

# HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

## NOTICE OF AND AGENDA FOR A REGULAR MEETING TO BE HELD BY THE BOARD OF DIRECTORS

DATE: TUESDAY, DECEMBER 17, 2024  
TIME: 5:30 PM  
PLACE: HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
LARGE CONFERENCE ROOM  
203 W. NEWCOMBE AVE.  
PHARR, TEXAS 78577

PRESIDING: ROBERT L. LOZANO, CHAIRMAN

*An electronic copy of the agenda packet can be obtained at [www.hcrma.net](http://www.hcrma.net)*

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### PLEDGE OF ALLEGIANCE

### INVOCATION

### CALL TO ORDER OF A WORKSHOP

1. Review of the 2025 Strategic Plan Update for the Hidalgo County Regional Mobility Authority Loop System.

### CALL TO ORDER AND ESTABLISHMENT OF A QUORUM FOR A REGULAR MEETING

### PUBLIC COMMENT

#### 1. REPORTS

- A. Report on Program Management Activity for 365 Tollway Project – Ruben Alfaro, HCRMA
- B. Report on Construction Activity for 365 Tollway Project – Ramon Navarro IV, HCRMA.

2. **CONSENT AGENDA** *(All matters listed under Consent Agenda are considered to be routine by the Governing Body and will be enacted by one motion. There will be no separate discussion of these items; however, if discussion is desired, that item(s) will be removed from the Consent Agenda and will be considered separately. The Governing Body may also elect to go into Executive Session on any item on this agenda, whether or not such item(s) are posted as an Executive Session Item, at any time during the meeting when authorized by provisions of the Open Public Meeting Act.)*

- A. Approval of Minutes for the Regular Board Meeting held November 19, 2024.
- B. Approval of Project & General Expense Report for the period from November 7, 2024, to December 4, 2024.
- C. Approval of Financial Reports for October 2024.
- D. Resolution 2024-50 – Consideration and Approval of Work Authorization Number 6 to provide surveying services to amend parcels for the Enbridge/Texas Eastern Pipeline agreement.
- E. Resolution 2024-51- Consideration and approval of Contract Amendment No. 10 with Quintanilla, Headly, & Associates to increase maximum payable amount for Work Authorization Number 6.

### **3. REGULAR AGENDA**

- A. Resolution 2024-45 – Resolution Supporting State Highway 68 Design Modification Route Number 7.
- B. Resolution 2024-48 – Adoption of the Fiscal Year 2025 Operating and Capital Budget for the Hidalgo County Regional Mobility Authority.
- C. Resolution 2024-49 – Adoption of 2025-2029 Strategic Plan Update for the Hidalgo County Regional Mobility Authority Loop System.
- D. Resolution 2024-52 – Consideration and Approval of Change Order Number 14 to that Certain Contract with Pulice Construction, Inc. for the 365 Tollway.

### **4. CHAIRMAN'S REPORT**

- A. None.

### **5. TABLED ITEMS**

- A. None.

### **6. EXECUTIVE SESSION, CHAPTER 551, TEXAS GOVERNMENT CODE, SECTION 551.071 (CONSULTATION WITH ATTORNEY), SECTION 551.072 (DELIBERATION OF REAL PROPERTY), AND SECTION 551.074 (PERSONNEL MATTERS)**

- A. Consultation with Attorney on legal issues pertaining to the advance project development of the 365 Tollway Segment 4, Section "A" West and Section "C" of the Hidalgo County Loop System (Section 551.071 T.G.C.).
- B. Consultation with Attorney on legal issues pertaining to the Joint Use Agreement between Hidalgo County Irrigation District Number 2 and the Hidalgo County Regional Mobility Authority for the 365 Tollway Project (Section 551.071 T.G.C.).
- C. Consultation with Attorney on legal issues pertaining to Change Order Number 1-13 to that certain contract with Pulice Construction Inc. for the 365 Tollway Project (Section 551.071 T.G.C.).
- D. Consultation with Attorney on legal issues pertaining to the Financial Assistance Agreement with the Texas Department of Transportation for the 365 Tollway Project (Section 551.071 T.G.C.).
- E. Consultation with Attorney on legal issues pertaining to Professional Service Agreements for Inspection, Engineering, Surveying and Environmental Services to include construction material testing (Section 551.071 T.G.C.).
- F. Consultation with Attorney on legal issues pertaining to the voluntary acquisition of real property for various parcels for the 365 Tollway Project and International Bridge Trade Corridor Project (Sections 551.071 and 551.072 T.G.C.).
- G. Consultation with Attorney on legal issues pertaining to the acquisition, including the use of Eminent Domain, for property required to complete the project alignments of the 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).
- H. Consultation with Attorney on legal issues pertaining to the Environmental Clearance Document for the International Bridge Trade Corridor Project (Section 551.071 T.G.C.).
- I. Consultation with Attorney on legal issues pertaining to Professional Services Agreements (Section 551.071 T.G.C.).

### **ADJOURNMENT OF REGULAR MEETING**

## **CERTIFICATION**

I, the Undersigned Authority, do hereby certify that the attached agenda of the Hidalgo County Regional Mobility Authority Board of Directors is a true and correct copy and that I posted a true and correct copy of said notice on the Hidalgo County Regional Mobility Authority Web Page ([www.hcrma.net](http://www.hcrma.net)) and the bulletin board in the Hidalgo County Regional Mobility Authority office (203 W. Newcombe Ave, Pharr, Texas 78577), a place convenient and readily accessible to the general public at all times, and said Notice was posted on the 14<sup>th</sup> day of **December 2024** at **5:00 pm** and will remain so posted continuously for at least 72 hours preceding the scheduled time of said meeting in accordance with Chapter 551 of the Texas Government Code.

Maria E. Alaniz  
Program Coordinator

Note: If you require special accommodations under the Americans with Disabilities Act, please contact Maria E. Alaniz at 956-402-4762 at least 96 hours before the meeting.

## **PUBLIC COMMENT POLICY**

Public Comment Policy: "At the beginning of each HCRMA meeting, the HCRMA will allow for an open public forum/comment period. This comment period shall not exceed one-half (1/2) hour in length and each speaker will be allowed a maximum of three (3) minutes to speak. Speakers addressing the Board through a translator will be allowed a maximum of six (6) minutes.

All individuals desiring to address the HCRMA must be signed up to do so, prior to the open comment period. For meetings being held by telephonic or videoconference, individuals may contact Maria. E. Alaniz at (956) 402-4762 before 5:00 pm day of the meeting.

The purpose of this comment period is to provide the public an opportunity to address issues or topics that are under the jurisdiction of the HCRMA. For issues or topics which are not otherwise part of the posted agenda for the meeting, HCRMA members may direct staff to investigate the issue or topic further. No action or discussion shall be taken on issues or topics which are not part of the posted agenda for the meeting. Members of the public may be recognized on posted agenda items deemed appropriate by the Chairman as these items are considered, and the same time limitations applies."

**Note:** Participation by Telephone/Video Conference Call – One or more members of the HCRMA Board of Directors may participate in this meeting through a telephone/video conference call, as authorized by Sec. 370.262, Texas Transportation Code.

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# Workshop

## Item 1

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  1  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>12/10/2024</u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>12/17/2024</u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **REVIEW OF THE 2025 STRATEGIC PLAN UPDATE FOR THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY LOOP SYSTEM.**
  
2. Nature of Request: (Brief Overview) Attachments:  Yes  No  
Review of the 2024 Strategic Plan Update for the HCRMA Loop System.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:  Yes  No  N/A
  
5. Staff Recommendation: **Review of the 2025 Strategic Plan Update for the Hidalgo County Regional Mobility Authority Loop System.**
  
6. Program Manager's Recommendation:  Approved  Disapproved  None
7. Planning Committee's Recommendation:  Approved  Disapproved  None
8. Board Attorney's Recommendation:  Approved  Disapproved  None
9. Chief Auditor's Recommendation:  Approved  Disapproved  None
10. Chief Financial Officer's Recommendation:  Approved  Disapproved  None
10. Chief Development Engineer's Recommendation:  Approved  Disapproved  None
11. Chief Construction Engineer's Recommendation:  Approved  Disapproved  None
12. Executive Director's Recommendation:  Approved  Disapproved  None



# HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

## HCRMA Board of Directors

- Robert L. Lozano - Chairman**
- Ezequiel Reyna, JR., Vice Chairman**
- Juan Carlos Del Angel, Secretary/Treasurer**
- Gabriel Kamel, Director**
- Francisco "Frank" Pardo, Director**
- Sergio Saenz, Director**
- Michael J. Williamson, Director**

## HCRMA Staff

- Pilar Rodriguez, PE, Executive Director**
- Ramon Navarro IV, PE, CFM, Chief Constr. Engineer**
- Celia Gaona, CIA, Chief Auditor/Compliance Officer.**
- Jose Castillo, Chief Financial Officer.**
- Ruben Alfaro, PE, CFM, Development Engineer**
- Sergio Mandujano, Constr. Records Keeper**
- Maria Alaniz, Program Coordinator**
- Ivonne Rodriguez, Program Coordinator**

## General Engineering Consultant

**HDR ENGINEERING, INC.**

# Strategic Plan Update 2025-2029

**UPDATED  
DECEMBER 2024**







**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

**HCRMA/TxDOT Strategic Interests in Hidalgo County Project**

- 0010 IBTC
- 0030 365 TOLL
- 0040 Segment A West
- 0050 US 83 Relief Route
- 0060 Section C
- 0070 SH 68
- 0080 Section E
- 0090 Section F
- I-69 Connector 2
- I-69 Connector 1

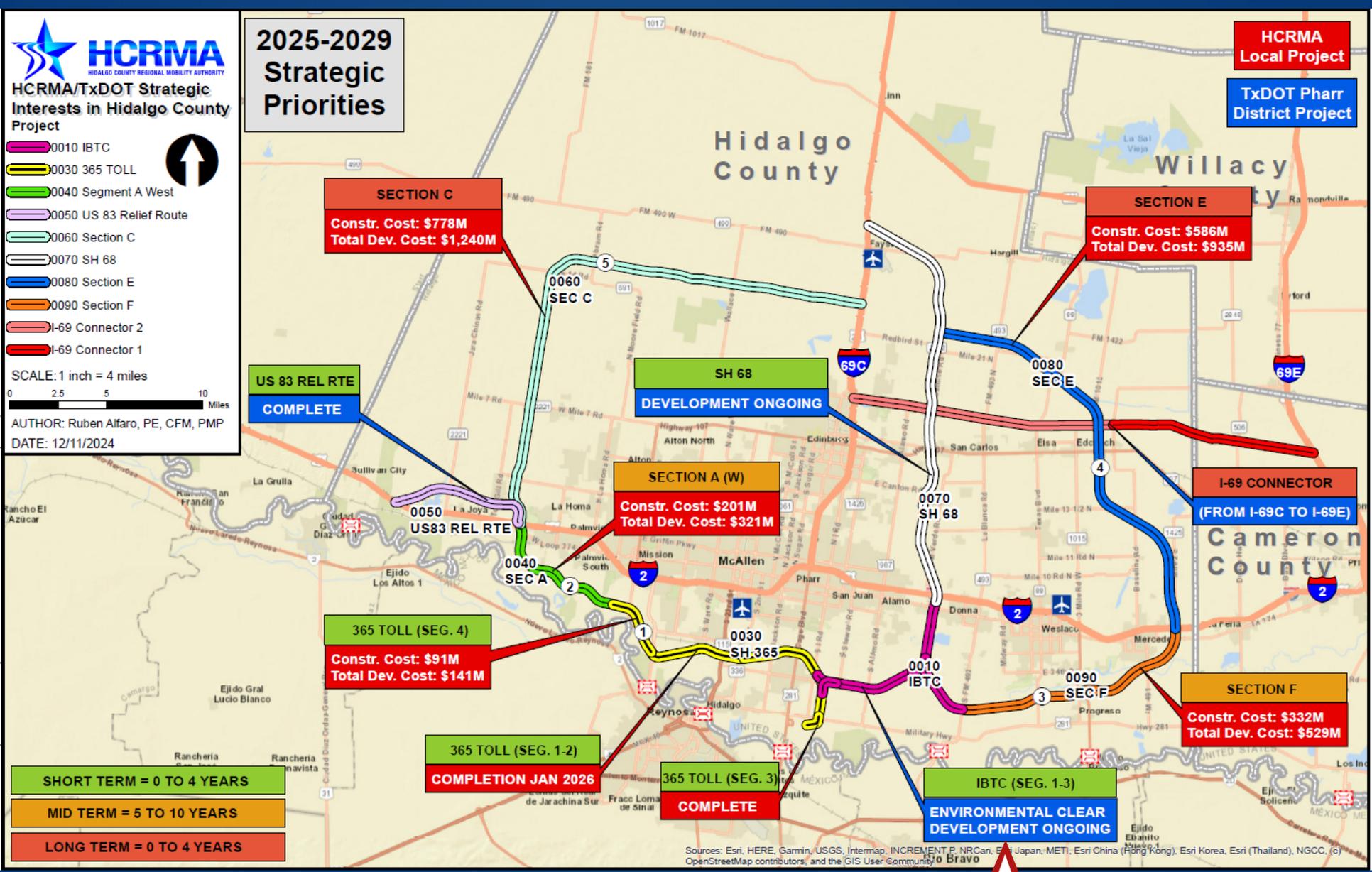
SCALE: 1 inch = 4 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
DATE: 12/11/2024

**2025-2029 Strategic Priorities**

**HCRMA Local Project**

**TxDOT Pharr District Project**



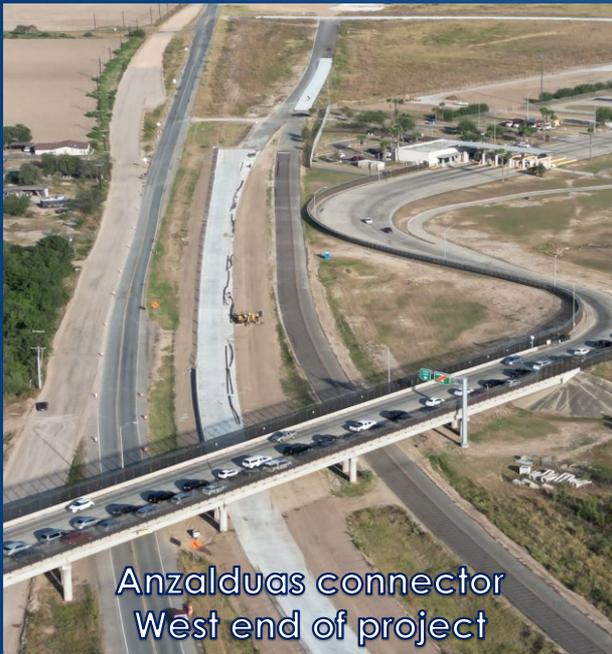
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



# 365 TOLL SEGMENTS 1 & 2



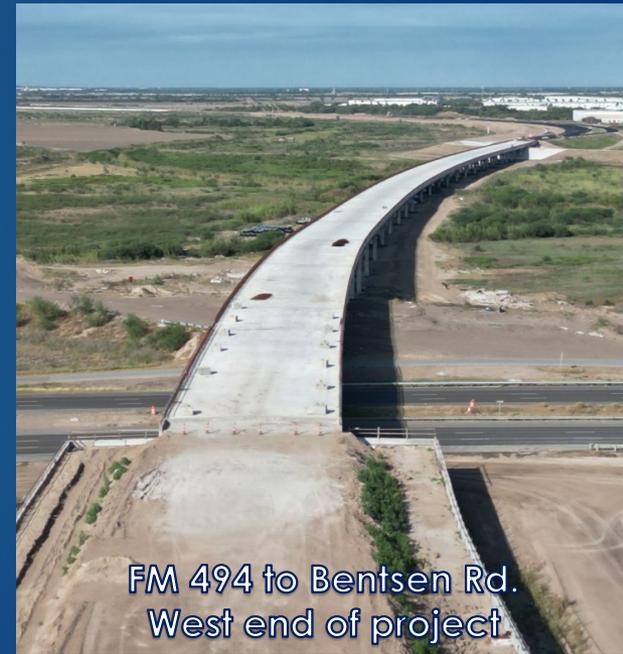
- ❑ Project construction completion expected November 2025.
- ❑ As of December 2024, project is 55% complete.
- ❑ Major floodway bridge and floodway levee relocation completed.



Anzalduas connector  
West end of project



FM 494 to Bentsen Rd.  
West end of project



FM 494 to Bentsen Rd.  
West end of project

## IBTC UPDATES

- ❑ Environmental Clearance achieved
- ❑ Schematic Approved
- ❑ Successfully transitioned project to TxDOT
- ❑ Fully funded for construction by TxDOT
- ❑ PS&E Contract to be executed December 2024

## I-69 CONNECTOR UPDATES

- ❑ TxDOT Public Scoping meeting tentatively scheduled for January 2025.
- ❑ TxDOT funded schematic in progress.
- ❑ TxDOT funded environmental phase in progress.

## SH 68 UPDATES

- ❑ TxDOT is in the final stages of environmental phase. Expected to be environmentally clear by summer 2025 (ROD).
- ❑ Schematic design in progress by TxDOT (95% complete).



Project

0030 365 TOLL



SCALE: 1 inch = 1 miles

0 0.5 1 2 Miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP

DATE: 10/9/2024

**END**

**365 TOLL (Seg. 4)**  
**Constr. Cost: \$91M**  
**Total Dev. Cost: \$141M**  
**SHORT TERM**

**BEGIN**

**SHORT TERM = 0 to 4 years**  
**MID TERM = 4 to 10 years**  
**LONG TERM = 10 to 20 years**

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# 365 TOLL SEGMENT 4



# 365 TOLL SEGMENT 4



## PROJECT LIMITS:

FROM: FM 1016/CONWAY AVE.

TO: FM 396/ANZALDUAS HIGHWAY

LENGTH: 3.47 MILES

ESTIMATED COST: \$140,681,600.00

PROPOSED LETTING DATE: FY 2029

## NEXT STEPS:

- ▶ ENVIRONMENTAL REFRESHER
- ▶ ROW ACQUISITION
- ▶ PS&E DEVELOPMENT

## CHALLENGES:

- ▶ FUNDING TBD

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$1,353,300.00
PRELIMINARY ENGINEERING	\$1,353,300.00
FINAL DESIGN	\$6,315,400.00
ROW ACQUISITION	\$25,200,000.00
UTILITY RELOCATION	\$4,511,000.00
CONSTRUCTION	\$94,731,000.00
CONSTRUCTION MANAGEMENT	\$7,217,600.00
TOTAL DEVELOPMENT COST	\$140,681,600.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

1



Project

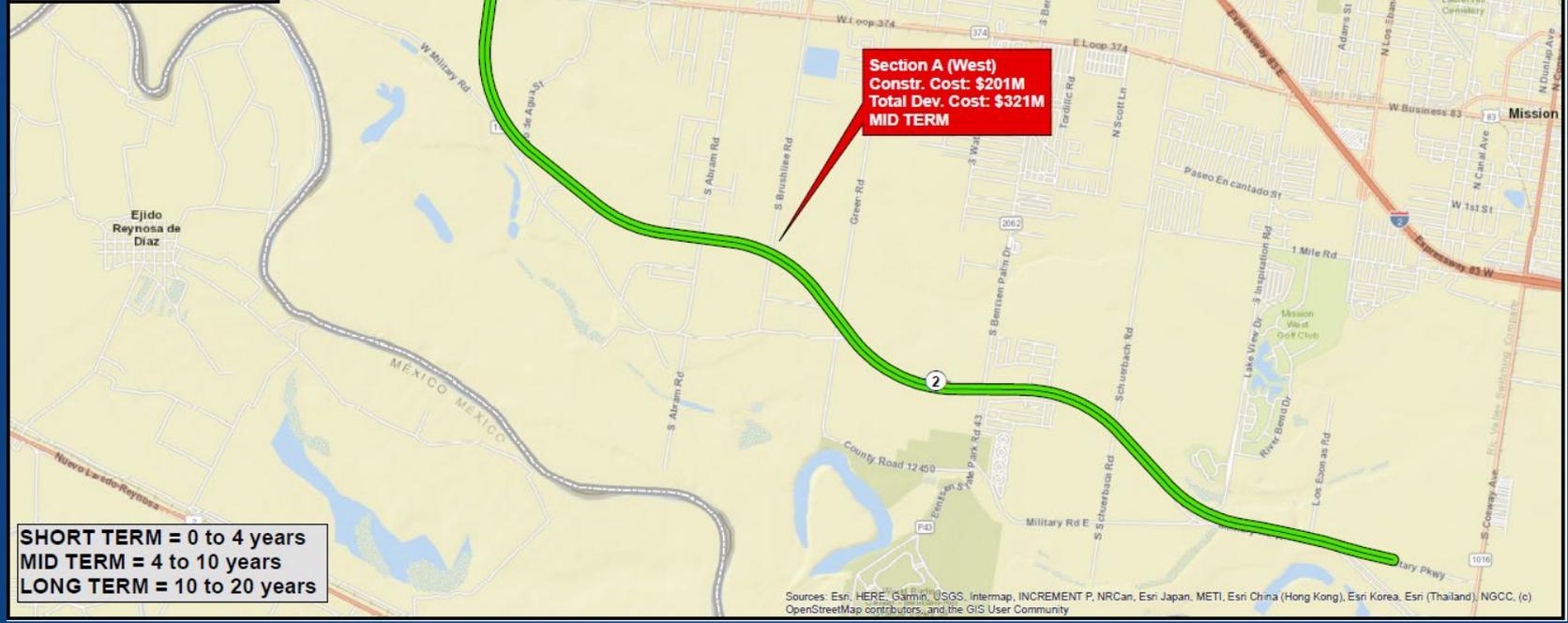
0040 Segment A West

SCALE: 1 inch = 1 miles



0 0.3 0.6 1.2 Miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
 DATE: 10/9/2024



# SECTION A (WEST)

# SECTION A (WEST)



## PROJECT LIMITS:

FROM: I-2, 0.8 MILES WEST OF SHOWERS RD.

TO: FM 1016/CONWAY AVE.

LENGTH: 7.73 MILES

ESTIMATED COST: \$320,538,700.00

PROPOSED LETTING DATE: FY 2033

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ CURRENT ROUTE PRESENTS SEVERAL RESIDENTIAL DISPLACEMENTS
- ▶ CURRENT ROUTE TRAVERSES FEDERALLY PROTECTED LAND

## **COST BREAKDOWN:**

MANAGEMENT SUPPORT	\$3,014,700.00
PRELIMINARY ENGINEERING	\$10,049,000.00
FINAL DESIGN	\$14,068,600.00
ROW ACQUISITION	\$56,250,000.00
UTILITY RELOCATION	\$10,049,000.00
CONSTRUCTION	\$211,029,000.00
CONSTRUCTION MANAGEMENT	\$16,078,400.00
TOTAL DEVELOPMENT COST	\$320,538,700.00

## **PROPOSED FUNDING:**

- ▶ TOLL REVENUE BONDS

PRIORITY

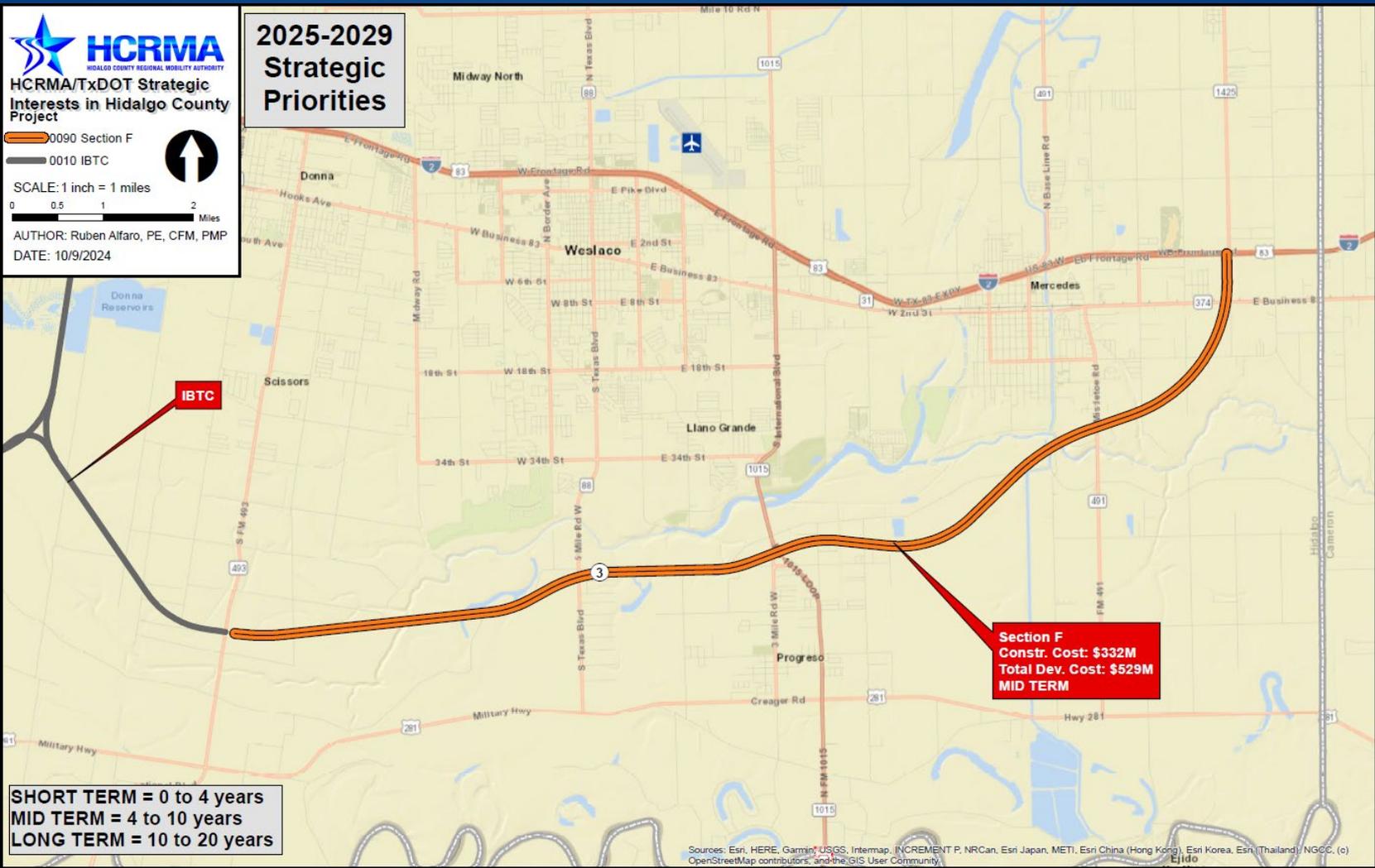
2



0090 Section F  
 0010 IBTC

SCALE: 1 inch = 1 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
 DATE: 10/9/2024



# SECTION F

# SECTION F

## PROJECT LIMITS:

FROM: IBTC, EAST CONNECTOR

TO: 1-2, ~1 MILES EAST OF MILE 1 EAST

LENGTH: 12.75 MILES

ESTIMATED COST: \$528,622,500.00

PROPOSED LETTING DATE: FY 2035

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$4,972,500.00
PRELIMINARY ENGINEERING	\$16,575,000.00
FINAL DESIGN	\$23,205,000.00
ROW ACQUISITION	\$92,700,000.00
UTILITY RELOCATION	\$16,575,000.00
CONSTRUCTION	\$348,075,000.00
CONSTRUCTION MANAGEMENT	\$26,520,000.00
TOTAL DEVELOPMENT COST	\$528,622,500.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

3



0080 Section E  
0070



SCALE: 1 inch = 2 miles

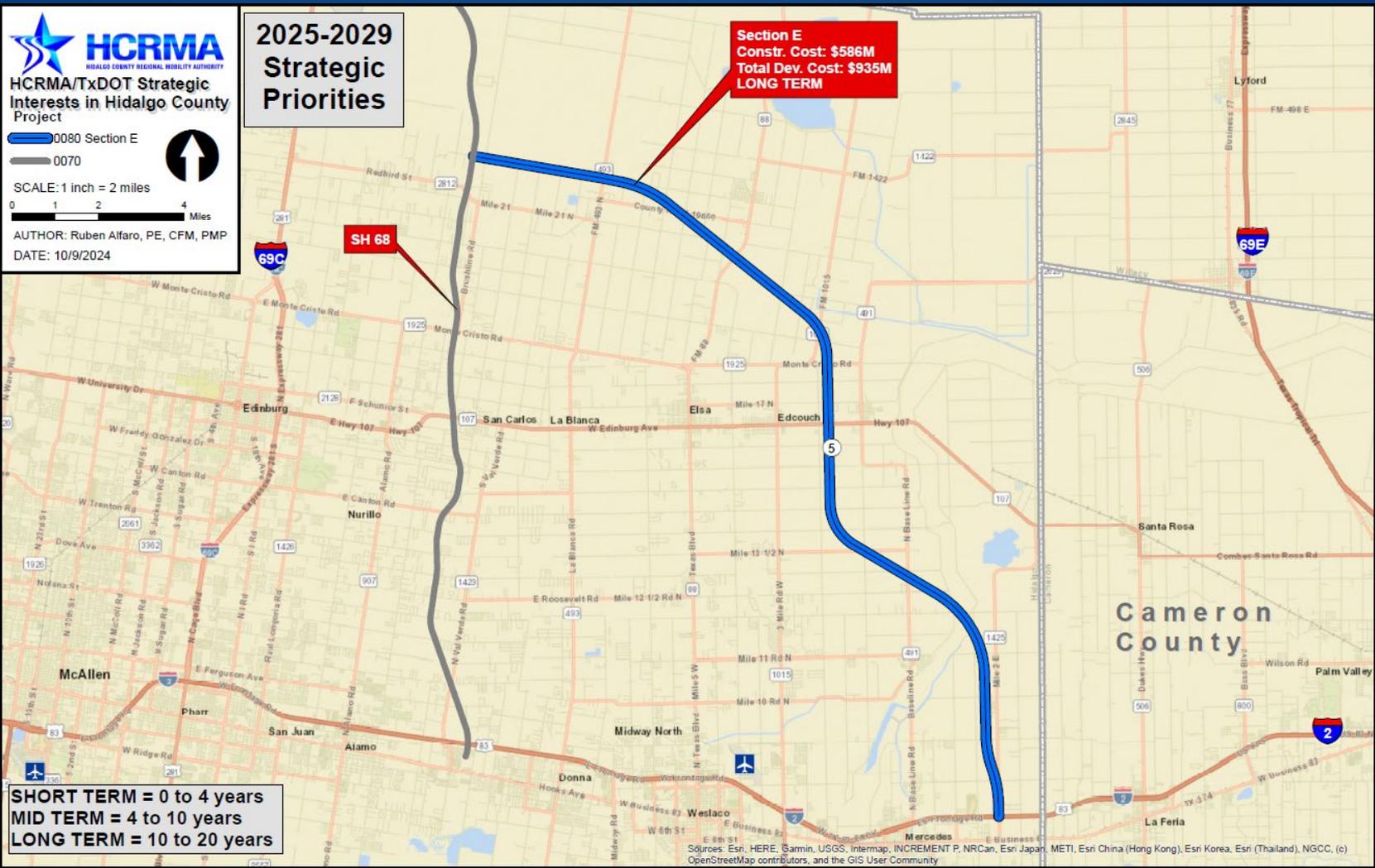


AUTHOR: Ruben Alfaro, PE, CFM, PMP  
DATE: 10/9/2024

**Section E**  
Constr. Cost: \$586M  
Total Dev. Cost: \$935M  
**LONG TERM**

**SH 68**

**SHORT TERM = 0 to 4 years**  
**MID TERM = 4 to 10 years**  
**LONG TERM = 10 to 20 years**



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# SECTION E

# SECTION E

## PROJECT LIMITS:

FROM: I-2, ~1 MILES EAST OF MILE 1 EAST

TO: SH 68, ~0.88 MILES NORTH OF FM 2812

LENGTH: 22.53 MILES

ESTIMATED COST: \$934,100,700.00

PROPOSED LETTING DATE: FY 2037

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$8,786,700.00
PRELIMINARY ENGINEERING	\$29,289,000.00
FINAL DESIGN	\$41,004,600.00
ROW ACQUISITION	\$163,800,000.00
UTILITY RELOCATION	\$29,289,000.00
CONSTRUCTION	\$615,069,000.00
CONSTRUCTION MANAGEMENT	\$46,862,400.00
TOTAL DEVELOPMENT COST	\$934,100,700.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

4





HCRMA/TxDOT Strategic Interests in Hidalgo County

# 2025-2029 Strategic Priorities

Project

0060 Section C

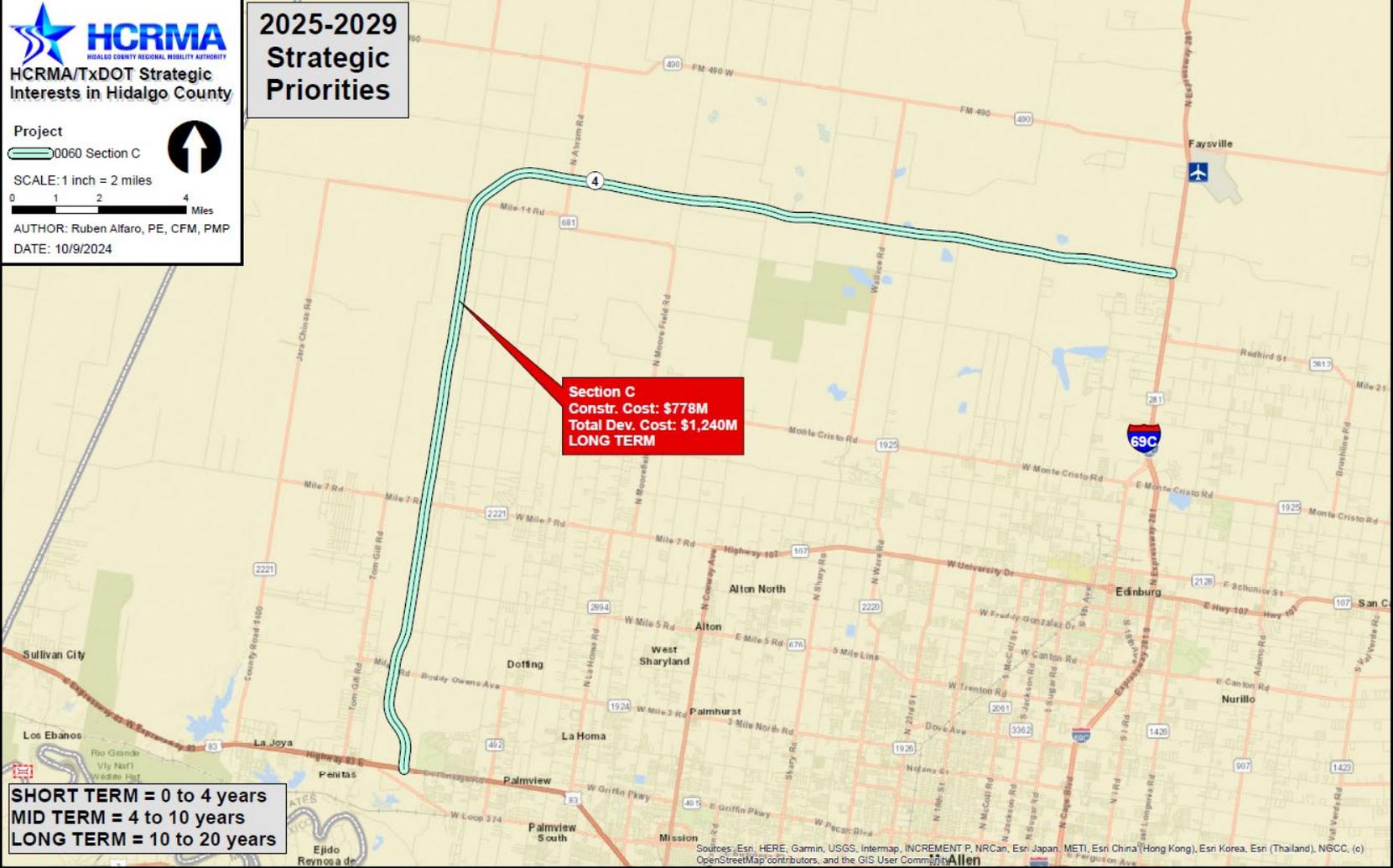


SCALE: 1 inch = 2 miles



AUTHOR: Ruben Alfaro, PE, CFM, PMP

DATE: 10/9/2024



# SECTION C



# SECTION C

## PROJECT LIMITS:

FROM: I-2, 0.8 MILES WEST OF SHOWERS RD.

TO: I-69C, 0.6 MILES SOUTH OF FM 162

LENGTH: 29.89 MILES

ESTIMATED COST: \$1,239,289,100.00

PROPOSED LETTING DATE: FY 2039

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## **COST BREAKDOWN:**

MANAGEMENT SUPPORT	\$11,657,100.00
PRELIMINARY ENGINEERING	\$37,857,000.00
FINAL DESIGN	\$54,399,800.00
ROW ACQUISITION	\$217,350,000.00
UTILITY RELOCATION	\$38,857,000.00
CONSTRUCTION	\$815,997,000.00
CONSTRUCTION MANAGEMENT	\$62,171,200.00
TOTAL DEVELOPMENT COST	\$1,239,289,100.00

## **PROPOSED FUNDING:**

- ▶ TOLL REVENUE BONDS

PRIORITY

5



# HCRMA PRIORITY LIST

PRIORITY	PROJECT	ESTIMATED LETTING YEAR
1	365 TOLL SEGMENT 4	2029
2	365 TOLL SECTION A (WEST)	2033
3	SECTION F	2035
4	SECTION E	2037
5	SECTION C	2039



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Item 1A

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  1A  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>  12/10/2024  </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>  12/17/2024  </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **REPORT ON PROGRAM MANAGEMENT ACTIVITY FOR 365 TOLLWAY PROJECT AND HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY PROJECTS.**
  
2. Nature of Request: (Brief Overview) Attachments:   X   Yes     No  
Report on Project Management Activity.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:     Yes     No   X   N/A
  
5. Staff Recommendation: **Report Only.**
  
6. Program Manager's Recommendation:     Approved     Disapproved   X   None
7. Planning Committee's Recommendation:     Approved     Disapproved   X   None
8. Board Attorney's Recommendation:     Approved     Disapproved   X   None
9. Chief Auditor's Recommendation:     Approved     Disapproved   X   None
10. Chief Financial Officer's Recommendation:     Approved     Disapproved   X   None
10. Chief Development Engineer's Recommendation:     Approved     Disapproved   X   None
11. Chief Construction Engineer's Recommendation:     Approved     Disapproved   X   None
12. Executive Director's Recommendation:   X   Approved     Disapproved     None



## **HCRMA Board of Directors**

**Robert L. Lozano, Chairman**

**Ezequiel Reyna, Jr., Vice-Chairman**

**Juan Carlos Del Angel, Secretary/Treasurer**

**Gabriel Kamel, Director**

**Francisco "Frank" Pardo, Director**

**Sergio Saenz, Director**

**Michael J. Williamson, Director**

## **HCRMA Administrative Staff**

**Pilar Rodriguez, PE, Executive Director**

**Ramon Navarro IV, PE, CFM, Chief Constr. Eng.**

**Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.**

**Jose Castillo, Chief Financial Officer**

**Ruben Alfaro, PE, CFM, PMP, Development Engineer**

**General Engineering Consultant**  
**HDR ENGINEERING, INC.**

# **Report on HCRMA Development Activities**

**Ruben Alfaro, PE, CFM, PMP**  
**Development Engineer**



- ❑ Overweight Permit Summary
- ❑ Briefing on Strategic Plan Updates

### **MISSION STATEMENT:**

To provide our customers with a rapid and reliable alternative for the safe and efficient movement of people, goods, and services.



## Specialized Overweight Permits

Hidalgo County allows shippers to securely order specialized overweight permits online. The permits cover travel over the Hidalgo County roads listed below for vehicles weighing no more than the Mexican Legal Weight Limit or 125,000 lbs. For a more detailed explanation, see below.

### Permit Information

The Hidalgo County Regional Mobility Authority (HCRMA) administers the overweight permit corridor system for the Hidalgo County. Overweight permits issued through the HCRMA are only valid for destinations originating from the following points of entry:

- Anzalduas Bridge
- Pharr-Reynosa Bridge
- Donna-Rio Bravo Bridge
- Progreso Bridge

Or for movement on the following roads:

- (1) U.S. Highway 281 between its intersection with Pharr-Reynosa International Bridge and its intersection with State Highway 336.
- (2) State Highway 336 between its intersection with U.S. Highway 281 and its intersection with Farm-to-Market Road 1016.
- (3) Farm-to-Market Road 1016 between its intersection with State Highway 336 and its intersection with Trinity Road.
- (4) Trinity Road between its intersection with Farm-to-Market Road 1016 and its intersection with Farm-to-Market Road 396.
- (5) Farm-to-Market Road 396 between its intersection with Trinity Road and its intersection with the Anzalduas International Bridge.
- (6) Farm-to-Market Road 2061 between its intersection with Farm-to-Market Road 3072 and its intersection with U.S. Highway 281.
- (7) U.S. Highway 281 between its intersection with the Pharr-Reynosa International Bridge and its intersection with Spur 29.
- (8) Spur 29 between its intersection with U.S. Highway 281 and its intersection with Doffin Canal Road.
- (9) Doffin Canal Road between its intersection with the Pharr-Reynosa International Bridge and its intersection with Spur 29.
- (10) FM 2557 (Stewart Road) from US 281/Military Highway to Interstate 2 (US 83).
- (11) FM 3072 (Dicker Road) from Veterans Boulevard ('I' Road) to Cesar Chavez Road.
- (12) US 281 (Cage Boulevard) from US 281/Military Highway to Anaya Road.
- (13) US 281/Military Highway from Spur 29 to FM 1015.
- (14) Farm to Market 1015 - Progreso International Bridge to Mile 9 North.
- (15) US 83 Business - Farm to Market 1015 to South Bridge Avenue.
- (16) Doffing Road from the BSIF Exit at Spur 29 south and then east a distance of 0.8 miles.

The gross weight of cargo and equipment shall not exceed the allowable permissible axle load, the Mexican Legal Weight Limit or 125,000 lbs, whichever is less, and the dimensions of the load and vehicle shall not exceed 12ft wide, 16ft high, or 110ft long.



# OVERWEIGHT / OVERSIZE CORRIDOR SEGMENTS



# OVERWEIGHT / OVERSIZE CORRIDOR SEGMENTS MAP



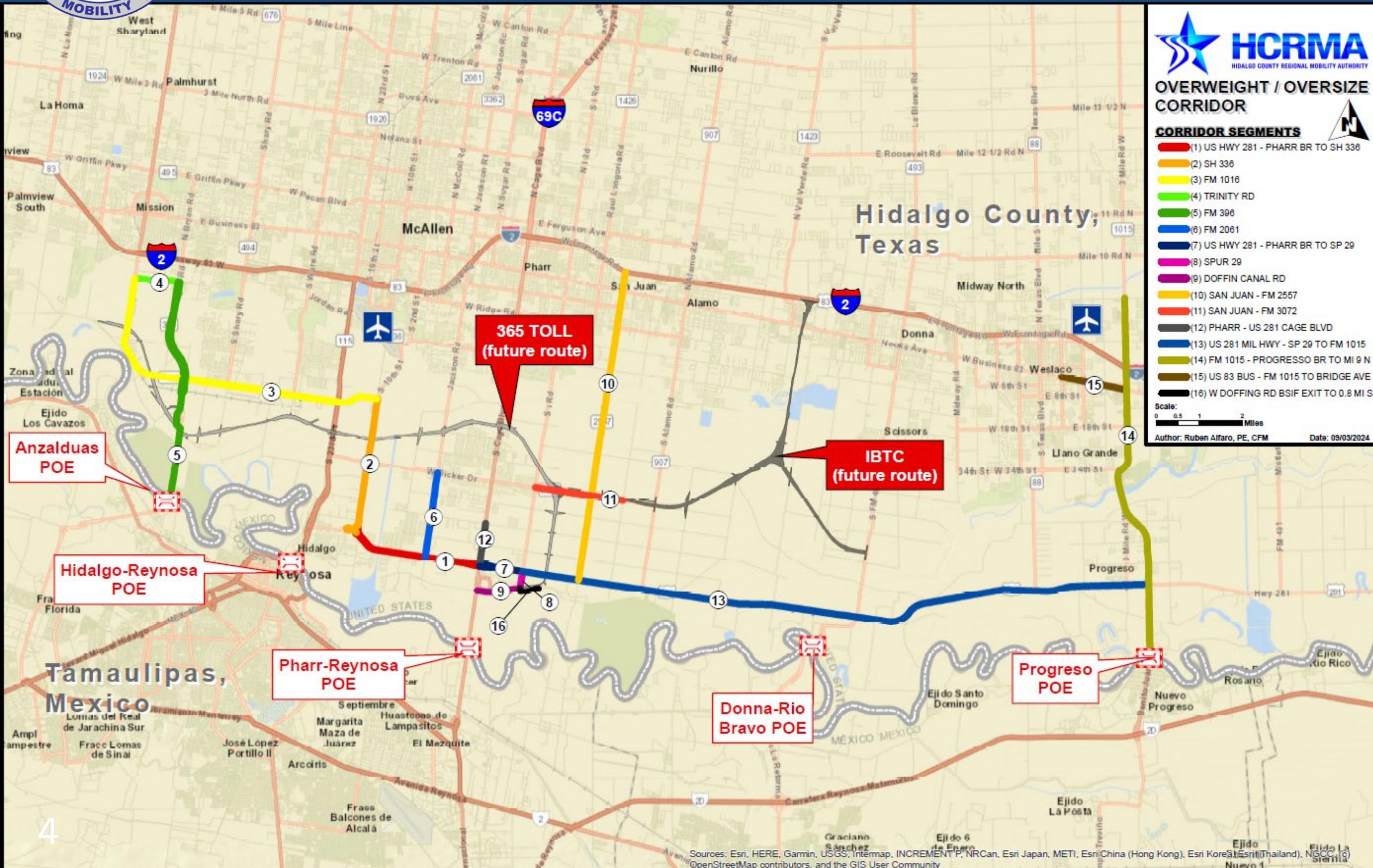
## OVERWEIGHT / OVERSIZE CORRIDOR

### CORRIDOR SEGMENTS

- (1) US HWY 281 - PHARR BR TO SH 336
- (2) SH 336
- (3) FM 1016
- (4) TRINITY RD
- (5) FM 396
- (6) FM 2061
- (7) US HWY 281 - PHARR BR TO SP 29
- (8) SPUR 29
- (9) DOFFIN CANAL RD
- (10) SAN JUAN - FM 2557
- (11) SAN JUAN - FM 3072
- (12) PHARR - US 281 CAGE BLVD
- (13) US 281 MIL HWY - SP 29 TO FM 1015
- (14) FM 1015 - PROGRESSO BR TO MI 9 N
- (15) US 83 BUS - FM 1015 TO BRIDGE AVE
- (16) W DOFFING RD BSIF EXIT TO 0.8 MI S

Scale: 0 0.5 1 2 Miles

Author: Ruben Alfaro, PE, CFM Date: 09/03/2024



# MONTHLY OVERWEIGHT REPORT:

November 1, 2024 – November 30, 2024

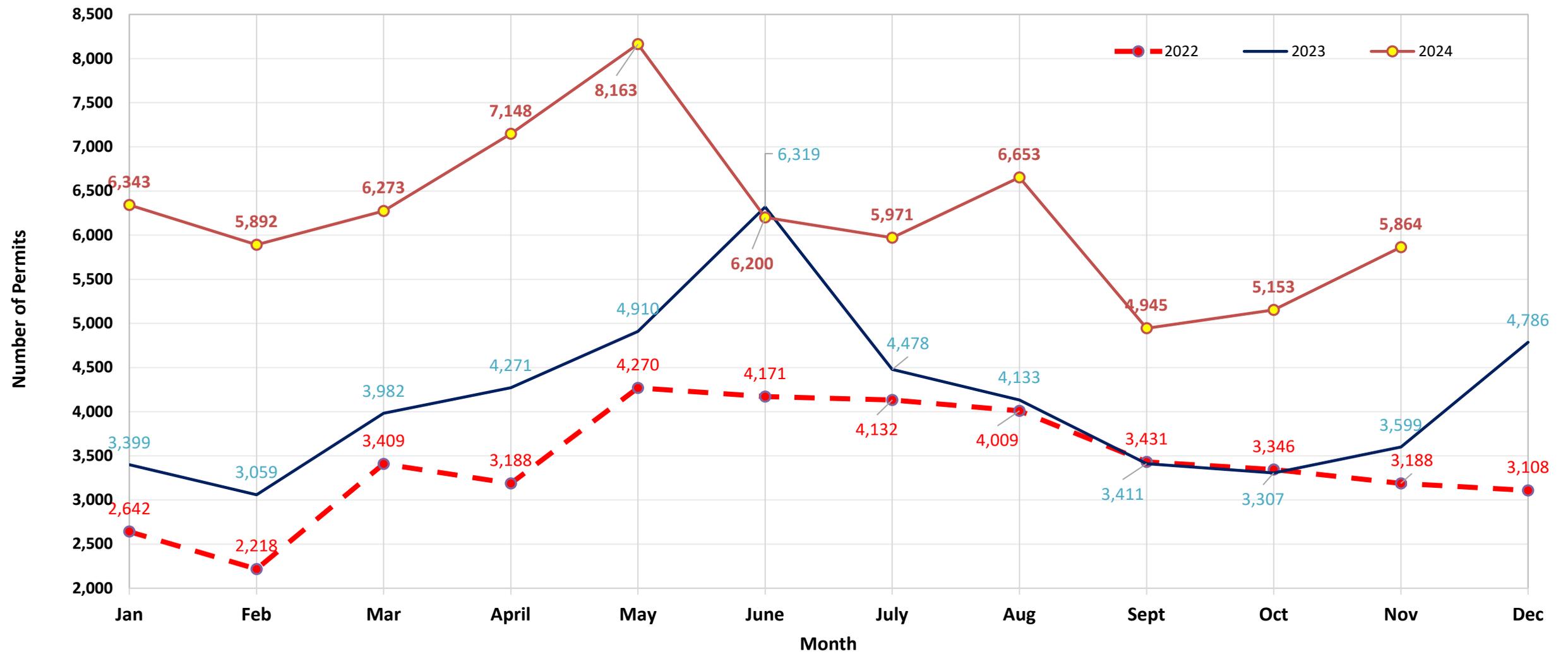
<b>Total Permits Issued:</b>	<b>5,864</b>
<b>Total Amount Collected:</b>	<b>\$ 1,200,736</b>
■ <b>Convenience Fees:</b>	<b>\$ 27,936</b>
■ <b>Total Permit Fees:</b>	<b>\$ 1,172,800</b>
– Pro Miles:	\$ 17,592
– TxDOT (On system):	\$ 983,100
– Local (Off system):	\$ 13,780
– HCRMA:	\$ 158,328

\*Effective November 13, 2017, permit fee increased from \$80 to \$200



# Latest 3-Years monthly permit Comparison

Overweight/Oversized Permit Count  
2022 - 2024 Monthly Comparison



# YEARLY OVERWEIGHT REPORT:

January 1, 2024 – November 30, 2024

<b>Total Permits Issued:</b>	<b>68,605</b>
<b>Total Amount Collected:</b>	<b>\$ 14,022,614</b>
■ <b>Convenience Fees:</b>	<b>\$ 301,614</b>
■ <b>Total Permit Fees:</b>	<b>\$ 13,721,000</b>
– Pro Miles:	\$ 205,815
– TxDOT (On system):	\$ 11,630,794
– Local (Off system):	\$ 32,056
– HCRMA:	\$ 1,852,335

\*Effective November 13, 2017, permit fee increased from \$80 to \$200



# ACCUMULATED OVERWEIGHT REPORT:

January 1, 2014 – November 30, 2024

<b>Total Permits Issued:</b>	<b>383,313</b>
<b>Total Amount Collected:</b>	<b>\$ 68,234,560.00</b>
■ <b>Convenience Fees:</b>	<b>\$ 1,355,760.00</b>
■ <b>Total Permit Fees:</b>	<b>\$ 66,878,800.00</b>
– Pro Miles:	\$ 1,140,639.00
– TxDOT (On system):	\$ 56,814,924.00
– Local (Off system):	\$ 32,056.35
– HCRMA:	\$ 8,891,181.00



# STRATEGIC PLAN UPDATES

- ❑ Strategic Plan Workshop (10-22-24)
  - Define priorities
- ❑ Strategic Plan Refinement (10-22-24 to 11-19-24)
  - Implement boards input
  - Include backup data for priorities
  - Include development milestones
  - Include estimated letting dates
- ❑ Strategic Plan Workshop (11-19-24)
  - Implement boards input
- ❑ Strategic Plan Adoption (December board meeting)



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**Item 1B**

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

<b>BOARD OF DIRECTORS</b>	<u>  X  </u>	<b>AGENDA ITEM</b>	<u>  1B  </u>
<b>PLANNING COMMITTEE</b>	<u>          </u>	<b>DATE SUBMITTED</b>	<u> 12/10/2024 </u>
<b>FINANCE COMMITTEE</b>	<u>          </u>	<b>MEETING DATE</b>	<u> 12/17/2024 </u>
<b>TECHNICAL COMMITTEE</b>	<u>          </u>		

1. Agenda Item: **REPORT ON CONSTRUCTION ACTIVITY FOR THE 365 TOLLWAY PROJECT.**
2. Nature of Request: (Brief Overview) Attachments:  Yes  No  
Report on 365 Tollway Project Construction Activities.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted:  Yes  No  N/A
5. Staff Recommendation: **Report only.**
6. Program Manager's Recommendation:  Approved  Disapproved  None
7. Planning Committee's Recommendation:  Approved  Disapproved  None
8. Board Attorney's Recommendation:  Approved  Disapproved  None
9. Chief Auditor's Recommendation:  Approved  Disapproved  None
10. Chief Financial Officer's Recommendation:  Approved  Disapproved  None
11. Chief Development Engineer's Recommendation:  Approved  Disapproved  None
12. Chief Construction Engineer's Recommendation:  Approved  Disapproved  None
13. Executive Director's Recommendation:  Approved  Disapproved  None



