inform the public about current ongoing projects, plans, and events. The newsletters include a comment sheet that allows for public comments to be submitted to the MPO. Newsletters are printed and distributed to various locations where the public can have a hard copy. MPO staff also shares these newsletters online via website and social media.

In late 2017, the Brownsville MPO began to use Facebook. Utilizing social media as an alternate means of communication is very important due to the large number of users that Facebook has. The MPO has utilized Facebook to share meeting announcements, upcoming events, newsletters, meeting videos, and public notices. No comments regarding the MPO have been received via Facebook however the number of followers and "Likes" to MPO posts have increased throughout the last couple of years.

Soliciting Input/Feedback from Area Stakeholders

In early and Mid-August of 2019, MPO staff forwarded the Draft MTP area stakeholders. This notice asked staff members to review the draft MTP and provide feedback. Also, notice was given of pending MTP adoption, scheduled for September 18, 2019.

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Figure 6-5: Brownsville MPO Public Meeting Notice

PUBLIC MEETING NOTICE (NOTICIA PUBLICA)

SI USTED QUIERE UNA EXPLICACION EN ESPANOL DE LA SIGUIENTE NOTIFICACION, LLAME AL DEPARTAMENTO DE PLANEACION AL NUMERO (956) 548-6150.

Notice is hereby given that the Brownsville Metropolitan Planning Organization (MPO) will receive comments on the MPO's Draft FY 2020-2045 Metropolitan Transportation Plan (MTP).

The MPO's MTP is a blueprint for meeting the area's transportation needs for all modes, including highway, bicycle, pedestrian and public transportation. A draft document has been developed which outlines available funds and specific transportation improvement projects.

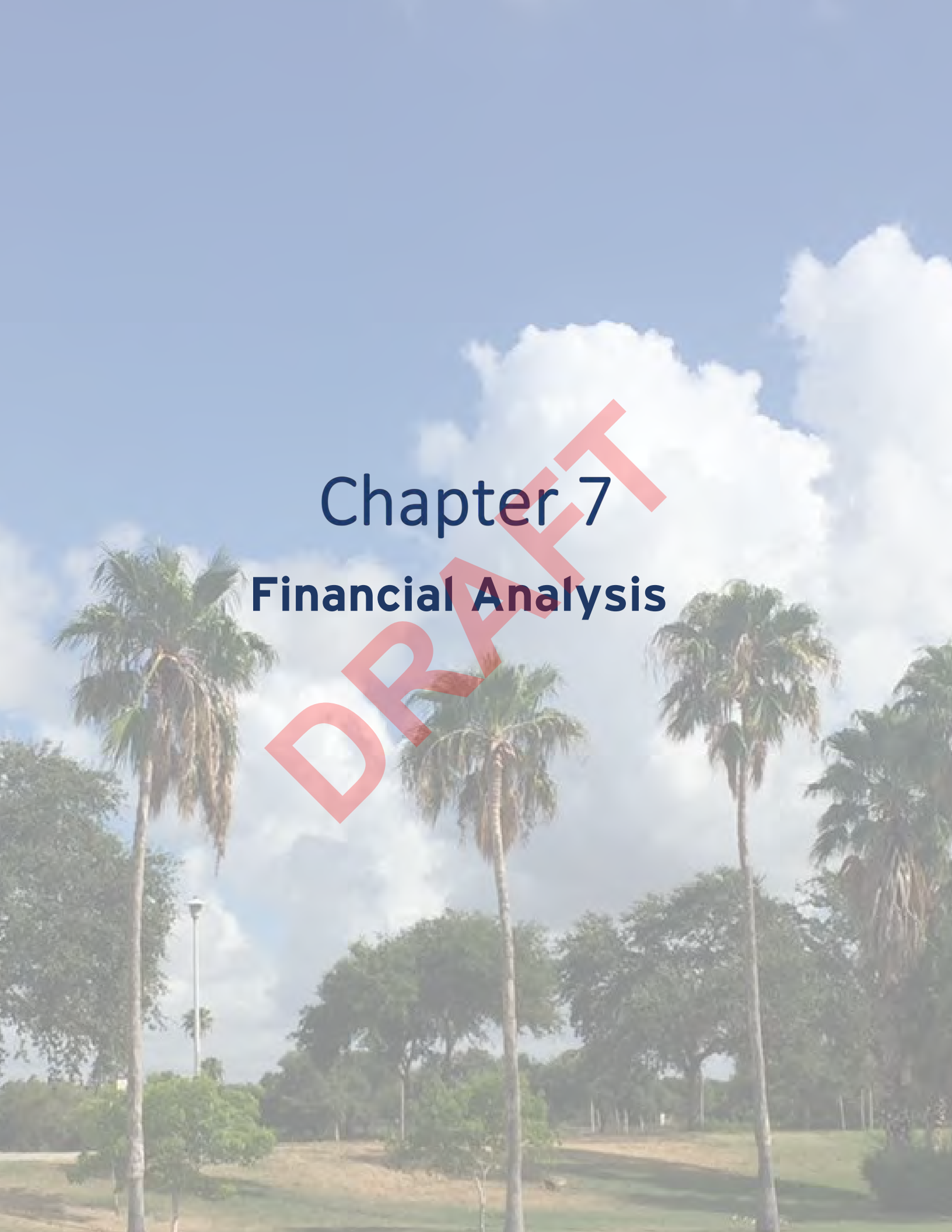
The MTP is expected to be adopted at the MPO Policy Committee Meeting set for Wednesday September 18, 2019 at 10 am at City Hall, 2nd floor Commission Chambers, 1001 E. Elizabeth St., Brownsville, Texas.

A draft document is available for public inspection at the Brownsville MPO office located at 1034 E. Levee St., 2nd floor, Brownsville, Texas. For more information, please call Antonio Zubieta, MPO Planner, at (956) 574-6696.

Witness my hand on
August 14, 2019

Mark Lund
MPO Director

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Chapter 7

Financial Analysis

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Estimated Funding

According to federal regulations, transportation improvement projects included in an MTP must fall within the financial capabilities of the community. The final project list included in the MTP must therefore be fiscally constrained, meaning that the funding available for projects must be greater than or equal to the anticipated cost of the projects.

This chapter includes a list of funding sources and dollar amounts anticipated to be available to fund projects included in this MTP. It also outlines the process by which funding levels were established to determine the amount of funds available.

Because federal regulations stipulate that the financial forecast consider the change in value of the dollar over time due to inflation, funding and costs discussed in this chapter were estimated in year-of-receipt and year-of-expenditure dollars, respectively.

Roadway Funding Categories

TxDOT annually sub-allocates a portion of federal transportation funds to each Texas MPO based on agreed upon formulas. These funds are distributed through twelve categories. The MPO Policy Boards are responsible for managing and directing the development of a multi-year program of local government sponsored projects within available annual budget amounts.

Category 1-Preventive Maintenance and Rehabilitation

Preventive maintenance works to preserve, rather than improve the structural integrity of the pavement or structure. Rehabilitation funds can be expended on any highway in the state highway system and are intended for the rehabilitation of existing main lanes, structures, and frontage roads including approved preventive maintenance measures. Rehabilitation of an existing two-lane highway to a "super 2" highway may be funded within this category. The installation or rehabilitation of signs and their appurtenances, pavement markings, thermoplastic striping, traffic signals, and illumination systems, including minor roadway modifications to improve operations are also allowed under this category. Funds can be used to install new traffic signals as well as modernize existing signals.

Category 2-Metropolitan Corridor Projects

Funds may be used for mobility and added capacity projects along a corridor that improves transportation facilities in order to decrease travel time, decrease the level or duration of traffic congestion, and/or to increase the safe and efficient movement of people and freight in Transportation Management Areas (TMAs). Projects are recommended by Department of Transportation Districts based on corridors that are selected by MPOs through the metropolitan planning process. A TMA is a metropolitan planning area with a population of 200,000 or greater and is represented by an MPO. These projects are selected by TxDOT through coordination with the MPO.

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Category 3-Non-traditionally Funded Transportation Projects

These are transportation related projects that qualify for funding from sources not traditionally part of the State Highway Funding (SHF) including state bond financing under programs such as Proposition 12, Proposition 14, Texas Mobility Fund, pass through financing, regional revenue and concession funds, and local participation funding. These funds are approved by legislation through the Texas Transportation Commission (TTC), Minute Orders, and local government commitments. Additionally, Federal earmarks or special federal programs are allocated within Category 3.

Category 4-Statewide Connectivity Corridor Projects

Funds may be used for mobility and added capacity projects on major state highway system corridors, which serve the mobility needs of statewide connectivity between urban areas and corridors serving mobility needs throughout the state. Selection of these projects is based on engineering analysis of projects on three corridor types: mobility corridors based on congestion, connectivity corridors such as 2-lane roadways requiring upgrade to 4-lane divided, and strategic corridors such as strategic corridor additions to the state highway network. Corridors are composed of a highway connectivity network which includes:

- The Texas Trunk System
- The National Highway System (NHS)
- Connections from Texas Trunk System or NHS to major ports on international borders or Texas water ports

Category 5-Congestion Mitigation and Air Quality Improvement

Funds may be used for projects selected by MPOs in consultation with TxDOT and funded by the district's Allocation Program. The commission allocates money based on population percentages within areas failing to meet air quality standards. Failing to meet these air quality standards is also known as being in non-attainment for air quality. These funds are popularly known as Congestion Mitigation and Air Quality (CMAQ) funds.

Category 6-Structures Replacement and Rehabilitation

Funding within this category is provided through three main programs, the Highway Bridge Program, Railroad Grade Separation Program, and the Bridge Maintenance and Improvement Program. Within the Highway Bridge Program, bridges are selected statewide based on eligibility and prioritized based on sufficiency ratings. Eligible bridges have a deficiency status of "structurally deficient" or "functionally obsolete" and have sufficiency ratings below a score of 80.

Within the Railroad Grade Separation Program, projects are selected based on a cost-benefit index rating that encompasses vehicle and train traffic, accident rates, casualty costs, and personnel and equipment delay costs. The index is used to select at-grade railroad crossing elimination projects or uses vertical clearance and roadway characteristics for selecting replacement or rehabilitation of railroad underpass projects. Within the Bridge Maintenance and Improvement Program, projects are selected statewide based on identified bridge

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maintenance/improvement needs to aid in ensuring the management and safety of the state's bridge assets. For projects that are selected, all bridge elements will meet a predetermined condition threshold after rehabilitation.

These programs replace eligible bridges on and off the state's highway system that are considered functionally obsolete or structurally deficient. Bridges with a sufficiency rating below 50 are eligible for replacement. Bridges with a sufficiency rating of 80 or less are eligible for rehabilitation. A minimum of 15% of the funding must go toward replacement or rehabilitation of off-system bridges. This funding also eliminates at-grade highway-railroad crossings through the construction of highway overpasses or railroad underpasses and rehabilitates or replaces deficient railroad underpasses on the state highway system.

Category 7-Metropolitan Mobility/Rehabilitation

Funds in this category are part of a federal program that distributes money to MPOs with an urbanized area population of 200,000 or greater known as TMAs. The projects are selected by the MPO through coordination with TxDOT.

Category 8-Safety

Funding in this category is provided through four programs; the Highway Safety Improvement Program (HSIP), Safety Bond Program, Systematic Widening Program, and Railroad Crossing Program. The HSIP focuses on safety-related projects on and off the state highway system using the safety improvement index. The index uses three years of crash data to evaluate and rank projects' safety. Workforce development, training, and education activities are also eligible uses of HSIP funds.

High Risk Rural Roads projects previously authorized remain in Category 8. Future High-Risk Rural Roads projects will be managed under the HSIP if required by special rule. The Safe Routes to School projects previously authorized remain in Category 8. Future Safe Routes to School projects will be managed under the Transportation Alternatives Program guidelines in Category 9.

The Safety Bond Program addresses the safety improvement index, roadway safety characteristics, and anticipated time required to complete a candidate project. Allocations for the safety bond program are approved by the Texas Transportation Commission (TTC), with the program managed as an allocation program on a statewide basis. Projects are evaluated, ranked, prioritized, and selected by the Traffic Rail Foundation (TRF).

The Systemic Widening Program funds projects that improve roadway safety features to prevent severe crash types on the state highway system. Projects are evaluated using roadway safety features for preventable severe crash types. Projects are evaluated, ranked, prioritized and selected by the Traffic Operations Division.

Funding within the Railroad Crossing Program is set aside from the HSIP for safety improvements to reduce the number of fatalities, injuries, and crashes at public grade crossings. Funds can be used for the installation of automatic railroad warning devices at railroad crossings both on and off the state highway system. Projects are selected from a

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statewide inventory list, which is prioritized by a rail crossing specific safety index using a crash prediction formula. This index is similar in process to the above-mentioned highway safety index but draws from a grade crossing safety database known as Texas Railroad Information Management System (TRIMS). The program provides incentive payments to local governments for closing crossings, improving signal preemption and coordination of train control signals, and improves passive warning devices to comply with federal guidelines.

Category 9-Transportation Alternatives Set-Aside (TA Set-Aside)

The FAST Act eliminates the MAP-21 Transportation Alternatives Program (TAP) and replaces it with a set-aside of Surface Transportation Block Grant (STBG) program funding for transportation alternatives (TA). These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity.

Category 10-Supplemental Transportation Projects

There are multiple agencies and several programs that administer funding in this category. The Texas Parks and Wildlife Department focuses on construction and rehabilitation of roadways within or adjacent to state parks, fish hatcheries, etc. The Texas Historical Commission focuses on construction and rehabilitation of roadways within or adjacent to historical sites. The Landscape Incentive Awards program focuses on the negotiation and execution of joint landscape development projects in nine locations based on population categories in association with the Keep Texas Beautiful Governor's Community Achievement Awards program. The awards recognize participating cities or communities' efforts in litter control, quality of life issues, and beautification programs and projects.

The Green Ribbon program addresses new landscape development and establishes projects within districts that have air quality non-attainment or near non-attainment counties. The Curb Ramp program focuses on construction or replacement of curb ramps at intersections to make the intersections more accessible to people with mobility limitations. The Coordinated Border Infrastructure Program focuses on projects selected to improve the safe movement of motor vehicles at or across the land border between the United States and Mexico. The Federal Lands Access Program focuses on facilities that are located on or adjacent to or provide access to federal lands.

The Rail Grade Crossing and Re-planking Program focuses on replacement of rough railroad crossing surfaces on the state highway system. Projects are selected based on the conditions of the riding surface such as highway, railroad, and drainage and the benefit to cost per vehicle using the crossing. The Railroad Signal Maintenance Program provides financing to individual railroad companies based on the number of state highway system crossings and type of automatic devices present at each crossing on the company's lines.

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Category 11-District Discretionary/Rider 11B/ Rider 45

The Texas Transportation Commission (TTC) allocates these projects by formula. The projects are selected by the TxDOT districts and include transportation projects selected at the district's discretion to meet Pharr District project shortfalls and/or unexpected change orders. The Pharr District receives several million dollars per year to respond to needs over eight counties. Category 11 funds must be used to address many needs over a very large area. Rider 11B funds are directed to the TxDOT Border Districts. These are funds used to support improvements for movement of goods and people through the Ports of Entry. Rider 45, Port Access Improvements, directs up to $20 million in each FY to be spent on the state's public roadway projects as selected by the Port Authority Advisory Committee and approved by the Texas Transportation Commission to improve access to Texas ports.

Category 12-Strategic Priority

The TTC selects projects which generally promote economic opportunity, increase efficiency on military deployment routes, retain military assets in response to the federal military base realignment and closure report, or maintain the ability to respond to both man-made and natural emergencies. The TTC approves pass through financing projects in order to help local communities address their transportation needs. Through this category, TxDOT provides Category 5-Congestion Mitigation and Air Quality (CMAQ) and Category 7- Surface Transportation Program – Metro Mobility (STP-MM) reconciliation funding back to each corresponding MPO.

Coordinated Border Infrastructure Program (CBI)

In the past, the MPO has received Coordinated Border Infrastructure (CBI) federal funding. This CBI program was created under the old transportation bill SAFETEA-LU. Now under MAP-21, this program has been eliminated. The MPOs may have some remaining CBI funding from the closed program.

Other Possible Funding Sources

Economically Disadvantaged Counties Program

Senate Bill 370 of the 75th Texas Legislature established the Economically Disadvantaged Counties Program (EDCP). The TTC amended the Texas Administrative Code on November 20, 1997 allowing the program to become effective on January 1, 1998. The bill requires the TTC to evaluate proposals for highway improvement projects located within economically disadvantaged counties. An economically disadvantaged county is defined by below average per capita taxable property value, below average per capita income, and above average unemployment compared to other counties within the state. Generally, 80% of the total cost of the project are federally funded and 20% are locally funded. A notable exception is federal safety funds, which require only a 10% local funding match. TxDOT provides the matching funds for roadways on the state highway system (Farm-to-Market, State Highways, U.S. Highways and Interstate Highways) and local jurisdictions provide the local match for off system roadways. The EDCP provides an opportunity for political subdivisions to adjust their

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local match requirements. The RGVMPO planning area is included within economically disadvantaged counties. Since political subdivisions within the EDCP can also participate in the program, the local match burden to these entities can be substantially reduced, allowing for more projects requiring scarce local funding. Projects identified in the 2015-2040 MTP can be evaluated as candidate projects for the EDCP.

Innovative Finance

The FAST Act restructured the MAP 21's credit and innovative finance programs and created the National Surface Transportation and Innovative Finance Bureau. This new office was created to help streamline and improve the application process for the Department's credit assistance programs. One such program, the Transportation Infrastructure Finance and Innovation Act (TIFIA) program leverages federal dollars by facilitating private participation in transportation projects and encouraging innovative financing mechanisms that help advance projects more quickly. While the FAST Act cuts funding to the TIFIA program and reduces the minimum project size for TIFIA, it provides funding to cover the loan evaluation costs typically borne by the borrower and provides flexibility to TxDOT to use Federal formula dollars to cover credit subsidy costs. The FAST Act also increased eligible projects under the Railroad Rehabilitation and Improvement Financing (RRIF) program. This program lends funds to entities that are building rail infrastructure. The FAST Act makes transit-oriented-development elements of passenger rail station projects eligible for RRIF. The FAST Act directs the above-mentioned Bureau to improve the application processes for Departmental credit programs through streamlined review and transparent approval processes, and to promote innovative financing best practices for Public Private Partnerships (PPP) across all modes and ensures that credit assistance provided to PPP projects is transparent to the public. The Bureau also helps coordinate the progress of environmental review and permitting processes to ensure consistency with USDOT goals. To improve project timelines, the FAST Act also requires the Bureau to coordinate efforts to improve efficiency and effectiveness of the environmental review and permitting processes.

Transit Funding Sources

Section 5307 Urbanized Area Formula Program

Section 5307, the Urbanized Area Formula program (49 U.S.C. 5307) makes federal funding available to urbanized areas for transit capital and operating assistance and for transit-related planning activities. Funding for the formula program is determined based on the level of transit service provision, population, and other factors.

Section 5311 (Formula Grants for Rural Areas)

This formula-based program (49 U.S.C. 5311) provides states and tribal governments with funding for administration, capital, planning, and operating assistance to support public transportation in rural areas, defined as areas with fewer than 50,000 residents. A percentage of funds in this program are set aside for the Intercity Bus Program, the Rural Transit Assistance Program (RTAP), Public Transportation on Indian Reservations, and the Appalachian Development Public Transportation Program.

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Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities)

The Enhanced Mobility program provides formula funding to assist in meeting the transportation needs of the elderly and persons with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs. The purpose of this program is to enhance mobility for seniors and persons with disabilities by providing funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and paratransit services.

Funds from the 5310 program can be used for both capital improvements and operating expenses. However, at least 55% of program funds must be used on capital projects that are public transportation projects planned, designed, and carried out to meet the special needs of seniors and individuals with disabilities when public transportation is insufficient, inappropriate, or unavailable. The remaining 45% of program funds may be used for:

- Public transportation projects that exceed the requirements of the Americans with Disabilities Act (ADA);
- Public transportation projects that improve access to fixed-route service and decrease reliance by individuals with disabilities on complementary paratransit; and
- Alternatives to public transportation that assist seniors and individuals with disabilities.

Funds are apportioned for urbanized and rural areas based on the number of seniors and individuals with disabilities. The federal share for capital projects (including acquisition of public transportation services) is 80%; the federal share for operating assistance is 50%.

Section 5337 (State of Good Repair Program)

The purpose of 49 U.S.C. 5337, a new grant program, is to maintain public transportation systems in a state of good repair. This program replaces the Fixed Guideway Modernization Program, Section 5309. Funding is limited to fixed guideway systems (including rail, bus, rapid transit, and passenger ferries) and high intensity bus (buses operating in high occupancy vehicle lanes). Projects are limited to replacement and rehabilitation or capital projects required to maintain public transportation systems in a state of good repair.

Section 5339 Alternatives Analysis Program (Bus and Bus Facilities)

The purpose of 49 U.S.C. 5339 is to assist in financing the evaluation of all reasonable modal and multimodal alternatives and general alignment options for identified transportation needs in a specific, broadly defined travel corridor. Funds may be used to assist state and local governmental authorities in conducting alternatives analyses when at least one of the alternatives is a new fixed guideway system or an extension to an existing fixed guideway system. The transportation planning process of alternatives analysis includes:

- An assessment of a wide range of public transportation or multimodal alternatives, which will address transportation problems within a corridor or subarea;

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- Provides ample information to enable the secretary to evaluate project justification and local financial commitment;
- Supports the selection of a locally preferred alternative; and
- Enables the local Metropolitan Planning Organization to adopt the locally preferred alternative as part of the long-range transportation plan.

Section 5309 (Capital Investment Grants)

The Capital Investment Grant (CIG) Section 5309 program is a discretionary grant program for funding major transit capital investments. This includes:

- heavy rail
- commuter rail
- light rail
- streetcars
- bus rapid transit

By law, projects seeking CIG funding must complete a series of steps over several years to be eligible for funding. New Starts and Core Capacity projects are required by law to complete the Project Development and Engineering phases in advance of receipt of a construction grant agreement. Small Starts projects are required by law to complete the Project Development phase in advance of receiving a construction grant agreement. By law FTA rates projects at various points in the process, evaluating project justification and local financial commitment according to statutory criteria. FTA provides policy guidance on the CIG process and the evaluation criteria on their website.

Applying Fiscal Constraint

The expenditures and revenues being utilized in this MTP are financially constrained by the Year of Expenditure (YOE), as set forth by FAST Act/MAP-21. The Year of Expenditure (YOE) and the associate inflated costs have been identified for all projects and the annual inflation rate used is four percent (4%). An exception to this is the consultant services that are employed by TxDOT, to perform the Preliminary Engineering (PE) work. These costs are not derived by use of the aforementioned percentage instead, these costs represent the actual contract cost negotiated with a particular consultant for a specific project.

MPO staff, in coordination with TxDOT Pharr District staff have compiled information and prepared a forecast of available revenues to fund future improvement projects. This includes a compilation of proposed transportation projects for inclusion in the Unified Transportation Plan (UTP). The development of this information helps inform a forecasted amount of likely available funding by category over the 25-year span of the plan. The MPO staff, in cooperation with TxDOT, have reviewed this forecast. MPO Technical Committee members in turn examined the financial assumptions used to build these funding forecasts. The MPO Policy Board members by consideration of the update of the MPO's MTP, also undertake an examination and endorsement of the working assumptions behind the MTP Financial Plan.

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For this MTP update, total project costs include several factors. Total project costs take into consideration the different components utilized in deriving the total project cost for a specific project. Preliminary engineering, right of way purchase, and in the case of transit projects, operating, planning, maintenance and capital all comprise possible components of the total project cost.

The following tables show fiscal constraint by summarizing total funding over the life of the plan in relation to total expected project costs in YOE dollars. For the purposes of this fiscal constraint, and because of the merger of the three MPOs, funding levels from prior MTPs have been used for these assumptions. The MPO staff and TxDOT Pharr District staff will work in close coordination to clarify adjusted funding assumptions by category for the newly combined RGVMPO. A full listing of projects by preexisting MPO, and associated costs are shown in Chapter 8.

Harlingen-San Benito MPO

For these costs to be properly estimated and suitably programmed, construction estimates from the HSB MPO listing of projects incorporated the following data. For Construction Engineering (CE) and Contingency costs, the following factors are utilized. Project cost ranges and associated CE and Contingencies are shown in Table 7-1.

Table 7-1: Project Costs; Associated CE & Contingencies

Cost Range	CE	Contingencies
Less than $1 M	9%	8%
$1 M to $5 M	6%	7%
$5 M to $25 M	5%	7%
+$25 M	5%	6%

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In calculating the Indirect Cost, a set rate of 4.97% of the estimated YOE construction cost will is used. The Right of Way (ROW) Costs are obtained from TxDOT's ROW section and/or Advance Funding Agreements (AFA). For the Preliminary Engineering (PE), costs are obtained from TxDOT's consultant management section. Please note that some of the Preliminary Engineering or ROW costs are subject to be incurred by the local municipalities, County, or state (TxDOT).

The 25-year revenue forecasts shown in Table 7-2 are derived from those total project costs established as reasonable and constrained under HSB MPO 2015-2040 MTP. Spending by category over the 2015-2040 25-year period was used to project an estimate for an additional 5 years (2041-2045) while accounting for termed and non-recurring funding sources. The 25-year YOE Total Project Costs shown in the table are equal to the aforementioned 25-year total of YOE project costs, less projects already completed (2015-2018).

Table 7-2: HSB MPO Fiscal Constraint

Funding Category	Revenue Forecast (25 yr.)	25 yr. YOE Total Project Costs
Category 1 Rehab & Maintenance	$134,456,872	$134,456,872
Category 2 Urban Corridors	$127,190,000	$115,157,905
Category 9 TAP	$4,188,902	$3,464,402
Category 11	$7,500,000	$21,486,890
CBI	$3,686,000	$3,686,000
Rider 45	$4,500,000	$4,500,000
Earmark	$0	
Local	$206,102,518	$206,102,518
Total	$487,624,292	$488,854,587

Hidalgo County MPO

The 25-year revenue forecasts shown in **Table 7-3** are derived from those total project costs established as reasonable and constrained under HC MPO 2015-2040 MTP. Spending by category over the 2015-2040 25-year period was used to project an estimate for an additional 5 years (2041-2045) while accounting for termed and non-recurring funding sources. The 25-year YOE Total Project Costs shown in the table are equal to the aforementioned 25-year project costs, less projects already completed (2015-2018).

Table 7-3: HC MPO Fiscal Constraint

Funding Category	Revenue Forecast (25 yr.)	25 yr. YOE Total Project Costs
Category 1 Rehab & Maintenance	$9,870,000	$9,870,000
Category 2 Urban Corridors	$356,639,177	$356,639,177
Category 3 Non-Traditional	$0	*
Category 4 Statewide Connectivity	$248,390,001	$248,390,001
Category 7 Urban Mobility	$392,222,825	$392,022,825
Category 8 Safety		*
Category 9 TAP	$5,180,001	$5,180,001
Category 11	$44,834,374	$44,834,374
Category 12	$346,450,835	$339,950,835
CBI	$18,326,958	$18,326,958
Earmark	$8,092,113	$5,334,613
Other Funds (Local, bonds)	$1,482,964,935	$1,464,254,899
Trends	$267,800,212	$267,800,212
Total	$3,180,771,432	$3,152,603,895

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Brownsville MPO

Project cost estimates have been developed for each individual Brownsville MPO MTP project. For those improvement projects listed in the Brownsville MPO's Transportation Improvement Program (TIP), the existing cost information from the TIP has been utilized on the MTP spreadsheet. Cost estimates for most projects are based on the length of the roadway and type of proposed cross-section or roadway width. Construction costs for typical cross-sections were calculated as follows:

- Urban section/2 lanes with turn (middle) lane - $2,000,000/mile
- 64 ft. curb and gutter/4 lanes-CLTT/Continuous left-turn lane) - $4,900,000/mile
- 68 ft. rural section/4 lanes, undivided - $1,800,000/mile
- 101 ft. curb and gutter/6 lanes with median and shoulders - $6,200,000/mile

These estimated costs (above) include drainage, subgrade, flex-base, the pavement itself, as well as sidewalk construction and concrete curb and gutter. **Table 7-4** shows a comparison of revenue forecasts by category over the 25-year period developed in coordination with the TxDOT Pharr District.

Table 7-4: Brownsville MPO Fiscal Constraint

Funding Category	Revenue Forecast (25 yr.)	25 yr. YOE Total Project Costs
Category 1 Rehab & Maintenance	$172,760,000	TBD
Category 2 Urban Corridors	$ 253,998,000	$253,451,800
Category 3 Non-Traditional	$ 5,000,000	TBD *
Category 4 Rural Connectivity	$ 50,000,000	TBD *
Category 7 Urban Mobility	$ 154,320,000	$149,404,918
Category 8 Safety	$ 6,883,000	TBD
Category 9 TAP	$ 9,980,000	$2,365,886
Category 10 CBI	$12,713,515	$12,713,515
Rider 11B	$ 10,000,000	TBD
Category 12	$ 114,000,000	TBD *
Other Funds (Local, bonds)	$56,012,014	$58,000,000
Total	**$786,398,000**	$476,572,248

* NOTE: Discretionary funds (e.g. Category 3, Category 12 and other) are awarded for specific projects.

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Chapter 8

Staged Improvement Plan

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STAGED IMPROVEMENT PLAN

This section includes tables that illustrate the program of projects in the RGVMPO 2045 MTP. The fiscally constrained projects have been grouped into four periods/stages in table format based on the existing MPOs found in the Rio Grande Valley. The Implementation stage coincides with projects in the Transportation Improvement Program (TIP) and the Short-Term stage includes projects occurring within the Unified Transportation Program (UTP):

- 2019-2022 (Implementation)
- 2023-2029 (Short-Term)
- 2030-2039 (Medium-Term)
- 2040-2045 (Long-Term)

In addition to fiscally constrained project lists, this chapter includes a breakdown of locally funded, unfunded, lump sum, or illustrative projects when applicable. For full RGVMPO project descriptions and listings, please see **Appendix X**.

Harlingen-San Benito MPO

The following tables (**Table 8-1** through **Table 8-6**) list the four project periods/stages, as well as illustrative/unfunded projects for the HSB MPO planning area. Lump sum projects, or projects that occur over various project stages, are listed separately.

Table 8-1: Harlingen-San Benito MPO Implementation Stage Projects (2019-2022)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 506 (For Illustrative Purposes)	Widen to Add Continuous Left Turn Lane	Cooper Ln	Dodd Ln	--	2019	--	PHR-HSB-114
Spur 54 Reconstruction	Widen to 6 Lanes with a Raised Median	IH 2 to IH 69E	IH 69E SB Frontage Rd	$8,732,650	2019	--	PHR-HSB-112
BU 77 (For Illustrative Purposes)	Construction of ADA Compliant Sidewalks	Loop 499	Treasure Hills Blvd	$747,039	2019	--	PHR-HSB-129
Expressway 77/83 (For Illustrative Purposes)	Construction of ADA Compliant Sidewalks	Wilson Rd	Whalen Rd	$1,119,446	2019	--	PHR-HSB-130

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Loop 499	Construction of 1.2 mi of ADA-accessible 5 to 6-foot wide sidewalk	Rio Hondo Rd	FM 106 (Harrison Ave)	$519,019	2020	--	PHR-HSB-127
Stuart Place Rd	Construction of 1.2 mi of ADA-accessible 5 to 6-foot wide sidewalk	On Stuart Place Rd, from 0.18 Mi N of Primera Rd	FM 2994 / Wilson Rd	$578,412	2020	--	PHR-HSB-128
FM 509 Ext	New Location - 2 Lane Rural Roadway	FM 508	FM 1599	$11,046,883	2021	--	PHR-HSB-024
IH 69E/US 77 Ramp Reversals	NB and SB Ramp Reversals	Industrial Blvd	Loop 499/Primera Rd	$3,281,300	2021	--	PHR-HSB-115
SH 107	Reconstruct to 4 Lanes C&G and add ADA sidewalk	Louisiana St	Hooks E Hodges Rd	$12,115,414	2021	--	PHR-HSB-118
South Parallel Corridor (Phase II)	New Location - 2 Lane Rural Roadway	On S Parallel Corridor, FM 509	FM 2520	$10,574,579	2021	--	PHR-HSB-133
BUS 77-X - Widen Non-Freeway	Construct Raised Median	FM 507	Commerce St	$5,101,566	2022	--	PHR-HSB-135
BUS 77-X - Widen Non-Freeway	Construct Raised Median	Commerce St	Arroyo Bridge	$708,434	2022	--	PHR-HSB-136
SL 499 - Widen Non-Freeway	Construct Raised Median	IH 69E	BUS 77X	$2,000,000	2022	--	--
SL 499 - Widen Non-Freeway	Construct 6 Lane with Raised Median	BUS 77X	SS 206	$15,000,000	2022	--	PHR-HSB-137

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Table 8-2: Harlingen-San Benito MPO Short-Term Stage Projects (2023-2029)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
South Parallel Corridor (Phase III)	New Location - 2 Lane Rural Roadway	FM 2520	FM 1577	$654,225	2023	--	PHR-HSB-110
BUS 77	Proposed 6 Lane with A Raised Median	FM 509	Arroyo Colorado Bridge	$34,971,300	2023	--	PHR-HSB-122

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Outer Parkway (PE)	New Location - Controlled Access 4 Lane Toll Facility	IH 69E	FM 106/General Brandt Rd	$3,330,600	2024	--	PHR-HSB-126
Outer Parkway	New Location - Controlled Access 4 Lane Toll Facility	IH 69E	FM 106/General Brandt Rd	$171,644,850	2024	--	PHR-HSB-126
IH 69E/US 77/83 Northbound	Proposed Continuous Frontage Roads and Intersection Improvements	At FM 732	--	$21,184,995	2024	--	PHR-HSB-123
US 281	Widen To 4 Lane Rural	FM 732	FM 1577	$11,895,000	2028	--	PHR-HSB-134

Table 8-3: Harlingen-San Benito MPO Medium-Term Stage Projects (2030-2040)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 1925	New Location - 4 Lane Roadway	IH 69E	Cameron/ Hidalgo County Line	$41,632,500	2030	--	PHR-HSB-124
US 77/83 South Parallel Corridor (Ultimate)	Widen to 4 Lanes	FM 1479	FM 1577	$36,790,733	2040	--	PHR-HSB-081

Table 8-4: Harlingen-San Benito MPO Long-Term Stage Projects (20401-2045)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
T Street - Streetscape	Reconstruct Roadway, ADA Sidewalks and Curb Cuts, Street Lights, Striping,	IH 69E Frontage Rd	W Jefferson Ave	--	2041-45	--	--

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
	Landscaping, Signage						
Harlingen Railroad Improvements	Extend track between Jefferson Ave and Adams Ave, create new connection to the west, Eliminate Rail Yard and 8 Street/Rail Crossings	Commerce @ 0.25 mi N of W Jackson Ave	BUS 77	--	2041-45	--	--
Garrett Rd	ROW Acquisition, Widen, Drainage Improvements, Reconstruct to Urban Standards, Add Shoulders, Add ADA sidewalks; Add Street Lights	Altas Palmas Rd	Dixieland Rd	--	2041-45	--	--
Calle Paloma	ROW Acquisition, Add Shoulders, Add ADA Sidewalks, Drainage Improvements, Street Lights	FM 732	Calle Rancho Grande W	--	2041-45	--	--

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Table 8-5: Harlingen-San Benito MPO Lump Sum (Grouped) Projects

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Lump Sum (Grouped Projects)	Rehabilitation and Preventive Maintenance, seal coats, overlays.	Various	Various	$134,456,872	--	--	PHR-HSB-95
Lump Sum	Safety Improvements, Intersection Improvements, and RR Crossing Improvements.	Various	Various	Lump Sum	--	--	PHR-HSB-090

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Lump Sum	Transportation Enhancements	Various	Various	Lump Sum	--	--	PHR-HSB-093
Lump Sum	Transportation Enhancements	Various	Various	Lump Sum	--	--	PHR-HSB-091
Lump Sum	Operational Improvements	Various	Various	Lump Sum	--	--	PHR-HSB-003
US 77	Safety and Connectivity Improvements	Various	Within HSBMPO Planning Area	Lump Sum	--	--	PHR-HSB-100c

Table 8-6: Harlingen-San Benito MPO Unfunded Needs Projects

Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
East-West Parallel Corridor (Jefferson Ave)	Add Lanes and Signalized Intersections	IH 69E Frontage Rd	Loop 499	$20,000,000	Harlingen	20
Commerce St	Add Lanes	BU 77	BU 77	$18,000,000	Harlingen	14
East-West Parallel Corridor (Garrett Rd)	Add Lanes and Signalized Intersections	IH 69E Frontage Rd	BU 83	$28,500,000	Harlingen	21
Matz / New Combes	Add Lanes (Local Road)	Loop 499	BU 77	$8,700,000	Harlingen	17
Tamm Ln	Highway; widen road, improve drainage, add turn and deceleration lanes, add shoulders, add ADA sidewalks	SH 107	IH 2 Frontage Rd	$14,961,000	Cameron County	9
Calle Rancho Grande E	Highway; add shoulders, add ADA sidewalks, improve drainage, add streetlights	US 281	Calle Rancho Grande N	$6,054,000	Cameron County	3
Calle Rancho Grande W	Highway; add shoulders, add ADA sidewalks, improve drainage, add streetlights	US 281	Calle Rancho Grande N	$5,608,000	Cameron County	4

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Primera Rd	Intersection Improvements	Stuart Place Rd	IH 69E Frontage Rd	$8,000	Primera	23
Dilworth Rd	Highway; widen road, improve drainage, add shoulders, add ADA sidewalks	FM 2994 / Wilson Rd	IH 2 Frontage Rd	$1,500,000	Cameron County	6
Ed Carey Dr / Loop 499	Highway; add 2nd right turn lane	499 @ IH 69E Frontage Rd	--	$1,750,000	Harlingen	15
Joines Rd	Road Reconstruction	City Limits	FM 732	$492,822	San Benito	26
Grimes Rd	Highway; development of 4 lane road on new location	FM 509	FM 106	$12,789,000	CCRMA	13
Blum Ln	Highway; widen road, add shoulders, add ADA sidewalks, improve drainage, reconstruct	FM 800	S Tamm Ln	$2,201,000	Cameron County	1
Wilcox Rd	Highway; widen road, improve drainage, add shoulders, add ADA sidewalks	SH 107	Primera Rd	$6,780,000	Cameron County	10
New Combes Highway	Highway; widen road, improve drainage, add shoulders, add ADA sidewalks	FM 508	Loop 499	$6,289,000	Cameron County	8
Yost Rd	Road Reconstruction	Sam Houston	FM 1577 (Sherer)	$3,285,482	San Benito	32
IH 69E Frontage Road	Road Reconstruction/Turn around Lane	Primera Rd @ IH 69E Frontage Rd	--	$4,110,000	Primera	24
Ratliff Dr	Road Reconstruction	Turner Rd	US 77	$821,370	San Benito	28
Turner Rd	Road Reconstruction	Oscar Williams Rd	Sam Houston Blvd	$2,464,111	San Benito	29
Whalen Rd	Road Reconstruction	Expressway 77	BU 77	$1,642,741	San Benito	31
New Hampshire St	Add Lanes (Collector)	IH 69E Frontage	BU 77	$5,800,000	Harlingen	16
Line 17 Rd	Road Reconstruction	McCullough Rd	FM 510	$1,642,741	McCullough	27
Robertson St Improvements	Reconstruction	Southern Limit of TxDOT Roadway	Southern Limit of Intersection of Robertson and 6th	$375,000	Los Indios	22
Grimes Rd	Add Lanes (Collector)	FM 509	FM 106	$12,789,000	Harlingen	19
Pennsylvania Ave	Road Reconstruction	Thompson Rd	FM 1577	$821,370	San Benito	30

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Hale Dr	Add Lanes (Local Road)	Victoria Ln	FM 509	$3,840,000	Harlingen	18
Pennsylvania Ave	Road Reconstruction	Thompson Rd	FM 1577	$821,370	San Benito	25
Grimes Rd	Align with CCRMA project, widen road, improve drainage, add shoulders, new roadway with 4 Lanes	FM 509	FM 106	$12,789,000	Cameron County	11
Clark Rd	Highway; widen road, improve drainage, add shoulders	Mile 3 E	FM 506	$8,820,000	Cameron County	5

Hidalgo County MPO

The following tables (**Table 8-7** through **Table 8-10**) list the three project periods/stages, as well as illustrative/unfunded projects for the HC MPO planning area. It must be noted that HC MPO opted to keep the priority rankings and order of projects listed in the 2040 MTP. HC MPO elected to postpone development of additional projects for the Long-Term Stage of this plan, with the understanding that a new MTP would follow the merger of the RGVMPO.

