



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD OF DIRECTORS MEETING FOR OCTOBER 2021

HCRMA Board of Directors

S. David Deanda, Jr., Chairman

Forrest Runnels, Vice-Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Alonzo Cantu, Director

Paul S. Moxley, Director

Francisco “Frank” Pardo, Director

Joaquin Spamer, Director

HCRMA Administrative Staff

Pilar Rodriguez, PE, Executive Director

Eric Davila, PE, PMP, CCM, Chief Dev. Eng.

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

Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.

Jose Castillo, Chief Financial Ofcr.

General Engineering Consultant

HDR ENGINEERING, INC.

***Report on HCRMA Program Management Activity
Chief Development Engineer – Eric Davila, PE, PMP, CCM***

► OVERVIEW

- ❑ 365 TOLL Project Overview
- ❑ IBTC Project Overview
- ❑ Overweight Permit Summary
- ❑ Construction Economics Update

MISSION STATEMENT:

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



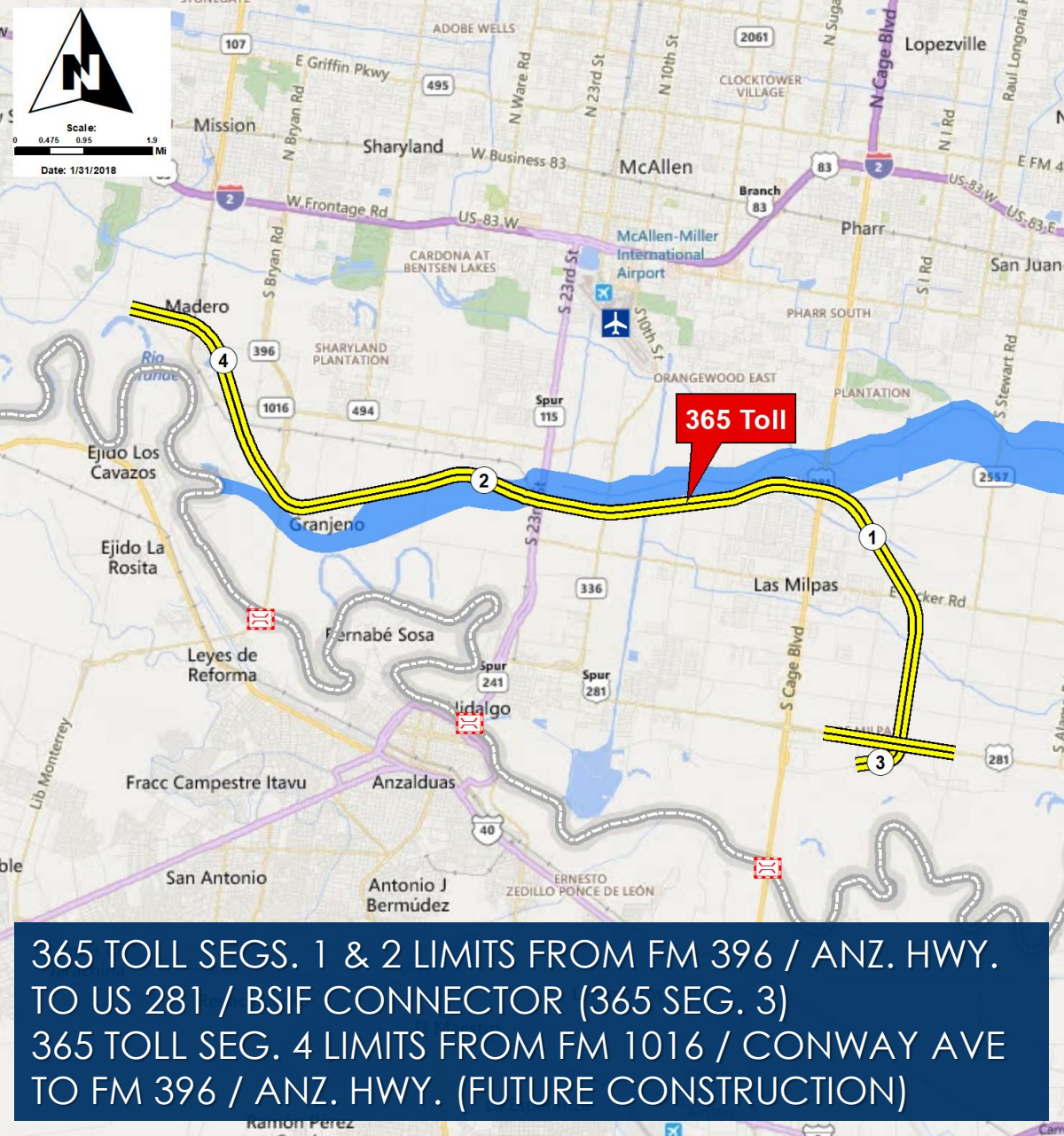
SYSTEM WIDE

PDA – Project Development Agreement
FAA – Financial Assistance Agreement
TIP – Transportation Improvement Program (Short range)
MTP – Metropolitan Transportation Plan (Long Range)