**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

## BOARD OF DIRECTORS MEETING DECEMBER 2024

### HCRMA Board of Directors

**Robert L. Lozano, Chairman**

**Ezequiel Reyna, Jr., Vice Chairman**

**Juan Carlos Del Angel, Secretary / Treasurer**

**Sergio Saenz, Director**

**Francisco “Frank” Pardo, Director**

**Michael J. Williamson, Director**

### HCRMA Administrative Staff

**Pilar Rodriguez, PE, Executive Director**

**Ramon Navarro IV, PE, CFM, Chief Constr. Eng.**

**Ruben Alfaro, PE, Development Eng.**

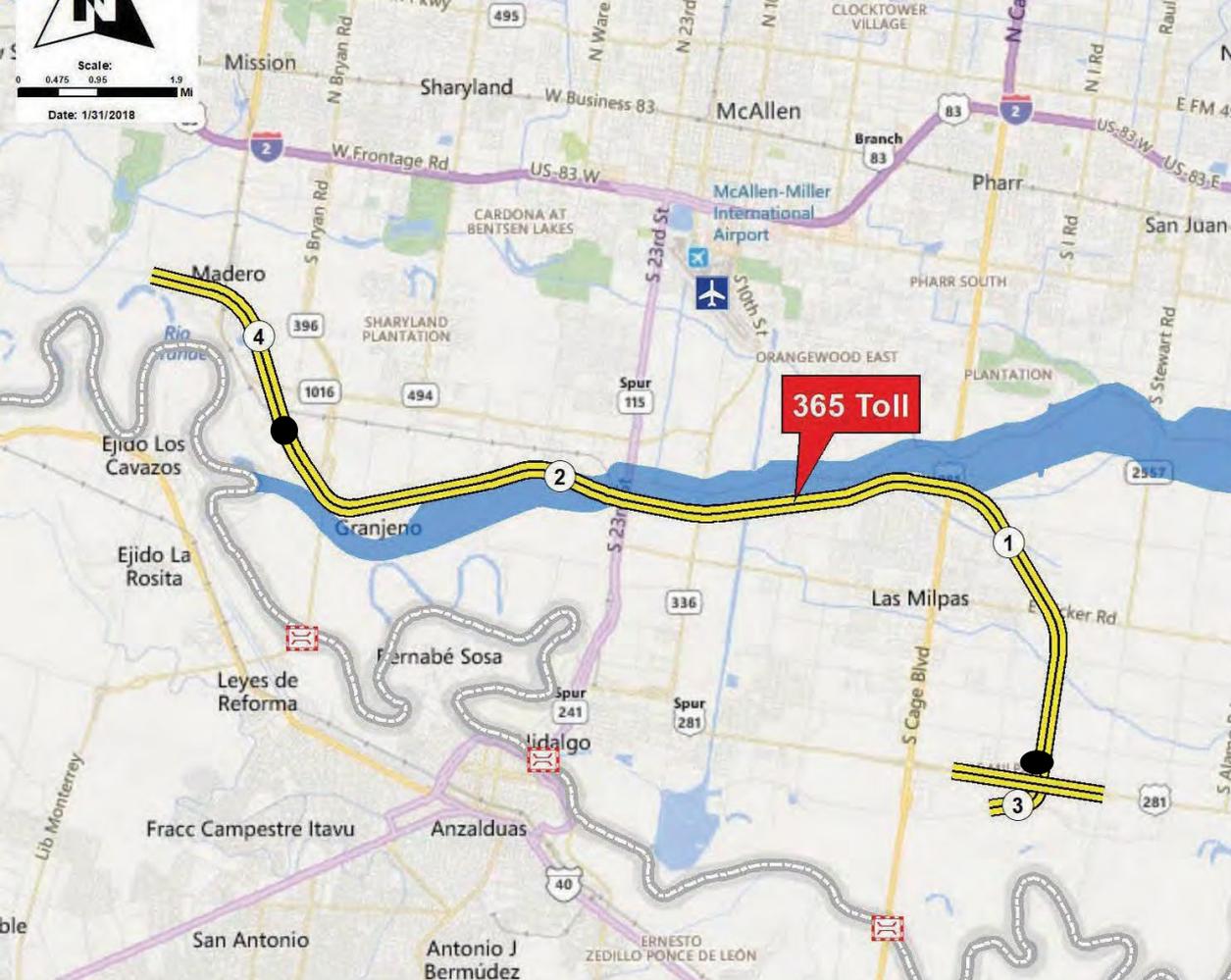
**Celia Gaona, CIA, Chief Auditor/Compliance Off.**

**Jose Castillo, Chief Financial Off.**

### General Engineering Consultant

**HDR Engineering, INC.**





**MAJOR MILESTONES:**

NEPA CLEARANCE  
07/03/2015

**PH 1: 365 SEG. 3**

LET: 08/2015  
COMPLETED

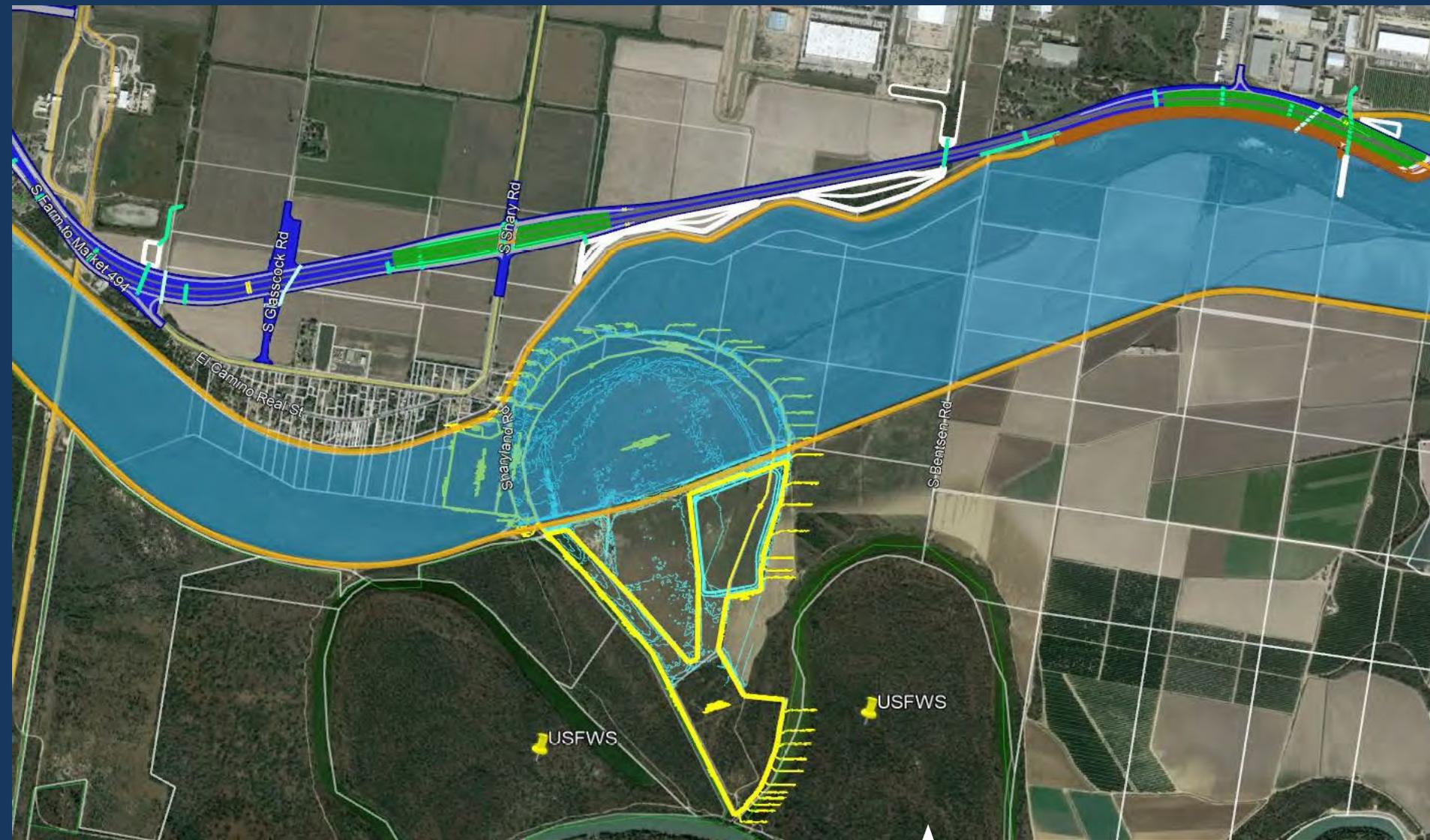
**PH 2: 365 TOLL  
SEGS. 1 & 2**

**LET: 11/2021**  
OPEN: 01/2026

[SEGS. 1 & 2] LIMITS FROM 0.8 MI. W. FM 396 / ANZ. HWY.  
TO US 281 / BSIF CONNECTOR [365 SEG. 3 COMPLETED]  
[SEG. 4 FUTURE] LIMITS FROM FM 1016 / CONWAY  
TO 0.8 MI. W. FM396 / ANZALDUAS HIGHWAY



# WETLAND MITIGATION SITE





# Memo

Date: Monday, September 09, 2024

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Project: Granjeno Wetland Mitigation Project

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To: Eric S. Anderson, MitRes Services, LLC

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CC: Ramon Navarro, Pilar Rodriguez, Eric Slusser

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From: Samuel Saldivar, Jr., P.E., GEC Project Manager *Samuel Saldivar*

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Subject: Construction Notice-to-Proceed

This memo serves as MitRes Services, LLC's (Contractor) formal notice-to-proceed with the construction of the proposed Granjeno Wetland Mitigation site improvements (Project) in Granjeno, Texas pursuant to the Agreement executed on August 13, 2024 by the Hidalgo County Regional Mobility Authority, as amended. The Project's work is subject to and shall be in compliance with USACE Individual Permit No. SWG=2013-00175.

The work under this contract shall be substantially completed within one hundred and fifty calendar days January 15, 2025 and commence within thirty days of this notice-to-proceed. After Substantial Completion, Contractor will be allowed up to an additional thirty days for Final Acceptance. All Improvements must be final accepted by February 14, 2025. Working days will be charged Sunday through Saturday, including all holidays [with exception of: New Year's Day (January 1<sup>st</sup>); Independence Day (July 4<sup>th</sup>); Labor Day (1<sup>st</sup> Monday in the month of September); Thanksgiving Day and day after (4<sup>th</sup> Thursday and Friday in the month of November); and Christmas Eve and Day (December 24<sup>th</sup> and 25<sup>th</sup>)], regardless of weather conditions, material availability, or other conditions not under the control of the Contractor, except as expressly provided for in the Contract. If Contractor fails to complete the work on or before the contract time, Contractor agrees to pay the Authority \$1,000 per day as liquidated damages to cover losses, expenses, and damages of the Authority for every Calendar Day which the Contractor fails to achieve Substantial Completion of the Project.

Contractor shall provide proper security for the Project and shall take reasonable precautions and provide protection to prevent damage, injury, or loss to the work, materials, and equipment to be incorporated therein, as well as all other property at or on the site, whether owned by the Contractor, the Authority, or any other person. Contractor, at no additional cost to Authority, shall maintain, repair, rebuild, restore, or replace all work, documents, deliverables, materials, equipment, or supplies which are created, purchased, or acquired as part of the Project or for use during construction that is injured or damaged prior to Substantial Completion. Thereafter, Contractor shall assume responsibility for defective work during the one-year correction period as specified under General Conditions paragraph 15.08.

We look forward to the successful completion of this Project.



**Exhibit 5.01B – Prices Stated in Contractor’s Bid Section 00 41 13**

Item No.	Description	\$
A-1	Mobilization and Demobilization	\$ 497,611.09
A-2	Well and Pump - 550GPM Capacity (including site pad, grading, building, new power connection, instrumentation, controls, and integration)	\$ 977,100.65
A-3	Planting (procurement, storage, delivery, installation, protection, maintenance)	\$ 102,974.50
A-4	Storm Water Pollution Prevention Plan (permitting, installation, maintenance, removal)	\$ 63,453.98
<b>Total of All Lump Sum Bid Items</b>		<b>\$ 1,641,140.23</b>

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
B-1	6-inch PVC Waterline	LF	2,700	\$ 311.92	\$ 810,686.59
B-2	Excavation	CY	178,000	\$ 5.90	\$ 1,050,223.19
B-3	Embankment (Planting Soil)	CY	73,000	\$ 1.41	\$ 102,940.98
B-4	Embankment (Clay Liner)	CY	87,000	\$ 0.68	\$ 58,746.18
B-5	Embankment (Subbase)	CY	110,000	\$ 14.79	\$ 1,626,428.57
B-6	Clearing / Grubbing	AC	25	\$ 3,476.45	\$ 86,911.16
B-7	Grate Inlet	EA	1	\$ 31,500.00	\$ 31,500.00
B-8	18-inch RCP	LF	100	\$ 2,461.42	\$ 246,141.64
B-9	15-foot wide Access Road	SY	7,000	\$ 28.04	\$ 196,275.33
<b>Total of All Unit Price Bid Items</b>					<b>\$ 4,209,853.64</b>

<b>Total Bid Price (Total of all Lump Sum and Unit Price Bids)</b>				<b>\$ 5,850,993.87</b>
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Note: Subject to Change in the event a Project Revision is agreed.





## Bi-Weekly Status Report

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### HCRMA – Granjeño Mitigation Wetland Project, Hidalgo County, Texas

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12/9/2024	Submittal of Bi-weekly report.
12/5/2024	Email received from Mr. Ramon Navarro of HCRMA with contact information (requested by MitRez) of Mr. Juan Loera of IBWC. Weekly Granjeño Construction meeting cancelled. Email forwarded to HCRMA and HDR inquiring into the results of B2Z soil sampling. Received email from Bryce Fuller of MitRez explaining the results of the soil sampling by B2Z.
11/28/2024	Weekly Granjeño Construction meeting cancelled for Thanksgiving holiday.
11/27/2024	Email received from Mr. Ramon Navarro of HCRMA with results of B2Z soil sampling.
11/25/2024	Call between Mr. Adam Lethco of MitRez and Clay Fischer of ICF discussing Adam's plan to acquire wetland shrubs (button bush etc.) for the project. Additionally Mr. Mike Heep is travelling throughout Hidalgo and Cameron Counties, Texas to obtain seed and live sprouts for culture in his greenhouse of retama, Borríchia, and other native wetland shrubs. Adam asked if there were any other better options to obtain the plants necessary to meet project criteria. An email response was forwarded to Adam from Clay Fischer indicating that based upon available stocks at local and more distant nurseries, Mr. Lethco's plan appeared to offer the best chance for success.

### Employee and Contact Information

Doug Hagemeyer (Project Manager) (737) 272-6781

Jill Noel (Deputy Project Manager/Biologist) (512) 468-9874

Clay V. Fischer (Deputy Project Manager/Biologist) (512) 592-8591

5 Lakeway Centre Court, Suite 200, Austin, TX 78734 USA +512.264.1095 icf.com



Project Name: HCRMA Granjeno Wetland

11/19/2024

<p>Work accomplished in the last two weeks:</p>	<ul style="list-style-type: none"> <li>- MitRes has excavated roughly 64,000 yards of material into a stockpile</li> <li>- J&amp;S Water Wells has completed drilling up to 16-inches in diameter down to 250ft</li> <li>- MitRes continued stripping and stockpiling planting soil from the wetland area</li> <li>- MitRes completed clearing and burning on the East side of the wetland for the access road</li> <li>- MitRes has been in contact with B2Z Engineering regarding soil samples</li> <li>- MitRes met with AEP on-site with the AEP designer regarding power to the well site and the levee access road clearance concerns</li> </ul>
<p>Projected work to be accomplished over the next two weeks:</p>	<ul style="list-style-type: none"> <li>- MitRes will finish stockpiling all available planting soil</li> <li>- MitRes will begin clay and filler material excavation and storage</li> <li>- MitRes will begin the clay embankment in the northeast area</li> <li>- J&amp;S will continue drilling and plans to have drilling completed</li> <li>- MitRes will continue working with AEP to receive power to the well and realign the powerlines/poles on the Northeast area of the property</li> <li>- B2Z Engineering will collect six soil samples for Atterberg tests</li> </ul>
<p>Vendors On-Site</p>	<ul style="list-style-type: none"> <li>- Delta Fuel, Southern Transport, Doggett Machinery, Big John Site Service, L4 Security Services, Skyco LLC., Dumpster, J&amp;S, Movac, &amp; B2Z Engineering</li> </ul>
<p>Issues:</p>	<ul style="list-style-type: none"> <li>-</li> </ul>
<p>Update on any previously reported issues:</p>	<ul style="list-style-type: none"> <li>- MitRes received the updated plans</li> </ul>
<p>MitRes Responsibilities:</p>	<ul style="list-style-type: none"> <li>- MitRes owes HCRMA the Driller Materials Submittal, Plumber Materials Submittal &amp; Electrician Submittal</li> </ul>
<p>HCRMA Responsibilities:</p>	<ul style="list-style-type: none"> <li>- Deliver MitRes the number of proctor samples available</li> </ul>





Photo-Point 2: Above the planting soil pile looking Northeast



Photo-Point 3: Above the planting soil pile looking East

MITRES SERVICES





Photo-Point 12: View of planting soil stockpile looking Southeast



Photo-Point 13: View of planting soil stockpile looking North

MITRES SERVICES





## 365 TOLLWAY COLLECTION SYSTEM INSTALLATION, INTEGRATION & MAINTENANCE PROJECT

- |                          |   |
|--------------------------|---|
| <b>SEPTEMBER 8, 2022</b> | -Request for Proposals was released   |
| <b>OCTOBER 3, 2022</b>   | -Mandatory Pre-Bid meeting conducted with In-Person or Virtual Attendance option  |
| <b>DECEMBER 9, 2022</b>  | -Five Proposals received for the 365 Toll Collection System, Integration, and Maintenance Project   |
| <b>DECEMBER 16, 2022</b> | -Compliance reviews conducted on all electronic bids  |
| <b>FEBRUARY 6, 2023</b>  | -Evaluation committee (HCRMA staff and HDR [GEC]) thoroughly reviewed proposals and conducted oral presentations, in accordance with RFP's two-step scoring process |
| <b>FEBRUARY 14, 2023</b> | -Proposal bid prices opened, evaluated, scored by evaluation committee  |
| <b>FEBRUARY 28, 2023</b> | -First Executive Briefing   |
| <b>MARCH 13, 2023</b>    | -Second Executive Briefing  |
| <b>MARCH 14, 2023</b>    | -Negotiation of contract terms, condition, & BAFO   |
| <b>MARCH 28, 2023</b>    | -Award of contract to SICE, Inc. for \$13,980,669 with a score of 905   |
| <b>OCTOBER 28, 2023</b>  | -Single Gantry amendment  |
| <b>MARCH 26, 2024</b>    | -CO#1 \$645,170 for Single Gantry Implementation  |



Payment Item	Schedule	Milestone	Payment Amount Description	Total Amount (Includes all individual payments made on each item)	To date	% completion
1	N/A	Contract Signature and Payment & Performance Bond submission	8% of the delivery cost excluding the Project Management Fee	\$553,973.04	\$553,973.04	100%
2	A	Submission of documents in "Schedule A - Implementation"	46% of items 1 through 35 milestones in Schedule A upon SICE's submission of each milestone	\$534,639.60	\$327,714.12	61%
3	A	Approval of documents in "Schedule A - Implementation"	46% of items 1 through 35 milestones in Schedule A upon HCRMA's approval of each milestone	\$534,639.60	\$266,329.42	50%
4	A	Approval of other items in "Schedule A - Implementation"	92% of items 36 through 63 milestones in Schedule A upon proof of completion submitted to HCRMA	\$237,614.84	\$0.00	0%
5	A	Project Management Monthly Fee	100% of the monthly fee every month ( \$38,742.00 each month)	\$1,162,260.00	\$619,872.00	53%
6	B	Approval of shop drawings of each site in "Schedule B - Hardware" items 1 to 9	25% for items 1 through 9 in Schedule B - Hardware upon approval of the tolling equipment shop drawings. Procurement	\$846,602.25	\$0.00	0%
7	B	FAT for RSE in "Schedule B - Hardware" items 1 to 9	11% for items 1 through 9 in Schedule B - Hardware upon Commencement of FAT for RSE	\$372,504.99	\$0.00	0%
8	B	FAT for RSE in "Schedule B - Hardware" items 1 to 9	11% for items 1 through 9 in Schedule B - Hardware upon approval of FAT for RSE	\$372,504.99	\$0.00	0%
9	B	Beginning of the Installation Work for each site in "Schedule B - Hardware" items 1 to 9	15% for items 1 through 9 in Schedule B - Hardware upon beginning of the works	\$507,961.35	\$0.00	0%
10	B	Completion of Installation Work for each site in "Schedule B - Hardware" items 1 to 9	15% for items 1 through 9 in Schedule B - Hardware upon completion of the installation of each site	\$507,961.35	\$0.00	0%
11	B	SAT for each site in "Schedule B - Hardware" items 1 to 9	10% for items 1 through 9 in Schedule B - Hardware upon SAT of each site is approved	\$338,640.90	\$0.00	0%
12	B	Final Acceptance for each site in "Schedule B - Hardware" items 1 to 9	5% for items 1 through 9 in Schedule B - Hardware upon Final Acceptance of each site	\$169,320.45	\$0.00	0%
13	B	Mobilization on site for each site in "Schedule B - Hardware" items 10 to 18	50% for items 10 through 18 in Schedule B - Hardware upon beginning of the works	\$498,685.00	\$0.00	0%
14	B	Completion of Installation Work for each site in "Schedule B - Hardware" items 10 to 18	42% for items 10 through 18 in Schedule B - Hardware upon completion of the civil works of each site	\$418,895.40	\$0.00	0%
15	B	Shop drawings for each site in "Schedule B - Hardware" items 19 & 20	35% for items 19 & 20 in Schedule B - Hardware upon approval of the servers shop drawings. Procurement	\$137,833.85	\$0.00	0%
16	B	Installation on site for each site in "Schedule B - Hardware" items 19 & 20	32% for items 19 & 20 in Schedule B - Hardware upon physical installation of servers on site	\$126,019.52	\$0.00	0%
17	B	Completion of the works for each site in "Schedule B - Hardware" items 19 & 20	25% for items 19 & 20 in Schedule B - Hardware upon completion of the installation works on site (ready for SAT)	\$98,452.75	\$0.00	0%
18	C	FAT for each system in "Schedule C - Software" items 1 & 7	10% for items 1 through 7 in Schedule C - Software upon Commencement of PHS FAT	\$72,653.60	\$0.00	0%
19	C	FAT for each system in "Schedule C - Software" items 1 & 7	10% for items 1 through 7 in Schedule C - Software upon approval of PHS FAT	\$72,653.60	\$0.00	0%
20	C	SIT for each system in "Schedule C - Software" items 1 & 7	10% for items 1 through 7 in Schedule C - Software upon Commencement of PHS-RSE integration Test	\$72,653.60	\$0.00	0%
21	C	SIT for each system in "Schedule C - Software" items 1 & 7	10% for items 1 through 7 in Schedule C - Software upon approval of PHS-RSE integration Test	\$72,653.60	\$0.00	0%
22	C	SAT for each system in "Schedule C - Software" items 1 & 7	25% for items 1 through 7 in Schedule C - Software upon Commencement of PHS SAT	\$181,634.00	\$0.00	0%
23	C	Final Acceptance for each system in "Schedule C - Software" items 1 & 7	27% for items 1 through 7 in Schedule C - Software upon approval of PHS SAT	\$196,164.72	\$0.00	0%
24	D	One monthly instalment every month from go-live	100% of the monthly fee of the applicable year	\$5,751,746.00	\$0.00	0%
25	E	Delivery of the Payment and Performance bond	100% of the items 1 & 2 in the Schedule E - Bonds upon hand over of the Bonds	\$142,000.00	\$142,000.00	100%
26	N/A	Material on hand	Material on Hand (MOH): HCRMA will pay to SICE the actual cost of all material procured for the Project, which have been marked for the Project and stored in a secured location. MOH will be handled following the TxDOT specs item 9.6.	N/A		
				\$13,980,669.00	\$1,909,888.58	14%

Payment Item	CO	Milestone	Payment Amount Description	Total Amount (Includes all individual payments made on each item)	To date	% completion
1		Change order approval	25% of items 1 through 3 milestones in Change CO-001 Monogantry design	\$92,862.79	\$92,862.79	100%
1		Completion of installation Work for each site in "Schedule B - Hardware" items 1 to 9	60% of items 1 through 3 milestones in Change CO-001 Monogantry design	\$222,870.70	\$0.00	0%
1		SAT for each system in "Schedule C - Software" items 1 & 7	15% of items 1 through 3 milestones in Change CO-001 Monogantry design	\$55,717.68	\$0.00	0%
1		Change order approval	25% of items 1 milestones in Change CO-001.Large Truck classification	\$68,430.00	\$68,430.00	100%
1		FAT for RSE in "Schedule B - Hardware" items 1 to 9	40% of items 1 milestones in Change CO-001.Large Truck classification	\$109,488.00	\$0.00	0%
1		SAT for each system in "Schedule C - Software" items 1 & 7	20% of items 1 milestones in Change CO-001.Large Truck classification	\$54,744.00	\$0.00	0%
1		Two months after go-live	15% of items 1 milestones in Change CO-001.Large Truck classification	\$41,058.00	\$0.00	0%
				\$645,171.17	\$161,292.79	25%
				\$14,625,840.17	\$2,071,181.37	14.1



# EXECUTIVE SUMMARY

- ❑ The Notice to Proceed (NTP) was issued to Pulice Construction Inc. (PCI) on February 15, 2022, with time charges commencing on March 17, 2022.
- ❑ The work under this contract shall be substantially completed within **1,264 CALENDAR** days [September 22, 2025] After Substantial Completion, Pulice will be allowed up to an additional 60 calendar days for Final Acceptance. Therefore, all improvements must be final accepted by [November 21, 2025].
- ❑ Working days will be charged Sunday through Saturday, including all holidays [with exception of:

New Year's Day (January 1<sup>st</sup> )

Independence Day (July 4<sup>th</sup>)

Labor Day (1st Monday in the month of September)

Thanksgiving Day and day after (4<sup>th</sup> Thursday and Friday in the month of November);

Christmas Eve and Day (December 24<sup>th</sup> and 25<sup>th</sup>)]

Regardless of weather conditions, material availability, or other conditions not under the control of the Contractor, except as expressly provided for in the Contract. If Contractor fails to complete the work on or before the contract time, Pulice Construction Inc. agrees to pay the Authority \$16,500 per day as liquidated damages to cover losses, expenses and damages of the Authority for every calendar day which the Contractor fails to achieve substantial completion of the Project.

- ❑ The total construction cost submitted \$295,932,420.25.



**HCRMA 365 TOLL PROJECT CSJ#0921-02-368: CHANGE ORDER SUMMARY**

HCRMA 365 TOLL PROJECT CSJ#0921-02-368: CHANGE ORDER SUMMARY

Thirteen (13) approved Changes Order(s): [**\$9,147,296.76**] +0 days

CO#1	11/11/2021	entering VECP process	+000 days	\$000,000,000.00	.0%
CO#2	12/21/2021	VECP Plan Revisions	+000 days	\$(14,208,622.30)	(4.80%)
CO#3	04/26/2022	VECP Contractor Risk	+000 days	\$000,000,000.00	(0%)
CO#4	01/24/2023	Drill Shafts	+000 days	\$171,516.59	0.06%
CO#5	06/24/2023	VECP True Realized Savings	+000 days	\$4,257,969.18	1.44%
CO#6	07/09/2024	Depot Road remove cul-de-sac	+000 days	(-\$30,843.33)	(0.01%)
CO#7	07/09/2024	Mission waterline conflict	+000 days	\$13,075.83)	0.004%
CO#8	07/09/2024	drill shaft casing conflict	+000 days	\$29,932.00	0.01%
CO#9	07/09/2024	irrigation PVC / LHPP	+000 days	(-\$1,782.00)	(0%)
CO#10	07/09/2024	TCP amendments	+000 days	\$249,919.32	0.08%
CO#11	07/09/2024	add McColl driveway	+000 days	\$23,450.97	0.008%
CO#12	07/09/2024	City of Pharr waterline	+000 days	\$135,487.78	0.005%
CO#13	07/09/2024	Traffic signal/cntrl cabinets	+000 days	\$212,599.20	0.717%

**Change Order No.1 Summary: November 10, 2021, Resolution 2021-54**

- The Primary purpose of Change Order No. 1 is for the HCRMA and contractor to enter a defined VECP proves to reduce the overall cost of the project based on a 30% design furnished by the contractor.
- Cost to the Project include: 30% of 5% of the project savings to the project or direct costs to the contractor, whichever is less. These costs are intended to pay the contractor for design work achieve a 30% design.
- The HCRMA assumes ownership of all design work developed by the contractor, and cost savings are shared by the HCRMA and contractor by 40% and 60% respectively.

**Change Order No. 2 Summary: December 20, 2021, Resolution 2021-78**

- Change order No. 2 amended the contract price from \$295,932,420.25 to \$281,723,797.95.
- By execution of Change Order No. 1, the contractor completed a 30% design to an effort to estimate cost savings for the project. Payment for the contractor’s initial design work is \$613,285.06 in accordance with calculations presented in Change Order No. 1. This is the only cost due to the contractor based on the execution of Change Order No. 2 and is non-participating.
- Notice to proceed was issued 2/15/2022, the HCRMA reimburse the contractor for the remaining design costs to not exceed 5% of the total cost savings. Payments made will be based upon design milestones at 60%, 90% and 100% completion and acceptance.

VECP calculations for Contract Price of	\$281,723,797.95	
VECP Gross Savings	\$38,010,382.63	
Less est. Total Design Cost	\$1,943,648.45	(Schematics + Final Design)
Less Est. Owner’s Fees	\$545,178.43	(GEC, Environmental, T&R Costs)
VECP Net Savings	\$35,521,555.75	
60% Contractor Saving:	\$21,312,933.45	Paid as Progress Payments
40% Contractor Saving:	\$14,208,622.30	Reduced from original Project



### Change Order No. 3 Summary: April 26, 2022, Resolution 2022-36

- As provided for Contract Amendment #1 and Change Order No. 2, the Contractor's share of the net savings includes the "Contractor Risk" that the actual costs of implementing the approved VECP concepts in Change Order No. 2 may not result in the saving approved by the parties. To the extent total actual costs exceed the total amount approved, all overages due to errors, oversights, omissions, additions, or corrections to final units, final quantities, or final unit prices or costs increases shall be deducted from Contractor 60% portion of the net savings.
- To the extent actual costs exceed the amounts presented in Exhibit A, Contractor agrees that such overages due to errors, oversight, omission additions, or corrections to final units, quantities or unit pricing shall be deducted from contractor's 60% portion of the net savings (the "Contractor Risk").
- Contractor VECP Savings Payments.

Contractor's share of the savings shall be calculated and paid out as progress payments under the terms of the contract, as follows:

Construction Progress	Proposed Savings Payment
20% Completion	\$4,262,586.69
40% Completion	\$4,262,586.69
60% Completion	\$4,262,586.69
80% Completion	\$4,262,586.69
Final Acceptance	<u>\$4,262,586.69</u>
	<b>\$21,312,933.45</b>

The parties agrees that if the savings are not apparent or justified during a designated progress period, all, or part of any such Savings Payment, on the recommendation of the General Engineering Consultant, may be (i) deferred to the next progress period or (iii) reduced to reflect the Contractor's Risk for unrealized savings/overages.

### Change Order No. 4 Summary: January 24, 2023, Resolution 2023-05

Change Order No. 4 removes 1,524LF of Item 416-6005 Drill Shaft (42") introduces 48" drill shafts to incorporate detailed, finalized quantities and unit costs, and establishes State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract.

Change Order No. 4 introducing 1,585LF of Item 416-6006 Drill Shaft (48 IN) at a unit cost of \$308.39/LF for a net cost of \$171,516.59 to be fully paid by HCRMA [Owner].

**Change Order No. 5 Summary: July 24, 2023, Resolution 2023-30**

In lieu of \$38,010,382.63 savings, Contractor only can truly account for \$30,565,888. Contractor is claiming that of the \$7,444,494.63 shortfall, only \$3,186,525.45 is from Contractor’s 60% at risk pool; additional \$4,257,969.18 are contributable to busts in original plans, design errors, and quantity mistakes and are to be attributed to HCRMA contingency [~~\$ 5,000,000.00~~ >>\$570,514.23].

- As provided for Contract Amendment #1 and Change Order No. 2, the Contractor’s share of the net savings includes the “Contractor Risk” that the actual cost of implementing the approved VECP concepts in Change Order No. 2 may not result in the saving approved by the parties. To the extent, total actual costs exceed total amount approved, all overage due to errors, oversights, omissions, additions, or corrections to final units, final quantities, or final unit prices or costs increases, shall be deducted from Contractor 60% portion of the net savings. **The unrealized savings presented are \$2,367,208.20.**
  - To the extent actual costs exceed the amounts presented in Exhibit A, contractor agrees that such overages due to errors, oversight, omission additions, or corrections to the final units, quantities or unit pricing shall be deducted from contractor’s 60% portion of the net savings (the “Contractor Risk”), **revised shall be \$18,945,725.25.**
  - Contractor VECP Savings Payments **are amended, as such:**

Contractor’s share of the saving shall be calculated and paid out as progress payments under the terms of the contract, as follows:

Construction Progress	Proposed Savings Payment	Paid Date
**20% Completion	\$4,262,586.69	12/22/22
40% Completion	<del>\$4,262,586.69</del> \$3,670,784.64	
60% Completion	<del>\$4,262,586.69</del> \$3,670,784.64	
80% Completion	<del>\$4,262,586.69</del> \$3,670,784.64	
Final Acceptance	<del>\$4,262,586.69</del> \$3,670,784.64	
	<del>\$21,312,933.45</del> \$18,945,725.25	

\*\*[ $\$18,945,725.25 - \$4,262,586.69 = \$14,683,138.56 / 4 = \$3,670,784.64$ ]

**Change Order No. 6 - 13 Summary: July 9, 2024, Resolution 2024-27**

The sum of change orders proves a net cost increase of \$ 622,839.77 to be fully paid by the HCRMA [Owner]. Establishing a new revised contract price of \$286,843,285.09 with no additional time; and incorporates detailed, finalized quantities and unit costs; and establishes State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract. These are compilations of various Field Changes:

**Change Order No. 6 Summary: (-\$30,843.33)**

The scope of this change is to compensate for the changes related to Depot Road (southbound frontage road for SP115) which will remain in place at the directive of TxDOT. The existing SB frontage road (Depot) will be left in place in lieu of obliteration and cul-de-sac. As a result, the proposed levee will be reduced, guard rail and rail Ty T80PP will be added to protect columns. In addition, the TCP is revised to allow for the phased additional work.

**Change Order No. 7 Summary: \$13,075.83**

This change resolves an unanticipated utility conflict between the city of Mission 16" waterline casing and proposed drainage line at station 649+00. In lieu of the proposed 5' x 5', an 8'x8' Conflict Manhole must be installed to accommodate construction.

**Change Order No. 8 Summary: \$20,932.00**

The 60" drill shafts from FM 494 Bent 2 conflict with placed 24" water line casing. The existing 24" RCP CL V water line casing would need to be removed and relayed using the same pipe. Estimated damaged pipe would need to be new RCP.

**Change Order No. 9 Summary: (-\$1,782.00)**

Due to existing field conditions, the irrigation line from station 752+36.15 to 760+66.11 increased from 18" Pressure Irrigation PVC pipe to 36" LHPP. CO#5 instrumented replacement to 36" LHPP. However, due to immediate material need and unavailability, a 30" LHPP was placed in lieu of 36".

**Change Order No. 10 Summary: \$249,919.32**

Pertinent plan sheets depicted traffic control plan implementing portable concrete traffic barriers and crash cushion appurtenances for safety of traveling public; however, items were not included in estimate.

**Change Order No. 11 Summary: \$23, 450.97**

This change adjusts items per driveway revisions on McColl Rd. The proposed NW driveways were revised to provide better access for the local businesses and to add end treatment components for safety purposes at driveway intersections.

**Change Order No. 12 Summary: \$135,487.78**

The scope of this change is to add and adjust items related to the 18" waterline relocation. Items were accounted in plans but not placed on estimate.

**Change Order No. 13 Summary: \$212,599.20**

TS pole mounted cabinets (TY 2 CONF 2) to be installed, attached to the vertical mast of existing and proposed traffic signal poles. Installing ITS cabinets on traffic signal poles is not per TxDOT standard. Cabinets are to be installed as ground mounted to specifications.

# PROJECT PRODUCTION

## ❑ CAPTURING VECP PACKETS

- 02/08/23 VECP Team met, exchanged concepts, formats
- 03/08/23 VECP meeting formal report submitted
- 04/20/23 VECP concepts completed and negotiations underway
- 07/07/23 New revised baseline schedule
- 07/10/23 CO#5 terms and conditions
- 02/23/24 CO#6 conditions and negotiations
- 07/09/24 CO#6 - 13 various

## ❑ FORMAL SUBMITTALS, REVIEW OF DOCUMENTS

- RFIs 123
- SUBMITTALS 124

## ❑ TESTING [Soils/Concrete]

- Levees / embankment / select fill
- Drill Shafts / Bents / Slab
- Roadway: limed subgrade / cement treated base / CRCP
- MSE Backfill
- Irrigation Structures

## ❑ ENVIRONMENTAL JUSTICES [SW3Ps] Archeological Sites

## ❑ EMBANKMENT: Shary / SH336 / SP115 / Highline / McColl / Anaya / Cage

## ❑ UNDERGROUND WORK: Storm Sewer / Irrigation structures / Tolling Conduit

## ❑ LEVEE Work: Ware / Jackson / US281

## ❑ Bridge Substructure FM494 / Floodway / SP115 / SH336/ McColl / Ditch Bridge / Highline

- BEAMS SET: McColl / Canal Bridge / Floodway / FM494

## ❑ RETAINING WALLS Highline / Anaya / SP115 / SH336 / Jackson



West End of project cylo and mixing plant





Jackson Road Irrigation Bypass



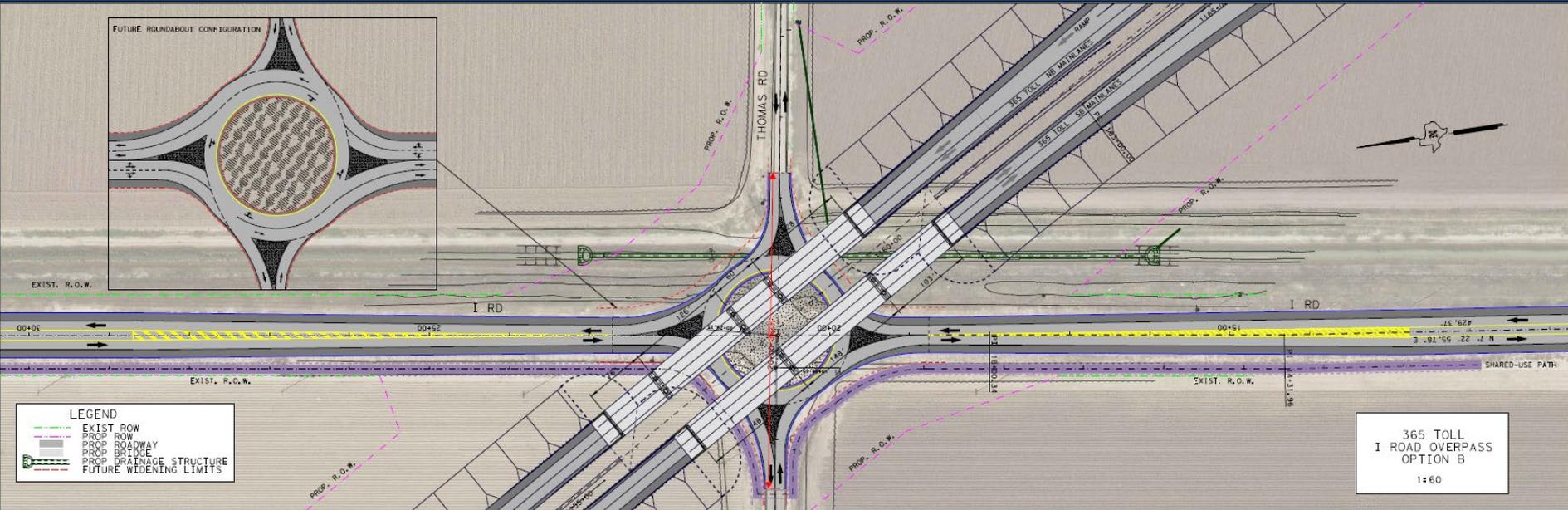


I Rd (Veterans) @Thomas Road Closure



Thomas I Rd substructure





Set beams at Anaya Bridge



Anaya Intersection looking South



Business: HCRMA  
 Project Name: 365 TOLL PROJECT CSJ:0921-02-368  
 Project Description: GREENFIELD PROJECT, PRINCIPAL ARTERIAL, CONTROLLED ACCESS HIGHWAY, TOLL IMPROVEMENT, CSJ: 0921-02-368  
 Prime Contractor: PULICE CONSTRUCTION, INC.  
 Notice to Proceed Date: 2/15/2022  
 Construction Start Date: 3/17/2022  
 Awarded Project Amount: \$ 295,932,420.30  
 Net Change by Change Orders: \$ (30,174,437.02)  
 Authorized Project Amount: \$ 265,757,983.20  
 % Complete Paid Authorized Amount: 53.017

**Payment History:**

Payment Number	Pay Period Start	Pay Period End	Payment Amount	Payment To Date	Payment Status	Monthly Production %	Cummulative %
32	10/16/2024	11/30/2024	\$8,822,222.41	\$149,720,268.39	Pending	3.32	56.34
31	9/16/2024	10/15/2024	\$3,169,850.18	\$140,898,045.98	Paid	1.19	53.02
30	8/16/2024	9/15/2024	\$3,999,289.82	\$137,728,195.80	Paid	1.50	51.82
29	7/16/2024	8/15/2024	\$5,786,638.29	\$133,728,905.98	Paid	2.18	50.32
28	6/16/2024	7/15/2024	\$2,006,402.82	\$127,942,267.69	Paid	0.75	48.14
27	5/16/2024	6/15/2024	\$3,637,006.93	\$125,935,864.87	Paid	1.37	47.39
26	4/16/2024	5/15/2024	\$2,271,351.76	\$122,298,857.94	Paid	0.85	46.02
25	3/16/2024	4/15/2024	\$5,798,909.13	\$120,027,506.18	Paid	2.18	45.16
24	2/16/2024	3/15/2024	\$2,969,884.58	\$114,228,597.05	Paid	1.12	42.98
23	1/16/2024	2/15/2024	\$4,352,674.67	\$111,258,712.47	Paid	1.64	41.86
22	12/16/2023	1/15/2024	\$3,798,704.58	\$106,906,037.80	Paid	1.43	40.23
21	11/16/2023	12/15/2023	\$7,678,808.97	\$103,107,333.22	Paid	2.89	38.80
20	10/16/2023	11/15/2023	\$6,172,155.46	\$95,428,524.25	Paid	2.32	35.91
19	9/16/2023	10/15/2023	\$5,115,697.33	\$89,256,368.79	Paid	1.92	33.59
18	8/16/2023	9/15/2023	\$7,157,089.08	\$84,140,671.46	Paid	2.69	31.66
17	7/16/2023	8/15/2023	\$5,532,158.94	\$76,983,582.38	Paid	2.08	28.97
16	6/16/2023	7/15/2023	\$2,803,225.26	\$71,451,423.44	Paid	1.05	26.89
15	5/16/2023	6/15/2023	\$2,402,150.75	\$68,648,198.18	Paid	0.90	25.83
14	4/16/2023	5/15/2023	\$1,672,812.23	\$66,246,047.43	Paid	0.63	24.93
13	3/16/2023	4/15/2023	\$2,302,505.87	\$64,573,235.20	Paid	0.87	24.30
12	2/16/2023	3/15/2023	\$1,571,621.63	\$62,270,729.33	Paid	0.59	23.43
11	1/16/2023	2/15/2023	\$1,519,297.77	\$60,699,107.70	Paid	0.57	22.84
10	12/16/2022	1/15/2023	\$943,705.68	\$59,179,809.93	Paid	0.36	22.27
9	11/15/2022	12/15/2022	\$8,892,613.75	\$58,236,104.25	Paid	3.35	21.91
8	10/15/2022	11/14/2022	\$4,085,602.35	\$49,343,490.50	Paid	1.54	18.57
7	9/16/2022	10/14/2022	\$1,427,873.36	\$45,257,888.15	Paid	0.54	17.03
6	8/19/2022	9/15/2022	\$657,136.92	\$43,830,014.79	Paid	0.25	16.49
5	7/20/2022	8/18/2022	\$378,458.17	\$43,172,877.87	Paid	0.14	16.25
4	6/21/2022	7/19/2022	\$2,793,575.17	\$42,794,419.70	Paid	1.05	16.10
3	6/1/2022	6/20/2022	\$2,336,832.39	\$40,000,844.53	Paid	0.88	15.05
2	5/1/2022	5/31/2022	\$14,029,200.82	\$37,664,012.14	Paid	5.28	14.17
1	2/15/2022	4/30/2022	\$23,634,811.32	\$23,634,811.32	Paid	8.89	8.89
<b>Total:</b>			<b>\$149,720,268.39</b>				

	PAID	RECOVERED	REMAINING
MOH	\$ 39,845,342.32	\$ 18,665,860.83	\$ 21,179,481.49

General Information

Project

Work Type  
Heavy Highway

Location



Texas Parks & Wildlife, CONANP, Esri, TomTom, Gar... Powered by Esri

Coordinates  
26.14052384945899, -98.24062242016183

Location  
FM-396 (ANZALDUAS HIGHWAY) TO US-281 MILITARY HIGHWAY

Management

Prime Contractor  
PULICE CONSTRUCTION, INC.

Project Manager  
Ramon Navarro, IV., P.E.

Managing Office  
HCRMA Construction Department

Created By  
Sergio Mandujano

Awarded Amount  
\$295,932,420.25

Authorized Amount  
\$265,757,983.23

Approved Changes  
-\$30,174,437.02

Description

GREENFIELD PROJECT, PRINCIPAL ARTERIAL, CONTROLLED ACCESS HIGHWAY, TOLL IMPROVEMENT, CSJ: 0921-02-368

Amount Paid

Amount paid so far  
\$140,898,045.98



Important Dates

Date Created  
Apr 22, 2022

Notice to Proceed  
Feb 15, 2022

Construction Start  
Mar 17, 2022

Work Completion  
Sep 22, 2025

Progress

Time Complete: 1001 Days

Time Remaining: 263 Days

Amount Posted: \$128,704,107.90

Awarded Amount: \$295,932,420.25

Amount Posted: \$128,704,107.90

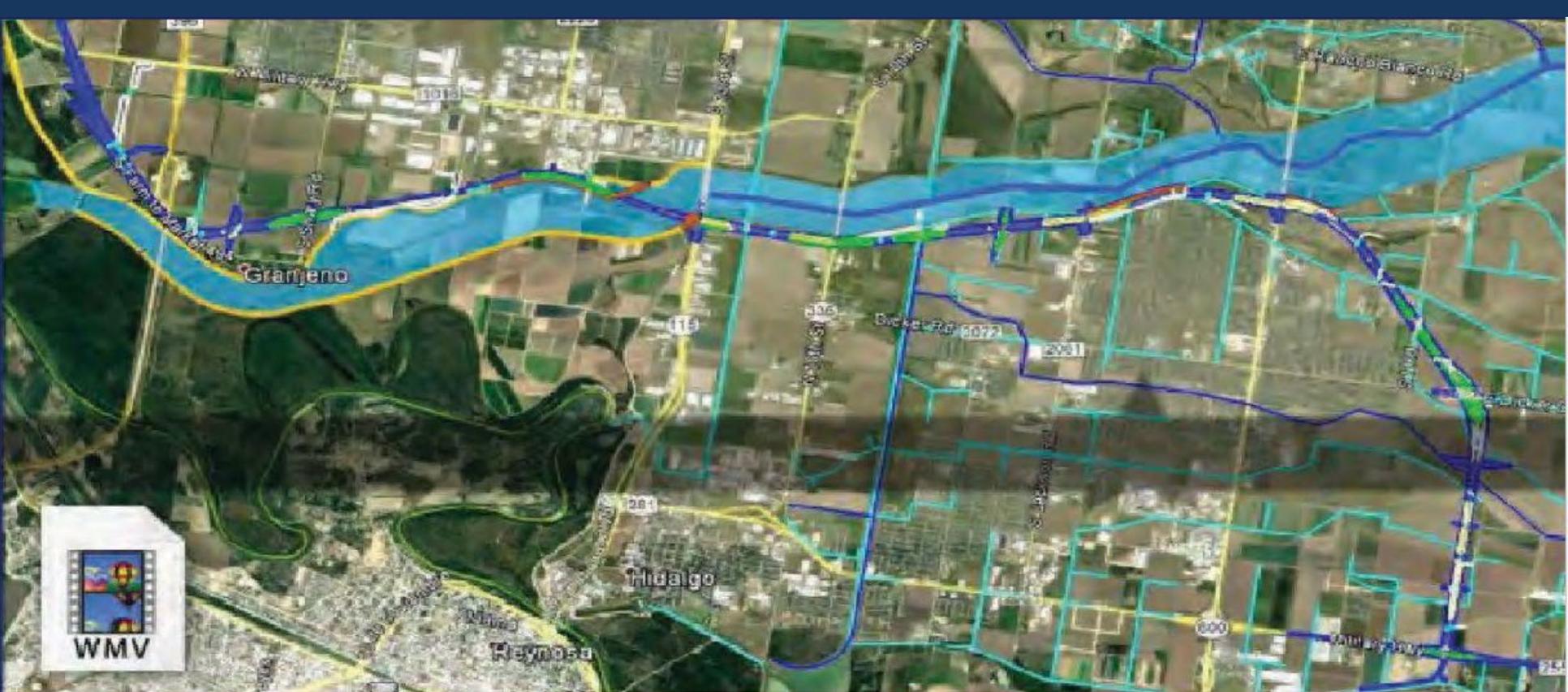
Authorized Amount: \$265,757,983.23

Total Retainage  
\$0.00

Retainage Released  
\$0.00

Liquidated Damages  
\$0.00





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Item 2A

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

<b>BOARD OF DIRECTORS</b>	<u>  X  </u>	<b>AGENDA ITEM</b>	<u>  2A  </u>
<b>PLANNING COMMITTEE</b>	<u>          </u>	<b>DATE SUBMITTED</b>	<u> 12/09/2024 </u>
<b>FINANCE COMMITTEE</b>	<u>          </u>	<b>MEETING DATE</b>	<u> 12/17/2024 </u>
<b>TECHNICAL COMMITTEE</b>	<u>          </u>		

1. Agenda Item: **APPROVAL OF MINUTES FOR THE BOARD OF DIRECTOR'S REGULAR MEETING HELD NOVEMBER 19, 2024.**
  
2. Nature of Request: (Brief Overview) Attachments:  Yes  No  
Approval of Minutes for the Hidalgo County Regional Mobility Authority Board of Directors Regular Meeting held November 19, 2024.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:  Yes  No  N/A
  
5. Staff Recommendation: **Motion to approve the minutes for the Board of Director's Regular Meeting held on November 19, 2024.**
  
6. Program Manager's Recommendation:  Approved  Disapproved  None
  
7. Planning Committee's Recommendation:  Approved  Disapproved  None
  
8. Board Attorney's Recommendation:  Approved  Disapproved  None
  
9. Chief Auditor's Recommendation:  Approved  Disapproved  None
  
10. Chief Financial Officer's Recommendation:  Approved  Disapproved  None
  
10. Chief Development Engineer's Recommendation:  Approved  Disapproved  None
  
11. Chief Construction Engineer's Recommendation:  Approved  Disapproved  None
  
12. Executive Director's Recommendation:  Approved  Disapproved  None

**STATE OF TEXAS  
COUNTY OF HIDALGO  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

The Hidalgo County Regional Mobility Authority Board of Directors convened for a Regular Board Meeting on Tuesday, November 19, 2024, at 5:30 pm at the Hidalgo County Regional Mobility Authority, Large Conference Room, 203 W. Newcombe Ave., Pharr, Texas 78577, with the following participating:

Board Members: Robert L. Lozano, Chairman  
Ezequiel Reyna, Vice-Chairman  
Juan Carlos Del Ángel, Secretary/Treasurer  
Gabriel Kamel, Director  
Frank Pardo, Director  
Sergio Saenz, Director  
Michael Williamson, Director

Absent: None

Staff: Pilar Rodriguez, Executive Director  
Ramon Navarro, Chief Construction Engineer  
Ruben Alfaro, Development Engineer  
Celia Gaona, Chief Auditor/Compliance Officer  
Jose Castillo, Chief Financial Officer  
Ivonne Rodriguez, Program Coordinator  
Blakely Fernandez, Bracewell, LLP, Legal Counsel  
Richard Ramirez, Hilltop Securities, Financial Advisor

**PLEDGE OF ALLEGIANCE**

Chairman Lozano led the Pledge of Allegiance.

**INVOCATION**

Mrs. Ivonne Rodriguez led the invocation.

**OATH OF OFFICE** – Robert L. Lozano

**CALL TO ORDER OF A WORKSHOP AT 5:33 P.M.**

1. Review of the proposed Fiscal Year 2025 Operating and Capital Budget.  
*Mr. Pilar Rodriguez reviewed the proposed Fiscal Year 2025 Operating and Capital Budget.*
2. Review of the 2024 Strategic Plan Update for the Hidalgo County Regional Mobility Authority.  
*Mr. Ruben Alfaro reviewed the 2024 Strategic Plan Update for the Hidalgo County Regional Mobility Authority.*

3. Review of the 2024 Annual Report for submission to the Texas Department of Transportation.  
*Mr. Pilar Rodriguez reviewed the 2024 Annual Report for submission to the Texas Department of Transportation.*

#### **ADJOURNMENT OF WORKSHOP**

#### **CALL TO ORDER AND ESTABLISHMENT OF A QUORUM FOR A REGULAR MEETING**

Chairman Lozano called the Regular Meeting to order at 6:21 p.m.

#### **PROCLAMATION**

S. David Deanda (May 2016 to September 2024)

#### **PUBLIC COMMENT**

*No Comments*

#### **1. REPORTS**

- A. Report on Program Management Activity for 365 Tollway Project – HCRMA Staff  
*Mr. Ruben Alfaro reported on Program Manager Activity for 365 Tollway Project. No action taken.*
- B. Report on Construction Activity for 365 Tollway Project – Ramon Navarro IV, HCRMA.  
*Mr. Ramon Navarro reported on the construction activity for 365 Tollway Project. No action taken.*

#### **2. CONSENT AGENDA**

***Motion by Ezequiel Reyna, Jr. with a second by Michael Williamson, to approve the Consent Agenda. Motion carried unanimously.***

- A. Approval of Minutes for the Regular Board Meeting held October 22, 2024 and Special Board Meeting held October 29, 2024.  
*Approved the Minutes for the Regular Board Meeting held October 22, 2024 and Special Board Meeting held October 29, 2024.*
- B. Approval of Project & General Expense Report for the period from October 8, 2024 to November 6, 2024.  
*Approved the Project & General Expense Report for the period from October 8, 2024 to November 6, 2024.*
- C. Resolution 2024-43 – Authorization to remove S. David Deanda as a signatory and the addition of Robert L. Lozano, Chairman, as an authorized signatory on the PlainsCapital account.  
*Approved Resolution 2024-43 – Authorization to remove S. David Deanda as a signatory and the addition of Robert L. Lozano, Chairman, as an authorized signatory on the PlainsCapital account.*
- D. Resolution 2024-44– Approval of the Hidalgo County Regional Mobility Authority Designee, Alternate, and Proxy to the Rio Grande Valley Metropolitan Planning Organization.  
*Approved Resolution 2024-44– Approval of the Hidalgo County Regional Mobility Authority Designee, Alternate, and Proxy to the Rio Grande Valley Metropolitan Planning Organization.*

### 3. REGULAR AGENDA

- A. Resolution 2024-45 – Resolution Supporting State Highway 68 Design Modification Route Number 7.  
**No Action.**
  
- B. Resolution 2024-46 – Consideration & Approval of Work Authorization Number 3 with B2Z Engineering for material testing services on the proposed wetland mitigation for the 365 Tollway Project.  
**Motion by Sergion Saenz, with a second by Frank Pardo to approve Resolution 2024-46 – Consideration & Approval of Work Authorization Number 3 with B2Z Engineering for material testing services on the proposed wetland mitigation for the 365 Tollway Project in the amount of \$278,067.32. Motion carried unanimously.**
  
- C. Resolution 2024-47 – Consideration and Approval of Contract Amendment Number 2 to the Professional Service Agreement with B2Z Engineering to increase the maximum payable amount for Work Authorization Number 3.  
**Motion by Michael Williamson, with a second by Carlos Del Angel to approve Resolution 2024-47 – Consideration and Approval of Contract Amendment Number 2 to the Professional Service Agreement with B2Z Engineering to increase the maximum payable amount to \$2,224,729.98 for Work Authorization Number 3. Motion carried unanimously.**

### 4. CHAIRMAN’S REPORT

- A. Rio Plex Presentation.