Table 8-7: Hidalgo County MPO Implementation Stage Projects (2019-2022)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Owassa Rd - ROW	Construct a 4 Lane Urban Roadway	I Rd	Cesar Chavez Rd	$800,000	2019	County 2 - 4	HC-335r
CS - Nolana - PE	Widen and Reconstruct to 4 Lanes Divided Urban	FM 907	FM 88	$21,555,778	2019	County 1-2 / San Juan	HC-152
CS - Veterans Blvd (Future SH 495) - ROW	4 Lanes Divided Urban	IH 2/US 83	SH 364 (La Homa Rd)	$16,856,420	2019	Palmview / County 3	HC-50r
FM 676 (Mile 5 N) - ROW	ROW Acquisition services	SH 107 (Conway)	Taylor Rd	$13,220,806	2019	Alton / County 3	HC-117r
Liberty Blvd (Phase I) - ROW	Widen to 4 Lanes with Dedicated Left Turn Lane	Mile 3 Rd	US 83	$12,526,330	2019	Penitas	HC-284ar
Taylor Rd - ROW	Widen 4 Lanes with Left Turn Lane	BU 83	IH 2 (US 83)	$7,277,407	2019	Mission / McAllen	HC-256r
CS - Taylor Rd - ROW	4 Lanes Divided Urban	On Taylor Rd @Mile 2 N	BU 83	$10,385,439	2019	Mission / McAllen	HC-257r

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 1926 (23rd St)	Addition of North and South Bound Center Turn Lanes	FM 1926 (23rd St) & Hackberry Ave	--	$115,306	2019	McAllen	HC-310
FM 1926 (23rd St)	Addition of North and South Bound Center Turn Lanes	SH 1926 (23rd St) & Kendlewood Ave	--	$125,114	2019	McAllen	HC-311
SH 336	Addition of North Bound Right Turn Lane	Intersection US BU 83	135ft S Intersection US BU 83	$120,743	2019	McAllen	HC-312
FM 1926 (23rd St)	Addition of East, North and South bound center turn lanes	FM 1926 (23rd St) & Ebony Ave	--	$183,567	2019	McAllen	HC-313
FM 1926 (23rd St)	Addition of North and South bound center turn lanes	FM 1926 (23rd St) & Jackson Ave	--	$165,248	2019	McAllen	HC-314
Bicentennial Blvd (Hoehn Rd)	Construct New 4 Lane Urban Roadway	SH 107	Trenton Rd	$18,767,298	2019	McAllen	HC-91
Signal improvements	Traffic signal hardware improvements	Within Hidalgo County	--	$1,256,000	2019	Various	HC-363
N Alamo Rd Extension	New location 2 Lane rural roadway	FM 1925	0.54mi N FM 1925	$1,083,018	2019	County 4	HC-289
Dicker Rd - PE	Widen to 4 Lane with continuous left turn	Spur 115 (23rd St)	FM 2061 (Jackson Rd)	$20,813,075	2019	County 2 / McAllen	HC-291
Dicker Rd	Widen to 4 Lane with continuous left turn	Spur 115 (23rd St)	FM 2061 (Jackson Rd)	$20,813,075	2019	County 2 / McAllen	HC-291
Liberty Blvd (Phase II) - PE	Construct 2 Lanes with shoulders	Mile 3 Rd	FM 2221	$13,337,955	2019	County 3	HC-284b
Liberty Blvd (Phase II) - ROW	Construct 2 Lanes with shoulders	Mile 3 Rd	FM 2221	$13,337,955	2019	County 3	HC-284br
Eldora Rd - PE	Divided Urban Section	FM 3362 (Jackson Rd)	Veterans Blvd (I Rd)	$16,672,565	2019	Pharr / County 2	HC-322
Eldora Rd - ROW	Divided Urban Section	FM 3362 (Jackson Rd)	Veterans Blvd (I Rd)	$16,672,565	2019	Pharr/San Juan/County 2	HC-322r
365 Tollway	A toll improvement being a 4 Lane controlled access facility	FM 396 (Anzalduas Highway)	US 281 Military Highway	$245,073,954	2019	HCRMA	RMA-1aa
Pharr Comprehensive Pedestrian Safety Wellness Plan - TAP	Planning study for new construction pedestrian safety improvements	City limits	City limits	$254,000	2019	Pharr	HC-357

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
SH 107	Construct 6 Lane divided rural	US 281	FM 493 (La Blanca)	$16,092,588	2019	Edinburg / County 4	HC-227
Vision Zero Planning Study- TAP	Vision Zero Planning Study	City limits	City limits	$150,000	2019	McAllen	HC-356
Pharr Int'l Bridge Northbound lanes	Construction additional NB Lane and related canopies and booths into the Pharr POE inspection area	@ Pharr Int'l Bridge	--	$3,272,871	2019	Pharr	HC-354
Pharr Int'l Bridge 2nd BSIF Exit	Construction of additional exit lane and related canopies and booths out of Pharr POE BSIF	@ Pharr Int'l Bridge	--	$3,289,393	2019	Pharr	HC-355
Donna Int'l Bridge Commercial Approach - ROW	Construct 4 Lane controlled access tolled facility	Donna BSIF	Future IBTC / FM 493 intersection	$55,121,636	2019	Donna	HC-275r
Mile 1 East - PE	Reconstruct & widen to Urban 2 Lanes & shoulders	BU 83	Mile 8 North	$12,240,270	2019	Mercedes	HC-269
SH 68 - ROW	Construct new 4 Lane divided rural highway facility	US 83	FM 1925	$163,864,626	2019	TxDOT	HC-295b
Mile 3 N (Phase I) - PE	Widen to 4 Lane Divided - Curb & Gutter Section	Tom Gill Road	FM 492 (Goodwin Rd)	$18,353,281	2019	County 3	HC-286a
Mile 3 N (Phase II) - PE	New location 2 Lane rural roadway	Tom Gill Rd	FM 2221	$7,892,849	2019	County 3	HC-286b
CS - Cesar Chavez - PE	Widen to 4 Lanes	BU 83	Ridge	$8,482,172	2019	San Juan / Alamo / County 1-2	HC-344
CS - Cesar Chávez Rd - PE	Widen to 4 Lanes	BU 83	Nolana Loop	$28,358,177	2019	San Juan / Alamo / County 1-2	HC-326
FM 676 - PE	Widen to 4 Lane Divided	Taylor Rd	FM 2220	$6,950,870	2019	McAllen / County 3	HC-144
Sharp Road Realignment - PE	Road Realignment 2 Lane rural roadway	FM 1925	0.46mi North	$2,102,947	2019	County / 4	HC-12ab
Mile 10 North - PE	Widen to 4 Lanes - Urban	Westgate (Mile 6 W)	FM 1015	$18,675,784	2019	Weslaco / County 1	HC-264
CS - Inspiration Rd/ Military Pkwy Loop - PE	Widen to 4 Lane Divided	IH 2	FM 1016	$27,624,057	2019	Mission / County 3	HC-341
CS - Nolana Loop (S1) - ROW	Widen to 4 Lane Divided	FM 1426 (Raul Longoria)	FM 907	$17,112,526	2019	County 2 / McAllen	HC-152ar

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
US 83 La Joya Relief Route	Construct controlled access facility	FM 2221 (Jara Chinas)	0.28mi W Showers Rd	$154,651,000	2019	TxDOT	HC-293
IH 2 / IH 69C Interchange	Construct Interchange	IH 2	1.82mi N IH 2	$74,408,144	2019	Pharr	HC-366
IH 2 / IH 69C Interchange	Interchange improvements	FM 2557 (Stewart Rd)	2nd St	$241,951,404	2019	Pharr	HC-362
PSJA Tri-City Pedestrian Safety Improvements-TAP	New construction pedestrian safety improvements	City of Pharr	City of Alamo	$2,286,000	2019	Alamo / San Juan / Pharr	HC-358
Elsa Community Trail Park - TAP	Construction of multiuse trails	W Hidalgo St	Mile 4 Rd @ EEISD High School	$1,235,300	2019	Elsa	HC-367
RGV Bicycle BikeShare - TAP	RGV B-Cycle for regional health and wellness thru bikeshare program	Within Hidalgo County	Within Hidalgo County	$544,000	2019	Valley Metro	HC-368
Hidalgo County Active Mobility Plan - TAP	Mobility Plan to identify gaps in current bicycle/pedestrian plans	Within Hidalgo County	Within Hidalgo County	$330,000	2019	Valley Metro	HC-369
Pharr Bridge Dock Expansion Phase I	Dock Expansion Phase I	@ Pharr Int'l Bridge	--	$6,490,000	2019	Pharr	HC-372
Pharr Bridge Dock Expansion Phase II	Dock Expansion Phase II	@ Pharr Int'l Bridge	--	$13,610,000	2019	Pharr	HC-373
Pharr Bridge Commercial Staging Site	Pharr Commercial Vehicle Staging Area	@ Pharr Int'l Bridge	--	$8,850,000	2019	Pharr	HC-374
FM 1015 - PE	Widen to 4 Lane Divided 1228-03-900	Mile 12 N Rd	SH 107	$12,952,950	2019	Edcouch / County 1	HC-2
CS - Cesar Chavez Rd - ROW	Widen to 4 Lanes	BUS 83	Nolana Loop	$28,358,177	2020	San Juan / Alamo / County 1-2	HC-326r
CS - Cesar Chavez - ROW	Widen to 4 Lanes	BUS 83	Ridge	$8,482,172	2020	San Juan / Alamo / County 1-2	HC-344r
Taylor Rd	Widen 4 Lanes with left turn lane	BUS 83	IH 2 (US 83)	$7,277,407	2020	Mission / McAllen	HC-256
FM 676 (Mile 5 N)	Widen to 4 Lane Divided	SH 364 (La Homa Rd)	SH 107 (Conway)	$18,343,987	2020	Alton / County 3	HC-117b
SH 68	Construct new 4 Lane divided rural highway facility	US 83	FM 1925	$163,864,626	2020	TxDOT	HC-295c

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
International Bridge Trade Corridor (IBTC) - ROW	4 Lane divided - at grade - non toll facility	365 Tollway at FM 493	IH 2	$121,936,327	2020	HCRMA	RMA-3
BUS 281 / SH 107	Operational Improvements and Rehabilitation	BUS 281-W	IH 69C (US 281)	$24,487,012	2020	County 4	HC-337
Jackson Hike Bike Phase II - TAP	Jackson Rd Hike & Bike Project Phase II	Bicentennial H/B & Wisconsin (McAllen)	Canton Rd & Jackson Rd (Edinburg)	$3,123,775	2020	McAllen / Edinburg	HC-370
Mile 3 N (Phase I)	Widen to 4 Lane Divided - Curb & Gutter Section	Tom Gill Rd	FM 492 (Goodwin Rd)	$18,353,281	2021	County 3	HC-286a
Mile 10 North - ROW	Widen to 4 Lanes - Urban	Westgate (Mile 6 W)	FM 1015	$18,675,784	2021	Weslaco / County 1	HC-264r
CS - Inspiration Rd/ Military Pkwy Loop - ROW	Widen to 4 Lane Divided	IH 2	FM 1016	$27,624,057	2021	Mission / McAllen / Hidalgo	HC-341r
Cano Hike & Bike Trail Lighting Project - TAP	Installation of solar powered lighting along the Cano walking trail	Cano St	Freddy Gonzalez	$534,400	2021	Edinburg	HC-359
Donna Sidewalk Project - TAP	Rehabilitation of deteriorated sidewalks and construction of new sidewalks	S International Blvd	--	$340,741	2021	Donna	HC-360
Mile 6 W Rd	Widen to 4 Lane	Mile 9 N	Mile 11 N	$16,726,293	2021	Weslaco / County 1	HC-148ba
Anzalduas Int'l Port of Entry (NB)	Inbound commercial inspection pre-primary inspection pre-cleared cargo traffic	Anzalduas Land Port of Entry NB Empties	--	$5,375,413	2021	Analduas Int'l Bridge Board	HC-352
Donna Int'l Bridge	Construction commercial facilities NB loaded/empty & SB loaded trucks	@ Donna Int'l Bridge	--	$43,398,084	2021	Donna	HC-361
FM 494	Widen to 4 Lane	FM 1924 (Mile 3)	FM 676 (Mile 5)	$11,485,000	2021	County 3	HC-292b
CS - Taylor Rd	4 Lanes divided urban	On Taylor Rd @Mile 2 N	BU 83	$10,385,439	2022	Mission / McAllen / County 3	HC-257
Mile 6 W Rd - ROW	Widen to 4 Lane	SH 107	Mile 11 N	$42,571,802	2022	County 1	HC-148bbr
Liberty Blvd (Phase I)	Widen to 4 Lanes with dedicated left turn lane	Mile 3 Rd	US 83	$12,526,330	2022	Penitas	HC-284a
FM 494	Widen to 4 Lane	SH 107	FM 676 (Mile 5)	$12,543,905	2022	County 3	HC-292a

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 1925	Widen to 6 Lane with raised median	10th St	McColl Rd	$10,320,240	2022	Edinburg / County 4	HC-290
FM 2220 (Ware Rd)	6 Lanes Divided Urban Section	FM 1925 (Monte Cristo)	SH 107	$23,196,830	2022	McAllen / County 3-4	HC-20
CS - Veterans Blvd (Future SH 495)	4 Lanes divided urban	IH 2/US 83	SH 364 (La Homa Rd)	$16,856,420	2022	Palmview / County 3	HC-50
FM 1925	6 Lane with raised median	Wallace	10th St	$27,420,000	2022	County 4	HC-338
FM 1925	Widen to 4 Lane Divided	FM 88 E	FM 491 (Mile 1 W)	$24,369,700	2022	HCRMA	HC-13
FM 676 (Mile 5 N)	Widen to 4 Lane Divided	SH 107 (Conway)	Taylor Rd	$13,220,806	2022	Alton / County 3	HC-117c
FM 1925	Widen to 4 Lane Divided	FM 907 (Alamo Rd)	Sharp Rd	$13,119,543	2022	County 4	HC-12aa
SH 107 (Conway)	Construct 6 Lane divided urban	FM 676	SH 107	$18,315,000	2022	Alton / County 3	HC-343
SH 107 (Conway)	Construct 6 Lane Divided Rural	FM 676 (Mile 5 N)	FM 1924 (Mile 3 N)	$11,856,100	2022	Palmhurst / Alton / County 3	HC-224
SH 107 (Conway)	Construct 6 Lane w Raised Median	FM 1924 (Mile 3 N)	SH 495	$22,370,000	2022	Mission / Palmhurst/ County 3	HC-383
Anzalduas Int'l Port of Entry	Construction of Southbound Inspection Station	Anzalduas Int'l Port of Entry	--	$8,877,482	2022	Analduas Int'l Bridge Board	HC-277
PSJA TriCity Ped Improv Ph II - TAP	New construction of pedestrian safety improvements	City Pharr	City Alamo	$2,196,840	2022	Pharr / San Juan / Alamo	HC-371
CS - Hi Line East	Widen to 2 Lane with continuous left turn lane	Cage	Veterans	$5,466,774	2022	Pharr	HC-336
CS - Dove Ave	Construct 4 Lane urban roadway	41st St	Bentsen	$1,721,580	2022	McAllen	HC-315
US 281	Rural Expressway Facility	0.273 mi S SH 186	0.023 mi N FM 490	$93,549,000	2022	County 4	HC-384

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Table 8-8: Hidalgo County MPO Short-Term Stage Projects (2023-2029)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 676	Widen to 4 Lane Divided	Taylor Rd	FM 2220	$6,950,870	2023	McAllen / County 3	HC-144
Anaya Rd	Widen to 5 Lanes	Cage	Veterans	$7,111,980	2023	Pharr	HC-340
CS - Hi Line West	Widen to 2 Lane with continuous left turn lane	Cage	Jackson Rd	$7,035,200	2023	Pharr	HC-339

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Sharp Road Realignment	Road Realignment 2 Lane rural roadway	FM 1925	0.46mi North	$2,056,496	2023	County / 4	HC-12ab
FM 1426 (Raul Longoria)	Proposed 6 Lanes raised median	IH 2 / US 83	Nolana	$19,536,000	2023	San Juan / County 2	HC-345
International Bridge Trade Corridor (IBTC) - Phase I	4 Lane Divided - at Grade - Non-Toll Facility	365 Tollway at FM 493	IH 2	$121,936,327	2023	HCRMA	RMA-3
Owassa Rd	Widen to 4 Lane	US 281	I Rd	$6,517,000	2024	Pharr / San Juan / County 2 - 4	HC-156a
SH 364 (La Homa)	Widen to 5 Lane Curb and Gutter	FM 2221	FM 676	$7,279,400	2024	County 3	HC-182ab
FM 2220 (Ware Rd)	Proposed 6 Lane Median	SH 107	Mile 5 N (Auburn Ave)	$25,207,670	2024	McAllen / County 3-4	HC-19a
Mile 3 N (Phase II)	New Location 2 Lane Rural Roadway	Tom Gill Rd	FM 2221	$7,892,849	2025	County 3	HC-286b
Mile 1 East	Reconstruct & Widen to Urban 2 Lanes & Shoulders	BU 83	Mile 8 North	$12,240,270	2025	Mercedes	HC-269
Nolana Loop (S1)	Widen to 4 Lane Divided	FM 1426 (Raul Longoria)	FM 907	$17,112,526	2025	County 2 / McAllen	HC-152a
FM 493 (La Blanca)	Widen to 4 Lane Divided	Mile 10 N Rd	Mile 14 N Rd	$11,212,180	2025	County 1-4	HC-34a
FM 1015	Widen to 4 Lane Divided 1228-03-900	Mile 12 N Rd	SH 107	$12,952,950	2025	Edcouch / County 1	HC-2
Freddy Gonzalez - ROW	Widen to 5 Lane with Traffic Street Improvements	SH 336 (10th St)	FM 2061 (McColl Rd)	$7,954,870	2026	Edinburg	HC-120
Mon Mack Road - ROW	4 Lane Urban Section	Sprague	SH 107	$4,896,325	2026	Edinburg	HC-353
Trenton Rd - ROW	Construct 4 Lane	US 281	FM 1426 (Raul Longoria)	$10,271,347	2026	Edinburg / County 4	HC-177a
I Rd	Construct 2 Lane w/ Shoulders	Rancho Blanco	Military Hwy	$14,283,973	2026	Pharr/San Juan/County 2	HC-127
FM 1925	Proposed 4 lanes curb and gutter	FM 681	Wallace Rd	$29,304,001	2026	County 3	HC-348
SH 107	--	FM 681	FM 2220	$18,315,000	2026	County 3	HC-349

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 681	Widen to 6 Lane with raised median	FM 2221	SH 107 (Conway)	$8,388,750	2026	County 3	HC-385
Cesar Chavez	--	BU 83	Ridge	$8,482,172	2027	San Juan / Alamo / County 1-2	HC-344
Cesar Chavez Rd	Divided Urban Section	BU 83	Nolana Loop	$28,358,177	2027	San Juan / Alamo / County 1-2	HC-326
Inspiration Rd/ Military Pkwy Loop	Widen to 4 Lane Divided	IH 2	FM 1016	$27,624,057	2027	Mission / McAllen / Hidalgo	HC-341
Liberty Blvd (Phase II)	Construct 2 Lanes with shoulders	Mile 3 Rd	FM 2221	$13,337,965	2028	County 3	HC-284b
Eldora Rd	Divided Urban Section	FM 3362 (Jackson Rd)	Veterans Blvd (I Rd)	$16,672,565	2028	Pharr / San Juan / County 2	HC-322
Mile 10 North	Widen to 4 Lanes - Urban	Westgate (Mile 6 W)	FM 1015	$18,675,784	2029	Weslaco / County 1	HC-264
Nolana Loop (S 2-4) - ROW	Widen to 4 Lane Divided	FM 907	FM 88	$19,899,935	2029	County 1-2	HC-152r
Mile 6 W Rd	Widen to 4 Lane	SH 107	Mile 14 1/2 N	$14,894,295	2029	County 1	HC-148bba
Nolana Loop	Widen to 6 Lane	FM 2220 (Ware Rd)	FM 1926 (23rd St)	$5,201,580	2029	McAllen	HC-155a

Table 8-9: Hidalgo County MPO Medium-Term Stage Projects (2030-2040)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
E Yuma Ave	Widen to 4 Lane Urban with siphon	Jackson Rd	McColl Rd	$2,573,019	2030	McAllen	HC-248
Freddy Gonzalez	Widen to 5 Lane with traffic street improvements	SH 336 (10th St)	FM 2061 (McColl Rd)	$7,954,870	2030	Edinburg	HC-120
Mon Mack Road	4 Lane urban section	Sprague	SH 107	$4,896,325	2030	Edinburg	HC-353
Trenton Rd	Construct 4 Lane	US 281	FM 1426 (Raul Longoria)	$10,271,347	2030	Edinburg / County 4	HC-177a
Sprague Ave	Widen to 4 Lane	Sugar Rd	SH 336 (N 10th St)	$7,869,914	2030	Edinburg	HC-170
Nolana Loop (S2)	Widen to 4 Lane Divided	FM 907	FM 1423	$5,256,452	2030	County 1-2	HC-152b
Nolana Loop (S3)	Widen to 4 Lane Divided	FM 1423	FM 493	$6,835,940	2030	County 1	HC-152c
Nolana Loop (S4)	Widen to 4 Lane Divided	FM 493	FM 88	$5,477,822	2030	County 1	HC-152d

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
SH 336 (10th St)	Widen to 6 Lanes	Trenton Rd	SH 107	$13,106,441	2030	Edinburg / McAllen	HC-249b
Mile 4 1/2 W Rd	Widen to 4 Lane Divided	US 83	Mile 9 N Rd	$3,214,584	2030	Weslaco	HC-244
Trenton Rd	Widen 6 Lanes divided with landscaped median	FM 1926 (23rd St)	SH 336 (10th St)	$4,503,920	2030	McAllen	HC-253
FM 3461 (Nolana)	Widen to 6 Lanes	FM 2061 (McColl Rd)	US 281	$13,034,526	2030	McAllen / Pharr	HC-113
US 83	Widen to 6 Lanes	0.5 Mi E of BU 83	FM 1427 (Abram)	$7,033,250	2030	TxDOT	HC-178b
Hutto Rd	Widen to 4 Lane	US 83	BU 83	$2,812,761	2030	Donna	HC-125
FM 495	Widen to 6 Lane divided	2nd St (McAllen)	US 281	$17,078,298	2030	McAllen / Pharr	HC-62a
FM 493 (La Blanca)	Widen to 4 Lane Divided	Mile 14 N Rd	SH 107	$11,991,764	2030	County 1-4	HC-34b
6th St (Weslaco)	Widen to 4 Lane	Westgate Drive	BU 83	$9,241,928	2030	Weslaco	HC-83
SH 68 - Phase II	Divided Rural Highway	FM 1925	IH 69C / US 281	$148,292,151	2030	TxDOT	HC-327
SH 68 - Phase III	Main Lanes with Overpasses	IH 2 / US 83	IH 69C / US 281	$620,652,704	2030	TxDOT	HC-328
SH 365 (Phase II)	Toll improvement being a 4 Lane controlled access facility	FM 396 (Anzalduas Highway)	FM 1016 (Conway Rd)	$62,259,241	2030	HCRMA	RMA-1b
SH 365 (Ultimate Construction) PE	Expansion from a 4 Lane to 6 Lane controlled access toll facility (constructing an additional 2 Lanes)	US 281 Military Highway	FM 1016 (Conway Rd)	$113,022,597	2030	HCRMA	RMA-1c
Pharr Bridge Agricultural Lab	Agricultural Lab and Training Center	@ Pharr Int'l Bridge	--	$12,428,552	2030	Pharr	HC-376
Airport Drive (Weslaco)	Widen to 4 Lane	BU 83	US 83	$4,347,616	2031-35	Weslaco	HC-85
Mile 6 W Rd	Widen to 4 Lane	Mile 14 1/2 N	Mile 11 N	$27,677,507	2031-35	County 1	HC-148bbb
Sugar Rd	Widen to 4 Lane	SH 107	Schunior Ave	$2,560,350	2031-35	Edinburg	HC-171
FM 2062 (Bentsen Palm)	Widen to 4 Lane Divided	US 83 S	BU 83	$4,106,082	2031-35	Mission	HC-18
SP 115 (S 23rd St)	Widen to 6 Lane Divided Urban	US 83	FM 1016 (Military Hwy)	$28,983,428	2031-35	McAllen / Hidalgo / County 2	HC-51a

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
FM 1925	Widen to 4 Lane Divided	3rd Street	FM 493 (La Blanca)	$13,002,536	2031-35	County 4	HC-12b
Oakland Ave	Add 4 Lanes	K-Center	Jackson Rd	$830,630	2031-35	McAllen	HC-316
Border Ave	Widen to 4 Lane	S 18th St (Mile 6 N)	BU 83	$7,084,578	2031-35	Weslaco	HC-92
Sioux Rd	Widen to 4 Lane	I Rd	FM 1426 (Raul Longoria)	$3,864,548	2031-35	San Juan	HC-167
Paso del Norte	Widen to 4 Lane Divided	BU 83	2nd St	$1,482,698	2031-35	Weslaco	HC-242
Kennedy	2 Lane divided with bike lanes	Ware Road (FM 2220)	Bentsen Rd	$5,771,282	2031-35	McAllen	HC-318
Schunior Ave	Widen to 4 Lane	Sugar Rd	4th St	$2,621,412	2031-35	Edinburg	HC-166
Jackson Ave	Widen to 4 Lane	S Bicentennial Ave	S 2nd St	$4,106,082	2031-35	McAllen	HC-130
FM 676 (Mile 5 N)	Widen to 4 Lane Rev TIP 05'06 Revised Estimate	FM 492 (Doffing)	SH 364 (La Homa Rd)	$7,513,586	2031-35	County 3	HC-117a
Westgate	Widen to 4 Lane divided	BU 83	Mile 5 N	$26,928,425	2031-35	Weslaco	HC-321
Mile 6 N (18th St)	Widen to 4 Lane	FM 88	Mile 2 W	$15,398,648	2031-35	Weslaco / Mercedes / County 1	HC-146
SH 365 (Ultimate Construction)	Expansion from a 4 Lane to 6 Lane controlled access toll facility (constructing an additional 2 Lanes)	US 281 Military Highway	FM 1016 (Conway Rd)	$85,242,974	2031-35	HCRMA	RMA-1c
Las Milpas Rd W	Widen to 4 Lane curb and gutter Rd	Jackson Rd	Cage Rd	$6,063,923	2031-35	Pharr	HC-377
Las Milpas Rd E	Widen to 4 Lane curb and gutter Rd	Cage Rd	I Rd	$6,063,923	2031-35	Pharr	HC-378
Moore Rd W	Widen to 5 Lane curb and gutter road with left turn lane	Jackson Rd	Cage Rd	$9,009,887	2031-35	Pharr	HC-379
Moore Rd E	Widen to 5 Lane curb and gutter road with left turn lane	Cage Rd	I Rd	$9,009,887	2031-35	Pharr	HC-380
Sioux Rd	Divided Urban Section	Cesar Chavez Rd	I Rd (Veterans Blvd)	$34,804,509	2036-40	San Juan	HC-306

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
E Eldora Rd (Segment II)	Divided Urban Section	FM 907 (Alamo Rd)	I Rd	$14,657,018	2036-40	San Juan/ County 2	HC-323
FM 88	Widen to 4 Lane Divided	SH 107	0.2mi N of FM 1925	$17,804,528	2036-40	Elsa/ County 1	HC-39cb
Alberta Rd	Widen to 4 Lane	McColl Rd	US 281	$12,250,281	2036-40	Edinburg	HC-87
Abram Rd	4 Lane Divided Urban Section	BU 83	US Expressway 83	$12,236,430	2036-40	Palmview / County 3	HC-84a
FM 3072 (Dicker Rd)	Widen to 4 Lane Divided	S Cage Blvd	FM 907 (Alamo Rd)	$23,186,086	2036-40	San Juan / Pharr	HC-26
FM 1015	Widen to 4 Lane Divided	SH 107	FM 1925	$4,194,809	2036-40	Edcouch / County 1	HC-3
International Bridge Trade Corridor (IBTC) - Phase II Ultimate	6 Lane non-tolled controlled access facility with 4 Lane access roads	365 Tollway at FM 493	IH 2	$320,342,670	2036-40	HCRMA	RMA-3
Minnesota Rd W	Widen to 3 Lane curb and gutter road with shoulders and left turn lane	Jackson Rd	Cage Rd	$9,442,544	2036-40	Pharr	HC-381
Minnesota Rd E	Widen to 3 Lane curb and gutter road with shoulders and left turn lane	Cage Rd	I Rd	$9,442,544	2036-40	Pharr	HC-382

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Table 8-10: Hidalgo County MPO Unfunded Needs Projects

Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Pharr Int'l Bridge	Improvements (cold storage) at Pharr/Reynosa Int'l bridge	At Pharr/Reynosa Int'l bridge	--	$484,352	County	HC-231c
Trenton Rd	Widen 6 Lanes divided with landscaped median	SH 336 (10th St)	FM 2061 (McColl Rd)	$1,682,160	Edinburg/ McAllen	HC-252
FM 907 (Alamo Rd)	Proposed 4 Lanes curb and gutter	SH 107	Nolana	$32,184,000	County 2-4	HC-40
FM 907 (Alamo Rd)	Widen to 4 Lanes	FM 1925 (Monte Cristo)	SH 107	$7,520,775	County	HC-42
US 83	Widen to 6 Lanes	0.25 Mi W of FM 2221	FM 1427	$17,049,474	TXDOT	HC-178a
Bryan Rd	Widen to 4 Lane Divided	FM 676 (Mi 5 N)	FM 495	$12,033,240	Alton / Palmhurst /Mission	HC-94

Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Sioux Rd (La Vista Ave)	Widen to 4 Lane	FM 2061 (McColl Rd)	US 281	$5,414,958	McAllen / Pharr / County	HC-168
Mile 17 N Rd	Widen to 4 Lane	Mile 6 West	FM 491	$17,083,670	County	HC-139
Pike Blvd	Widen to 4 Lane Divided	Mile 6 W (Westgate)	US 83	$5,715,789	Weslaco	HC-159
SH 336 (10th St)	Widen to 6 Lanes Divided 2966-01-009	S 2nd St	US 281 Military Hwy (widening of Bridge)	$15,737,976	McAllen / Hidalgo / County 2	HC-47
Daffodil Ave	Widen to 4 Lane	Taylor Rd	FM 2220 (Ware Rd)	$3,038,393	McAllen / Mission	HC-102
FM 495	Widen to 6 Lane divided	Conway Ave	FM 1926 (23rd Street)	$16,721,600	McAllen	HC-62b
FM 495	Extend 2 Lane FM Road	FM 1423 (Val Verde)	FM 1015	$23,480,240	County	HC-44
Roosevelt (Mile 12 1/2 N Rd)	Widen to 4 Lane	FM 1423	FM 88	$15,884,816	County	HC-160
Wisconsin Rd	Construct new 4 Lanes Urban	Main street	SH 336 (10th St)	$1,184,014	McAllen	HC-255
Cesar Chavez	Widen to 4 Lane	FM 2128 (Schunior)	Sioux Rd	$18,881,951	County	HC-100
FM 492	Widen to 4 Lane	US 83	FM 2221	$19,481,378	County	HC-121
FM 492 (Doffing)	Widen to 4 Lane Divided	FM 1924 (Mile 3 N)	FM 2221	$12,033,240	Palmview	HC-30
Violet Ave (Minnesota)	Widen to 4 Lane	FM 2061 (McColl Rd)	US 281	$5,414,958	McAllen	HC-180
Jackson Rd	Widen to 4 Lane	FM 1925 (Monte Cristo)	Chapin Rd	$4,512,465	Edinburg	HC-132
Victoria Rd	Widen to 4 Lane	Mile 10 N Rd	US 83	$4,512,465	Donna / county	HC-179
FM 2993 (N Conway)	Widen to 4 Lane Rural	FM 1925 (Monte Cristo)	SH 107	$9,024,930	County	HC-25
Sugar Rd	Widen to 4 Lane Divided	FM 495	Sam Houston Blvd	$6,016,620	Pharr	HC-174
FM 491 (Base Line)	Widen to 4 Lane Divided	Mile 10 N Rd	SH 107	$19,481,378	La Villa / County	HC-28
Daffodil Ave	Widen to 4 Lane	FM 2220 (Ware Rd)	FM 1926 (23rd Street)	$3,008,310	McAllen	HC-81
FM 1925	Widen to 4 Lane Rural	FM 2993 (N Conway)	FM 2220 (Ware Rd)	$10,829,916	County	HC-11
El Rancho/Hall Acres	Widen to 4 Lane	2nd St (McAllen)	S Cage Blvd	$7,219,944	McAllen / Pharr	HC-123