► Post 2021 UTP APPROVAL

- ❑ Approval of 2021 UTP (Aug 2020)
 - 365 Toll: gap-funded construction funding was budgeted in 2021 UTP Update in 12/2020. On 06/2021 a 2nd FAA was granted to assign the gap funding contingent upon successful contract execution and sale of toll revenue bonds.
 - IBTC: funds listed under Cat 12 / TBD needs revised PDA and direction from TxDOT as to whether approved funding can be used for advanced planning (e.g. design, ROW, and/or utility) work.
- ❑ What's in the RGVMPO (Local Plan)
 - 365 Toll Project (TIP / MTP) thru construction
 - IBTC Project (TIP / MTP) thru design (pending funding commitments for construction)





MAJOR MILESTONES:

NEPA CLEARANCE
07/03/2015

98% ROW ACQUIRED

PH 1: 365 SEG. 3 –
LET: 08/2015
COMPLETED

PH 2: 365 TOLL
SEGS. 1 & 2 –
RE-LET: 2021

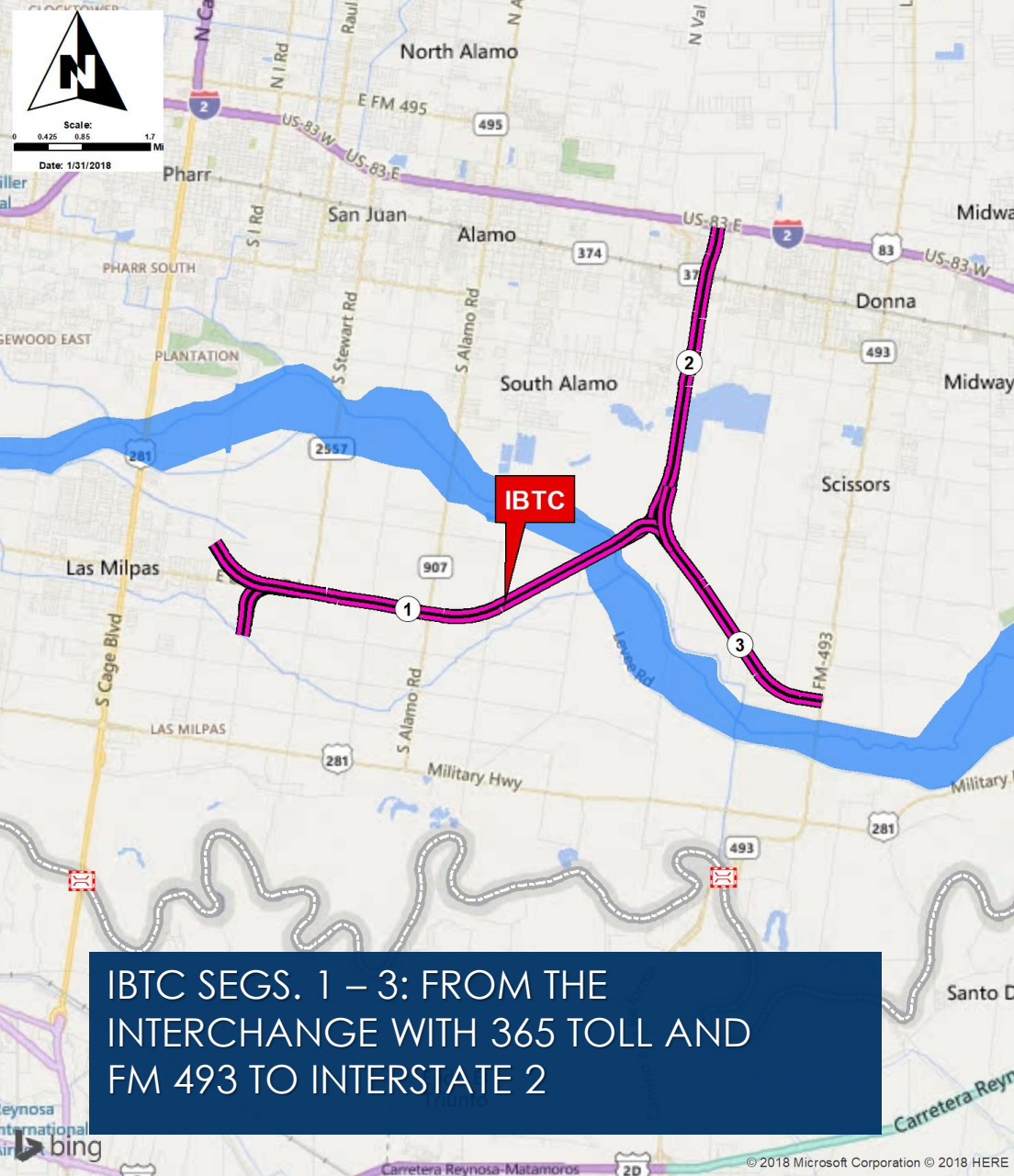


► SCHEDULE:

365 TOLL

- ❑ ~~12/2021~~, TxDOT processed the Federal Project Authorization and Agreement (FPAA) Modification for the gap funding on 365 Tollway,
- ❑ ~~03/2021~~, TxDOT amended the Federal Project Authorization and Agreement (FPAA) with FHWA,
- ❑ ~~06/2021~~, TTC to read a Minute Order (M.O.) for a 2nd FAA to incorporate the gap funding into the project,
- ❑ ~~Early 08/2021~~, TxDOT to provide “release to advertise” notice to HCRMA,
- ❑ **08/08/2021 - 10/13/2021**, HCRMA to advertise the 365 Toll (66 days), hold prebid 08/31/2021, and open bids 10/13/2021,
- ❑ **10/19/2021**, HCRMA Approves Award of Contract,
- ❑ **10/20/2021 - 10/22/2021**, HCRMA meets with rating agencies, prices bonds,
- ❑ **12/01/2021**, Receive TxDOT PHR/CST concurrence with award of contract,
- ❑ **12/14/2021**, HCRMA closes toll revenue bonds,
- ❑ **01/2022**, Commence 42-month construction, and
- ❑ **07/2025**, Open to traffic.





IBTC

MAJOR MILESTONES:

OBTAINED EA ENV
CLASSIF.: 11/2017

EST. NEPA CLEARANCE:
LATE FALL 2021

EST. OPEN: EARLY 2027



International Bridge Trade Corridor (IBTC) (CSJ: 0921-02-142)

(From the Interchange with 365 Toll and FM 493 to Interstate 2)

Project Milestones	2021												2022												2023												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Environmental (Ongoing)																																					
Surveys (65%)																																					
ROW Title Research / Appraisals																																					
ROW Acquisition (Remaining)																																					
Plans, Specs., & Estimates																																					
Utility Coord / Relocation																																					
Constr. Contract Letting Phase																																					
Constr. Award / Commence																																					