### 5. TABLED ITEMS

- A. None.

### 6. EXECUTIVE SESSION, CHAPTER 551, TEXAS GOVERNMENT CODE, SECTION 551.071 (CONSULTATION WITH ATTORNEY), SECTION 551.072 (DELIBERATION OF REAL PROPERTY), AND SECTION 551.074 (PERSONNEL MATTERS)

**Motion by Michael Williamson, with a second by Carlos Del Angel, to enter into Executive Session to consult with board Attorney on legal issues pertaining to Item 6A under section 551.071 of the Texas Government Code at 7:12 p.m. Motion carried unanimously.**

- A. Consultation with Attorney on legal issues pertaining to the advance project development of the 365 Tollway Segment 4, Section “A” West and Section “C” of the Hidalgo County Loop System (Section 551.071 T.G.C.).  
**No Action taken.**
  
- B. Consultation with Attorney on legal issues pertaining to the Joint Use Agreement between Hidalgo County Irrigation District Number 2 and the Hidalgo County Regional Mobility Authority for the 365 Tollway Project (551.071 T.G.C.).  
**No Action taken.**

- C. Consultation with Attorney on legal issues pertaining to Change Order Number 1-13 to that certain contract with Pulice Construction Inc. for the 365 Tollway Project (551.071 T.G.C.).  
**No Action taken.**
- D. Consultation with Attorney on legal issues pertaining to the Financial Assistance Agreement with the Texas Department of Transportation for the 365 Tollway Project (551.071 T.G.C.).  
**No Action taken.**
- E. Consultation with Attorney on legal issues pertaining to Professional Service Agreements for Inspection, Engineering, Surveying and Environmental Services to include construction material testing (Section 551.071 T.G.C.).  
**No Action Taken.**
- F. Consultation with Attorney on legal issues pertaining to the voluntary acquisition of real property for various parcels for the 365 Tollway Project and International Bridge Trade Corridor Project (Sections 551.071 and 551.072 T.G.C.).  
**No Action Taken.**
- G. Consultation with Attorney on legal issues pertaining to the acquisition, including the use of Eminent Domain, for property required to complete the project alignments of the 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).  
**No Action Taken.**
- H. Consultation with Attorney on legal issues pertaining to the Environmental Clearance Document for the International Bridge Trade Corridor Project (Section 551.071 T.G.C.).  
**No Action taken.**
- I. Consultation with Attorney on legal issues pertaining to Professional Services Agreements (Section 551.071 T.G.C.).  
**No Action taken.**

**Motion by Michael Williamson, with a second by Carlos Del Angel, to reconvene the regular board meeting at 8:17 p.m. Motion carried unanimously.**

**ADJOURNMENT**

*There being no other business to come before the Board of Directors, motion by Ezequiel Reyna, with a second by Michael Williamson, to adjourn the meeting at 8:19 p.m.*

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Robert L. Lozano, Chairman

Attest:

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Juan Carlos Del Ángel, Secretary/Treasurer

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**Item 2B**

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  2B  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>  12/10/24  </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>  12/17/24  </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **APPROVAL OF PROJECT AND GENERAL EXPENSE REPORT FROM NOVEMBER 7, 2024 TO DECEMBER 4, 2024**

2. Nature of Request: (Brief Overview) Attachments:  Yes  No

Consideration and approval of project and general expense report for the period from November 7, 2024, to December 4, 2024

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted:  Yes  No  N/A Funding Source: VRF Bond

Operating Account	\$ 251,218.26
Toll Revenue Series 2022A&B	\$ 9,910,483.40
Disbursement Account	\$ 0.00
VRF Series 2020A	\$ 0.00
<b>Total Project Expenses for Reporting Period</b>	<b>\$ 10,161,701.66</b>
Fund Balance after Expenses	\$ 127,380,507

5. Staff Recommendation: **Motion to approve the project and general expense report for the November 7, 2024, to December 4, 2024, as presented.**

6. Planning Committee's Recommendation:  Approved  Disapproved  None

7. Finance Committee's Recommendation:  Approved  Disapproved  None

8. Board Attorney's Recommendation:  Approved  Disapproved  None

9. Chief Auditor's Recommendation:  Approved  Disapproved  None

10. Chief Financial Officer's Recommendation:  Approved  Disapproved  None

11. Chief Development Engineer's Recommendation:  Approved  Disapproved  None

12. Chief Construction Engineer's Recommendation:  Approved  Disapproved  None

13. Executive Director's Recommendation:  Approved  Disapproved  None



# Memorandum

**To:** Robert L. Lozano, Chairman  
**From:** Pilar Rodriguez, PE, Executive Director  
**Date:** December 10, 2024  
**Re:** **Expense Report for the Period from November 7, 2024, to December 4, 2024**

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Attached is the expense report for the period commencing on November 7, 2024, to December 4, 2024.

Expenses for the General Account total \$251,218.26, Toll Revenue Series 2022A&B total is \$ 9,910,483.40, Disbursement Account total \$0, and the VRF Series 2020A Account is \$0. The aggregate expense for the reporting period is \$10,161,701.66.

Based on review by this office, **approval of expenses for the reporting period is recommended in the aggregate amount of \$ 10,161,701.66.**

This leaves a fund balance (all funds) after expenses of \$127,380,507.

If you should have any questions or require additional information, please advise.



**Nov. 7 - Dec. 4**  
**December 2024**

**Plains Capital 41**

Make Check Payable to	Inv Date	Amount	
Valero Fleet	11/15/2024	\$ 616.00	Previously Paid ACH
City of Pharr	12/3/2024	\$ 850.00	
City of Pharr	12/4/2024	\$ 199,339.24	
City of Pharr	12/4/2024	\$ 205.00	
City of Pharr	12/4/2024	\$ 6,150.00	
City of Pharr	12/9/2024	\$ 3,608.76	
Pharr Economic Development Corp.	12/4/2024	\$ 4,480.00	
Bracewell, LLP	11/7/2024	\$ 5,211.42	
Juan Aguayo	12/3/2024	\$ 130.00	
Pathfinder Public Affairs	11/30/2024	\$ 10,000.00	
Pena Designs	12/2/2024	\$ 200.00	
Gateway Printing & Office Supply Inc.	12/4/2024	\$ 31.47	
Office Depot	11/19/2024	\$ 380.62	
A-Fast Delivery, LLC	11/20/2024	\$ 133.50	
Xerox Financial Services	11/11/2024	\$ 1,041.93	
Xerox Financial Services	11/11/2024	\$ 219.46	
RGV Awards, LLC / DBA: Winner's World	11/15/2024	\$ 98.00	
Texas Municipal League Intergovernmental Risk Pool	12/1/2024	\$ 4,270.84	
Texas Municipal League Intergovernmental Risk Pool	12/2/2024	\$ 2,063.88	
Texas Municipal League Intergovernmental Risk Pool	12/3/2024	\$ 5,709.48	
Texas Municipal League Intergovernmental Risk Pool	12/4/2024	\$ 1,560.16	
Zitro Electric	11/8/2024	\$ 2,850.00	
Credit Card Services	12/3/2024	\$ 55.00	
Credit Card Services	12/3/2024	\$ 743.33	
Credit Card Services	12/3/2024	\$ 1,026.54	
Credit Card Services	12/3/2024	\$ 243.63	
		\$ 251,218.26	

**Wilmington Trust 44/365 Project Construction & Related Costs 2022 A**

Pulice Construction, Inc.	12/19/2024	\$ 8,822,222.41
SICE Inc.	11/18/2024	\$ 59,817.92
HDR Engineering, Inc.	11/22/2024	\$ 193,189.71
HDR Engineering, Inc.	11/22/2024	\$ 1,450.00
HDR Engineering, Inc.	11/22/2024	\$ 36,596.67
Atlas Technical Consultants, LLC	12/2/2024	\$ 21,756.46
Bracewell, LLP	11/7/2024	\$ 8,027.50
Bracewell, LLP	12/4/2024	\$ 1,798.75
Escobedo & Cardenas, LLP	12/4/2024	\$ 1,403.00
Law Office of Richard A. Cantu, P.C.	12/4/2024	\$ 945.50
Raba Kistner, Inc.	12/4/2024	\$ 2,783.64
Raba Kistner, Inc.	12/4/2024	\$ 22,842.77
TF Field Services	11/24/2024	\$ 11,426.29
MitRes Services	11/7/2024	\$ 467,169.34
Texas Department of Transportation	11/15/2024	\$ 93.23
SWG Engineering, LLC	11/30/2024	\$ 11,850.00
Terracon Consultants, Inc.	12/2/2024	\$ 197,782.21
B2Z Engineering	12/4/2024	\$ 46,708.48
B2Z Engineering	12/4/2024	\$ 2,619.52
		\$ 9,910,483.40

**Wilmington Trust 45/Capital Projects CP**

	\$ -
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Sub Total - General -41 (Operating)	\$ 251,218.26
Sub Total - Construction/Related Costs-44 (New Bonds A)	\$ 9,910,483.40
Sub Total - Capital Projects-45 (Disbursement)	\$ -
<b>Total</b>	<b>\$ 10,161,701.66</b>

**Approved:** \_\_\_\_\_  
Robert L. Lozano, Chairman

\_\_\_\_\_  
Pilar Rodriguez, Executive Director

**Approved:** \_\_\_\_\_  
Juan Carlos Del Ángel, Secretary/Treasurer

**12/17/2024**

Item 2C

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

<b>BOARD OF DIRECTORS</b>	<u>  X  </u>	<b>AGENDA ITEM</b>	<u>  2C  </u>
<b>PLANNING COMMITTEE</b>	<u>          </u>	<b>DATE SUBMITTED</b>	<u>  12/09/24  </u>
<b>FINANCE COMMITTEE</b>	<u>          </u>	<b>MEETING DATE</b>	<u>  12/17/24  </u>
<b>TECHNICAL COMMITTEE</b>	<u>          </u>		

1. Agenda Item: **APPROVAL OF THE FINANCIAL REPORT FOR THE MONTH OF OCTOBER 2024**
  
2. Nature of Request: (Brief Overview) Attachments:   X   Yes    No  
Consideration and approval of financial report for the month of October 2024.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:    Yes    No   X   N/A  
  
Funding Source:
  
5. Staff Recommendation: **Motion to approve the Financial Report for the months of October 2024, as presented.**
  
6. Planning Committee's Recommendation:    Approved    Disapproved   X   None
  
7. Finance Committee's Recommendation:    Approved    Disapproved   X   None
  
8. Board Attorney's Recommendation:    Approved    Disapproved   X   None
  
9. Chief Auditor's Recommendation:    Approved    Disapproved   X   None
  
10. Chief Financial Officer's Recommendation:   X   Approved    Disapproved    None
  
11. Chief Development Engineer's Recommendation:    Approved    Disapproved   X   None
  
12. Chief Construction Engineer's Recommendation:    Approved    Disapproved   X   None
  
13. Executive Director's Recommendation:   X   Approved    Disapproved    None

**HIDALGO CO. REGIONAL MOBILITY AUTHORITY  
STATEMENT OF NET POSITION OCTOBER 31, 2024**

**ASSETS**

**CURRENT ASSETS**

Cash & cash equivalents	\$ 16,628,388
Cash with fiscal agent-promiles	62,152
Cash & cash equivalents-Capital Projects	95,551,580
Accounts Receivable - VR Fees	581,500
Accounts Receivable - Promiles	29,754
Advance	2,513,637
Prepaid expense	578
Prepaid bond insurances	275,498
	<hr/>
Total Current Assets	115,643,087

**RESTRICTED ASSETS**

Cash & equivalent-Construction 2022 A&B series	23,208,127
Investment-2020 debt service	2,877,455
Investment-debt service: 2022 A&B	2,351,264
Cash & equivalents-debt service reserves: 2022 A&B	19,705,877
Investment-2022 liendebt service	1,061,847
	<hr/>
Total Restricted Assets	49,204,570

**CAPITAL ASSETS**

Land-ROW	914,934
Land-environmental	441,105
Leaschold improvements	388,932
Office equipment/other	40,946
Right to use-Bldg	437,340
Road-BSIF	3,010,637
Construction in progress	254,192,172
Accumulated depreciation	(491,277)
Accumulated amortization	(251,471)
	<hr/>
Total Capital Assets	258,683,319

<b>TOTAL ASSETS</b>	<b>\$ 423,530,976</b>
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**LIABILITIES AND NET POSITION**

**CURRENT LIABILITIES**

Accounts payable-City of Pharr	
Lease Payable	208,697
Unearned Revenue - Overweight Permit Escrow	62,152
Current Portion of Bond Premium 2020A	45,256
Current Portion of Bond Premium 2022 A	356,126
Current Portion of Bond Premium 2022 B	132,309
	<hr/>
Total Current Liabilities	804,540

**RESTRICTED LIABILITIES**

Current Portion of Long-Term 2020 Debt	2,325,000
Retainage payable	172,375
	<hr/>
Total Restricted Liabilities	2,497,375

**LONG-TERM LIABILITIES**

2020 Series A Bonds Payable	9,870,000
2020 Series B Bonds Payable	53,260,000
2022 Series A Bonds Payable	157,343,753
2022 Series B Bonds Payable	66,398,144
Bond premium 2020A	1,165,340
Bond premium 2022A	11,366,348
Bond premium 2022B	4,222,858
	<hr/>
Total Long-Term Liabilities	303,626,443

Total Liabilities	306,928,358
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**NET POSITION**

Investment in Capital Assets, Net of Related Debt	(24,974,760)
Restricted for:	
Debt Service	23,499,068
Capital projects	23,208,127
Unrestricted	94,870,183
	<hr/>
Total Net Position	116,602,618

<b>TOTAL LIABILITIES AND NET POSITION</b>	<b>\$ 423,530,976</b>
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Pharr, TX

# Balance Sheet

## Account Summary

As Of 10/31/2024

Account	Name	Balance	
<b>Fund: 41 - HCRMA-GENERAL</b>			
<b>Assets</b>			
<u>41-1-1100-000</u>	GENERAL OPERATING	110,613.99	
<u>41-1-1102-000</u>	POOL INVESTMENTS	8,981,016.14	
<u>41-1-1102-001</u>	INVESTMENT-ROAD MAINT,	1,120,585.92	
<u>41-1-1102-002</u>	INVESTMENT-GENERAL	6,416,171.55	
<u>41-1-1113-000</u>	ACCOUNTS RECIEVABLES-VR FEES	581,500.00	
<u>41-1-1113-009</u>	ACCOUNTS RECEIVABLE- PROMILES	29,754.00	
<u>41-1-1113-100</u>	PROMILES-PREPAID/ESCROW OVERWE	62,151.56	
<u>41-1-1601-000</u>	PREPAID EXPENSE	577.72	
<u>41-1-1601-001</u>	PREPAID BOND INSURANCE	275,497.51	
<u>41-1-1910-001</u>	LAND - RIGHT OF WAY	914,933.99	
<u>41-1-1910-002</u>	LAND - ENVIORNMENTAL	441,105.00	
<u>41-1-1920-004</u>	LEASEHOLD IMPROV.	388,932.22	
<u>41-1-1922-000</u>	ACCUM DEPR - BUILDINGS	-161,660.23	
<u>41-1-1940-001</u>	OFFICE FURNITURE & FIXTURES	32,339.94	
<u>41-1-1940-002</u>	COMPUTER/SOFTWARE	8,606.51	
<u>41-1-1940-003</u>	RIGHT TO USE- BLDG	437,340.00	
<u>41-1-1942-000</u>	ACCUM DEPR - MACH & EQUIP	-25,553.06	
<u>41-1-1942-001</u>	ACCUM AMORT-BLDG	-251,471.00	
<u>41-1-1950-001</u>	ROADS - BSIF	3,010,636.97	
<u>41-1-1952-000</u>	ACCUM DEPR - INFRASTRUCTURE	-304,063.71	
<u>41-1-1960-000</u>	CONSTRUCTION IN PROGRESS	254,192,172.08	
	<b>Total Assets:</b>	<b>276,261,187.10</b>	<b><u>276,261,187.10</u></b>
<b>Liability</b>			
<u>41-2-1212-001</u>	A/P CITY OF PHARR	144,510.31	
<u>41-2-1212-010</u>	LEASE PAYABLE	208,697.00	
<u>41-2-1213-007</u>	CURRENT-UNAMORTIZED-PREM 2022 A	356,125.78	
<u>41-2-1213-008</u>	CURRENT-UNAMORTIZED-PREM 2022 B	132,308.88	
<u>41-2-1213-010</u>	CURRENT- UNAMORTIZED- PREM 2020A	45,255.92	
<u>41-2-1213-012</u>	BONDS PAYABLE CURRENT- 2020B	2,325,000.00	
<u>41-2-1213-100</u>	UNEARNED REV.-OVERWEIGHT	62,151.56	
<u>41-2-1214-004</u>	UNAMORTIZED PREM- 2020A	1,165,339.94	
<u>41-2-1214-005</u>	LT UNAMORTIZED PREM 2022 A	11,366,347.66	
<u>41-2-1214-006</u>	LT UNAMORTIZED PREM 2022 B	4,222,858.10	
<u>41-2-1214-011</u>	LONG TERM BONDS- 2020A	9,870,000.00	
<u>41-2-1214-012</u>	LONG TERM BONDS- 2020B	53,260,000.00	
<u>41-2-1214-013</u>	LT BOND PAY 2022 A	157,343,752.50	
<u>41-2-1214-014</u>	LT BOND PAY 2022 B	66,398,144.30	
	<b>Total Liability:</b>	<b>306,900,491.95</b>	
<b>Equity</b>			
<u>41-3-3400-000</u>	FUND BALANCE	-32,977,689.46	
	<b>Total Beginning Equity:</b>	<b>-32,977,689.46</b>	
Total Revenue		8,546,548.80	
Total Expense		6,208,164.19	
<b>Revenues Over/Under Expenses</b>		<b>2,338,384.61</b>	
	<b>Total Equity and Current Surplus (Deficit):</b>	<b>-30,639,304.85</b>	
	<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>	<b>276,261,187.10</b>	<b><u>276,261,187.10</u></b>



Pharr, TX

# Income Statement Account Summary

For Fiscal: 2024 Period Ending: 10/31/2024

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 41 - HCRMA-GENERAL</b>						
<b>Revenue</b>						
<a href="#">41-4-1504-000</a>	VEHICLE REGISTRATION FEES	7,500,000.00	7,500,000.00	581,500.00	6,144,360.00	1,355,640.00
<a href="#">41-4-1505-005</a>	PROMILES-OW/OS PERMIT FEES	1,300,000.00	1,300,000.00	163,652.05	1,704,272.05	-404,272.05
<a href="#">41-4-1506-000</a>	INTEREST REVENUE	200,000.00	200,000.00	69,251.38	692,198.27	-492,198.27
<a href="#">41-4-1999-006</a>	TRANSFER IN DEBT SERVICE	0.00	0.00	215.03	5,707.84	-5,707.84
<a href="#">41-4-4664-000</a>	MISCELLANEOUS	0.00	0.00	0.00	10.64	-10.64
	<b>Revenue Total:</b>	<b>9,000,000.00</b>	<b>9,000,000.00</b>	<b>814,618.46</b>	<b>8,546,548.80</b>	<b>453,451.20</b>
<b>Expense</b>						
<a href="#">41-52900-1100-000</a>	SALARIES	770,700.00	770,700.00	52,954.27	447,737.72	322,962.28
<a href="#">41-52900-1104-000</a>	OVERTIME	500.00	500.00	134.13	1,473.59	-973.59
<a href="#">41-52900-1105-000</a>	FICA	61,945.00	61,945.00	2,269.87	32,286.97	29,658.03
<a href="#">41-52900-1106-000</a>	HEALTH INSURANCE	50,465.00	50,465.00	2,474.52	24,740.52	25,724.48
<a href="#">41-52900-1106-001</a>	HEALTH INSURANCE- OTHER	1,500.00	1,500.00	55.00	440.00	1,060.00
<a href="#">41-52900-1115-000</a>	EMPLOYEES RETIREMENT	96,763.00	96,763.00	6,654.78	53,409.03	43,353.97
<a href="#">41-52900-1115-001</a>	RETIREMENT- USCT	90,000.00	90,000.00	0.00	0.00	90,000.00
<a href="#">41-52900-1116-000</a>	PHONE ALLOWANCE	7,500.00	7,500.00	392.30	3,993.06	3,506.94
<a href="#">41-52900-1117-000</a>	CAR ALLOWANCE	26,400.00	26,400.00	1,292.30	13,153.80	13,246.20
<a href="#">41-52900-1122-000</a>	EAP- ASSISTANCE PROGRAM	122.00	122.00	0.00	0.00	122.00
<a href="#">41-52900-1178-000</a>	ADMIN FEE	13,650.00	13,650.00	750.00	7,875.00	5,775.00
<a href="#">41-52900-1179-000</a>	CONTINGENCY	38,538.00	38,538.00	0.00	0.00	38,538.00
<a href="#">41-52900-1200-000</a>	OFFICE SUPPLIES	12,000.00	12,000.00	349.18	3,101.79	8,898.21
<a href="#">41-52900-1603-000</a>	BUILDING REMODEL	20,000.00	20,000.00	-964.30	0.00	20,000.00
<a href="#">41-52900-1604-000</a>	MAINTENANCE & REPAIR	10,000.00	10,000.00	983.82	2,680.58	7,319.42
<a href="#">41-52900-1605-000</a>	JANITORIAL	1,000.00	1,000.00	0.00	0.00	1,000.00
<a href="#">41-52900-1606-000</a>	UTILITIES	2,800.00	2,800.00	137.26	2,122.86	677.14
<a href="#">41-52900-1607-000</a>	CONTRACTUAL ADM/IT SERVICES	12,000.00	12,000.00	959.99	11,001.12	998.88
<a href="#">41-52900-1607-001</a>	CONTRACTUAL SERVICES	0.00	0.00	0.00	3,936.00	-3,936.00
<a href="#">41-52900-1610-000</a>	DUES & SUBSCRIPTIONS	18,000.00	18,000.00	0.00	14,489.00	3,511.00
<a href="#">41-52900-1610-001</a>	SUBSCRIPTIONS-SOFTWARE	1,200.00	1,200.00	5.70	46.80	1,153.20
<a href="#">41-52900-1611-000</a>	POSTAGE/FEDEX/COURTIER	2,500.00	2,500.00	131.50	1,466.17	1,033.83
<a href="#">41-52900-1620-000</a>	GENERAL LIABILITY	5,000.00	5,000.00	0.00	3,727.20	1,272.80
<a href="#">41-52900-1621-000</a>	INSURANCE-E&O	2,000.00	2,000.00	0.00	1,661.02	338.98
<a href="#">41-52900-1622-000</a>	INSURANCE-SURETY	800.00	800.00	0.00	693.36	106.64
<a href="#">41-52900-1623-000</a>	INSURANCE-LETTER OF CREDIT	500.00	500.00	0.00	0.00	500.00
<a href="#">41-52900-1623-001</a>	INSURANCE-OTHER	4,000.00	4,000.00	-6,008.75	6,410.89	-2,410.89
<a href="#">41-52900-1623-002</a>	INSURANCE- CYBERSECURITY	10,000.00	10,000.00	0.00	8,093.08	1,906.92
<a href="#">41-52900-1630-000</a>	BUSINESS MEALS	2,000.00	2,000.00	2,500.00	2,931.15	-931.15
<a href="#">41-52900-1640-000</a>	ADVERTISING	2,000.00	2,000.00	0.00	1,727.33	272.67
<a href="#">41-52900-1650-000</a>	TRAINING	8,000.00	8,000.00	0.00	3,048.00	4,952.00
<a href="#">41-52900-1660-000</a>	TRAVEL	8,000.00	8,000.00	0.00	830.71	7,169.29
<a href="#">41-52900-1662-000</a>	PRINTING & PUBLICATIONS	10,000.00	10,000.00	0.00	383.05	9,616.95
<a href="#">41-52900-1703-000</a>	BANK SERVICE CHARGES	100.00	100.00	0.00	0.00	100.00
<a href="#">41-52900-1705-000</a>	ACCOUNTING FEES	40,000.00	40,000.00	205.00	32,845.00	7,155.00
<a href="#">41-52900-1710-000</a>	LEGAL FEES	50,000.00	50,000.00	8,312.50	24,805.95	25,194.05
<a href="#">41-52900-1710-001</a>	LEGAL FEES-GOV.AFFAIRS	120,000.00	120,000.00	10,000.00	90,000.00	30,000.00
<a href="#">41-52900-1712-000</a>	FINANCIAL CONSULTING FEES	55,000.00	55,000.00	0.00	19,217.95	35,782.05
<a href="#">41-52900-1712-001</a>	INSURANCE CONSULTANT	10,000.00	10,000.00	7,000.00	7,000.00	3,000.00
<a href="#">41-52900-1715-000</a>	RENT-OFFICE	54,000.00	54,000.00	4,480.00	44,800.00	9,200.00
<a href="#">41-52900-1715-001</a>	RENT-OFFICE EQUIPMENT	8,500.00	8,500.00	591.60	7,047.30	1,452.70
<a href="#">41-52900-1715-002</a>	RENT-OTHER	3,000.00	3,000.00	258.00	1,976.00	1,024.00
<a href="#">41-52900-1716-000</a>	CONTRACTUAL WEBSITE SERVICES	2,400.00	2,400.00	200.00	1,800.00	600.00
<a href="#">41-52900-1731-000</a>	MISCELLANEOUS	500.00	500.00	0.00	3,500.00	-3,000.00

Income Statement

For Fiscal: 2024 Period Ending: 10/31/2024

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<a href="#">41-52900-1732-000</a>	PENALTIES & INTEREST	100.00	100.00	0.00	0.00	100.00
<a href="#">41-52900-1850-000</a>	CAPITAL OUTLAY	10,000.00	10,000.00	0.00	0.00	10,000.00
<a href="#">41-52900-1850-001</a>	LAND ACQUISITION	1,085,000.00	1,085,000.00	0.00	0.00	1,085,000.00
<a href="#">41-52900-1899-000</a>	NON-CAPITAL	10,000.00	10,000.00	0.00	0.00	10,000.00
<a href="#">41-52900-1999-003</a>	TRANSFER OUT TO DEBT	0.00	0.00	0.00	24,800.00	-24,800.00
<a href="#">41-52900-1999-006</a>	TRANS OUT- 2020 DEBT SVC	3,973,317.00	3,973,317.00	331,109.78	3,311,097.80	662,219.20
<a href="#">41-52900-1999-011</a>	TRANSFER OUT 2022 DEBT	0.00	0.00	0.00	1,050,007.94	-1,050,007.94
<a href="#">41-53000-1100-000</a>	SALARIES	727,860.00	727,860.00	35,904.44	466,017.70	261,842.30
<a href="#">41-53000-1104-000</a>	OVERTIME	50,000.00	50,000.00	12,184.79	74,492.46	-24,492.46
<a href="#">41-53000-1105-000</a>	FICA	62,290.00	62,290.00	3,667.19	41,323.43	20,966.57
<a href="#">41-53000-1106-000</a>	HEALTH INSURANCE	74,234.00	74,234.00	3,093.15	42,057.48	32,176.52
<a href="#">41-53000-1115-000</a>	EMPLOYEES RETIREMENT	97,303.00	97,303.00	6,314.86	70,985.37	26,317.63
<a href="#">41-53000-1116-000</a>	PHONE ALLOWANCE	12,000.00	12,000.00	461.50	5,837.99	6,162.01
<a href="#">41-53000-1117-000</a>	CAR ALLOWANCE	7,200.00	7,200.00	553.84	5,637.32	1,562.68
<a href="#">41-53000-1122-000</a>	EAP- ASSISTANCE PROGRAM	174.00	174.00	0.00	0.00	174.00
<a href="#">41-53000-1178-000</a>	ADMN FEE	19,500.00	19,500.00	900.00	12,375.00	7,125.00
<a href="#">41-53000-1179-000</a>	CONTINGENCY	36,393.00	36,393.00	0.00	0.00	36,393.00
<a href="#">41-53000-1200-000</a>	OFFICE SUPPLIES	5,000.00	5,000.00	79.78	2,056.41	2,943.59
<a href="#">41-53000-1201-000</a>	SMALL TOOLS	10,000.00	10,000.00	102.35	1,805.22	8,194.78
<a href="#">41-53000-1604-000</a>	MAINTENANCE & REPAIRS	0.00	0.00	0.00	20.00	-20.00
<a href="#">41-53000-1605-000</a>	JANITORIAL	300.00	300.00	0.00	0.00	300.00
<a href="#">41-53000-1606-001</a>	UTILITIES	750.00	750.00	58.10	522.90	227.10
<a href="#">41-53000-1608-000</a>	UNIFORMS	6,000.00	6,000.00	130.00	842.08	5,157.92
<a href="#">41-53000-1610-000</a>	DUES & SUBSCRIPTIONS	2,000.00	2,000.00	1,440.00	1,878.99	121.01
<a href="#">41-53000-1610-001</a>	SUBSCRIPTIONS - SOFTWARE	25,000.00	25,000.00	0.00	21,325.00	3,675.00
<a href="#">41-53000-1611-000</a>	POSTAGE/FEDEX/COURTIER	250.00	250.00	0.00	0.00	250.00
<a href="#">41-53000-1640-000</a>	ADVERTISING	4,000.00	4,000.00	1,089.10	33,919.45	-29,919.45
<a href="#">41-53000-1650-000</a>	TRAINING	10,000.00	10,000.00	0.00	200.00	9,800.00
<a href="#">41-53000-1660-000</a>	TRAVEL	20,000.00	20,000.00	0.00	1,618.33	18,381.67
<a href="#">41-53000-1662-000</a>	PRINTING & PUBLICATIONS	100.00	100.00	0.00	0.00	100.00
<a href="#">41-53000-1715-000</a>	RENT CONSTRUCTION OFFICE	0.00	0.00	-3,595.37	0.00	0.00
<a href="#">41-53000-1715-001</a>	RENTAL - OFFICE EQUIPMENT	3,500.00	3,500.00	219.46	2,194.60	1,305.40
<a href="#">41-53000-1715-002</a>	RENT-OTHER	2,800.00	2,800.00	0.00	0.00	2,800.00
<a href="#">41-53000-1715-010</a>	VEHICLE RENTAL	70,000.00	70,000.00	7,234.61	55,304.31	14,695.69
<a href="#">41-53000-1715-011</a>	VEHICLE INSURANCE	6,000.00	6,000.00	0.00	2,106.59	3,893.41
<a href="#">41-53000-1715-012</a>	VEHICLE MAINTENANCE	2,500.00	2,500.00	0.00	1,603.56	896.44
<a href="#">41-53000-1715-013</a>	VEHICLE FUEL	10,000.00	10,000.00	600.02	7,802.18	2,197.82
<a href="#">41-53000-1850-000</a>	CAPITAL OUTLAY	8,000.00	8,000.00	0.00	0.00	8,000.00
<a href="#">41-53000-1899-000</a>	NON-CAPITALIZED	3,000.00	3,000.00	0.00	0.00	3,000.00
<a href="#">41-54000-1100-000</a>	SALARIES	500,000.00	500,000.00	10,769.24	26,923.10	473,076.90
<a href="#">41-54000-1105-000</a>	FICA	38,300.00	38,300.00	856.34	2,140.85	36,159.15
<a href="#">41-54000-1106-000</a>	HEALTH INSURANCE	29,694.00	29,694.00	618.63	1,854.07	27,839.93
<a href="#">41-54000-1115-000</a>	EMPLOYEES RETIREMENT	37,600.00	37,600.00	1,468.02	3,670.05	33,929.95
<a href="#">41-54000-1116-000</a>	PHONE ALLOWANCE	4,800.00	4,800.00	92.30	230.75	4,569.25
<a href="#">41-54000-1117-000</a>	CAR ALLOWANCE	21,600.00	21,600.00	553.84	1,384.60	20,215.40
<a href="#">41-54000-1122-000</a>	EAP- ASSISTANCE PROGRAM	70.00	70.00	0.00	0.00	70.00
<a href="#">41-54000-1178-000</a>	ADMN FEE	7,800.00	7,800.00	150.00	375.00	7,425.00
<a href="#">41-54000-1179-000</a>	CONTINGENCY	21,600.00	21,600.00	0.00	0.00	21,600.00
<a href="#">41-54000-1200-000</a>	OFFICE SUPPLIES	2,500.00	2,500.00	205.80	455.80	2,044.20
<a href="#">41-54000-1610-000</a>	DUES & SUBSCRIPTIONS	3,000.00	3,000.00	-595.00	0.00	3,000.00
<a href="#">41-54000-1610-001</a>	SUBSCRIPTIONS-SOFTWARE	75,000.00	75,000.00	595.00	43,817.24	31,182.76
<a href="#">41-54000-1611-000</a>	POSTAGE/FEDEX/COURTIER	100.00	100.00	0.00	0.00	100.00
<a href="#">41-54000-1640-000</a>	ADVERTISING	3,500.00	3,500.00	-99.00	0.99	3,499.01
<a href="#">41-54000-1650-000</a>	TRAINING	5,000.00	5,000.00	0.00	594.49	4,405.51
<a href="#">41-54000-1660-000</a>	TRAVEL	8,000.00	8,000.00	0.00	0.00	8,000.00
<a href="#">41-54000-1899-000</a>	NON-CAPITALIZED	10,000.00	10,000.00	0.00	0.00	10,000.00
<a href="#">41-58000-1604-001</a>	MAINTENANCE AND REPAIR -BSIF	3,000.00	3,000.00	465.00	1,860.00	1,140.00



Pharr, TX

# Bank Statement Register

## GENERAL OPERATING

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04765

*11/19/24*

### Bank Statement

### General Ledger

Beginning Balance	102,303.63	Account Balance	110,613.99
Plus Debits	383,943.66	Less Outstanding Debits	0.00
Less Credits	371,841.77	Plus Outstanding Credits	3,791.53
Adjustments	0.00	Adjustments	0.00
Ending Balance	114,405.52	Adjusted Account Balance	114,405.52

Statement Ending Balance	114,405.52
Bank Difference	0.00
General Ledger Difference	0.00

### CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1100-000 GENERAL OPERATING

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DEP0093215</a>	Deposit	TO RECORD WIRE TRANSFER FIRE FUND 4	20.92
10/31/2024	<a href="#">DEP0093216</a>	Deposit	TO RECORD WIRE TRANSFER FIRE FUND 4	194.11
10/31/2024	<a href="#">DEP0093264</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	32,076.00
10/31/2024	<a href="#">DEP0093265</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	2,382.90
10/31/2024	<a href="#">DEP0093266</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	27,378.00
10/31/2024	<a href="#">DEP0093267</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	2,610.85
10/31/2024	<a href="#">DEP0093268</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	29,997.00
10/31/2024	<a href="#">DEP0093269</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	2,693.10
10/31/2024	<a href="#">DEP0093270</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	30,942.00
10/31/2024	<a href="#">DEP0093271</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	2,848.20
10/31/2024	<a href="#">DEP0093272</a>	Deposit	TO RECORD REV FUND 41 HCRMA OCT 202	32,724.00
10/31/2024	<a href="#">DEP0093273</a>	Deposit	TO RECLASS AMOUNT FOR INCORRECT AC	218,000.22
Total Cleared Deposits (12)				381,867.30

### Cleared Checks

Item Date	Reference	Item Type	Description	Amount
08/15/2024	<a href="#">2841</a>	Check	SOUTHERN COMPUTER WAREHOUSE	-2,076.36
09/26/2024	<a href="#">2847</a>	Check	A FAST DELIVERY	-140.00
09/26/2024	<a href="#">2848</a>	Check	ADVANCE PUBLISHING LLC	-189.00
09/26/2024	<a href="#">2850</a>	Check	HUB INTERNATIONAL TEXAS, INC.	-7,000.00
09/26/2024	<a href="#">2851</a>	Check	OFFICE DEPOT	-234.95
09/26/2024	<a href="#">2852</a>	Check	XEROX CORPORATION	-1,222.34
10/24/2024	<a href="#">2853</a>	Check	A FAST DELIVERY	-131.50
10/24/2024	<a href="#">2855</a>	Check	AIM MEDIA TEXAS BUSINESS OFFICE	-769.60

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
10/24/2024	<u>2856</u>	Check	GATEWAY PRINTING & OFFICE SUPPLY INC	-91.41
10/24/2024	<u>2859</u>	Check	RIO GRANDE VALLEY COMMUNICATIONS G	-1,440.00
10/24/2024	<u>2860</u>	Check	XEROX CORPORATION	-811.06
Total Cleared Checks (11)				-14,106.22

Cleared Other

Item Date	Reference	Item Type	Description	Amount
08/15/2024	<u>2841</u>	Check Reversal	SOUTHERN COMPUTER WAREHOUSE Rever	2,076.36
10/01/2024	<u>DFT0012455</u>	Bank Draft	PHARR ECONOMIC DEVELOPMENT CORPOR	-4,480.00
10/08/2024	<u>DFT0012450</u>	Bank Draft	CITY OF PHARR	-959.99
10/08/2024	<u>DFT0012456</u>	Bank Draft	BRACEWELL LLP ATTORNEYS AT LAW	-8,312.50
10/09/2024	<u>DFT0012451</u>	Bank Draft	CITY OF PHARR	-121,430.21
10/09/2024	<u>DFT0012452</u>	Bank Draft	CITY OF PHARR	-205.00
10/09/2024	<u>DFT0012453</u>	Bank Draft	CITY OF PHARR	-6,150.00
10/14/2024	<u>DFT0012454</u>	Bank Draft	CITY OF PHARR	-3,639.24
10/31/2024	<u>DFT0012457</u>	Bank Draft	PATHFINDER PUBLIC AFFAIRS	-10,000.00
10/31/2024	<u>DFT0012458</u>	Bank Draft	PENA DESIGNS	-200.00
10/31/2024	<u>DFT0012459</u>	Bank Draft	ALEJANDRO ALANIS	-130.00
10/31/2024	<u>DFT0012460</u>	Bank Draft	SAN MIGUEL LAWN CARE SERVICES	-465.00
10/31/2024	<u>EFT0005494</u>	EFT	CREDIT CARD SERVICES HCRMA FUND 41	-55.00
10/31/2024	<u>EFT0005495</u>	EFT	CREDIT CARD SERVICES HCRMA FUND 41	-626.74
10/31/2024	<u>EFT0005496</u>	EFT	CREDIT CARD SERVICES HCRMA FUND 41	-481.85
10/31/2024	<u>EFT0005500</u>	EFT	TO RECORD WIRE TRANSFER FUND 41	-200,000.00
10/31/2024	<u>EFT0005516</u>	EFT	TO RECORD FOR FLEET FUEL EXPENSE FUN	-600.02
Total Cleared Other (17)				-355,659.19

Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
10/24/2024	<u>2854</u>	Check	ADVANCE PUBLISHING LLC	-220.50
10/24/2024	<u>2857</u>	Check	HUB INTERNATIONAL TEXAS, INC.	-991.25
10/24/2024	<u>2858</u>	Check	OFFICE DEPOT	-79.78
10/31/2024	<u>2861</u>	Check	RIO GRANDE COUNCIL, INC., BOY SCOUTS	-2,500.00
Total Outstanding Checks (4)				-3,791.53



Pharr, TX

# Bank Statement Register

## POOL INVESTMENTS

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04766

*11/19/24*

Bank Statement		General Ledger	
Beginning Balance	8,743,574.65	Account Balance	8,981,016.14
Plus Debits	237,441.49	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	8,981,016.14	Adjusted Account Balance	8,981,016.14

Statement Ending Balance	8,981,016.14
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1102-000 POOL INVESTMENTS

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DEP0093193</a>	Deposit	TO RECORD INTEREST 41 HCRMA OCT 202	37,441.49
10/31/2024	<a href="#">DEP0093214</a>	Deposit	TO RECORD WIRE TRANSFER FUND 41	200,000.00
			Total Cleared Deposits (2)	237,441.49



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# Bank Statement Register

RMA LOGIC ROAD MAINT

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04767

Bank Statement		General Ledger	
Beginning Balance	1,115,856.31	Account Balance	1,120,585.92
Plus Debits	4,729.61	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	1,120,585.92	Adjusted Account Balance	1,120,585.92
Statement Ending Balance		1,120,585.92	
Bank Difference		0.00	
General Ledger Difference		0.00	

*11/15/24*

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1102-001 INVESTMENT-ROAD MAINT,

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093194</u>	Deposit	TO RECORD INTEREST 41 HCRMA OCT 202	4,729.61
Total Cleared Deposits (1)				4,729.61



Pharr, TX

# Bank Statement Register

INVESTMENT-GENERAL

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04768

## Bank Statement

## General Ledger

*@ 11/19/24*

Beginning Balance	6,389,091.27
Plus Debits	27,080.28
Less Credits	0.00
Adjustments	0.00
Ending Balance	6,416,171.55

Account Balance	6,416,171.55
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	6,416,171.55

Statement Ending Balance	6,416,171.55
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1102-002 INVESTMENT-GENERAL

## Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093082</u>	Deposit	TO RECORD INTEREST FUND 41	27,080.28
Total Cleared Deposits (1)				27,080.28



Pharr, TX

# Balance Sheet

## Account Summary

As Of 10/31/2024

Account	Name	Balance
<b>Fund: 42 - HCRMA-DEBT SERVICE</b>		
<b>Assets</b>		
<u>42-1-1102-002</u>	INVESTMENTS D/S 2022 A SERIES	2,348,971.59
<u>42-1-1102-003</u>	INVESTMENTS D/S2022 B SERIES	546.66
<u>42-1-1102-004</u>	INVESTMENT SR 2022A	1,746.23
<u>42-1-1102-010</u>	INVESTMENTS RESERVE D/S 2022 A SERIE	13,580,839.63
<u>42-1-1102-011</u>	INVESTMENTS RESERVE D/S 2022 B SERIE	6,125,037.08
<u>42-1-1102-012</u>	INVESTMENT JR LIEN REV BDS 2022B	1,061,846.89
<u>42-1-4105-002</u>	DEBT SERVICE- 2020 SERIES	2,877,455.34
	<b>Total Assets:</b>	<u><u>25,996,443.42</u></u>
		<u><u>25,996,443.42</u></u>
<b>Liability</b>		
	<b>Total Liability:</b>	<u>0.00</u>
<b>Equity</b>		
<u>42-3-4400-000</u>	FUND BALANCE	23,256,075.42
	<b>Total Beginning Equity:</b>	<u>23,256,075.42</u>
Total Revenue		5,447,844.26
Total Expense		2,707,476.26
<b>Revenues Over/Under Expenses</b>		<u>2,740,368.00</u>
	<b>Total Equity and Current Surplus (Deficit):</b>	25,996,443.42
	<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>	<u><u>25,996,443.42</u></u>



Pharr, TX

# Income Statement Account Summary

For Fiscal: 2024 Period Ending: 10/31/2024

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 42 - HCRMA-DEBT SERVICE</b>						
<b>Revenue</b>						
<u>42-4-1506-000</u>	INTEREST INCOME	0.00	0.00	0.00	60,850.97	-60,850.97
<u>42-4-1506-001</u>	INTEREST INCOME-JR LIEN	0.00	0.00	3.92	8.27	-8.27
<u>42-4-1506-002</u>	INTEREST 2020 SERIES	0.00	0.00	8,900.18	53,484.16	-53,484.16
<u>42-4-1506-003</u>	INTEREST 2022 A SERIES	0.00	0.00	8,619.63	132,366.69	-132,366.69
<u>42-4-1506-004</u>	INTEREST 2022 B SERIES	0.00	0.00	3,879.43	12,593.98	-12,593.98
<u>42-4-1506-010</u>	INTEREST RESERVE 2022 A SERIES	0.00	0.00	57,319.52	534,271.01	-534,271.01
<u>42-4-1506-011</u>	INTEREST RESERVE 2022 B SERIES	0.00	0.00	25,851.35	268,363.44	-268,363.44
<u>42-4-1999-000</u>	TRANSFERS IN-FROM GENERAL FUND	0.00	0.00	331,109.78	4,385,905.74	-4,385,905.74
	<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>435,683.81</b>	<b>5,447,844.26</b>	<b>-5,447,844.26</b>
<b>Expense</b>						
<u>42-52900-4703-005</u>	INTEREST EXPENSE- 2020 SERIES	0.00	0.00	0.00	686,798.70	-686,798.70
<u>42-52900-4703-006</u>	INTEREST EXPESNE- 2022 A BOND	0.00	0.00	0.00	1,373,292.00	-1,373,292.00
<u>42-52900-4703-007</u>	INTEREST EXPENSE- 2022 B BONDS	0.00	0.00	0.00	615,979.00	-615,979.00
<u>42-52900-4727-000</u>	FEES	0.00	0.00	0.00	25,698.72	-25,698.72
<u>42-52900-8899-002</u>	TRANSFER OUT GEN FUND	0.00	0.00	215.03	5,707.84	-5,707.84
	<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>215.03</b>	<b>2,707,476.26</b>	<b>-2,707,476.26</b>
	<b>Fund: 42 - HCRMA-DEBT SERVICE Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>435,468.78</b>	<b>2,740,368.00</b>	
	<b>Total Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>435,468.78</b>	<b>2,740,368.00</b>	



Pharr, TX

# Bank Statement Register

INVESTMENT D/S 2022A SERIES

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04774

## Bank Statement

## General Ledger

*01/19/24*

Beginning Balance	2,340,394.01
Plus Debits	8,577.58
Less Credits	0.00
Adjustments	0.00
Ending Balance	2,348,971.59

Account Balance	2,348,971.59
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	2,348,971.59

Statement Ending Balance	2,348,971.59
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-002 INVESTMENTS D/S 2022 A SERIES

## Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093197</u>	Deposit	TO RECORD OCT INTEREST	8,577.58
Total Cleared Deposits (1)				8,577.58



Pharr, TX

# Bank Statement Register

## INVESTMENT D/S 2022B SERIES

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04775

### Bank Statement

### General Ledger

*01/19/24*

Beginning Balance	544.70
Plus Debits	1.96
Less Credits	0.00
Adjustments	0.00
Ending Balance	546.66

Account Balance	546.66
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	546.66

Statement Ending Balance	546.66
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-003 INVESTMENTS D/S2022 B SERIES

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093198</u>	Deposit	TO RECORD OCT INTEREST	1.96
Total Cleared Deposits (1)				1.96



Pharr, TX

# Bank Statement Register

INVESTMENT SR 2022A

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04776

## Bank Statement

## General Ledger

*11/19/24*

Beginning Balance	1,704.18
Plus Debits	42.05
Less Credits	0.00
Adjustments	0.00
Ending Balance	1,746.23

Account Balance	1,746.23
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	1,746.23

Statement Ending Balance	1,746.23
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-004 INVESTMENT SR 2022A

## Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093201</u>	Deposit	TO RECORD INTEREST OCT	42.05
Total Cleared Deposits (1)				42.05



Pharr, TX

# Bank Statement Register

## INVESTMENT RESERVE D/S 2022A SERIES

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04777

*01/19/24*

### Bank Statement

### General Ledger

Beginning Balance	13,523,520.11
Plus Debits	57,319.52
Less Credits	0.00
Adjustments	0.00
Ending Balance	13,580,839.63

Account Balance	13,580,839.63
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	13,580,839.63

Statement Ending Balance	13,580,839.63
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-010 INVESTMENTS RESERVE D/S 2022 A SERIES

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DEP0093202</a>	Deposit	TO RECORD INTEREST	57,319.52
Total Cleared Deposits (1)				57,319.52



Pharr, TX

# Bank Statement Register

## INVESTMENT RESERVE D/S 2022B SERIES

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04778

Bank Statement		General Ledger	
Beginning Balance	6,099,185.73	Account Balance	6,125,037.08
Plus Debits	25,851.35	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	6,125,037.08	Adjusted Account Balance	6,125,037.08
Statement Ending Balance		6,125,037.08	
Bank Difference		0.00	
General Ledger Difference		0.00	

*01/19/24*

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-011 INVESTMENTS RESERVE D/S 2022 B SERIES

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DEP0093203</a>	Deposit	TO RECORD OCT INTEREST	25,851.35
			Total Cleared Deposits (1)	25,851.35



Pharr, TX

# Bank Statement Register

## INVESTMENT JR LIEN REV BDS 2022B

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04779

*11/19/24*

### Bank Statement

### General Ledger

Beginning Balance	1,057,969.42
Plus Debits	3,877.47
Less Credits	0.00
Adjustments	0.00
Ending Balance	1,061,846.89

Account Balance	1,061,846.89
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	1,061,846.89

Statement Ending Balance	1,061,846.89
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-1102-012 INVESTMENT JR LIEN REV BDS 2022B

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093204</u>	Deposit	TO RECORD OCT INTEREST	3,877.47
Total Cleared Deposits (1)				3,877.47



Pharr, TX

# Bank Statement Register

## INVESTMENTS D/S 2020 SERIES -

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04784

*01/19/24*

### Bank Statement

Beginning Balance	2,537,445.38
Plus Debits	340,009.96
Less Credits	0.00
Adjustments	0.00
Ending Balance	2,877,455.34

### General Ledger

Account Balance	2,877,455.34
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	2,877,455.34

Statement Ending Balance	2,877,455.34
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-002 DEBT SERVICE- 2020 SERIES

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093206</u>	Deposit	TO RECORD INT / TRANSF IN	340,009.96
Total Cleared Deposits (1)				340,009.96



Pharr, TX

# Bank Statement Register

WILMINGTON-DEBT SERVICE

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04773

*011/19/24*

Bank Statement

General Ledger

Beginning Balance	20.92	Account Balance	0.00
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	20.92	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	0.00	Adjusted Account Balance	0.00

Statement Ending Balance	0.00
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-000 WILMINGTON-DEBT SERVICE

Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">EFT0005498</a>	EFT	TO RECORD TRANSFER OUT REMAINING B.	-20.92
Total Cleared Other (1)				-20.92



Pharr, TX

# Bank Statement Register

DEBT SVC - JR LIEN

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04783

## Bank Statement

## General Ledger

*01/19/24*

Beginning Balance	190.19
Plus Debits	3.92
Less Credits	194.11
Adjustments	0.00
Ending Balance	0.00

Account Balance	0.00
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	0.00

Statement Ending Balance	0.00
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-001 DEBT SVC - JR LIEN

## Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEP0093205</u>	Deposit	TO RECORD TOTAL INT EARINGS	3.92
Total Cleared Deposits (1)				3.92

## Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>EFT0005499</u>	EFT	TO CLOSE OUT OLD SIB ACCOUNT	-194.11
Total Cleared Other (1)				-194.11



Pharr, TX

# Balance Sheet

## Account Summary

As Of 10/31/2024

Account	Name	Balance	
<b>Fund: 44 - HCRMA-365 CONSTRUCTION</b>			
<b>Assets</b>			
<u>44-1-1102-000</u>	POOL INVESTMENTS	13,745.50	
<u>44-1-1102-001</u>	INVESTMENTS - 2022 A SERIES	23,208,125.12	
<u>44-1-1102-002</u>	INVESTMENTS - 2022 B SERIES	2.39	
	<b>Total Assets:</b>	<b>23,221,873.01</b>	<b><u>23,221,873.01</u></b>
<b>Liability</b>			
<u>44-2-1212-000</u>	ACCOUNTS PAYABLE	21,635.27	
<u>44-2-1212-009</u>	RETAINAGE PAYABLE	172,375.16	
	<b>Total Liability:</b>	<b>194,010.43</b>	
<b>Equity</b>			
<u>44-3-1400-000</u>	FUND BALANCE	61,035,692.50	
	<b>Total Beginning Equity:</b>	<b>61,035,692.50</b>	
	Total Revenue	1,963,444.07	
	Total Expense	39,971,273.99	
	<b>Revenues Over/Under Expenses</b>	<b>-38,007,829.92</b>	
	<b>Total Equity and Current Surplus (Deficit):</b>	<b>23,027,862.58</b>	
	<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>		<b><u>23,221,873.01</u></b>



Pharr, TX

# Income Statement

## Account Summary

For Fiscal: 2024 Period Ending: 10/31/2024

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 44 - HCRMA-365 CONSTRUCTION</b>						
<b>Revenue</b>						
<u>44-4-1506-000</u>	INTEREST REVENUE	0.00	0.00	122,257.47	1,963,444.07	-1,963,444.07
	<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>122,257.47</b>	<b>1,963,444.07</b>	<b>-1,963,444.07</b>
<b>Expense</b>						
<u>44-52900-8800-000</u>	CONSULTING AND ENGINEERING	0.00	0.00	706,097.76	2,748,010.54	-2,748,010.54
<u>44-52900-8810-000</u>	SH 365-ENVIROMENTAL	0.00	0.00	0.00	168,672.50	-168,672.50
<u>44-52900-8810-003</u>	SH365-ROW	0.00	0.00	0.00	30,181.50	-30,181.50
<u>44-52900-8841-000</u>	PROFESSIONAL SERVICES	0.00	0.00	10,243.00	173,944.59	-173,944.59
<u>44-52900-8844-000</u>	365 PROJECT CONSTRUCTION A-FEDERAL	0.00	0.00	-1,460,628.02	25,342,930.65	-25,342,930.65
<u>44-52900-8844-001</u>	365 PROJECT CONSTRUCTION A-LOCAL	0.00	0.00	4,630,478.20	10,592,237.92	-10,592,237.92
<u>44-52900-8860-000</u>	365 TOLLWAY SYSTEM	0.00	0.00	132,396.50	915,296.29	-915,296.29
	<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>4,018,587.44</b>	<b>39,971,273.99</b>	<b>-39,971,273.99</b>
	<b>Fund: 44 - HCRMA-365 CONSTRUCTION Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>-3,896,329.97</b>	<b>-38,007,829.92</b>	
	<b>Total Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>-3,896,329.97</b>	<b>-38,007,829.92</b>	



Pharr, TX

# Bank Statement Register

## INVESTMENTS - 2022 A SERIES

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04785

### Bank Statement

### General Ledger

Beginning Balance	27,096,565.32	Account Balance	23,208,125.12
Plus Debits	590,489.44	Less Outstanding Debits	0.00
Less Credits	4,478,929.64	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	23,208,125.12	Adjusted Account Balance	23,208,125.12

*01/19/24*

Statement Ending Balance	23,208,125.12
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

44-1-1102-001 INVESTMENTS - 2022 A SERIES

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/15/2024	<a href="#">DEP0091209</a>	Deposit	TO RECORD COMB INT REV HCRMA SEPT 2	345,974.55
10/31/2024	<a href="#">DEP0093210</a>	Deposit	TO RECORD OCT FUND 44	122,257.42
10/31/2024	<a href="#">DEP0093242</a>	Deposit	TO RECORD INTEREST OCT FUND 44	122,257.47
Total Cleared Deposits (3)				590,489.44

### Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/15/2024	<a href="#">DEPR0001509</a>	Deposit Reversal	TO RECORD COMB INT REV HCRMA SEPT 2	-345,974.55
10/31/2024	<a href="#">EFT0005501</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-69,735.60
10/31/2024	<a href="#">EFT0005502</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-203,539.75
10/31/2024	<a href="#">EFT0005503</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-1,800.00
10/31/2024	<a href="#">EFT0005504</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-39,225.63
10/31/2024	<a href="#">EFT0005505</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-285,252.72
10/31/2024	<a href="#">EFT0005506</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-12,558.79
10/31/2024	<a href="#">EFT0005507</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-7,742.50
10/31/2024	<a href="#">EFT0005508</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-4,890.50
10/31/2024	<a href="#">EFT0005509</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-549.00
10/31/2024	<a href="#">EFT0005510</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-1,951.50
10/31/2024	<a href="#">EFT0005511</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-8,855.00
10/31/2024	<a href="#">EFT0005512</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-14,446.40
10/31/2024	<a href="#">EFT0005513</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-137,264.54
10/31/2024	<a href="#">EFT0005514</a>	EFT	TO RECLASS EXPENSES ACH FROM 44 TO (	-53,035.56
10/31/2024	<a href="#">EFT0005515</a>	EFT	TO RECORD CASH DISB PULICE CONSTRUC	-3,169,850.18

Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<u>DEPR0001511</u>	Deposit Reversal	TO RECORD OCT FUND 44	-122,257.42
			Total Cleared Other (17)	-4,478,929.64



Pharr, TX

# Balance Sheet

## Account Summary

As Of 10/31/2024

Account	Name	Balance	
<b>Fund: 45 - HCRMA - CAP.PROJECTS FUND</b>			
<b>Assets</b>			
<u>45-1-1102-000</u>	Pool Investment	95,551,579.83	
<u>45-1-1267-000</u>	ADVANCE	2,513,637.48	
	<b>Total Assets:</b>	<u>98,065,217.31</u>	<u><b>98,065,217.31</b></u>
<b>Liability</b>			
	<b>Total Liability:</b>	<u>0.00</u>	
<b>Equity</b>			
<u>45-3-1400-000</u>	Fund Balance	75,581,482.41	
	<b>Total Beginning Equity:</b>	<u>75,581,482.41</u>	
Total Revenue		23,623,082.53	
Total Expense		<u>1,139,347.63</u>	
<b>Revenues Over/Under Expenses</b>		<u>22,483,734.90</u>	
	<b>Total Equity and Current Surplus (Deficit):</b>	<u>98,065,217.31</u>	
	<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>		<u><b>98,065,217.31</b></u>



Pharr, TX

# Income Statement Account Summary

For Fiscal: 2024 Period Ending: 10/31/2024

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 45 - HCRMA - CAP.PROJECTS FUND</b>						
<b>Revenue</b>						
<u>45-4-1506-000</u>	Interest Revenue	0.00	0.00	383,932.13	3,441,891.09	-3,441,891.09
<u>45-4-4700-000</u>	Federal Grant	0.00	0.00	3,591,480.88	20,181,191.44	-20,181,191.44
	<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>3,975,413.01</b>	<b>23,623,082.53</b>	<b>-23,623,082.53</b>
<b>Expense</b>						
<u>45-52900-8810-003</u>	365 RIGHT OF WAY	0.00	0.00	606.46	1,697.67	-1,697.67
<u>45-52900-8810-004</u>	365 UTILITIES RELOCATION	0.00	0.00	-50,000.00	1,131,624.96	-1,131,624.96
<u>45-52900-8820-003</u>	IBTC - ROW	0.00	0.00	1,450.00	4,950.00	-4,950.00
<u>45-52900-8820-004</u>	IBTC - Construction	0.00	0.00	0.00	850.00	-850.00
<u>45-52900-8841-000</u>	LEGAL FEES	0.00	0.00	0.00	225.00	-225.00
	<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>-47,943.54</b>	<b>1,139,347.63</b>	<b>-1,139,347.63</b>
	<b>Fund: 45 - HCRMA - CAP.PROJECTS FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>4,023,356.55</b>	<b>22,483,734.90</b>	
	<b>Total Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>4,023,356.55</b>	<b>22,483,734.90</b>	



Pharr, TX

# Bank Statement Register

Pool Investment

Period 10/1/2024 - 10/31/2024

Packet: BRPKT04786

*011/19/24*

## Bank Statement

## General Ledger

Beginning Balance	91,528,223.28
Plus Debits	4,025,413.01
Less Credits	2,056.46
Adjustments	0.00
Ending Balance	95,551,579.83

Account Balance	95,551,579.83
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	95,551,579.83

Statement Ending Balance	95,551,579.83
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

45-1-1102-000 Pool Investment

### Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DEP0093211</a>	Deposit	TO RECORD OCT INTEREST FUND 45	383,932.13
10/31/2024	<a href="#">DEP0093212</a>	Deposit	TO RECORD FED GRANT BILLING #28	3,591,480.88
10/31/2024	<a href="#">DEP0093213</a>	Deposit	TO RECORD EXP REIMB	50,000.00
Total Cleared Deposits (3)				4,025,413.01

### Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/31/2024	<a href="#">DFT0012473</a>	Bank Draft	DONNA IRRIGATION DISTRICT NO 1	-606.46
10/31/2024	<a href="#">DFT0012474</a>	Bank Draft	SAN MIGUEL LAWN CARE SERVICES	-600.00
10/31/2024	<a href="#">DFT0012475</a>	Bank Draft	SAN MIGUEL LAWN CARE SERVICES	-850.00
Total Cleared Other (3)				-2,056.46

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Item 2D

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  2D  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>  12/11/24  </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>  12/17/24  </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-50 – CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION 6 TO THE PROFESSIONAL SERVICES AGREEMENT WITH QUINTALLA, HEADLEY & ASSOCIATES TO PROVIDE SURVEYING SERVICES FOR THE 365 TOLLWAY PROJECT.**
  
2. Nature of Request: (Brief Overview) Attachments:   X   Yes    No  
  
Consideration and Approval of WA No. 6 to the PSA with Quintanilla, Headley & Associates to provide survey services for the 365 Tollway Project.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:    Yes    No   X   N/A
  
5. Staff Recommendation: **Motion to approve Resolution 2024-50 – Approval of Work Authorization Number 6 to the Professional Services Agreement with Quintanilla Headley and Associates on the 365 Tollway Project, as presented.**
  
6. Program Manager’s Recommendation:    Approved    Disapproved   X   None
  
7. Planning Committee’s Recommendation:    Approved    Disapproved   X   None
  
8. Board Attorney’s Recommendation:    Approved    Disapproved   X   None
  
9. Chief Auditor’s Recommendation:    Approved    Disapproved   X   None
  
10. Chief Financial Officer’s Recommendation:    Approved    Disapproved   X   None
  
11. Chief Development Engineer’s Recommendation:    Approved    Disapproved   X   None
  
12. Chief Construction Engineer’s Recommendation:   X   Approved    Disapproved    None
  
13. Executive Director’s Recommendation:   X   Approved    Disapproved    None



**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

## Memorandum

**To:** Pilar Rodriguez, P.E.  
HCRMA, Executive Director

**From:** Ramon Navarro, IV, P.E., C.F.M.  
Chief Construction Engineer

**Date:** December 11, 2024

**Subject:** Resolution 2024-50 Consideration and Approval of Utility Relocation Agreement with Enbridge for the 365 Tollway Project  
**Reimbursable Utility Adjustment U0031033**  
RCSJ:3627-01-001  
FROM: Sta. 1182+04.43  
DMO2013(420)  
Hidalgo County

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### GOAL

Approval of final reconciliation for reimbursement of 30" high pressure gas line adjustment to Enbridge [Spectra Energy / Texas Eastern] line .