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Military Hwy	Widen to 4 Lane Divided Rural 0220-01-901, 902 903; 0220-02-900; 0220-01-023	S Cage Blvd	Mile 3 E - Cameron County Line	$67,471,521	County	HC-55
Owassa Rd	Widen to 4 Lane	I Rd	FM 1426 (Raul Longoria)	$6,124,300	Pharr / San Juan / County	HC-156b
FM 1425	Widen to 4 Lane Divided	SH 107	MILE 9 N	$17,982,810	County	HC-6
FM 491 (Base Line)	Widen to 4 Lane Divided	SH 107	FM 1925 (Monte Cristo)	$4,512,465	La Villa	HC-29
Goodwin Rd	Widen to 4 Lane	US 83	FM 1924 (Mile 3 N)	$6,618,282	County	HC-31
Pleasantview Dr (Mile 3 1/2 W Rd)	Widen to 4 Lane Divided	Mile 5 N	Mile 9 N	$12,033,240	Weslaco	HC-243
Mile 11 N Rd	Widen to 4 Lane	Mile 6 West	FM 491	$17,982,810	County	HC-137
Mile 6 1/2 W Rd	Widen to 4 Lane	Mile 12 North	Mile 5 N Rd	$20,979,945	Weslaco / County	HC-145
Tower Rd	Widen to 4 Lane	US 83	SH 107	$21,579,372	Alamo	HC-176
Abram Rd	Widen to 4 Lane	US 83	FM 2221	$17,982,810	Palmview / County	HC-84b
Trenton Rd	Construct 4 Lane	FM 1426 (Raul Longoria)	FM 1423 (Val Verde)	$12,935,733	County	HC-177b
FM 1016 (S Conway)	Widen to 6 Lanes	US 83	Military Hwy	$7,075,586	Mission / County	HC-4
Sugar Rd	Widen to 4 Lane	Schunior Ave	FM 1925	$6,016,620	County	HC-172
FM 907 (Alamo Rd)	Widen to 4 Lane Divided	Ridge Rd	Military Hwy	$17,982,810	County	HC-41
Wisconsin Rd	Widen to 4 Lane	0.25 miles E of 2nd St	US 281	$8,724,099	Edinburg	HC-182
Bentsen Palm Drive (FM 2062)	Widen to 4 Lane	1 Mile Line Rd	US 83	$615,072	Palmview	HC-88
Mon Mack Rd	Widen to 4 Lane	SH 107	FM 1925	$7,520,775	Edinburg	HC-260
8th St	Widen to 4 Lane Divided	Mile 5 1/2 W Rd	Airport Dr	$4,512,465	Weslaco	HC-247
Owassa Rd	Widen to 4 Lane	FM 1426 (Raul Longoria)	FM 907	$12,114,000	County	HC-157
Mile 12 N Rd	Widen to 4 Lane	Mile 6 West	FM 1015	$9,024,930	County	HC-138
Los Ebanos Rd	Widen to 4 Lane	FM 1924 (3 Mile N)	Bus 83	$9,024,930	Palmhurst/Mission/County	HC-135
Alberta Rd	Widen to 4 Lane	I road	FM 1423 (Val Verde)	$15,285,389	County	HC-86b

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Nebraska Ave (Alamo)	Widen to 4 Lane	Cesar Chavez	Border Ave	$7,520,775	Alamo	HC-151
Goodwin Rd	Widen to 4 Lane	BU 83	FM 492	$3,008,310	County	HC-122
FM 2062 (Bentsen Palm)	Widen to 4 Lane Divided	BU 83 S	Bentsen State Park	$8,122,437	County	HC-17
FM 491 (Base Line)	Widen to 4 Lane Divided	US 83	Mile 10 N Rd	$9,024,930	Mercedes	HC-43
FM 493 (La Blanca)	Widen to 4 Lane Divided	SH 107	FM 1925 (Monte Cristo)	$5,715,789	La Blanca	HC-33
FM 1425	Widen to 4 Lane Rural	US 83	Mile 9 N Rd	$5,414,958	County	HC-5
Seminary Rd	Widen to 4 Lane	FM 1925	FM 2812 (W of US 281)	$8,573,684	Edinburg	HC-263
Russell Rd	Widen to 4 Lane	Bus 281 (Closner Blvd)	Doolittle Rd	$3,910,803	Edinburg	HC-262
Doolittle Rd	Widen to 4 Lane	FM 2128 (Richardson Road)	FM 1925	$6,016,620	Edinburg	HC-261
Doolittle Rd	Widen to 4 Lane Divided w/ Br	FM 1925	FM 2812	$10,529,085	Edinburg / County	HC-227a
Schunior Ave	Widen to 4 Lane	Mon Mack Rd	Sugar Rd	$4,512,465	Edinburg	HC-164
FM 2812	Widen to 4 Lane with left turn lane	US 281	2 mi E of US 281	$8,076,000	Edinburg	HC-24
FM 676 (Mile 5 N)	Extend 2 Lane FM Road	Jara Chinas	FM 492	$16,436,168	County	HC-143
SP 433 (Main St-Donna)	Widen to 4 Lane Divided	US 83	Bus 83	$2,460,288	Donna	HC-169
El Gato Rd	Widen to 4 Lane	S Cage Blvd	FM 907 (Alamo Rd)	$11,431,578	Pharr / San Juan	HC-124
Military Hwy	Construct 4 Lane	FM 494 (Shary Rd)	FM 1427 (Abram)	$17,982,810	Mission	HC-149
28th St (Mile 5 1/2 N Rd)	Widen to 4 Lane Divided	S. Bridge St	FM 1015	$4,512,465	Weslaco	HC-246
Border Ave	Widen to 4 Lane Divided	Bus 83	Mile 10 N Rd	$7,821,606	Weslaco	HC-245
Moore Field Rd	Widen to 4 Lane	FM 2221	US 83	$19,481,378	County	HC-150
Inspiration Rd	Widen to 4 Lane	2 Mile Line Rd	US 83	$8,724,099	Mission	HC-129
Delta Blvd	Construct new 4 Lane	US 83	Mile 9 N Rd	$2,460,288	Weslaco	HC-226
Tower Rd	Widen to 4 Lane	BU 83	Ridge Rd	$2,306,520	Alamo	HC-175
Jara Chinas	Widen to 4 Lane Divided Rural	FM 2221	US 83	$18,762,065	La Joya	HC-23

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
Russell Rd	Widen to 4 Lane	Doolittle	FM 907 (Alamo Rd)	$4,512,465	County	HC-161
Wichita Ave	Widen to 4 Lane	SH 336 (S 10th St)	2nd St	$1,845,216	McAllen	HC-181
Oxford (Hobbs)	Construct New 4 Lane	Ware Rd	FM 1926 (Depot Rd)	$3,609,972	McAllen	HC-158
Colbath Ave	Widen to 4 Lane	FM 2220	Taylor Rd	$3,008,310	McAllen	HC-101
Mile 6 N (Mercedes)	Widen to 4 Lane	FM 491 E to Mile 1 East	Mile 1 East	$1,537,680	Mercedes	HC-78
Nolana Loop	Construct New 4 Lane	FM 494 (Shary Rd)	Taylor Rd	$768,840	Mission / Palmhurst	HC-153
FM 1427	Widen to 4 Lane Divided	US 83	Abram	$13,487,108	County	HC-7
Rooth Rd	Widen 4 Lanes with left turn lane	Russell Rd	FM 1925 (Monte Cristo)	$3,008,310	McAllen	HC-251
Rooth Rd	Widen 4 Lanes with left turn lane	SH 107	Russell Rd	$4,512,465	McAllen	HC-250
Trenton Rd	Construct New 4 Lane Divided	FM 1423 (Val Verde)	FM 1015	$21,579,372	County	HC-178
Mile 4 1/2 W Rd	Widen to 4 Lane	SH 107	Mile 9 N Rd	$22,478,513	County	HC-142
Mile 1 E	Improve widen to 4 Lane	Mile 11 North	US 83	$11,130,747	Mercedes	HC-136
FM 1427	Widen to 4 Lane Divided	Abram E & N	BU 83	$6,317,451	Peñitas / Mission	HC-8
FM 2812 W	Construct new 4 Lane	Seminary Rd	US 281	$3,609,972	Edinburg	HC-266
Kennedy Ave	Construct New 4 Lane	Taylor Rd	Bentsen Rd	$4,519,868	McAllen	HC-134
Inspiration Rd	Widen to 4 Lane	US 83	Military Hwy	$9,325,761	Mission	HC-128
Alberta Rd	Widen to 4 Lane	US 281	I Rd	$2,152,752	County	HC-86a
FM 493 (Salinas)	Widen to 4 Lane	Champion St	Military Hwy (US281)	$16,092,000	TxDOT	HC-32
Thomas Rd	Construct 52-foot urban roadway with curb and gutter	FM 2061 (McColl Rd)	FM 2557 (Stewart Rd)	$15,671,600	County	HC-268
29th St	2 Lane with center turn lane	Oxford Ave	SH 107	$5,103,750	McAllen	HC-319
Mile 5 N	Widen to 4 Lane divided	FM 1015	Westgate	$20,828,943	Weslaco / County 1	HC-320
W Eldora Rd	Divided Urban Section	FM 3662 (Jackson Rd)	US 281	$7,947,400	Pharr	HC-324

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Project	Description	From	To	Total Project Cost	Sponsor	MTP ID
US 83 @ 2nd St	Convert existing Underpass to diamond intersection Overpass	FM 2061 (McColl Rd)	SH 336 (10th St)	$29,843,590	McAllen / County 2	HC-325
Anzalduas Int'l POE	Construction of 2 additional NB passenger Lanes	@ Anzalduas Int'l POE	--	$6,688,600	Anzalduas Int'l Bridge	HC-331
FM 1423 (Val Verde)	Proposed 4 Lanes curb and gutter	Roosevelt	SH 107	$32,424,000	County 4	HC-346
Russell Rd	--	FM 2220	US 281	$13,610,000	Edinburg/McAllen/County 4	HC-347
Freddy Gonzalez Dr	Construct & Widen 4 Lane Urban Roadway	Ware Rd (FM 2220)	10th St (SH 336)	$16,424,002	McAllen / County 4	HC-365
S Jackson Rd	Widen to 6 Lane curb and gutter road	W Moore Rd	BU 83	$16,000,000	Pharr	HC-375

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Brownsville MPO

The following tables (**Table 8-11** through **Table 8-15**) list the four project periods/stages for the Brownsville MPO planning area.

Table 8-11: Brownsville MPO Implementation Stage Projects (2019-2022)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
South Port Connector	Construct a direct connector at Port of Brownsville	Ostos Rd	SH 4	$17,613,700	2020	BND	BMPO-P1
FM 802	Proposed 6 Lanes with raised center median.	FM 1847	Old Port Isabel Rd	$15,659,000	2020	TxDOT	BMPO-TT1
SH 550	Construct controlled access facility	0.203 Mi S OF FM 1847	1.13 Mi SE of UPRR Overpass @ FM 3248	$19,165,272	2020	CCRMA	BMPO- CCR1
IH 69E Grade Separation	Construct a grade separation	0.5 Mi N of University Blvd	0.5 Mi S of University Blvd	$18,180,000	2020	CCRMA	BMPO- CCR3
Brownsville to Los Fresnos Connect Phase 1	Construct a 10-foot trail	2 Mi North of FM 511/FM 1847 intersection	Along Canal, 0.7 Mi E, 0.38 Mi N, 0.3 Mi W	$1,067,916	2020	City of Brownsville	BMPO- BL1
Veterans Int'l Bridge at Los Tomates	Expansion of primary lanes for passenger vehicles	CBP Primary Inspection Lanes	CBP Primary Inspection Lanes	$21,969,359	2020	CCRMA	BMPO- CCR2
FM 3248	Construct 6 lanes with raised center median	IH 69E	FM 1847	$17,619,720	2021	TxDOT	BMPO-AG1
Brownsville to Los Fresnos Connect Phase 2	Construct a 10-foot trail	Phase 1 terminus, 1 Mile North	Along Canal, 0.7 Mi E, 0.38 Mi N, 0.3 Mi W	$1,067,916	2021	City of Brownsville	BMPO- BL2
West Blvd	Construct Multimodal Facility	Palm Blvd	IH 69E SB Frontage Rd, W of Old Alice Rd	$2,160,000	2022	CCRMA	BMPO-E7
Indiana Ave Realignment	Realignment, construct 2 Lane rural roadway	0.1 Mile N of California Rd	0.62 Mile N of FM 1419	$2,522,500	2022	CCRMA	BMPO_E11
SH 550	Construct controlled access facility	0.203 Mi S of FM 1847	1.13 Mi SE of UPRR Overpass @ FM 3248	$19,165,272	2022	CCRMA	BMPO- RM6

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
East Loop	Preliminary Engineering	IH 69E	SH 4	$89,375,000	2022	CCRMA	BMPO-E4
Veterans Int'l Bridge GSA Facility	Construction of Border Safety Inspection Facility	Vicinity of GSA Facility	At Brownsville Veterans Int'l Bridge at Los Tomates	$9,776,802	2022	TxDOT	BMPO- LS17
Southmost Nature Trail Phase II	Construct 10-foot concrete Hike and Bike trail	FM 1847 near Los Ebanos	La Posada Dr/ Monsees Rd	$7,450,792	2022	City of Brownsville	BMPO-ST2
LF North High School Park Connection	Construct a 5-foot concrete trail	Along the W side FM 1847, from Henderson Rd	1st St	$412,608	2022	City of Los Fresnos	BMPO-LF3

Table 8-12: Brownsville MPO Short-Term Stage Projects (2023-2029)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Olmito Sidewalk Improvements	Construct 5-foot concrete sidewalks	Interior Roads at Olmito Townsite	FM 1732	$426,177	2023	Cameron County	BMPO- CTY1
Las Palmas Sidewalk Improvements	Construct 5-foot concrete sidewalks	Interior Roads at Las Palmas Mobile Estates	FM 802	$321,918	2024	Cameron County	BMPO- CTY2
FM 1732	Widen to 4 Lane rural	US 281	IH 69E	$24,114,384	2024	TxDOT	BMPO- BB1
SH 48	Proposed 6 Lanes with raised median	SH 4	FM 511	$29,975,163	2025	TxDOT	BMPO-G2
Perkins to Champions Trail	Establish Hike and Bike Trail	Zena Dr	Central Ave	$2,314,724	2025	City of Brownsville	BMPO- TE11
US 281	Widen to 4 Lane rural	FM 1421	FM 1577	$15,690,750	2025	TxDOT	BMPO-D3
International Blvd. (SH 4)	Construct Sidewalks	Lincoln Street	Southmost Hike and Bike Trail	$346,074	2025	City of Brownsville	BMPO-SR1
Los Fresnos Hike and Bike Trail	Establish Hike and Bike Trail	Circles the City of Los Fresnos	--	$3,235,667	2026	City of Los Fresnos	BMPO-LF2
SRTS Porter Early College High School	Construct sidewalks	E.23rd Street	German Street	$189,007	2026	City of Brownsville	BMPO-SR2

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Veterans Int'l Bridge at Los Tomates	Expansion of primary lanes for passenger vehicles	CBP Primary Inspection Lanes	CBP Primary Inspection Lanes	$19,900,221	2026	CCRMA	BMPO- AA1
SRTS Lincoln Park/Faulk & Canales	Construct sidewalks	On E. 19th St, E. 20th St, E. 21st St	Johnson St, and Lincoln St.	$397,685	2027	City of Brownsville	BMPO- SR3
Old Alice Rd	Construct 4 Lane urban roadway	SH 550	SH 100	$14,850,000	2028	Cameron County	BMPO-CC1
South Brownsville Projects	Construct Sidewalks	On Olmito St. from Manzano St to Tulipan St	Riverside Blvd. from W. Fronton St. to End.	$245,505	2028	City of Brownsville	BMPO-SB1
Whipple Rd	Proposed 2 Lane roadway with continuous left turn lane	FM 1847	FM 1575	$5,080,300	2029	City of Los Fresnos	BMPO-P2
Old Alice Rd	Construct 4 Lane urban roadway	SH 550	Sports Park Blvd	$3,875,000	2029	Cameron County	BMPO- CTY3
West Blvd.	Construct Trail	Palm Blvd.	U.S. 281/ Boca Chica	$1,626,010	2029	Cameron County	BMPO- WR1

Table 8-13: Brownsville MPO Medium-Term Stage Projects (2030-2040)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Dana Rd	Widen roadway and add sidewalks	FM 802	FM 3248	$11,811,360	2030	City of Brownsville	BMPO-DR1
Indiana Ave Realignment	Realignment, construct 2 Lane rural roadway	0.1 Mile North of California Rd.	0.62 Mile North of F.M. 1419	$3,003,691	2030	CCRMA	BMPO-I2
Morrison Rd	Construct 4 Lane urban roadway	FM 1847	FM 511	$18,343,400	2031-35	CCRMA	BMPO-M1
IH 69E Grade Separation	Construct a grade separation	0.5 Mi N of University Blvd	0.5 Mi S of University Blvd	$12,303,500	2031-35	TxDOT	BMPO-UB1
FM 1847	Expand to 4 Lanes-rural	FM 510	FM 2925	$30,758,750	2031-35	TxDOT	BMPO-PL3
Billy Mitchell Blvd FM 2519	Raised median, sidewalks, pavement overlay	SH 4	Jose Colunga St	$1,677,750	2031-35	TxDOT	BMPO-BM3
International Blvd	Install raised median	IH 69E	Washington St	$671,100	2031-35	TxDOT	BMPO-IB 3

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Coffee Port Rd	Full road reconstruction	FM 802	SH 48	$11,811,360	2036-40	City of Brownsville	BMPO-CP4
San Roman Rd	Full road reconstruction	FM 2480	SH 100	$3,037,118	2036-40	CCRMA	BMPO-SR3
Old Port Isabel Rd	Full road reconstruction	Morrison Rd	240-feet NE of Randy Lee Rd	$4,087,050	2036-40	Cameron County	BMPO-OP4
14th St	Road Reconstruction	Security Dr	Tyler St	$4,348,728	2036-40	City of Brownsville	BMPO-CB3
SH 48	Construct 2 lane frontage road and ramps (East bound)	1/4 mile East of FM 511	1/4 mile East of entrance to the Fishing Harbor	$10,625,750	2036-40	TxDOT	BMPO-SH5
SH 48	Construct 2 lane frontage road and ramps (West bound)	1/4 mile East of entrance to the Fishing Harbor	FM 511/SH48 Overpass	$11,073,150	2036-40	TxDOT	BMPO-SH6
FM 3248, Extension to Flor de Mayo Bridge	Construct 4 divided highway to the Flor de Mayo Intl. Bridge	US 281	Flor De Mayo Bridge	$7,605,800	2036-40	CCRMA	BMPO-AG4

Table 8-14: Brownsville MPO Long-Term Stage Projects (2041-2045)

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
Henderson Rd	Expand to 4 Lane rural roadway	FM 803	0.5 Mi E of FM 1547	$9,198,000	2041-45	CCRMA	BMPO-HR2
Dockberry Rd	Proposed 2 Lanes with continuous left turn lane	FM 3068	FM 1419	$5,892,500	2041-45	CCRMA	BMPO-DB3
Florida Rd	Proposed 2 lane roadway with continuous left turn lane	FM 511	FM 1419	$4,724,000	2041-45	CCRMA	BMPO-FR2
Coffee Port Rd	Rehabilitate road	FM 802	FM 313	$964,988	2041-45	Cameron County	BMPO-CP5
SH 48	Build overpass at 4.7 mi. East of Chemical Road with ramps	--	--	$16,777,500	2041-45	TxDOT	BMPO_SH7
SH 48	Build overpass at entrance to Amfels with ramps	--	--	$16,777,500	2041-45	TxDOT	BMPO-SH8

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Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
US 281 Connector	Acquire ROW and PE	US 281	SH 100	$5,000,000	2041-45	TxDOT	BMPO-EE11

Table 8-15: Brownsville MPO Unfunded Needs Projects

Project	Description	From	To	Total Project Cost	Year	Sponsor	MTP ID
SH 550 Connector	Construct direct connector	IH 69E	IH 169E	$47,740,000	--	CCRMA	BMPO-SHC1
Flor de Mayo Bridge	Construct International Bridge	FM 3248	US 281	$22,370,000	--	CCRMA	BMPO-FMB1
Old Port Isabel Rd	Construct 2 Lane rural	SH 550	SH 100	$22,870,000	--	CCRMA	BMPO-OP5
N Vermillion Ave	Reconstruct roadway and add shoulders	SH 4	FM 802	$6,891,563	--	Cameron County	BMPO-NV1
IH-69E	Construct a Park and Ride facility under IH-69E	13th St	14th St	$3,355,500	--	City of Brownsville	BMPO-PR3
FM 3248	Construct a North-West side transit transfer station	On FM 3248, .2 miles west of IH-69E	----	$1,648,125	--	City of Brownsville	BMPO-TS2
Palo Alto Hike and Bike Trail	Construct Hike and Bike trail	Palo Alto Battlefield National Historical Park	Eco Tourism at Laguna Vista	$8,948,000	--	CCRMA	BMPO-PA3
West Blvd.	Construct Multimodal Facility	US 281/ Boca Chica Blvd.	IH-69E SB Frontage Road, W. of Old Alice Rd.	$13,422,000	--	CCRMA	BMPO-WR2
ITS Changeable Message Signs	Reconstruct roadway and add shoulders	IH-69E Various Locations	--	$1,677,750	--	TxDOT	BMPO-IT6
SH 48	Build SH 48 overpass (with ramps) at the entrance to the Next Decade LNG facility	--	--	$15,000,000	--	TxDOT	BMPO-SH9

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Rio Grande Valley Metropolitan Planning Organization

510 South Pleasantview Drive, Weslaco, TX. 78596

(956) 969-5778
(956) 969-5821 fax

October 1, 2019

RGVMPO
Technical Advisory Committee

Dear Committee Member:

The Lower Rio Grande Valley Development Council (LRGVDC) issued advertisements soliciting Request for Proposals (RFP) for a region wide Congestion Management Process (CMP).

The LRGVDC received one (1) submittal from CoPlan for consideration. Co Plan has performed CMP studies for all 3 regions of the RGV, Brownsville, Harlingen-San Benito and Hidalgo County previously. Staff has performed a Cost Analysis of the proposal as approved by TAC at the September 10, 2019 meeting.

In compliance with the LRGVDC procurement procedures the analysis staff has determined that hourly rates, loaded and unloaded as well as profit margins are in compliance with the following Federal and/or State regulations.

A. Code of Federal Regulations 23, Chapter 1, 172.7
B. Code of Federal Regulations 48, Chapter 1, Part 31.2
C. The Common Rule of OMB Circular A-102
D. Administrative Circular 17-89 (Department)
E. Federal-Aid Policy Guide
F. Administrative Circular 40-85 (Department)
G. Administrative Circular 5-87 (Department)

Staff recommends execution of the contract not to exceed $347,897.50 with **CoPlan,** to be signed on October 30, 2019 at the regularly scheduled RGVMPO TPB meeting.

Should you need any additional assistance with this, or any matter please feel free to contact me or Interim Director, Ron Garza.

Sincerely,

Andrew A. Canon

Exhibit B - Proposed Budget

Rio Grande Valley MPO Congestion management Data Collection (Winter 2019) 18-Sep-19

Job # 2019- 02

ATTACHMENT "B"
PROJECT BUDGET

Rio Grande Valley MPO - Congestion Management Process (Winter 2019)								18-Sep-19
				75	Regional Intersections - Case-Study Intersections			
Personnel	Sr. Project Manager	Operations Task Manager	GIS Task Manager	Travel Time Runs / Turning Movement Counts	Local Mileage	Task Hours		
Task								
Congestion Management Process Data Collection - Winter 2019						Task Hours	Task Unit Cost ($/ea)	Task Budget
1.1 - Mapping	40	80			3,000	120		$21,340.00
Update Roadway Attributes in GIS			24			24		$3,840.00
Integrate Historical Databases for Hidalgo, Harlingen, and Brownsville MPOs	40	60	80			180		$29,400.00
1.2 - Travel Times on Included Roadways	25	80		400	10,000	505		$46,550.00
4-weeks of TT Processing		16	60			76		$12,000.00
Travel Time QC		20	40			60		$9,400.00
1.3 - Summary of Travel Times and Respective Congestion Indices	16	40	80			136		$21,840.00
"After" Analysis for Winter 2019	20	40	16			76		$12,360.00
1.4 - Volume Based Performance Measure	8	16	24			48		$7,760.00
1.5 - Ranking of Congested Segments	4	20				24		$3,760.00
1.6 - Recommendations for Improvements	40	80				120		$19,600.00
1.7 - Operational Case-Study (up to 75 signalized intersections)								
1.7.1 - Traffic Signal Hardware Assessment and Prioritization (1.5 hr/int)	113					113		$21,470.00
1.7.2 - Based on findings and related costs, review and update recommended prioritization for TAC approval (0.25 hr/int)	19					19		$3,610.00
1.7.3 - Develop planning level Regional Synchro Model						0		$0.00
Collect intersection turning movement traffic counts (AM/PM Peaks)		19		375	750	394	$343.80	$25,785.00
Review of existing timing plans (0.5 hr / int)	38					38	$96.27	$7,220.00
Develop baseline signal timing optimization models (1.5 hr / int)	38	75				113	$246.27	$18,470.00
Facilitate discussion with respective cities to come to agreement on corridor / intersection phasing (0.5 hr / int)	38					38	$96.27	$7,220.00
Develop subsequent coordinated planning level signal optimization models (1 hr / int)	19	75				94	$198.13	$14,860.00
Review recommended timing with city staff (0.25 / int)	19					19	$48.13	$3,610.00
Based on anticipated delay reduction, review and update recommended prioritization for TAC approval (0.25 / int)	19					19	$48.13	$3,610.00
1.7.4 - Based on anticipated delay reduction, review and update recommended prioritization for TAC approval	40					40	$101.33	$7,600.00
1.8 - Implement Recommended Signal Timing								
Implement Signal Timing in Field (1.5 hr / int)	113				750	113	$292.07	$21,905.00
Update Synchro Model based on Adjustments made During Implementation (0.25 hr/int)	19					19	$47.50	$3,562.50
Prepare Documentation of Implementation Results (0.5 hr/int)	38					38	$95.00	$7,125.00
1.9 - Presentation of Priliminary and Final Report to MPO Technical and Policy Committees	40		40			80		$14,000.00
Total Hours	745	621	364	775	14,500	2505		
Rate	$190.00	$150.00	$160.00	$60.00	$0.580			
Staff Effort	$141,597.50	$93,150.00	$58,240.00	$46,500.00	$8,410.00			$347,897.50

CoPLAN - HOURLY LOADED RATES BREAKDOWN

	Loaded Rates	Base salary	Indirect = 101.6% of base salary	Overhead = 25.25% of base salary	Profit = 12% loaded rate
Sr. Project Manager	$190.00	**$73.70**	$74.88	$18.61	$22.80
Operations Task Manager	$150.00	**$58.18**	$59.11	$14.69	$18.00
GIS Task Manager	$160.00	$62.07	$63.06	$15.67	$19.20

CONSULTANT SELECTION DESCRIPTION

PROJECT TITLE: RIO GRANDE VALLEY MPO CONGESTION MANAGEMENT PROCESS DATA COLLECTION WINTER 2019

3. RESULTS OF COST/PRICE ANALYSIS:

Report Number 2019-02

Project # or Description

This contract is for the collection of data on congestion levels in the urbanized area of the Rio Grande Valley and the analysis and development of a plan to relieve congestion in several corridors identified in the Rio Grande Valley MPO's Congestion Management Process. The data to be gathered includes the following:

- Mapping
- Travel times on included roadways
- Summary of travel times and respective congestion indices
- Volume Based Performance Measure
- Ranking of congested segments
- Recommendations for improvements for congested segments
- Operational Case-Study
- Traffic Signal Hardware Assessment and Prioritization
- Based on findings and related costs, review and update recommended prioritization for TAC approval
- Develop planning level Regional Synchro Mode based on anticipated delay reduction, review and update recommended prioritization for TAC approval
- Implement Recommended Signal Timing
- Presentation of preliminary and final report to the MPO Technical Committee and the MPO Policy Committee

Contractor
CoPLAN, LLC

Evaluation Requested By:
TxDOT's General Service Division, (the MPO is self-certified and is performing the Cost/Price analysis)

Evaluation Performed
September 19, 2019

_____

Ron Garza,
RGV MPO Interim Executive Director

1. Purpose and Scope

This report is furnished to assist the contracting official in making an appropriate selection of a contractor for this project. Only those items or conditions appropriate to this proposal were considered.

2. References

The Following Federal and/or State Regulations apply:

A. Code of Federal Regulations 23, Chapter 1, 172.7
B. Code of Federal Regulations 48, Chapter 1, Part 31.2
C. The Common Rule of OMB Circular A-102
D. Administrative Circular 17-89 (Department)
E. Federal-Aid Policy Guide
F. Administrative Circular 40-85 (Department)
G. Administrative Circular 5-87 (Department)

3. Release of this Report

In the interest of the MPO's negotiating position, the release or disclosure of any portion of this report should be at the discretion of the responsible contracting official.

4. The Necessity and Quantity of Work Involved

This evaluation did not take into consideration the necessity for this work but did consider the quantity of the items to be evaluated as well as the quantity of time involved. Such an evaluation was made and is used in conjunction with this report. Through the evaluation it was discovered that the quantity of time involved for this project was consistent with staff efforts in the past.

5. Type of Contract Proposed

Lump Sum paid by percentage of completion

6. Maximum Amount Payable

$347,897.50 (CoPlan's Proposed Project Budget)

7. Findings of items Evaluated

See Attachment 1 for narrative discussion of these items of cost:

A. Labor Costs and Rates (No overtime contemplated)
B. Labor Additives
C. Subcontract Costs and Procedures
D. Other Direct Costs
E. Indirect and Overhead Costs
F. Profit
G. Other Considerations

8. Comments

Based on the above information and without the benefit of comparison with other proposals, for this same amount of work, the degree of risk involved in accepting the proposal as presented would, in my opinion, be:

a. ( ) None
b. (X) Minimal
c. ( ) Considerable
d. ( ) Unable to assess due to:

9. Staff Recommendation

Approval

ATTACHMENT 1

FINDINGS FOR ITEMS EVALUATED

A. LABOR COSTS AND RATES (NO OVERTIME CONTEMPLATED)

The base labor hourly rates proposed by the main contractor by labor discipline compared favorably with the same acceptable rates obtained from the 2011 US Department of Labor by occupation. Both the main contractor and the subcontractor submitted loaded rates. This method is the counter to the method usually employed, so this will be explained further under Section G. The following **unloaded** rates were all within the allowable range.

Position	Contractor Base Rate	Average	Standard Deviation	Allowable Range
Sr. Project Manager	**$73.70**	**$58.75**	+/- **$17.63**	**$41.12 to $76.38**
Operations Task Manager	**$58.18**	**$45.74**	+/- **$13.72**	**$32.02 to $59.46**
GIS Task Manager	**$62.07**	**$49.99**	+/- **$15.00**	**$34.99 to $64.99**

B. LABOR ADDITIVES

The consultant provided labor additives which will be discussed in item F.

C. OTHER DIRECT COSTS

$8,410 of the direct cost is the result of approximately 14,500 miles of commuting within the RGVMPO area at $0.580 cents per mile. This compares favorably to the MPO standard mileage rate of $0.580 cents per mile.

D. INDIRECT AND OVERHEAD COSTS

The mean overhead or indirect rate since 1994 has been 1.40, with a standard deviation of +/- $0.23. The consultant's proposed rate of 1.69% for 2019 compares favorably with the mean.

E. PROFIT

The proposal includes a 12% profit rate. Since 1998, the MPO's profit rate has been 19.09% with a standard deviation of 9.25%. According to regulations, the consultant's profit rate of 12% is within the acceptable range of 9.84% and 28.34%.

F. OTHER CONSIDERATIONS

In Task 1.7.4, the updated prioritization will be presented to the TAC Committee for review, discussion, edits, and approval. If there are any changes in the number of intersections included, some Priority 2 intersections could be moved up and considered for inclusion. If so, those added will be considered additional services since they will need to go through Task 1.7.1 also before advancing.

Implementation of signal timing at intersections not included in listing of early deployment intersections as of date contract is executed, Development and / or timing plans other than AM or PM peak periods

Commercial Private Sector Speed Data - Over the last few years, private sector commercial traffic speed data has become more robust with coverage and sample sizes improving. The application of this data source to congestion management is something to be considered as long as the intent and focus of CMP is maintained. That said, commercial sector data is currently a link-based summary with no detail about the actual location of delay or congestion. What this means is the average speed of a segment is reported, but the details about the operations within a segment is lost and therefore, making recommendations with only this source of data is limited.

But, the benefits of such a data set open the door to a variety of key performance measures (travel time reliability, duration of congestion, etc.) and temporal analysis (seasonal variation, time of day conditions, day of week, etc.). With the purchase of a raw data set and conflation to the regional roadway network in GIS, it is possible to evaluate the performance of the network of a year vs. only three (3) runs as is currently done. The procurement of a full year data set is very cost effective. But completing an analysis of this data set and identifying the congested corridor, it would then be recommended to go collect detailed travel time results on a sub-set of the overall 1,000 centerline mile network, thus reducing the overall cost of this portion of the project.

Private sector commercial traffic data is currently being used by TxDOT to identify the Texas Top 100 congested areas for prioritization of funding.

Multi-modal considerations – By definition, the congestion management process is to be multi-modal. This means it is to consider transit, bike / pedestrian provisions, etc. as alternate modes to address congestion. The MPO has documented these elements in other initiatives within the planning process, but it has not been incorporated directly into the congestion management data collection. Common elements that would be incorporated include transit accessibility, presence of transit shelters, bus stop locations, bike lanes, and pedestrian/bike paths.

Rio Grande Valley Metropolitan Planning Organization

510 South Pleasantview Drive, Weslaco, TX. 78596

(956) 969-5778
(956) 969-5821 fax

October 1, 2019

RGVMPO
Technical Advisory Committee

Dear Committee Member:

The Lower Rio Grande Valley Development Council (LRGVDC) issued advertisements soliciting Request for Proposals (RFP) for a region wide Long-Range Plan (MTP), Regional Bicycle/Pedestrian Plan and Long-Range Regional Transit Plan.

The LRGVDC received one (1) submittal from Alliance Transportation Group for consideration. Alliance Transportation Group has performed One (1) or more of the requested studies for all 3 regions of the RGV, Brownsville, Harlingen-San Benito and Hidalgo County previously. Staff has performed a Cost Analysis of the proposal as approved by TAC at the September 10, 2019 meeting. The bid was **$176,361.00** less than budgeted in the approved FY 2020-2021 UPWP.