CONSTRUCTION FROM 2024-2027



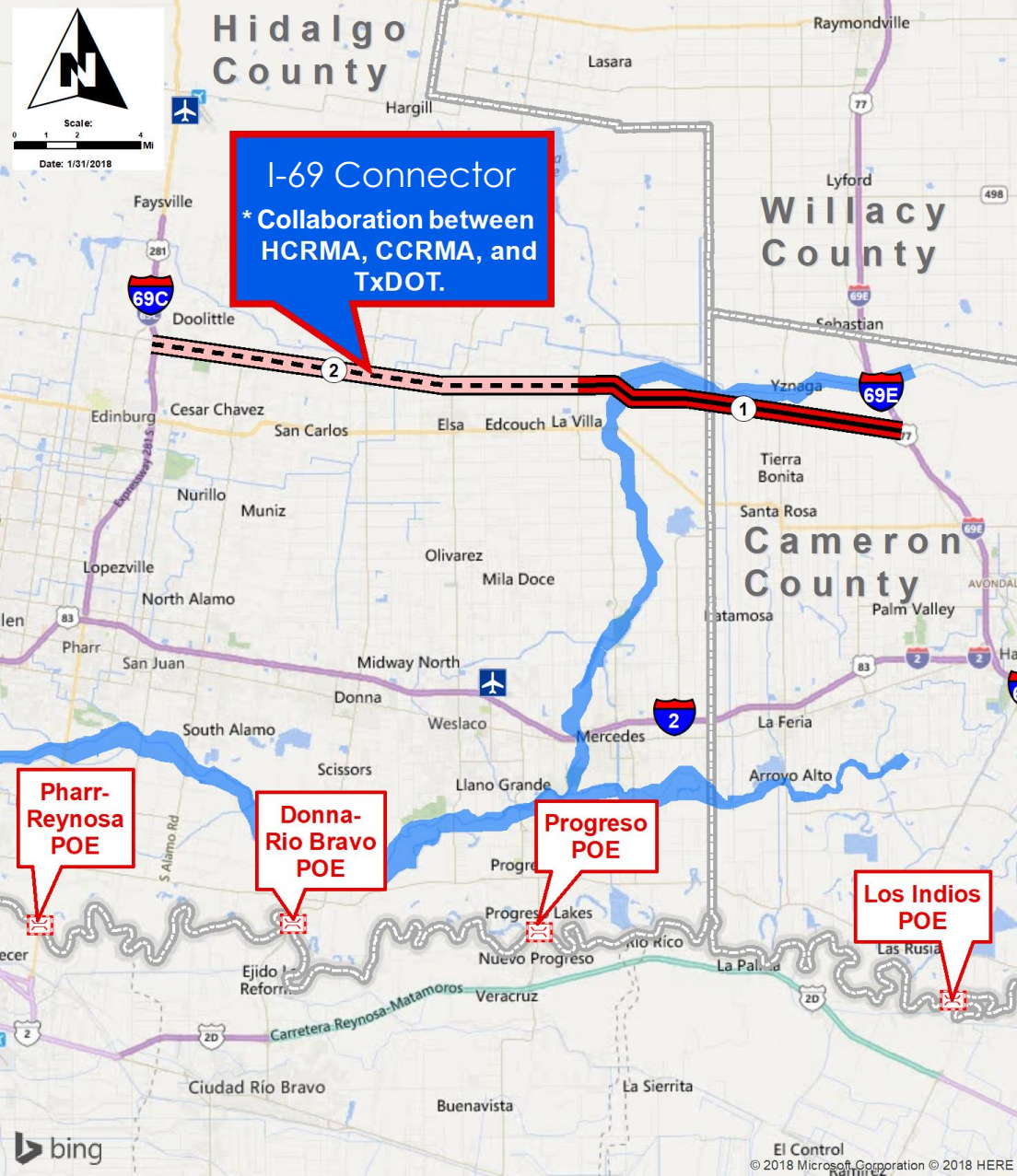
► ADVANCE PLANNING

- ❑ Env.: Classification Letter and Scoping Toolkit Submitted Aug 2017
- ❑ Held IBTC Environmental Kick off with TxDOT PHR / ENV April 6, 2018.
- ❑ VRF UTP Matching Funds request processed at the HCMPO—pending adoption by TxDOT at State Level.
- ❑ All env. fieldwork complete: Waters of the US and Archeological trenching—Internal ROE efforts were instrumental to accelerating this work.
- ❑ Meeting held with EPA/TCEQ/TxDOT to discuss Donna Reservoir site for the Hazmat portion of the NEPA Document Oct 2018.
- ❑ Public Meeting took place at Donna High School March 29, 2019.
- ❑ All major milestone reports submitted and undergoing reviews: Project Description, Hazmat, Historic Resources, Public Meeting Summary Report, Waters of the US, and Archaeological Resources.
- ❑ Pending review / approval from TxDOT on: Noise Report, Archaeological Mitigation Plan, and CIC Report – so that final document can be submitted.

► OTHER:

- ❑ Surveys (65% complete) – anticipate new survey pool procurement once TxDOT approves new federalized procurement procedures by end of Fall 2019.
- ❑ ROW Acquisition (5% complete)
- ❑ Utility Relo. (SUE 100%, coordination initiated, Overall 20%)
- ❑ Design (PS&E, 50% complete): On Hold