### HISTORY

Planned construction on the above project required that utilities, "In Conflict", be relocated or adjusted due to existing elevation conflicts at Sta. 1182+04, perpendicular crossing of Federal Energy Regulatory Commission [F.E.R.C.] natural gas pipeline. The work consisted of the adjustment, removal, and/or relocation of 959' of existing 30" O.D. 0.375" WT X-52 pipe and the installation of approximately 959' of 30" O.D. 0.500" WT X-65 FBE pipe at the proper depth to provide required clearances for the safe construction of proposed HCRMA roadway facility; as shown in the Utility's plans, specifications and estimated costs. Facilities were reported to have been installed in accordance with the UAR (Utility Accommodation Rules) and all Federal requirements.

Enbridge submitted an original estimate of \$2,582,223 [08.16.21]. Upon review, it was determined that only 567'(59.12%) of 959' were eligible for compensation; remaining 392' of line were attributable to company betterment. Ratio was applied and proved for an overall total estimated reimbursable cost of \$982,275.00. This adjustment is eligible for Federal Aid cost participation per the provisions of 23 CFR 645 A&B. The utility has right of occupancy in its existing location because it holds an easement, or another real property interest, therefore the eligibility ratio is 100%. There is no declared salvage for this adjustment.

All work has been reviewed and approved by the HCRMA Construction Division. Final quantities and participation are based on the costs of actual work performed. All parties are in concurrence. Total reimbursement due is \$982,275.00

### RECOMMENDATION

Staff recommends approval of Utility Relocation Agreement U-0031-033 with Enbridge for the 365 Tollway Project and payment of \$982,275.00 to Enbridge for 59.12% participation. The project shall be submitted to record for official final acceptance and closeout.



Project: SH365

- CMT Services
- Environmental
- Engineering
- Geo-Technical
- Surveying **Quintanilla, Headley & Associates**

## WORK AUTHORIZATION SUMMARY

RESOLUTION 2024-50

Work Authorization # 6 Supplemental # \_\_\_\_\_

Amount \$ 1,760.00

Approved Resolutions

Resolution No.	Description	Amount
2011-41	WA 1 Surveying = \$415,438.75	
2011-42	WA 2 ROE for 50 parcels = \$25,000.00	
2012-40	WA 1 = WA1 & WA2 \$440,438.75	
2013-09	Revised WA1	\$ 422,496.25
2013-44	Work Authorization 2 - ROW Mapping	\$ 310,000.00
	<b>Subtotal from Cont. Page</b>	<b>\$ 320,608.75</b>
	Total Approved WA	<b>\$ 1,053,105.00</b>

Proposed Work Authorization and/or Supplemental

2024-50	Amend surveys for Parcels for 365 Toll	<b>\$ 1,760.00</b>
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**Goals & Options:**

Resolution 2024-50 – Consideration and Approval of Work Authorization Number 6 to provide surveying services to amend parcels for the Enbridge/Texas Eastern Pipeline agreement for 365 Toll.

**Staff is recommending approval of this request in the amount of \$ 1,760.00**  
**Proposed total approved WA and/or Supplementals \$ 1,054,865.00**

Ramon Navarro, Construction E  
Requested By:

Resolution No.	Description	Amount
2014-36	WA2 Sup1 - Row Mapping 48 parcels	\$ 148,800.00
2014-63	WA2 Sup2 - ROW Map Standards + Reduction	\$ 11,100.00
2014-102	WA1 Sup2 - Additional Topograhpy	\$ 14,772.50
2015-21	WA1 S3 - No Cost Time Extension	\$ 0.00
2015-22	WA2 S3 - No Cost Time Extension	\$ 0.00
2015-67	WA1 S4 - No Cost Time Extension	\$ 0.00
2015-68	WA2 S4 - No Cost Time Extension	\$ 0.00
2016-12	WA3 - Construction Staking	\$ 61,696.25
2019-31	WA4 - Control and Construction staking DCP	\$ 4,020.00
2024-36	WA5 - Control Staking - 365 Toll	\$ 80,220.00

Subtotal \$ 320,608.75

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2024-50

**CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION NUMBER 6 WITH QUINTANILLA, HEADLY, & ASSOCIATES TO PROVIDE SURVEYING SERVICES TO AMEND PARCELS FOR THE ENBRIDGE/TEXAS EASTERN AGREEMENT FOR THE 365 TOLL**

THIS RESOLUTION is adopted this 17<sup>th</sup> day of December, 2024 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act");

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on October 27, 2011, the Authority awarded by Resolution 2011-09 a professional service agreement to Quintanilla, Headley and Associates (the "Consultant") to perform surveying work for the SH 365 Project from SH 336 to FM 3072 in the maximum payable amount of \$415,438.75;

WHEREAS, on November 15, 2011, the Authority approved by Resolution 2011-40 Amendment 1 to the professional surveying service agreement with Consultant in the amount \$25,000.00 for a revised maximum payable amount of \$440,438.75;

WHEREAS, on November 15, 2011, the Authority also approved by Resolution 2011-41 Work Authorization 1 with Consultant in the amount of \$415,438.75; and

WHEREAS, on November 15, 2011, the Authority also approved by Resolution 2011-42 Work Authorization 2 with Consultant in the amount of \$25,000.00; and

WHEREAS, on November 21, 2012, the Authority Amended and Restated by Resolution 2012-40 the professional surveying service agreement with the Consultant to revise the Scope of Service, Work Authorization requirement and DBE/HUB reporting requirement. The Consultants maximum payable amount remained at \$440,438.75 and Work Authorizations 1 and 2 were consolidated into Work Authorization 1, with the aggregate amount remaining at \$440,438.75; and

WHEREAS, on March 20, 2013 the Authority approved by Resolution 2013-09 Contract Amendment 1 to the Amended and Restated agreement with the Consultant to revise the Scope of Service and Work Authorization 1 for SH 365 from SH 336 (10th Street) to FM 3072 (Dicker Road) for an increase in the amount of \$353,753.75, for a revised maximum payable amount of \$794,192.50; and

WHEREAS, on October 16, 2013 the Authority approved Resolution 2013-44 Work Authorization 2 to the Amended and Restated agreement with the Consultant for Right of Way Mapping and Parcel Tract Platting for SH365 for SH 336 to US Military Highway in the

amount of \$310,000.00; and

WHEREAS, on April 23, 2014 the Authority approved Resolution 2014-36 Work Authorization 2 Supplemental 1 to the Amended and Restated agreement with the Consultant to provide Right of Way Mapping and Parcel Tract Platting for 48 additional parcels in the amount of \$148,800.00; and

WHEREAS, on July 23, 2014 the Authority approved Resolution 2014-63 Work Authorization 2 Supplemental 2 to the Amended and Restated agreement with the Consultant to provide Right of Way Mapping and to deduct 17 parcels and modify right of way maps in the in the amount of \$11,100.00; and

WHEREAS, on July 23, 2014 the Authority approved Resolution 2014-64 Contract Amendment 2 to the Amended and Restated agreement with the Consultant to increase by \$11,100.00 for a revised maximum payable amount of \$892,396.25; and

WHEREAS, on November 20, 2014 the Authority approved Resolution 2014-102 Work Authorization 1 Supplemental 2 to the Amended and Restated agreement with the Consultant for additional topography required for right of way area changes on the State Highway 365 Project from SH 336 to FM 3072 due to Texas Department of Transportation Design Manual Updates in the amount of \$14,772.50; and

WHEREAS, on November 20, 2014 the Authority approved Resolution 2014-103 Contract Amendment 3 to the Amended and Restated agreement with the Consultant to increase by \$14,772.50 for a revised maximum payable amount of \$907,168.75; and

WHEREAS, on May 28, 2015 the Authority approved by Resolution 2015-21 Work Authorization 1 Supplemental 3 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on May 28, 2015 the Authority approved by Resolution 2015-22 Work Authorization 2 Supplemental 3 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on September 22, 2015 the Authority approved by Resolution 2015-67 Work Authorization 1 Supplemental 4 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on September 22, 2015 the Authority approved by Resolution 2015-68 Work Authorization 2 Supplemental 4 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on January 26, 2016 the Authority approved Resolution 2016-12 Work Authorization Number 3 to Professional Service Agreement with Quintanilla, Headley & Associates construction monument staking for the SH365 Project in the amount of \$61,696.25; and

WHEREAS, on January 26, 2016 the Authority approved Resolution 2016-13 Contract Amendment 4 to Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$61,696.25, for a revised maximum payable amount of \$968,865.00; and

WHEREAS, the Authority finds it necessary to approve correction of scrivener error for Contract Amendment Number 2 to the Professional Service Agreement with Quintanilla, Headley & Associates in the amount of \$98,203.75, maximum payable amount remains in the amount of \$968,865.00; and

WHEREAS, on June 26, 2018 the Authority approved Resolution 2018-33 for Contract Amendment 5 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway and International Bridge Trade Corridor Projects;

WHEREAS, on August 27, 2019 the Authority approved Resolution 2019-31 Approval of Work Authorization 4 to Professional Service Agreement with Quintanilla, Headley & Associates for control and construction staking for the DCP utility adjustment in the 365 Tollway Project in the amount of \$4,020.00; and

WHEREAS, on August 27, 2019 the Authority approved Resolution 2019-32 Contract Amendment 6 to Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$4,020.00, for a revised maximum payable amount of \$972,885.00; and

WHEREAS, on November 23, 2021 the Authority approved Resolution 2021-63 Approval of Contract Amendment 7 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway and International Bridge Trade Corridor Projects; and

WHEREAS, on December 12, 2023 the Authority approved Resolution 2023-54 Approval of Contract Amendment 8 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway Project.

WHEREAS, on July 23, 2024 the Authority approved Resolution 2024-36 – Approval of Work Authorization Number 5 to Professional Service Agreement with Quintanilla, Headley & Associates for control and construction staking of the 365 Tollway for quality assurance, in the amount of \$80,220.00; and

WHEREAS, on July 23, 2024 the Authority approved Resolution 2024-37 Approval of Contract Amendment 9 to the Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$80,220.00, for a revised maximum payable amount 1,053,105.00; and

WHEREAS, the Authority finds it necessary to approve Resolution 2024-50 Approval of Work Authorization Number 6 to the Professional Service Agreement with Quintanilla, Headley & Associates to provide surveying services to amend parcels for the Enbridge/Texas Eastern Pipeline agreement for the 365 Toll in the amount of \$1,760.00.

\*\*\*\*\*

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Resolution 2024-50 for Work Authorization 6 to the Professional Services Agreement for Surveying Services with Quintanilla, Headley & Associates, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute Work Authorization Number 6 to the Professional Services Agreement for Surveying Services with Quintanilla, Headley & Associates as approved.

\*\*\*\*\*

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 17<sup>th</sup> of December 2024, at which meeting a quorum was present.

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Robert L. Lozano, Chairman

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Juan Carlos Del Angel, Secretary/Treasurer

Exhibit A

Work Authorization  
Number 6  
to  
Professional Service Agreements  
with  
Quintanilla, Headley & Associates  
for Surveying  
Services

**+Contract+**

**Hidalgo County  
Regional Mobility Authority  
(HCRMA)(Authority)**

**SURVEYING SERVICES  
For SH 365  
Segment 0031/0032**

Work Authorization No. 6

**December 17, 2024**

**QUINTANILLA, HEADLEY &  
ASSOCIATES, INC.**

**WORK AUTHORIZATION NO. 6**

**WORK AUTHORIZATION NO. 6  
AGREEMENT FOR SURVEYING SERVICES**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Surveying Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Quintanilla, Headley & Associates Inc. (the Surveyor).

**PART I.** The Surveyor will perform surveying services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Surveyor as well as the work schedule are further detailed in Exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

**PART II.** The maximum amount payable under this Work Authorization is \$1,760.00 and the method of payment is Lump Sum as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Surveyor’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

**PART III.** Payment to the Surveyor for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

**PART IV.** This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on December 31, 2024, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

**PART V.** This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Surveying Services for *SH 365 Segment 0031 / Segment 0032*.”

**IN WITNESS WHEREOF**, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

**THE SURVEYOR**

**THE AUTHORITY**

\_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Printed Name)  
\_\_\_\_\_  
(Title)  
\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature)  
Pilar Rodriguez, PE  
\_\_\_\_\_  
(Printed Name)  
Executive Director  
\_\_\_\_\_  
(Title)  
\_\_\_\_\_  
(Date)

**LIST OF EXHIBITS**

- |             |  |
|-------------|--|
| Exhibit A   | Services to be provided by the Authority           |
| Exhibit B   | Services to be provided by the Surveyor            |
| Exhibit C   | Work Schedule                                      |
| Exhibit D   | Fee Schedule/Budget                                |
| Exhibit H-2 | Subprovider Monitoring System Commitment Agreement |

**EXHIBIT B**  
**SERVICES TO BE PROVIDED BY THE SURVEYOR**

**EXHIBIT B**  
**SERVICES TO BE PROVIDED BY SURVEYOR**  
**SCOPE OF WORK**

- Shooting as built grades: as built controls, main lanes alignments (horizontal, vertical controls PC, PI, PTs) STA. 650+00 – 1015+00; and, STA 1225+00 – 1290+00
- Corner elevations of all built MSE walls (top of leveling pads; start and end points) Walls 4-5; 6-8; 10-11; 28; 29; 32-39
- Cross sections at earth, embankments @ 200' FM494, STA 715+00 - 750+00; SJMC, STA 957+00 – 965+00; McColl, STA 31+00 – 51+50;
- Cross sections at earth, embankments @ 100' Levee STA 800+ 00-858+20 : STA 870+00 – 876+00

**Collection, Recording, and Presentation of Data.**

Measure and/or record the following information on an appropriately formatted test hole data sheet (field book) that has been sealed and dated by the Consultant:

1. Elevation of top and/or bottom of the utility tied to the project datum, to a vertical accuracy of +/- 0.05 feet (15 mm).
2. Elevation of existing grade over utility at test hole.
3. Horizontal location referenced to project coordinate datum, to a horizontal accuracy consistent with applicable DOT survey standards.
4. Field sketch showing horizontal location referenced to a minimum of three (3) swing ties to physical structures existing in the field and shown on the project plans.
5. Approximate centerline bearing of utility line.
6. Outside diameter of pipe, width of duct banks, and configuration of non-encased multi-conduit systems.
7. Utility structure material composition, when reasonably ascertainable.
8. Identity of benchmarks used to determine elevations.
9. Utility facility condition.
10. Soil type and site conditions.
11. Identity of utility owner/operator.
12. Other pertinent information as is reasonably ascertainable from site location.

Translate utility data to the appropriate CADD format (See 1.8 Data Management) for direct incorporation of information into the HCRMA or design engineer's CADD file. Utility information shall be clearly delineated via line codes/symbols and labeling as set forth in the DEPARTMENT's Electronic Utility File Guidelines.

**EXHIBIT C  
WORK SCHEDULE**

**EXHIBIT C  
WORK SCHEDULE**

**EXHIBIT D**  
**FEE SCHEDULE/BUDGET**

**EXHIBIT D  
FEE SCHEDULE/BUDGET**

Quintanilla, Headley and Associates, Inc.  
 Survey Services for the HCRMA  
 Revision of Parcel 60 P-3 E-1 and Parcel 60 P-1 E-1  
 Schedule: December 2024

**EXHIBIT 'D'**  
**Fee Schedule/Budget for**  
**Hidalgo County Regional Mobility Authority (HCRMA)**  
**Benchmarks From SH336 (10 Street) to U.S. Hwy 281 (Military Hwy)**  
**SH 365 Surveying Services**

SURVEY SERVICES DESCRIPTION	Registered Professional Land Surveyor	Survey Tech	CAAD Tech	CADD Workstation with Plotter	3 Person Field Party					Total Labor Hrs.	Remarks	Task Cost
<b>Section 8 – Construction Control and Staking</b>												
Limits for this service: From Trooper Road to 10th Street (SH336)												
8.1 Coordination, Admin., Research and Abstracting Tasks	5	0	0	0	0					5		
8.2 Field Work Tasks	0	0	0	0	0					0		
8.2.1 Set and establish Benchmarks along and 1' inside one of the project's ROW line at no more than 1000' intervals.	1	1	0	0	0					2		
8.2.2 Survey each benchmark using GPS RTK "Control Observation" procedures for horizontal value.	1	1	0	0	0					2		
8.2.3 Survey each bench mark using 3-wire leveling procedures for vertical value.	1	1	0	0	0					2		
8.3 Office Work / Delivery Preparation Tasks	1	1	0	0	0					2		
<i>Subtotal</i>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>		<b>\$ -</b>
<b>Total Manhours by Classification</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>		
<b>Contract Hourly Rate by Classification</b>	\$ 165.00	\$ 68.75	\$ 55.00	\$ 55.00	\$ 151.25	\$ -	\$ -	\$ -	\$ -			
<b>Total Fee by Classification</b>	\$ 1,485.00	\$ 275.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,760.00		
<b>% Utilization by Over 6 months</b>	0.87%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		CHECK (MHRs): 13	
<b>% of Total Labor Hours</b>	69.23%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	CHECK (LABOR):	
<b>% of Total Labor Cost</b>	84.38%	15.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	\$ 1,760.00	
<b>TOTAL DIRECT LABOR COST</b>												<b>\$ -</b>
<b>DIRECT EXPENSES</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>	<b>Total</b>								
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
				\$ -								\$ -
<b>TOTAL DIRECT EXPENSES</b>				\$ -								<b>\$ -</b>
<b>SPECIAL SERVICES FEE (SUBCONSULTANTS)</b>												<b>DBE Participation</b> <b>0.00%</b>
<b>Name</b>	<b>Task(s) Summary</b>											
<b>TOTAL SPECIAL SERVICES FEE (SUBCONSULTANTS)</b>												<b>\$ -</b>
<b>GRAND TOTAL</b>												<b>\$ 1,760.00</b>

**EXHIBIT H-2**  
**Subprovider Monitoring System Commitment Agreement**

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Exhibit H-2 is required to be attached to each contract that does not include work authorizations. Exhibit H-2 is required to be attached with each work authorization. Exhibit H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: \_\_\_\_\_ and attach with the work authorization or supplemental work authorization.**

Contract #: \_\_\_\_\_ Assigned Goal: 12.2% Prime Provider Quintanilla, Headley & Associates Inc.

Work Authorization (WA) #: 6 Amount: \$1,760.00 Date: 12/ 17 / 2024

Supplemental Work Authorization (SWA) #: \_\_\_\_\_ to WA #: Revised SWA Amount: \_\_\_\_\_

**WA Amount:** \_\_\_\_\_

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Survey	<b>\$1,760.00</b>
FC	<b>\$0</b>
<b>Total Commitment Amount</b> <i>(Including all additional pages.)</i>	<b>\$0</b>

**IMPORTANT:** The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

<b>Provider Name:</b> Quintanilla, Headley & Associates Inc. <b>Address:</b> 124 E. Stubbs Edinburg, Texas 78539 <b>VID Number:</b> 17426481671 <b>PH:</b> (956) 381-6480; <b>FX:</b> (956) 381-0527 <b>Email:</b> alfonsoq@qhaengineering.com	<b>Name:</b> <u>Alfonso Quintanilla</u> <i>(Please Print)</i> <b>Title:</b> <u>President</u> <hr/> <b>Signature</b> <span style="float: right;"><b>Date</b></span>
<b>DBE/HUB Sub Provider</b>	<b>Name:</b> _____ <i>(Please Print)</i> <b>Title:</b> _____ <hr/> <b>Signature</b> <span style="float: right;"><b>Date</b></span>
<b>Second Tier Sub Provider</b> <b>Subprovider Name:</b> <b>VID Number:</b> <b>Address:</b> <b>Phone #&amp; Fax #:</b> <b>Email:</b>	<b>Name:</b> _____ <i>(Please Print)</i> <b>Title:</b> _____ <hr/> <b>Signature</b> <span style="float: right;"><b>Date</b></span>
<b>VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).</b>	

Item 2E

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  2E  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>  12/10/24  </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>  12/17/24  </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-51 – APPROVAL OF CONTRACT AMENDMENT NUMBER 10 TO THE PROFESSIONAL SERVICES AGREEMENT WITH QUINTALLA, HEADLEY & ASSOCIATES TO INCREASE THE MAXIMUM AMOUNT PAYABLE FOR WORK AUTHORIZATION NUMBER 6.**
  
2. Nature of Request: (Brief Overview) Attachments:  Yes     No  
  
Consideration and Approval of CA No. 10 to the PSA with Quintanilla, Headley & Associates to provide survey services for the 365 Tollway.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:     Yes     No     N/A
  
5. Staff Recommendation: **Motion to approve Resolution 2024-51 – Approval of Contract Amendment 10 to the Professional Services Agreement with Quintanilla Headley and Associates to increase the maximum payable amount for Work Authorization Number 6, as presented.**
  
6. Program Manager’s Recommendation:     Approved     Disapproved     None
  
7. Planning Committee’s Recommendation:     Approved     Disapproved     None
  
8. Board Attorney’s Recommendation:     Approved     Disapproved     None
  
9. Chief Auditor’s Recommendation:     Approved     Disapproved     None
  
10. Chief Financial Officer’s Recommendation:     Approved     Disapproved     None
  
11. Chief Development Engineer’s Recommendation:     Approved     Disapproved     None
  
12. Chief Construction Engineer’s Recommendation:  Approved     Disapproved     None
  
13. Executive Director’s Recommendation:  Approved     Disapproved     None



Project: SH365

CMT Services

Environmental

Engineering

Geo-Technical

Surveying **Quintanilla, Headley & Associates**

## CONTRACT AMENDMENT SUMMARY

RESOLUTION 2024-51

Original Contract Amount                     **\$ 440,439**                    

Amendment #   10  

Amount   **\$ 1,760.00**  

### Approved Contract Amendments

Resolutions	Description	Amount
2012-40	Original Restated amount \$440,438.75	
2013-09	Amend. 1-Revised max payable	\$ 794,192.50
2014-64	Amend. 2-Increase in WA2 SA2 &2	\$ 98,203.75
2014-103	Amend. 3-increase in SWA2 to WA 1	\$ 14,772.50
2016-13	Amend 4- Increase in WA 3 Const. Staking	\$ 61,696.25
	<b>Subtotal from Cont. Page</b>	<b>\$ 84,240.00</b>
	Contract Amount	<b>\$ 1,053,105.00</b>
Proposed Amendment		
2024-51	Amend 10 - WA No. 6 - 365 Toll	<b>\$ 1,760.00</b>

Resolution 2024-51- Consideration and approval of Contract Amendment No. 10 with Quintanilla, Headly, & Associates to increase maximum payable amount for Work Authorization Number 6.

**Staff is recommending approval of this request in the amount of \$ 1,760.00 for a Revised Maximum Payable Amount of \$ 1,054,865.00**

Ramon Navarro, Const.

Requested by:

**Approved Amendments Cont...**

**Resolution No.**

2024-51

Resolution No.	Description	Amount
2018-33	CA 5 - No Cost Time Ext.	\$ 0.00
2019-32	CA 6 - WA 4	\$ 4,020.00
2021-63	CA 7 - No Cost Time Ext.	\$ 0.00
2023-54	CA 8 - No Cost Time Ext.	\$ 0.00
2024-37	CA9 - WA5	\$ 80,220.00

Subtotal \$ 84,240.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2024-51

**CONSIDERATION AND APPROVAL OF CONTRACT AMENDMENT NUMBER 10 WITH QUINTANILLA, HEADLY, & ASSOCIATES TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 6**

THIS RESOLUTION is adopted this 17<sup>th</sup> day of December, 2024 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act");

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on October 27, 2011, the Authority awarded by Resolution 2011-09 a professional service agreement to Quintanilla, Headley and Associates (the "Consultant") to perform surveying work for the SH 365 Project from SH 336 to FM 3072 in the maximum payable amount of \$415,438.75;

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WHEREAS, on April 23, 2014 the Authority approved Resolution 2014-36 Work Authorization 2 Supplemental 1 to the Amended and Restated agreement with the Consultant to provide Right of Way Mapping and Parcel Tract Platting for 48 additional parcels in the amount of \$148,800.00; and

WHEREAS, on July 23, 2014 the Authority approved Resolution 2014-63 Work Authorization 2 Supplemental 2 to the Amended and Restated agreement with the Consultant to provide Right of Way Mapping and to deduct 17 parcels and modify right of way maps in the in the amount of \$11,100.00; and

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WHEREAS, on September 22, 2015 the Authority approved by Resolution 2015-67 Work Authorization 1 Supplemental 4 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on September 22, 2015 the Authority approved by Resolution 2015-68 Work Authorization 2 Supplemental 4 to the Professional Service Agreement with Quintanilla, Headley & Associates for a No-cost work schedule time extension for surveying services for the State Highway 365 Project; and

WHEREAS, on January 26, 2016 the Authority approved Resolution 2016-12 Work Authorization Number 3 to Professional Service Agreement with Quintanilla, Headley & Associates construction monument staking for the SH365 Project in the amount of \$61,696.25; and

WHEREAS, on January 26, 2016 the Authority approved Resolution 2016-13 Contract Amendment 4 to Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$61,696.25, for a revised maximum payable amount of \$968,865.00; and

WHEREAS, the Authority finds it necessary to approve correction of scrivener error for Contract Amendment Number 2 to the Professional Service Agreement with Quintanilla, Headley & Associates in the amount of \$98,203.75, maximum payable amount remains in the amount of \$968,865.00; and

WHEREAS, on June 26, 2018 the Authority approved Resolution 2018-33 for Contract Amendment 5 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway and International Bridge Trade Corridor Projects;

WHEREAS, on August 27, 2019 the Authority approved Resolution 2019-31 Approval of Work Authorization 4 to Professional Service Agreement with Quintanilla, Headley & Associates for control and construction staking for the DCP utility adjustment in the 365 Tollway Project in the amount of \$4,020.00; and

WHEREAS, on August 27, 2019 the Authority approved Resolution 2019-32 Contract Amendment 6 to Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$4,020.00, for a revised maximum payable amount of \$972,885.00; and

WHEREAS, on November 23, 2021 the Authority approved Resolution 2021-63 Approval of Contract Amendment 7 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway and International Bridge Trade Corridor Projects; and

WHEREAS, on December 12, 2023 the Authority approved Resolution 2023-54 Approval of Contract Amendment 8 to the Professional Service Agreement with Quintanilla, Headley & Associates for a no-cost time extension to provide survey services for the 365 Tollway Project; and

WHEREAS, on July 23, 2024 the Authority approved Resolution 2024-36 – Approval of Work Authorization Number 5 to Professional Service Agreement with Quintanilla, Headley & Associates for control and construction staking of the 365 Tollway for quality assurance, in the amount of \$80,220.00; and

WHEREAS, on July 23, 2024 the Authority approved Resolution 2024-37 Approval of Contract Amendment 9 to the Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$80,220.00, for a revised maximum payable amount 1,053,105.00; and

WHEREAS, the Authority finds it necessary to approve Resolution 2024-51 Approval of Contract Amendment 10 to the Professional Service Agreement with Quintanilla, Headley & Associates for an increase in the amount of \$1,760.00, for a revised maximum payable amount 1,054,865.00.

\*\*\*\*\*

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Resolution 2024-50 for Contract Amendment Number 10 to the Professional Services Agreement for Surveying Services with Quintanilla, Headley & Associates, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute Amendment Number 10 to the Professional Services Agreement for Surveying Services with Quintanilla, Headley & Associates as approved.

\*\*\*\*\*

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 17<sup>th</sup> of December 2024, at which meeting a quorum was present.

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Robert L. Lozano, Chairman

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Juan Carlos Del Angel, Secretary/Treasurer

Exhibit A

Contract Amendment  
Number 10  
to  
Professional Service Agreements  
with  
Quintanilla, Headley & Associates  
for Surveying  
Services

**SUPPLEMENTAL AGREEMENT NO. 10  
TO PROFESSIONAL SERVICES  
AGREEMENT FOR SURVEYING SERVICES**

**THIS SUPPLEMENTAL AGREEMENT NO 10 TO MAIN CONTRACT** is made pursuant to the terms and conditions of “Attachment A General Provisions Section 6 Supplemental Agreements of that certain Professional Services Agreement for Engineering Design Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Quintanilla, Headley & Associates, Inc. (the Surveyor).

The following terms and conditions of the Agreement are hereby amended as follows:

**Article II Agreement Period**

This Agreement becomes effective when fully executed by all parties hereto and it shall terminate at the close of business on March 31, 2026.

**Article III  
Agreement Compensation**

Article III Agreement Compensation. Article III Compensation shall be amended to increase the amount payable under this contract from the maximum amount payable under this contract is \$1,053,105.00 to \$1,054,865.00 for a total increase of \$1,760.00 for control and construction staking of the 365 Tollway for quality assurance as outlined in Work Authorization Number 5.

This Supplemental Agreement No. 10 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

**IN WITNESS WHEREOF**, this Supplemental Agreement is executed in duplicate counterparts and hereby accepted and acknowledged below.

**THE SURVEYOR**

\_\_\_\_\_  
(Signature)  
Alfonso Quintanilla, P.E., P.R.L.S.  
(Printed Name)  
President  
(Title)  
\_\_\_\_\_  
(Date)

**THE AUTHORITY**

\_\_\_\_\_  
(Signature)  
Pilar Rodriguez, P.E.  
(Printed Name)  
Executive Director  
(Title)  
\_\_\_\_\_  
(Date)

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**Item 3A**

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  3A  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u> 12/09/2024 </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u> 12/17/2024 </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-45 – SUPPORTING STATE HIGHWAY 68 ROUTE DEISGN MODIFICATION NUMBER 7.**

2. Nature of Request: (Brief Overview) Attachments:  Yes  No  
Approval of Resolution 2024-45 supporting TxDOT SH 68 Design Modification Number 7.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted:  Yes  No  N/A

5. Staff Recommendation: **Motion to approve Resolution 2024-45 – Supporting State Highway 68 Design Modification Number 7.**

6. Program Manager’s Recommendation:  Approved  Disapproved  None

7. Planning Committee’s Recommendation:  Approved  Disapproved  None

8. Board Attorney’s Recommendation:  Approved  Disapproved  None

9. Chief Auditor’s Recommendation:  Approved  Disapproved  None

10. Chief Financial Officer’s Recommendation:  Approved  Disapproved  None

10. Chief Development Engineer’s Recommendation:  Approved  Disapproved  None

11. Chief Construction Engineer’s Recommendation:  Approved  Disapproved  None

12. Executive Director’s Recommendation:  Approved  Disapproved  None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
BOARD RESOLUTION No. 2024-45

RESOLUTION SUPPORTING STATE HIGHWAY 68 DESIGN MODIFICATION  
ROUTE NUMBER 7

THIS RESOLUTION is adopted this 17<sup>th</sup> day of December, 2024, by the Board of Directors of the Hidalgo County Regional Mobility Authority.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, on November 17, 2005, the Texas Transportation Commission (the “Commission”) created the Authority pursuant to (i) the Act; (ii) Title 43, Texas Administrative Code; (iii) a petition of the Hidalgo County Commissioners Court (the “County”); and (iv) findings by the Commission that the creation of the Authority would result in certain direct benefits to the State of Texas (the “State”), local governments, and the traveling public and would improve the State’s transportation system; and

WHEREAS, the Authority is charged with developing mobility projects in Hidalgo County; and

WHEREAS, the Authority has a vested interest in the proposed State Highway 68 Corridor which merges with the International Bridge Trade Corridor, 365 Tollway and Section “C” of the Hidalgo County Loop System; and

WHEREAS, the Authority deems it necessary and appropriate to weigh in on the importance of the Northern portion of this commercial corridor; and

WHEREAS, the Board finds it to be in the best interest of the Authority to support TxDOT Design Modification Number 7 attached hereto as Exhibit “A” would best serve the region, in promoting safe and efficient flow of commercial traffic both to and from the five international ports of entry in the county;

NOW THEREFORE BE IT RESOLVED by the Board of Directors of the Hidalgo County Regional Mobility Authority that:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby request that TxDOT consider constructing the Norther portion of State Highway 68 in accordance with Design Modification Number 7, hereto attached as Exhibit A.
- Section 3. If Design Modification Number 7 is not possible, the Authority requests that TxDOT find another alternative to the Northern portion of this corridor that does not ultimately utilize FM 490/US 281 intersection as the primary connector of the corridor system.

\*\*\*\*\*

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A SPECIAL MEETING on the 17<sup>th</sup> day of December, 2024, at which meeting a quorum was present.

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Robert L. Lozano, Chairman

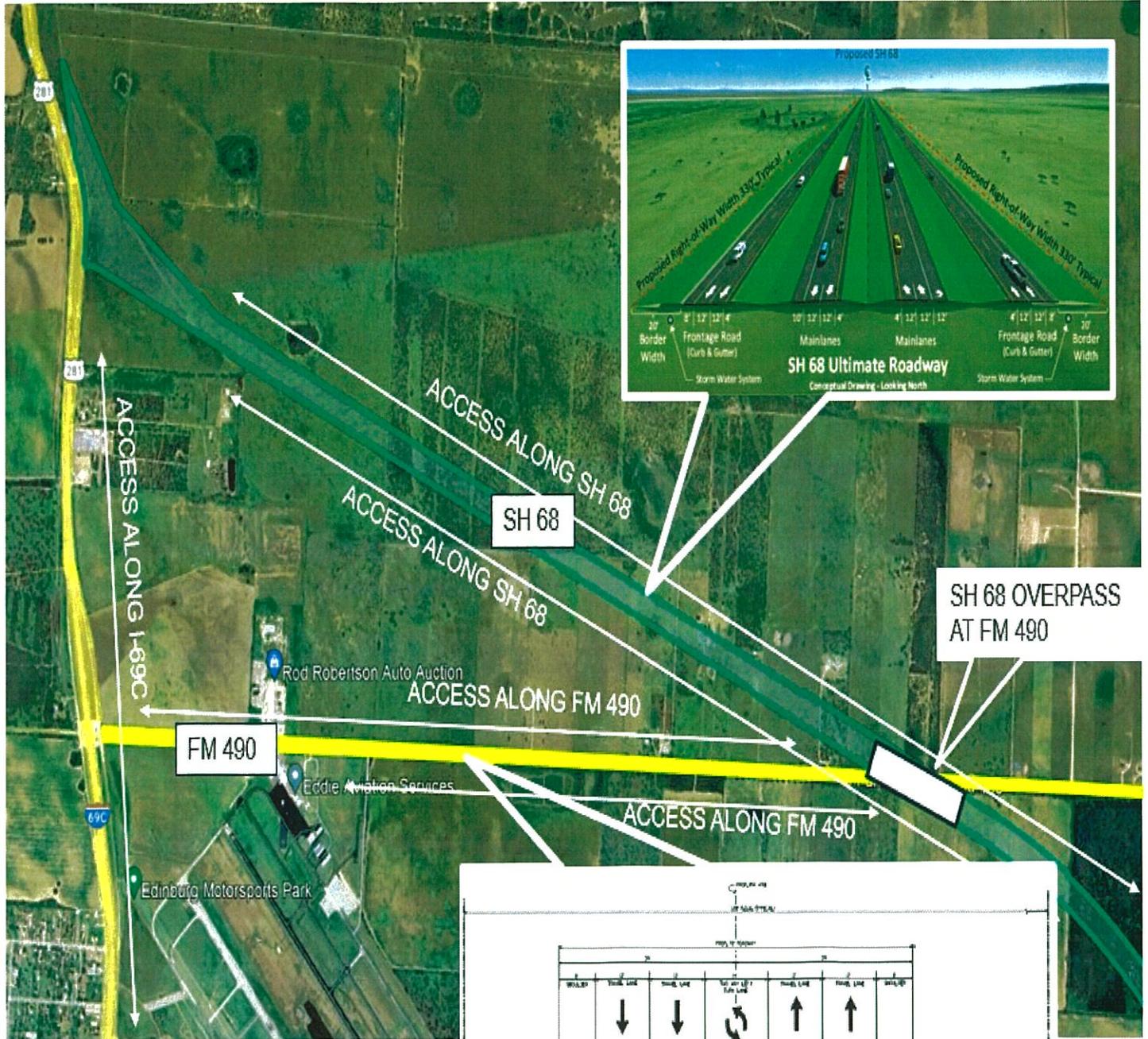
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Juan Carlos Del Ángel, Secretary/Treasurer

EXHIBIT A

DESIGN MODIFICATION NUMBER 7

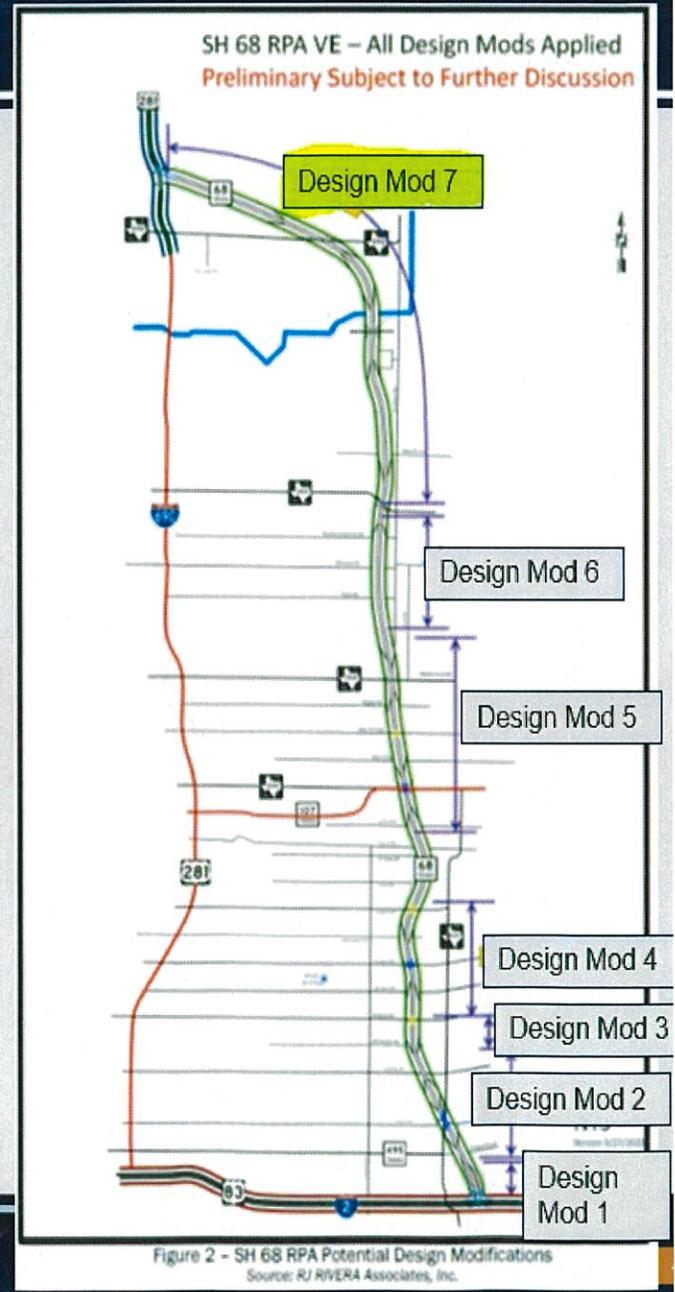
# SH 68 & FM 490 LAYOUT AND TYPICAL SECTIONS



SH 68

## Design Modification Route (DMR)

- 7 DESIGN MODIFICATIONS WERE ASSESSED BETWEEN FALL OF 2019 AND EARLY 2021
- MODIFICATIONS RESULTED FROM:
  - PUBLIC INPUT
  - VALUE ENGINEERING STUDY
  - FURTHER DRAINAGE CONSIDERATIONS (ADDITIONAL IMPACTS NOT CONSIDERED IN THE DEIS).
  - REDUCE THE TOTAL NUMBER OF IMPACTS
- DESIGN MODIFICATION #7 REVISED SH 68 ALIGNMENT BETWEEN FM 2812 TO US 281 / I-69C.
- ANTICIPATING IN RECEIVING FINAL ENVIRONMENTAL IMPACT STATEMENT IN MAY / JUNE 2024



SH 68

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**Item 3B**

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  3B  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>  12/09/24  </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>  12/17/24  </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-48 ADOPTION OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY FISCAL YEAR 2025 OPERATING AND CAPITAL BUDGET.**
  
2. Nature of Request: (Brief Overview) Attachments:  Yes  No  
Consideration and adoption of Fiscal Year 2025 Budget. The HCRMA's fiscal year begins January 1, 2025 and ends December 31, 2025.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:  Yes  No  N/A
  
5. Staff Recommendation: **Motion to approve Resolution 2024-48 – Adoption of the Hidalgo County Regional Mobility Authority's Fiscal Year 2025 Operating and Capital Budget.**
  
6. Program Manager's Recommendation:  Approved  Disapproved  None
  
7. Planning Committee's Recommendation:  Approved  Disapproved  None
  
8. Board Attorney's Recommendation:  Approved  Disapproved  None
  
9. Chief Auditor's Recommendation:  Approved  Disapproved  None
  
10. Chief Financial Officer's Recommendation:  Approved  Disapproved  None
  
11. Chief Development Engineer's Recommendation:  Approved  Disapproved  None
  
12. Chief Construction Engineer's Recommendation:  Approved  Disapproved  None
  
13. Executive Director's Recommendation:  Approved  Disapproved  None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
BOARD RESOLUTION NO. 2024-48

ADOPTION OF HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
FISCAL YEAR 2025 OPERATING AND CAPITAL BUDGET

THIS RESOLUTION is adopted this 17<sup>th</sup> day of December, 2024 by the Board of Director of the Hidalgo County Regional Mobility Authority.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”); is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, the Authority was created by Order of Hidalgo County (the “County”) dated October 26, 2004; Petition of the County dated April 21, 2005; and a Minute Order of the Texas Transportation Commission (the “Commission”) dated November 17, 2005, pursuant to provisions under the Act the Authority; and

WHEREAS, the Authority is required to report to the Texas Department of Transportation the annual operating and capital budget adopted pursuant to the Texas Administrative Code, Title 43, Part 1, Chapter 26, Subchapter G (Regional Mobility Authority Reports and Audits), as amended; and

WHEREAS, the Authority’s fiscal year commences on January 1, 2025, and ends on December 31, 2025; and

WHEREAS, the Authority has reviewed the proposed Fiscal Year 2025 Budget for the necessary operating and capital expenses;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTOR OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board adopts the Fiscal Year 2025 Operating and Capital Budget, hereto attached as Exhibit A.
- Section 3. The Board of Directors authorize the Executive Director to manage and administer the Fiscal Year 2025 Operating and Capital Budget.

\*\*\*\*\*

Passed and Approved as to be effective immediately this 17<sup>th</sup> day of December 2024, at a regular meeting of the Board of Directors of the Hidalgo County Regional Mobility Authority at which a quorum was present and which was held in accordance with the provisions of Chapter 551, Texas Government Code.

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Robert L. Lozano, Chairman

Attest:

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Juan Carlos Del Ángel, Secretary/Treasurer

EXHIBIT A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
FISCAL YEAR 2025  
OPERATING AND CAPITAL BUDGET



**Board of Directors**

**Robert L. Lozano, Chairman**  
**Ezequiel Reyna, Jr., Vice-Chairman**  
**Juan Carlos Del Ángel, Secretary/Treasurer**  
**Gabriel Kamel, Director**  
**Francisco “Frank” Pardo, Director**  
**Sergio Saenz, Director**  
**Michael J. Williamson, Director**

November 27, 2024

Chairman Lozano  
Members of the Board of Directors  
Hidalgo County Regional Mobility Authority  
Citizens of Hidalgo County  
Pharr, Texas 78577

We are pleased to present the Budget for the Hidalgo County Regional Mobility Authority for the year ending December 31, 2025. Copies are available for inspection at the Executive Director’s Office and the Authority’s website, [www.hcrma.net](http://www.hcrma.net).

**GUIDELINES FOR DEVELOPING THIS YEAR’S BUDGET**

The Budget has been developed consistent with the Authority’s mission statement, *“To provide our customers with a rapid and reliable alternative for the safe and efficient movement of people, goods and services”*, complementing the Strategic Plan, a summary of which is included in this document, and will be implemented by staff according to the Authority’s Vision—*Enhance the quality of life and economic vitality of the region*. We believe that it is realistic, attainable and cost-effectively meets the level of effort, envisioned in the mission statement, which you have directed the Authority’s staff to provide within the constraints of the Authority’s budgetary and financial policies.

**OVERVIEW OF THIS YEAR’S BUDGET**

The year begins with estimated working capital, debt service funds, and construction project balances at \$159M. Total resources are expected to add to that almost \$68.9M. Of that amount: \$7.5M is expected to be received through vehicle registration fees, \$2.0M in permit fees, 56.0M in federal grant and 3.4M from estimated interest earnings. Total appropriations amount to \$129.8M--\$3.9M of which is dedicated to operations, \$8.7M to debt service, and \$116.0M in capital construction of the 365 Tollway Project and \$1.0M in environmental clearances of section A and section E. At this level of activity, we anticipate that ending working capital, debt service funds, capital construction, and capital improvement will approximate \$98.1M.

**CURRENT YEAR ISSUES**

**Revenues**

A conservative approach was taken regarding the Vehicle Registration Revenues and were budgeted at \$7.5M same as last year. Permit fees were budgeted at \$2.0M.

**Operating Budget**

The estimated operating budget is \$3.9M. This represents an increase of \$300.8K or 8.21% as compared to last year. The increase is primarily due to the inclusion of \$300K for outreach and marketing the 365 Toll Road Project.

**Capital Outlay and Non-Capital Outlay**

Amount budgeted this year is \$31K, which consists of: \$20K administration; \$8K construction management; and \$3K for project management. This represents a net decrease of \$1.0M as compared to last year. The net decrease was essentially not purchasing the land from Texas Department of Transportation.

**SUMMARY**

We believe that this budget is realistic, attainable and cost-effectively meets not only the existing advance project development pace, which you have directed Authority staff to follow. It also addresses the issues that arose during the budget process. It will be closely monitored as to the performance of revenues and compliance with appropriations limits, with periodic reports provided to the Board of Directors.

In closing, I want to thank Celia Gaona, Chief Auditor/Compliance Officer Manager and Jose Castillo, Chief Financial Officer for each's contribution and efforts during the budget process and preparation of this document. Additionally, I would like to thank the Chairman and the Board of Directors for their direction and continued support of management and staff.