In compliance with the LRGVDC procurement procedures the analysis staff has determined that hourly rates, loaded and unloaded as well as profit margins are in compliance with the following Federal and/or State regulations.

A. Code of Federal Regulations 23, Chapter 1, 172.7
B. Code of Federal Regulations 48, Chapter 1, Part 31.2
C. The Common Rule of OMB Circular A-102
D. Administrative Circular 17-89 (Department)
E. Federal-Aid Policy Guide
F. Administrative Circular 40-85 (Department)
G. Administrative Circular 5-87 (Department)

Staff recommends execution of the contract not to exceed **$997,843.94** with **Alliance Transportation Group,** to be signed on October 30, 2019 at the regularly scheduled RGVMPO TPB meeting.

Should you need any additional assistance with this, or any matter please feel free to contact me or Interim Director, Ron Garza.

Sincerely,

Andrew A. Canon

CONSULTANT SELECTION DESCRIPTION

PROJECT TITLE: RIO GRANDE VALLEY MPO 2045 MTP UPDATE
ALLIANCE TRANSPORTATION GROUP

3. RESULTS OF COST/PRICE ANALYSIS:

Report Number: 2019 #1

Project # or Description

The scope of this project involves developing a 2020-2045 Metropolitan Transportation Plan, Long Range Transit Development Plan and Bicycle/Ped Plan(s) for the RGVMPO Area. In general, the Plan(s) is envisioned to consist of recommendations for a community-supported comprehensive network of multi-modal transportation options to connect neighborhood users to special generators and key destinations. The scope also involves ensuring compliance with federal performance-based planning as indicated in MAP-21 and FAST-Act, including compliance regarding performance measures and performance target requirements.

Contractor
Alliance Transportation Group, Inc.

Evaluation Requested By:
TxDOT's General Service Division, (the MPO is self-certified and is performing the Cost/Price analysis)

Evaluation Performed
September 16, 2019

1. Purpose and Scope

This report is furnished to assist the contracting official in making an appropriate selection of a contractor for this project. Only those items or conditions appropriate to this proposal were considered.

2. References

The Following Federal and/or State Regulations apply:

A. Code of Federal Regulations 23, Chapter 1, 172.7
B. Code of Federal Regulations 48, Chapter 1, Part 31.2
C. The Common Rule of OMB Circular A-102
D. Administrative Circular 17-89 (Department)
E. Federal-Aid Policy Guide
F. Administrative Circular 40-85 (Department)
G. Administrative Circular 5-87 (Department)

3.Release of this Report

In the interest of the MPO's negotiating position, the release or disclosure of any portion of this report should be at the discretion of the responsible contracting official.

4.The Necessity a n d Quantity of Work Involved

This evaluation did not take into consideration the necessity for this work but did consider the quantity of the items to be evaluated as well as the quantity of time involved. Such an evaluation was made and is used in conjunction with this report. Through the evaluation it was discovered that the quantity of time involved for this project was consistent with staff efforts in the past.

5.Type of Contract Proposed

Lump Sum paid by percentage of completion

6.Maximum Amount Payable

$997,843.94

7.Findings of Items Evaluated

See Attachment 1 for narrative discussion of these items of cost:

A. Labor Costs and Rates (No overtime contemplated)
B. Labor Additives
C. Subcontract Costs and Procedures
D. Other Direct Costs
E. Indirect and Overhead Costs
F. Profit
G. Other C o n s i d e r a t i o n s

8. Comments

Based on the above information and without the benefit of comparison with other proposals, for this same amount of work, the degree of risk involved in accepting the proposal as presented would, in my opinion, be:

a. ( ) None
b. (X) Minimal
c. ( ) Considerable
d. ( ) Unable to assess due to:

9. Recommendation

Proceed with consultant contract.

ATTACHMENT 1
FINDINGS FOR ITEMS EVALUATED

A. LABOR COSTS AND RATES (NO OVERTIME CONTEMPLATED)

The base labor hourly rates proposed by the main contractor by labor discipline compared favorably with the same acceptable rates obtained from the 2018 US Department of Labor Bureau of Labor Statistics by occupation and the National PayScale Database. The main contractor submitted unloaded rates. This method is the method usually employed and this will be explained further under Section G. The following unloaded rates were all within the allowable range.

Position	Contractor Base Rate	Average	Standard Deviation 25%	Allowable Range
Project Director (Engineering Mgr)	$81.32	$71.62	+/- $17.91	$53.71 to $89.53
Modeling Lead (Computer Information Analyst)	$63.65	$45.67	+/- $11.42	$34.25 to $57.09
Accountant (Accountants and Auditors)	$22.01	$33.89	+/- $8.47	$25.42 to $42.36
Bike/Ped Manager	$37.39	$32.06	+/- $8.02	$24.04 to $40.08
Sr. Transportation Planner	$26.66 to $30.70	$32.06	+/- $8.02	$24.04 to $40.08
Transportation Planner	$26.66 to $30.70	$20.04	+/- $5.01	$15.03 to $25.05
Clerk	$25.00	$20.15	+/- $5.04	$15.11 to $25.19

B. LABOR ADDITIVES

The consultant provided labor additives which will be discussed in item E.

C. SUBCONTRACTOR COST AND PROCEDURES

There is not subcontractor included in this contract.

D. OTHER DIRECT COSTS

The airfare roundtrip fare of $270.00 per person and the car rental fare of $125.00 per day which includes gas expenses are both acceptable and within range. The consultant proposes a hotel rate of $150 per night including tax which is higher than the McAllen, TX rate of $111.00 including tax per night. The meal rate of $60.00 per day is a little

higher than the McAllen, TX rate of $55.00 per day but still within range

E. INDIRECT AND OVERHEAD COSTS

The mean overhead or indirect rate since 1994 has been 150% with a standard deviation of +/-50% creating a range of 100%-200%. The consultant's 2019 rate of 184.57% compares favorably with the allowable range.

F. PROFIT

The proposal includes a 10% profit rate. Since 1998, the MPO's profit rate has been 19.09% with a standard deviation of 9.25%. According to regulations, the consultant's profit rate of 10% is within the acceptable range of 9.84% and 28.34%.

G. OTHER CONSIDERATIONS

This analysis is based on the consultant's unloaded rates provided. The analysis finds the direct labor rates to be within the allowable range for the work to be performed, the direct expenses slightly high, the overhead rate within range, and the profit rate below the average. With these information and results, the analyst believes the risk to be minimal. Although the cost proposal for Task 1, Regional MTP is higher than staff budgeted, the overall cost savings to the program through bundling the work tasks is $176,631.03.

Alliance Transportation Group, Inc.
Proposed Labor Hours and Costs
RGVMPO 2020-2045 Metropolitan Transportation Plan Update

Labor Category	Base Labor Rate	Task 1. Develop a Regional MTP for the Rio Grande Valley MPO		Task 2. Develop a Transit Development Plan for the Rio Grande Valley MPO Region		Task 3. Develop a Bicycle and Pedestrian Plan for the Rio Grande Valley MPO Region		Task 4. Federal Compliance		Task 5. Final Report		Total Labor and Direct Costs	
		Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Direct Labor	Unburdended	2718		2246		2132		286		696		8078	
Jim Harvey (Principal in Charge)	$ 76.71	50	$ 3,835.50	18	$ 1,380.78	24	$ 1,841.04	12	$ 920.52	24	$ 1,841.04	128	$ 9,818.88
JD Allen (Project Director)	$ 81.32	210	$ 17,077.20	24	$ 1,951.68	48	$ 3,903.36	24	$ 1,951.68	20	$ 1,626.40	326	$ 26,510.32
Thomas Dow (QA/QC Manager)	$ 48.08	18	$ 865.44	40	$ 1,923.20	40	$ 1,923.20	8	$ 384.64	16	$ 769.28	122	$ 5,865.76
Ben Magallon (MTP Task Manager)	$ 28.65	420	$ 12,033.00	140	$ 4,011.00	120	$ 3,438.00	60	$ 1,719.00	120	$ 3,438.00	860	$ 24,639.00
Tim Simon (TDP Task Manager)	$ 37.39	80	$ 2,991.20	340	$ 12,712.60	40	$ 1,495.60	20	$ 747.80	40	$ 1,495.60	520	$ 19,442.80
Brad Brey (Bike/Ped Task Manager)	$ 37.39	120	$ 4,486.80	220	$ 8,225.80	300	$ 11,217.00	18	$ 673.02	40	$ 1,495.60	698	$ 26,098.22
Mike Chaney (Modeling Lead)	$ 63.65	60	$ 3,819.00	64	$ 4,073.60	4	$ 254.60	8	$ 509.20	12	$ 763.80	148	$ 9,420.20
Michael Wagoner (Travel Demand Modeler)	$ 40.43	160	$ 6,468.80	200	$ 8,086.00	16	$ 646.88	24	$ 970.32	24	$ 970.32	424	$ 17,142.32
Chris Stansbury (Transportation Planner)	$ 30.70	400	$ 12,280.00	180	$ 5,526.00	60	$ 1,842.00	80	$ 2,456.00	120	$ 3,684.00	840	$ 25,788.00
Lauren Osborne (Transportation Planner)	$ 30.38	320	$ 9,721.60	240	$ 7,291.20	560	$ 17,012.80	12	$ 364.56	120	$ 3,645.60	1252	$ 38,035.76
Peter Barrilleaux (Transportation Planner)	$ 27.72	380	$ 10,533.60	400	$ 11,088.00	380	$ 10,533.60	12	$ 332.64	80	$ 2,217.60	1252	$ 34,705.44
Rose Warren (Transportation Planner)	$ 26.66	380	$ 10,130.80	380	$ 10,130.80	540	$ 14,396.40	8	$ 213.28	80	$ 2,132.80	1388	$ 37,004.08
Accountant (Project Administration)	$ 29.51	60	$ 1,770.60		$ -		$ -		$ -		$ -	60	$ 1,770.60
Clerical (Clerk)	$ 22.01	60	$ 1,320.60		$ -		$ -		$ -		$ -	60	$ 1,320.60
Direct Labor Subtotal			$ 97,334.14		$ 76,400.66		$ 68,504.48		$ 11,242.66		$ 24,080.04		**$ 277,561.98**
Labor Overhead	**184.57%**		$ 179,649.62		$ 141,012.70		$ 126,438.72		$ 20,750.58		$ 44,444.53		$ 512,296.15
Labor + OH Subtotal			$ 276,983.76		$ 217,413.36		$ 194,943.20		$ 31,993.24		$ 68,524.57		**$ 789,858.13**
Fixed Fee	**10.0%**		$ 27,698.38		$ 21,741.34		$ 19,494.32		$ 3,199.32		$ 6,852.46		$ 78,985.81
SUBTOTAL Labor+OH+Fee			$ 304,682.14		$ 239,154.69		$ 214,437.52		$ 35,192.56		$ 75,377.03		**$ 868,843.94**
Reimbursable Expenses*	Unit Cost											Quantity	Expenses
Mileage	$ 0.55		$ -		$ -		$ -		$ -		$ -	0	$ -
Hotel	$ 150.00	10	$ 1,500.00		$ -		$ -		$ -		$ -	10	$ 1,500.00
Rental Car	$ 125.00	20	$ 2,500.00		$ -		$ -		$ -		$ -	20	$ 2,500.00
Per Diem	$ 60.00	120	$ 7,200.00		$ -		$ -		$ -		$ -	120	$ 7,200.00
Airfare	$ 270.00	40	$ 10,800.00		$ -		$ -		$ -		$ -	40	$ 10,800.00
Subconsultant: Dikita	$ 95,000.00			1	$ 95,000.00		$ -		$ -		$ -	1	$ 95,000.00
Subconsultant: Groundswell Consulting, LLC	$ 12,000.00			1	$ 12,000.00		$ -		$ -		$ -	1	$ 12,000.00
Subtotal Reimbursable Exp.			$ 22,000.00		$ 107,000.00		$ -		$ -		$ -		$ 129,000.00
Total Contract Amount			**$ 326,682.14**		**$ 346,154.69**		**$ 214,437.52**		**$ 35,192.56**		**$ 75,377.03**		**$ 997,843.94**

* All reimbursable expenses provided under one task column

Consideration and Action to Approve The Selection of CMP And MTP Sub-Committee Members

Limited English Proficiency Plan

Rio Grande Valley Metropolitan Planning Organization

For the Rio Grande Valley Metropolitan Planning Area

ADOPTED:

Rio Grande Valley Metropolitan Planning Organization
510 S. Pleasantview Drive
Weslaco, TX 78596

Limited English Proficiency Plan
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INTRODUCTION

The purpose of the Limited English Proficiency Plan is to address the responsibilities of the Rio Grande Valley Metropolitan Planning Organization (RGVMPO) as a recipient of federal financial assistance as they relate to the needs of individuals with limited English proficiency skills. The plan was prepared in accordance to Title VI of the Civil Rights Act of 1964 which states:

> "No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity that receives Federal financial assistance."

Executive Order 13166

On August 11, 2000, President William J. Clinton signed an executive order, Executive Order 13166: Improving Access to Service for Persons with Limited English Proficiency, to clarify Title VI of the Civil Rights Act of 1964. The executive order identifies differential treatment towards those with the inability to speak, read, write, or understand English as a type of national origin discrimination. These individuals have been defined by Executive Order 13166 as persons with Limited English Proficiency (LEP), therefore are entitled to language assistance under Title VI of the Civil Rights Act of 1964 with respect to a particular type of service, benefit, or encounter.

Executive Order 13166 applies to all federal agencies and all programs and operations of entities that receive funding from the federal government, including state departments of transportation, metropolitan planning organizations (MPOs) including the Rio Grande Valley Metropolitan Planning Organization, regional transportation agencies, regional, state, and local transit operators. Federal financial assistance includes grants, cooperative agreements, training, use of equipment, donations of surplus property, and other assistance.

Plan Summary

The Rio Grande Valley Metropolitan Planning Organization (RGVMPO) has developed this Limited English Proficiency Plan to help identify reasonable steps for providing language assistance to persons with limited English proficiency (LEP) who wish to access services provided. As defined by Executive Order 13166, LEP persons are those who do not speak English as their primary language and have limited ability to read, speak, write or understand English. This plan outlines how to identify a person who may need language assistance, the ways in which assistance may be provided, staff training that may be required, and how to notify LEP persons that assistance is available.

In order to prepare this plan, the Rio Grande Valley Metropolitan Planning Organization used the four-factor LEP analysis which considers the following factors:

1. The number or proportion of LEP persons in the RGVMPO study area.
2. The frequency with which LEP persons come in contact with the Rio Grande Valley MPO staff.
3. The nature and importance of services provided by the Rio Grande Valley MPO to the LEP population.
4. The interpretation services available to the Rio Grande Valley MPO and overall cost to provide LEP assistance. A summary of the results of the four-factor analysis is in the following section.

FOUR-FACTOR ANALYSIS

This plan uses the recommended four-factor analysis of an individual assessment considering the four factors outlined above. The Rio Grande Valley Metropolitan Planning Organization (RGVMPO) has examined each of the following factors to determine the level and extent of language assistance measures required to sufficiently ensure meaningful access to the RGVMPO's resources. The RGVMPO based the recommendations on the results of the analysis.

Factor 1: The number or proportion of LEP persons in the study area who may be served by the Rio Grande Valley MPO.

The U.S. Census Bureau's American Community Survey has a range of four classifications of how well people speak English. The classifications are "very well and less than very well." For our planning purposes, we are considering people that speak English "less than very well" as Limited English Proficient persons. Furthermore, the data reflects the approximate LEP population within the lower Rio Grande Valley, which covers the RGVMPO study area and the surrounding rural areas within the county.

The RGVMPO staff reviewed the 2013-2017 American Community Survey and determined that an estimated 281,933 persons in Cameron County and 639,654 persons in Hidalgo County speak a language other than English. 27.1% of the population in Cameron County and 31.8% of the population in Hidalgo County have limited English proficiency; that is, they speak English "less than very well."

As presented in **Table 1** (page 5), of those persons with limited English proficiency within the Cameron County study area, 36.9% speak Spanish, 23.4% speak Indo-European (such as French, German, and Slavic) , 56.1% speak Asian or other Pacific Islander Languages (including Korean, Chinese, Vietnamese, and Tagalog), and 36.8% speak other languages at home. As for Hidalgo County, 37.9% speak Spanish, 17.5% speak Indo-European (such as French, German, and Slavic), 36% speak Asian or other Pacific Islander Languages (including Korean, Chinese, Vietnamese, and Tagalog), and 36.3% speak Other languages at home.

Table 1 - Language Spoken at Home in Cameron & Hidalgo Counties

Cameron County - Total Population (5 years and over): 384,007

	Spanish Language Spoken at Home	Indo-European Language Spoken at Home	Asian and Pacific Islander Language Spoken at Home	Other Language Spoken at Home
5-17 years old	61,979	224	117	98
18-64 years old	180,384	776	1,207	552
65 and older	36,088	302	187	19
Total	**278,451**	**1,302**	**1,511**	**669**
Percent of those who speak English "less than very well" (LEP)	**36.9%**	**23.4%**	**56.1%**	**36.8%**

Hidalgo County - Total Population (5 years and over): 759,143

	Spanish Language Spoken at Home	Indo-European Language Spoken at Home	Asian and Pacific Islander Language Spoken at Home	Other Language Spoken at Home
5-17 years old	157,717	251	800	18
18-64 years old	410,378	1,251	4,351	235
65 and older	63,543	624	309	177
Total	**631,638**	**2,126**	**5,460**	**430**
Percent of those who speak English "less than very well" (LEP)	**37.9%**	**17.5%**	**36%**	**36.3%**

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates (Appendix A)

Cameron County: https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF

Hidalgo County: https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF

Factor 2: The frequency with which LEP persons come in contact with the Rio Grande Valley MPO.

The RGVMPO has served as the Metropolitan Planning Organization for the transportation needs of the Rio Grande Valley Metropolitan Planning Area since 1993. Public meetings and workshops are held at the RGVMPO's office or in locations accessible by transit or bike routes, however efforts to accommodate multiple linear communities within the MPO boundary proves to be a challenge.

RGVMPO staff has noted frequent contact with LEP persons at public meetings, community outreach events, and in day to day activities. Additionally, there are many LEP persons who come into contact with RGVMPO partners, such as Valley Metro and the cities located within the RGVMPO study area.

Factor 3: The nature and importance of services provided by the Rio Grande Valley MPO to the LEP population.

The RGVMPO is responsible for the regional planning process for all modes of transportation and provides technical assistance to the local governments of Rio Grande Valley in planning, coordinating, and implementing transportation decisions for the area. However, the RGVMPO does not include any direct service or program that requires vital, immediate or emergency assistance, such as medical treatment or services for basic needs (like food or shelter).

As the agency responsible for administering all federal funds for urban transportation improvements within the urbanized area of Rio Grande Valley, the RGVMPO must make sure that all segments of the population, including LEP persons, have been involved or have had the opportunity to be involved with the planning process. The impact of proposed transportation investments on underserved and underrepresented population groups is part of the evaluation process for the use of federal funds in three major areas for the RGVMPO:

- Metropolitan Transportation Plan (MTP)
- Transportation Improvement Program (TIP)
- Unified Planning Work Program (UPWP)
- Multi-Modal Transportation Plan

Inclusive public participation is a priority in other RGVMPO plans, studies and programs as well. Transportation improvements resulting from these planning activities have an impact on all residents in the region. Understanding and continued involvement are highly encouraged throughout the process. The RGVMPO encourages input from all stakeholders, and every effort is taken to make the planning process as inclusive as possible.

As a result of the long-range transportation planning process, selected projects receive approval for federal funding and progress towards project planning and construction under the responsibility of local jurisdictions or state transportation agencies. These state and local organizations have additional policies to ensure LEP individuals can participate in the process that shapes where, how and when a specific transportation project is implemented.

Factor 4: The resources available to the Rio Grande Valley MPO, and overall cost to provide LEP assistance.

The RGVMPO currently uses capable and competent bilingual staff members for in-house translation of documents for Spanish-speaking LEP persons. Additionally, bilingual staff has been utilized for Spanish interpretation at public meetings and community outreach events. The use of in-house translation and interpretation services functions as a cost-effective approach to accommodate the Spanish LEP language group. Although cost-effective, the use of translation services outside the MPO are used when in-house translations are constrained by limited staff time.

The use of translation/interpretation services for LEP groups other than Spanish has yet to become necessary. However, shall the need arise for these services the RGVMPO will assess the costs to provide these services at an as-needed basis.

SAFE HARBOR STIPULATION

Federal law provides a "Safe Harbor" stipulation so that recipients can ensure with greater certainty that they comply with their obligations to provide written translations in languages other than English. A "safe harbor" means that if a recipient provides written translations in certain circumstances, such action will be considered strong evidence of compliance with the recipient's written-translation obligations under Title VI.

The failure to provide written translations under the circumstances does not mean there is noncompliance, but rather provides a guide for recipients that would like greater certainty of compliance than can be provided by a fact-intensive, four-factor analysis. For example, even if a safe harbor is not used, if written translation of a certain document(s) would be so burdensome as to defeat the legitimate objectives of its program, it is not necessary. Other ways of providing meaningful access, such as effective oral interpretation of certain vital documents, might be acceptable under such circumstances.

Strong evidence of compliance with the recipient's written-obligations under "safe harbor" includes providing written translations of vital documents for each eligible LEP language group that constitutes 5% or 1,000, whichever is less, of the population of persons eligible to be

served or likely to be affected or encountered. Translation of other documents, if needed, can be provided orally.

This safe harbor provision applies to the translation of written documents only. It does not affect the requirement to provide meaningful access to LEP individuals through competent oral interpreters where oral language services are needed and are reasonable.

Within the RGVMPO study area, approximately 27.1% of the total population in Cameron County and 31.8% percent of the total population in Hidalgo County are considered LEP. **See Appendix A**. Of the total LEP population, only one LEP language group, Spanish-speaking individuals, meets the population threshold for which written translations of vital documents can be provided to meet the safe harbor standard.

The remaining three LEP language groups located within the RGVMPO study area, however, do not constitute the 5% or 1,000 persons of population threshold for which written translations of vital documents can be provided meet the safe harbor standard. Based on the RGVMPO budget and the number of staff, it is deemed that written translations of core documents would be so burdensome as to defeat the legitimate objectives of our programs. It is more appropriate for the RGVMPO to proceed with oral interpretation options for compliance with LEP regulations for the remaining LEP language groups. **See Appendix A.**

LIMITED ENGLISH PROFICIENCY (LEP) IMPLEMENTATION PLAN

Based on the four-factor analysis above, the Rio Grande Valley Metropolitan Planning Organization has decided to implement a plan to meet requirements under Title VI of the Civil rights Act of 1964, which seeks to improve access to services for persons with Limited English Proficiency (LEP).

Identifying LEP Individuals

The four-factor analysis above indicates that a large proportion of LEP persons are Spanish-speaking. In comparison, the remaining language groups combined equal approximately 1% of LEP persons within the RGVMPO study area. All language assistance services for LEP individuals will be focused towards the Spanish-speaking LEP language group, however the RGVMPO will continue to assess the need for language assistance to other LEP language groups by:

- Posting a notice of the LEP Plan and the availability of interpretation or translation services free of charge in languages LEP person would understand.

- All RGVMPO staff will be provided with "I Speak" cards to assist in identifying the language interpretation needed if the occasion arises.
- All RGVMPO staff will be informally surveyed periodically on their experience concerning any contacts with LEP persons during the previous year.
- When the RGVMPO sponsors an informational meeting or event, an advanced public notice of the event should be published including special needs related to offering a translator (LEP) or interpreter (sign language for hearing impaired individuals).

Language Assistance Measures

Language measures currently used and planned to be used by the RGVMPO to address the needs of LEP persons include the following:

- Translation of vital documents in Spanish;
    - Metropolitan Transportation Plan
    - Transportation Improvement Program
    - Unified Planning Work Program
    - Title VI Complaint Form
    - Public Participation Plan
- Translation of meeting minutes for both Technical Advisory Committee (TAC) meetings and Transportation Policy Committee (TPC) meetings.
- Posting Spanish audio and PDFs of minutes from TAC and TPC meetings on RGVMPO website.
- Posting advertisements/public notices of public meetings in Spanish (includes posters, flyers, newspaper ads)
- Provide a Spanish version of all online surveys
- Providing Outreach literature in Spanish (includes brochures, pamphlets, handouts, etc)
- Translation of vital documents or other literature for other LEP language groups will be offered upon request at no cost
- Provide oral interpreter services at any meeting or public hearing, with advance notice of seven calendar days. Interpreter to include foreign language and the hearing impaired.
- Posting notices in appropriate languages informing LEP persons of available services on the RGVMPO website and other social media sites;
- Provide enhanced language translation capabilities on the RGVMPO website
- Prepare printed information on where to obtain language assistance to give or send to individuals, if necessary

Staff Training

In order to establish meaningful access to information and services for LEP individuals, staff that regularly interact with the public, and those who will serve as translators or interpreters, will be trained on the RGVMPO's LEP policies and procedures. Training will ensure that staff members are effectively able to work in person and/or by telephone with LEP individuals.

The following training will be provided to all staff:

- Information on the Title VI Policy and LEP responsibilities
- Description of language assistance services offered to the public.
- Use of the "I speak" cards
- Documentation of language assistance requests
- How to handle a potential Title VI/LEP complaint.

All contractors or subcontractors performing work for the RGVMPO will be required to follow the Title VI/LEP guidelines.

Providing Notice to LEP Persons

USDOT LEP guidance says:

"Once an agency has decided, based on the four factors, that it will provide language service, it is important that the recipient notify LEP persons of services available free of charge. Recipients should provide this notice in languages LEP persons would understand. "

The guidance provides several examples of notification including:

1. Signage when free language assistance is available with advance notice.
2. Stating in outreach documents that language services are available from the agency.
3. Working with community-based organizations and other stakeholders to inform LEP individual of the recipient's services, including the availability of language assistance services.
4. Including notices in local newspapers in languages other than English.
5. Providing notices on non-English-language radio and television states about the availably language assistance services and how to get them.
6. Providing presentations and/or notices at schools and religious organizations.

The RGVMPO will provide statements in public information and public notices, as outlined in our Public Participation Plan, that persons requiring language assistance or special accommodations will be provided, with reasonable advance notice to the MPO.

Monitoring and Updating the LEP Plan

The RGVMPO will update the LEP Plan as required. At a minimum, the plan will be reviewed and updated when new data from the U. S. Census becomes available, or when it is clear that higher concentrations of LEP individuals are present within the RGVMPO service area. Updates will include the following:

- The number of documented LEP person contacts encountered annually.
- How the needs of the LEP persons have been addressed.
- Determination of the current LEP population in the service area.
- Determination as to whether the need for translation services has changed.
- Determine whether local language assistance programs have been effective and sufficient to meet the need.
- Determine whether the RGVMPO's financial resources are sufficient to fund language assistance resources needed.
- Determine whether complaints have been received concerning the agency's failure to meet the needs of LEP individuals.
- Maintain a Title VI complaint log, including LEP to determine issues and basis of complaints.

DISSEMINATION OF THE RIO GRANDE VALLEY MPO LEP PLAN

The RGVMPO will provide access to the LEP Plan on its website at http://www.RGVMPO.org

Copies of the LEP Plan will be provided, on request, to any person(s) requesting the document via phone, in person, by mail or email. LEP persons may obtain copies/translations of the plan upon request. Any questions or comments regarding this plan should be directed to the Rio Grande Valley Metropolitan Planning Organization.

Rio Grande Valley Metropolitan Planning Organization
510 S. Pleasantview Drive
Weslaco, Texas 78596

Phone: 956-969-5778
Fax: 956-969-5821
Email: info@RGVMPO.org

Appendix A – U.S. Census Bureau 2013-2017 American Community Survey

Subject	Cameron County, Texas				
	Total		Percent		Percent of specified language speakers
					Speak English only or speak English "very well"
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population 5 years and over	384,007	+/-106	(X)	(X)	279,847
Speak only English	102,074	+/-2,885	26.6%	+/-0.8	(X)
Speak a language other than English	281,933	+/-2,882	73.4%	+/-0.8	177,773
SPEAK A LANGUAGE OTHER THAN ENGLISH					
Spanish	278,451	+/-2,954	72.5%	+/-0.8	175,690
5 to 17 years old	61,979	+/-1,130	16.1%	+/-0.3	49,700
18 to 64 years old	180,384	+/-2,290	47.0%	+/-0.6	113,334
65 years old and over	36,088	+/-504	9.4%	+/-0.1	12,656
Other Indo-European languages	1,302	+/-320	0.3%	+/-0.1	997
5 to 17 years old	224	+/-140	0.1%	+/-0.1	207
18 to 64 years old	776	+/-214	0.2%	+/-0.1	552
65 years old and over	302	+/-120	0.1%	+/-0.1	238
Asian and Pacific Island languages	1,511	+/-321	0.4%	+/-0.1	663
5 to 17 years old	117	+/-83	0.0%	+/-0.1	92
18 to 64 years old	1,207	+/-281	0.3%	+/-0.1	488
65 years old and over	187	+/-98	0.0%	+/-0.1	83
Other languages	669	+/-276	0.2%	+/-0.1	423
5 to 17 years old	98	+/-81	0.0%	+/-0.1	26
18 to 64 years old	552	+/-254	0.1%	+/-0.1	378
65 years old and over	19	+/-38	0.0%	+/-0.1	19
CITIZENS 18 YEARS AND OVER					
All citizens 18 years old and over	224,981	+/-2,467	(X)	(X)	181,613
Speak only English	65,160	+/-2,336	29.0%	+/-1.0	(X)
Speak a language other than English	159,821	+/-2,677	71.0%	+/-1.0	116,453
Spanish	157,889	+/-2,641	70.2%	+/-1.0	115,053
Other languages	1,932	+/-329	0.9%	+/-0.1	1,400

Subject	Cameron County, Texas				
	Percent of specified language speakers				
	Speak English only or speak English "very well"	Percent speak English only or speak English "very well"		Speak English less than "very well"	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population 5 years and over	+/-2,836	72.9%	+/-0.7	104,160	+/-2,861
Speak only English	(X)	(X)	(X)	(X)	(X)
Speak a language other than English	+/-3,182	63.1%	+/-0.9	104,160	+/-2,861
SPEAK A LANGUAGE OTHER THAN ENGLISH					
Spanish	+/-3,163	63.1%	+/-0.9	102,761	+/-2,867
5 to 17 years old	+/-1,499	80.2%	+/-1.8	12,279	+/-1,076
18 to 64 years old	+/-2,465	62.8%	+/-1.2	67,050	+/-2,384
65 years old and over	+/-743	35.1%	+/-2.0	23,432	+/-757
Other Indo-European languages	+/-278	76.6%	+/-9.7	305	+/-143
5 to 17 years old	+/-136	92.4%	+/-9.1	17	+/-18
18 to 64 years old	+/-155	71.1%	+/-14.1	224	+/-141
65 years old and over	+/-113	78.8%	+/-13.4	64	+/-42
Asian and Pacific Island languages	+/-187	43.9%	+/-12.3	848	+/-299
5 to 17 years old	+/-76	78.6%	+/-30.7	25	+/-38
18 to 64 years old	+/-153	40.4%	+/-13.6	719	+/-277
65 years old and over	+/-59	44.4%	+/-22.5	104	+/-68
Other languages	+/-218	63.2%	+/-15.8	246	+/-130
5 to 17 years old	+/-33	26.5%	+/-23.0	72	+/-60
18 to 64 years old	+/-211	68.5%	+/-16.3	174	+/-102
65 years old and over	+/-38	100.0%	+/-75.5	0	+/-31
CITIZENS 18 YEARS AND OVER					
All citizens 18 years old and over	+/-2,538	80.7%	+/-0.6	43,368	+/-1,471
Speak only English	(X)	(X)	(X)	(X)	(X)
Speak a language other than English	+/-2,417	72.9%	+/-0.8	43,368	+/-1,471
Spanish	+/-2,369	72.9%	+/-0.8	42,836	+/-1,436
Other languages	+/-275	72.5%	+/-9.9	532	+/-227

Subject	Cameron County, Texas	
	Percent of specified language speakers	
	Percent speak English less than "very well"	
	Estimate	Margin of Error
Population 5 years and over	27.1%	+/-0.7
Speak only English	(X)	(X)
Speak a language other than English	36.9%	+/-0.9
SPEAK A LANGUAGE OTHER THAN ENGLISH		
Spanish	36.9%	+/-0.9
5 to 17 years old	19.8%	+/-1.8
18 to 64 years old	37.2%	+/-1.2
65 years old and over	64.9%	+/-2.0
Other Indo-European languages	23.4%	+/-9.7
5 to 17 years old	7.6%	+/-9.1
18 to 64 years old	28.9%	+/-14.1
65 years old and over	21.2%	+/-13.4
Asian and Pacific Island languages	56.1%	+/-12.3
5 to 17 years old	21.4%	+/-30.7
18 to 64 years old	59.6%	+/-13.6
65 years old and over	55.6%	+/-22.5
Other languages	36.8%	+/-15.8
5 to 17 years old	73.5%	+/-23.0
18 to 64 years old	31.5%	+/-16.3
65 years old and over	0.0%	+/-75.5
CITIZENS 18 YEARS AND OVER		
All citizens 18 years old and over	19.3%	+/-0.6
Speak only English	(X)	(X)
Speak a language other than English	27.1%	+/-0.8
Spanish	27.1%	+/-0.8
Other languages	27.5%	+/-9.9

Subject	Hidalgo County, Texas				
	Total		Percent		Percent of specified language speakers
					Speak English only or speak English "very well"
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population 5 years and over	759,143	+/-151	(X)	(X)	517,524
Speak only English	119,489	+/-3,072	15.7%	+/-0.4	(X)
Speak a language other than English	639,654	+/-3,053	84.3%	+/-0.4	398,035
SPEAK A LANGUAGE OTHER THAN ENGLISH					
Spanish	631,638	+/-3,045	83.2%	+/-0.4	392,512
5 to 17 years old	157,717	+/-2,036	20.8%	+/-0.3	123,258
18 to 64 years old	410,378	+/-1,814	54.1%	+/-0.2	250,323
65 years old and over	63,543	+/-488	8.4%	+/-0.1	18,931
Other Indo-European languages	2,126	+/-490	0.3%	+/-0.1	1,755
5 to 17 years old	251	+/-197	0.0%	+/-0.1	235
18 to 64 years old	1,251	+/-344	0.2%	+/-0.1	1,035
65 years old and over	624	+/-201	0.1%	+/-0.1	485
Asian and Pacific Island languages	5,460	+/-453	0.7%	+/-0.1	3,494
5 to 17 years old	800	+/-270	0.1%	+/-0.1	525
18 to 64 years old	4,351	+/-303	0.6%	+/-0.1	2,821
65 years old and over	309	+/-108	0.0%	+/-0.1	148
Other languages	430	+/-224	0.1%	+/-0.1	274
5 to 17 years old	18	+/-29	0.0%	+/-0.1	18
18 to 64 years old	235	+/-143	0.0%	+/-0.1	166
65 years old and over	177	+/-104	0.0%	+/-0.1	90
CITIZENS 18 YEARS AND OVER					
All citizens 18 years old and over	403,944	+/-3,847	(X)	(X)	318,569
Speak only English	73,294	+/-1,725	18.1%	+/-0.4	(X)
Speak a language other than English	330,650	+/-3,569	81.9%	+/-0.4	245,275
Spanish	326,408	+/-3,553	80.8%	+/-0.4	242,052
Other languages	4,242	+/-453	1.1%	+/-0.1	3,223

Subject	Hidalgo County, Texas				
	Percent of specified language speakers				
	Speak English only or speak English "very well"	Percent speak English only or speak English "very well"		Speak English less than "very well"	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population 5 years and over	+/-4,632	68.2%	+/-0.6	241,619	+/-4,625
Speak only English	(X)	(X)	(X)	(X)	(X)
Speak a language other than English	+/-4,647	62.2%	+/-0.7	241,619	+/-4,625
SPEAK A LANGUAGE OTHER THAN ENGLISH					
Spanish	+/-4,630	62.1%	+/-0.7	239,126	+/-4,587
5 to 17 years old	+/-2,493	78.2%	+/-1.2	34,459	+/-1,972
18 to 64 years old	+/-3,356	61.0%	+/-0.8	160,055	+/-3,353
65 years old and over	+/-817	29.8%	+/-1.3	44,612	+/-879
Other Indo-European languages	+/-449	82.5%	+/-7.9	371	+/-183
5 to 17 years old	+/-194	93.6%	+/-10.3	16	+/-27
18 to 64 years old	+/-305	82.7%	+/-8.6	216	+/-121
65 years old and over	+/-192	77.7%	+/-17.4	139	+/-118
Asian and Pacific Island languages	+/-442	64.0%	+/-6.0	1,966	+/-360
5 to 17 years old	+/-217	65.6%	+/-19.0	275	+/-188
18 to 64 years old	+/-324	64.8%	+/-5.9	1,530	+/-276
65 years old and over	+/-113	47.9%	+/-28.3	161	+/-94
Other languages	+/-169	63.7%	+/-16.8	156	+/-97
5 to 17 years old	+/-29	100.0%	+/-77.5	0	+/-31
18 to 64 years old	+/-121	70.6%	+/-27.5	69	+/-69
65 years old and over	+/-74	50.8%	+/-29.0	87	+/-69
CITIZENS 18 YEARS AND OVER					
All citizens 18 years old and over	+/-4,022	78.9%	+/-0.6	85,375	+/-2,410
Speak only English	(X)	(X)	(X)	(X)	(X)
Speak a language other than English	+/-3,744	74.2%	+/-0.7	85,375	+/-2,410
Spanish	+/-3,724	74.2%	+/-0.7	84,356	+/-2,368
Other languages	+/-413	76.0%	+/-5.6	1,019	+/-265

Subject	Hidalgo County, Texas	
	Percent of specified language speakers	
	Percent speak English less than "very well"	
	Estimate	Margin of Error
Population 5 years and over	31.8%	+/-0.6
Speak only English	(X)	(X)
Speak a language other than English	37.8%	+/-0.7
SPEAK A LANGUAGE OTHER THAN ENGLISH		
Spanish	37.9%	+/-0.7
5 to 17 years old	21.8%	+/-1.2
18 to 64 years old	39.0%	+/-0.8
65 years old and over	70.2%	+/-1.3
Other Indo-European languages	17.5%	+/-7.9
5 to 17 years old	6.4%	+/-10.3
18 to 64 years old	17.3%	+/-8.6
65 years old and over	22.3%	+/-17.4
Asian and Pacific Island languages	36.0%	+/-6.0
5 to 17 years old	34.4%	+/-19.0
18 to 64 years old	35.2%	+/-5.9
65 years old and over	52.1%	+/-28.3
Other languages	36.3%	+/-16.8
5 to 17 years old	0.0%	+/-77.5
18 to 64 years old	29.4%	+/-27.5
65 years old and over	49.2%	+/-29.0
CITIZENS 18 YEARS AND OVER		
All citizens 18 years old and over	21.1%	+/-0.6
Speak only English	(X)	(X)
Speak a language other than English	25.8%	+/-0.7
Spanish	25.8%	+/-0.7
Other languages	24.0%	+/-5.6

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using 2013 data or multi-year data containing data from 2013. For more information, see: Language User Note.