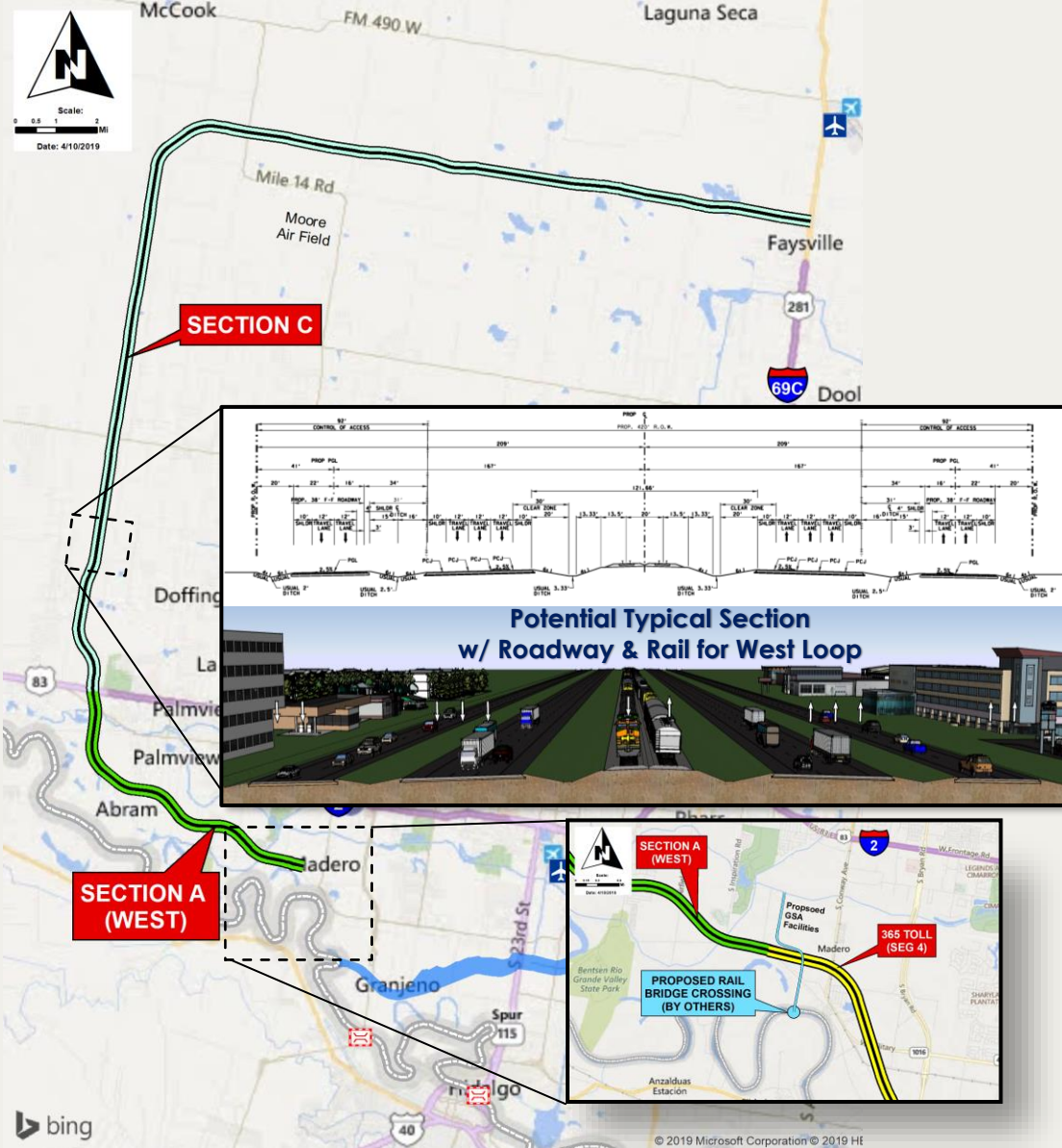
I-69 Connector

(COLLABORATION W/ TxDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- ▶ PROJECT LENGTH ~27 MILES
- ▶ FROM I-69C IN HIDALGO COUNTY TO I-69-E IN CAMERON COUNTY
- ▶ KEY PARALLEL CORRIDOR TO I-2 WITH IMPORTANCE TO MOBILITY PROJECTS BY TxDOT, CCRMA AND HCRMA
- ▶ TxDOT COMMITTED SUPPLEMENTAL DEVELOPMENT AUTHORITY FUNDS FOR THE ENTIRE 27 MILE CORRIDOR AS AN EXPRESSWAY FACILITY.
- ▶ TxDOT HAS COMMITTED TO FUNDING THE DEVELOPMENT OF THE SCHEMATIC DESIGN AND ENVIRONMENTAL DOCUMENTS.
- ▶ FEASIBILITY STUDIES KICKED OFF WITH A STAKEHOLDER MEETING OCT 2019.
- ▶ PUBLIC MEETING ON FEASIBILITY STUDIES HELD DECEMBER 2019.





WEST LOOP

SECTION A(WEST) / SECTION C

***COMPLIMENTS PROPOSED MISSION/MADERO-REYNOSA INTERNATIONAL BORDER CROSSING (BY OTHERS)**

DESCRIPTION:

- ▶ COMBINED PROJECT LENGTH:
38 MILES FROM FM 1016 / CONWAY AVE (MISSION/MADERO) TO I-69C (NORTH EDINBURG)
- ▶ LIKELY TO BE CLASSIFIED AS AN ENVIRONMENTAL IMPACT STATEMENT (EIS) NEPA DOCUMENT (36 TO 48 MONTHS)—TO BE ENGAGED AFTER IBTC ENV.
- ▶ POTENTIAL FOR CLASS I RAIL WITHIN THE ROW PENDING DEVELOPMENTS FOR RAIL CROSSING IN MISSION AREA.
- ▶ INTERLOCAL AGREEMENT IN PLACE WITH CITY OF MISSION FOR HCRMA'S ASSISTANCE WITH ENVIRONMENTAL CLEARANCE EFFORTS.
- ▶ MARCH 2020 - HELD AN ILA KICK OFF MEETING WITH THE CITY OF MISSION TO BEGIN ALIGNING ENV. CLEARANCE EFFORTS WITH THE CITY'S INTENDED OVERALL PROJECT PLAN.
- ▶ MAY 2020 – HCRMA PROVIDED CITY OF MISSION W DRAFT SCOPES FOR ENV / TRAFFIC ENG. FOR THEIR PROPOSED ENV. CLEARANCE EFFORTS AT THE PROPOSED RAIL BRIDGE CROSSING.
- ▶ SEPTEMBER 2020 – TXDOT APPROVED CITY OF MISSION PROCUREMENT RULES TO ALIGN WITH THE "FEDERAL PROCESS"