Respectfully Submitted,  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY



Pilar Rodriguez, PE  
Executive Director

**Hidalgo County Regional Mobility Authority  
2025 Combined Budget Summary  
All Funds**

	Beginning Net Position	Projected Revenues	Transfers In	Transfers Out
<b>General Fund:</b>				
General Fund-Operations	\$ 9,786,626	\$ 9,800,000	\$ -	\$ (3,970,904)
Sr Lien General FD(Reserved)	\$ 6,465,958	\$ 2,000,000	\$ -	\$ (1,765,444)
<b>Total General Fund</b>	<b>\$ 16,252,584</b>	<b>\$ 11,800,000</b>	<b>\$ -</b>	<b>\$ (5,736,348)</b>
<b>Debt Service Funds:</b>				
Senior Lien Vehicle Registration Fee Series 2020				
Revenue and Refunding Bonds	\$ 395,827	\$ 50,000	\$ 3,970,904	\$ -
Senior Lien Revenue Bond, Taxable Series 2022A	\$ 4,064,391	\$ 100,000	\$ -	\$ -
Junior Lien Revenue Bond, Taxable Series 2022B	\$ (297,094)	\$ 10,000	\$ 1,765,444	\$ -
<b>Tota Debt Service Funds</b>	<b>\$ 4,163,124</b>	<b>\$ 160,000</b>	<b>\$ 5,736,348</b>	<b>\$ -</b>
<b>Capital Project Funds:</b>				
365 Toll Road	\$ 19,590,688	\$ 1,000,000	\$ 95,459,312	\$ -
Capital Improvements	\$ 119,000,000	\$ 56,000,000	\$ -	\$ (95,459,312)
<b>Tota Capital Project Funds</b>	<b>\$ 138,590,688</b>	<b>\$ 57,000,000</b>	<b>\$ 95,459,312</b>	<b>\$ (95,459,312)</b>
<b>TOTALS</b>	<b>\$ 159,006,396</b>	<b>\$ 68,960,000</b>	<b>\$ 101,195,660</b>	<b>\$ (101,195,660)</b>

Operations	Capital Assets	Debt Service	Total Appropriations	Revenue Over/Under Expenses	Estimated Ending Net Position
\$ 3,978,555	\$ 15,000	\$ -	\$ 3,993,555	\$ 1,835,541	\$ 11,622,167
\$ -	\$ -	\$ -	\$ -	\$ 234,556	\$ 6,700,514
<u>\$ 3,978,555</u>	<u>\$ 15,000</u>	<u>\$ -</u>	<u>\$ 3,993,555</u>	<u>\$ 2,070,097</u>	<u>\$ 18,322,681</u>
\$ -	\$ -	\$ 3,970,904	\$ 3,970,904	\$ 50,000	\$ 445,827
\$ -	\$ -	\$ 3,295,900	\$ 3,295,900	\$ (3,195,900)	\$ 868,491
\$ -	\$ -	\$ 1,478,350	\$ 1,478,350	\$ 297,094	\$ -
<u>\$ -</u>	<u>\$ -</u>	<u>\$ 8,745,154</u>	<u>\$ 8,745,154</u>	<u>\$ (2,848,806)</u>	<u>\$ 1,314,318</u>
\$ -	\$ 116,050,000	\$ -	\$ 116,050,000	\$ (19,590,688)	\$ -
\$ -	\$ 1,000,000	\$ -	\$ 1,000,000	\$ (40,459,312)	\$ 78,540,688
<u>\$ -</u>	<u>\$ 117,050,000</u>	<u>\$ -</u>	<u>\$ 117,050,000</u>	<u>\$ (60,050,000)</u>	<u>\$ 78,540,688</u>
<u>\$ 3,978,555</u>	<u>\$ 117,065,000</u>	<u>\$ 8,745,154</u>	<u>\$ 129,788,709</u>	<u>\$ (60,828,709)</u>	<u>\$ 98,177,687</u>

Hidalgo County Regional Mobility Authority  
 General Fund Budget Summary  
 For Year Ending December 31, 2025



	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
Beginning Working Capital	\$ 3,421,686	\$ 5,212,503	\$ 6,834,698	\$ 9,786,626
<b>Revenues</b>				
Vehicle Registration Fees	7,042,180	7,500,000	7,400,000	7,500,000
Permit fees oversize	1,346,636	1,300,000	1,800,000	2,000,000
Interest Income	264,483	200,000	300,000	300,000
<b>Total Revenues</b>	<b>8,653,299</b>	<b>9,000,000</b>	<b>9,500,000</b>	<b>9,800,000</b>
<b>Expenditures</b>				
<b>Summary</b>				
Personnel Services	1,640,941	2,906,501	1,671,972	2,856,805
Supplies	15,459	29,500	9,250	16,750
Other Services and Charges	508,195	692,700	569,200	981,000
Maintenance	4,492	33,000	5,500	108,000
Non-capital Outlay	6,490	23,000	8,000	16,000
Capital Outlay	-	1,103,000	-	15,000
<b>Total Expenditures</b>	<b>2,175,577</b>	<b>4,787,701</b>	<b>2,263,922</b>	<b>3,993,555</b>
Net Increase Before Other Financing Sources (Uses)	6,477,722	5,686,295	7,236,078	5,806,445
<b>Other Financing Sources (Uses):</b>				
<b>Transfers-Out</b>				
Debt Service Fund - 2020A/2020B Bonds	(1,732,608)	(3,973,317)	(3,973,317)	(3,970,904)
Debt Service Fund - 2023 Bonds	(1,331,352)	-	-	-
Debt Service Fund - 2022B Bonds	-	-	(310,833)	-
2020 Project	(750)	-	-	-
<b>Total Other Financing Uses</b>	<b>(3,064,710)</b>	<b>(3,973,317)</b>	<b>(4,284,150)</b>	<b>(3,970,904)</b>
Net Increase (Decrease) After Other Financing Sources (Uses)	3,413,012	1,720,191	2,951,928	1,835,541
Ending Working Capital	\$ 6,834,698	\$ 6,932,694	\$ 9,786,626	\$ 11,622,167
Operating Expenditures per Day	\$ 5,960	\$ 8,722	\$ 6,203	\$ 10,941
No. of Days of Operating Expenditures in Working Capital	1,147	795	1,578	1,062
Bond Coverage Ratio: 2020A and 2020B Bonds	2.30	1.89	1.86	1.89



<b>Departments Summary</b>				
	Actual	Budget	Estimated	Budget
<b>Expenditure Detail:</b>	2023	2024	2024	2025
Personnel Services				
Salaries and Wages	\$ 1,299,039	\$ 2,225,091	\$ 1,316,515	\$ 2,173,984
Employee Benefits	315,652	640,460	329,607	643,821
Administrative Cost	26,250	40,950	25,850	39,000
Supplies	15,458	29,500	9,250	16,750
Other Services and Charges	500,571	692,700	569,200	981,000
Maintenance	4,492	33,000	5,500	108,000
Operations Subtotal	2,161,462	3,661,701	2,255,922	3,962,555
Capital and Non-capital Outlay	14,113	1,126,000	8,000	31,000
<b>Total Expenditures</b>	<b>\$ 2,175,575</b>	<b>\$ 4,787,701</b>	<b>\$ 2,263,922</b>	<b>\$ 3,993,555</b>
<b>PERSONNEL</b>				
Exempt	4	8	5	6
Non-Exempt	3	13	10	14
Part-Time	-	-	-	-
<b>Total Positions Authorized</b>	<b>7</b>	<b>21</b>	<b>15</b>	<b>20</b>

**MAJOR FY 2025 GOALS**

- 1.) Continue construction of the 365 Toll Project
- 2.) Releasing International Border Trade Crossing capital assets to Texas Department of Transportation
- 3.) Begin enviornmental clearance document for Section A and Section E.
- 4.) Outreach and marketing the 365 Toll Project.



<b>Department Summary</b>				
<b>Expenditure Detail:</b>	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b><u>COMPENSATION</u></b>				
Salaries	\$ 591,170	\$ 770,700	\$ 563,821	\$ 844,500
Contingency	-	38,538	-	42,225
<b>Total Salaries</b>	<b>591,170</b>	<b>809,238</b>	<b>563,821</b>	<b>886,725</b>
<b><u>Other</u></b>				
Overtime	1,300	500	2,217	1,000
Vehicle Allowance	16,823	26,400	16,800	26,400
Phone Allowance	5,128	7,500	5,100	7,500
<b>Total Other</b>	<b>23,251</b>	<b>34,400</b>	<b>24,117</b>	<b>34,900</b>
<b>Sub-Total</b>	<b>614,421</b>	<b>843,638</b>	<b>587,938</b>	<b>921,625</b>
<b><u>Benefits/Other:</u></b>				
Social Security	33,088	61,945	39,500	67,911
Health Insurance	31,350	51,965	22,700	59,040
Retirement	63,383	96,763	67,532	123,838
EAP-Assistance	-	122	-	348
Retirement-Usct	-	90,000	-	90,000
Administrative Fee	9,825	13,650	10,100	15,600
<b>Total Compensation and Adm. Fees</b>	<b>752,067</b>	<b>1,158,083</b>	<b>727,770</b>	<b>1,278,362</b>
<b><u>SUPPLIES</u></b>				
Office Supplies	9,096	12,000	3,800	6,000
<b>Total Supplies</b>	<b>9,096</b>	<b>12,000</b>	<b>3,800</b>	<b>6,000</b>
<b><u>OTHER SERVICES &amp; CHARGES</u></b>				
Janitorial	47	1,000	-	1,000
Utilities	2,846	2,800	2,800	3,000
Contractual Services	-	-	5,200	8,000
Contractual Adm/IT Services	10,606	12,000	12,000	12,000
Dues & Subscriptions	18,129	18,000	15,000	18,000
Subscriptions-software	863	1,200	100	500
Postage/FedEx/Courier Services	2,693	2,500	1,500	2,000
General Liability	4,010	5,000	5,000	5,000
Insurance - E&O	1,747	2,000	2,000	2,000
Insurance - Surety	-	800	800	800
Insurance - LOC	458	500	500	500
Insurance - Other	4,765	4,000	4,000	7,000
Insurance - Cybersecurity	7,123	10,000	10,000	12,000
Business Meals	1,423	2,000	1,500	2,500
Advertising	-	2,000	2,000	2,200
Marketing	-	-	-	250,000
Outreach	-	-	-	50,000
Training	7,808	8,000	5,000	8,000
Travel	2,786	8,000	1,000	6,000
Printing	436	10,000	1,000	10,000
Bank service charges	-	100	100	100
Accounting & Auditing	34,460	40,000	34,000	40,000

<b>Expenditure Detail (Continued):</b>	<b>Actual 2023</b>	<b>Budget 2024</b>	<b>Estimated 2024</b>	<b>Budget 2025</b>
Legal services	\$ 16,705	\$ 50,000	\$ 30,000	\$ 50,000
Legal services-gov. affairs	130,000	120,000	120,000	120,000
Financial consulting fees	32,747	55,000	23,000	20,000
Insurance consultant	-	10,000	10,000	15,000
Rental - Office	236	54,000	54,000	54,000
Rental - Office Equipment	7,099	8,500	8,500	9,000
Rental- Other	1,852	3,000	2,500	3,500
Contractual Website Services	2,400	2,400	2,400	25,000
Miscellaneous	-	500	6,000	500
Penalties & Interest	9,886	100	-	100
<b>Total Other Services &amp; Charges</b>	<b>301,125</b>	<b>433,400</b>	<b>359,900</b>	<b>737,700</b>
<b><u>MAINTENANCE</u></b>				
Building Remodel	-	20,000	-	100,000
Maintenance and Repairs	2,167	10,000	3,500	5,000
<b>Total Maintenance</b>	<b>2,167</b>	<b>30,000</b>	<b>3,500</b>	<b>105,000</b>
<b><u>CAPITAL OUTLAY</u></b>				
Capital outlay	-	10,000	-	10,000
Acquisition-Land	-	1,085,000	-	-
Non-capital	6,490	10,000	5,000	10,000
<b>Total Capital Outlay</b>	<b>6,490</b>	<b>1,105,000</b>	<b>5,000</b>	<b>20,000</b>
<b>Total Expenditures</b>	<b>\$ 1,070,945</b>	<b>\$ 2,738,483</b>	<b>\$ 1,099,970</b>	<b>\$ 2,147,062</b>



<b>Department Summary</b>				
<b>Expenditure Detail:</b>	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b>COMPENSATION</b>				
Salaries	\$ 576,014	\$ 727,860	\$ 574,100	\$ 621,485
Contingency	-	36,393	-	31,074
<b>Total Salaries</b>	<b>576,014</b>	<b>764,253</b>	<b>574,100</b>	<b>652,559</b>
<b>Other</b>				
Overtime	79,743	50,000	82,815	50,000
Vehicle Allowance	7,193	7,200	7,200	7,200
Phone Allowance	14,889	12,000	7,200	9,600
<b>Total Other</b>	<b>101,825</b>	<b>69,200</b>	<b>97,215</b>	<b>66,800</b>
<b>Sub-Total</b>	<b>677,839</b>	<b>833,453</b>	<b>671,315</b>	<b>719,359</b>
<b>Benefits/Other:</b>				
Social Security	49,235	62,290	50,065	53,746
Health Insurance	58,352	74,234	48,300	59,040
Retirement	79,725	97,303	86,610	83,956
EAP-Assistance	-	174	-	348
Administrative Fee	15,675	19,500	15,000	15,600
<b>Total Compensation and Adm. Fees</b>	<b>880,826</b>	<b>1,086,954</b>	<b>871,290</b>	<b>932,049</b>
<b>SUPPLIES</b>				
Office Supplies	2,896	5,000	2,700	5,000
Small Tools	3,466	10,000	2,500	5,000
<b>Total Supplies</b>	<b>6,362</b>	<b>15,000</b>	<b>5,200</b>	<b>10,000</b>
<b>OTHER SERVICES &amp; CHARGES</b>				
Janitorial	-	300	-	300
Utilities	637	750	600	750
Uniforms	2,116	6,000	1,500	4,000
Dues & Subscriptions	2,938	2,000	750	1,000
Subscriptions-software	20,416	25,000	22,000	25,000
Postage	-	250	-	250
Advertising	4,705	4,000	33,000	7,000
Training	4,075	10,000	500	5,000
Travel	9,729	20,000	1,700	5,000
Printing & Publications	-	100	-	100
Rental-Office Equipment	2,414	3,500	2,400	2,800
Rental-Other	-	2,800	-	2,000
Vehicle Rental	65,922	70,000	70,000	70,000
Vehicle Insurance	4,368	6,000	3,200	4,000
Vehicle Maintenance	1,470	2,500	2,300	2,500
Vehicle Fuel	12,988	10,000	10,000	10,000
<b>Total Other Services &amp; Charges</b>	<b>131,778</b>	<b>163,200</b>	<b>147,950</b>	<b>139,700</b>
<b>CAPITAL OUTLAY</b>				
Capital Outlay	-	8,000	-	5,000
Non-Capitalized	7,623	3,000	3,000	3,000
	<b>7,623</b>	<b>11,000</b>	<b>3,000</b>	<b>8,000</b>
<b>Total Expenditures</b>	<b>\$ 1,026,589</b>	<b>\$ 1,276,154</b>	<b>\$ 1,027,440</b>	<b>\$ 1,089,749</b>



<b>Department Summary</b>				
<b>Expenditure Detail:</b>	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b><u>COMPENSATION</u></b>				
Salaries	\$ 6,779	\$ 500,000	\$ 54,000	\$ 485,000
Contingency	-	21,600	-	21,600
<b>Total Salaries</b>	<b>6,779</b>	<b>521,600</b>	<b>54,000</b>	<b>506,600</b>
<b>Other</b>				
Vehicle Allowance	-	21,600	2,800	21,600
Phone Allowance	-	4,800	462	4,800
<b>Total Other</b>	<b>-</b>	<b>26,400</b>	<b>3,262</b>	<b>26,400</b>
<b>Sub-Total</b>	<b>6,779</b>	<b>548,000</b>	<b>57,262</b>	<b>533,000</b>
<b>Benefits/Other:</b>				
Social Security	519	38,300	4,400	38,300
Health Insurance	-	29,694	3,100	29,520
Retirement	-	37,600	7,400	37,600
EAP-Assistance	-	70	-	174
Administrative Fee	750	7,800	750	7,800
<b>Total Compensation and Adm. Fees</b>	<b>8,048</b>	<b>661,464</b>	<b>72,912</b>	<b>646,394</b>
<b><u>SUPPLIES</u></b>				
Office Supplies	-	2,500	250	750
<b>Total Supplies</b>	<b>-</b>	<b>2,500</b>	<b>250</b>	<b>750</b>
<b><u>OTHER SERVICES &amp; CHARGES</u></b>				
Dues & Subscriptions	965	3,000	-	1,500
Subscriptions-Software	63,509	75,000	60,000	75,000
Postage	-	100	-	100
Advertising	2,416	3,500	-	5,000
Training	-	5,000	600	3,000
Travel	-	8,000	-	3,000
<b>Total Other Services &amp; Charges</b>	<b>66,890</b>	<b>94,600</b>	<b>60,600</b>	<b>87,600</b>
<b><u>CAPITAL OUTLAY</u></b>				
Non-capitalized	-	10,000	-	3,000
<b>Total Capital Outlay</b>	<b>-</b>	<b>10,000</b>	<b>-</b>	<b>3,000</b>
<b>Total Expenditures</b>	<b>\$ 74,938</b>	<b>\$ 768,564</b>	<b>\$ 133,762</b>	<b>\$ 737,744</b>



**Department Summary**

<b>Expenditure Detail:</b>	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b><u>MAINTENANCE</u></b>				
Maintenance and Repairs-BSIF	\$ 2,325	\$ 3,000	\$ 2,000	\$ 3,000
<b>Total Maintenance</b>	<u>2,325</u>	<u>3,000</u>	<u>2,000</u>	<u>3,000</u>
<b><u>OTHER SERVICES &amp; CHARGES</u></b>				
Insurance		-	-	15,000
Utilities-BSIF	778	1,500	750	1,000
<b>Total Other Services &amp; Charges</b>	<u>778</u>	<u>1,500</u>	<u>750</u>	<u>16,000</u>
<b>Total Expenditures</b>	<u>\$ 3,103</u>	<u>\$ 4,500</u>	<u>\$ 2,750</u>	<u>\$ 19,000</u>

Hidalgo County Regional Mobility Authority  
DEBT SERVICE FUND  
Senior Lien Vehicle Registration Fee Revenue Bonds Series 2020A and 2020B  
Fund Balance Summary  
For Year Ending December 31, 2025

www.hcrma.net



	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b>Beginning Fund Balance</b>	\$ 225,506	\$ 258,006	\$ 336,827	\$ 395,827
<b>Revenues:</b>				
<b>Interest</b>	37,567	25,000	59,000	50,000
Total Revenues	37,567	25,000	59,000	50,000
<b>Expenditures:</b>				
Principal	815,000	2,325,000	2,325,000	2,345,000
Interest and Fee Expenses	1,654,854	1,648,317	1,648,317	1,625,904
Total Debt Service Expenditures	2,469,854	3,973,317	3,973,317	3,970,904
Total Expenditures	2,469,854	3,973,317	3,973,317	3,970,904
<b>Other Financing Sources:</b>				
Transfer-in General Fund	2,543,608	3,973,317	3,973,317	3,970,904
Total Other Financing Sources	2,543,608	3,973,317	3,973,317	3,970,904
<b>Ending Fund Balance</b>	\$ 336,827	\$ 283,006	\$ 395,827	\$ 445,827

Hidalgo County Regional Mobility Authority  
DEBT SERVICE FUND  
Senior Lien Revenue Bond, Taxable Series 2022A  
Fund Balance Summary  
For Year Ending December 31, 2025

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	<u>Actual 2023</u>	<u>Budget 2024</u>	<u>Estimated 2024</u>	<u>Budget 2025</u>
<b>Beginning Fund Balance</b>	\$ 7,463,310	\$ 4,164,391	\$ 7,170,291	\$ 4,064,391
<b>Revenues:</b>				
Interest	<u>273,168</u>	<u>200,000</u>	<u>190,000</u>	<u>100,000</u>
Total Revenues	<u>273,168</u>	<u>200,000</u>	<u>190,000</u>	<u>100,000</u>
<b>Expenditures:</b>				
Interest Expense	<u>3,270,869</u>	<u>3,295,900</u>	<u>3,295,900</u>	<u>3,295,900</u>
Total Debt Service Expenditures	<u>3,270,869</u>	<u>3,295,900</u>	<u>3,295,900</u>	<u>3,295,900</u>
<b>Ending Fund Balance</b>	<u><u>\$ 4,465,609</u></u>	<u><u>\$ 1,068,491</u></u>	<u><u>\$ 4,064,391</u></u>	<u><u>\$ 868,491</u></u>

Hidalgo County Regional Mobility Authority  
DEBT SERVICE FUND  
Junior Lien Revenue Bond, Taxable Series 2022B (1)  
Fund Balance Summary  
For Year Ending December 31, 2025

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	<u>Actual</u> 2023	<u>Budget</u> 2024	<u>Estimated</u> 2024	<u>Budget</u> 2025
<b>Beginning Fund Balance</b>	\$ 1,545,922	\$ 1,539,439	\$ 119,248	\$ (297,094)
<b>Revenues:</b>				
Interest	<u>51,676</u>	<u>50,000</u>	<u>12,000</u>	<u>10,000</u>
Total Revenues	<u>51,676</u>	<u>204,000</u>	<u>12,000</u>	<u>10,000</u>
<b>Expenditures:</b>				
Interest Expense	<u>1,478,350</u>	<u>1,478,350</u>	<u>1,478,350</u>	<u>1,478,350</u>
Total Debt Service Expenditures	<u>1,478,350</u>	<u>1,478,350</u>	<u>1,478,350</u>	<u>1,478,350</u>
<b>Other Financing Sources:</b>				
Transfer-in General Fund	-	-	310,833	-
Interfund transfer-Other	<u>-</u>	<u>-</u>	<u>739,175</u>	<u>1,765,444</u>
Total Other Financing Sources	<u>-</u>	<u>-</u>	<u>1,050,008</u>	<u>1,765,444</u>
<b>Ending Fund Balance</b>	<u><u>\$ 119,248</u></u>	<u><u>\$ 265,089</u></u>	<u><u>\$ (297,094)</u></u>	<u><u>\$ -</u></u>

(1) Source of Funds:  
Debt Service Account and Jr. Lien Bonds Account

Hidalgo County Regional Mobility Authority  
 CAPITAL PROJECT FUND BUDGET  
 Constuction Tollway 365 Project  
 Fund Balance Summary  
 For Year Ending December 31, 2025

www.hcrma.net



	Actual 2023	Budget 2024	Estimated 2024	Budget 2025
<b>Beginning Fund Balance</b>	\$ 111,906,865	\$ 105,169,704	\$ 66,347,688	\$ 19,590,688
<b>Revenues:</b>				
TxDOT Grant (1)	-	82,000,000	-	-
Interest	3,581,795	2,000,000	2,000,000	1,000,000
<b>Total Revenues</b>	<u>3,581,795</u>	<u>84,000,000</u>	<u>2,000,000</u>	<u>1,000,000</u>
<b>Expenditures:</b>				
CONSULTING AND ENGINEERING	2,428,903	1,900,000	3,200,000	1,600,000
SH 365-ENVIROMENTAL	47,560	28,000	225,000	-
SH365-ROW	69,648	100,000	40,000	250,000
PROFESSIONAL SERVICES	176,563	180,000	220,000	200,000
ACQUISITIONS	27,300	-	-	-
365 PROJECT CONSTRUCTION A	42,958,964	120,000,000	44,000,000	107,000,000
365 PROJECT CONSTRUCTION B	1,954,262	-	-	-
365 TOLLWAY SYSTEM	1,477,772	7,200,000	1,072,000	7,000,000
<b>Total Expenditures</b>	<u>49,140,972</u>	<u>129,408,000</u>	<u>48,757,000</u>	<u>116,050,000</u>
Interfund transfer-Other	-	-	-	95,459,312
<b>Ending Fund Balance</b>	<u>\$ 66,347,688</u>	<u>\$ 59,761,704</u>	<u>\$ 19,590,688</u>	<u>\$ -</u>

(1) Grant reimbursements are deposited in a different fund.

(2) From capital imprv. fund

Hidalgo County Regional Mobility Authority  
 CAPITAL IMPROVEMENT FUND BUDGET  
 Fund Balance Summary  
 For Year Ending December 31, 2025



Budget  
 2025

<b>Beginning Fund Balance</b>		\$ 119,000,000
 <b>Revenues:</b>		
TxDOT Grant		55,000,000
Interest		1,000,000
		<hr/>
Total Revenues		56,000,000
		<hr/>
 <b>Expenditures:</b>		
Environmental Clearance-Section A		500,000
Environmental Clearance-Section E		500,000
		<hr/>
Total Expenditures		1,000,000
		<hr/>
 <b>Other Financing Sources (Uses):</b>		
Transfer-out capital projects(365)		95,459,312
		<hr/>
Total Other Financing Uses		95,459,312
		<hr/>
<b>Ending Fund Balance</b>		<u><u>\$ 78,540,688</u></u>

Item 3C

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	AGENDA ITEM	<u>  3C  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u> 12/10/2024 </u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u> 12/17/2024 </u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-49 – ADOPTION OF THE 2025-2029 STRATEGIC PLAN UPDATE FOR THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY LOOP SYSTEM.**
  
2. Nature of Request: (Brief Overview) Attachments:   X   Yes     No  
Consideration and Approval of 2025-2029 Strategic Plan Update for the HCRMA Loop System.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:     Yes     No   X   N/A
  
5. Staff Recommendation: **Motion to approve Resolution 2024-49 Strategic Plan Update for the Hidalgo County Regional Mobility Authority Loop System, as presented.**
  
6. Program Manager’s Recommendation:     Approved     Disapproved   X   None
  
7. Planning Committee’s Recommendation:     Approved     Disapproved   X   None
  
8. Board Attorney’s Recommendation:     Approved     Disapproved   X   None
  
9. Chief Auditor’s Recommendation:     Approved     Disapproved   X   None
  
10. Chief Financial Officer’s Recommendation:     Approved     Disapproved   X   None
  
10. Chief Development Engineer’s Recommendation:     Approved     Disapproved   X   None
  
11. Chief Construction Engineer’s Recommendation:     Approved     Disapproved   X   None
  
12. Executive Director’s Recommendation:   X   Approved     Disapproved     None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION NO. 2024-49

ADOPTION OF 2025-2029 STRATEGIC PLAN UPDATE FOR THE  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY LOOP SYSTEM

THIS RESOLUTION is adopted this 17th day of December 2024 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act"); and

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County; and

WHEREAS, on March 28, 2012, the Authority approved the 2012-2017 Strategic Plan - Project Manager Strategy No. 8, which included SH 365 with a four (4) lane roadway and no bridge structure over the Anzalduas Bridge from the limits of US 281/Military Highway to FM 396; and

WHEREAS, on October 18, 2012, the Authority amended the 2012-2017 Strategic Plan - Project Manager Strategy No. 8 adding approximately 3.15 miles of roadway to the SH 365 project from FM 396 to FM 1016; and

WHEREAS, on October 16, 2013, the Authority amended the 2012-2017 Strategic Plan - Program Manager Strategy No. 8 to include the Program Manager recommendation scenario 3 of the Value Engineering Study for the State Highway 365 Project with an estimated saving of \$23.73 million for the project; and

WHEREAS, on March 19, 2014, the Authority adopted Scenario 3 of the Value Engineering Study recommendations for the International Bridge Trade Corridor Project with an estimated saving of \$57.26 Million and updated the 2015-2019 Strategic Plan as required by Chapter 370 of the Texas Transportation Code biannually; and

WHEREAS, on September 24, 2014, the Authority accepted the Investment Grade Traffic & Revenue projections for the State Highway 365, International Bridge Trade Corridor and State Highway 68 Project to be incorporated into the 2015-2019 Strategic Plan Update;

WHEREAS, on September 24, 2014, the Authority approved the 2015-2019 Strategic Plan Update that incorporates the Investment Grade Traffic & Revenue projections provided by C&M Associates dated September 11, 2014; and

WHEREAS, on December 20, 2016, the Authority approved the 2017-2021 Strategic Plan as required by Chapter 370 of the Texas Transportation Code biannually;

WHEREAS, on December 11, 2018 the Authority approved the 2019-2023 Strategic Plan as required by Chapter 370 of the Texas Transportation Code biannually;

WHEREAS, the Authority finds it necessary to approve Resolution 2024-49 Adoption of 2025-2029 Strategic Plan Update for the Hidalgo County Regional Mobility Authority Loop System as required by Chapter 370 of the Texas Transportation Code biannually;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby updates and adopts the 2025-2029 Strategic Plan Update for the HCRMA Projects hereto attached as Exhibit A.

\*\*\*\*\*

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS AND THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING duly posted and noticed, on the 17<sup>th</sup> day of December 2024, at which meeting a quorum was present.

---

Robert L. Lozano, Chairman

---

Juan Carlos Del Angel, Secretary/Treasurer

EXHIBIT A  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY  
2025-2029 STRATEGIC PLAN UPDATE  
DATED DECEMBER 17, 2024



# HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

## HCRMA Board of Directors

- Robert L. Lozano - Chairman**
- Ezequiel Reyna, JR., Vice Chairman**
- Juan Carlos Del Angel, Secretary/Treasurer**
- Gabriel Kamel, Director**
- Francisco "Frank" Pardo, Director**
- Sergio Saenz, Director**
- Michael J. Williamson, Director**

## HCRMA Staff

- Pilar Rodriguez, PE, Executive Director**
- Ramon Navarro IV, PE, CFM, Chief Constr. Engineer**
- Celia Gaona, CIA, Chief Auditor/Compliance Officer.**
- Jose Castillo, Chief Financial Officer.**
- Ruben Alfaro, PE, CFM, Development Engineer**
- Sergio Mandujano, Constr. Records Keeper**
- Maria Alaniz, Program Coordinator**
- Ivonne Rodriguez, Program Coordinator**

## General Engineering Consultant

**HDR ENGINEERING, INC.**

# Strategic Plan Update 2025-2029

**UPDATED  
DECEMBER 2024**





**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

**HCRMA/TxDOT Strategic Interests in Hidalgo County Project**

- 0010 IBTC
- 0030 365 TOLL
- 0040 Segment A West
- 0050 US 83 Relief Route
- 0060 Section C
- 0070 SH 68
- 0080 Section E
- 0090 Section F
- I-69 Connector 2
- I-69 Connector 1

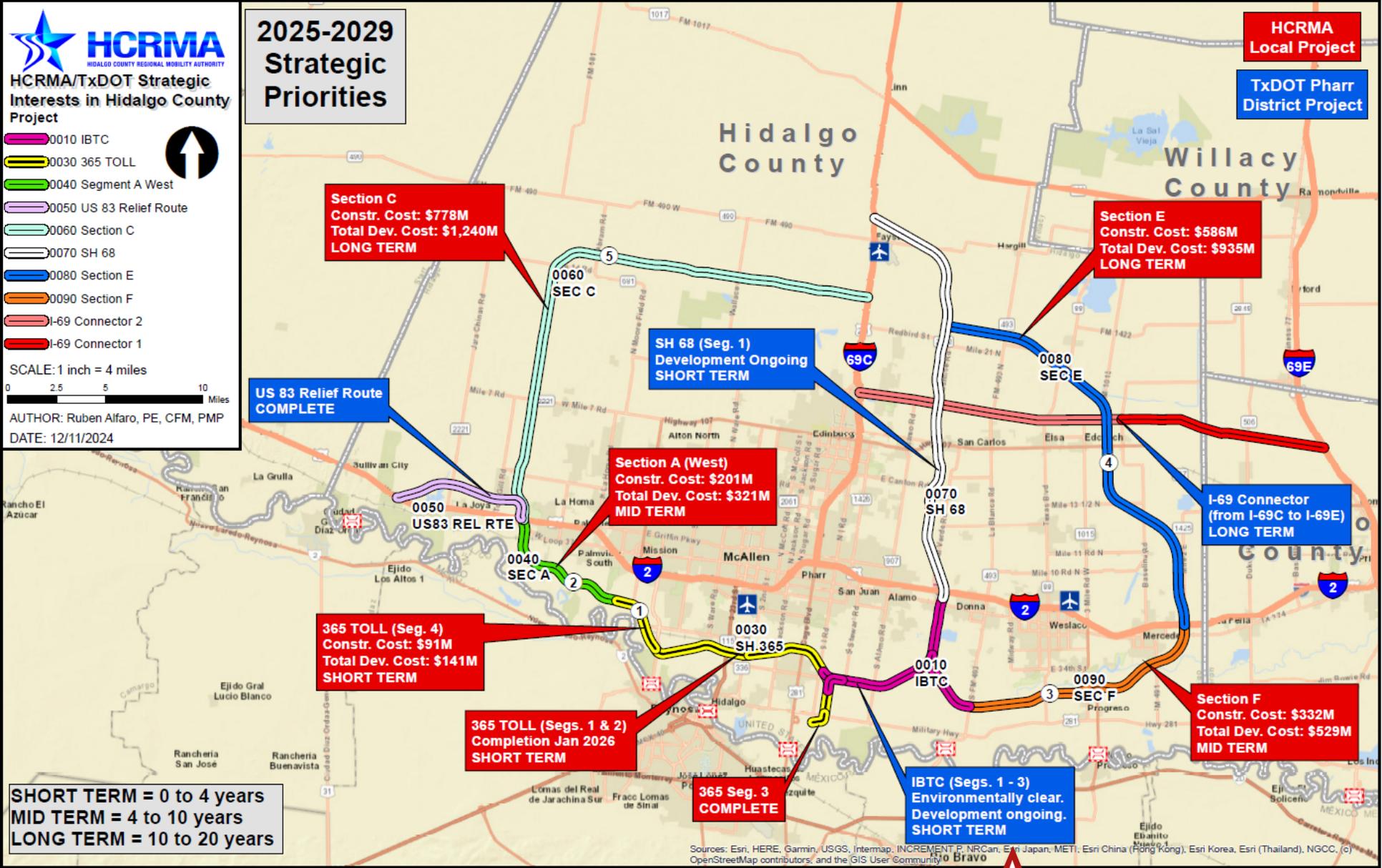
SCALE: 1 inch = 4 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
DATE: 12/11/2024

# 2025-2029 Strategic Priorities

**HCRMA Local Project**

**TxDOT Pharr District Project**



SHORT TERM = 0 to 4 years  
MID TERM = 4 to 10 years  
LONG TERM = 10 to 20 years

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

**HCRMA/TxDOT Strategic Interests in Hidalgo County Project**

- 0010 IBTC
- 0030 365 TOLL
- 0040 Segment A West
- 0050 US 83 Relief Route
- 0060 Section C
- 0070 SH 68
- 0080 Section E
- 0090 Section F
- I-69 Connector 2
- I-69 Connector 1

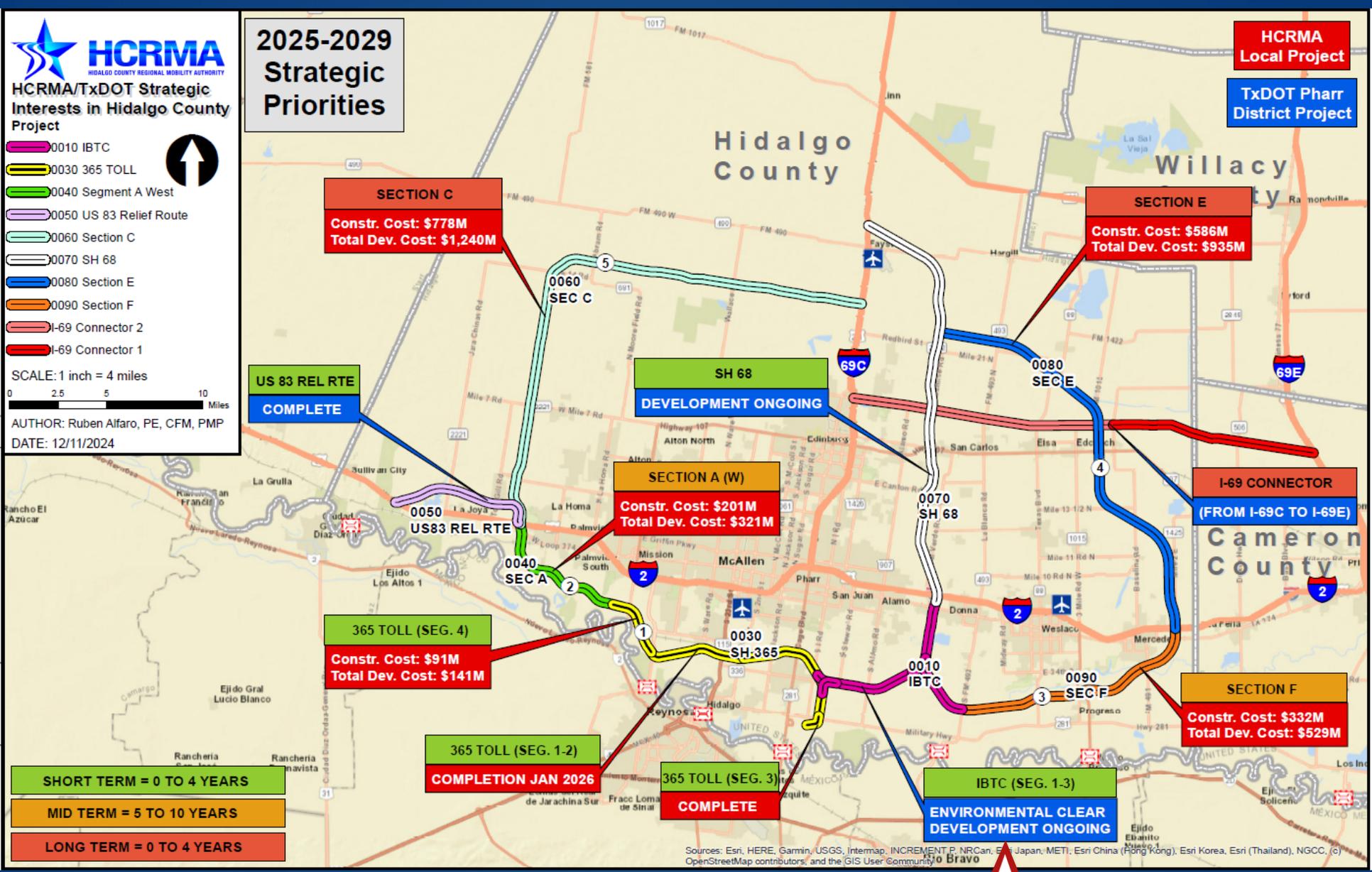
SCALE: 1 inch = 4 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
DATE: 12/11/2024

**2025-2029 Strategic Priorities**

**HCRMA Local Project**

**TxDOT Pharr District Project**



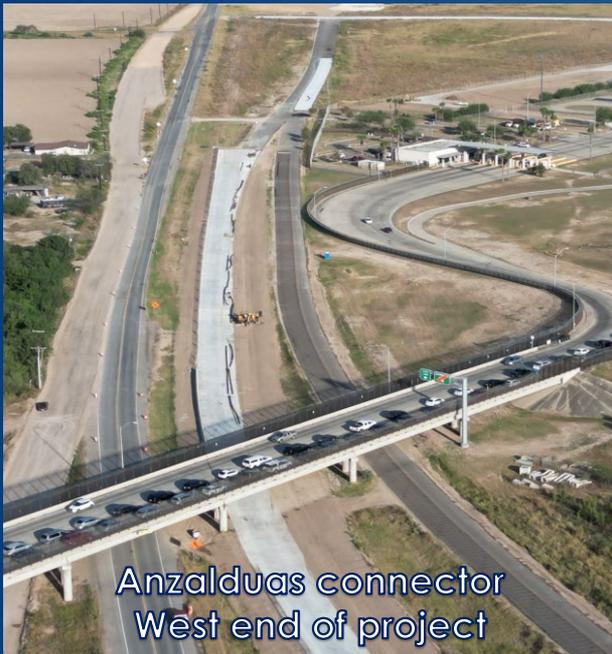
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



# 365 TOLL SEGMENTS 1 & 2



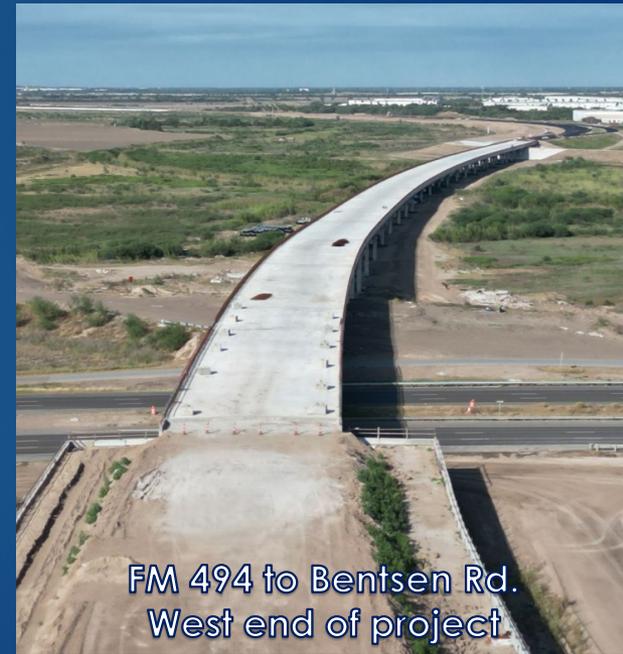
- ❑ Project construction completion expected November 2025.
- ❑ As of December 2024, project is 55% complete.
- ❑ Major floodway bridge and floodway levee relocation completed.



Anzalduas connector  
West end of project



FM 494 to Bentsen Rd.  
West end of project



FM 494 to Bentsen Rd.  
West end of project

## IBTC UPDATES

- ❑ Environmental Clearance achieved
- ❑ Schematic Approved
- ❑ Successfully transitioned project to TxDOT
- ❑ Fully funded for construction by TxDOT
- ❑ PS&E Contract to be executed December 2024

## I-69 CONNECTOR UPDATES

- ❑ TxDOT Public Scoping meeting tentatively scheduled for January 2025.
- ❑ TxDOT funded schematic in progress.
- ❑ TxDOT funded environmental phase in progress.

## SH 68 UPDATES

- ❑ TxDOT is in the final stages of environmental phase. Expected to be environmentally clear by summer 2025 (ROD).
- ❑ Schematic design in progress by TxDOT (95% complete).



Project

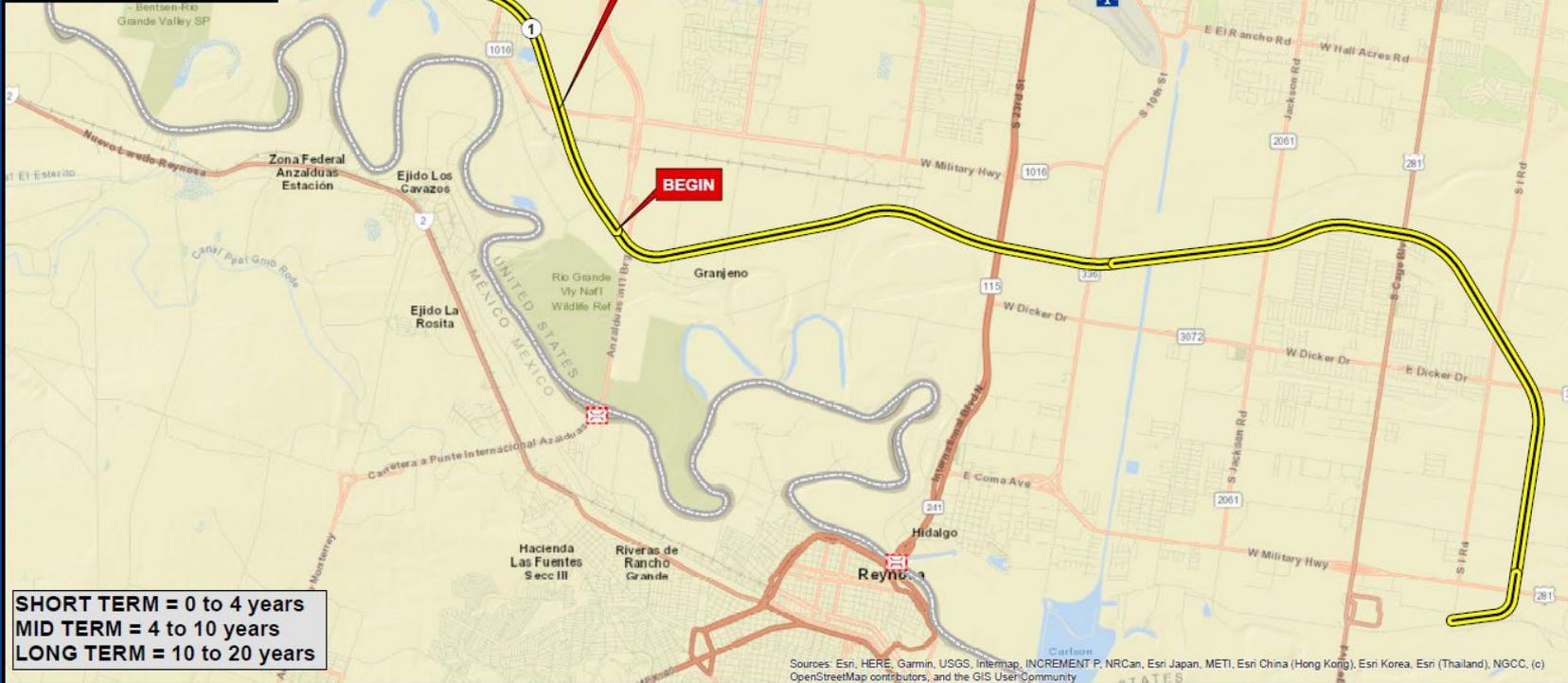
0030 365 TOLL



SCALE: 1 inch = 1 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP

DATE: 10/9/2024



# 365 TOLL SEGMENT 4



# 365 TOLL SEGMENT 4



## PROJECT LIMITS:

FROM: FM 1016/CONWAY AVE.

TO: FM 396/ANZALDUAS HIGHWAY

LENGTH: 3.47 MILES

ESTIMATED COST: \$140,681,600.00

PROPOSED LETTING DATE: FY 2029

## NEXT STEPS:

- ▶ ENVIRONMENTAL REFRESHER
- ▶ ROW ACQUISITION
- ▶ PS&E DEVELOPMENT

## CHALLENGES:

- ▶ FUNDING TBD

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$1,353,300.00
PRELIMINARY ENGINEERING	\$1,353,300.00
FINAL DESIGN	\$6,315,400.00
ROW ACQUISITION	\$25,200,000.00
UTILITY RELOCATION	\$4,511,000.00
CONSTRUCTION	\$94,731,000.00
CONSTRUCTION MANAGEMENT	\$7,217,600.00
TOTAL DEVELOPMENT COST	\$140,681,600.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

1



Project

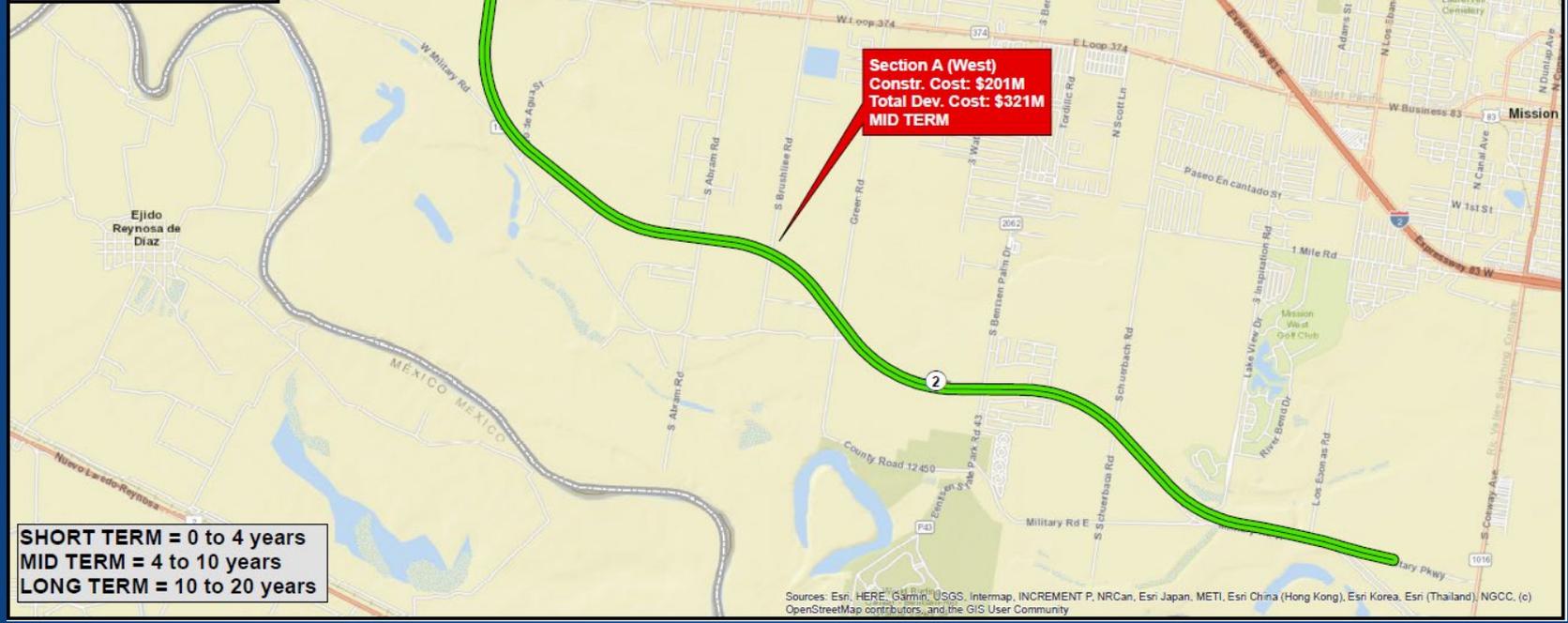
0040 Segment A West

SCALE: 1 inch = 1 miles



0 0.3 0.6 1.2 Miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
 DATE: 10/9/2024



**SHORT TERM = 0 to 4 years**  
**MID TERM = 4 to 10 years**  
**LONG TERM = 10 to 20 years**

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# SECTION A (WEST)

# SECTION A (WEST)



## PROJECT LIMITS:

FROM: I-2, 0.8 MILES WEST OF SHOWERS RD.

TO: FM 1016/CONWAY AVE.

LENGTH: 7.73 MILES

ESTIMATED COST: \$320,538,700.00

PROPOSED LETTING DATE: FY 2033

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ CURRENT ROUTE PRESENTS SEVERAL RESIDENTIAL DISPLACEMENTS
- ▶ CURRENT ROUTE TRAVERSES FEDERALLY PROTECTED LAND

## **COST BREAKDOWN:**

MANAGEMENT SUPPORT	\$3,014,700.00
PRELIMINARY ENGINEERING	\$10,049,000.00
FINAL DESIGN	\$14,068,600.00
ROW ACQUISITION	\$56,250,000.00
UTILITY RELOCATION	\$10,049,000.00
CONSTRUCTION	\$211,029,000.00
CONSTRUCTION MANAGEMENT	\$16,078,400.00
TOTAL DEVELOPMENT COST	\$320,538,700.00

## **PROPOSED FUNDING:**

- ▶ TOLL REVENUE BONDS

PRIORITY

2



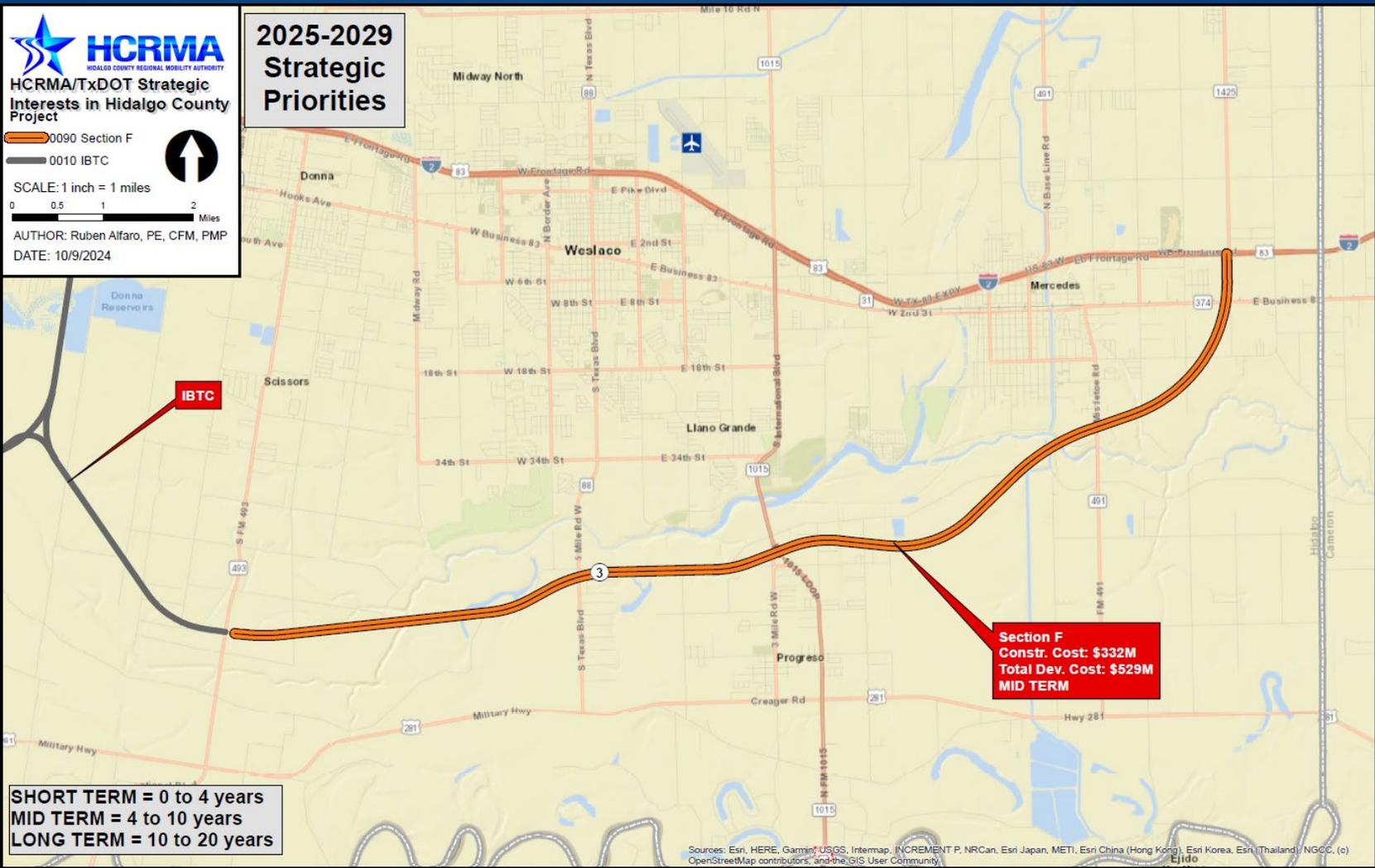
0090 Section F  
 0010 IBTC



SCALE: 1 inch = 1 miles



AUTHOR: Ruben Alfaro, PE, CFM, PMP  
 DATE: 10/9/2024



# SECTION F

# SECTION F

## PROJECT LIMITS:

FROM: IBTC, EAST CONNECTOR

TO: 1-2, ~1 MILES EAST OF MILE 1 EAST

LENGTH: 12.75 MILES

ESTIMATED COST: \$528,622,500.00

PROPOSED LETTING DATE: FY 2035

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$4,972,500.00
PRELIMINARY ENGINEERING	\$16,575,000.00
FINAL DESIGN	\$23,205,000.00
ROW ACQUISITION	\$92,700,000.00
UTILITY RELOCATION	\$16,575,000.00
CONSTRUCTION	\$348,075,000.00
CONSTRUCTION MANAGEMENT	\$26,520,000.00
TOTAL DEVELOPMENT COST	\$528,622,500.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

3



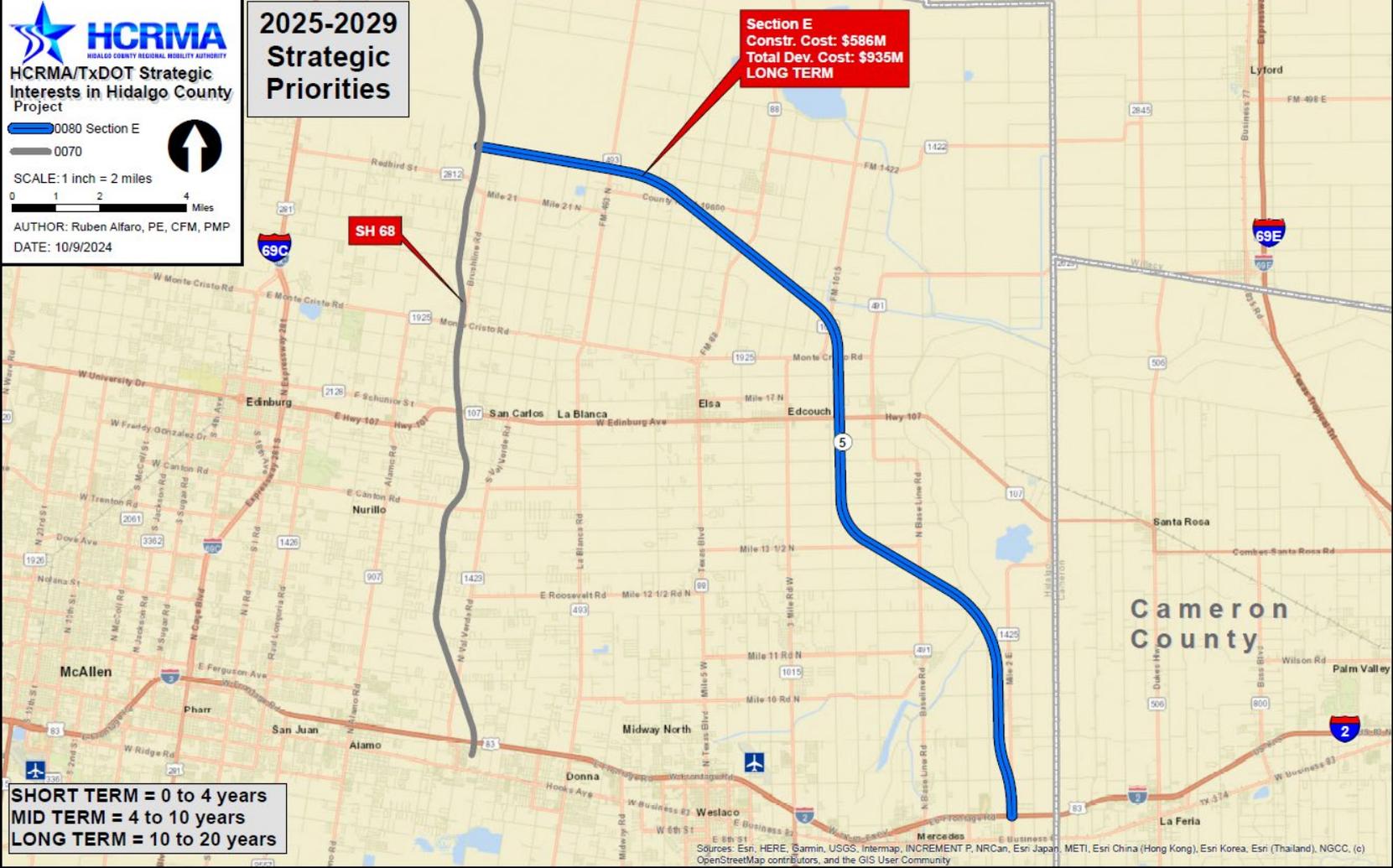
0080 Section E  
 0070

SCALE: 1 inch = 2 miles

AUTHOR: Ruben Alfaro, PE, CFM, PMP  
 DATE: 10/9/2024

**Section E**  
 Constr. Cost: \$586M  
 Total Dev. Cost: \$935M  
**LONG TERM**

**SH 68**



**SHORT TERM = 0 to 4 years**  
**MID TERM = 4 to 10 years**  
**LONG TERM = 10 to 20 years**

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# SECTION E

# SECTION E

## PROJECT LIMITS:

FROM: I-2, ~1 MILES EAST OF MILE 1 EAST

TO: SH 68, ~0.88 MILES NORTH OF FM 2812

LENGTH: 22.53 MILES

ESTIMATED COST: \$934,100,700.00

PROPOSED LETTING DATE: FY 2037

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## COST BREAKDOWN:

MANAGEMENT SUPPORT	\$8,786,700.00
PRELIMINARY ENGINEERING	\$29,289,000.00
FINAL DESIGN	\$41,004,600.00
ROW ACQUISITION	\$163,800,000.00
UTILITY RELOCATION	\$29,289,000.00
CONSTRUCTION	\$615,069,000.00
CONSTRUCTION MANAGEMENT	\$46,862,400.00
TOTAL DEVELOPMENT COST	\$934,100,700.00

## PROPOSED FUNDING:

- ▶ TOLL REVENUE BONDS

PRIORITY

4





# SECTION C

## PROJECT LIMITS:

FROM: I-2, 0.8 MILES WEST OF SHOWERS RD.