While the 2013-2017 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Appendix B – Title VI Complaint Form

TITLE VI COMPLAINT FORM

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

HOME TELEPHONE NO: (_____) _____

WORK TELEPHONE NO: (_____) _____

WERE YOU DISCRIMINATED AGAINST BECAUSE OF:

[ ] RACE [ ] NATIONAL ORIGIN
[ ] COLOR
[ ] OTHER _____

DATE OF ALLEGED INCIDENT: _____

EXPLAIN AS CLEARLY AS POSSIBLE WHAT HAPPENED AND HOW YOU WERE DISCRIMINATED AGAINST. INDICATE WHO WAS INVOLVED. BE SURE TO INCLUDE NAMES AND CONTACT INFORMATION OF ANY WITNESSES. IF MORE SPACE IS NEEDED PLEASE USE THE BACK OF THE FORM.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

_____

_____

HAVE YOU FILED THIS COMPLAINT WITH ANY OTHER FEDERAL, STATE, OR LOCAL AGENCY; OR WITH ANY FEDERAL OR STATE COURT?_____ YES _____NO

IF YES, CHECK ALL THAT APPLY:

_____ FEDERAL AGENCY _____ FEDERAL COURT _____ STATE AGENCY _____ STATE COURT

_____ LOCAL AGENCY

PLEASE PROVIDE INFORMATION ABOUT A CONTACT PERSON AT THE AGENCY/COURT WHERE THE COMPLAINT WAS FILED.

NAME_____

ADDRESS_____

CITY, STATE, AND ZIP CODE _____

TELEPHONE NUMBER_____

PLEASE SIGN BELOW. YOU MAY ATTACH ANY WRITTEN MATERIALS OR OTHER INFORMATION THAT YOU THINK IS RELEVANT TO YOUR COMPLAINT.

_____ _____

SIGNATURE DATE

PLEASE MAIL THIS FORM TO:

RIO GRANDE VALLEY METROPOLITAN PLANNING ORGANIZATION

510 S. PLEASANTVIEW DRIVE

WESLACO, TEXAS 78596

FORMA PARA QUEJA DE TITULO VI

Nombre: _____

Dirección: _____

Ciudad: _____ Estado: _____ Código Postal: _____

Teléfono de Residencia: ( ) _____

Teléfono del Trabajo: ( ) _____

Usted fue discriminado en base a su:

[ ] Raza [ ] Origen de Nacionalidad

[ ] Color

[ ] Otro _____

Fecha del Incidente Indicado: _____

Explique lo más claramente posible lo que paso y como fue que se le discriminó. Indique quién estuvo involucrado. Asegúrese de incluír los nombres e información para contactar a los testigos. Si necesita más espacio, por favor utilice la parte de atrás de esta forma.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Ha presentado una queja con cualquier otra agencia federal, estatal o local, o con cualquier otra corte federal o estatal? _____ Si _____ No

Si contesto que sí, cheque todas las que apliquen:

_____ Agencia Federal _____ Corte Federal _____ Agencia Estatal _____ Corte Estatal

_____ Agencia Local

Por favor proporcione la información sobre la persona contactada en la agencia/corte en donde presentó su queja:

Nombre _____

Dirección _____

Ciudad, Estado, Código Postal _____

Número de Teléfono _____

Por favor firme abajo. Puede incluír cualquier material por escrito o cualquier otra información que usted cree es relevante para su queja.

_____ _____

Firma Fecha

POR FAVOR ENVIE ESTA FORMA A:

ORGNAIZACION DE PLANEACION METROPOLITANA DEL CONDADO DE HIDALGO

510 S. PLEASANTVIEW DRIVE

WESLACO, TX 78596

Appendix C – Title VI Non-Discrimination Policy Statement

THE RIO GRANDE VALLEY METROPOLITAN PLANNING ORGANIZATION IS COMMITTED TO ENSURING THAT NO PERSON IS EXCLUDED FROM PARTICIPATION IN, OR DENIED THE BENEFITS OF, OR BE SUBJECTED TO DISCRIMINATION IN THE RECEIPT OF ITS SERVICES OR PROGRAMS ON THE BASIS OF RACE, COLOR OR NATIONAL ORIGIN OR ANY OTHER CHARACTERISTICS PROTECTED BY LAW, INCLUDING TITLE I OF THE CIVIL RIGHTS ACT OF 1964, AS AMENDED. FURTHER, UNDER THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, NO ENTITY SHALL DISCRIMINATE AGAINST AN INDIVIDUAL WITH A PHYSICAL OR MENTAL DISABILITY IN CONNECTION WITH THE PROVISION OF TRANSPORTATION SERVICE.

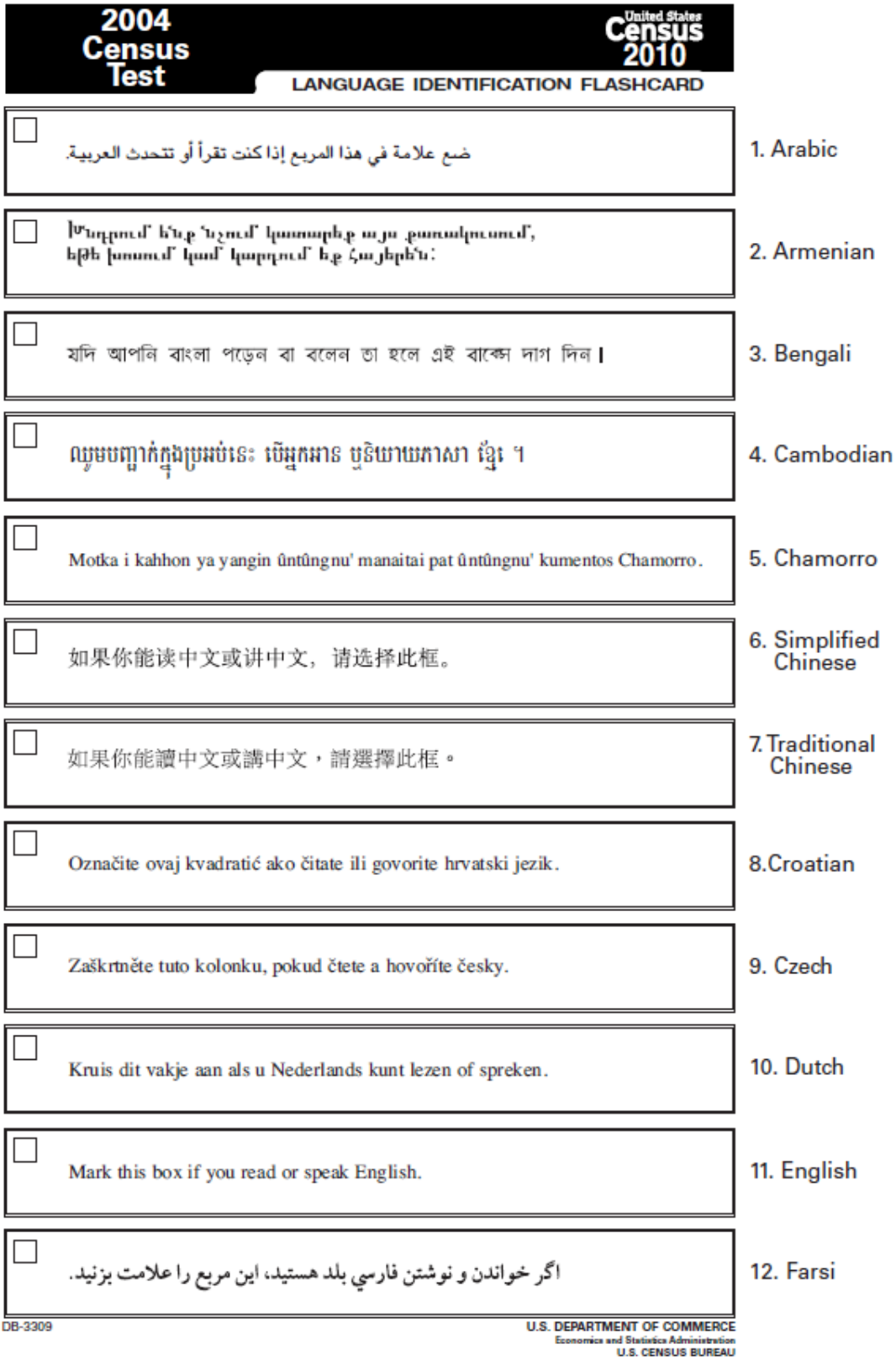
To obtain more information on the Rio Grande Valley Metropolitan Planning Organization's nondiscrimination obligations or to file a Title VI complaint, contact:

RIO GRANDE VALLEY METROPOLITAN PLANNING ORGANIZATION
510 S. PLEASANTVIEW DRIVE
WESLACO, TEXAS 78596

You may file a written complaint no later than 180 calendar days after the date of the alleged discrimination.

Information on non-English alternative formats may be obtained from the Rio Grande Valley Metropolitan Planning Organization Office.

Appendix D – "I Speak" Identification Cards


2004 Census Test
United States Census 2010
LANGUAGE IDENTIFICATION FLASHCARD
ضع علامة في هذا المربع إذا كنت تقرأ أو تتحدث العربية.
1. Arabic
Խնդրում ենք նշում կատարել այս քառակուսում, եթե խոսում կամ կարդում եք հայերեն:
2. Armenian
যদি আপনি বাংলা পড়েন বা বলেন তা হলে এই বাক্সে দাগ দিন।
3. Bengali
ឈូមបញ្ជាក់ក្នុងប្រអប់នេះ បើអ្នកអាន ឬនិយាយភាសា ខ្មែរ។
4. Cambodian
Motka i kahhon ya yangin ûntûngnu' manaitai pat ûntûngnu' kumentos Chamorro.
5. Chamorro
如果你能读中文或讲中文，请选择此框。
6. Simplified Chinese
如果你能讀中文或講中文，請選擇此框。
7. Traditional Chinese
Označite ovaj kvadratić ako čitate ili govorite hrvatski jezik.
8.Croatian
Zaškrtněte tuto kolonku, pokud čtete a hovoříte česky.
9. Czech
Kruis dit vakje aan als u Nederlands kunt lezen of spreken.
10. Dutch
Mark this box if you read or speak English.
11. English
اگر خواندن و نوشتن فارسي بلد هستيد، اين مربع را علامت بزنيد.
12. Farsi
DB-3309
U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

☐ Cocher ici si vous lisez ou parlez le français.	13. French
☐ Kreuzen Sie dieses Kästchen an, wenn Sie Deutsch lesen oder sprechen.	14. German
☐ Σημειώστε αυτό το πλαίσιο αν διαβάζετε ή μιλάτε Ελληνικά.	15. Greek
☐ Make kazye sa a si ou li oswa ou pale kreyòl ayisyen.	16. Haitian Creole
☐ अगर आप हिन्दी बोलते या पढ़ सकते हों तो इस बक्स पर चिह्न लगाएँ।	17. Hindi
☐ Kos lub voj no yog koj paub twm thiab hais lus Hmoob.	18. Hmong
☐ Jelölje meg ezt a kockát, ha megérti vagy beszéli a magyar nyelvet.	19. Hungarian
☐ Markaam daytoy nga kahon no makabasa wenno makasaoka iti Ilocano.	20. Ilocano
☐ Marchi questa casella se legge o parla italiano.	21. Italian
☐ 日本語を読んだり、話せる場合はここに印を付けてください。	22. Japanese
☐ 한국어를 읽거나 말할 수 있으면 이 칸에 표시하십시오.	23. Korean
☐ ໃຫ້ໝາຍໃສ່ຊ່ອງນີ້ ຖ້າທ່ານອ່ານຫຼືປາກພາສາລາວ.	24. Laotian
☐ Prosimy o zaznaczenie tego kwadratu, jeżeli posługuje się Pan/Pani językiem polskim.	25. Polish

DB-3309

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

☐ Assinale este quadrado se você lê ou fala português.	26. Portuguese
☐ Înseminaţi această căsuţă dacă citiţi sau vorbiţi româneşte.	27. Romanian
☐ Пометьте этот квадратик, если вы читаете или говорите по-русски.	28. Russian
☐ Обележите овај квадратић уколико читате или говорите српски језик.	29. Serbian
☐ Označte tento štvorček, ak viete čítať alebo hovoriť po slovensky.	30. Slovak
☐ Marque esta casilla si lee o habla español.	31. Spanish
☐ Markahan itong kuwadrado kung kayo ay marunong magbasa o magsalita ng Tagalog.	32. Tagalog
☐ ให้กาเครื่องหมายลงในช่องถ้าท่านอ่านหรือพูดภาษาไทย.	33. Thai
☐ Maaka 'i he puha ni kapau 'oku ke lau pe lea fakatonga.	34. Tongan
☐ Відмітьте цю клітинку, якщо ви читаєте або говорите українською мовою.	35. Ukranian
☐ اگر آپ اردو پڑھتے یا بولتے ہیں تو اس خانے میں نشان لگائیں۔	36. Urdu
☐ Xin đánh dấu vào ô này nếu quý vị biết đọc và nói được Việt Ngữ.	37. Vietnamese
☐ באצייכנט דעם קעסטל אויב איר לייענט אדער רעדט אידיש.	38. Yiddish

DB-3309 U.S. DEPARTMENT OF COMMERCE

Rio Grande Valley Metropolitan Planning Organization

Title VI Complaint Procedures

The Rio Grande Valley Metropolitan Planning Organization (MPO), as a recipient of federal financial assistance and under the Title VI of the Civil Rights Act of 1964 and related statues, ensures that no person shall, on the grounds of race, religion, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any agency programs or activities. These prohibitions extend from the MPO, as a direct recipient of federal financial assistance, to its sub-recipients (e.g., contractors, consultants, local governments, colleges, universities, etc.). All programs funded in whole or in part from federal financial assistance are subject to Title VI requirements. The Civil Rights Restoration Act of 1987 extended this to all programs within an agency that receives federal assistance regardless of the funding source for individual programs.

This policy is intended to establish a procedure under which complaints alleging discrimination in the MPO's provisions, services, or activities can be made by persons who are not employees of the MPO.

Any Person who believes the MPO, or any entity who receives federal financial assistance from or through the MPO (i.e., sub-recipients, sub-contractors, or sub-grantees), has subjected them or any specific class of individuals to unlawful discrimination may file a complaint of discrimination.

The MPO will follow timelines set forth in guidance from the Department of Transportation, the Federal Highway Administration, Federal Transit Administration, and the Department of Justice for processing Title VI discrimination complaints.

When to File

A complaint of discrimination must be filed within 180 calendar days of the alleged act of Discrimination, or discovery thereof; or where there has been a continuing course of conduct, the date on which that conduct was discontinued. Filing means a written complaint must be postmarked before the expiration of the 180-day period.

The filing date is the day you complete, sign, and mail the complaint form. The complaint form and consent/release form must be dated and signed for acceptance.

Complaints received more than 180 days after the alleged discrimination will not be processed and will be returned to the complainant with a letter explaining why the complaint could not be processed and alternative agencies to which a report may be made.

Where to file

In order to be processed, signed original complaint forms must be mailed or hand delivered to:

Rio Grande Valley Metropolitan Planning Organization

ATTN: Title VI Coordinator

510 South Pleasantview Drive

Weslaco, Texas 78596

Upon request, reasonable accommodations may be made for persons who are unable to complete the complaint form due to disability or limited-English proficiency. A complaint may be filed by a representative on behalf of a complainant.

Persons not satisfied with the findings of the MPO may seek remedy from other applicable state or federal agencies.

Required Elements of a Complaint

In order to be processed, a complaint must be in writing and contain the following information:

- Name, address, and phone number of the complainant
- Name(s) and address(es) and business(es)/organization(s) of person(s) who allegedly discriminated
- Date of alleged discriminatory act(s)
- Basis of complaint: i.e. race, color, national origin, sex, age, religion, or disability
- A statement of complaint
- Signed consent release form

Incomplete Complaints

Upon initial review of the complaint, MPO staff will ensure that the form is complete and that any initial supporting documentation is provided. Should any deficiencies be found, MPO staff will notify the complainant within 10 working days. If reasonable efforts to reach the complainant are unsuccessful or If the complainant does not respond within the time specified in the request (30 days), the recipient may close the complainant's file.

The complainant may resubmit the complaint provided if it is filed within the original 180-day period.

Should the complaint be closed due to lack of required information, MPO staff will notify the complainant at their last known address. In the event the complainant submits the missing information after the file has been closed, the complaint may be reopened provided it has not been more than 180 days since the date of the alleged discrimination.

Records of Complaints

MPO staff will maintain a record of all complaints received. The information collected may include:

- Basic information about the complaint: when it was filed, who filed it, and who it was against
- A description of the alleged discriminatory action
- Findings of the investigation

Complaint Process Overview

The following is a description of how a discrimination complaint will be handled once received by the Rio Grande Valley Metropolitan Planning Organization (MPO)

1. **A complaint is received by the MPO:**

Complaints must be in writing and signed by the complainant or their designated representative. If the complainant is unable to complete the form in writing due to disability or limited-English proficiency, upon request reasonable accommodations may be made to ensure the complaint is received and processed.

Complainants wishing to file a complaint but do not have access to the internet or the ability to pick up a form, a complaint form will be mailed to them for completion.

The complainant will be notified If the complaint form we receive is incomplete and ask that they furnish the missing information.

2. Complaint is logged into tracking database:

Completed complaint forms will be logged and tracked. Basic data will be maintained on each complaint received.

3. Determine jurisdiction:

MPO Staff will complete an initial review of the complaint. The purpose of this review is to determine if the complaint meets basic criteria.

Basic criteria required for a complete complaint – alleged discrimination is due to race, religion, color, national origin, sex, age or disability.

Timeliness will be determined to ensure that the complaint was filed within the 180 day time requirement.

The program in which the alleged discrimination occurred will be examined to ensure that the complaint was filed with the appropriate agency. During this process, if a determination is made in which the program or activity that the alleged discrimination occurred is not related to a MPO program or activity, every attempt will be made to establish the correct agency. When possible and with consent granted on the Consent/Release form, the complaint will be forwarded Initial written notice to complainant:

4. Initial written notice to complainant:

Within 10 working days in receipt of the complaint, the MPO will issue the complaint a confirmation receipt of the complaint.

If needed, the notice may request additional information, may notify complainant that the activity is not related to MPO program or activity, or complaint does not meet deadline requirements. Conclusions made in step three will determine the appropriate response to the complaint.

5. Investigation of complaint:

MPO staff will determine the appropriate fact finding process to ensure that all available information is collected in an effort to reach an informed conclusion and resolution of the complaint. The type of investigation techniques used may vary depending on the nature and circumstances of the alleged discrimination. An investigation may include but is not limited to:

- Internal meetings with MPO staff and legal counsel
- Consultation with state and federal agencies

- Interviews of complainant(s)
- Review of documentation (i.e., planning, public involvement, and technical program activities)
- Interviews and review of documentation with other agencies involved
- Review of technical analysis methods
- Review of demographic data

6. Determination of investigation:

An investigation must be completed within 60 days of receiving the compete complaint, unless the facts and circumstances warrant otherwise.

A determination will be made based on information obtained.

MPO staff and/or designee will render a recommendation for action, including formal and/or informal resolution strategies in a report of findings to the Transportation Policy Committee.

7. Notification of determination:

Within 10 days of completing the investigation, the complainant will be notified by the MPO Transportation Planning Director of the final decision.

The notification will include appeal rights with state and federal agencies should dissatisfaction with the final decision exist.

A copy of this letter, along with the report of findings, will be forwarded to the Texas Department of Transportation, Office of Civil Rights Contract Compliance Section for information purposes.

Rio Grande Valley Metropolitan Planning Organization

Title VI

Discrimination Complaint Consent/Release Form

Please read all information carefully before you begin to complete form.

First Name	MI	Last Name

Street Address	City	State	Zip

As a complainant, I understand that in the course of an investigation it may become necessary for the MPO to reveal my identity to person at the organization or institution under investigation. I am also aware of the obligations of the MPO to honor request under the Freedom of Information Act. I understand that as a complaint I am protected from retaliation for having taken action or participated in action to secure rights protected by nondiscrimination statutes and regulations which are enforced by the Federal Highway Administration (FHWA) of the U.S Department of Transportation.

Please check one:

☐ **I CONSENT** and authorize the MPO, as part of its investigation, to reveal my identity to persons at the organization, business, or institution which has been identified by me in my formal complaint of discrimination. I also authorize the MPO to discuss, receive and review materials and information about me from the same and with appropriate administrators or witnesses for the purpose of investigating this complaint. In doing so, I have read and understand the information at the beginning of this form. I also understand that the material and information received will be used for authorized civil rights compliance activities only. I further understand that I am not required to authorize this release and do so voluntarily.

☐ **I DENY CONSENT** to have the MPO reveal my identity to persons at the organization, business or institution under investigation. I also deny consent to have the MPO disclose any information contained in the complaint with any witnesses I have mentioned in the complaint. In doing so, I understand that I am not authorizing the MPO to discuss, receive, nor review any materials and information about me from the same. In doing so, I have read and understand the information at the beginning of this form. I further understand that my decision to deny consent may impede this investigation and may result in the unsuccessful resolution of my case.

Signature	Date

Rio Grande Valley Metropolitan Planning Organization

Discrimination Complaint Form

The Rio Grande Valley Metropolitan Planning Organization (MPO), as a recipient of federal financial assistance and under the Title VI of the Civil Rights Act of 1964 and related statutes, ensures that no person shall, on the grounds of race, religion, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any agency programs or activities. These prohibitions extend from the MPO, as a direct recipient of federal financial assistance, to its sub-recipients (e.g., contractors, consultants, local governments, colleges, universities, etc.). All programs funded in whole or in part from federal financial assistance are subject to Title VI requirements. The Civil Rights Restoration Act of 1987 extended this to all programs within an agency that receives federal assistance regardless of the funding source for individual programs.

Upon request, reasonable accommodations may be made for persons who are unable to complete the complaint form due to disability or limited-English proficiency. A complaint may be filed by a representative on behalf of a complainant. The complaint must be ***filed*** no later than 180 calendar days from the most recent date of the alleged discrimination. The ***filing date*** is the day you complete, sign, and mail this complaint form. The complaint form and consent/release form must be dated and signed for acceptance. You have 30 calendar days to respond to any written request for additional information. Failure to do so will result in the closure of the complaint. For assistance call (956) 969-5778 or Submit signed original forms by mail or deliver to:

Rio Grande Valley Metropolitan Planning Organization

ATTN: Title VI Coordinator

510 South Pleasantview Drive

Weslaco, Texas 78596

Please read all information carefully before you begin to complete form.

_____ _____ _____

First Name MI Last Name

_____ _____ _____ _____

Street Address City State Zip

_____ _____

Telephone Number E-mail Address

Who do you believe discriminated against you?

_____ _____ _____

First Name MI Last Name

_____ _____

Name of Business/Organization Position/Title

_____ _____ _____ _____

Street Address City State Zip

When did the alleged act(s) of discrimination occur? List all dates in mm/dd/yyyy format.

_____

Is the alleged discrimination ongoing? ☐ Yes ☐ No

Where (location) did the alleged act(s) of discrimination occur? *Attach additional pages as needed.*

_____

_____

_____

_____

_____

_____

_____

Indicate the basis of your discrimination grievance.

☐ Race ☐ Color ☐ Religion ☐ Sex ☐ Age ☐ Disability ☐ National Origin

In the space below, provide the following information (attach additional pages as needed):

- Describe in detail the specific incident(s) that is the basis(es) of the alleged discrimination.
- Describe each incident of discrimination separately.
- Explain how other persons were treated differently by the person/agency who discriminated against you.
- List and identify witness(es) to the incidents or persons who have personal knowledge to information regarding to your complaint.

_____

_____

_____

Have you reported this incident or related acts of discrimination? ☐ Yes ☐ No

If so, please identify to whom you have made the report, the date on which you made the report, and the resolution. Provide/attach any supporting documentation.

_____

_____

_____

If assisted with the complaint process, please provide your advisor's name/contact information.

_____ _____ _____

First Name MI Last Name

_____ _____ _____

Name of Business/Organization Position/Title Telephone Number

_____ _____ _____ _____

Street Address City State Zip

Please sign and date this complaint in order for us to address your allegations. The Discrimination Complaint Consent/Release Form is attached and must also be completed in order to assist us with our investigation. If you are filing a complaint of discrimination on behalf of another person, we will need the person's consent.

I certify that to the best of my knowledge the information I have provided is accurate and the events and circumstances are as I have described them. I also understand that if I will be assisted by an advisor, my signature below authorizes the named individual to receive copies of relevant correspondence regarding the complaint and to accompany me during the investigation.

_____ _____

Signature Date

Title VI and Related Statutes
Nondiscrimination Statement

The Rio Grande Valley Metropolitan Planning Organization, as a recipient of Federal financial assistance and under Title VI of the Civil Rights Act of 1964 and related statutes, ensures that no person shall on the grounds of race, religion, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any Department programs and activities.

_____

Executive Director

Rio Grande Valley Metropolitan Planning Organization

Standard DOT Title VI Assurances

The Rio Grande Valley Metropolitan Planning Organization (hereinafter referred to as the "Recipient") HEREBY AGREES THAT as a condition to receiving any Federal financial assistance from the Department of Transportation it will comply with Title VI of the Civil Rights Acts of 1964, 78 Stat. 252, 42 U.S.C. 2000d-42 U.S.C. 2000d-4 (hereinafter referred to as the Act), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the Regulation) and other pertinent directives, to the end that in accordance with the Act, Regulations, and other pertinent directives, no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be dined the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the Department of Transportation, include the Texas Department of Transportation, and HEREBY GIVES ASSURANCE THAT it will promptly take any measures necessary to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations, a copy of which is attached.

More specifically and without limiting the above general assurance, the Recipient hereby gives the following specific assurances with respect to the programs administered by the Recipient.

1. That the Recipient agrees that each "program" and each "facility" as defined in subsections 21.23(e) and 21.23(b) of the Regulations, will be (with regard to a "program") conducted, or will be (with regard to a "facility") operated in compliance with all requirements imposed by, or pursuant to, the Regulations.

2. That the Recipient shall insert the following notification in all solicitations for bids for work or material subject to the Regulations and make in connection with all programs administered by the Recipient and, in adapted form in all proposals for negotiated agreements:

   The Recipient, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

3. That the Recipient shall insert the clause of Appendix A of this assurance in every contract subject to the Act and the Regulations

4. That the Recipient shall insert the clauses of Appendix B of this assurance, as a covenant running with the land, in any deed from the United States affecting a transfer of real property, structures, or improvements thereon, or interest therein.

5. That where the Recipient receives Federal Financial assistance to construct a facility, or part of a facility, the assurance shall extend to the entire facility and facilities operated in connection therewith.

6. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the assurance shall extend to rights to space on, over, or under such property.

7. That the Recipient shall include the appropriate clause set forth in Appendix C of this assurance as a covenant running with the land, in any future deeds, leases permits, licenses and similar agreements entered into by the Recipient with other parties: (a) for the subsequent transfer of real property acquired or improved under the programs administered by the Recipient; and (b) for the construction or use of or access to space on, over, or under real property acquired or improved under the programs administered by the Recipient.

8. That this assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures, or improvements thereon, in which case the assurance obligates the Recipient or any transferee for the longer of the following periods: (a) the period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or (b) the period during which the Recipient retains ownership or possession of the property.

9. The Recipient shall provide for such methods of administration for the program as are found by the Secretary of Transportation of the official to whom he delegates specific authority to give reasonable guarantee that it, other recipients, sub-guarantees, contractors, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Act, the Regulations and this assurance.

10. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matters arising under the Act, the Regulations, and this assurance.

THIS ASSURANCE is given in consideration of, and for the purpose of, obtaining any and all Federal grants, loans, contracts, property, discounts or other Federal financial assistance extended after the date hereof to the Recipient by the Department of Transportation under the programs administered by the Recipient and is binding on it, other recipients, sub-grantees, contractors, transferees, successors in interest and other participants in the programs administered by the Recipient. The person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Recipient

DATED_____

By_____
Executive Director
Rio Grande Valley MPO

Appendix A

During the performance of this contract, the contractor, for itself, tis assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

(1) Compliance with Regulations: The contractor shall comply with regulations relative to nondiscrimination in Federally-Assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

(2) Nondiscrimination: The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

(3) Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of material or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

(4) Information and Resorts: The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the Recipient or the Rio Grande Valley Metropolitan Planning Organization to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the Recipient, or the Metropolitan Planning Organization as appropriate, and shall set forth what efforts it has made to obtain the information.

(5) Sanctions of Noncompliance: In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the Recipient shall impose such contract sanctions as is or the Texas Department of Transportation may determine to be appropriate, including but not limited to:

   (a) Withholding of payments to the contractor until the contractor complies and/or
   (b) Cancellation, termination or suspension of the contract, in whole or in part.

(6) Incorporation of Provision: The contractor shall include the provisions of paragraphs through in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

The contractor shall take such action with respect to any subcontract or procurement as the Recipient or the Texas Department of Transportation may direct as a means of enforcing such provisions including sanctions for non-compliance. Provided, however that, in the even a contractor becomes involved in, or is threatened with litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Recipient to enter into such litigation to protect the interest of the Recipient, and in addition, the contractor may request the United States to enter into such litigation to protect the interest of the United States.

Appendix B

A. The following clauses shall be included in any and all deeds, effecting or recording the transfer of real property, structures or improvements thereon, or interest therein from the United States.

(GRANTING CLAUSE)

NOW, THEREFORE, The Department of Transportation, as authorized by law, and upon the condition that the Recipient will accept title to the lands and maintain the project constructed thereon, in accordance with all applicable Department of Transportation authorities, the Regulations for the Administration of the programs administered by the Recipient, and the policies and procedures prescribed by the Texas Department of Transportation and, also in accordance with and in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted programs of the Department of Transportation (hereinafter referred to as the Regulation) pertaining to an effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C 2000d-4), does hereby remise, release, quitclaim, and convey unto the Recipient all the right, title and interest of the Department of Transportation in and to said lands described in Exhibit “A” attached hereto and made part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interest therein unto the Recipient and its successors forever, subject, however, to the covenants, conditions, restrictions, and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and shall be binding on the Recipient, its successors and assigns.

The Recipient, in consideration of the conveyance of said lands and interest in lands, does herby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person shall on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed (and) (2) that the Recipient shall use the lands and interest in lands, so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended, and (3) that in the event of breach of any of the above mentioned nondiscrimination conditions, the Department shall have a right to re-center said lands and facilities on said land, and the above described land and facilities shall thereon revert to and vest in and become the absolute property of the Department of Transportation and its assigns as such interest existed prior to this instruction.*

*Reverted clause and related language to be used only when it is determined that such a clause is necessary in order to effectuate the purpose of Title VI of the Civil Rights Act of 1964.

Appendix C

The following clauses shall be included in all deeds, licenses, leases permits, or similar instruments entered into by the Recipient pursuant to the provisions of Assurances 7(a).

The (grantee, licensee, lessee, permitee, etc., as appropriate) for himself, his heirs, personal representatives, successors in interest, and assigns, as part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add “as a covenant running with the land”] that in the even facilities are constructed, maintained, or otherwise operating on the said property described in this (deed, license, lease, permit, etc.) for a purpose for which a Department of Transportation program or activity is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permitee, etc.) shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Acts of 1964, and as said Regulations may be amended.

[Included in licenses, leases, permits, etc.] *

That in the event of breach of any of the above nondiscrimination covenants, the Recipient shall have the right to re-enter said lands and facilities thereon, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of the Recipient and its assigns.

[Include in deeds.] *

That in the event of breach of any of the above nondiscrimination covenants, the Recipient shall have the right to re-enter said lands and facilities thereon, and the above described lands and facilities shall thereupon revert to and vest, in and become the absolute property of the Recipient and its assigns

The following shall be included in all deeds, licenses, leases, permits, or similar agreements entered into by the Recipient pursuant to the provisions of Assurances 7(b).

The (grantee, licensee, permitee, etc., as appropriate) for himself, his personal representatives, successors interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds, and leases add “as a covenant running with the land”) that (1) no person on the grounds of race, color, or national origin shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over or under such land and the furnishing of services thereon, no person on the ground of race, color, or national origin shall be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permitee, etc.) shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted program of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964 and as said Regulations may be amended

[Include in licenses, leases, permits, etc.] *

That in the event of break of any of the above nondiscrimination covenants, the Recipient shall have the right to terminate the [license, lease, permit, etc.] and to re-enter and repossess said land and the facilities thereon, and hold the same as if said [license, lease, permit, etc.]

[Include in deeds] *

That in the event of break of any of the above nondiscrimination covenants, the Recipient shall have the right to re-enter said land and facilities thereon, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of the recipient and its assigns.

*Reverter Clause and related language to be used only when it is determined that such a clause is necessary in order to effectuate the purpose of Title VI of the Civil Rights Act of 1964

Rio Grande Valley MPO

DBE Assurance

Rio Grande Valley MPO shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DOT assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT assisted contracts. The recipient's DBE Program, as required by 49 CFR of this program is legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the Rio Grande Valley MPO of its failure to carry out its approved program, the Department may impose sanction as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

_____

RGVMPO Executive Director

_____

Date

Organización de Planificación Metropolitana del Valle del Río Grande

Procedimientos de Reclamación del Título VI

La Organización de Planificación Metropolitana del Valle del Río Grande (MPO), como receptora de asistencia financiera federal y bajo el Título VI de la Ley de Derechos Civiles de 1964 y estatuas conexas, asegura que ninguna persona, por motivos de raza, religión, el color, el origen nacional, el sexo, la edad o la discapacidad se excluyen de la participación en, se les niegan los beneficios o se les somete a discriminación bajo cualquier programa o actividad de la agencia. Estas prohibiciones van desde la MPO, como receptor directo de asistencia financiera federal, a sus subreceptores (por ejemplo, contratistas, consultores, gobiernos locales, colegios, universidades, etc.). Todos los programas financiados total o parcialmente con asistencia financiera federal están sujetos a los requisitos del Título VI. La Ley de Restauración de Derechos Civiles de 1987 extendió esto a todos los programas dentro de una agencia que recibe asistencia federal independientemente de la fuente de financiamiento para programas individuales.

Esta política tiene por objeto establecer un procedimiento en virtud del cual las quejas que alegan discriminación en las disposiciones, servicios o actividades de la OMP pueden ser realizadas por personas que no son empleados de la MPO.

Cualquier Persona que crea que la MPO, o cualquier entidad que recibe asistencia financiera federal de o a través de la MPO (es decir, sub-receptores, subcontratistas o subcontratistas), los ha sometido o cualquier clase específica de individuos a discriminación ilegal puede una queja de discriminación.

La MPO seguirá los plazos establecidos en la guía del Departamento de Transporte, la Administración Federal de Carreteras, la Administración Federal de Tránsito y el Departamento de Justicia para procesar las quejas por discriminación del Título VI.

Cuándo presentar

Una queja de discriminación debe presentarse dentro de los 180 días calendario del presunto acto de discriminación, o descubrimiento de la misma; o cuando haya habido un curso de conducta continuo, la fecha en que esa conducta fue descontinuada. La presentación significa que una queja por escrito debe ser matasellos antes de la expiración del período de 180 días.

La fecha de presentación es el día en que completa, firma y envía por correo el formulario de queja. El formulario de queja y el formulario de consentimiento/liberación deben estar fechados y firmados para su aceptación.

Las quejas recibidas más de 180 días después de la supuesta discriminación no serán procesadas y serán devueltas al reclamante con una carta explicando por qué la queja no pudo ser procesada y agencias alternativas a las que se puede hacer un informe.

Dónde presentar

Para ser procesado, los formularios de quejas originales firmados deben ser enviados por correo o entregados a mano a:

Organización de Planificación Metropolitana del Valle del Río Grande
ATTN: Coordinador del Título VI
510 South Pleasantview Drive
Weslaco, Texas 78596

A petición, se pueden hacer adaptaciones razonables para las personas que no pueden completar el formulario de queja debido a discapacidad o dominio limitado del inglés. Una queja puede ser presentada por un representante en nombre de un reclamante.

Las personas que no estén satisfechas con los hallazgos de la MPO pueden solicitar reparación a otras agencias estatales o federales aplicables.

Elementos requeridos de una queja

Para ser procesado, una queja debe ser por escrito y contener la siguiente información:

- Nombre, dirección y número de teléfono del reclamante
- Nombre(s) y dirección(es) y negocio(s)/organización(es) de la(s) persona(s) que supuestamente discriminaron
- Fecha de los supuestos actos discriminatorios
- Base de queja: es decir, raza, color, origen nacional, sexo, edad, religión o discapacidad
- Una declaración de queja
- Formulario de liberación de consentimiento firmado

Quejas incompletas

Tras la revisión inicial de la queja, el personal de MPO se asegurará de que el formulario esté completo y de que se proporcione cualquier documentación de apoyo inicial. En caso de que se encuentrealguna alguna deficiencia, el personal de MPO notificará al reclamante en un plazo de 10 días hábiles. Si los esfuerzos razonables para llegar al reclamante no tienen éxito o si el reclamante no responde dentro del tiempo especificado en la solicitud (30 días), el destinatario puede cerrar el archivo del reclamante.

El reclamante podrá volver a presentar la reclamación proporcionada si se presenta dentro del período original de 180 días.

En caso de que la queja se cierre debido a la falta de información requerida, el personal de MPO notificará al reclamante en su última dirección conocida. En el caso de que el reclamante presente la información faltante después de que el archivo haya sido cerrado, la queja podrá ser reabierta siempre que no hayan pasado más de 180 días desde la fecha de la supuesta discriminación.

Registros de Quejas

El personal de MPO mantendrá un registro de todas las quejas recibidas. La información recopilada puede incluir:

- Información básica sobre la queja: cuándo se presentó, quién la presentó y quién estaba en contra
- Una descripción de la supuesta acción discriminatoria
- Resultados de la investigación

Descripción general del proceso de quejas

La siguiente es una descripción de cómo se manejará una queja por discriminación una vez recibida por la Organización de Planificación Metropolitana del Valle del Río Grande (MPO)

1. **La MPO recibe una queja:**

Las quejas deben ser por escrito y firmadas por el reclamante o su representante designado. Si el reclamante no puede completar el formulario por escrito debido a la discapacidad o el dominio limitado del inglés, a petición se pueden hacer adaptaciones razonables para asegurar que la queja sea recibida y procesada.

Los reclamantes que deseen presentar una queja pero no tienen acceso a Internet o la capacidad de recoger un formulario, se les enviará un formulario de queja por correo para su finalización.

El reclamante será notificado si el formulario de queja que recibimos está incompleto y pide que proporcionen la información faltante.

2. **La queja se registra en la base de datos de seguimiento:**

Los formularios de quejas completados se registrarán y se rastrearán. Se mantendrán los datos básicos de cada queja recibida.

3. **Determinar la jurisdicción:**

El personal de MPO completará una revisión inicial de la queja. El propósito de esta revisión es determinar si la queja cumple con los criterios básicos.

Criterios básicos requeridos para una queja completa – supuesta discriminación se debe a la raza, religión, color, origen nacional, sexo, edad o discapacidad.

La puntualidad se determinará para asegurarse de que la queja se presentó dentro del requisito de 180 días.

El programa en el que se produjo la supuesta discriminación será examinado para asegurar que la queja fue presentada ante la agencia correspondiente. Durante este proceso, si se hace una determinación en la que el programa o actividad de que se produjo la supuesta discriminación no está relacionada con un programa o actividad de MPO, se intentará establecer la agencia correcta. Cuando sea posible y con el consentimiento otorgado en el formulario de Consentimiento/Liberación, la queja será remitida notificación inicial por escrito al reclamante:

4. **Notificación inicial por escrito al reclamante:**

Dentro de los 10 días hábiles siguientes a la recepción de la queja, la MPO emitirá la queja un recibo de confirmación de la queja.

Si es necesario, el aviso puede solicitar información adicional, puede notificar al reclamante que la actividad no está relacionada con el programa o la actividad de MPO, o que la queja no cumple con los requisitos de la fecha límite. Las conclusiones formuladas en el tercer paso determinarán la respuesta adecuada a la queja.

5. **Investigación de la queja:**

El personal de la MPO determinará el proceso adecuado de búsqueda de hechos para garantizar que toda la información disponible se recopile en un esfuerzo por llegar a una conclusión informada y la resolución de la queja. El tipo de técnicas de investigación utilizadas puede variar en función de la naturaleza y las circunstancias de la supuesta discriminación. Una investigación puede incluir, entre otros:

- Reuniones internas con personal de MPO y asesoría legal
- Consulta con agencias estatales y federales
- Entrevistas de los reclamantes
- Revisión de la documentación (es decir, planificación, participación pública y actividades técnicas del programa)
- Entrevistas y revisión de la documentación con otras agencias involucradas
- Revisión de los métodos de análisis técnico
- Revisión de datos demográficos

6. **Determinación de la investigación:**

Una investigación debe completarse dentro de los 60 días de recibir la queja de competencia, a menos que los hechos y circunstancias justifiquen lo contrario.

Se tomará una determinación basada en la información obtenida.

El personal de la MPO y/o el designado formularán una recomendación de acción, incluidas estrategias formales y/o informales de resolución en un informe de las conclusiones al Comité de Política de Transporte.

7. **Notificación de determinación:**

Dentro de los 10 días siguientes a la finalización de la investigación, el reclamante será notificado por el Director de Planificación de Transporte de MPO de la decisión final.

La notificación incluirá derechos de apelación con agencias estatales y federales en caso de que exista insatisfacción con la decisión final.

Una copia de esta carta, junto con el informe de los hallazgos, se enviará al Departamento de Transporte de Texas, Sección de Cumplimiento de Contratos de la Oficina de Derechos Civiles de Texas para fines informativos.

Organización de Planificación Metropolitana del Valle del Río Grande

Título VI

Formulario de consentimiento/liberación de quejas por discriminación

Por favor, lea toda la información cuidadosamente antes de comenzar a completar el formulario.

_____	_____	_____
Primer Nombre	ISN	Apellido

_____	_____	_____	_____
Dirección de la calle	Ciudad	Estado	Código postal

Como denunciante, entiendo que en el curso de una investigación puede ser necesario que la MPO revele mi identidad a la persona de la organización o institución objeto de investigación. También soy consciente de las obligaciones de la MPO de cumplir con la solicitud en virtud de la Ley de Libertad de Información. Entiendo que como queja estoy protegido de represalias por haber tomado medidas o participado en acciones para asegurar los derechos protegidos por las leyes y regulaciones de no discriminación que son aplicadas por la Administración Federal de Carreteras (FHWA) de los EE. UU. Departamento de Transporte.

Please check one:

☐ **CONSENTIDO** y autorizo a la MPO, como parte de su investigación, a revelar mi identidad a las personas de la organización, empresa o institución que haya sido identificada por mí en mi queja formal de discriminación. También autorizo a la MPO a discutir, recibir y revisar materiales e información sobre mí de la misma y con los administradores o testigos apropiados con el propósito de investigar esta queja. Al hacerlo, he leído y entiendo la información al principio de este formulario. También entiendo que el material y la información recibida se utilizarán únicamente para actividades autorizadas de cumplimiento de derechos civiles. Además, entiendo que no estoy obligado a autorizar esta liberación y hacerlo voluntariamente.

☐ **CONSENTIMIENTO** para que la MPO reveles mi identidad a las personas de la organización, empresa o institución bajo investigación. También niego el consentimiento para que la MPO divulgue cualquier información contenida en la queja con cualquier testigo que haya mencionado en la queja. Al hacerlo, entiendo que no estoy autorizando a la MPO a discutir, recibir, ni revisar ningún material e información sobre mí de la misma. Al hacerlo, he leído y entiendo la información al principio de este formulario. Además, entiendo que mi decisión de denegar el consentimiento puede obstaculizar esta investigación y puede dar lugar a la resolución fallida de mi caso.

_____	_____
Firma	Fecha

Organización de Planificación Metropolitana del Valle del Río Grande

Formulario de Queja por Discriminación

La Organización de Planificación Metropolitana del Valle del Río Grande (MPO), como receptora de asistencia financiera federal y bajo el Título VI de la Ley de Derechos Civiles de 1964 y los estatutos conexos, garantiza que ninguna persona, por motivos de raza, religión, color, origen, sexo, edad o discapacidad se excluyen de la participación en, se les niegan los beneficios de, o de otra manera ser objeto de discriminación bajo cualquier programa o actividad de la agencia. Estas prohibiciones van desde la MPO, como receptor directo de asistencia financiera federal, a sus subreceptores (por ejemplo, contratistas, consultores, gobiernos locales, colegios, universidades, etc.). Todos los programas financiados total o parcialmente con asistencia financiera federal están sujetos a los requisitos del Título VI. La Ley de Restauración de Derechos Civiles de 1987 extendió esto a todos los programas dentro de una agencia que recibe asistencia federal independientemente de la fuente de financiamiento para programas individuales.

A petición, se pueden hacer adaptaciones razonables para las personas que no pueden completar el formulario de queja debido a discapacidad o dominio limitado del inglés. Una queja puede ser presentada por un representante en nombre de un reclamante. La queja debe ***presentarse*** a más tardar 180 días naturales a partir de la fecha más reciente de la supuesta discriminación. La fecha de ***presentación*** es el día en que completa, firma y envía este formulario de queja. El formulario de queja y el formulario de consentimiento/liberación deben estar fechados y firmados para su aceptación. Tiene 30 días naturales para responder a cualquier solicitud por escrito de información adicional. Si no lo hace, se cierre la reclamación. Para asistencia llame al (956) 969-5778 o envíe formularios originales firmados por correo o entregue a:

Organización de Planificación Metropolitana del Valle del Río Grande

ATTN: Coordinador del Título VI

510 South Pleasantview Drive

Weslaco, Texas 78596

Por favor, lea toda la información cuidadosamente antes de comenzar a completar el formulario.

_____ _____ _____

Primer Nombre ISN Apellido

_____ _____ _____ _____

Dirección de la calle Ciudad Estado Código postal

_____ _____

Número de teléfono Dirección de correo electrónico

¿Quién crees que te discriminó?

_____ _____ _____

Primer Nombre ISN Apellido

_____ _____

Nombre de la empresa/organización Posición/Título

_____ _____ _____ _____

Dirección de la calle Ciudad Estado Código postal

¿Cuándo ocurrieron los supuestos actos de discriminación? Enumere todas las fechas en formato mm/dd/aaaa.

_____

¿Está en curso la supuesta discriminación? ☐ Sí ☐ No

¿Dónde (ubicación) se produjeron los supuestos actos de discriminación? *Adjunte páginas adicionales según sea necesario.*

_____

_____

_____

_____

_____

_____

_____

Indique la base de su queja por discriminación.

☐ Raza ☐ Color ☐ Religión ☐ Sexo ☐ Edad ☐ Discapacidad ☐ Origen Nacional

En el siguiente espacio, proporcione la siguiente información (adjunte páginas adicionales según sea necesario):

1. Describa en detalle los incidentes específicos que son las bases de la supuesta discriminación.
2. Describa cada incidente de discriminación por separado.
3. Explique cómo otras personas fueron tratadas de manera diferente por la persona/agencia que lo discriminaba.
4. Enumere e identifique a los testigos de los incidentes o a las personas que tengan conocimiento personal de la información relativa a su queja.

_____

_____

_____

¿Ha denunciado este incidente o actos de discriminación relacionados? ☐ Si ☐ No

Si es así, identifique a quién ha realizado el informe, la fecha en la que realizó el informe y la resolución. Proporcione/adjunte cualquier documentación de apoyo.

_____

_____

_____

Si ayuda con el proceso de queja, proporcione el nombre/información de contacto de su asesor.

_____ _____ _____

Primer Nombre ISN Apellido

Nombre de la empresa/organización	Posición/Título	Número de Teléfono

Dirección de la calle	Ciudad	Estado	Código postal

Por favor, firme y fecha esta queja para que nos enfrentemos a sus alegaciones. El Formulario de Consentimiento/Liberación de Quejas por Discriminación se adjunta y también debe completarse para ayudarnos con nuestra investigación. Si está presentando una queja de discriminación en nombre de otra persona, necesitaremos el consentimiento de la persona.

Certifico que, a mi leal saber y entender, la información que he proporcionado es exacta y que los eventos y circunstancias son como los he descrito. También entiendo que si me asistido por un asesor, mi firma a continuación autoriza a la persona nombrada a recibir copias de la correspondencia pertinente con respecto a la queja y a acompañarme durante la investigación.

Firma	Fecha

Título VI y Estatutos Conexos

Declaración de no discriminación

La Organización de Planificación Metropolitana del Valle del Río Grande, como receptora de asistencia financiera federal y en virtud del Título VI de la Ley de Derechos Civiles de 1964 y estatutos conexos, garantiza que ninguna persona deberá por motivos de raza, religión, color, origen nacional, sexo, edad o discapacidad ser excluidos de la participación en, se les nieguen los beneficios de, o de otra manera ser objeto de discriminación bajo cualquier programa y actividad del Departamento.

_____

Director Ejecutivo

Organización de Planificación Metropolitana del Valle del Río Grande

Garantías estándar del título VI del DOT

La Organización de Planificación Metropolitana del Valle del Río Grande (en adelante, el "Destinatario") ACEPTA QUE como condición para recibir cualquier asistencia financiera federal del Departamento de Transporte cumplirá con el Título VI de las Leyes de Derechos Civiles de 1964, 78 Stat. 252, 42 U.S.C. 2000d-42 U.S.C. 2000d-4 (en adelante, la Ley), y todos los requisitos impuestos por o de conformidad con el Título 49, Código de Reglamentos Federales, Departamento de Transporte, Subtítulo A, Oficina de la Secretario, Parte 21, No Discriminación en los Programas Asistidos Federalmente del Departamento de Transporte-Efectividad del Título VI de la Ley de Derechos Civiles de 1964 (en lo sucesivo denominado el Reglamento) y otras directivas pertinentes, hasta el final que en de conformidad con la Ley, el Reglamento y otras directivas pertinentes, ninguna persona en los Estados Unidos, por motivos de raza, color u origen nacional, será excluida de la participación en, se les dentan los beneficios de, o será objeto de discriminación de otra manera bajo cualquier programa o actividad para la cual el Receptor reciba asistencia financiera federal del Departamento de Transporte, incluya al Departamento de Transporte de Texas, y POR LA PRESENTE RENUNCIA A LA SEGURIDAD DE QUE tomará de inmediato las medidas necesarias para hacer práctica este acuerdo. Esta garantía se exige en la subsección 21.7(a) (1) del Reglamento, de la cual se adjunta una copia.

Más específicamente y sin limitar la garantía general anterior, el Destinatario ofrece las siguientes garantías específicas con respecto a los programas administrados por el Destinatario.

1. Que el Receptor esté de acuerdo en que cada "programa" y cada "facilidad" según se define en las subsecciones 21.23(e) y 21.23(b) del Reglamento, se llevará a cabo (con respecto a un "programa") o se operará (con respecto a una "facilidad") impuestos por el Reglamento o de conformidad con ellos.

2. Que el Destinatario deberá insertar la siguiente notificación en todas las solicitudes de ofertas de trabajo o material sujeto al Reglamento y hacer en relación con todos los programas administrados por el Destinatario y, en forma adaptada en todas las propuestas de negociación Acuerdos:

   El Destinatario, de conformidad con el Título VI de la Ley de Derechos Civiles de 1964, 78 Stat. 252, 42 U.S.C. 2000d a 2000d-4 y El Título 49, Código de Reglamentos Federales, Departamento de Transporte, Subtítulo A, Oficina del Secretario, Parte 21, La no discriminación en los Programas Asistidos Federalmente del Departamento de Transporte emitidos de conformidad con dicha Ley, notifica a todos los oferentes que asegurará afirmativamente que en cualquier contrato celebrado de conformidad con este anuncio, negocios minoritarios las empresas tendrán plena oportunidad de presentar ofertas en respuesta a esta invitación y no serán discriminadas por motivos de raza, color u origen nacional en consideración a un laudo.

3. Que el Destinatario insertará la cláusula del Apéndice A de esta garantía en todos los contratos sujetos a la Ley y al Reglamento

4. Que el Destinatario insertará las cláusulas del Apéndice B de esta garantía, como un pacto que se ejecuta con la tierra, en cualquier acto de los Estados Unidos que afecten a una transferencia de bienes inmuebles, estructuras o mejoras en los mismos, o intereses en los mismos.

5. Aquello cuando el Destinatario reciba asistencia financiera federal para construir una instalación, o parte de una instalación, la garantía se extenderá a toda la instalación e instalaciones operadas en relación con ella.

6. Que cuando el Destinatario reciba asistencia financiera federal en la forma, o para la adquisición de bienes inmuebles o un interés en bienes inmuebles, la garantía se extenderá a los derechos de espacio en, más o bajo dichos bienes.

7. Que el Destinatario incluya la cláusula apropiada establecida en el Apéndice C de esta garantía como un pacto que se ejecuta con la tierra, en cualquier escritura futura, permisos de arrendamiento, licencias y acuerdos similares celebrados por el Destinatario con otras partes: (a) para el transferencia posterior de bienes inmuebles adquiridos o mejorados en el marco de los programas administrados por el Destinatario; y (b) para la construcción o uso o acceso al espacio en, más o bajo bienes inmuebles adquiridos o mejorados bajo los programas administrados por el Destinatario.

8. Que esta garantía obliga al Receptor durante el período durante el cual la asistencia financiera federal se extiende al programa, excepto cuando la asistencia financiera federal sea para proporcionar, o sea en forma de, propiedad personal, o bienes inmuebles, o intereses en el mismo, o estructuras, o mejoras en las mismas, en cuyo caso la garantía obliga al Destinatario o a cualquier cesionario durante más largos períodos: (a) el período durante el cual la propiedad se utiliza para un fin para el cual la asistencia financiera federal para la cual la asistencia financiera federal se prorroga, o para otro fin que implique la prestación de servicios o beneficios similares; o (b) el período durante el cual el Destinatario conserva la propiedad o posesión de la propiedad.

9. El Destinatario establecerá los métodos de administración del programa que encuentre el Secretario de Transporte del funcionario al que delegue una autoridad específica para dar garantías razonables de que, otros destinatarios, subgarantías, contratistas, cesionarios, sucesores en interés y otros participantes de asistencia financiera federal bajo dicho programa cumplirán con todos los requisitos impuestos o de conformidad con la Ley, el Reglamento y esta garantía.

10. El Destinatario está de acuerdo en que los Estados Unidos tienen derecho a solicitar la aplicación judicial con respecto a cualquier asunto que surja en virtud de la Ley, el Reglamento y esta garantía.

ESTA ASEGURACION se da en consideración y con el propósito de obtener todas y cada una de las subvenciones federales, préstamos, contratos, propiedades, descuentos u otra asistencia financiera federal extendida después de la fecha del presente documento al Receptor por el Departamento de Transporte bajo los programas administrados por el Destinatario y es vinculante para él, otros receptores, sub-beneficiarios, contratistas, cesionarios, sucesores en interés y otros participantes en los programas administrados por el Destinatario. La persona o personas cuyas firmas aparecen a continuación están autorizadas a firmar esta garantía en nombre del Destinatario

Fecha_____

Por_____
Director Ejecutivo
Rio Grande Valley MPO

Apéndice A

Durante la ejecución de este contrato, el contratista, por sí mismo, los cesionarios y sucesores en interés (en lo sucesivo denominado el "contratista") acuerda lo siguiente:

1. Cumplimiento de las Regulaciones: El contratista deberá cumplir con las regulaciones relativas a la no discriminación en los programas asistidos por el gobierno federal del Departamento de Transporte (en adelante, "DOT") Título 49, Código de Regulaciones Federales, Parte 21, según sea modificados de vez en cuando, (en lo sucesivo, el Reglamento), que se incorporan en el presente documento por referencia y forman parte de este contrato.

2. No discriminación: El contratista, con respecto al trabajo realizado por el mismo durante el contrato, no discriminará por motivos de raza, color u origen nacional en la selección y retención de subcontratistas, incluidas las adquisiciones de materiales y arrendamientos de equipos. El contratista no participará directa o indirectamente en la discriminación prohibida por el artículo 21.5 del Reglamento, incluidas las prácticas laborales cuando el contrato cubra un programa establecido en el Apéndice B del Reglamento.

3. Solicitudes para subcontratistas, incluida la adquisición de materiales y equipos: En todas las solicitudes, ya sea mediante licitaciones o negociaciones competitivas realizadas por el contratista para el trabajo que se realizará en virtud de un subcontrato, incluidas las adquisiciones de material o arrendamientos de equipos, cada subcontratista o proveedor potencial será notificado por el contratista de las obligaciones del contratista en virtud del presente contrato y el Reglamento relativo a la no discriminación por motivos de raza, color u origen nacional.

4. Información y Resorts: El contratista proporcionará toda la información e informes requeridos por el Reglamento o directivas emitidas de conformidad con los mismos, y permitirá el acceso a sus libros, registros, cuentas, otras fuentes de información y sus instalaciones como puede ser determinado por el Destinatario o la Organización de Planificación Metropolitana del Valle del Río Grande para que sea pertinente para determinar el cumplimiento de dichas Regulaciones, órdenes e instrucciones. Cuando cualquier información requerida a un contratista esté en posesión exclusiva de otro que falle o se niegue a proporcionar esta información, el contratista lo certificará al Destinatario, o a la Organización de Planificación Metropolitana, según corresponda, y establecerá los esfuerzos que ha realizado para obtener la información.

5. Sanciones de incumplimiento: En caso de incumplimiento por parte del contratista de las disposiciones de no discriminación de este contrato, el Destinatario impondrá las sanciones contractuales que sea o el Departamento de Transporte de Texas pueda determinar que apropiados, incluyendo pero no limitado a:

A. Retención de pagos al contratista hasta que el contratista cumpla y/o
B. Cancelación, rescisión o suspensión del contrato, total o parcialmente.

6. Incorporación de la Disposición : El contratista incluirá las disposiciones de lospárrafos a través de cada subcontrato, incluidas las adquisiciones de materiales y arrendamientos de equipos, a menos que estén exentos por el Reglamento, o directivas emitidas en virtud de los mismos.

El contratista tomará tales medidas con respecto a cualquier subcontrato o adquisición que el Destinatario o el Departamento de Transporte de Texas puedan dirigir como un medio de hacer cumplir dichas disposiciones, incluidas sanciones por incumplimiento. Siempre que, incluso en el que incluso un contratista se involucre en, o se vea amenazado con un litigio con un subcontratista o proveedor como resultado de dicha dirección, el contratista puede solicitar al Destinatario que entroen en dicho litigio para proteger los intereses de la Destinatario, y además, el contratista puede solicitar a los Estados Unidos que entroenen en dicho litigio para proteger los intereses de los Estados Unidos.

Apéndice B

A. Las siguientes cláusulas se incluirán en todas y cada una de las acciones, que realicen o registran la transferencia de bienes inmuebles, estructuras o mejoras en los mismos, o el interés de los Estados Unidos.

(CLAUSE DE GRANTING)

AHORA, POR LO TANTO, el Departamento de Transporte, según lo autorizado por la ley, y con la condición de que el Destinatario acepte el título de las tierras y mantenga el proyecto construido en ellas, de acuerdo con todo lo aplicable Departamento de Transporte las autoridades, el Reglamento para la Administración de los programas administrados por el Receptor, y las políticas y procedimientos prescritos por el Departamento de Transporte de Texas y, también de acuerdo con y de acuerdo con todos los requisitos impuestos por o de conformidad con el Título 49, Código de Reglamentos Federales, Departamento de Transporte, Subtítulo A, Oficina del Secretario, Parte 21, No Discriminación en los programas Asistidos Federalmente del Departamento de Transporte (en adelante, el Reglamento) relativas a una aplicación de las disposiciones del Título VI de la Ley de Derechos Civiles de 1964 (78 Stat. 252; 42 U.S.C 2000d-4), remise, libera, renuncia y transmite al Destinatario todo el derecho, título e interés del Departamento de Transporte en y a dichas tierras descritas en la Prueba documental "A" adjunta al presente documento y forman parte del presente documento.

(CLÁUSULA HABENDUM)

TENER Y TENER QUE HOLD dichas tierras e intereses para el Receptor y sus sucesores para siempre, sin embargo, sujeto a los convenios, condiciones, restricciones y reservas aquí contenidas de la siguiente manera, que permanecerán en vigor durante el período durante el cual los bienes o estructuras se utilizan para un fin para el cual se extiende la asistencia financiera federal o para otro fin que implique la prestación de servicios o beneficios similares y será vinculante para el Destinatario, sus sucesores y cesionarios.

El Receptor, en consideración de la transmisión de dichas tierras e interés en las tierras, hace convenio y acepta como un pacto que corre con la tierra para sí mismo, sus sucesores y cesionarios, que (1) ninguna persona por motivos de raza, color u origen nacional , ser excluidos de la participación en, se les nieguen los beneficios de, o se les someta de otra manera a discriminación con respecto a cualquier instalación ubicada total o parcialmente en, más o bajo tales tierras transmitidas por la presente (y) (2) que el Destinatario utilizará las tierras e intereses en tierras, así se transmitió, de conformidad con todos los requisitos impuestos por o de conformidad con el Título 49, Código de Regulaciones Federales, Departamento de Transporte, Subtítulo A, Oficina del Secretario, Parte 21, No Discriminación en programas asistidos por el gobierno federal de la Departamento de Transporte-Efectividad del Título VI de la Ley de Derechos Civiles de 1964, y según se puede enmendar dicho Reglamento, y (3) que en caso de incumplimiento de cualquiera de las condiciones de no discriminación mencionadas anteriormente, el

Departamento derecho a re-centro dijo que las tierras y las instalaciones en dicha tierra, y la tierra y las instalaciones descritas anteriormenteen ella volver y establecerse en la propiedad absoluta del Departamento de Transporte y su asigna como tal interés existía antes de esta instrucción.*

*Cláusula revertida y lenguaje relacionado que se utilizará únicamente cuando se determine que dicha cláusula es necesaria para llevar a cabo el propósito del Título VI de la Ley de Derechos Civiles de 1964.

Apéndice C

Las siguientes cláusulas se incluirán en todas las escrituras, licencias, permisos de arrendamiento o instrumentos similares celebrados por el Destinatario de conformidad con lo dispuesto en garantías 7 a).

El (concesionario, licenciatario, arrendatario, permite, etc., según corresponda) para sí mismo, sus herederos, representantes personales, sucesores en interés, y cesionarios, como parte de la consideración del presente, hacen convenio y acuerdo [en el caso de las escrituras y arrendamientos convenio que corre con la tierra"] que en las instalaciones uniformes se construyen, mantienen o operan de otra manera en dicha propiedad descrita en esta (escritura, licencia, arrendamiento, permiso, etc.) para un propósito para el cual un programa o actividad del Departamento de Transporte se prorroga o con otro fin que implique la prestación de servicios o beneficios similares, el (beneficiario, licenciatario, arrendatario, permite, etc.) mantendrá y operará dichas instalaciones y servicios de conformidad con todos los demás requisitos impuestos en virtud de Título 49, Código de Reglamentos Federales, Departamento de Transporte, Subtítulo A, Oficina del Secretario, Parte 21, No Discriminación en programas asistidos por el gobierno federal del Departamento de Transporte-Efectividad del Título VI de las Leyes de Derechos Civiles de 1964, y como dicho Reglamento puede ser modificado.

[Incluido en licencias, arrendamientos, permisos, etc.] *

Que en caso de incumplimiento de cualquiera de los convenios de no discriminación antes mencionados, el Receptor tendrá el derecho de volver a entrar en dichas tierras e instalaciones, y las tierras e instalaciones descritas anteriormente se revertirán y se convertirán en lo absoluto propiedad del Destinatario y sus cesionarios.

[Incluir en los trabajos.] *

Que en caso de incumplimiento de cualquiera de los convenios de no discriminación antes mencionados, el Receptor tendrá el derecho de volver a entrar en dichas tierras e instalaciones, y las tierras e instalaciones descritas anteriormente se revertirán y otorgarán, en y se convertirán en la absoluta propiedad del Destinatario y sus cesionarios

En todas las escrituras, licencias, arrendamientos, permisos o acuerdos similares celebrados por el Destinatario de conformidad con lo dispuesto en Garantías 7(b).

El (concesionario, licenciatario, permite, etc., según corresponda) para sí mismo, sus representantes personales, interés sucesores, y cesionarios, como parte de la consideración del presente, por la presente hacen convenios y acuerdos (en el caso de las escrituras, y los arrendamientos añaden "como un

convenio en ejecución con la tierra") que (1) ninguna persona por motivos de raza, color u origen nacional será excluida de la participación en, se le negarán los beneficios de, o se les será objeto de discriminación en el uso de dichas instalaciones, (2) que en la construcción de cualquier mejora en, bajo tales tierras y la prestación de servicios al respecto, ninguna persona por motivos de raza, color u origen nacional será excluida de la participación en, se le negarán los beneficios de, o de otra manera ser objeto de discriminación, (3) que el (concesionario, licenciatario, , permite, etc.) utilizarán las instalaciones de conformidad con todos los demás requisitos impuestos por o de conformidad con el Título 49, Código de Regulaciones Federales, Departamento de Transporte, Subtítulo A, Oficina del Secretario, Parte 21, Programa de No Discriminación en Asistencia Federal de la Departamento de Transporte-Efectividad del Título VI de la Ley de Derechos Civiles de 1964 y como dicho Reglamento puede ser modificado

[Incluir en licencias, arrendamientos, permisos, etc.] *

Que en caso de quiebre cualquiera de los convenios de no discriminación antes mencionados, el Destinatario tendrá el derecho de rescindir la [licencia, arrendamiento, permiso, etc.] y de volver a entrar y recuperar dichas tierras y las instalaciones en ellas, y tener la misma [licencia, arrendamiento, permiso, etc.]

[Incluir en las deeds] *

Que en caso de ruptura de cualquiera de los convenios de no discriminación antes mencionados, el Receptor tendrá el derecho de volver a entrar en dichas tierras e instalaciones, y las tierras e instalaciones descritas anteriormente se revertirán y se convertirán en la absoluta propiedad del destinatario y sus cesionarios.

*Cláusula de revertido y lenguaje relacionado que se utilizará únicamente cuando se determine que dicha cláusula es necesaria para llevar a cabo el propósito del Título VI de la Ley de Derechos Civiles de 1964

MPO del Valle del Río Grande

Garantía DBE

La MPO del Valle del Río Grande no discriminará por motivos de raza, color, origen nacional o sexo en la adjudicación y ejecución de ningún contrato asistido por DOT o en la administración de su Programa DBE o en los requisitos de 49 CFR parte 26. El destinatario tomará todas las medidas necesarias y razonables en virtud del 49 CFR parte 26 para garantizar la no discriminación en la adjudicación y administración de los contratos asistidos por el DOT. El Programa DBE del destinatario, según lo requerido por 49 CFR de este programa es obligación legal y el incumplimiento de sus términos será tratado como una violación de este acuerdo. Tras la notificación a la MPO del Valle del Río Grande de su falta de cumplimiento de su programa aprobado, el Departamento puede imponer la sanción según lo dispuesto en la Parte 26 y puede, en los casos apropiados, remitir el asunto para su aplicación bajo 18 U.S.C 1001 y/o el Programa de Fraude Ley de Remedios Civiles de 1986 (31 U.S.C. 3801 y siguientes).

_____

Director Ejecutivo de RGVMPO

_____

Fecha

October 1, 2019

TxDOT Monthly Letting Update

(Projects within Rio Grande Valley MPO Area)

PROJECTS TO BE LET IN October 2019

Hwy	CO	Limits	Description	Estimate / Low Bid	Funding Categories
US 83 – La Joya *0039-02-063*	HID	FM 2221 (Jara Chinas Rd) to 0.28 Miles W of Showers Rd	Construct Controlled Access Facility	$125,905,527 / $0.00	CAT 2 & 12
Direct Connector to Port *0921-06-288*	CAM	SH 4 to Ostos Rd	Construct South Port Connector to Port of Brownsville	$18,840,283 / $0.00	CAT 3, 7, 10 & Rider 11B

PROJECTS TO BE LET IN December 2019

Hwy	CO	Limits	Description	Estimate / Low Bid	Funding Categories
Mile 6 West *0921-02-420*	HID	Mile 9 to Mile 11	Reconstruct & Widen to 4 Lanes	$11,403,688 / $0.00	CAT 7 & 10

PROJECTS TO BE LET IN August 2020

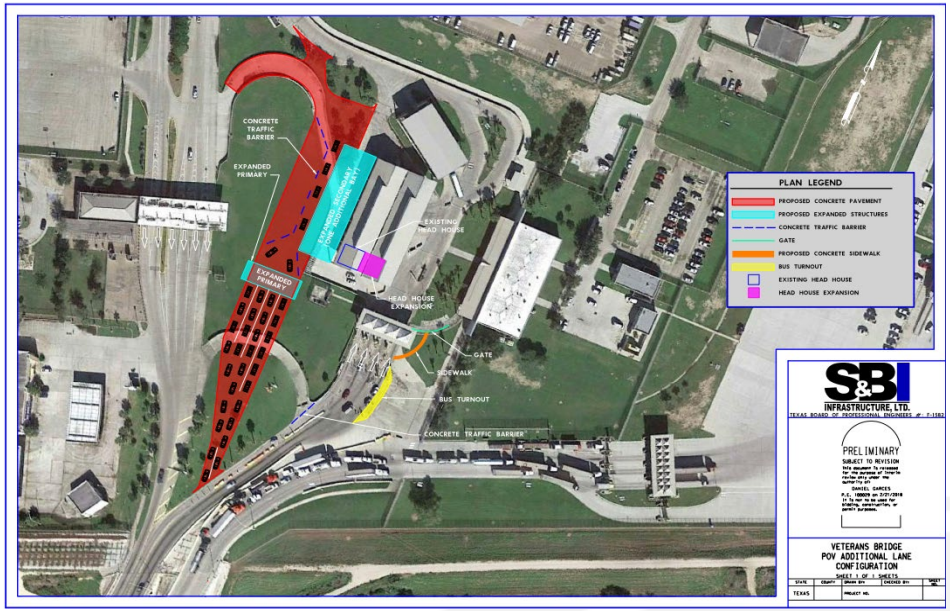
Hwy	CO	Limits	Description	Estimate / Low Bid	Funding Categories
FM 802 *1140-02-038*	CAM	FM 1847 to Old Port Isabel Rd	Construct 6 Lane with Raised Median	$7,000,000 / $0.00	CAT 2

CCRMA
Project Status Presentation - TAC
Rio Grande Valley MPO

October 10, 2019

RMA
CAMERON COUNTY REGIONAL
MOBILITY AUTHORITY

Veterans POV Expansion
CSJ: 0921-06-313



1. Environmental ✓
2. Preliminary Engineering ✓
3. ROW & Utilities: ✓
4. Design ✓
5. Funding ✓

Project Needs:

- Environmental Document Prepared by GSA – Pending TxDOT Approval
- TxDOT Approval for Project Letting

→ Shovel Ready

SH 550 GAP 2 Project
CSJ: 0684-01-068



SH 550

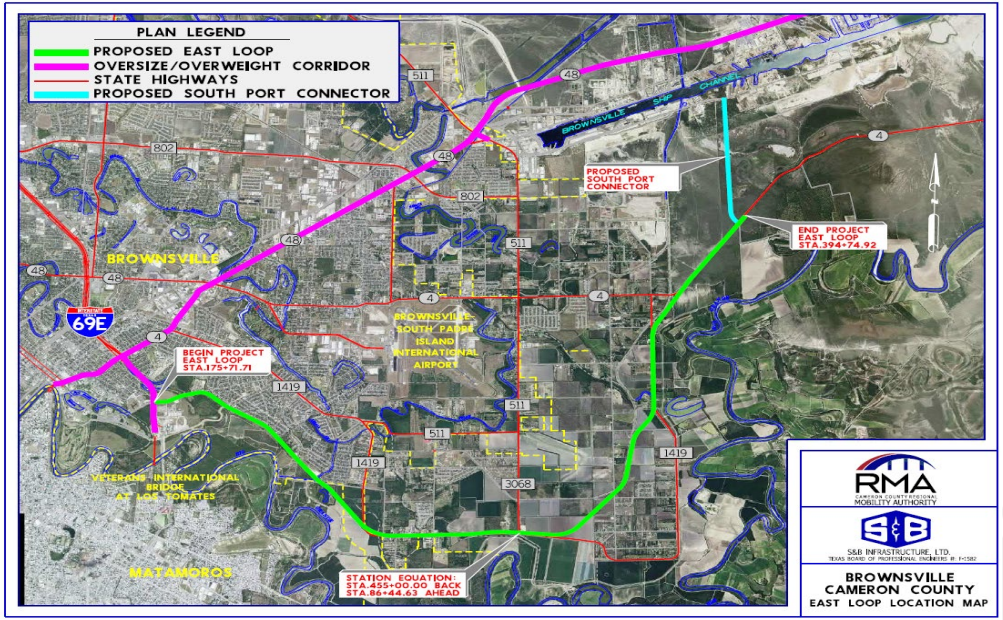
1	Environmental	✓
2	Preliminary Engineering	✓
3	ROW & Utilities:	✓
4	Design	- pending update
5	Funding	✓

Project Needs:

- Execution of PE AFA – Received from TxDOT October 2019
- Pending PS&E update to Interstate Standards

→ Shovel Ready

East Loop
CSJ: 0921-06-315

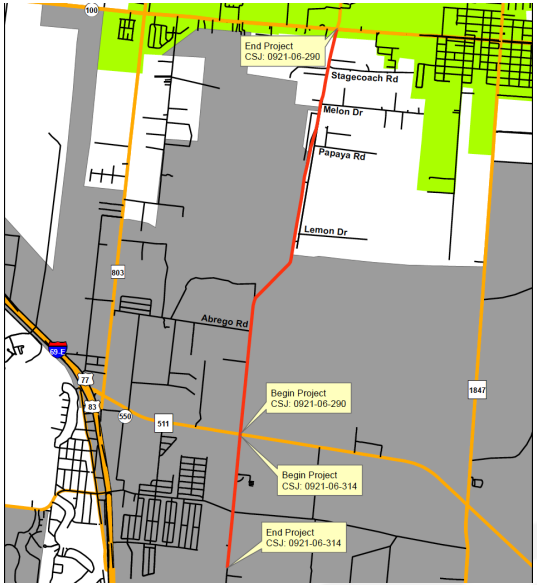


1	**Environmental**	- 85% complete
2	**Preliminary Engineering**	✓
3	**ROW & Utilities:**	- in process
4	**Design**	- pending
5	**Funding**	- partially funded

Project Needs:

- PE AFA - Currently under development and anticipated November 2019
- Schematics approved by TxDOT
- Coordinate with USFWS, IBWC, and USACE
- Secure Construction Funding – Possible TxDOT On-System Designation

Old Alice Rd
CSJ: 0921-06-290

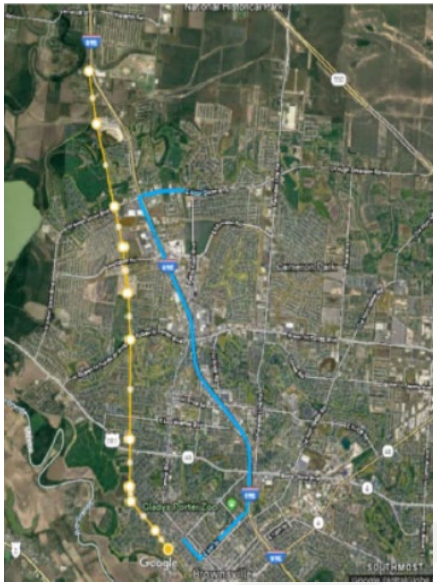


1	**Environmental**	- 85% complete
2	**Preliminary Engineering**	✓
3	**ROW & Utilities:**	✓
4	**Design**	- pending
5	**Funding**	✓

Project Needs:

- Environmental CE Approved by TxDOT – Under Development
- TIP / PE AFA Amendment to revise limits and funding
- Completion of PS&E
- Construction AFA

West Blvd
CSJ: 0921-06-293

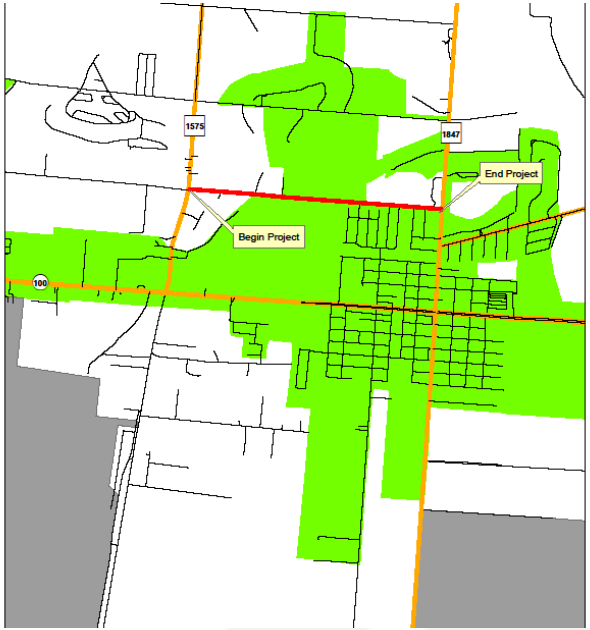


1	**Environmental**	- pending
2	**Preliminary Engineering**	- pending
3	**ROW & Utilities:**	- pending
4	**Design**	- pending
5	**Funding**	✓

Project Needs:

- Execution of PE AFA – Anticipated November 2019
- Consultant Selection
- Complete Environmental Document
- Full Construction Funding (partially funded)

Whipple Road
CSJ: 0921-06-292



1	Environmental	- pending
2	Preliminary Engineering	- pending
3	ROW & Utilities:	✓
4	Design	- pending
5	Funding	✓

Project Needs:

- Consultant Selection
- Complete CE Environmental Document
- Construction AFA

FM 509
CSJ: 0921-06-254

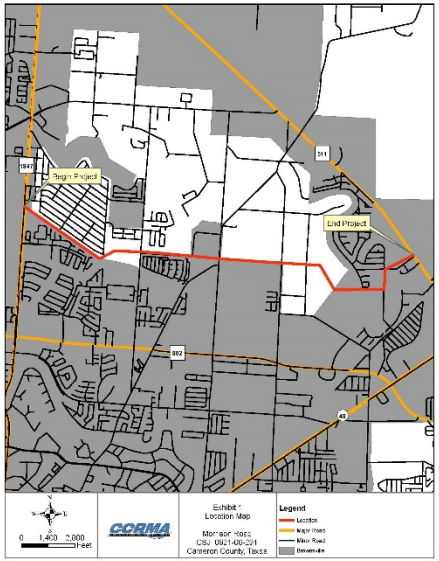


1	**Environmental**	- pending
2	**Preliminary Engineering**	- pending
3	**ROW & Utilities:**	- pending
4	**Design**	- pending
5	**Funding**	✓

Project Needs:

- Consultant Selection
- Complete EA Environmental Document
- TxDOT On-System Designation Minute Order and supporting documents
- Construction AFA

Morrison Road
CSJ: 0921-06-291



1	**Environmental**	- pending
2	**Preliminary Engineering**	- pending
3	**ROW & Utilities:**	- pending
4	**Design**	- pending
5	**Funding**	✓

Project Needs:

- Consultant Selection
- Complete EA Environmental Document
- UTP Funding – Currently in FY 2030

Indiana Avenue
CSJ: 0921-06-305



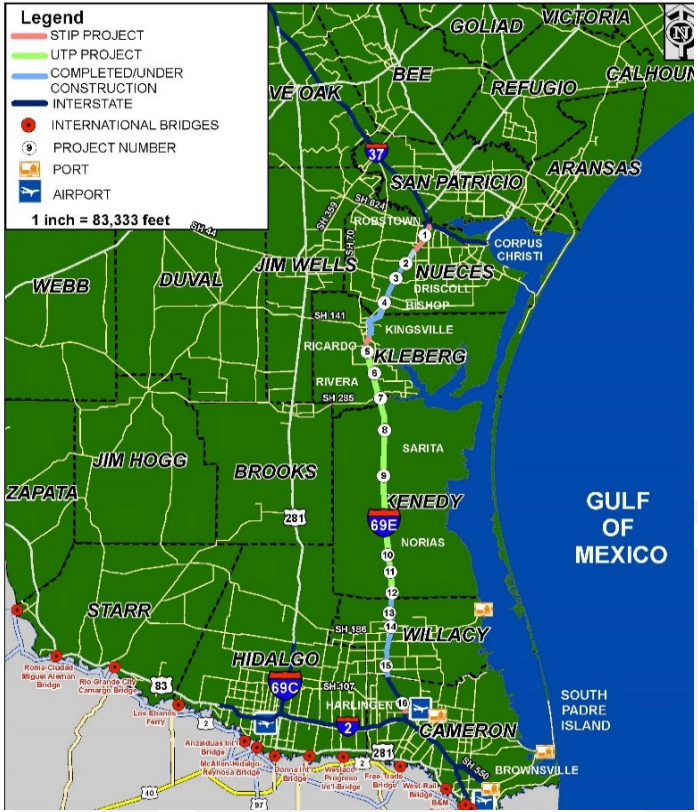
1	**Environmental**	- pending
2	**Preliminary Engineering**	- pending
3	**ROW & Utilities:**	- pending
4	**Design**	- pending
5	**Funding**	✓

Project Needs:

- Brownsville Airport Coordination
- Consultant Selection
- Complete Environmental Document

U.S. 77 – I69E Plan

Fully Funded by TxDOT - 2020 UTP



PROJECT #	TxDOT CSJ	DESCRIPTION	CONSTRUCTION COST (INTERIM)
1	0074-06-241	IH 37 from REDBIRD LN. (OVERPASS) to Nueces River. Widen Freeway By Constructing Additional 2 Travel Lanes Nb & 1 Additional Travel Lane sb	$ 60,000,000
2	0102-02-101	South of County Road 28 (Control Break) to North of FM 2826	$ 13,000,000
3	0102-03-083	County Road 16 to South of County Road 28 Driscoll Relief Route	$ 86,158,273
4	0102-03-082	FM 3354 to County Road 16	$ 23,240,669
5	0102-04-099	County Road 2130 to FM 1356 in Kingsville	$ 45,000,000
6	0102-04-097	County Road 2130 to 1.5 miles north of SH 285	$ 95,000,000
7	0327-09-002	1.5 miles north of SH 285 to Kenedy/Kleberg County Line Riviera Relief Route	$ 120,000,000
8	0327-02-056	8 miles South of La Parra Ave. to Kenedy/Kleberg County Line Riviera Relief Route	$ 20,500,000
9	0327-03-048	9.6 miles North of Norias Rd. to 8 Miles South of La Parra Ave.	$ 22,225,000
10	0327-04-037	9.6 MILES NORTH OF NORIAS RD to NORIAS RD.	$ 47,792,728
11	0327-05-041	NORIAS RD to 1.34 MI N OF WILLACY/KENEDY C.L.	$ 76,159,272
12	0327-05-042	Willacy/Kenedy County Line to 1.34 miles North of Willacy/Kenedy County Line	$ 7,192,983
13	0327-10-062	0.93 miles South of Willacy/Kenedy County line to Willacy/Kenedy County Line	$ 8,216,284
14	0327-10-057	BUS 77 to 0.93 miles South of Willacy/Kenedy County Line	$ 22,671,108
15	0327-10-063	SPUR 413 to Cameron/Willacy County Line	$ 4,380,000
16	0039-07-049	Industrial Blvd to LP499 - NB & SB RAMPS REVERSAL	$ 2,758,554.00
		Subtotals	**$ 654,294,871**

South Padre Island 2nd Access
CSJ: 0921-06-163

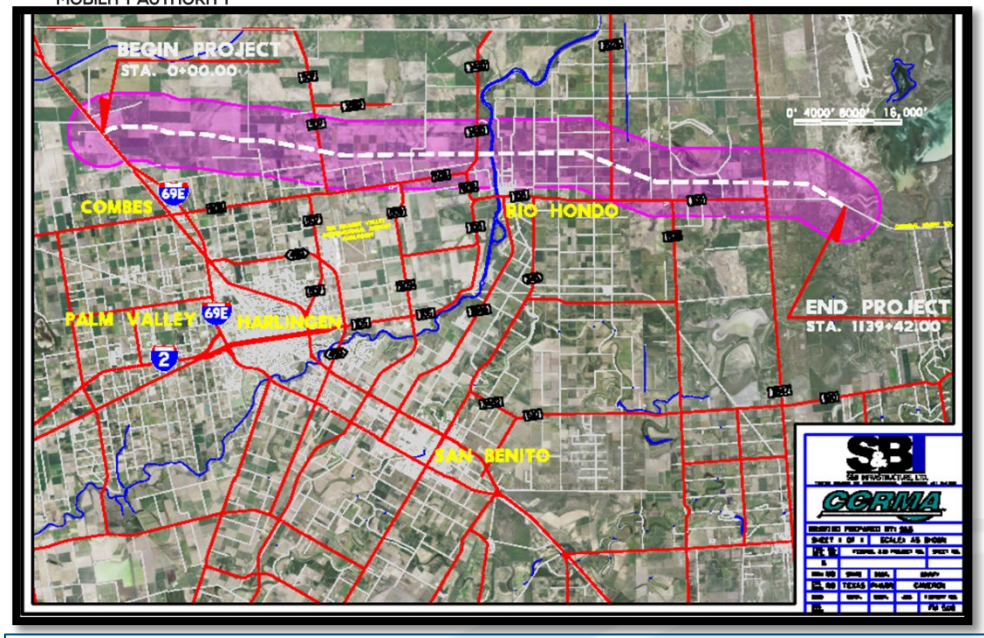


1	**Environmental**	- 75% complete
2	**Preliminary Engineering**	- 75% complete
3	**ROW & Utilities:**	- 30% complete
4	**Design**	- pending
5	**Funding**	- pending

Project Needs:

- Toll Project – Authority to continue development on project
- Incorporate value engineering results in revised schematic
- Complete EIS document

Outer Parkway
CSJ: 0921-06-283

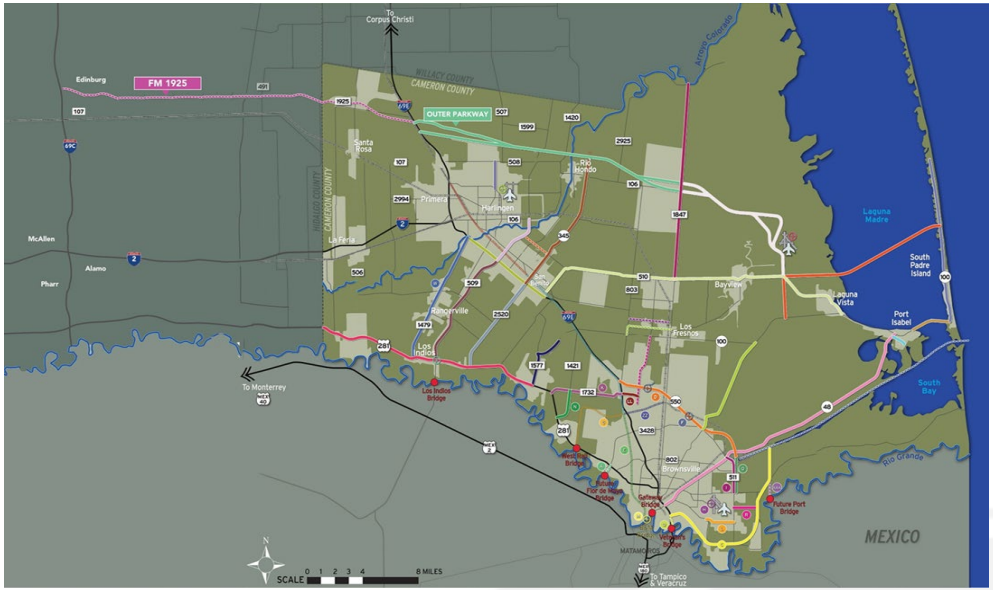


1	**Environmental**	- 25% complete
2	**Preliminary Engineering**	- 20% complete
3	**ROW & Utilities:**	- pending
4	**Design**	- pending
5	**Funding**	- partially funded

Project Needs:

- Toll Project – Authority to continue to develop
- Continue EA document
- Secure Funding

I-69 Connector (FM 1925 Extension)



1	**Environmental**	- TxDOT Lead
2	**Preliminary Engineering**	- TxDOT Lead
3	**ROW & Utilities:**	- TxDOT Lead
4	**Design**	- TxDOT Lead
5	**Funding**	- TxDOT Lead

Project Status:

- TxDOT branded the project as the I-69 Connector and widened study area.
- CCRMA is engaged with TxDOT and its consultants to develop potential alignment alternatives through the NEPA process.
- Can potentially align or extend to include future CCRMA Outer Parkway

CCRMA Transportation Technology Projects

CCRMA has developed technology to connect the current transportation systems, such as Toll Roads, Toll Bridges, and Parking Systems in order to create transportation efficiencies

- Goals to improve and increase trade efficiencies
- Use technology to connect systems and create a more seamless travel for Commercial and Passenger Traffic
- Develop useful data analytics for travelers of the Rio Grande Valley

CCRMA Transportation Technology Projects

Current Projects in Development/Planning Phase

Cameron County Bridges

- 12 ETC Lanes
- Integrate with CCRMA Tag
- Create mobile payment applications

Cameron County Parks

- 10 ETC Lanes
- Integrate with CCRMA Tag
- Create mobile payment solutions

Port of Brownsville

- 6 ETC Lanes
- Integrate annual and daily passes with CCRMA Tag
- Enhance security features of Port Entry

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD OF DIRECTORS MEETING FOR SEP 2019

HCRMA Board of Directors

S. David Deanda, Jr., Chairman
Forrest Runnels, Vice-Chairman
Ricardo Perez, Secretary/Treasurer
Francisco "Frank" Pardo, Director
Paul S. Moxley, Director
Alonzo Cantu, Director
Ezequiel Reyna, Jr., Director

HCRMA Staff

Pilar Rodriguez, PE, Executive Director
Eric Davila, PE, CFM, PMP, CCM, Chief Dev. Eng.
Ramon Navarro IV, PE, CFM, Chief Constr. Eng.
Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.
Jose Castillo, Chief Financial Ofcr.
Sergio Mandujano, Constr. Records Keeper
Maria Alaniz, Admin. Assistant

General Engineering Consultant

HDR ENGINEERING, INC.

Report on HCRMA Program Management Activity
Chief Development Engineer – Eric Davila, PE, CFM, PMP, CCM

Overview

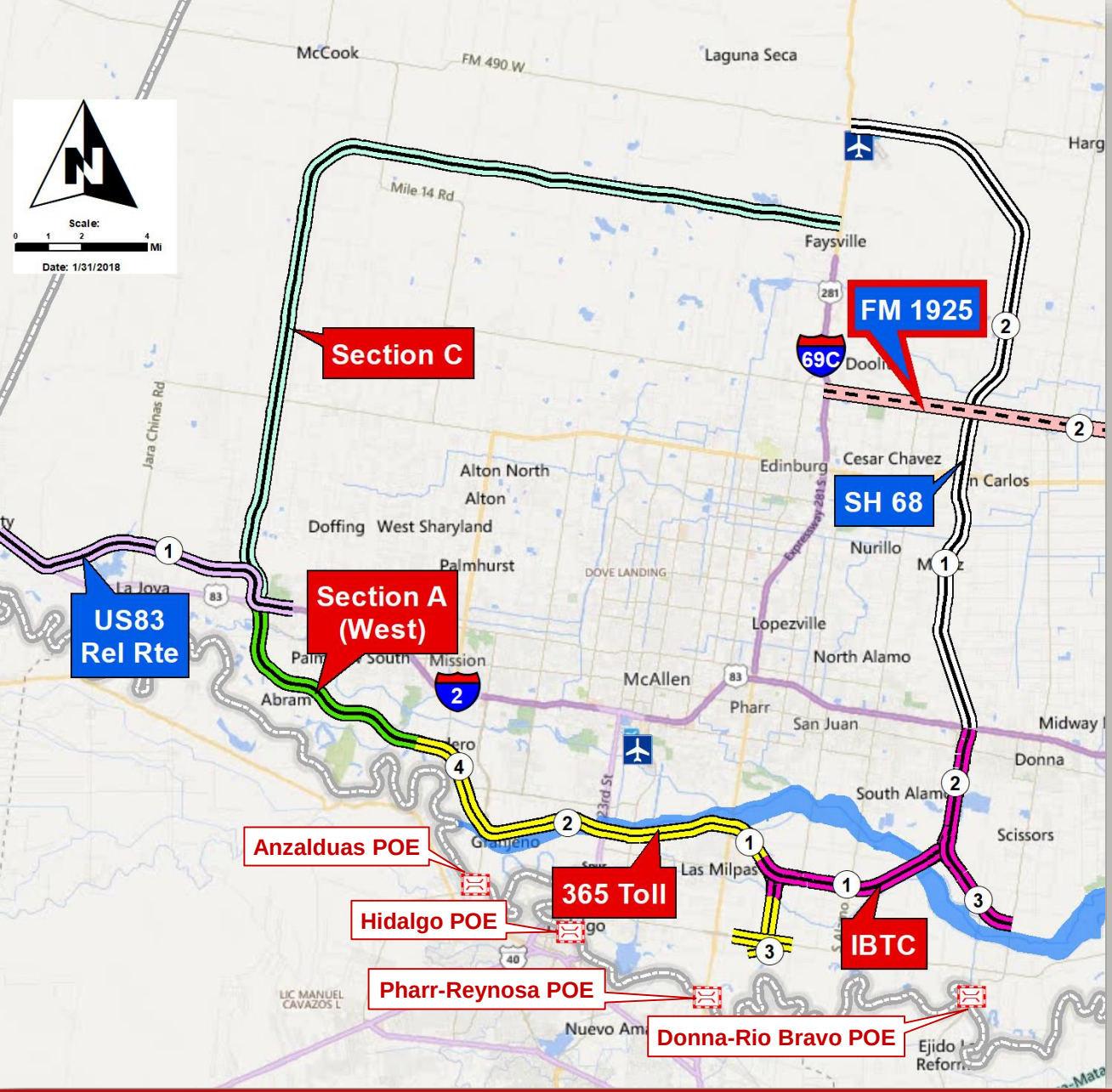
- 365 TOLL Project Overview
- IBTC Project Overview
- Overweight Permit Summary
- Construction Economics Update

MISSION STATEMENT:
"To provide our customers with a rapid and reliable alternative for the safe and efficient movement of people, goods and services"

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

HCRMA
STRATEGIC PLAN

DEVELOP THE INFRASTRUCTURE TO SERVE A POPULATION OF APPROXIMATELY 800,000 RESIDENTS AND 5 INTERNATIONAL PORTS OF ENTRY



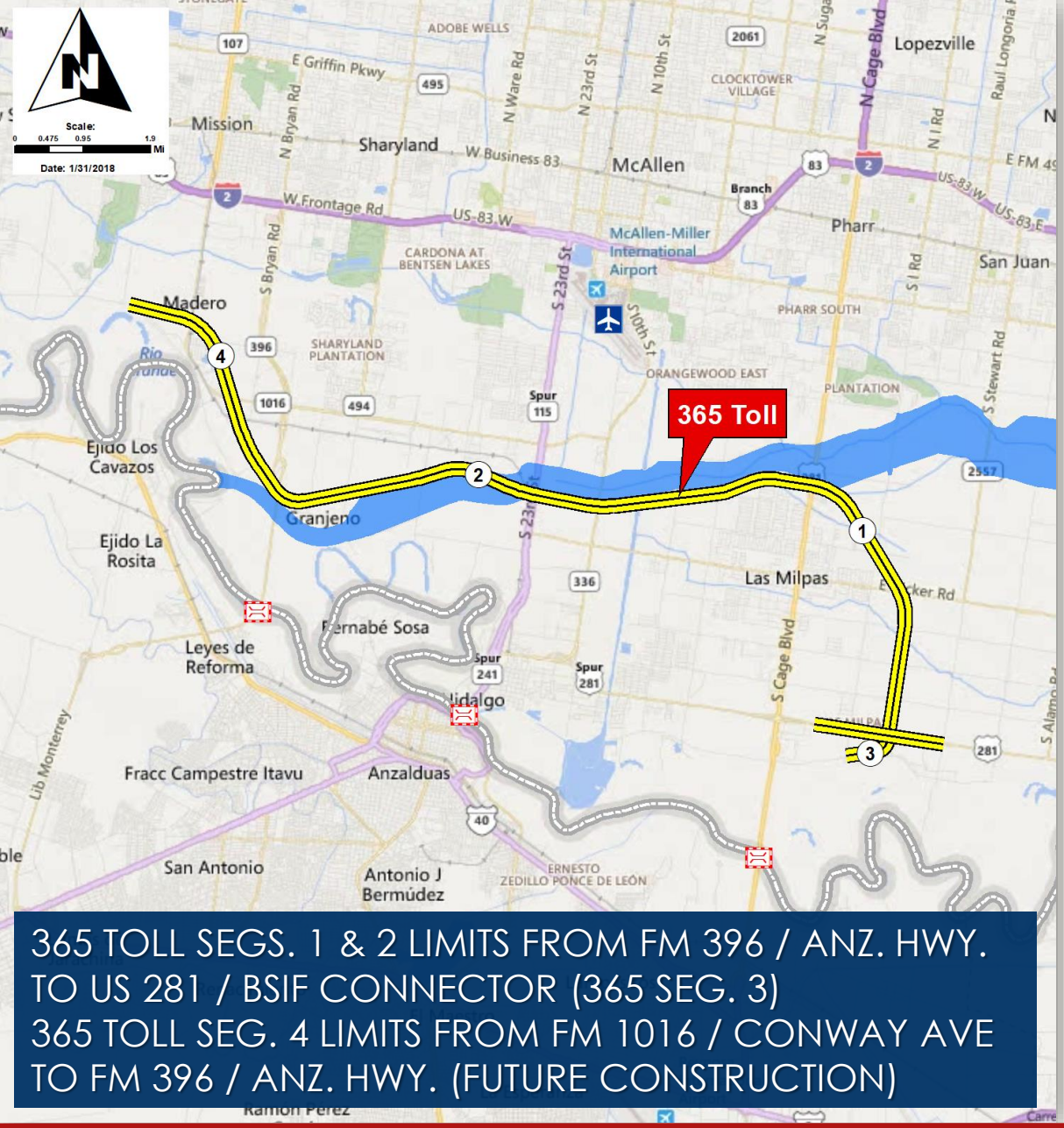
HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

2020 UTP Debrief

SYSTEM WIDE

- What's in the TxDOT Plan (Statewide Plan)
  - 365 Toll Project (2020 UTP plus PDA / FAA)
  - IBTC (not in 2020 UTP and has outdated PDA, HCRMA has requested new PDA since 2018. Funding commitments needed to draft FAA).
- What's in the RGVMPO (Local Plan)
  - 365 Toll Project (TIP / MTP) thru construction
  - IBTC Project (TIP / MTP) thru design (pending funding commitments to list thru construction)
- Moving Forward:
  - Means aligning both plans together in the 2021 UTP
  - Negotiate PDA's for 365 Toll and IBTC
  - Secure financial commitments

PDA – Project Development Agreement
FAA – Financial Assistance Agreement
TIP – Transportation Improvement Plan (Short range)
MTP – Metropolitan Transportation Plan (Long Range)



365 TOLL SEGS. 1 & 2 LIMITS FROM FM 396 / ANZ. HWY. TO US 281 / BSIF CONNECTOR (365 SEG. 3)
365 TOLL SEG. 4 LIMITS FROM FM 1016 / CONWAY AVE TO FM 396 / ANZ. HWY. (FUTURE CONSTRUCTION)

365 TOLL

HCRMA

MAJOR MILESTONES:

NEPA CLEARANCE
07/03/2015

98% ROW AS OF
09/30/2018

PH 1: 365 SEG. 3 –
LET: 08/2015
STARTED: 02/2016

PH 2: 365 TOLL SEGS. 1 & 2 –
RE-LET: 08/2019
START: TBD

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Ongoing Coordination with CBP

365 TOLL

- CBP initiated coordination / right of entry with HCRMA in 2018. By mid-2019 it became apparent the CBP Levee / Border Wall could impact this corridor.
- HCRMA in collaboration with local representatives from Senator Cornyn's Office and CBP met to discuss this potential conflict. Outcomes form the meeting include:
  - CBP committing to HCRMA that they would follow-up with once they've selected the Levee/ Border Wall Design Build (DB) contractor / designer end of July 2019.
  - HCRMA stated that their goal is to work toward design / construction solutions that can assure a coordinated effort that would allow both projects to proceed in the most efficient fashion possible.
- On August 27, 2019 received assurances from RGV Wall Project Delivery Team that the, "HCRMA can definitely move forward with plans without disruption to the project."

365 TOLL

Proposed Bid Plan for 2019

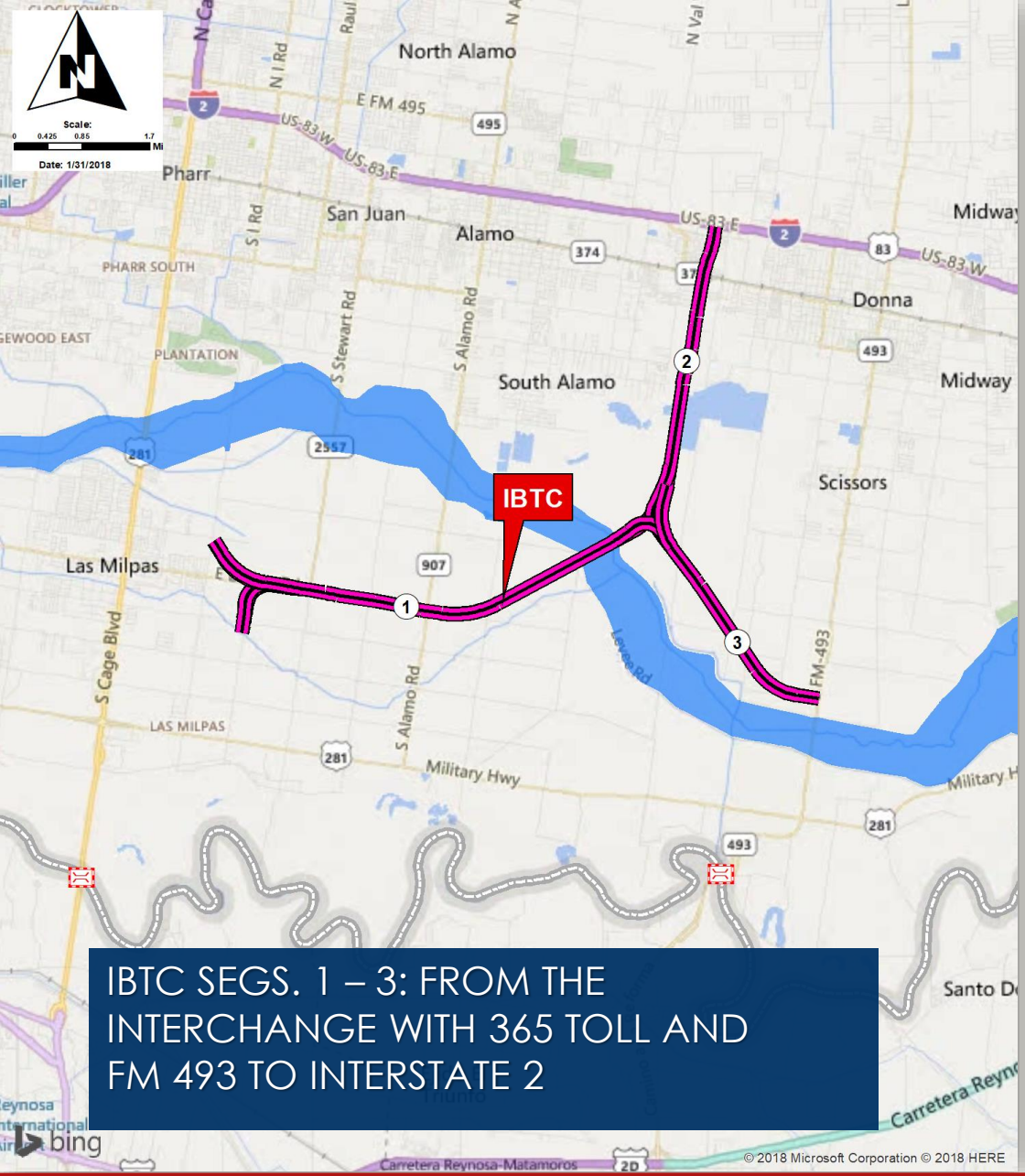
- Base Bid from FM 396 / Anzalduas Hwy to US 281 / Cage Blvd for the 4-lane (2+2) configuration;
- Bid Alternate #1 from US 281 / Cage Blvd to US 281 / Mil Hwy for a 2-lane (1+1) connector road;
- Bid Alternate #2 from US 281 / Cage Blvd to US 281 / Mil Hwy for a 4-lane (2+2) configuration; and
- Utilizes TxDOT Specification Item 2L Instructions to Bidders to signal the use of additive alternates.

Schedule (Tentative):

- **11/2019 – 12/2019**, Procure and then Award Engineering Services for the re-scoped 365 Tollway Plans, Specifications, & Estimates
- **05/2020**, Submit 100% 365 Toll rebid project plans / specs / estimate / bid proposal
- **06/2020**, Obtain permission to let the project
- **06/2020 - 07/2020**, Advertise the 365 Toll (60 days) & Hold prebid last week in July
- **08/2020**, 2nd week Open Bids & by 4th week conditionally award contract to responsive and responsible low bidder
- **10/2020**, TxDOT / FHWA concurrence with award of contract / HCRMA provides NTP to contractor
- **01/2025**, Open to traffic

365 TOLL

- **ENV.:**
  - Final USIBWC No Objection Letter acquired.
- **SURVEYS:**
  - SUE complete, "gap" parcels ongoing for public Row that needs to eventually get incorporated into HCRMA ROW Map.
- **ROW ACQUISITION:**
  - 22 parcels remaining
    (20 final resolution with irrigation districts), representing 5% of the remaining area.
- **UTILITY RELO.:**
  - Ongoing
- **DRAINAGE OUTFALLS:**
  - HCDD1 has finalized schematics on Outfalls 1 - 8 as well as PS&E for Outfalls 1*, 2, 3, 4. PS&E for Outfalls 1 Extension, 3a (Ware Rd Addition), and Outfalls 5 - 8 are pending release by HCRMA.
- **DESIGN (PS&E):**
  - Notice of a re-scope and rebid submitted to TxDOT 01/07/2019.
- **POST-NEPA ACTIVITY:**
  - USIBWC Coordination during Construction
  - USACE 404 Site Grading Improvements
- **GEC ACTIVITY (HDR ENGINEERING, INC.):**
  - Conducted due diligence on construction costs and operational modeling.
  - GEC Report completed, but will require update for the rescope.



IBTC SEGS. 1 – 3: FROM THE INTERCHANGE WITH 365 TOLL AND FM 493 TO INTERSTATE 2

IBTC

MAJOR MILESTONES:

OBTAINED EA ENV CLASSIF.: 11/2017

EST. NEPA CLEARANCE: 03/2020

EST. LETTING: 01/2021

EST. OPEN: 06/2024

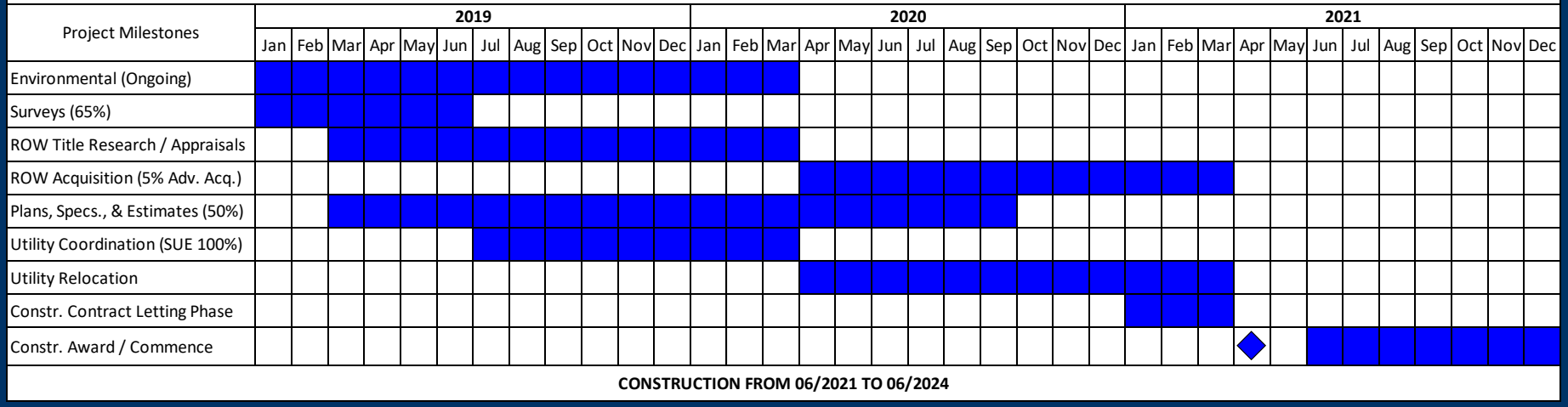
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HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

IBTC SCHEDULE

IBTC

International Bridge Trade Corridor (IBTC) (CSJ: 0921-02-142)

(From the Interchange with 365 Toll and FM 493 to Interstate 2)



CONSTRUCTION FROM 06/2021 TO 06/2024

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HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

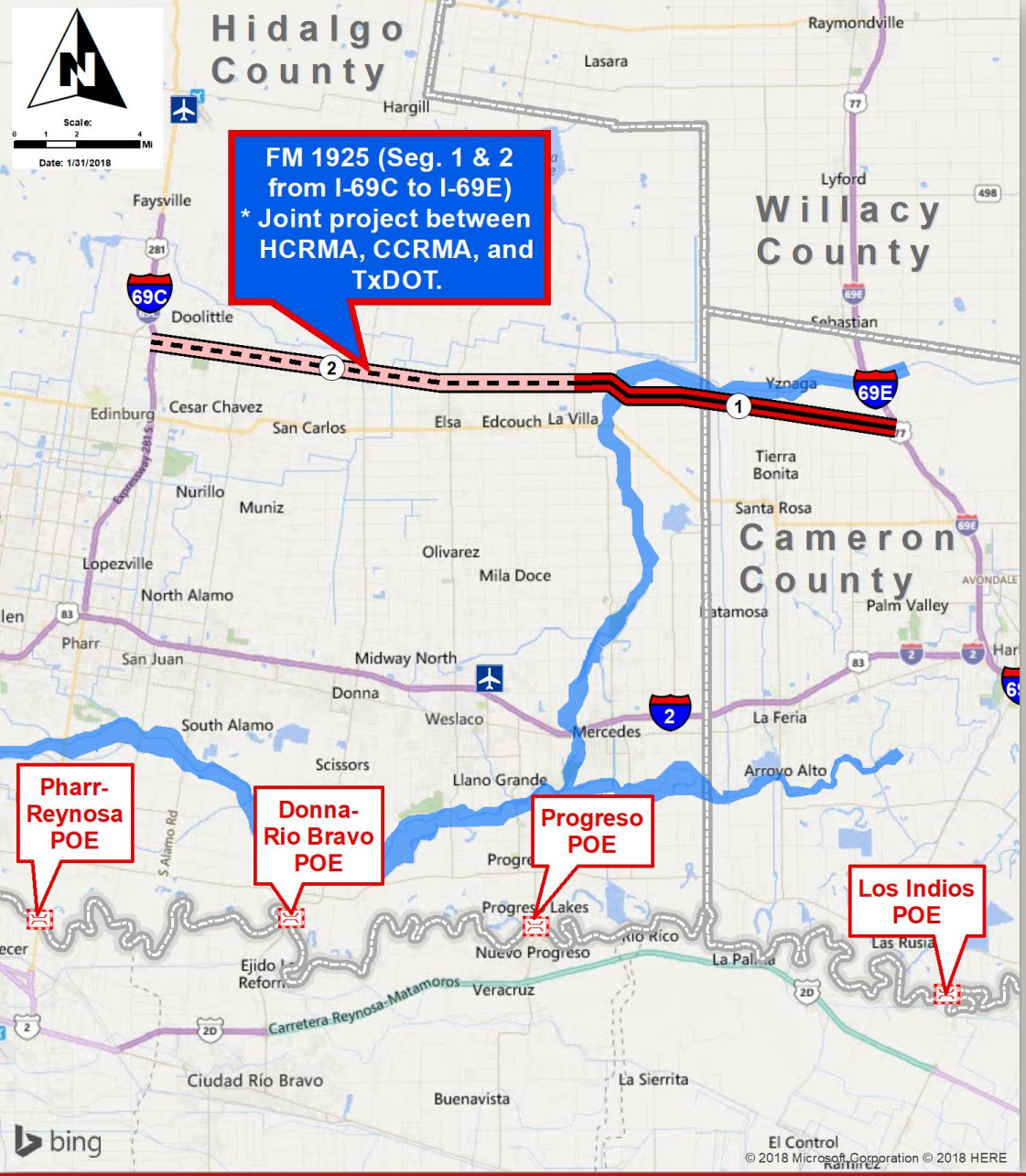
IBTC

Advance Planning

- Env.: Classification Letter and Scoping Toolkit Submitted Aug 2017
- Held IBTC Environmental Kick off with TxDOT PHR / ENV April 6, 2018.
- VRF UTP Matching Funds request processed at the HCMPO—pending adoption by TxDOT at State Level.
- All env. fieldwork complete: Waters of the US and Archeological trenching—Internal ROE efforts were instrumental to accelerating this work.
- Meeting held with EPA/TCEQ/TxDOT to discuss Donna Reservoir site for the Hazmat portion of the NEPA Document Oct 2018.
- Public Meeting took place at Donna High School March 29, 2019.
- All major milestone reports submitted and undergoing reviews: Project Description, Hazmat, Historic Resources, Public Meeting Summary Report, Waters of the US, and Archaeological Resources.
- Mitigation plans, as warranted, will be drawn up at completion of the milestone reports.

Other:

- Surveys (65% complete) – anticipate new survey pool procurement once TxDOT approves new federalized procurement procedures by end of Fall 2019.
- ROW Acquisition (5% complete)
- Utility Relo. (SUE 100%, coordination initiated, Overall 20%)
- Design (PS&E, 50% complete): On Hold



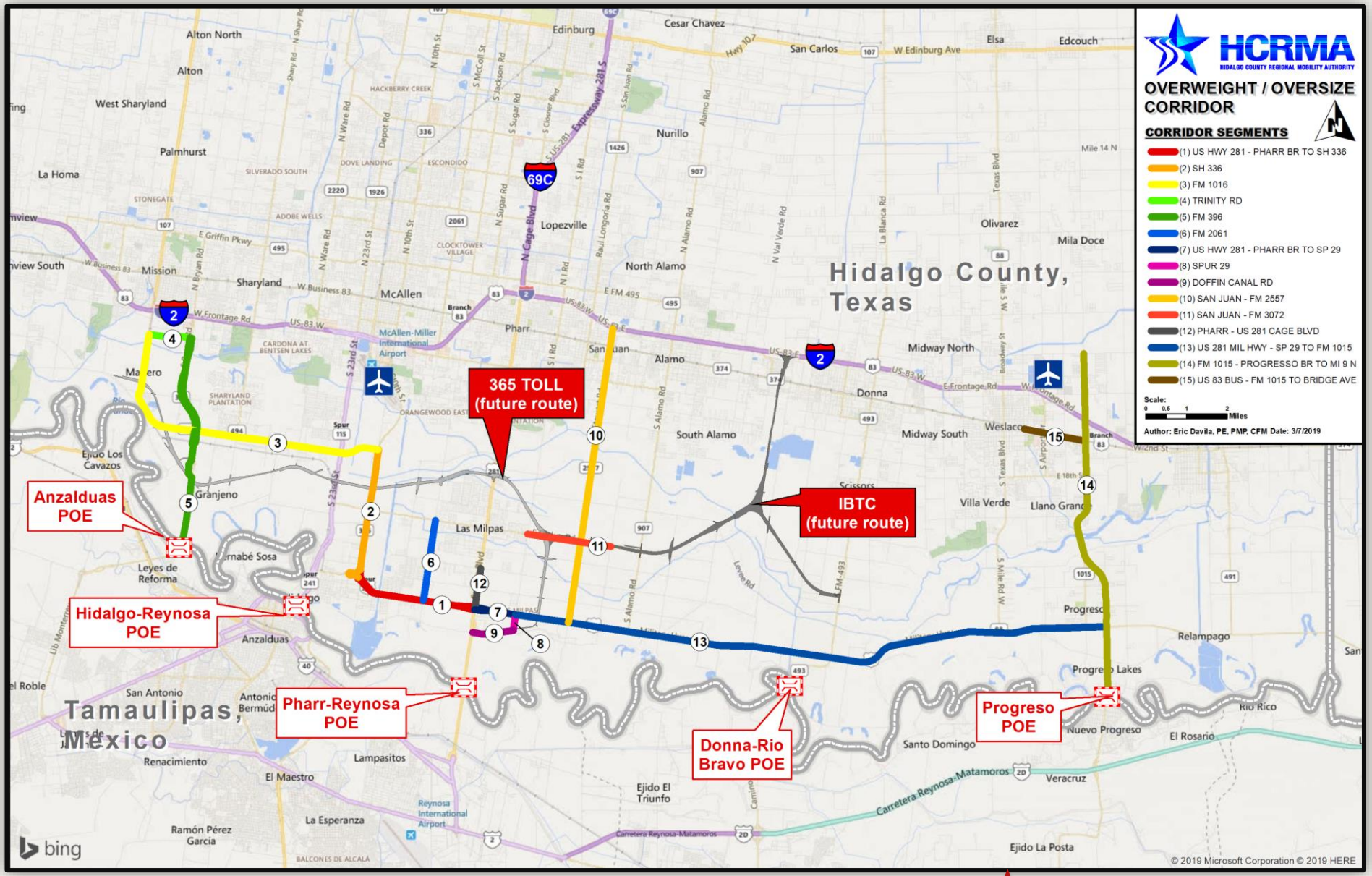
FM 1925

(COLLABORATION W/ TXDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- PROJECT LENGTH ~27 MILES
- FROM I-69C IN HIDALGO COUNTY TO I69-E IN CAMERON COUNTY
- KEY PARALLEL CORRIDOR TO I-2 WITH IMPORTANCE TO MOBILITY PROJECTS BY TXDOT, CCRMA AND HCRMA
- TXDOT COMMITTED SUPPLEMENTAL DEVELOPMENT AUTHORITY FUNDS FOR THE ENTIRE 27 MILE CORRIDOR AS AN EXPRESSWAY FACILITY.
- TXDOT HAS COMMITTED TO FUNDING THE DEVELOPMENT OF THE SCHEMATIC DESIGN AND ENVIRONMENTAL DOCUMENTS.
- STAKEHOLDER KICKOFF SCHEDULED FOR EARLY OCT 2019.

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Overweight Permits History
Jan 1, 2014 – Aug 31, 2019

OW

Total Permits Issued:	**138,969**
Total Amount Collected:	**$ 19,094,124**
■ **Convenience Fees:**	**$ 464,124**
■ **Total Permit Fees:**	**$ 18,630,000**
– Pro Miles:	$ 416,907
– TxDOT:	$ 15,835,500
– HCRMA:	$ 2,377,593

Overweight Permits Monthly Summary
Jan 1, 2019 – Aug 31, 2019

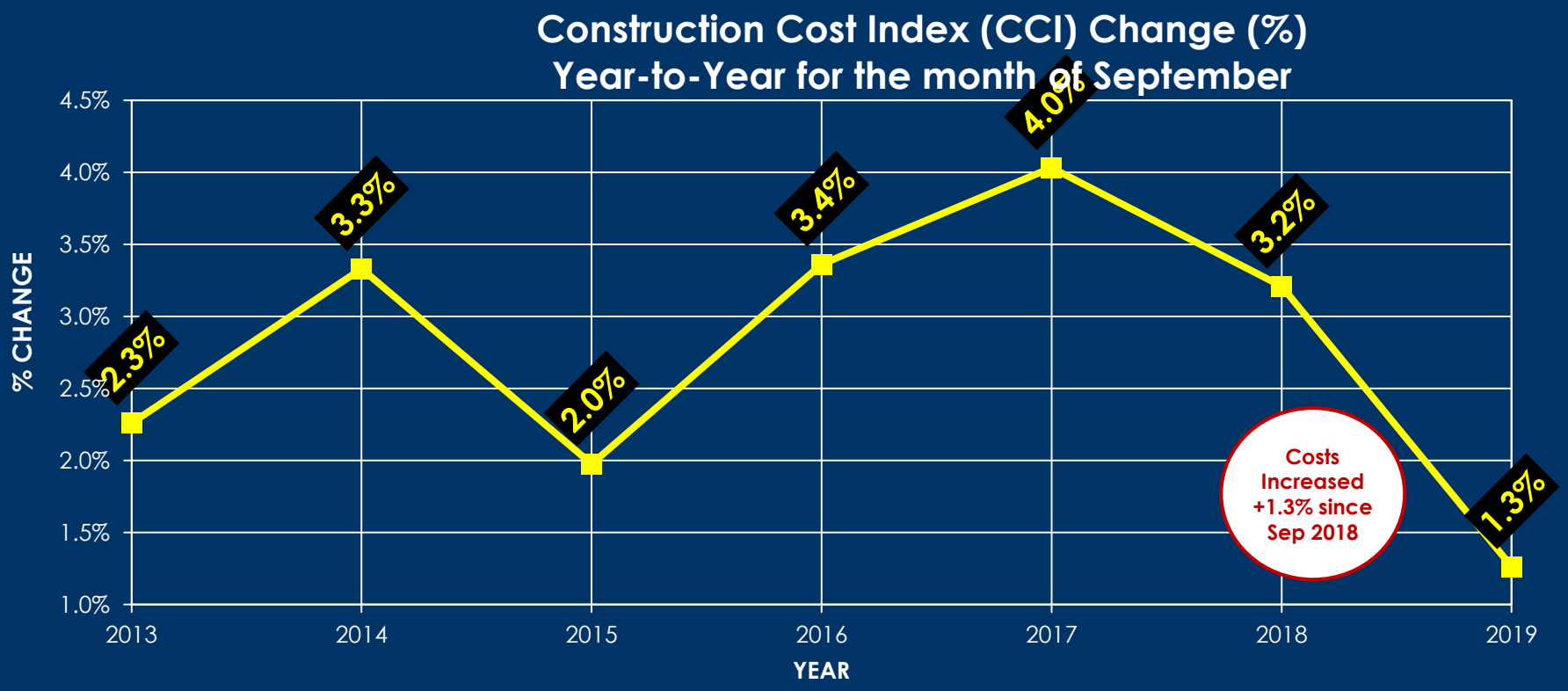
OW

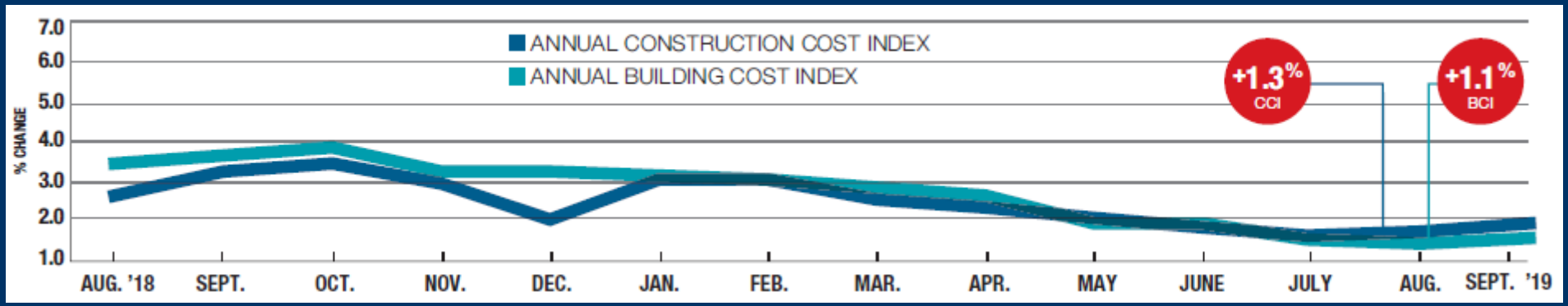
Total Permits Issued:	**24,120**
Total Amount Collected:	**$ 4,938,876**
■ **Convenience Fees:**	**$ 114,876**
■ **Total Permit Fees:**	**$ 4,824,000**
– Pro Miles:	$ 72,360
– TxDOT:	$ 4,100,400
– HCRMA:	$ 651,240

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Constr. Economics September 2019

CE





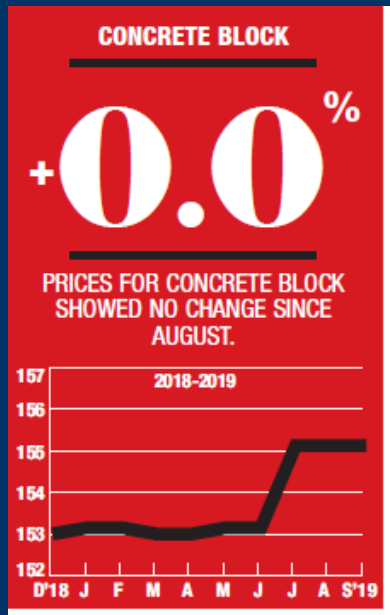
Source: McGraw Hill Construction ENR

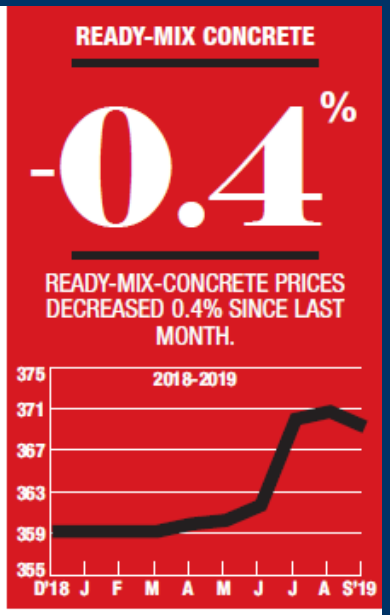
CONSTR. ECONOMICS SEPTEMBER 2019

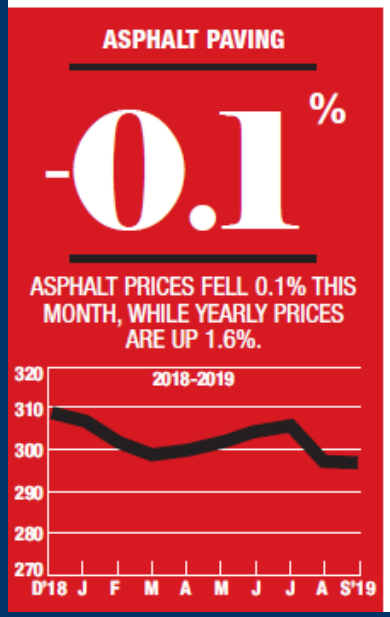
- The 20-city average price for liquid asphalt has changed as follows:
  - Monthly price decreased 0.1%.
  - Yearly price increased 1.6% since 2018.

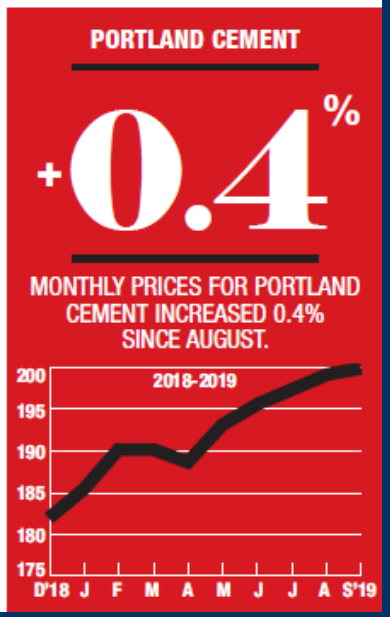
20-CITY AVERAGE

ITEM	UNIT	$PRICE	%MONTH	%YEAR
ASPHALT PAVING				
PG 58	TON	424.15	–0.1	+1.6
Cutback, MC800	TON	392.43	–0.1	+0.8
Emulsion, RAPID SET	TON	360.08	–0.1	–0.1
Emulsion, SLOW SET	TON	370.47	–0.1	–0.2
PORTLAND CEMENT				
Type one	TON	140.55	+0.4	+22.3









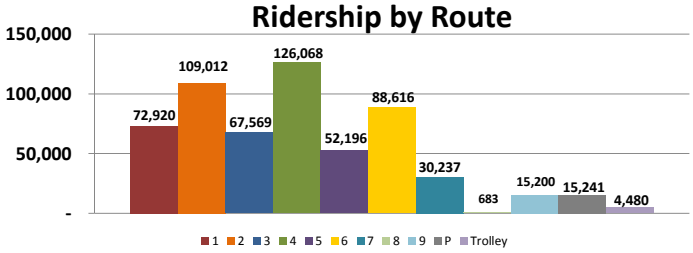
FY 2018-2019 METRO MCALLEN

OCTOBER 1, 2018 thru AUGUST 31, 2019 Ridership and Fares

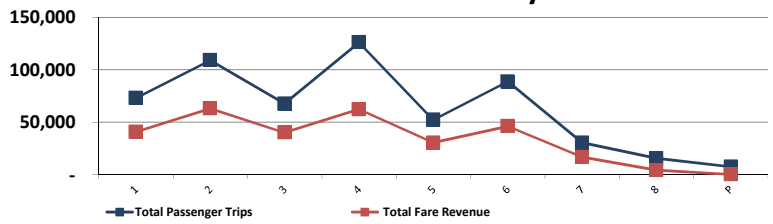
TOTAL RIDERSHIP= 586,848

TOTAL ANNUAL FARE REVENUE= $315,551

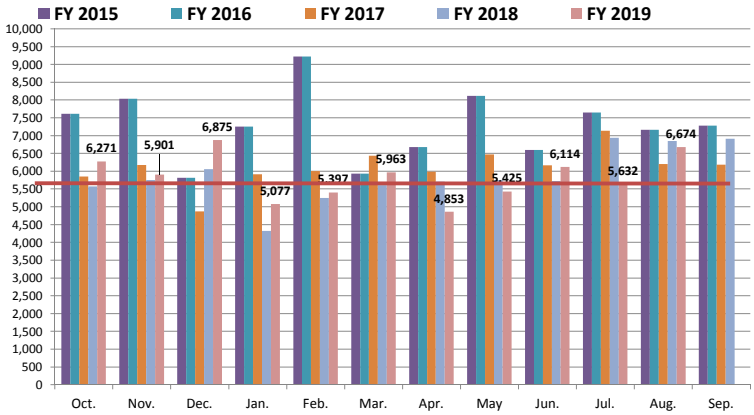
Ridership by Route



Route Summary



SERVICE EXTENSION - YTD Ridership



EXT. SERVICES TOTAL RIDERS:

64,184

MONDAY – SATURDAY

7:00PM – 10:00PM

1 2 4 6 8 9

SUNDAYS

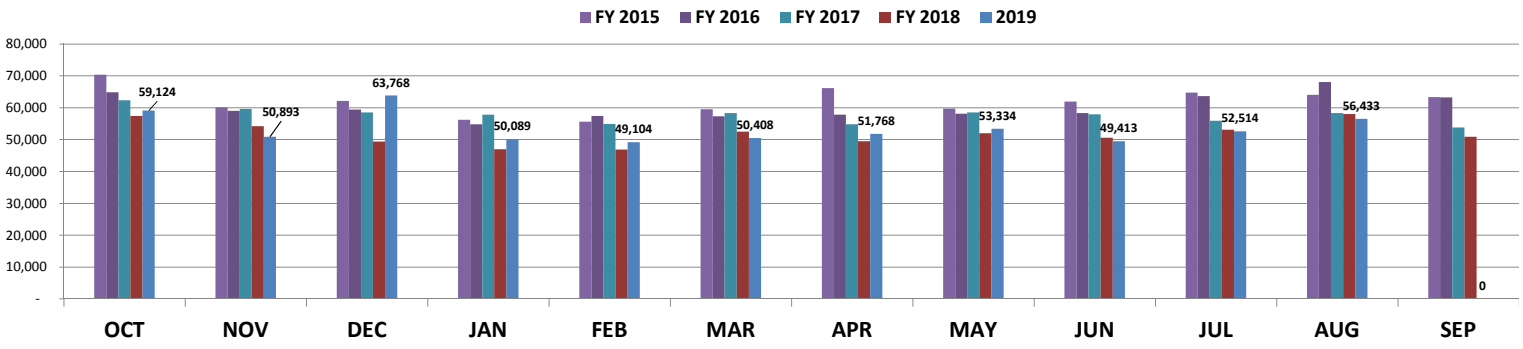
8:00AM – 7:00PM

1 2 4 6 8

MONTHLY RIDERSHIP OF SERVICE EXPANSION

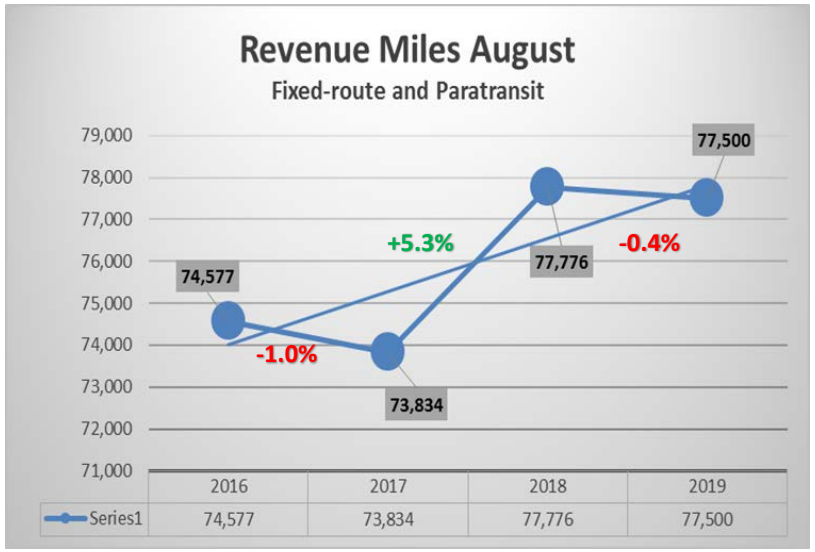
Fiscal Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	TOTAL
FY 2015	7,415	7,844	6,606	6,173	6,700	8,102	7,320	8,758	6,457	8,416	8,098	7,781	89,669
FY 2016	7,611	8,034	5,811	7,251	9,216	5,927	6,670	8,112	6,592	7,643	7,158	7,275	87,300
FY 2017	5,848	6,166	4,867	5,907	5,998	6,435	5,982	6,468	6,158	7,130	6,201	6,177	73,337
FY 2018	5,566	5,750	6,052	4,318	5,245	5,607	5,700	5,747	5,718	6,937	6,847	6,910	70,397
FY 2019	6,271	5,901	6,875	5,077	5,397	5,963	4,853	5,425	6,114	5,632	6,674		64,184

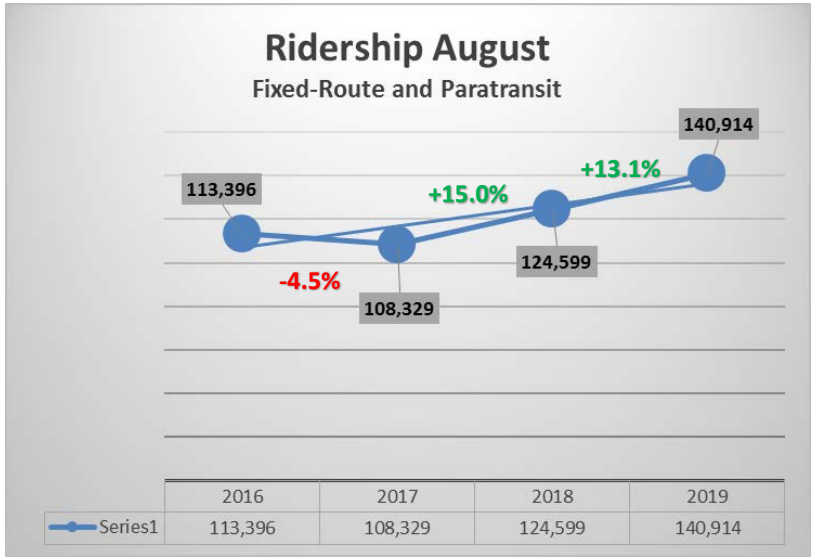
FY 2015 - FY 2019 RIDERSHIP SUMMARY

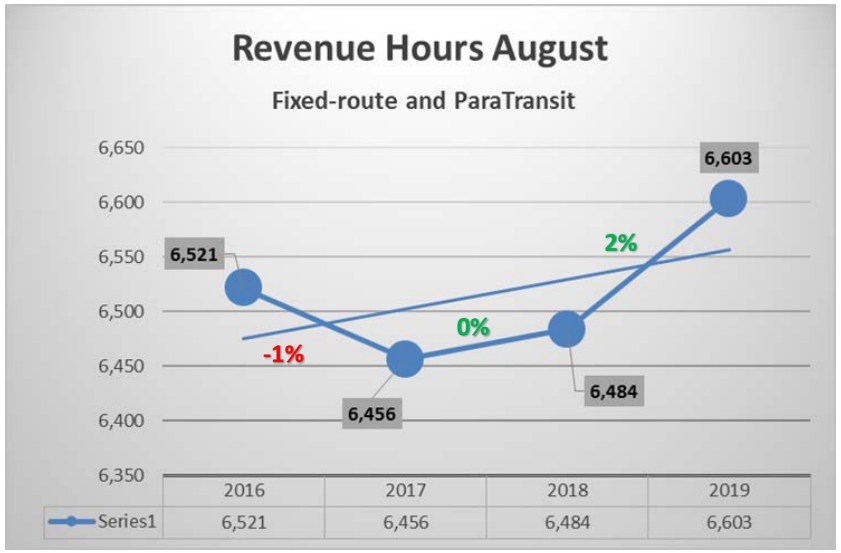


Fiscal Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	%Change
FY 2015	70,297	60,077	62,098	56,128	55,531	59,519	66,078	59,643	61,851	64,734	64,012	63,346	743,314	-2%
FY 2016	64,794	59,028	59,372	54,790	57,424	57,302	57,775	58,086	58,252	63,595	68,022	63,240	721,681	-3%
FY 2017	62,302	59,579	58,435	57,775	54,853	58,309	54,799	58,516	57,869	55,857	58,318	53,713	690,326	-4%
FY 2018	57,362	54,208	49,299	46,919	46,832	52,501	49,400	51,919	50,509	53,107	57,952	50,802	620,809	-10%
FY 2019	59,124	50,893	63,768	50,089	49,104	50,408	51,768	53,334	49,413	52,514	56,433	0	586,848	-5%

Brownsville Metro Report







RGVMPO

RIO GRANDE VALLEY METROPOLITAN PLANNING ORGANIZATION

Rio Grande Valley Metros Performance Report

October 2019

Contents

Executive Summary.....3

Transit Metro Statistics, August 2019.....4

1. Metro McAllen.....4
2. Island Metro.....4
3. Valley Metro.....4
4. BMetro.....4

Executive Summary

Operating under the umbrella of the newly-christened Rio Grande Valley Metropolitan Planning Organization, the four independent transit service providers—BMetro, Island Metro, Metro McAllen and Valley Metro—all share a rich and extensive history servicing the broad expanse that is the Rio Grande Valley.

From South Padre Island to the furthest outskirts of Zapata County, the transit services provide an efficient and cost-effective way for people to move from one end of the Valley to another—all while maintaining the integrity and level of service that the citizenry deserve. Under the RGVMPO banner, the opportunities for these services to flourish and expand will be even greater, leading to a more enriched transit experience for future generations to come.

A brief assessment of current performance levels for each metro service is outlined over the following pages, examining figures for revenue hours, revenue miles and actual ridership. NOTE: The most updated figures for September 2019 are not currently available—figures from August 2019 will be utilized.

Transit Metro Statistics, August 2019

Metro McAllen

August 2019	Revenue Hours	Revenue Miles	Unlinked Passenger Trips
	3,485	**50,795**	**47,430**

Island Metro

August 2019	Revenue Hours	Revenue Miles	Unlinked Passenger Trips
	1,731	**31,008**	**37,369**

Valley Metro

August 2019	Revenue Hours	Revenue Miles	Unlinked Passenger Trips
	8555	**183163**	**64,773**

BMetro

August 2019	Revenue Hours	Revenue Miles	Unlinked Passenger Trips
	No Data	*No Data*	*No Data*

Grand Total

August 2019	Revenue Hours	Revenue Miles	Unlinked Passenger Trips
	13,771	**264,966**	**149,572**