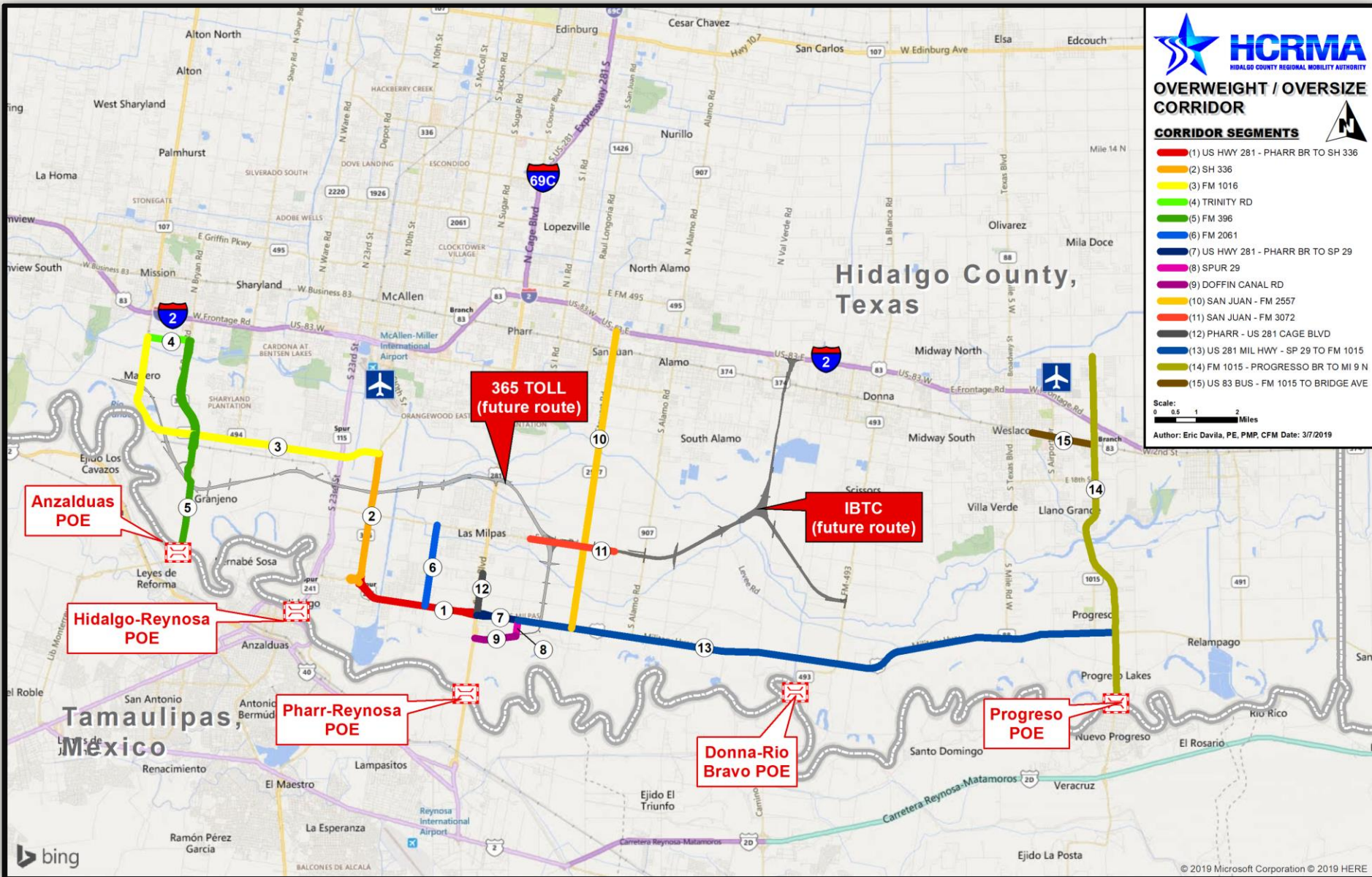


OVERWEIGHT / OVERSIZE CORRIDOR

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

Scale: 0 0.5 1 2 Miles
 Author: Eric Davila, PE, PMP, CFM Date: 3/7/2019



► **OVERWEIGHT REPORT FOR PERIOD:
JAN 1, 2014 – SEP 30, 2021**

OW

Total Permits Issued:	216,083
Total Amount Collected:	\$ 34,760,488
■ Convenience Fees:	\$ 707,688
■ Total Permit Fees:	\$ 34,052,800
– Pro Miles:	\$ 648,249
– TxDOT:	\$ 28,944,880
– HCRMA:	\$ 4,459,671