TO: I-69C, 0.6 MILES SOUTH OF FM 162

LENGTH: 29.89 MILES

ESTIMATED COST: \$1,239,289,100.00

PROPOSED LETTING DATE: FY 2039

## NEXT STEPS:

- ▶ EXECUTE ENVIRONMENTAL CLEARANCE CONTRACT AND BEGIN PROCESS
- ▶ DEFINE FINAL ROUTE AS PART OF PROCESS

## CHALLENGES:

- ▶ TO BE DETERMINED BASED ON FINAL ROUTE

## **COST BREAKDOWN:**

MANAGEMENT SUPPORT	\$11,657,100.00
PRELIMINARY ENGINEERING	\$37,857,000.00
FINAL DESIGN	\$54,399,800.00
ROW ACQUISITION	\$217,350,000.00
UTILITY RELOCATION	\$38,857,000.00
CONSTRUCTION	\$815,997,000.00
CONSTRUCTION MANAGEMENT	\$62,171,200.00
TOTAL DEVELOPMENT COST	\$1,239,289,100.00

## **PROPOSED FUNDING:**

- ▶ TOLL REVENUE BONDS

PRIORITY

5



# HCRMA PRIORITY LIST

PRIORITY	PROJECT	ESTIMATED LETTING YEAR
1	365 TOLL SEGMENT 4	2029
2	365 TOLL SECTION A (WEST)	2033
3	SECTION F	2035
4	SECTION E	2037
5	SECTION C	2039



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Item 3D

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

**AGENDA RECOMMENDATION FORM**

BOARD OF DIRECTORS	<u>  X  </u>	WORKSHOP ITEM	<u>  3D  </u>
PLANNING COMMITTEE	<u>          </u>	DATE SUBMITTED	<u>12/10/2024</u>
FINANCE COMMITTEE	<u>          </u>	MEETING DATE	<u>12/19/2024</u>
TECHNICAL COMMITTEE	<u>          </u>		

1. Agenda Item: **RESOLUTION 2024-52 – CONSIDERATION AND APPROVAL OF CHANGE ORDER NUMBER 14 TO THAT CERTAIN CONTRACT WITH PULICE CONSTUCTION, INC., FOR THE 365 TOLLWAY.**
  
2. Nature of Request: (Brief Overview) Attachments:  Yes     No  
Consideration and Approval of Change Order Number 14.
  
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
  
4. Budgeted:     Yes     No     N/A
  
5. Staff Recommendation: **Resolution 2024-52 – Consideration and approval of Change Order Number 14 to that certain contract with Pulice Construction, Inc., for the 365 Tollway, as presented.**
  
6. Program Manager’s Recommendation:     Approved     Disapproved     None
  
7. Planning Committee’s Recommendation:     Approved     Disapproved     None
  
8. Board Attorney’s Recommendation:     Approved     Disapproved     None
  
9. Chief Auditor’s Recommendation:     Approved     Disapproved     None
  
10. Chief Financial Officer’s Recommendation:     Approved     Disapproved     None
  
11. Development Engineer’s Recommendation:     Approved     Disapproved     None
  
12. Chief Construction Engineer’s Recommendation:  Approved     Disapproved     None
  
13. Executive Director’s Recommendation:     Approved     Disapproved     None



# Memorandum

To: PilarRodriguez, PE, Executive Director

From: Ramon Navarro IV, P.E., Chief Construction Engineer

Date: Dec. 11, 2024

Re: **2024-52: CONSIDERATION AND APPROVAL OF CHANGE ORDERS NUMBER 14 TO THAT CERTAIN CONSTRUCTION CONTRACT WITH PULICE CONSTRUCTION, INC. FOR THE 365 TOLLWAY.**

## GOAL

We are seeking Boards authorization to execute CO#14. This would direct Pulice to remove current pre-casted junction boxes /manholes and replace with monolithic cast-in-place structures.

## BACKGROUND

HCRMA, HDR, Pulice Construction Inc. and HCID#2 have been negotiating various items since the implementation of the project. The HCRMA and HCID#2 have agreements in-place requiring concurrences to current plans, specifications, and implemented changes. HCID#2 is demanding immediate cost, scheduling impactive changes throughout project. After proposing various alternatives HCID#2 remains steadfast on implementing desired amendments to plans, specifications, and current agreements at no cost to them.

## Change Order No. 14

The scope of this change is to remove and replace the approved precast junction boxes for cast-in-place irrigation structures and to dispose the existing precast material. PCI has provided proposal for \$492,363.86 and requested a time extension as it will have a significant impact on a critical section of the project.

Item	Description	Unit	Unit Price	Original Qty	CO Qty	Revised Qty	CO Amount
0465-6011	JCTBOX(COMPL)(PJB)(6FTX6FT}	EA	\$ 10,118.07	2	-2	0	\$ (20,236.14}
0465-6012	JCTBOX(COMPL)(PJB)(8FTX8FT)	EA	\$ 19,000.00	5	-5	0	\$ (95,000.00)
	JCTBOX(CIP}	EA	\$ 66,000.00	0	7	7	\$ 462,000.00
	JCTBOX(Material/Partial Installation)	EA	\$ 13,300.00	0	7	7	\$ 93,100.00
	JCTBOX(Removal/Disposal)	EA	\$ 7,500.00	0	7	7	\$ 52,500.00

\$ 492,363.86

HCRMA staff and HDR recommend Board authorize the HCRMA Executive Director to execute the specifics on Change Order#14 final approval. Staff is currently negotiating particulars and anticipate a lower cost, assurance of compliance with the standard specifications included within the contract with no additional time. All is dependent upon acceptance from FHWA/TxDOT and HCRMA Legal's review of final form. Change Order establishes no State nor Federal monetary participation. Attached exhibits provide current assessment and breakdown.

**RECOMMENDATION:**

HCRMA staff and HDR recommend approval of Resolution 2024-52 authorizing Change Order #14 to that certain construction contract with Pulice Construction Inc. for the 365 Tollway Project. The sum of Change Order proves a m a x i m u m cost increase of \$492,363.86 to be fully paid by HCRMA, no State/Federal participation on costs; establishing a new revised contract price of \$287,335,648.95 with no additional time.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2024-52

**CONSIDERATION AND APPROVAL OF CHANGE ORDER NUMBER 14 TO THAT CERTAIN CONTRACT WITH PULICE CONSTRUCTION, INC. FOR THE 365 TOLLWAY.**

THIS RESOLUTION is adopted this 17th day of December, 2024 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act"); and

WHEREAS, on November 17, 2005, the Texas Transportation Commission (the "Commission") created the Authority pursuant to (i) the Act; (ii) Title 43, Texas Administrative Code; (iii) a petition of the Hidalgo County Commissioners Court (the "County"); and (iv) findings by the Commission that the creation of the Authority would result in certain direct benefits to the State of Texas (the "State"), local governments, and the traveling public and would improve the State's transportation system; and

WHEREAS, the Act allows the Authority to construct transportation projects within the County, including the 365 Tollway Project (the "Project"); and

WHEREAS, the Texas Department of Transportation approved the Project's final design, contract letting and award procedures, and form of construction contract, including a post-award value engineering change proposal process; and

WHEREAS, on August 8, 2021, August 11, 2021, August 15, 2021, August 18, 2021, August 22, 2021, and August 25, 2021 the Authority published a solicitation for Bid #2021-00 I for the 365 Tollway Project (Segments I and 2), Contract No. 0921-02-368 for the Project; and

WHEREAS, bids for the Project were submitted electronically via Civcast Bid System; the first bid was received at 2:27 p.m. on October 13, 2021, and the last bid was received at 2:51 pm on October 13, 2021; and

WHEREAS, at 3:05 p.m. on October 13, 2021, the Authority opened and read into the record three (3) formal sealed, electronic bids for the Project from: (i) Pulice Construction, Inc., (ii) Webber, LLC., and Anderson Columbia Co., Inc., in amounts ranging from \$295,932,420.25 to \$340,409,415.64 for construction of the Project; and

WHEREAS, Pulice Construction, Inc. provided the lowest Project bid in the amount of \$295,932,420.25; and

WHEREAS, on October 19, 2021 the Board approved Resolution 2021-46 conditionally awarding the construction contract of the 365 Toll Project to the lowest, responsive, and responsible bidder Pulice Construction, Inc. in the amount of \$295,932,420.25; and

WHEREAS, on November 10, 2021 the Board approved Resolution 2021-54, approving Change Order No. I to the construction contract with Pulice Construction Inc.; provided, there was no issuance of an NTP to Pulice Construction Inc. until a Value Engineering Proposal ("VECP") was approved by the Board of Directors and TxDOT to establish the financeability of the Project. If, after the VECP process, the Project scope was not deemed feasible and additional revenue was not available to fully fund the Project, no NTP would be issued and the Authority would have terminated the contract without incurring any additional costs other than those approved under Change Order No. I. The VECP is structured to identify concepts and function oriented techniques to improve the value of the Project, or any component thereof, including improvements to schedule, operating costs, constructability, and risk mitigation; without altering scope or environmental justices; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-78, authorizing the VECP proposals outlined in Exhibit A to Change Order No. 2 and the revising the contract amount to \$281,723,797.95; and, the Authority also authorized a contingency fund for the Project in the amount of \$5,000,000, and established a total overall Project cost of \$286,723,797.95;

WHEREAS, the Authority and the Board amended the Contract through Amendment No. I to capture the risk allocations and make other Contract clarifications in support of VECP; and

WHEREAS on April 19, 2022 the Authority approved Resolution 2022-36, consideration and approval of Change Order No 3 to that certain construction contract with Pulice Construction Inc. for the 365 Tollway Project, in order to further establish the VECP concepts and supporting details as provided in Exhibit A hereto;

WHEREAS on November 4, 2021 Pulice Construction Inc, expressed concern on Engineer of Record's scour reports and calculated foundation loads. Upon discussions, data collection and research, November 16, 2022, the HCRMA requested HDR[GEC] provide investigative recommendation.

WHEREAS on December 7, 2022 HOR provided review and supporting documentation in upsizing particular bent foundations at PCI proposal and costs;

WHEREAS, on January 24, 2023 the Authority approved Resolution 2023- 05, Change Order No 4 to the construction contract with Pulice Construction Inc. for the net cost increase of \$171,516.59, by removal of 1,524LF of Drill Shaft (42") and introducing 48" drill shafts to incorporate detailed, finalized quantities and unit costs; and establishes State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract; and,

WHEREAS, on July 25, 2023 the HCRMA Board approved Resolution 2023-30, Change Order No 5 to that certain construction contract with Pulice Construction Inc. for the 365 Tollway Project, Change Order No. 5 proves a net cost increase of \$4,325,130.78 to be fully paid by HCRMA [Owner]. Establishing a new revised contract price of \$286,220,445.32 with no additional time; and, incorporates detailed, finalized quantities and unit costs; and establishes State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract;

WHEREAS, on July 9, 2024 the Board's approved Resolution 2024- 27, for authorization of Change Orders number six (6) through thirteen (13) to that certain construction contract with Pulice Construction Inc. for the 365 Tollway Project. The sum of Change Orders proves a net cost increase of \$832,561.77 to be fully paid by HCRMA [Owner]. Establishing a new revised contract price of \$287,053,007.09 with no additional time; and, incorporates detailed, finalized quantities and unit costs; and establishes State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract. Attached exhibits provide current assessment and breakdown.

THEREFORE, for Board's consideration and approval is Resolution 2024- 52, for authorization of Change Orders number fourteen (14) to that certain construction contract with Pulice Construction Inc. for the 365 Tollway Project. The sum of Change Orders proves a maximum cost increase of \$492,363.86 to be fully paid by HCRMA [Owner]. Establishing a new revised contract price of \$287,335,648.95 with no additional time; and, incorporates detailed, finalized quantities and unit costs; and establishes no State/Federal participation on modified unit costs, assuring compliance with the standard specifications included within the contract. Attached exhibits provide current assessment and breakdown.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Change Orders No. 14 to the construction contract with Pulice Construction Inc. for the net cost increase of \$492,363.86.

Section 3. Construction of the 365 Toll Project in substantially final form as hereto detailed, establishing a unit bid construction amount of \$265,931,713.90, and an overall contract amount of \$287,335,648.95.

Section 4. Section 5. Upon final acceptance from FHWA/TxDOT and HCRMA Legal's review of final form; The Board hereby authorizes the Executive Director to execute the specific Change Order.

\*\*\*\*\*

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS AND THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING duly posted and noticed, on the 17<sup>th</sup> day of December 2024, at which meeting a quorum was present.

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Robert L. Lozano, Chairman

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Juan Carlos Del Angel, Secretary/Treasurer

## CHANGE ORDER PROPOSAL

October 10, 2024

OCN: Pulice-HCRMA-078

TO: Ramon Navarro, P.E., C.F.M.  
Chief Construction Engineer  
HC Regional Mobility Authority  
203 W. Newcombe Avenue  
Pharr, TX 78577

FROM: Rafael Carmona  
Project Manager  
Pulice Construction Inc.  
7902 S. 10<sup>th</sup> Street,  
McAllen, TX 78503

RE: **365 Toll Project (Seg 1 & 2) - CIP Junction Boxes for Irrigation**

**SCOPE:** The scope of this change is to adjust items related to the Junction Boxes for Irrigation.

**CHANGE JUSTIFICATION:** As requested by HCRMA this is to replace the approved precast junction boxes for irrigation with cast-in-place structures and to dispose the existing precast material.

**SPECIFICATIONS, PLANS OR OTHER DOCUMENTS REQUIRED:**

**CHANGE TO CONTRACT PRICE:** We're requesting additional compensation for these changes as detailed below.

Item	Description	Unit	Unit Price	Original Qty	CO Qty	Revised Qty	CO Amount
0465-6011	JCTBOX(COMPL)(PJB)(6FTX6FT)	EA	\$ 10,118.07	2	-2	0	\$ (20,236.14)
0465-6012	JCTBOX(COMPL)(PJB)(8FTX8FT)	EA	\$ 19,000.00	5	-5	0	\$ (95,000.00)
	JCTBOX(CIP)	EA	\$ 66,000.00	0	7	7	\$ 462,000.00
	JCTBOX(Material/Partial Installation)	EA	\$ 13,300.00	0	7	7	\$ 93,100.00
	JCTBOX(Removal/Disposal)	EA	\$ 7,500.00	0	7	7	\$ 52,500.00
							\$ 492,363.86

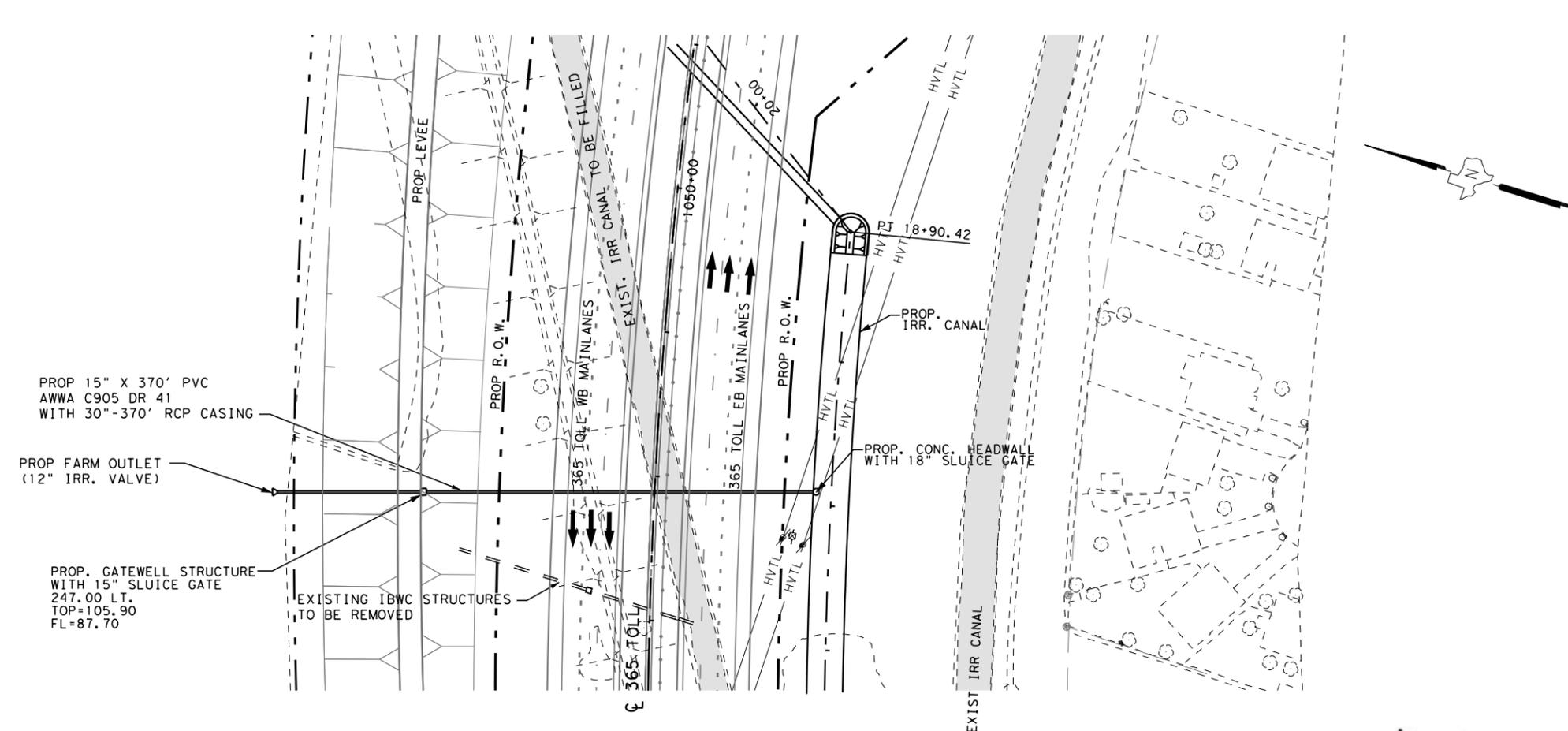
**CHANGE TO CONTRACT TIME:** This change order will require a time extension as it will have a significant impact on a critical section of the project. Pulice will evaluate according to HCRMA's specifications guidelines and will submit to the HCRMA a request for added time once it is known.

If you have any questions or need additional information, please contact me at (346) 324-0781.

Sincerely,

  
Project Manager  
Pulice Construction Inc.

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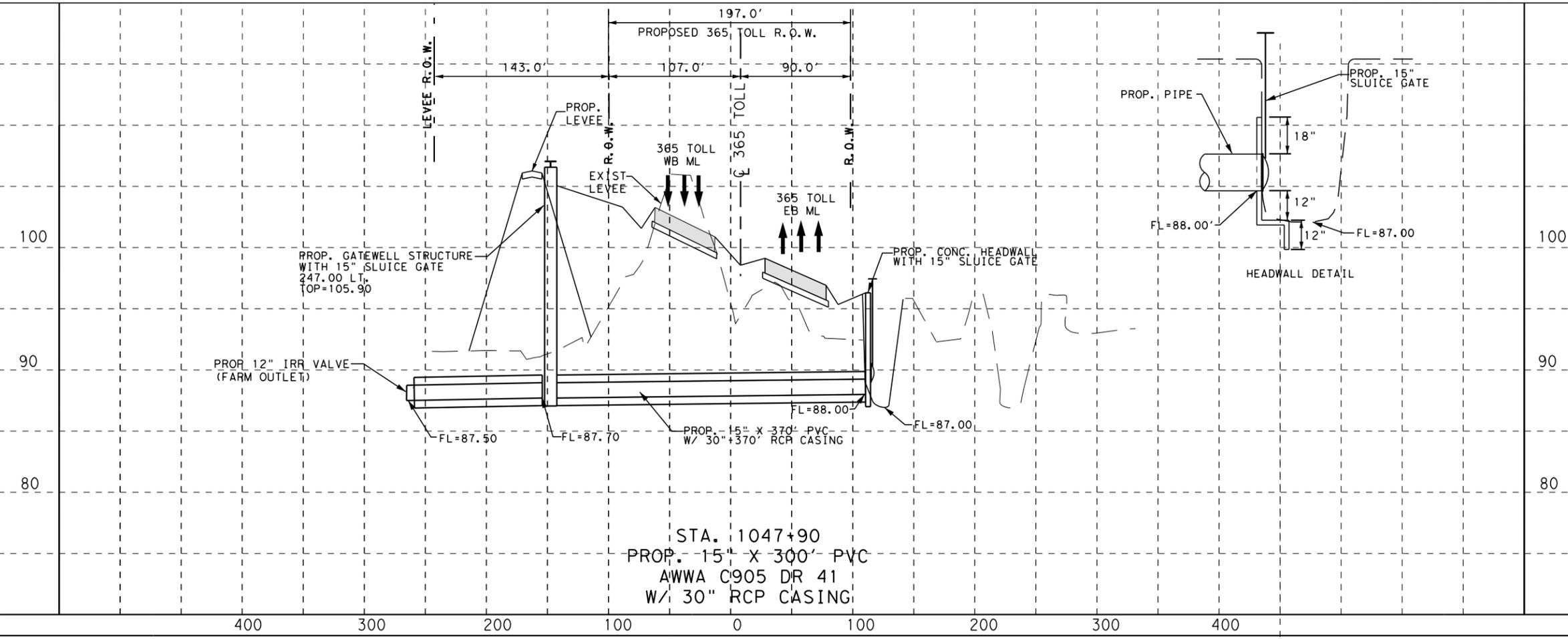
**SHEET SUMMARY**

ITEM	DESCRIPTION	UNIT	QUANTITY
1008	PRSSR IRR PVC PIPE (15")	LF	370
464	RCP CL III (30 IN)	EA	370
1007	IRR GATE (15") (SLUICE)	EA	2
HCRMA 08	CONCRETE GATE WELL STRUCTURE	EA	1
466	CONCRETE HEADWALL (CH-FW-0) 15 IN	EA	1
1007	IRR. VALVE (12") (FARM OUTLET)	EA	1

- LEGEND:**
- ⊗ NON-PAY, SUBSIDIARY TO PERTINENT BID ITEMS.
  - ★ TO BE REMOVED UNDER ITEM 496. INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES.
  - ⊙ NON-PAY ITEM. FOR CONTRACTORS' INFORMATION ONLY.
  - ⊕ THE CONTRACTOR SHALL CONFIRM THAT THE TOP ELEVATION ON THE PROPOSED STANDPIPE IS AT THE SAME ELEVATION AS THE EXISTING STANDPIPE

- NOTES:**
- THE CONTRACTOR WILL COORDINATE WITH H.C.I.D. NO.2 48 HOURS PRIOR TO COMMENCING ANY WORK AND PROVIDE SEQUENCE OF CONSTRUCTION STRUCTURES. SONNY HINOJOSA - (956)787-1422. SEE SHEET No. 1224C FOR CONC. COLLAR DETAILS.
  - THE CONTRACTOR SHALL CONFIRM THAT CONFLICTS WITH EXISTING UTILITIES HAVE BEEN RESOLVED IN ADVANCE OF CONSTRUCTION. DAMAGES CAUSED BY OR TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  - ALL PVC ELBOWS, AND CONNECTIONS SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
  - PROPOSED INSTALLATION AND REMOVAL OF BERMS AND PUMPING WATER WILL BE SUBSIDIARY TO ITEM 464.

△Z REVISED 10/20/2017



**PROPOSED IRRIGATION STRUCTURE AT STA. 1047+90**

SCALE:  
 HOR: 1" = 100'  
 VER: 1" = 10'

SHEET 1 OF 1

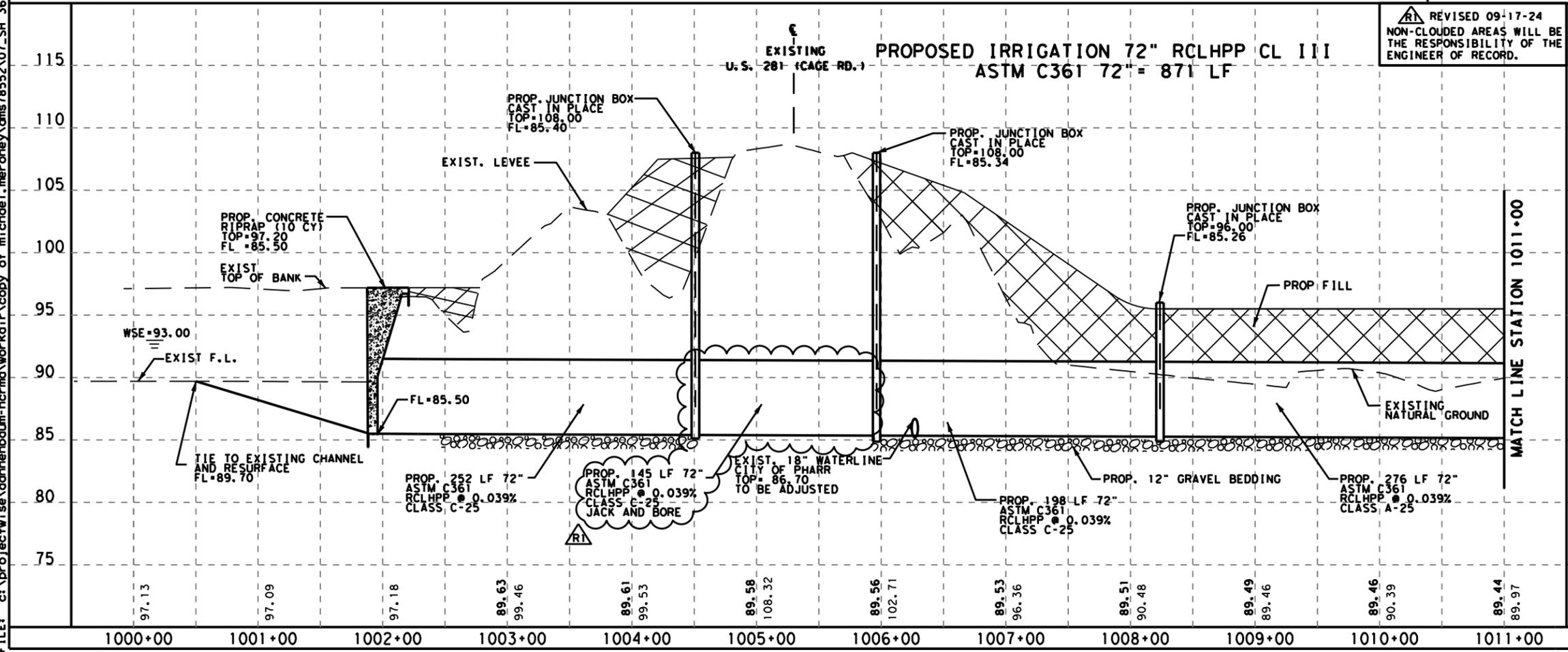
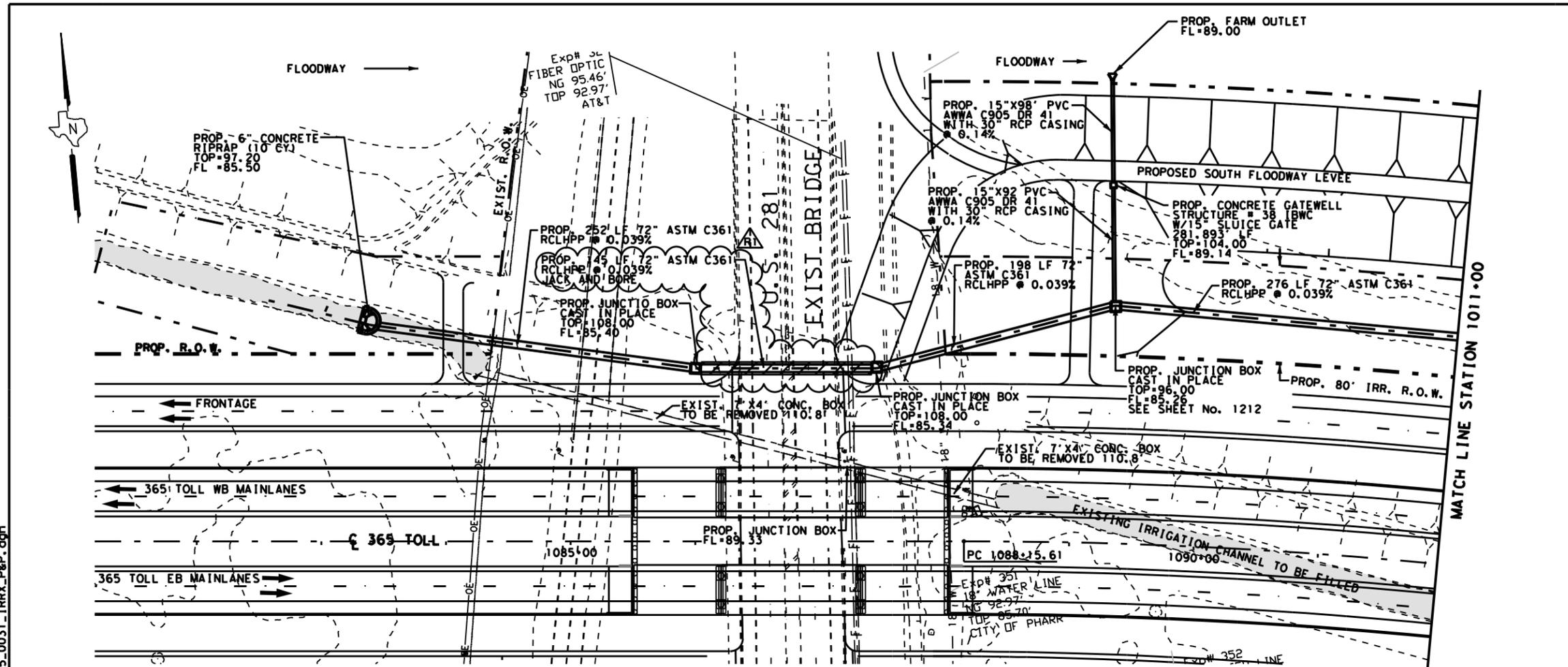
CONTRACT NO.	0921 02	SECTION	368	JOB	365 TOLL
DISTRICT	PHR	COUNTY	HIDALGO	SHEET NO.	1194

This sheet was not changed as part of the VECP design process and remains in its original IFC state.

SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
400	STRUCTURE EXCAV (SPECIAL) (12" GRAVEL)	CY	228
432	CONCRETE RIP RAP (6IN)	CY	10
465	JUNCTION BOX CAST IN PLACE	EA	3
466	CONCRETE HEADWALL (CH-FW-D) 15 IN	EA	1
HCRMA 08	CONCRETE GATE WELL STRUCTURE	EA	1
4021	RC LOW HEAD PRSSR PIPE 72 in	LF	871
1008	PRSSR IRR (PVC) PIPE 15"	LF	190
464	30" RCP CL III	EA	190
1007	IRR GATE (15") (SLUICE)	EA	1
476	JACK BORE OR TUN PIPE (12") (RC) (CL VI)	LF	100
1007	IRR VALVE (12") (FARM OUTLET)	EA	1

- LEGEND:**
- ⊗ NON-PAY, SUBSIDIARY TO PERTINENT BID ITEMS.
  - ⊛ TO BE REMOVED UNDER ITEM 496. INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES.
  - ⊙ NON-PAY ITEM, FOR CONTRACTORS' INFORMATION ONLY.
  - ⊕ THE CONTRACTOR SHALL CONFIRM THAT THE TOP ELEVATION ON THE PROPOSED STANDPIPE IS AT THE SAME ELEVATION AS THE EXISTING STANDPIPE

- NOTES:**
- THE CONTRACTOR WILL COORDINATE WITH H.C.I.D. NO. 2 48 HOURS PRIOR TO COMMENCING ANY WORK AND PROVIDE SEQUENCE OF CONSTRUCTION STRUCTURES. SONNY HINOJOSA - (956)787-1422. SEE SHEET NO. 1224C FOR CONC. COLLAR DETAILS.
  - THE CONTRACTOR SHALL CONFIRM THAT CONFLICTS WITH EXISTING UTILITIES HAVE BEEN RESOLVED IN ADVANCE OF CONSTRUCTION. DAMAGES CAUSED BY OR TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  - ALL PVC ELBOWS, AND CONNECTIONS SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
  - PROPOSED INSTALLATION AND REMOVAL OF BERMS AND PUMPING WATER WILL BE SUBSIDIARY TO ITEM 464.



REVISED 09-17-24  
 NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

HDR ENGINEERING INC.  
 F-754

**PROPOSED IRRIGATION STRUCTURE**  
 AT U.S. 281 (CAGE BLVD)  
 STA 1001+11 TO STA 1011+00

SCALE:  
 HOR: 1" = 100'  
 VER: 1" = 10'

SHEET 1 OF 3

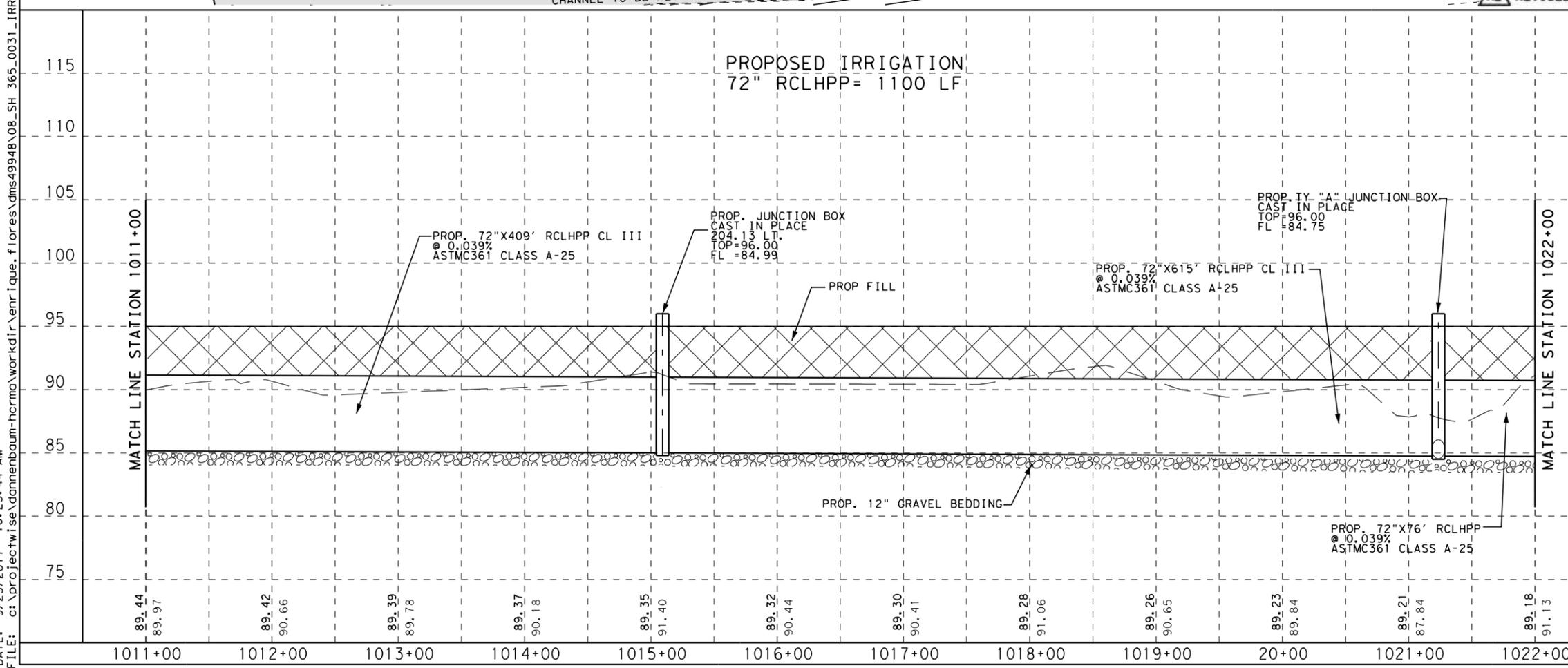
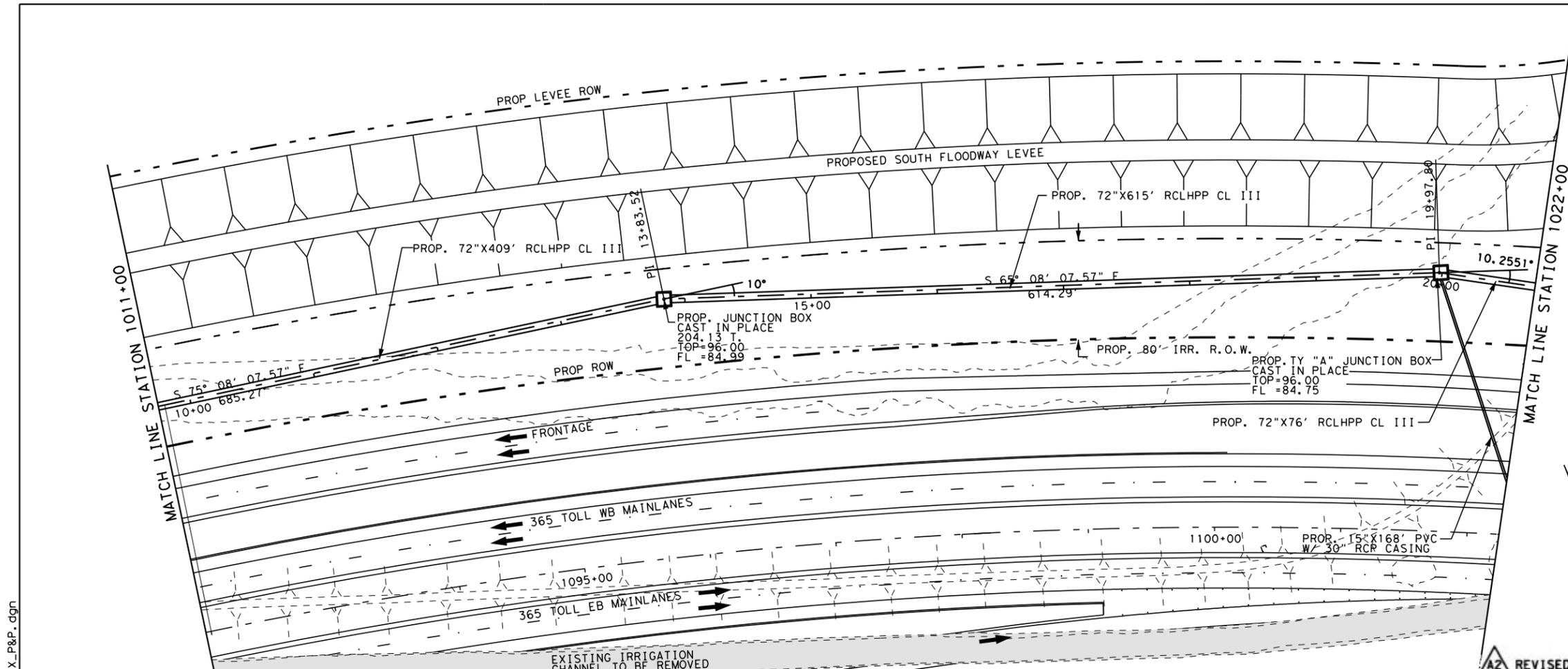
CONTRACT	0921	SECTION	02	JOB NO.	368	HIGHWAY	365 TOLL
DISTRICT	PHR	COUNTY	HIDALGO	SHEET NO.	1195		

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SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
465	JUNCTION BOX CAST IN PLACE	EA	2
4021	RC LOW HEAD PRSSR PIPE 72 in	LF	1100
400	STRUCT. EXCAVATION (SPECIAL) (12" GRAVEL)	CY	285

- LEGEND:**
- ⊗ NON-PAY, SUBSIDIARY TO PERTINENT BID ITEMS.
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**PROPOSED IRRIGATION STRUCTURE AT U.S. 281 STA 1011+00 TO STA 1022+00**

SCALE:  
 HOR: 1" = 100'  
 VER: 1" = 10'

CONT		JOB		HIGHWAY	
0921	02	368	365 TOLL		
DIST		COUNTY		SHEET NO.	
PHR	HIDALGO			1196	

SHEET 2 OF 3

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SHEET SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
464	CONCRETE RIPRAP (6")	CY	20
4021	RC LOW HEAD PRRSR PIPE 72"	LF	535
400	STRUCT. EXCAVATION (SPECIAL) (12 GRAVEL)	CY	139
466	CONCRETE HEADWALL (12")	EA	1

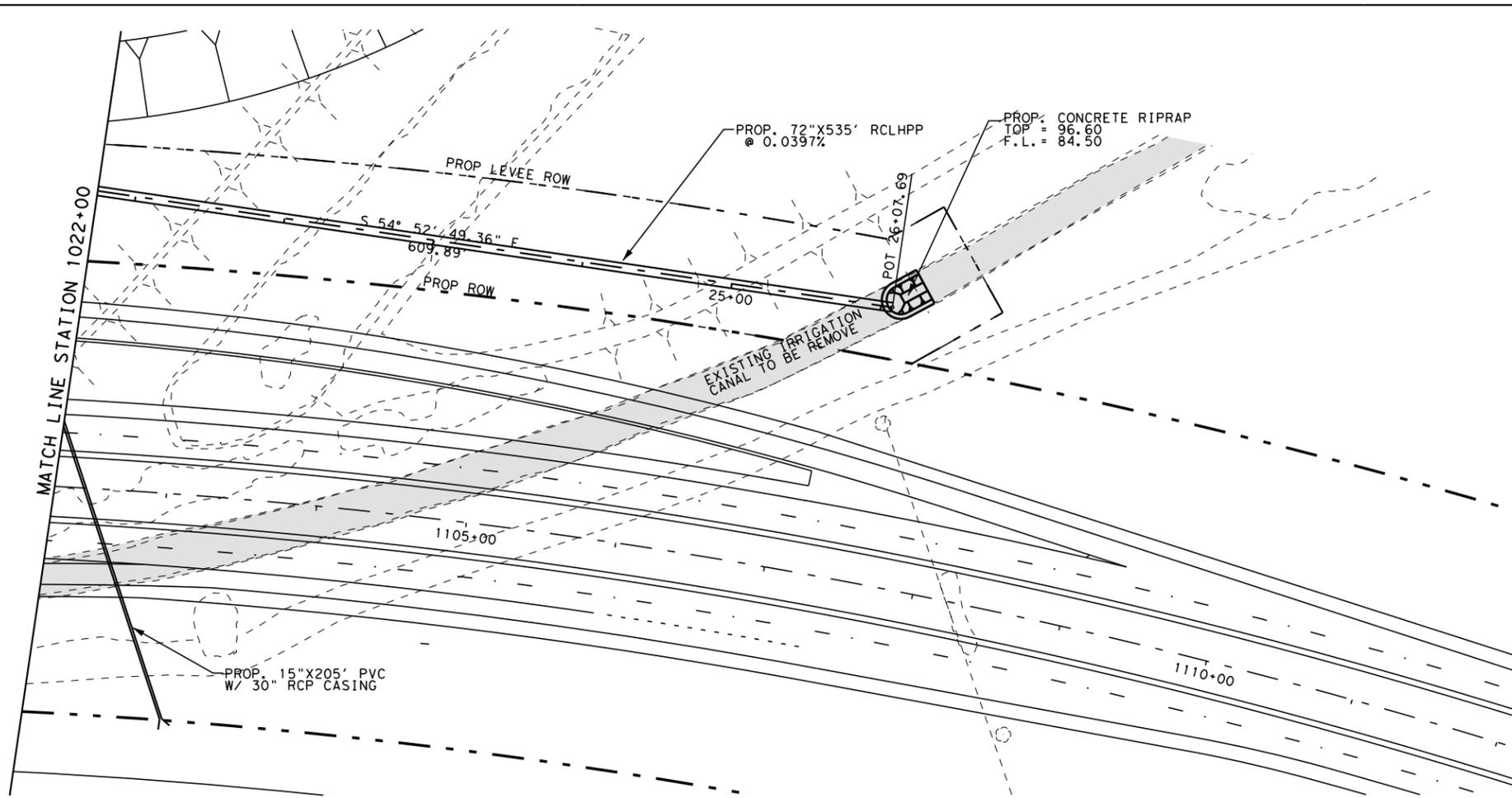
LEGEND:

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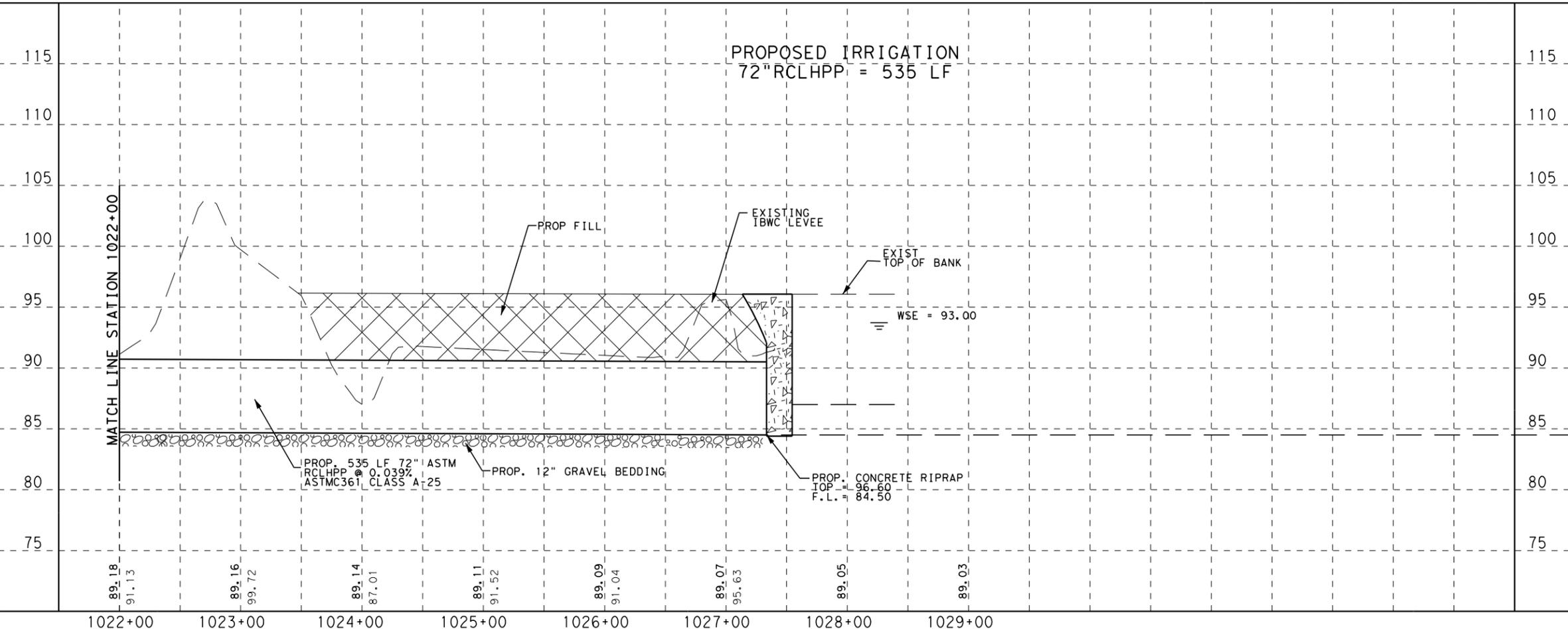
NOTES:

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△ REVISED 10/20/2017



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S&B INFRASTRUCTURE, LTD.  
TEXAS BOARD OF PROFESSIONAL ENGINEERS #: F-1582

**PROPOSED IRRIGATION STRUCTURE**  
AT U.S. 281  
STA 1022+00 TO STA 1027+33

SCALE:  
HOR: 1" = 100'  
VER: 1" = 10'

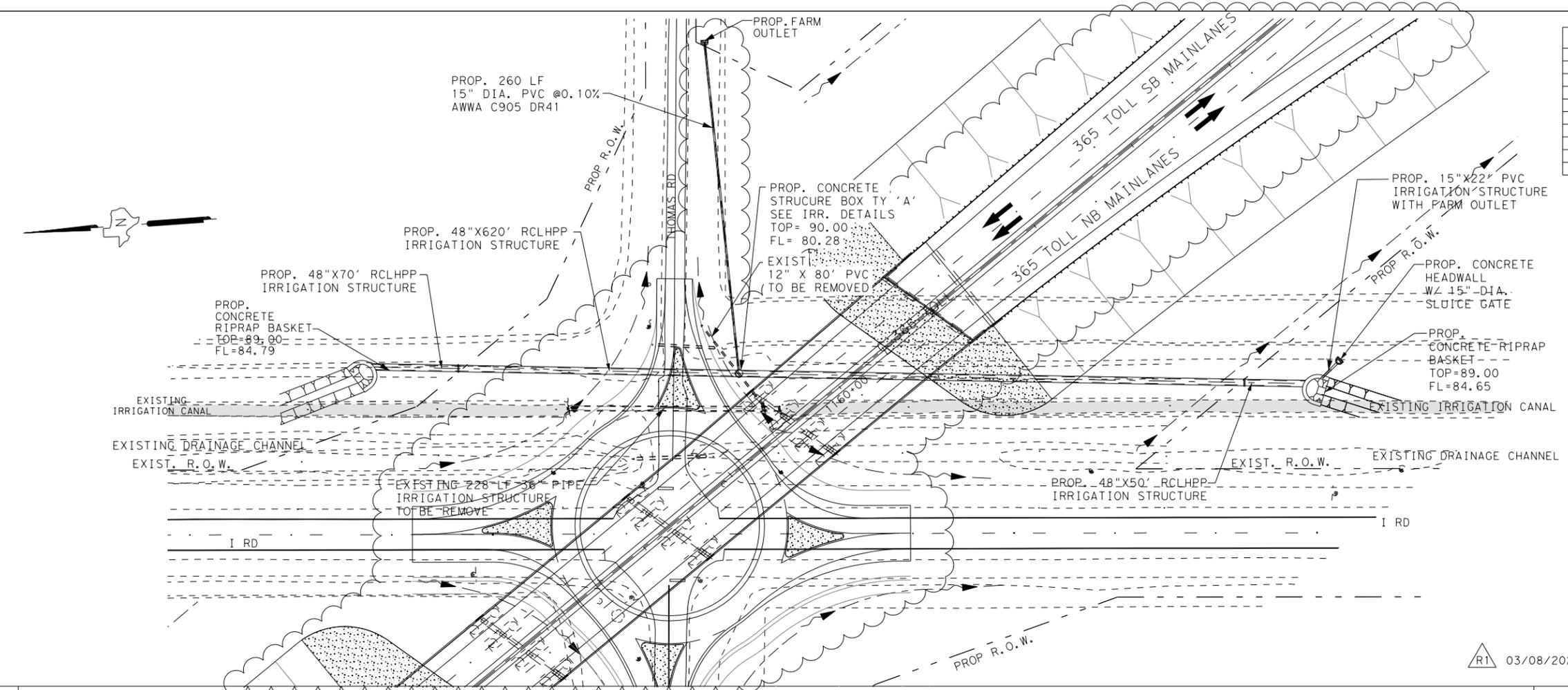
SHEET 3 OF 3

CONT	SECT	JOB	HIGHWAY
0921	02	368	365 TOLL
DIST	COUNTY	SHEET NO.	
PHR	HIDALGO	1197	

DATE RECEIVED: 03/08/2023  
 DATE ACCEPTED: 03/29/2023  
 BY: Samuel Saldívar, Jr.

EFFECTIVE PLAN SHEET - RELEASED FOR CONSTRUCTION  
 THE HCRMA HAS ACCEPTED THIS AS THE GOVERNING CONTRACT DOCUMENT UPON VERIFICATION FROM POLICE CONSTRUCTION, INC. THAT EITHER: NO CHANGE WAS MADE, MINOR REVISION WAS MADE, OR A COMPLETE REPLACEMENT OF THE SHEET WAS MADE TO CONFORM TO THE EFFECTIVE CONTRACT FOR THE 365 TOLLWAY SEGMENTS 1 AND 2 (CS: 0921-02-368).

DATE: 08/03/2023 9:03:43  
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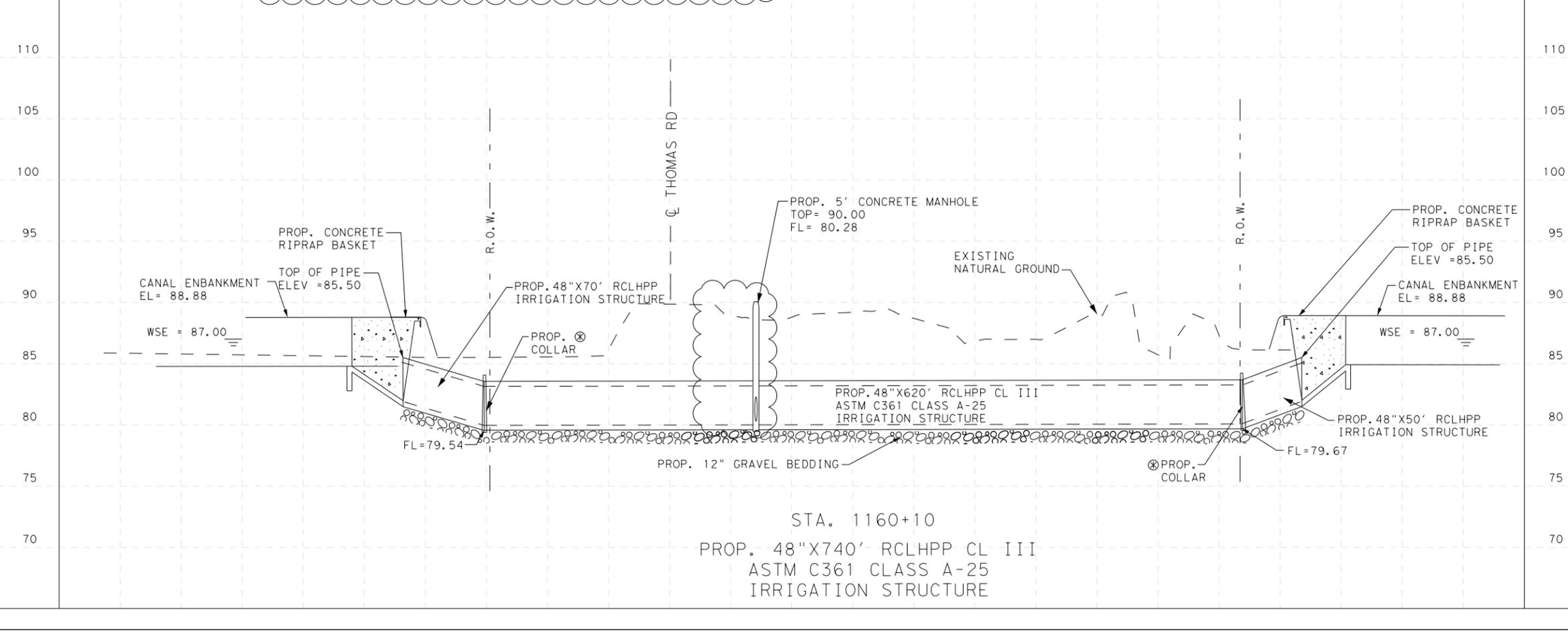


SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
432	CONCRETE RIP RAP (6IN)	CY	55
465	JUNCT. BOX TY "A"	EA	1
1007	IRR GATE (15") SLUICE	EA	2
1008	PRSSR IRR (PVC) PIPE 15"	LF	276
4024	RC LOW HEAD PREASURE PIPE 48"	LF	742
466	CONCRETE HEAD WALL	EA	1
1007	12" IRR VALVE (FARM OUTLET)	EA	2
400	STR EXCV (SPECIAL) (12" GRAVEL)	CY	164

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NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.



OTHON INC.  
 F-1471  
 Michael Liang  
 03/08/2023

PROGRAM MANAGEMENT CONSULTANT  
**DANNENBAUM**  
 ENGINEERING CORPORATION  
 T.B.P.E. FIRM REGISTRATION #392  
 1109 NOLANA LOOP, STE 208 MCALLEN, TX 78504 (956) 682-3677

PROPOSED IRRIGATION STRUCTURE AT 1160+10

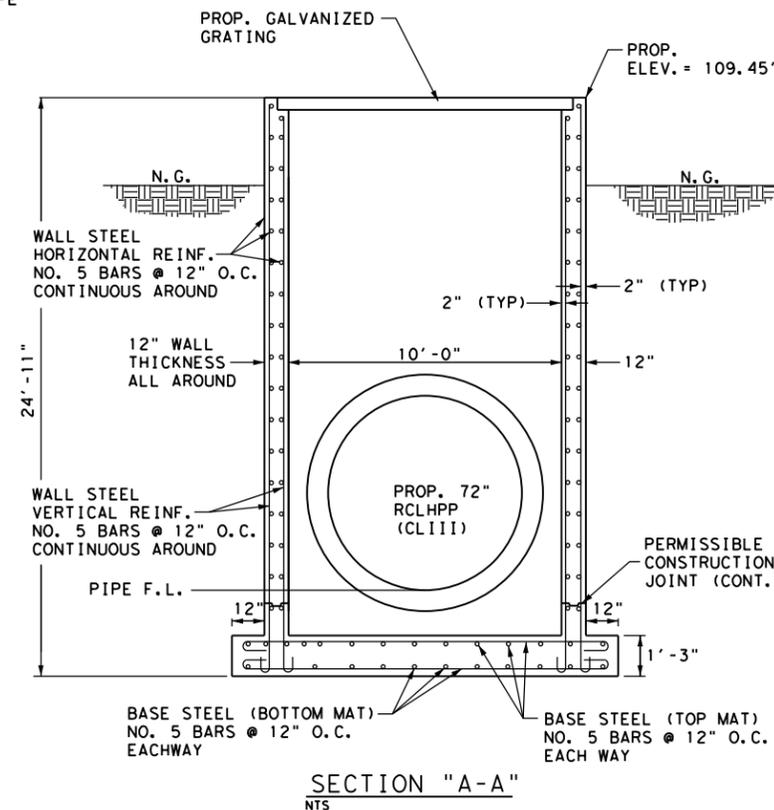
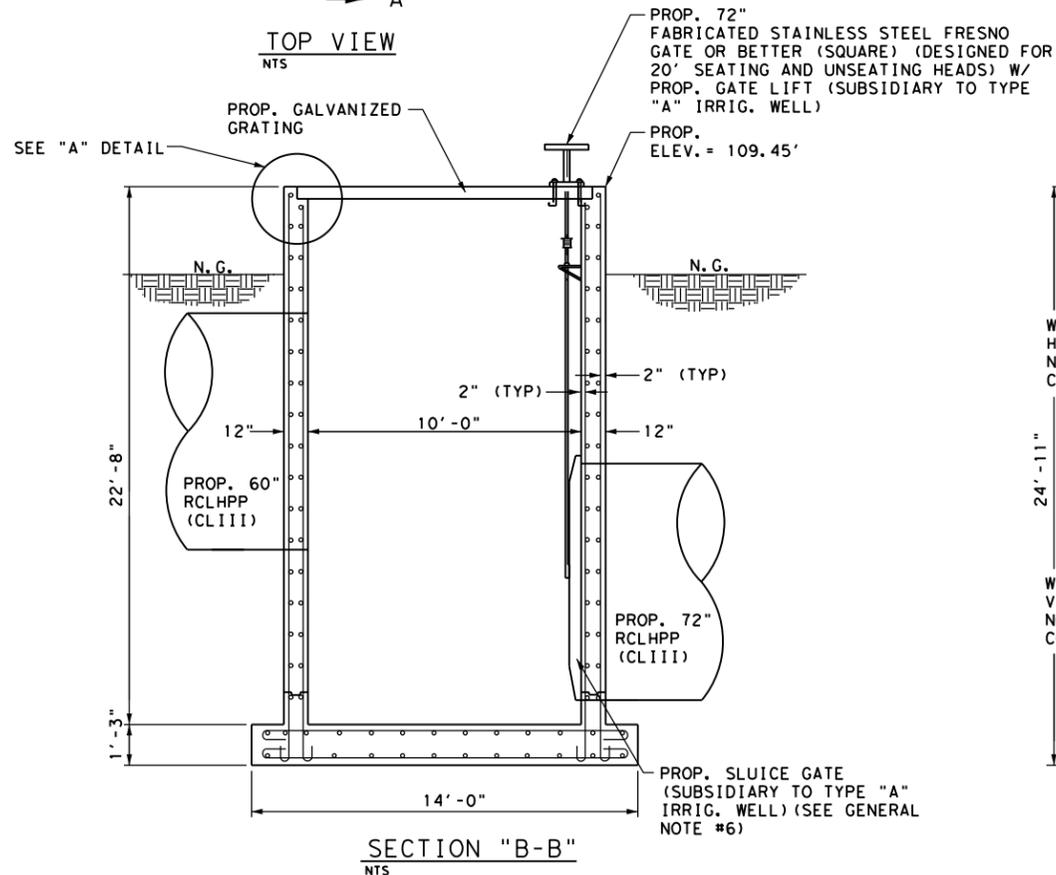
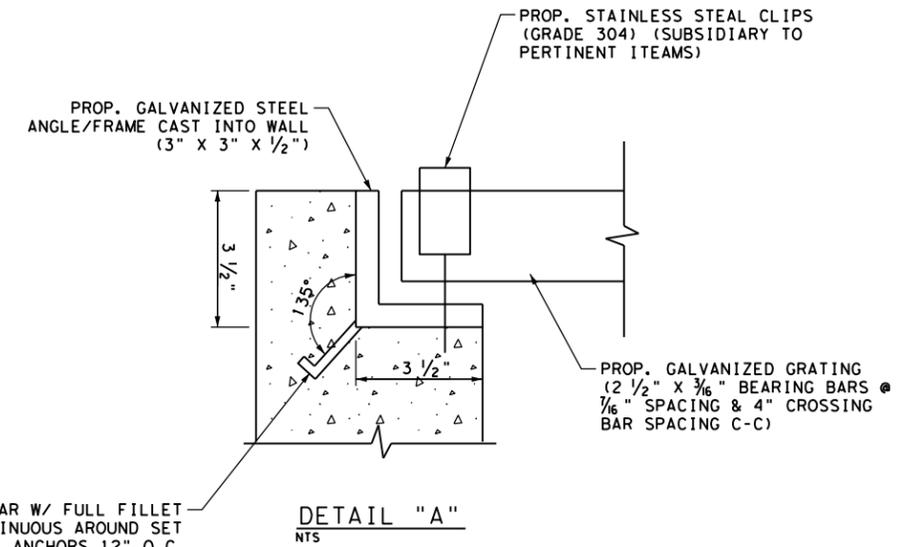
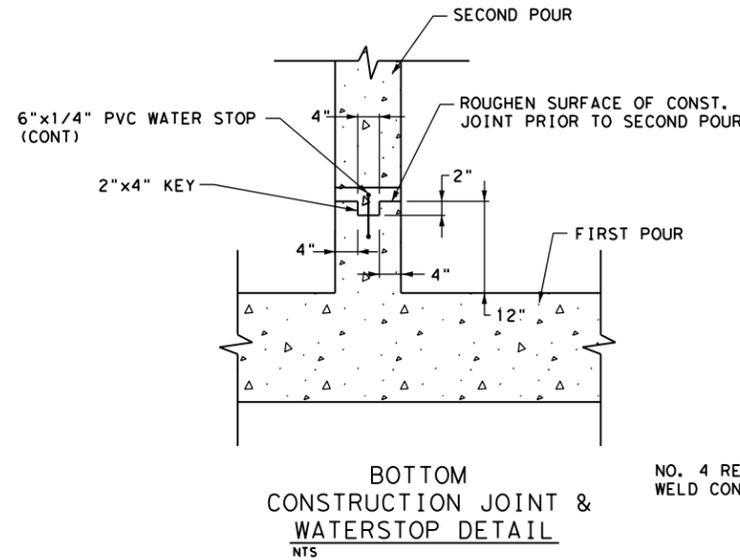
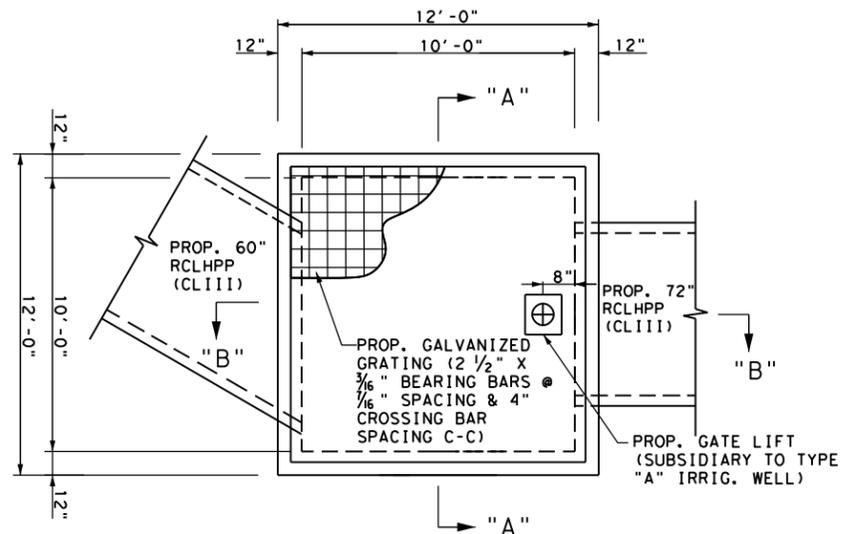
SCALE:  
 HOR: 1" = 100'  
 VER: 1" = 10'

SHEET 4 OF 9

REV:	DATE:	EOR:	CONT	SECT	JOB	HIGHWAY
0	09/25/2017	GA			368	
1	03/08/2023	ML	0921	02	368	365 TOLL
			DIST		COUNTY	SHEET NO.
			PHR		HIDALGO	1201

**GENERAL NOTES**

1. CHAMFER ALL EXPOSED CONC. CORNERS 1".
2. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS
3. ALL REINFORCING STEEL SHALL BE GRADE 60
4. LAP OR ANCHOR ALL STEEL A MINIMUM OF 30 DIA.'S. ALL HORZ. STEEL SHALL BE CONTINUOUS AROUND CORNERS.
5. REINFORCING BARS MAY BE ADJUSTED BUT SHALL PROVIDE A MINIMUM OF 2 INCHES CLEAR COVER
6. PROP. SLUCIE GATE SHALL BE A FRESNO LIFT AND GATE (SQUARE)® OR APPROVED EQUAL DESIGNED FOR 20' SEATED AND UNSEATED HEADS (SUBSIDIARY TO TYPE "A" IRRIG. WELL) GATE SHALL HAVE STAINLESS STEEL SIDE ANGLES (FRAME), STAINLESS STEEL STEM, GEARED LIFT, PACKING GLAND, & PEDISTAL MADE OF CAST IRON.
7. PROP. GALVANIZED FRAME AND GRATE SHALL BE SUBSIDIARY TO TYPE "A" IRRIG. WELL



**TYPICAL TYPE "A" IRRIG. WELL DETAIL**  
NTS

A2 - REVISED 10-20-17



PROGRAM MANAGEMENT CONSULTANT  
**DANNENBAUM**  
ENGINEERING CORPORATION  
T.B.P.E. FIRM REGISTRATION #392  
1109 NOLANA LOOP, STE 208 MCALLEN, TX 78504 (956) 682-3677

**L&G Engineering**  
Highway / Civil  
Structural / Bridge  
Environmental  
Firm No. : F-4105  
2100 W. Expressway 83  
Mercedes, TX 79070  
Phone : (956) 565-9813  
Fax : (956) 565-9014  
900 S. Stewart Rd., Ste. 10  
Mission, TX 78572  
Phone : (956) 585-1909  
Fax : (956) 585-1927

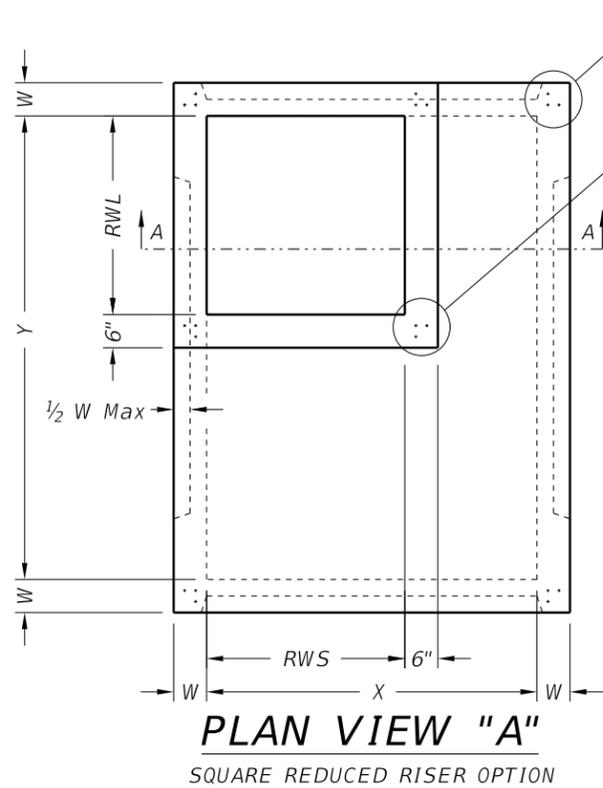
SH 365  
TYPE A  
IRRI. DETAILS

SHEET 1 OF 6

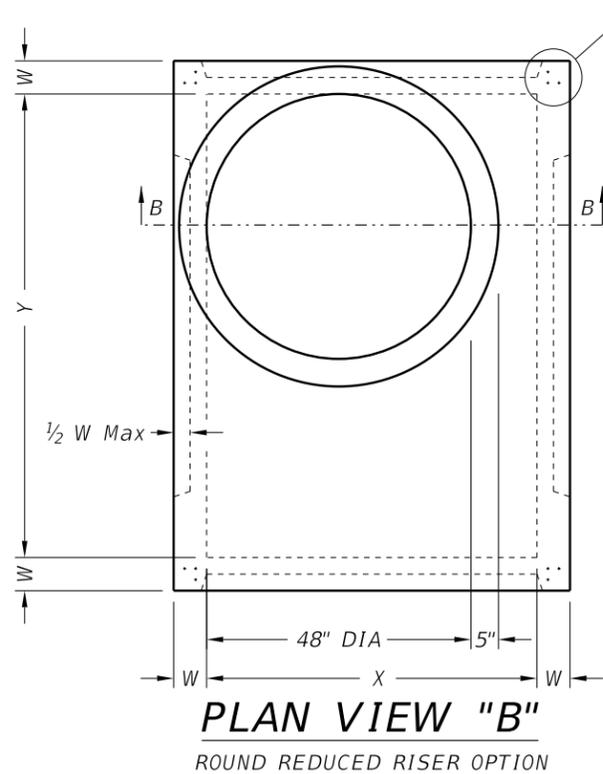
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CK DW:	0921	02	368	365 TOLL
DW:	DIST	COUNTY	SHEET NO.	
TR:	PHR	HIDALGO	1207	
CK TR:				

DATE: 10/20/2017 10:50:15 AM  
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DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



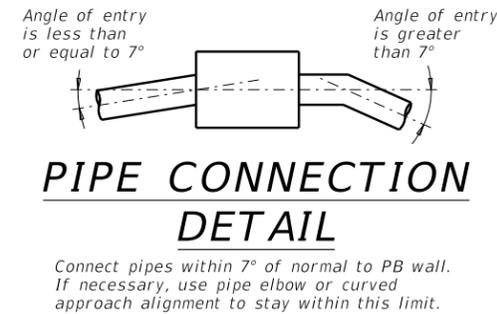
**PLAN VIEW "A"**  
SQUARE REDUCED RISER OPTION



**PLAN VIEW "B"**  
ROUND REDUCED RISER OPTION

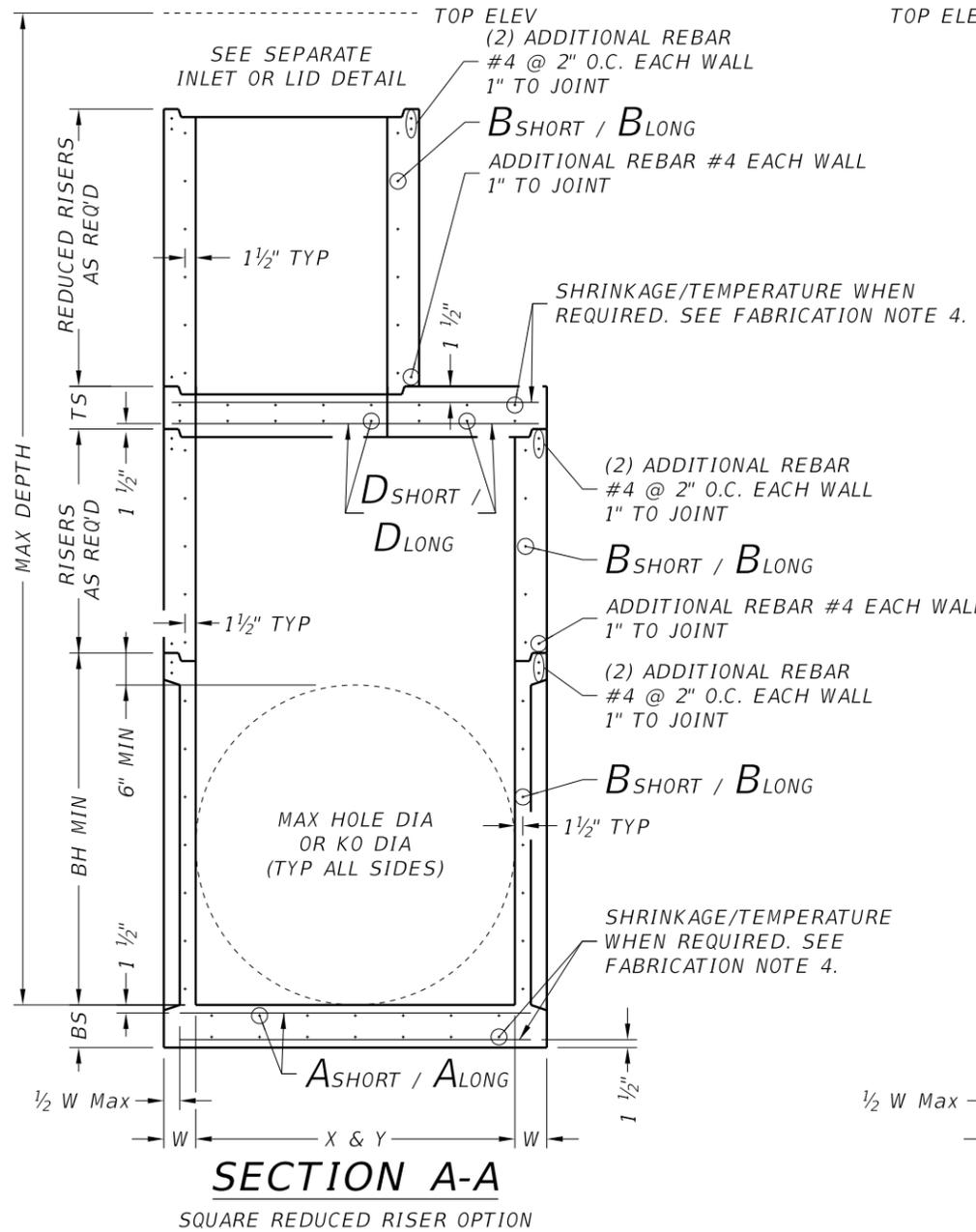
(3) VERTICAL REBAR IN BASE & RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER

(3) VERTICAL REBAR IN REDUCED RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER

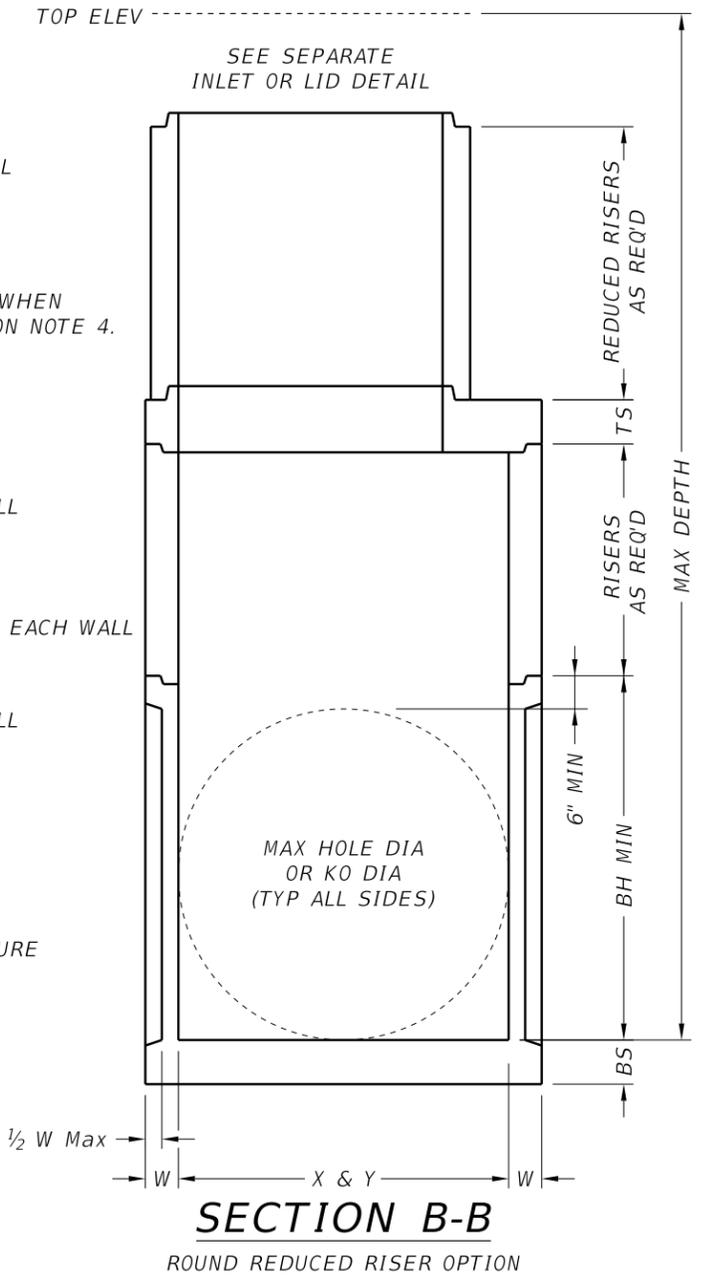


**PIPE CONNECTION DETAIL**

Connect pipes within 7° of normal to PB wall.  
If necessary, use pipe elbow or curved approach alignment to stay within this limit.



**SECTION A-A**  
SQUARE REDUCED RISER OPTION



**SECTION B-B**  
ROUND REDUCED RISER OPTION

**FABRICATION NOTES:**

1. Provide Class "H" concrete in accordance with Item 421 and having a minimum compressive strength of 5,000 psi.
2. Provide Grade 60 reinforcing steel or equivalent area of WWR.
3. Provide typical clear cover of 1 1/2" to reinforcing steel at interior or exterior walls.
4. Walls or slabs with a thickness of 8" or greater require shrinkage and temperature reinforcing steel. Provide steel area = 0.11 in<sup>2</sup>/ft each way.
5. No substitution is allowed for vertical and horizontal #4 bars in corners.
6. Manufacture base and risers to nearest 3" increment.
7. Design tongue and groove joints for full closure on both shoulders. Minimum spigot depth is 3/4".
8. Provide lifting devices in conformance with Manufacturer's recommendations.
9. See sheet PDD for sizes, dimensions, and reinforcing steel not shown.

**INSTALLATION NOTES:**

1. If required elsewhere. Inverts (benching) to be provided by Contractor. Concrete or mortar used for invert is subsidiary to specified inlet or manhole.
2. Seal tongue and groove joints with preformed or bulk mastic in conformance with Manufacturer's recommendations. Tongue and groove joints may be grouted no more than 1" between each section, or 1/2 the joint depth, whichever is greater.
3. Do not grout rubber gasket joints without Manufacturer's recommendation.
4. For rigid pipe, cut hole in thin wall panel (KO) 4" Max, 2" Min larger than pipe OD.
5. For flexible pipe, consult boot/seal Manufacturer's specification for placement tolerance and hole size. Center pipe in hole and install boot/seal per Manufacturer's specification.

**GENERAL NOTES:**

1. Precast Base consists of base slab, base unit, risers (as required), reducing slab (as required), and reduced risers (as required). See sheet PDD for sizes.
2. Designed according to ASTM C913.
3. Payment for precast base is subsidiary to the specified inlet, per Item 465, "Junction Boxes, Manholes, and Inlets."

Cover dimensions are clear dimensions, unless noted otherwise.

HL93 LOADING



Bridge Division Standard

**PRECAST BASE**

PB

FILE: CD-PB-20.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT February 2020	CONT	SECT	JOB	HIGHWAY
REVISIONS				
	DIST	COUNTY	SHEET NO.	

DATE:  
FILE:



**REQUEST FOR INFORMATION**

**No. HCRMA 365.RFI.107**

**TITLE:** Cage BLVD Waterline Relocation Proposed Solution  
**PULICE PROJECT:** 62-016-HCRMA 365 TOLL  
**OWNER PROJECT:** CSJ: 0921-02-368

**DATE:** 9/1/2023  
**RESPONSE REQUIRED BY:** 9/8/2023

**TO:** Ramon Navarro, P.E., C.F.M.  
Chief Construction Engineer  
Hidalgo County Regional Mobility Authority  
203 W. Newcombe Avenue  
Pharr, TX 78577

**WORK IMPACT:**  YES  NO    **SCHEDULE IMPACT:**  YES  NO    **COST IMPACT:**  YES  NO

**REQUEST:** On RFI 95, a possible solution was proposed to lower casing below 72" irrigation run which was in conflict. As per meeting with hcid 2 on 9/1/2023, a new proposed solution would be to raise the proposed 72" irrigation line 2 ft and then connect into proposed junction box on sheet 1195 (attached). Can HCRMA please evaluate and provide a solution for this conflict? Thank you.

**REF. DRAWINGS:** 1195, 1227

**REQUESTED BY:** Thomas Rodriguez

**DATE:** 9/1/2023

**ANSWER:**

**ANSWER SIGNED BY:** \_\_\_\_\_

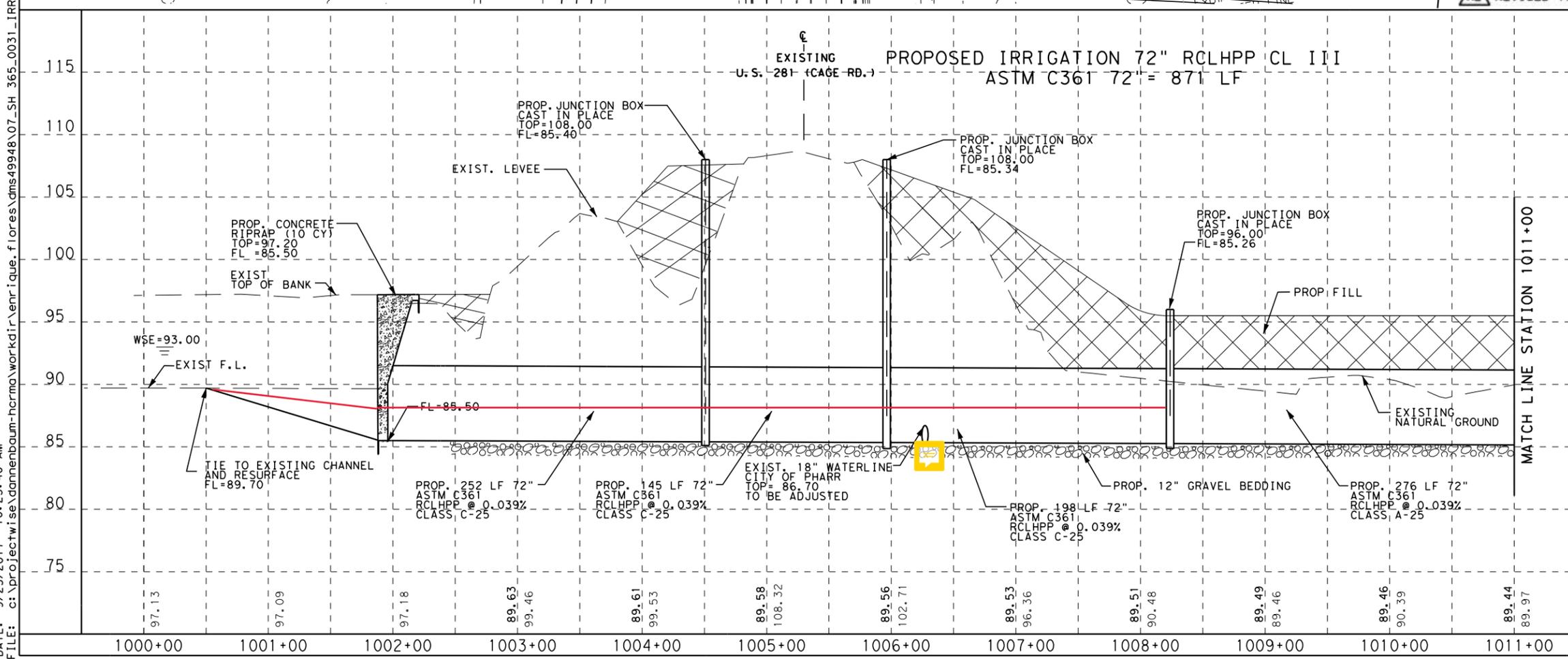
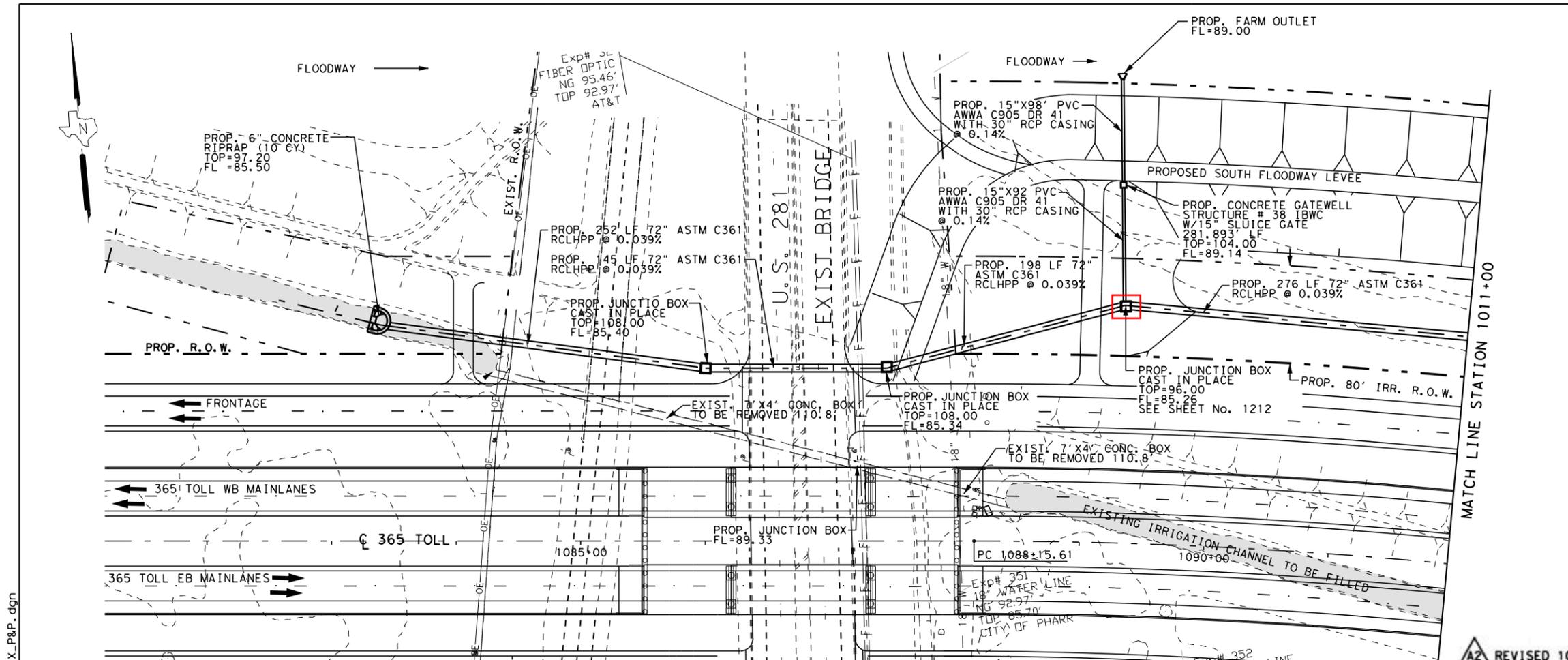
**DATE:** \_\_\_\_\_

- CC:** Sergio Mandujano - HCRMA
- Ronald Reyes -HCRMA
- Rafael Carmona - Pulice
- Jose Rivera - Pulice
- Luis Salinas - Pulice
- Paola Morales - Pulice
- Luis Escalera - Pulice

SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
400	STRUCTURE EXCAV (SPECIAL) (12" GRAVEL)	CY	228
432	CONCRETE RIP RAP (6IN)	CY	10
465	JUNCTION BOX CAST IN PLACE	EA	3
466	CONCRETE HEADWALL (CH-FW-O) 15 IN	EA	1
HCRMA 08	CONCRETE GATE WELL STRUCTURE	EA	1
4021	RC LOW HEAD PRSSR PIPE 72 in	LF	871
1008	PRSSR IRR (PVC) PIPE 15"	LF	190
464	30" RCP CL III	LF	190
1007	IRR GATE (15") (SLUICE)	EA	1
476	JACK BORE OR TUN PIPE (72") (RC) (CL V)	LF	100
1007	IRR VALVE (12") (FARM OUTLET)	EA	1

- LEGEND:**
- ⊗ NON-PAY, SUBSIDIARY TO PERTINENT BID ITEMS.
  - ★ TO BE REMOVED UNDER ITEM 496. INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES.
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  - PROPOSED INSTALLATION AND REMOVAL OF BERMS AND PUMPING WATER WILL BE SUBSIDIARY TO ITEM 464.



**PROPOSED IRRIGATION STRUCTURE AT U.S. 281 (CAGE BLVD) STA 1001+11 TO STA 1011+00**

SCALE:  
 HOR: 1" = 100'  
 VER: 1" = 10'

SHEET 1 OF 3

CON:	0921	SECT:	02	JOB:	368	HIGHWAY:	365 TOLL
DIST:	PHR	COUNTY:	HIDALGO	SHEET NO.:	1195		

DATE: 9/25/2017 10:23:40 AM  
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## HCRMA - US 281 Cage BLVD Irrigation Line Precast JCT Boxes

### Description

The following calculation sheet calculates the uplift forces at each joint of the precast junction boxes. Two different scenarios were considered, junction box 1 & 5.

The following forces are considered:

- Soil Dead Load (+)
- Concrete Weight Dead Load (+)
- Buoyancy Forces (-)

*input*

Data input

*check*

Uplift Check



### General Site Data

$$\gamma_{soil} := 112 \text{ pcf}$$

Soil Unit Weight - dry soil

$$\gamma_w := 62.4 \text{ pcf}$$

Water Unit Weight

$$\gamma_{conc} := 150 \text{ pcf}$$

Structural Concrete Unit Weight

$$EL_{WSE} := 93 \text{ ft}$$

Water Seasonal Elevation

LPILE Parameters										
Bridge	Boreholes	Borehole Elevation	Groundwater Elevation	Elevation	LPILE Soil type	Effective Unit weight	Cohesion (Su)	Friction Angle	Soil Strain Factor	Subgrade Modulus (k)
-	-	ft	ft	ft	-	pcf	psf	°	$\epsilon_{50}$	pci
Jackson Road	B-6, B-7	100	65	100 to 90	Stiff Clay without Free Water	112	1500	---	0.008	525
				90 to 85	Stiff Clay without Free Water	58	3000	---	0.006	815
				85 to 80	Stiff Clay without Free Water	46	---	29	---	55
				75 to 65	Sand	48	---	30	---	60
				65 to 55	Sand	66	---	35	---	110
				55 to 15	Sand	48	---	30	---	60
US 281	B-34, B-36	96	77	96 to 82	Stiff Clay without Free Water	112	1500	---	0.008	525
				82 to 70	Sand	43	---	28	---	45
				70 to 40	Sand	58	---	34	---	100
				40 to 15	Sand	48	---	30	---	60

### 72" Pipe

$$ID_{72} := 72 \text{ in}$$

Inside Diameter

$$t_{72} := 9.5 \text{ in}$$

Pipe Wall Thickness

$$OD_{72} := ID_{72} + 2 \cdot t_{72} = 91 \text{ in}$$

Outside Diameter

$$A_{72} := \pi \cdot (0.5 \cdot OD_{72})^2 = 6503.882 \text{ in}^2$$

Pipe Area - outside diameter

### 30" Pipe

$$ID_{30} := 30 \text{ in}$$

Inside Diameter

$$t_{30} := 5 \text{ in}$$

Pipe Wall Thickness

$$OD_{30} := ID_{30} + 2 \cdot t_{30} = 40 \text{ in}$$

Outside Diameter

$$A_{30} := \pi \cdot (0.5 \cdot OD_{30})^2 = 1256.637 \text{ in}^2$$

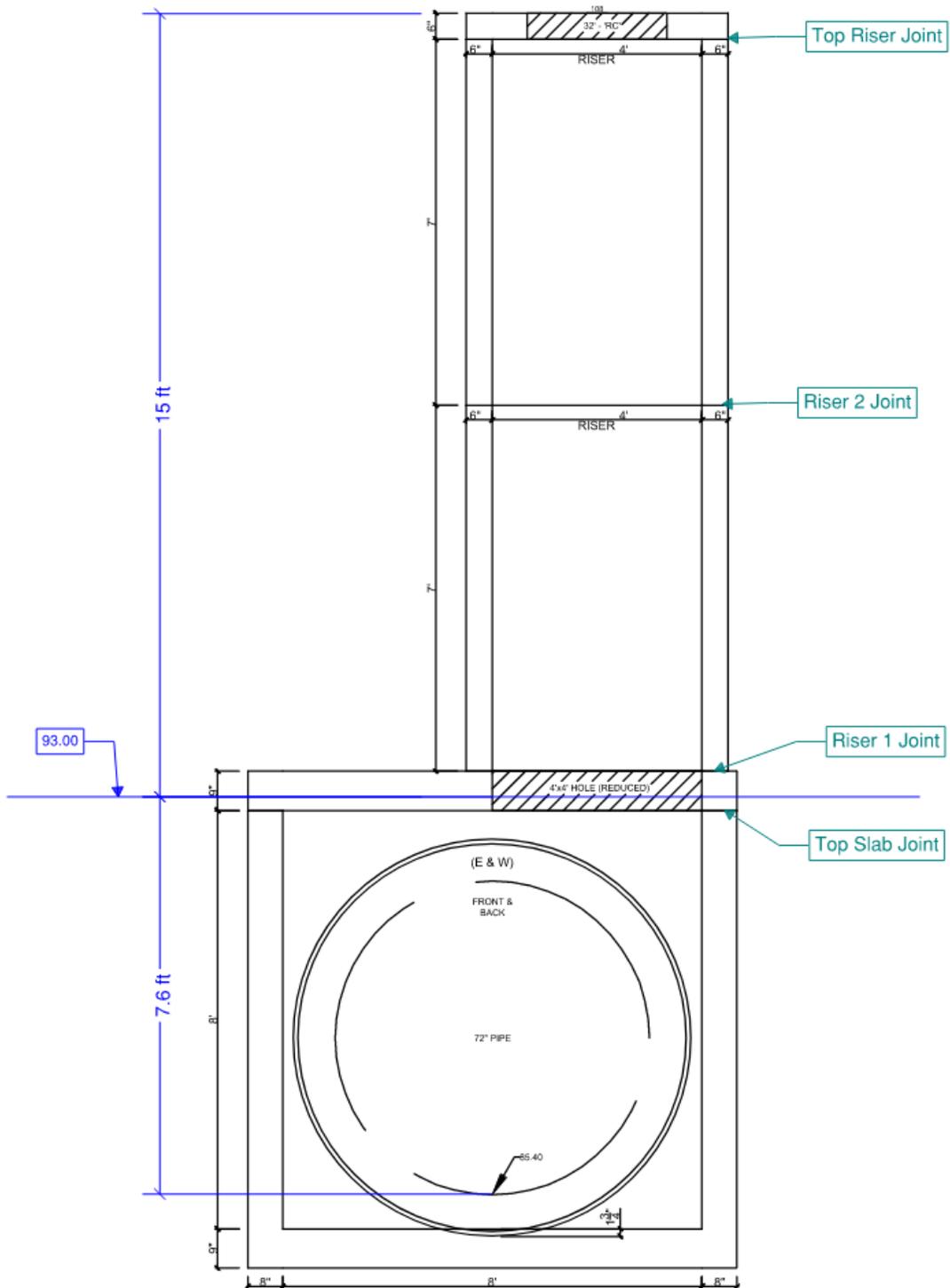
Pipe Area - outside diameter



**Junction Box #1**

Sta 1004 + 50.00  
72" Pipe Running E-W

Water Seasonal Elevation = 93'  
Top Elevation = 108'





## Geometry

$$\text{offset} := -2.5 \text{ in}$$

Bot of Pipe to Top of Base Slab Elev

$$X_B := 8 \text{ ft}$$

$$Y_B := 8 \text{ ft}$$

$$D_B := 8 \text{ ft}$$

Junction Box Dimensions

$$W_B := 8 \text{ in}$$

Junction Box Wall Thickness

$$D_{BS} := 9 \text{ in}$$

Base Slab Thickness

$$D_{TS} := 9 \text{ in}$$

Top Slab Thickness

$$X_{BS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{BS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Base Slab Widths

$$X_{TS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{TS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Top Slab Widths

$$x_{riser} := 4 \text{ ft}$$

$$y_{riser} := 4 \text{ ft}$$

$$D_{riser} := 7 \text{ ft}$$

Riser Dimensions

$$t_{riser} := 6 \text{ in}$$

Riser Wall Thickness

$$n_{riser} := 2$$

Number of Risers

$$A_{riser} := (x_{riser} + 2 t_{riser}) \cdot (y_{riser} + 2 t_{riser}) = 25 \text{ ft}^2$$

Outside Riser Area

$$A_{hole} := x_{riser} \cdot y_{riser} = 16 \text{ ft}^2$$

Riser Hole Area @ Box Top Slab

$$t_{r.top} := 6 \text{ in}$$

Riser Cover Thickness

$$d_{r.top} := 32 \text{ in}$$

Riser Cover Opening Diameter

$$A_{r.top} := \pi \cdot (0.5 \cdot d_{r.top})^2$$

Riser Cover Opening Area



### Elevations

$EL_{WSE} = 93 \text{ ft}$	Recall Water Seasonal Elevation
$EL_{riser} := 108 \text{ ft}$	Top of Riser Cover Elevation
$EL_{FG} := EL_{riser} - 6 \text{ in}$	Finished Grade Elevation - to be assumed 6 in below top of riser cover
$EL_{inv} := 85.34 \text{ ft}$	Pipe Invert Elevation
$EL_{b,BS} := EL_{inv} - t_{72} - offset - D_{BS} = 84.007 \text{ ft}$	Bottom of Base Slab Elevation
$EL_{t,BS} := EL_{b,BS} + D_{BS} = 84.757 \text{ ft}$	Top of Base Slab Elevation
$EL_{b,TS} := EL_{t,BS} + D_B = 92.757 \text{ ft}$	Bottom of Top Slab Elevation
$EL_{t,TS} := EL_{b,TS} + D_{TS} = 93.507 \text{ ft}$	Top of Top Slab Elevation
$EL_{riser1} := EL_{t,TS} + D_{riser} = 100.507 \text{ ft}$	Elevation at top of riser 1
$EL_{riser2} := EL_{t,TS} + 2 D_{riser} = 107.507 \text{ ft}$	Elevation at top of riser 2

### Concrete Volume

$V_{BS} := D_{BS} \cdot X_{BS} \cdot Y_{BS} = 65.333 \text{ ft}^3$	Volume of Base Slab
$A_{TS} := X_{TS} \cdot Y_{TS} - A_{hole}$	Area of top slab
$V_{TS} := D_{TS} \cdot (A_{TS}) = 53.333 \text{ ft}^3$	Volume of Top Slab
$V_{wall,EW} := 2 (X_{TS} \cdot D_B - A_{72}) \cdot W_B = 39.334 \text{ ft}^3$	Volume of E & W Walls
$V_{wall,NS} := 2 (X_{TS} \cdot D_B) \cdot W_B = 99.556 \text{ ft}^3$	Volume of N & S Walls
$V_{wall} := V_{wall,EW} + V_{wall,NS} = 138.89 \text{ ft}^3$	Total Volume of Walls
$V_{box} := V_{wall} + V_{BS} = 204.223 \text{ ft}^3$	Total Volume of Precast Box
$V_{riser} := n_{riser} \cdot (A_{riser} - A_{hole}) \cdot D_{riser} = 126 \text{ ft}^3$	Volume of Risers
$V_{cover} := (A_{riser} - A_{r,top}) \cdot t_{r,top} = 9.707 \text{ ft}^3$	Volume of Riser Cover



## Forces

### Concrete Weight

$W_{box} := \gamma_{conc} \cdot V_{box} = 30.633 \text{ kip}$	Weight of precast box
$W_{TS} := \gamma_{conc} \cdot V_{TS} = 8 \text{ kip}$	Weight of top slab
$W_{riser} := \gamma_{conc} \cdot V_{riser} = 18.9 \text{ kip}$	Weight of risers
$W_{cover} := \gamma_{conc} \cdot V_{cover} = 1.456 \text{ kip}$	Weight of riser cover
$W_{conc} := W_{box} + W_{TS} + W_{riser} + W_{cover} = 58.99 \text{ kip}$	Total Concrete Weight

### Soil Weight

$V_{soil} := (X_{TS} \cdot Y_{TS} - A_{riser}) \cdot (EL_{FG} - EL_{t,TS}) = 869.141 \text{ ft}^3$	Volume of Soil over Box
$W_{soil} := V_{soil} \cdot \gamma_{soil} = 97.344 \text{ kip}$	Weight of Soil over Box

### Buoyancy Force

$offset_{TS} := EL_{WSE} - EL_{b,TS} = 2.92 \text{ in}$	Depth of top slab submerged in water
$V_{sub,TS} := X_{TS} \cdot Y_{TS} \cdot offset_{TS} = 21.197 \text{ ft}^3$	volume of water displaced @ bot of top slab
$V_{sub,box} := X_{BS} \cdot Y_{BS} \cdot (D_{BS} + D_B) = 762.222 \text{ ft}^3$	volume of water displaced from junction box
$W_{sub,TS} := \gamma_w \cdot V_{sub,TS} = 1.323 \text{ kip}$	weight of water displaced @ bot of top slab
$V_{sub} := V_{sub,TS} + V_{sub,box} = 783.419 \text{ ft}^3$	total volume of water displaced
$W_{sub} := \gamma_w \cdot V_{sub} = 48.885 \text{ kip}$	total weight of water displaced



### Total System Equilibrium

$$F_{total1} := W_{conc} + W_{soil} - W_{sub} = 107.448 \text{ kip} \quad \text{Assuming Junction Box is not filled with water.}$$

$$\text{if}(F_{total1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

$$F_{total2} := W_{conc} + W_{soil} = 156.333 \text{ kip} \quad \text{Assuming Junction Box is filled with water.}$$

$$\text{if}(F_{total2} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Top Slab Joint

$$F_{TS1} := (W_{conc} - W_{box}) + W_{soil} - W_{sub.TS} = 124.377 \text{ kip}$$

$$\text{if}(F_{TS1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Riser 1 Joint

$$F_{r1} := (W_{cover} + W_{riser}) = 20.356 \text{ kip}$$

$$\text{if}(F_{r1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Riser 2 Joint

$$F_{r2} := W_{cover} + \frac{W_{riser}}{n_{riser}} = 10.906 \text{ kip}$$

$$\text{if}(F_{r2} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Top Riser Joint

$$F_{top} := W_{cover} = 1.456 \text{ kip}$$

$$\text{if}(F_{top} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$





## Geometry

$$\text{offset} := -3.5 \text{ in}$$

Bot of Pipe to Top of Base Slab Elev

$$X_B := 8 \text{ ft} \quad Y_B := 8 \text{ ft} \quad D_B := 8 \text{ ft}$$

Junction Box Dimensions

$$W_B := 8 \text{ in}$$

Junction Box Wall Thickness

$$D_{BS} := 9 \text{ in}$$

Base Slab Thickness

$$D_{TS} := 9 \text{ in}$$

Top Slab Thickness

$$X_{BS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{BS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Base Slab Widths

$$X_{TS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{TS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Top Slab Widths

$$x_{riser} := 4 \text{ ft} \quad y_{riser} := 4 \text{ ft} \quad D_{riser} := 2.5 \text{ ft}$$

Riser Dimensions

$$t_{riser} := 6 \text{ in}$$

Riser Wall Thickness

$$n_{riser} := 1$$

Number of Risers

$$A_{riser} := (x_{riser} + 2 t_{riser}) \cdot (y_{riser} + 2 t_{riser}) = 25 \text{ ft}^2$$

Riser Area

$$A_{hole} := x_{riser} \cdot y_{riser} = 16 \text{ ft}^2$$

Riser Hole Area @ Box Top Slab

$$t_{r.top} := 6 \text{ in}$$

Riser Cover Thickness

$$d_{r.top} := 32 \text{ in}$$

Riser Cover Opening Diameter

$$A_{r.top} := \pi \cdot (0.5 \cdot d_{r.top})^2$$

Riser Cover Opening Area



### Elevations

$EL_{WSE} = 93 \text{ ft}$	Recall Water Seasonal Elevation
$EL_{riser} := 96 \text{ ft}$	Top of Riser Elevation
$EL_{FG} := EL_{riser} - 6 \text{ in}$	Finished Grade Elevation - to be assumed 6 in below top of riser cover
$EL_{inv} := 84.75 \text{ ft}$	Pipe Invert Elevation
$EL_{b.BS} := EL_{inv} - t_{72} - offset - D_{BS} = 83.5 \text{ ft}$	Bottom of Base Slab Elevation
$EL_{t.BS} := EL_{b.BS} + D_{BS} = 84.25 \text{ ft}$	Top of Base Slab Elevation
$EL_{b.TS} := EL_{t.BS} + D_B = 92.25 \text{ ft}$	Bottom of Top Slab Elevation
$EL_{t.TS} := EL_{b.TS} + D_{TS} = 93 \text{ ft}$	Top of Top Slab Elevation
$EL_{riser1} := EL_{t.TS} + D_{riser} = 95.5 \text{ ft}$	Elevation at top of riser 1