► **OVERWEIGHT REPORT FOR PERIOD:**
JAN 1, 2021 – SEP 30, 2021

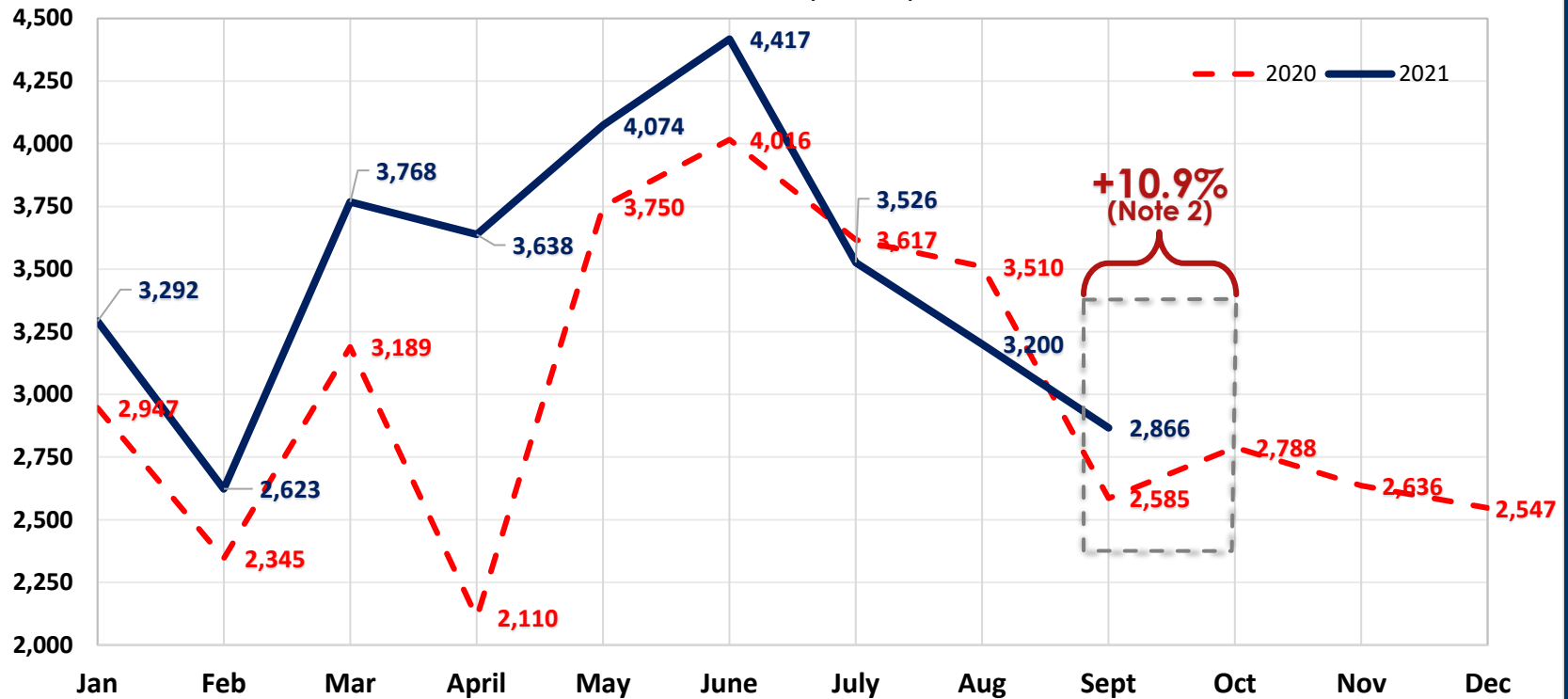
OW

Total Permits Issued:	31,404
Total Amount Collected:	\$ 6,356,328
■ Convenience Fees:	\$ 75,528
■ Total Permit Fees:	\$ 6,280,800
– Pro Miles:	\$ 94,212
– TxDOT:	\$ 5,338,680
– HCRMA:	\$ 847,908



► OVERWEIGHT REPORT FOR PERIOD: JAN 1, 2021 – SEP 30, 2021

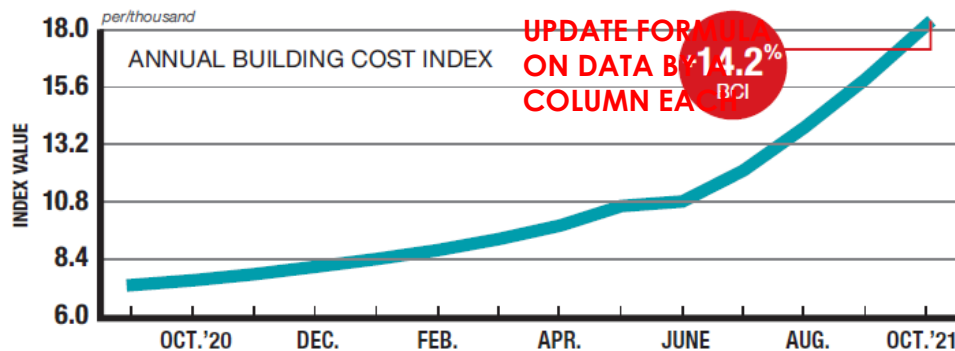
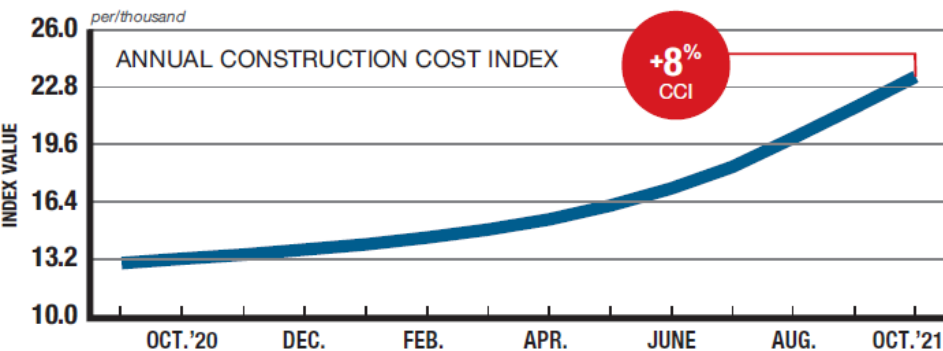
Overweight/Oversized Permit Count
2020 - 2021 Monthly Comparison



Notes:

1. The permit count for 2020 (36,040) ended with a +6.7% increase compared to 2019 (33,790).
2. Monthly permit count of 3,200 represents a +10.9% increase compared to the same month in 2020.

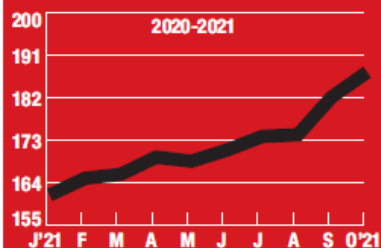
Construction Cost Index (CCI) Change (%) Year-to-Year for the current month



CONCRETE BLOCK

-0.1%

MONTHLY PRICES DECREASED 0.1%, WHILE YEARLY PRICES ROSE 14.4%.

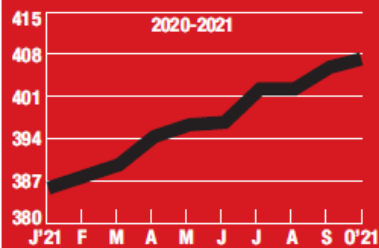


1992=100

READY-MIX CONCRETE

+0.5%

READY-MIX CONCRETE PRICES INCREASED 0.5% SINCE LAST MONTH.

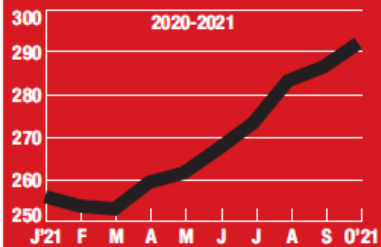


1992=100

ASPHALT PAVING

+1.2%

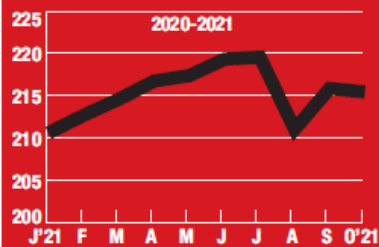
ASPHALT PRICES ROSE 1.2% THIS MONTH, WHILE YEARLY PRICES ARE UP 17%.



PORTLAND CEMENT

+1.2%

MONTHLY PRICES FOR PORTLAND CEMENT INCREASED 1.2% IN OCTOBER.



20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
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ASPHALT PAVING

PG 58	TON	459.23	+1.2	+17.0
Cutback, MC800	TON	388.66	-0.1	+4.0
Emulsion, RAPID SET	TON	364.04	+0.1	+2.1
Emulsion, SLOW SET	TON	377.23	+0.1	+2.7

PORTLAND CEMENT

Type one	TON	151.84	+1.2	+2.4
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MASONRY CEMENT

70-lb bag	TON	11.03	-0.6	+1.6
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CRUSHED STONE

Base course	TON	14.24	+2.0	+13.4
Concrete course	TON	13.43	+0.2	+14.0
Asphalt course	TON	14.37	+0.4	+2.9

SAND

Concrete	TON	11.50	+1.2	+10.3
Masonry	TON	13.80	-0.2	+10.7

READY-MIX CONCRETE

3,000 psi	CY	131.56	+0.5	+5.1
4,000 psi	CY	144.39	+0.6	+1.6
5,000 psi	CY	182.33	+0.4	-5.2

CONCRETE BLOCK

Normal weight: 8" x 8" x 16"	C	175.09	-0.1	+14.4
Lightweight: 8" x 8" x 16"	C	162.72	+0.4	-5.9
12" x 8" x 16"	C	237.14	+2.4	+29.5