### Concrete Volume

$V_{BS} := D_{BS} \cdot X_{BS} \cdot Y_{BS} = 65.333 \text{ ft}^3$	Volume of Base Slab
$A_{TS} := X_{TS} \cdot Y_{TS} - A_{hole}$	Area of top slab
$V_{TS} := D_{TS} \cdot (A_{TS}) = 53.333 \text{ ft}^3$	Volume of Top Slab
$V_{wall.EW} := 2 (X_{TS} \cdot D_B - A_{72}) \cdot W_B = 39.334 \text{ ft}^3$	Volume of E & W Walls
$V_{wall.NS} := (2 X_{TS} \cdot D_B - A_{30}) \cdot W_B = 93.738 \text{ ft}^3$	Volume of N & S Walls
$V_{wall} := V_{wall.EW} + V_{wall.NS} = 133.072 \text{ ft}^3$	Total Volume of Walls
$V_{box} := V_{wall} + V_{BS} = 198.406 \text{ ft}^3$	Total Volume of Precast Box
$V_{riser} := n_{riser} \cdot (A_{riser} - A_{hole}) \cdot D_{riser} = 22.5 \text{ ft}^3$	Volume of Risers
$V_{cover} := (A_{riser} - A_{r.top}) \cdot t_{r.top} = 9.707 \text{ ft}^3$	Volume of Riser Cover



## Forces

### Concrete Weight

$W_{box} := \gamma_{conc} \cdot V_{box} = 29.761 \text{ kip}$	Weight of precast box
$W_{TS} := \gamma_{conc} \cdot V_{TS} = 8 \text{ kip}$	Weight of top slab
$W_{riser} := \gamma_{conc} \cdot V_{riser} = 3.375 \text{ kip}$	Weight of risers
$W_{cover} := \gamma_{conc} \cdot V_{cover} = 1.456 \text{ kip}$	Weight of riser cover
$W_{conc} := W_{box} + W_{TS} + W_{riser} + W_{cover} = 42.592 \text{ kip}$	Total Concrete Weight

### Soil Weight

$V_{soil} := (X_{TS} \cdot Y_{TS} - A_{riser}) \cdot (EL_{FG} - EL_{t,TS}) = 155.278 \text{ ft}^3$	Volume of Soil over Box
$W_{soil} := V_{soil} \cdot \gamma_{soil} = 17.391 \text{ kip}$	Weight of Soil over Box

### Buoyancy Force

$offset_{TS} := EL_{WSE} - EL_{b,TS} = 9 \text{ in}$	Depth of top slab submerged in water
$V_{sub,TS} := X_{TS} \cdot Y_{TS} \cdot offset_{TS} = 65.333 \text{ ft}^3$	volume of water displaced @ bot of top slab
$V_{sub,box} := X_{BS} \cdot Y_{BS} \cdot (D_{BS} + D_B) = 762.222 \text{ ft}^3$	volume of water displaced from junction box
$W_{sub,TS} := \gamma_w \cdot V_{sub,TS} = 4.077 \text{ kip}$	weight of water displaced @ bot of top slab
$V_{sub} := V_{sub,TS} + V_{sub,box} = 827.556 \text{ ft}^3$	total volume of water displaced
$W_{sub} := \gamma_w \cdot V_{sub} = 51.639 \text{ kip}$	total weight of water displaced



### Total System Equilibrium

$$F_{total1} := W_{conc} + W_{soil} - W_{sub} = 8.344 \text{ kip} \quad \text{Assuming Junction Box is not filled with water.}$$

if ( $F_{total1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

$$F_{total2} := W_{conc} + W_{soil} = 59.983 \text{ kip} \quad \text{Assuming Junction Box is filled with water.}$$

if ( $F_{total2} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Top Slab Joint

$$F_{TS1} := (W_{conc} - W_{box}) + W_{soil} - W_{sub.TS} = 26.145 \text{ kip}$$

if ( $F_{TS1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Riser Joint

$$F_{r1} := W_{cover} + W_{riser} = 4.831 \text{ kip}$$

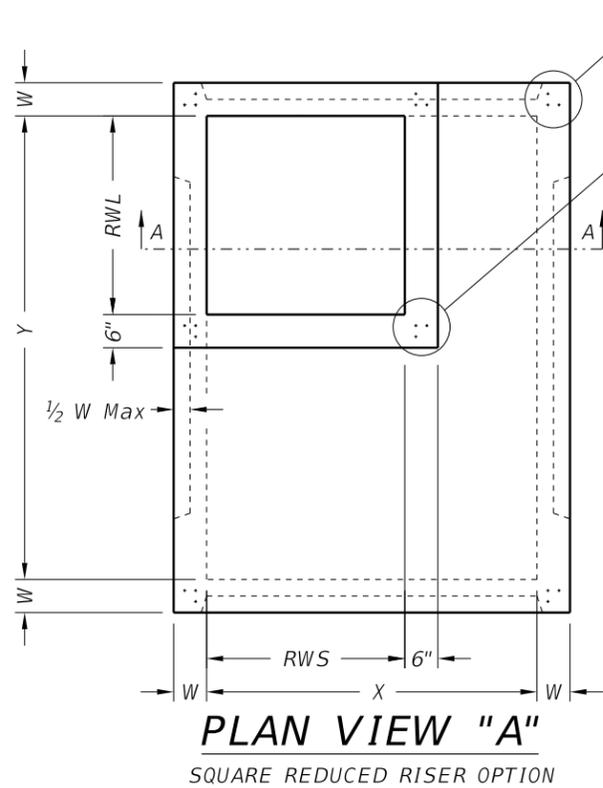
if ( $F_{r1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Top Riser Joint

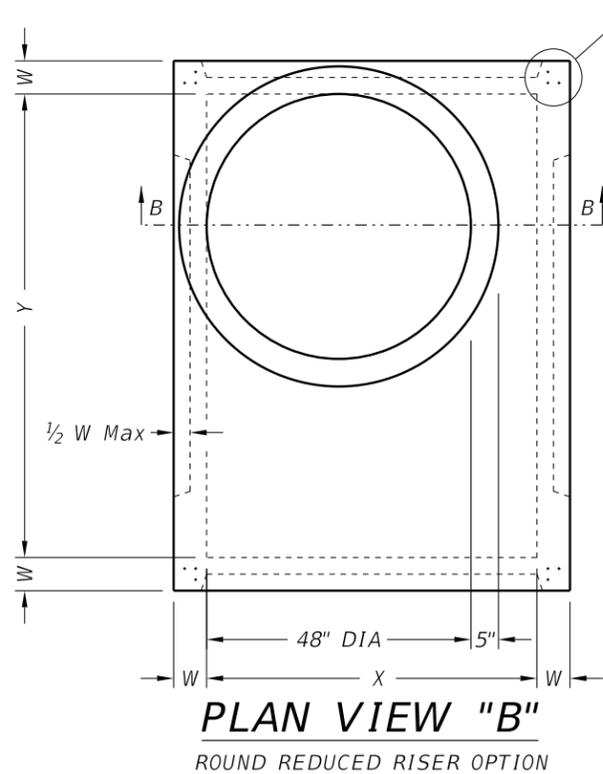
$$F_{top} := W_{cover} = 1.456 \text{ kip}$$

if ( $F_{top} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



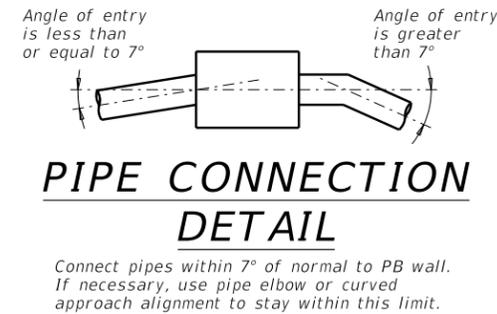
**PLAN VIEW "A"**  
SQUARE REDUCED RISER OPTION



**PLAN VIEW "B"**  
ROUND REDUCED RISER OPTION

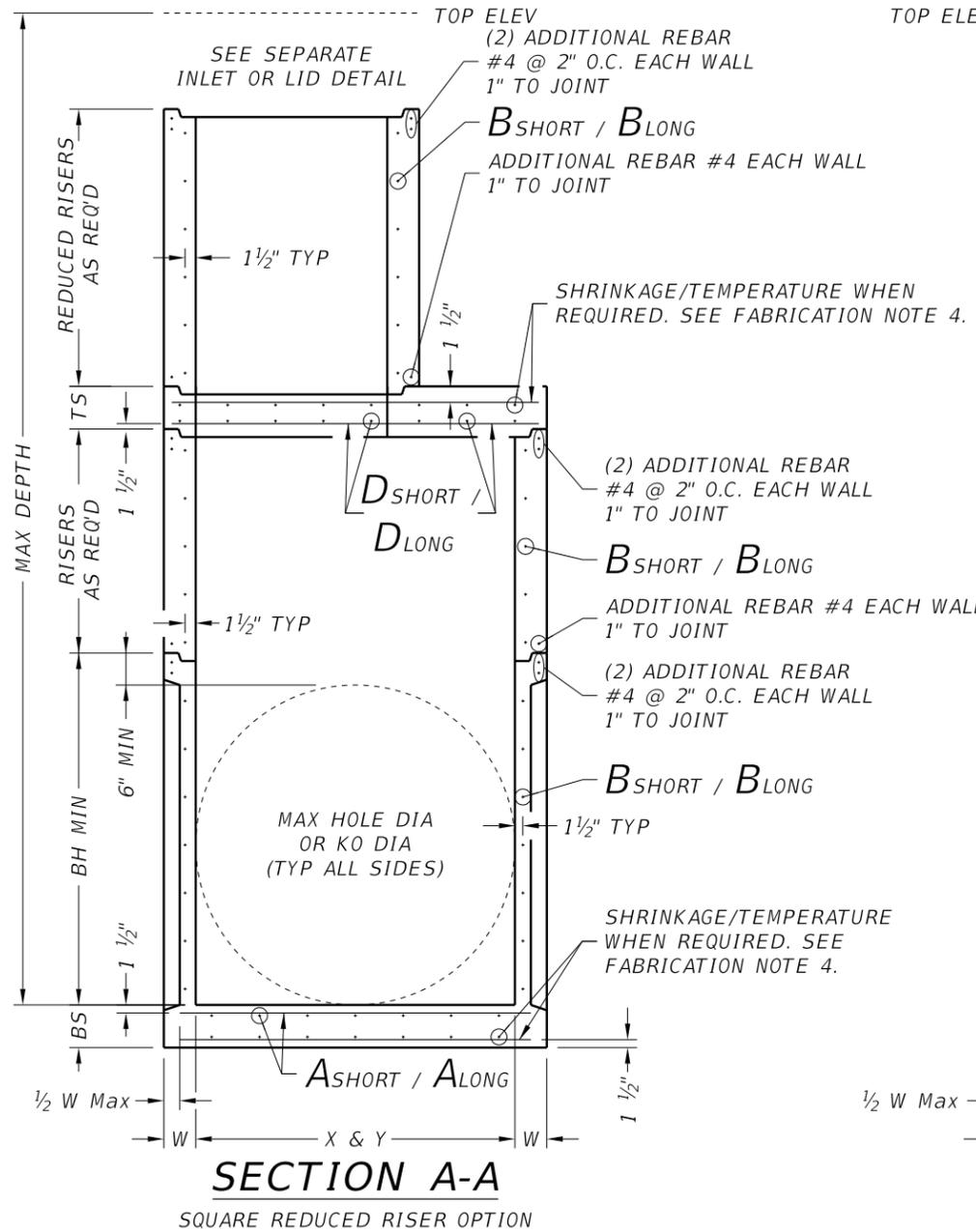
(3) VERTICAL REBAR IN BASE & RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER

(3) VERTICAL REBAR IN REDUCED RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER

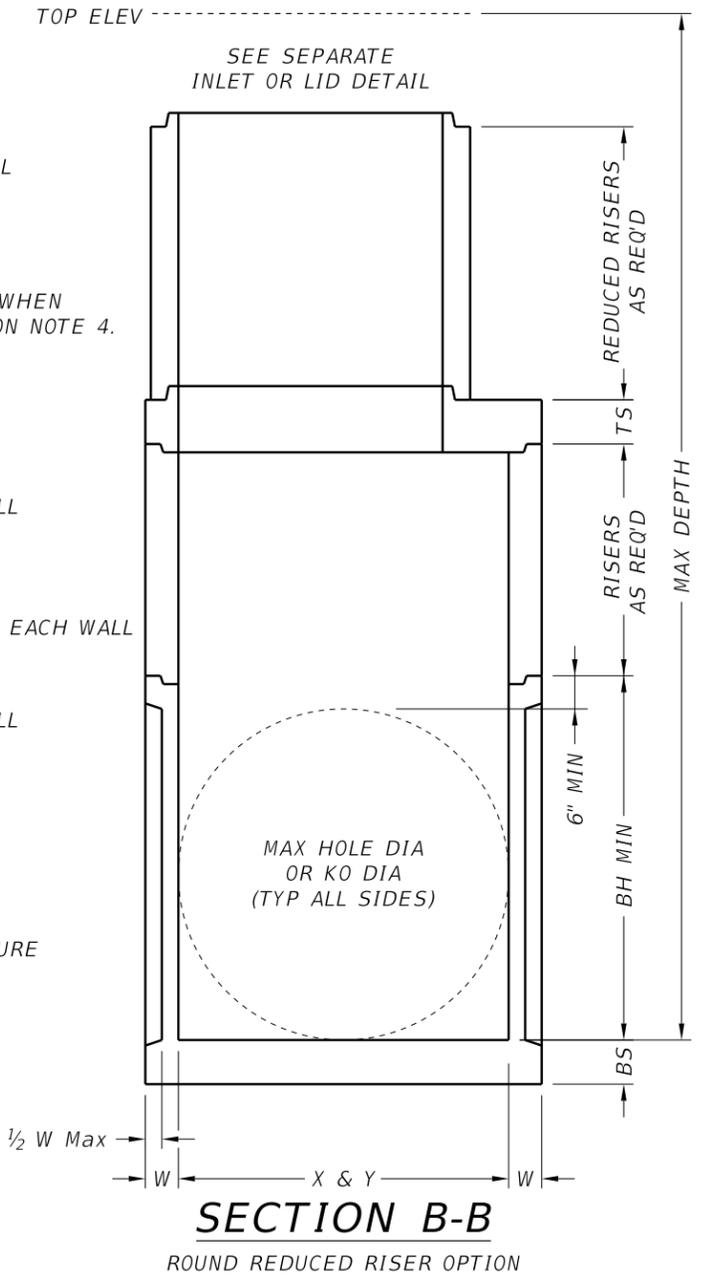


**PIPE CONNECTION DETAIL**

Connect pipes within 7° of normal to PB wall.  
If necessary, use pipe elbow or curved approach alignment to stay within this limit.



**SECTION A-A**  
SQUARE REDUCED RISER OPTION



**SECTION B-B**  
ROUND REDUCED RISER OPTION

**FABRICATION NOTES:**

1. Provide Class "H" concrete in accordance with Item 421 and having a minimum compressive strength of 5,000 psi.
2. Provide Grade 60 reinforcing steel or equivalent area of WWR.
3. Provide typical clear cover of 1 1/2" to reinforcing steel at interior or exterior walls.
4. Walls or slabs with a thickness of 8" or greater require shrinkage and temperature reinforcing steel. Provide steel area = 0.11 in<sup>2</sup>/ft each way.
5. No substitution is allowed for vertical and horizontal #4 bars in corners.
6. Manufacture base and risers to nearest 3" increment.
7. Design tongue and groove joints for full closure on both shoulders. Minimum spigot depth is 3/4".
8. Provide lifting devices in conformance with Manufacturer's recommendations.
9. See sheet PDD for sizes, dimensions, and reinforcing steel not shown.

**INSTALLATION NOTES:**

1. If required elsewhere. Inverts (benching) to be provided by Contractor. Concrete or mortar used for invert is subsidiary to specified inlet or manhole.
2. Seal tongue and groove joints with preformed or bulk mastic in conformance with Manufacturer's recommendations. Tongue and groove joints may be grouted no more than 1" between each section, or 1/2 the joint depth, whichever is greater.
3. Do not grout rubber gasket joints without Manufacturer's recommendation.
4. For rigid pipe, cut hole in thin wall panel (KO) 4" Max, 2" Min larger than pipe OD.
5. For flexible pipe, consult boot/seal Manufacturer's specification for placement tolerance and hole size. Center pipe in hole and install boot/seal per Manufacturer's specification.

**GENERAL NOTES:**

1. Precast Base consists of base slab, base unit, risers (as required), reducing slab (as required), and reduced risers (as required). See sheet PDD for sizes.
2. Designed according to ASTM C913.
3. Payment for precast base is subsidiary to the specified inlet, per Item 465, "Junction Boxes, Manholes, and Inlets."

Cover dimensions are clear dimensions, unless noted otherwise.

HL93 LOADING



Bridge Division Standard

**PRECAST BASE**

PB

FILE: CD-PB-20.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT February 2020	CONT	SECT	JOB	HIGHWAY
REVISIONS				
	DIST	COUNTY	SHEET NO.	

DATE:  
FILE:



**SUBMITTAL**

**No. 62-016-0209**

**SPEC SECTION: 476**

**TITLE:** Jack & Bore Operations and Procedures (72" LHPP)  
**PULICE PROJECT:** 62-016-HCRMA 365 TOLL  
CSJ: 0921-02-368

**DATE:** 9/4/2024  
**RESPONSE REQUIRED BY:** 9/11/2024

**TO:** Attn: Ramon Navarro, P.E., C.F.M.  
Chief Construction Engineer  
Hidalgo County Regional Mobility Authority  
203 W. Newcombe Avenue  
Pharr, TX 78577

**RECEIVED FROM:**

**IOC**

**SENT TO:**

**Ramon Navarro, P.E., C.F.M.**

REV No.	DESCRIPTION	RECEIVED	SENT	RETURNED
0	Jack & Bore Operations and Procedures (72" LHPP)	9/4/2024	9/4/2024	

**COMMENTS:** Find attached Electro-Hi jack & bore operations and procedures.

**RECEIVED**  
By Ramon Navarro IV, P.E. at 7:34 pm, Sep 04, 2024

**REQUESTED BY:** Luis Salinas

**DATE:** 9/4/2024

**SUBMITTAL SIGNED BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Please provide safety contingency plan.

SUBMITTAL No. 62-016-0209

- A) FURNISH AS SUBMITTED
- B) FURNISH AS NOTED
- C) REVISE AND RESUBMIT
- D) ACCEPTED FOR PROGRESS ONLY
- E) REVIEW NOT REQUIRED



Review and approval is for compatibility with design concept and general conformance with the contract documents. Review and approval does not extend to means, methods, techniques, sequences, or procedures of construction or safety precautions or programs. Review and approval shall not relieve Contractor from responsibility for complying with the requirements of the Contract Documents.

**BY:** Dan Paredes **DATE:** 9/10/2024

**PROJECT #:** CSJ: 0921-02-368

**PROJECT NAME:** HCRMA 365 TOLL



**Equipment;**

**American Auger 48/54/900 machine with tracks, and pusher  
Compressor, generator, wind fans, air hammers, small digging equipment**

**Operations;**

**Prepare bore pit at the designed elevation,  
Stair ground conditions for proper safety digging operations,  
Set-up ladders to proper safety conditions,  
Set tracks and machine,  
Set RCP Pipe in position,  
Set-up air ventilation within rcp pipe,  
Set-up small digging equipment,  
Dig in rcp pipe with small digging equipment ,  
Dig 2-3 in front of rcp pipe,  
Clear loose dirt, and push rcp pipe,  
Connect and coat or install proper joint compounds or gaskets,  
Clear machine after push procedure and continue to dig,  
Make sure personnel have ventilations and air,  
Make sure personnel take proper rests between pushes,  
Alternate personnel within rcp pipe,  
Continue to push and continue procedures to complete project,**

**Mobilization:**

**Equipment to be taken on 8/30/2024,  
Begin pit for machine,**

**All this work is tentative because of weather and clearance and availability of starting Toll 365 Project.**

We look forward in assisting you with these and other future projects. We have the personnel, equipment and experience to complete this projects in a timely manner.

Best Regards,

Cecilio Cavazos  
Electro-Hi, LLC  
956-434-1466  
electrohi@sbcglobal.net

# EQUIPMENT SPECIFICATIONS LIBRARY

## BASIC MODEL INFORMATION

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**Manufacturer:** American Augers

**Model:** 48-900S

[View Manufacturers](#)

[View Models](#)

## ADDITIONAL INFO

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### POWER TRAIN

Engine Type: Deutz BF4M1013 turbo diesel water cooled with electric start

Rating: 106HP (79kw) @ 230 RPM continuous duty

Torque: 342 ft-lbs (463Nm) @ 1400 RPM

Fuel capacity: 15 US gallons (55 litres)

Clutch: dry, spring applied 13 inch (330mm) diameter

Transmission ratios: Spicer five speed constant mesh

1st gear: 7.17:1

2nd gear: 4.21:1

3rd gear: 2.54:1

4th gear: 1.45:1

5th gear: 1.00:1

Reverse: 7.17:1

Gearbox ratio: 54.2:1

Auger drive: 4 inch hex (101.2mm)

Working range: 12 to 48 inch (305 to 1219mm) casing diameter

### TORQUE AND SPEED (max)

1st gear: 116,104 ft lb (157,437Nm), 6 RPM

2nd gear: 68,173 ft lb (92,442Nm), 10 RPM

3rd gear: 41,130 ft lb (55,773 Nm), 17 RPM

4th gear: 23,480 ft lb (31,839Nm), 29 RPM

5th gear: 16,193 ft lb (21,958Nm), 42 RPM

Reverse: 116,104 ft lb (157,437Nm), 6 RPM

### HYDRAULIC SYSTEM

Pressure: 6,000 PSI (41,370 kPa)

Thrust (max): 900,000 lb (4004 kn)



Pump type: Axial piston with load sensing constant speed or pressure control  
Output: 38 GPM (144 lit/min)  
Aud. Hyd. Pump: Gear type, 9 GPM (34 lit/min)  
Cylinders: Three 8 inch bore x 35 inch stroke (203.2 x 889 mm)  
Filter suction: Screen 149, mesh  
Filter return: Replacement element, 10 micron

#### WEIGHTS

Base ass'y split machine: 7,900 lbs (3585 kg)  
Sub frame ass'y split machine: 6,200 lbs (21815 kg)  
Casing pusher: 1,200 lbs (545 kg)  
Master track: 1,000 lb (454 kg)  
Extension track: 2,000 (910 kg)

#### STANDARD FEATURES

The model 48-900 comes with four base unit hook-roller holddown assemblies, low center line and wide stance to provide stability and to aid in the prevention of machine rollover. The spoil door is spring-loaded to deflect thrown debris. There is an emergency shut down switch at the operators station. Vivid graphics guide proper machine operations. Instruments include: engine tachometer, engine warning lights, hydraulic thrust pressure guage. Tack brake keeps machine from creeping while idling. Quick release hook rollers easily release from track.

This information is provided for informational purposes only. HDD Broker LLC cannot warrant the accuracy or completeness of this information. This information is subject to change by the manufacturer. Some specifications may vary by model year.

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## HCRMA - US 281 Cage BLVD Irrigation Line Precast JCT Boxes

### Description

The following calculation sheet calculates the uplift forces at each joint of the precast junction boxes. Two different scenarios were considered, junction box 1 & 5.

The following forces are considered:

- Soil Dead Load (+)
- Concrete Weight Dead Load (+)
- Buoyancy Forces (-)

*input*

Data input

*check*

Uplift Check

DRAFT



**General Site Data**

$\gamma_{soil} := 112 \text{ pcf}$

Soil Unit Weight - dry soil

$\gamma_w := 62.4 \text{ pcf}$

Water Unit Weight

$\gamma_{conc} := 150 \text{ pcf}$

Structural Concrete Unit Weight

$EL_{WSE} := 93 \text{ ft}$

Water Seasonal Elevation

LPILE Parameters

Bridge	Boreholes	Borehole Elevation	Groundwater Elevation	Elevation	LPILE Soil type	Effective Unit weight	Cohesion (Su)	Friction Angle	Soil Strain Factor	Subgrade Modulus (k)
-	-	ft	ft	ft	-	pcf	psf	°	$\epsilon_{50}$	pci
Jackson Road	B-6, B-7	100	65	100 to 90	Stiff Clay without Free Water	112	1500	---	0.008	525
				90 to 85	Stiff Clay without Free Water	58	3000	---	0.006	815
				85 to 80	Stiff Clay without Free Water	46	---	29	---	55
				75 to 65	Sand	48	---	30	---	60
				65 to 55	Sand	66	---	35	---	110
				55 to 15	Sand	48	---	30	---	60
US 281	B-34, B-36	96	77	96 to 82	Stiff Clay without Free Water	112	1500	---	0.008	525
				82 to 70	Sand	43	---	28	---	45
				70 to 40	Sand	58	---	34	---	100
				40 to 15	Sand	48	---	30	---	60

**72" Pipe**

$ID_{72} := 72 \text{ in}$

Inside Diameter

$t_{72} := 9.5 \text{ in}$

Pipe Wall Thickness

$OD_{72} := ID_{72} + 2 \cdot t_{72} = 91 \text{ in}$

Outside Diameter

$A_{72} := \pi \cdot (0.5 \cdot OD_{72})^2 = 6503.882 \text{ in}^2$

Pipe Area - outside diameter

**30" Pipe**

$ID_{30} := 30 \text{ in}$

Inside Diameter

$t_{30} := 5 \text{ in}$

Pipe Wall Thickness

$OD_{30} := ID_{30} + 2 \cdot t_{30} = 40 \text{ in}$

Outside Diameter

$A_{30} := \pi \cdot (0.5 \cdot OD_{30})^2 = 1256.637 \text{ in}^2$

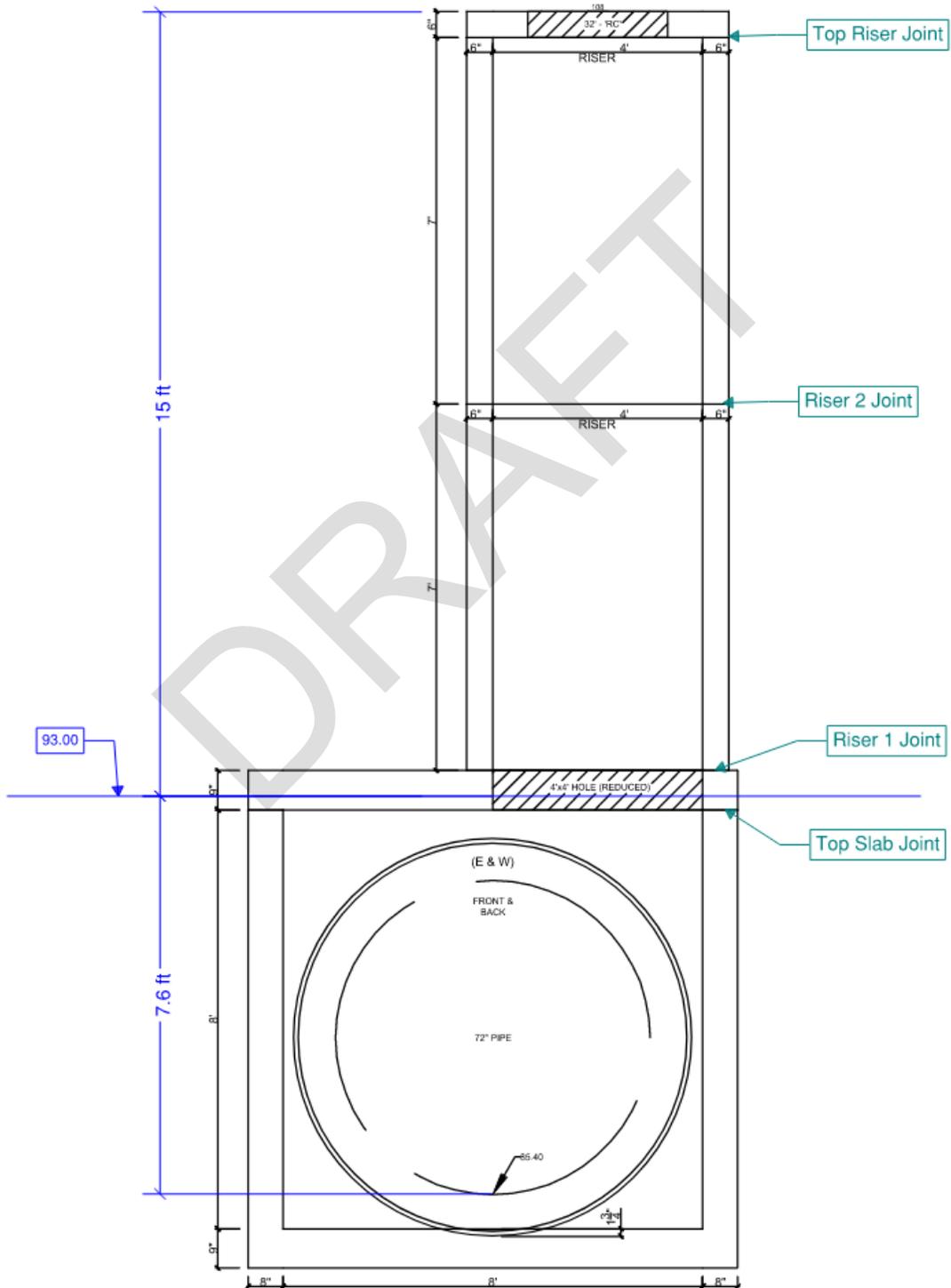
Pipe Area - outside diameter



**Junction Box #1**

Sta 1004 + 50.00  
72" Pipe Running E-W

Water Seasonal Elevation = 93'  
Top Elevation = 108'





## Geometry

$$\text{offset} := -2.5 \text{ in}$$

Bot of Pipe to Top of Base Slab Elev

$$X_B := 8 \text{ ft} \quad Y_B := 8 \text{ ft} \quad D_B := 8 \text{ ft}$$

Junction Box Dimensions

$$W_B := 8 \text{ in}$$

Junction Box Wall Thickness

$$D_{BS} := 9 \text{ in}$$

Base Slab Thickness

$$D_{TS} := 9 \text{ in}$$

Top Slab Thickness

$$X_{BS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{BS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Base Slab Widths

$$X_{TS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{TS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Top Slab Widths

$$x_{riser} := 4 \text{ ft} \quad y_{riser} := 4 \text{ ft} \quad D_{riser} := 7 \text{ ft}$$

Riser Dimensions

$$t_{riser} := 6 \text{ in}$$

Riser Wall Thickness

$$n_{riser} := 2$$

Number of Risers

$$A_{riser} := (x_{riser} + 2 t_{riser}) \cdot (y_{riser} + 2 t_{riser}) = 25 \text{ ft}^2$$

Outside Riser Area

$$A_{hole} := x_{riser} \cdot y_{riser} = 16 \text{ ft}^2$$

Riser Hole Area @ Box Top Slab

$$t_{r.top} := 6 \text{ in}$$

Riser Cover Thickness

$$d_{r.top} := 32 \text{ in}$$

Riser Cover Opening Diameter

$$A_{r.top} := \pi \cdot (0.5 \cdot d_{r.top})^2$$

Riser Cover Opening Area



### Elevations

$EL_{WSE} = 93 \text{ ft}$	Recall Water Seasonal Elevation
$EL_{riser} := 108 \text{ ft}$	Top of Riser Cover Elevation
$EL_{FG} := EL_{riser} - 6 \text{ in}$	Finished Grade Elevation - to be assumed 6 in below top of riser cover
$EL_{inv} := 85.34 \text{ ft}$	Pipe Invert Elevation
$EL_{b,BS} := EL_{inv} - t_{72} - offset - D_{BS} = 84.007 \text{ ft}$	Bottom of Base Slab Elevation
$EL_{t,BS} := EL_{b,BS} + D_{BS} = 84.757 \text{ ft}$	Top of Base Slab Elevation
$EL_{b,TS} := EL_{t,BS} + D_B = 92.757 \text{ ft}$	Bottom of Top Slab Elevation
$EL_{t,TS} := EL_{b,TS} + D_{TS} = 93.507 \text{ ft}$	Top of Top Slab Elevation
$EL_{riser1} := EL_{t,TS} + D_{riser} = 100.507 \text{ ft}$	Elevation at top of riser 1
$EL_{riser2} := EL_{t,TS} + 2 D_{riser} = 107.507 \text{ ft}$	Elevation at top of riser 2

### Concrete Volume

$V_{BS} := D_{BS} \cdot X_{BS} \cdot Y_{BS} = 65.333 \text{ ft}^3$	Volume of Base Slab
$A_{TS} := X_{TS} \cdot Y_{TS} - A_{hole}$	Area of top slab
$V_{TS} := D_{TS} \cdot (A_{TS}) = 53.333 \text{ ft}^3$	Volume of Top Slab
$V_{wall,EW} := 2 (X_{TS} \cdot D_B - A_{72}) \cdot W_B = 39.334 \text{ ft}^3$	Volume of E & W Walls
$V_{wall,NS} := 2 (X_{TS} \cdot D_B) \cdot W_B = 99.556 \text{ ft}^3$	Volume of N & S Walls
$V_{wall} := V_{wall,EW} + V_{wall,NS} = 138.89 \text{ ft}^3$	Total Volume of Walls
$V_{box} := V_{wall} + V_{BS} = 204.223 \text{ ft}^3$	Total Volume of Precast Box
$V_{riser} := n_{riser} \cdot (A_{riser} - A_{hole}) \cdot D_{riser} = 126 \text{ ft}^3$	Volume of Risers
$V_{cover} := (A_{riser} - A_{r,top}) \cdot t_{r,top} = 9.707 \text{ ft}^3$	Volume of Riser Cover



## Forces

### Concrete Weight

$W_{box} := \gamma_{conc} \cdot V_{box} = 30.633 \text{ kip}$	Weight of precast box
$W_{TS} := \gamma_{conc} \cdot V_{TS} = 8 \text{ kip}$	Weight of top slab
$W_{riser} := \gamma_{conc} \cdot V_{riser} = 18.9 \text{ kip}$	Weight of risers
$W_{cover} := \gamma_{conc} \cdot V_{cover} = 1.456 \text{ kip}$	Weight of riser cover
$W_{conc} := W_{box} + W_{TS} + W_{riser} + W_{cover} = 58.99 \text{ kip}$	Total Concrete Weight

### Soil Weight

$V_{soil} := (X_{TS} \cdot Y_{TS} - A_{riser}) \cdot (EL_{FG} - EL_{t,TS}) = 869.141 \text{ ft}^3$	Volume of Soil over Box
$W_{soil} := V_{soil} \cdot \gamma_{soil} = 97.344 \text{ kip}$	Weight of Soil over Box

### Buoyancy Force

$offset_{TS} := EL_{WSE} - EL_{b,TS} = 2.92 \text{ in}$	Depth of top slab submerged in water
$V_{sub,TS} := X_{TS} \cdot Y_{TS} \cdot offset_{TS} = 21.197 \text{ ft}^3$	volume of water displaced @ bot of top slab
$V_{sub,box} := X_{BS} \cdot Y_{BS} \cdot (D_{BS} + D_B) = 762.222 \text{ ft}^3$	volume of water displaced from junction box
$W_{sub,TS} := \gamma_w \cdot V_{sub,TS} = 1.323 \text{ kip}$	weight of water displaced @ bot of top slab
$V_{sub} := V_{sub,TS} + V_{sub,box} = 783.419 \text{ ft}^3$	total volume of water displaced
$W_{sub} := \gamma_w \cdot V_{sub} = 48.885 \text{ kip}$	total weight of water displaced



### Total System Equilibrium

$$F_{total1} := W_{conc} + W_{soil} - W_{sub} = 107.448 \text{ kip} \quad \text{Assuming Junction Box is not filled with water.}$$

$$\text{if}(F_{total1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

$$F_{total2} := W_{conc} + W_{soil} = 156.333 \text{ kip} \quad \text{Assuming Junction Box is filled with water.}$$

$$\text{if}(F_{total2} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Top Slab Joint

$$F_{TS1} := (W_{conc} - W_{box}) + W_{soil} - W_{sub.TS} = 124.377 \text{ kip}$$

$$\text{if}(F_{TS1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Riser 1 Joint

$$F_{r1} := (W_{cover} + W_{riser}) = 20.356 \text{ kip}$$

$$\text{if}(F_{r1} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Riser 2 Joint

$$F_{r2} := W_{cover} + \frac{W_{riser}}{n_{riser}} = 10.906 \text{ kip}$$

$$\text{if}(F_{r2} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$

### Force at Top Riser Joint

$$F_{top} := W_{cover} = 1.456 \text{ kip}$$

$$\text{if}(F_{top} > 0, \text{"No Uplift, OK"}, \text{"Uplift, NG"}) = \text{"No Uplift, OK"}$$





## Geometry

$$\text{offset} := -3.5 \text{ in}$$

Bot of Pipe to Top of Base Slab Elev

$$X_B := 8 \text{ ft} \quad Y_B := 8 \text{ ft} \quad D_B := 8 \text{ ft}$$

Junction Box Dimensions

$$W_B := 8 \text{ in}$$

Junction Box Wall Thickness

$$D_{BS} := 9 \text{ in}$$

Base Slab Thickness

$$D_{TS} := 9 \text{ in}$$

Top Slab Thickness

$$X_{BS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{BS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Base Slab Widths

$$X_{TS} := X_B + 2 \cdot W_B = 112 \text{ in} \quad Y_{TS} := Y_B + 2 \cdot W_B = 112 \text{ in}$$

Top Slab Widths

$$x_{riser} := 4 \text{ ft} \quad y_{riser} := 4 \text{ ft} \quad D_{riser} := 2.5 \text{ ft}$$

Riser Dimensions

$$t_{riser} := 6 \text{ in}$$

Riser Wall Thickness

$$n_{riser} := 1$$

Number of Risers

$$A_{riser} := (x_{riser} + 2 t_{riser}) \cdot (y_{riser} + 2 t_{riser}) = 25 \text{ ft}^2$$

Riser Area

$$A_{hole} := x_{riser} \cdot y_{riser} = 16 \text{ ft}^2$$

Riser Hole Area @ Box Top Slab

$$t_{r.top} := 6 \text{ in}$$

Riser Cover Thickness

$$d_{r.top} := 32 \text{ in}$$

Riser Cover Opening Diameter

$$A_{r.top} := \pi \cdot (0.5 \cdot d_{r.top})^2$$

Riser Cover Opening Area



### Elevations

$EL_{WSE} = 93 \text{ ft}$	Recall Water Seasonal Elevation
$EL_{riser} := 96 \text{ ft}$	Top of Riser Elevation
$EL_{FG} := EL_{riser} - 6 \text{ in}$	Finished Grade Elevation - to be assumed 6 in below top of riser cover
$EL_{inv} := 84.75 \text{ ft}$	Pipe Invert Elevation
$EL_{b.BS} := EL_{inv} - t_{72} - offset - D_{BS} = 83.5 \text{ ft}$	Bottom of Base Slab Elevation
$EL_{t.BS} := EL_{b.BS} + D_{BS} = 84.25 \text{ ft}$	Top of Base Slab Elevation
$EL_{b.TS} := EL_{t.BS} + D_B = 92.25 \text{ ft}$	Bottom of Top Slab Elevation
$EL_{t.TS} := EL_{b.TS} + D_{TS} = 93 \text{ ft}$	Top of Top Slab Elevation
$EL_{riser1} := EL_{t.TS} + D_{riser} = 95.5 \text{ ft}$	Elevation at top of riser 1

### Concrete Volume

$V_{BS} := D_{BS} \cdot X_{BS} \cdot Y_{BS} = 65.333 \text{ ft}^3$	Volume of Base Slab
$A_{TS} := X_{TS} \cdot Y_{TS} - A_{hole}$	Area of top slab
$V_{TS} := D_{TS} \cdot (A_{TS}) = 53.333 \text{ ft}^3$	Volume of Top Slab
$V_{wall.EW} := 2 (X_{TS} \cdot D_B - A_{72}) \cdot W_B = 39.334 \text{ ft}^3$	Volume of E & W Walls
$V_{wall.NS} := (2 X_{TS} \cdot D_B - A_{30}) \cdot W_B = 93.738 \text{ ft}^3$	Volume of N & S Walls
$V_{wall} := V_{wall.EW} + V_{wall.NS} = 133.072 \text{ ft}^3$	Total Volume of Walls
$V_{box} := V_{wall} + V_{BS} = 198.406 \text{ ft}^3$	Total Volume of Precast Box
$V_{riser} := n_{riser} \cdot (A_{riser} - A_{hole}) \cdot D_{riser} = 22.5 \text{ ft}^3$	Volume of Risers
$V_{cover} := (A_{riser} - A_{r.top}) \cdot t_{r.top} = 9.707 \text{ ft}^3$	Volume of Riser Cover



## Forces

### Concrete Weight

$W_{box} := \gamma_{conc} \cdot V_{box} = 29.761 \text{ kip}$	Weight of precast box
$W_{TS} := \gamma_{conc} \cdot V_{TS} = 8 \text{ kip}$	Weight of top slab
$W_{riser} := \gamma_{conc} \cdot V_{riser} = 3.375 \text{ kip}$	Weight of risers
$W_{cover} := \gamma_{conc} \cdot V_{cover} = 1.456 \text{ kip}$	Weight of riser cover
$W_{conc} := W_{box} + W_{TS} + W_{riser} + W_{cover} = 42.592 \text{ kip}$	Total Concrete Weight

### Soil Weight

$V_{soil} := (X_{TS} \cdot Y_{TS} - A_{riser}) \cdot (EL_{FG} - EL_{t,TS}) = 155.278 \text{ ft}^3$	Volume of Soil over Box
$W_{soil} := V_{soil} \cdot \gamma_{soil} = 17.391 \text{ kip}$	Weight of Soil over Box

### Buoyancy Force

$offset_{TS} := EL_{WSE} - EL_{b,TS} = 9 \text{ in}$	Depth of top slab submerged in water
$V_{sub,TS} := X_{TS} \cdot Y_{TS} \cdot offset_{TS} = 65.333 \text{ ft}^3$	volume of water displaced @ bot of top slab
$V_{sub,box} := X_{BS} \cdot Y_{BS} \cdot (D_{BS} + D_B) = 762.222 \text{ ft}^3$	volume of water displaced from junction box
$W_{sub,TS} := \gamma_w \cdot V_{sub,TS} = 4.077 \text{ kip}$	weight of water displaced @ bot of top slab
$V_{sub} := V_{sub,TS} + V_{sub,box} = 827.556 \text{ ft}^3$	total volume of water displaced
$W_{sub} := \gamma_w \cdot V_{sub} = 51.639 \text{ kip}$	total weight of water displaced



### Total System Equilibrium

$$F_{total1} := W_{conc} + W_{soil} - W_{sub} = 8.344 \text{ kip} \quad \text{Assuming Junction Box is not filled with water.}$$

if ( $F_{total1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

$$F_{total2} := W_{conc} + W_{soil} = 59.983 \text{ kip} \quad \text{Assuming Junction Box is filled with water.}$$

if ( $F_{total2} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Top Slab Joint

$$F_{TS1} := (W_{conc} - W_{box}) + W_{soil} - W_{sub.TS} = 26.145 \text{ kip}$$

if ( $F_{TS1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Riser Joint

$$F_{r1} := W_{cover} + W_{riser} = 4.831 \text{ kip}$$

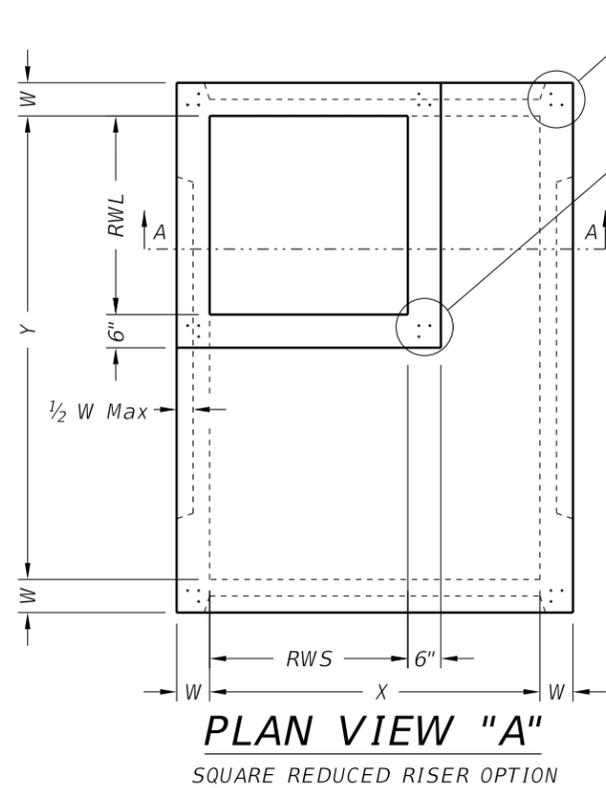
if ( $F_{r1} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

### Force at Top Riser Joint

$$F_{top} := W_{cover} = 1.456 \text{ kip}$$

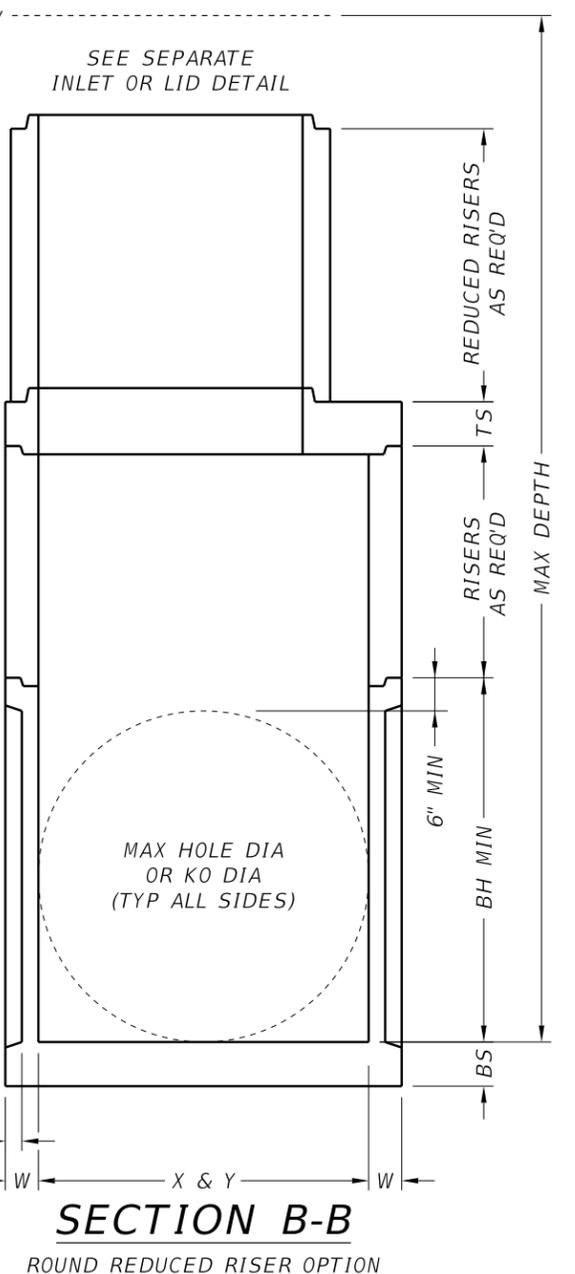
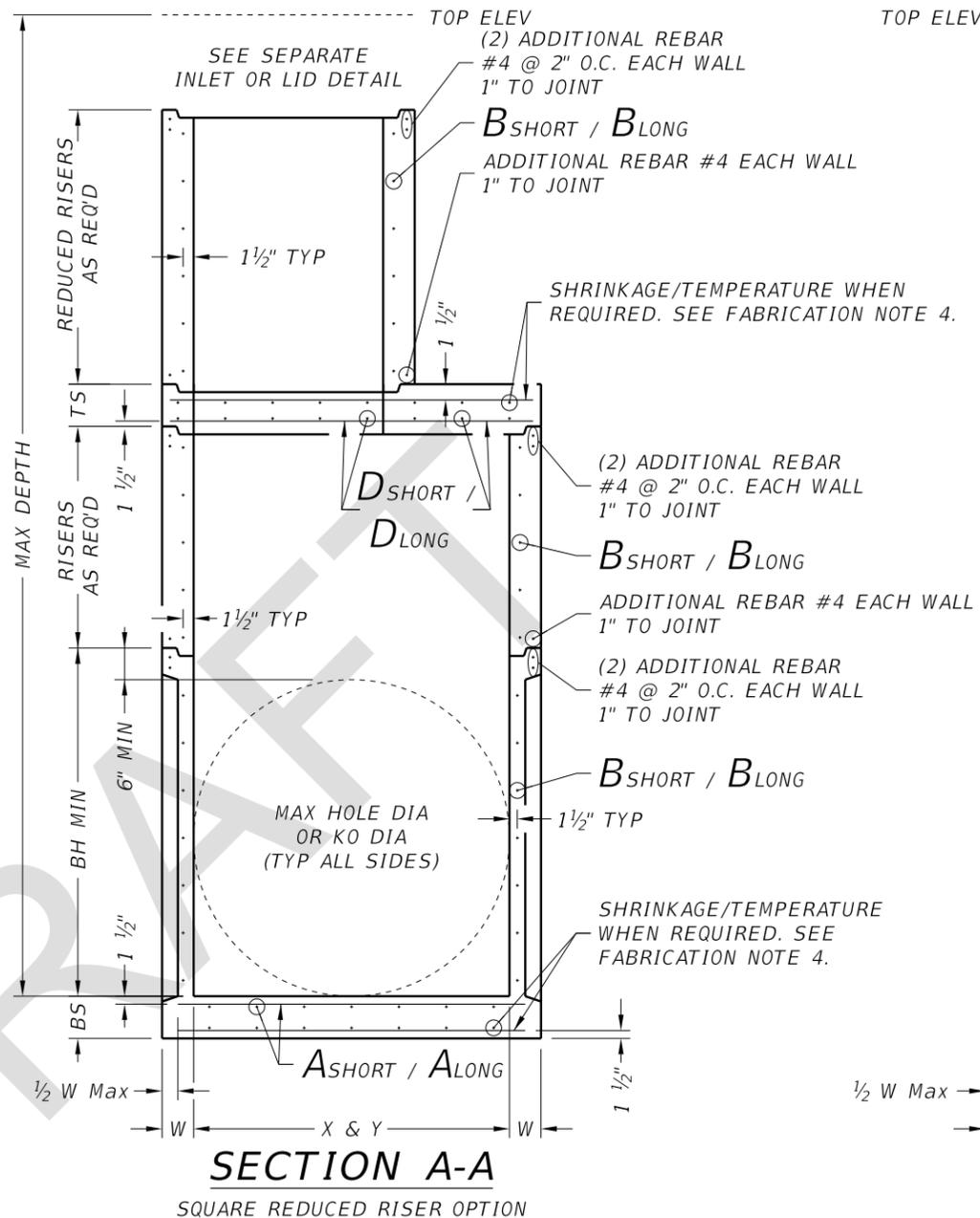
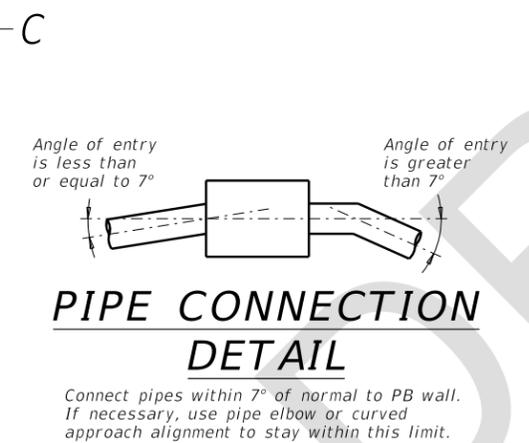
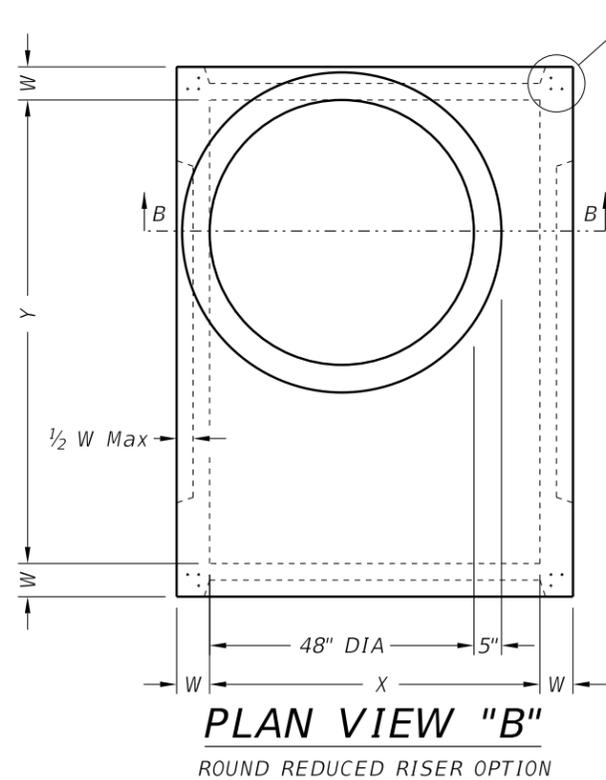
if ( $F_{top} > 0$ , "No Uplift, OK", "Uplift, NG") = "No Uplift, OK"

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(3) VERTICAL REBAR IN BASE & RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER

(3) VERTICAL REBAR IN REDUCED RISERS  
#4 @ 2" O.C. EACH CORNER  
2" TO CORNER



**FABRICATION NOTES:**

1. Provide Class "H" concrete in accordance with Item 421 and having a minimum compressive strength of 5,000 psi.
2. Provide Grade 60 reinforcing steel or equivalent area of WWR.
3. Provide typical clear cover of 1 1/2" to reinforcing steel at interior or exterior walls.
4. Walls or slabs with a thickness of 8" or greater require shrinkage and temperature reinforcing steel. Provide steel area = 0.11 in<sup>2</sup>/ft each way.
5. No substitution is allowed for vertical and horizontal #4 bars in corners.
6. Manufacture base and risers to nearest 3" increment.
7. Design tongue and groove joints for full closure on both shoulders. Minimum spigot depth is 3/4".
8. Provide lifting devices in conformance with Manufacturer's recommendations.
9. See sheet PDD for sizes, dimensions, and reinforcing steel not shown.

**INSTALLATION NOTES:**

1. If required elsewhere. Inverts (benching) to be provided by Contractor. Concrete or mortar used for invert is subsidiary to specified inlet or manhole.
2. Seal tongue and groove joints with preformed or bulk mastic in conformance with Manufacturer's recommendations. Tongue and groove joints may be grouted no more than 1" between each section, or 1/2 the joint depth, whichever is greater.
3. Do not grout rubber gasket joints without Manufacturer's recommendation.
4. For rigid pipe, cut hole in thin wall panel (KO) 4" Max, 2" Min larger than pipe OD.
5. For flexible pipe, consult boot/seal Manufacturer's specification for placement tolerance and hole size. Center pipe in hole and install boot/seal per Manufacturer's specification.

**GENERAL NOTES:**

1. Precast Base consists of base slab, base unit, risers (as required), reducing slab (as required), and reduced risers (as required). See sheet PDD for sizes.
2. Designed according to ASTM C913.
3. Payment for precast base is subsidiary to the specified inlet, per Item 465, "Junction Boxes, Manholes, and Inlets."

Cover dimensions are clear dimensions, unless noted otherwise.

HL93 LOADING



**PRECAST BASE**

PB

FILE: CD-PB-20.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT February 2020	CONT	SECT	JOB	HIGHWAY
REVISIONS				
	DIST	COUNTY		SHEET NO.

DATE:  
FILE: