



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD OF DIRECTORS MEETING FOR AUGUST 2020

HCRMA Board of Directors

S. David Deanda, Jr., Chairman
Forrest Runnels, Vice-Chairman
Ricardo Perez, Secretary/Treasurer
Francisco “Frank” Pardo, Director
Paul S. Moxley, Director
Alonzo Cantu, Director
Ezequiel Reyna, Jr., Director

HCRMA 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”



**DEVELOP THE
INFRASTRUCTURE TO
SERVE A POPULATION
OF APPROXIMATELY
800,000 RESIDENTS
AND
5 INTERNATIONAL
PORTS OF ENTRY**



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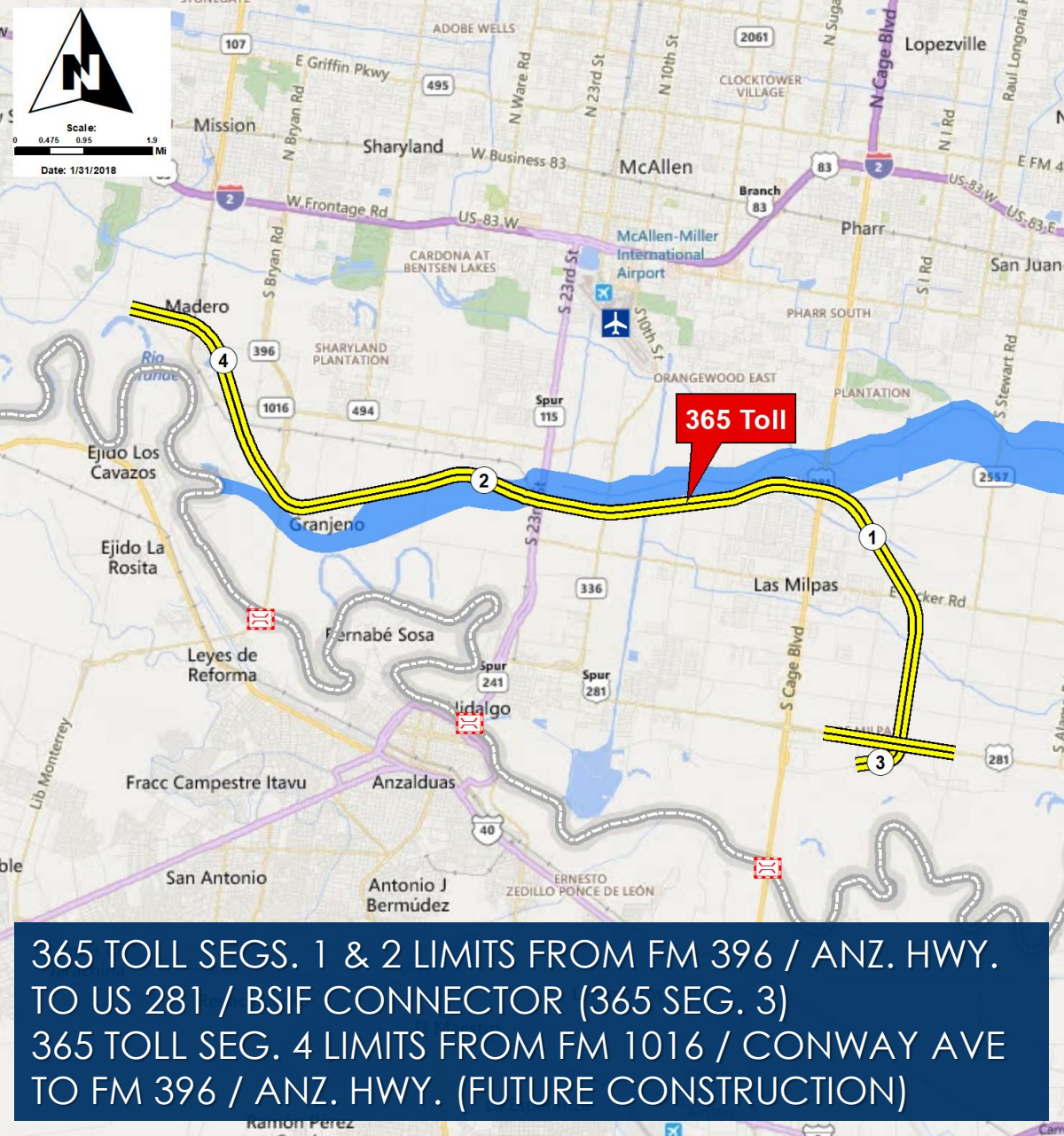
SYSTEM WIDE

► ROAD TO 2021 UTP

- ❑ 2021 UTP Draft Funding Table (released by TxDOT Nov 2019)
 - 365 Toll appears fully funded for construction – project needs revised PDA and FAA
 - IBTC construction is listed – HCRMA provided updated estimate and project needs revised PDA.
 - Pending announcement of public outreach meeting for in early July 2020.
- ❑ What's in the RGVMPO (Local Plan)
 - 365 Toll Project (TIP / MTP) thru construction
 - IBTC Project (TIP / MTP) thru design (pending funding commitments to list thru construction)
- ❑ Moving Forward:
 - Align both plans together in the 2021 UTP
 - Negotiate PDA's and IBTC and updated FAA for 365 Tollway.

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





MAJOR MILESTONES:

NEPA CLEARANCE
07/03/2015

98% ROW AS OF
09/30/2018

PH 1: 365 SEG. 3 –
LET: 08/2015
STARTED: 02/2016

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



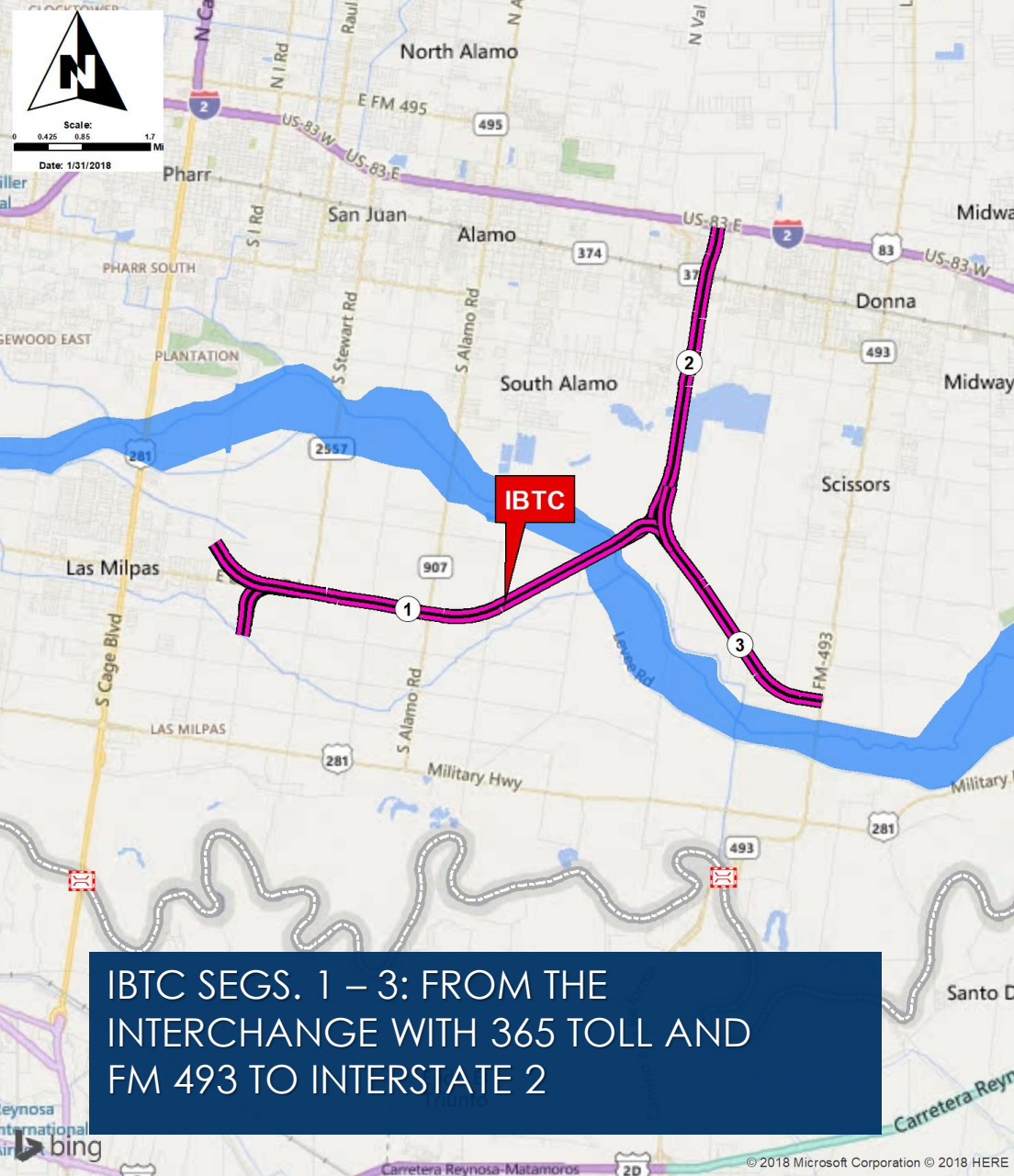
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365 TOLL

► TENTATIVE SCHEDULE:

- ❑ ~~04/2020-05/2020~~, Submit RGVMPOTIP Revisions based on draft 2021 UTP Funding Tables that are up for potential adoption by the Texas Transportation Commission (TTC) in 08/2020,
- ❑ **08/2020**, Obtain addl. funding commitments via adoption of 2021 UTP by the TTC,
- ❑ **09/2020 - 10/2020**, TTC to read then adopt a new Minute Order (M.O.) for a new FAA to incorporate the gap funding into the project,
- ❑ **11/2020**, HCRMA to provide NTP on Investment Grade T&R Study with a 5-month completion period ending 04/2021,
- ❑ **11/2020**, Revise RGVMPOTIP listing for 365 Toll showing the approved funding source(s) for approval by FHWA 01/2021,
- ❑ **12/2020**, HCRMA to submit Utility Mitigation Plan for approval by TxDOT ahead of Federal Project Authorization and Agreement (FPAA) Modification request,
- ❑ **01/2021-02/2021**, TxDOT to process the FPAA Modification for the gap funding on 365 Tollway,
- ❑ **03/2021**, TxDOT to provide "release to advertise" notice to HCRMA,
- ❑ **03/2021 - 04/2021**, HCRMA to advertise the 365 Toll (60 days) & hold prebid last week in that period,
- ❑ **05/2021**, Open Bids by 1st week & by 2nd week conditionally award contract,
- ❑ **07/2021**, Receive TxDOT / FHWA concurrence with award of contract,
- ❑ **07/2021-08/2021**, HCRMA meets with rating agencies, prices bonds, and conducts toll revenue bond sale,
- ❑ **08/2021**, Purchase remaining 5% or ROW and finalize remaining utility relocation agreements,
- ❑ **09/2021**, Commence 42-month construction, and
- ❑ **03/2025**, Open to traffic.





IBTC SEGS. 1 – 3: FROM THE
INTERCHANGE WITH 365 TOLL AND
FM 493 TO INTERSTATE 2

IBTC

MAJOR MILESTONES:

OBTAINED EA ENV
CLASSIF.: 11/2017

EST. NEPA CLEARANCE:
LATE 2020

EST. LETTING: 06/2021

EST. OPEN: 03/2025



► IBTC SCHEDULE

IBTC

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

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

Project Milestones	2020												2021												2022												
	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 (5% Adv. Acq.)																																					
Plans, Specs., & Estimates (50%)																																					
Utility Coord / Relocation																																					
Constr. Contract Letting Phase																																					
Constr. Award / Commence																																					
CONSTRUCTION FROM 10/2021 TO 03/2025																																					



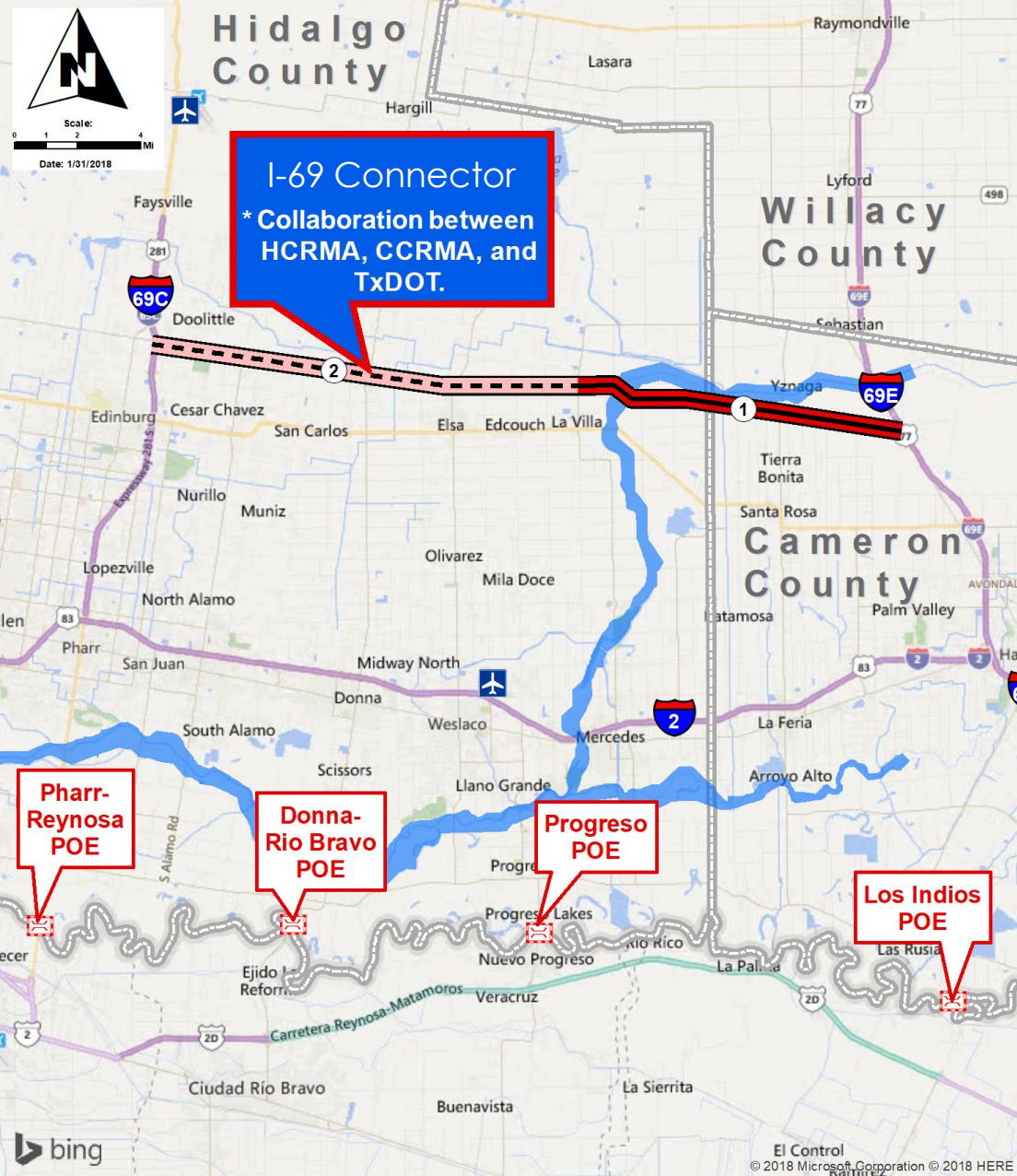
► ADVANCE PLANNING

- ❑ Env.: Classification Letter and Scoping Toolkit Submitted Aug 2017
- ❑ Held IBTC Environmental Kick off with TxDOT PHR / ENV April 6, 2018.
- ❑ VRF UTP Matching Funds request processed at the HCMPO—pending adoption by TxDOT at State Level.
- ❑ All env. fieldwork complete: Waters of the US and Archeological trenching—Internal ROE efforts were instrumental to accelerating this work.
- ❑ Meeting held with EPA/TCEQ/TxDOT to discuss Donna Reservoir site for the Hazmat portion of the NEPA Document Oct 2018.
- ❑ Public Meeting took place at Donna High School March 29, 2019.
- ❑ All major milestone reports submitted and undergoing reviews: Project Description, Hazmat, Historic Resources, Public Meeting Summary Report, Waters of the US, and Archaeological Resources.
- ❑ Mitigation plans, as warranted, will be drawn up at completion of the milestone reports.
- ❑ Archeological mitigation plan task was initiated May 1, 2020.

► 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





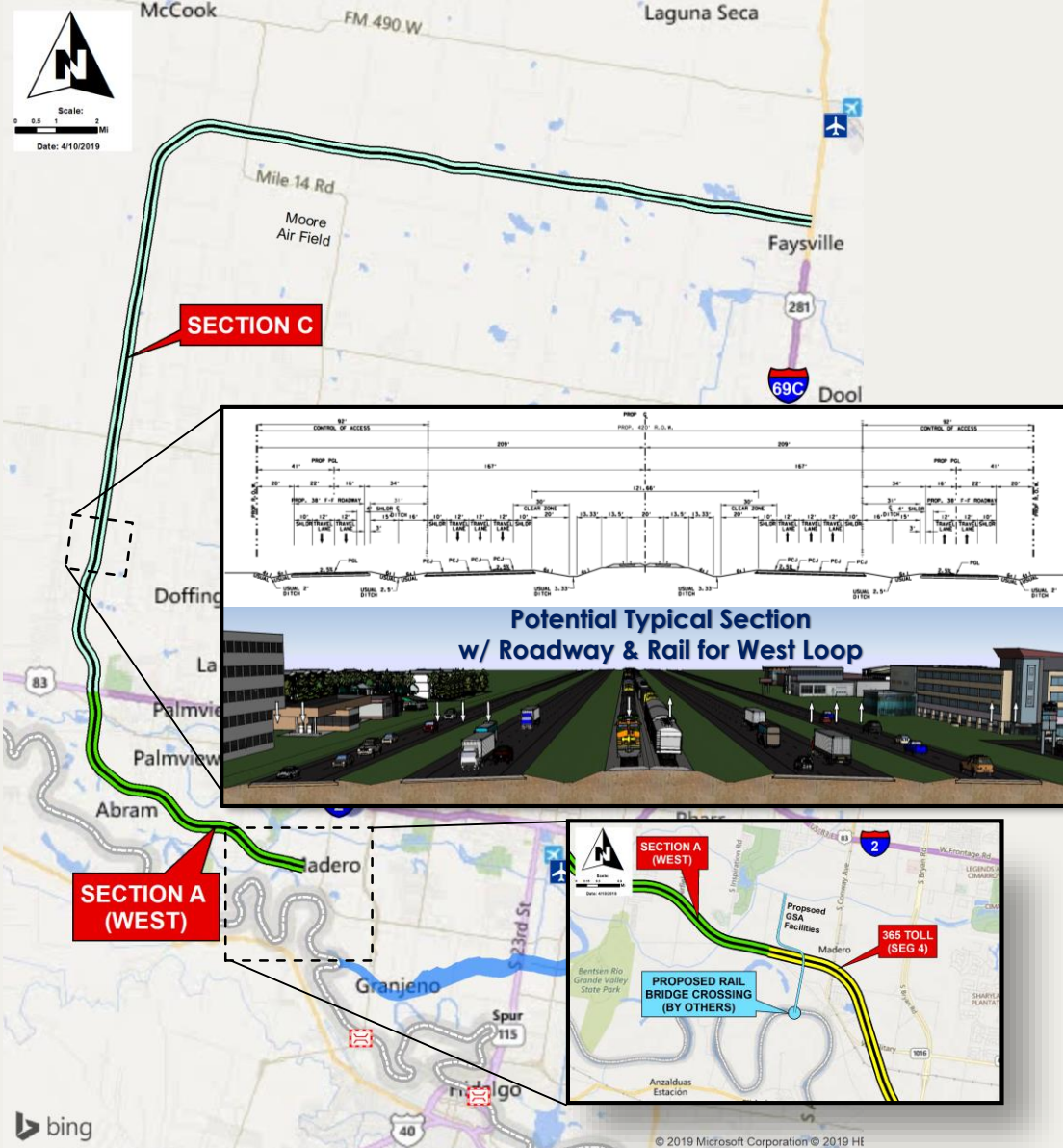
I-69 Connector

(COLLABORATION W/ TxDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- ▶ PROJECT LENGTH ~27 MILES
- ▶ FROM I-69C IN HIDALGO COUNTY TO I69-E IN CAMERON COUNTY
- ▶ KEY PARALLEL CORRIDOR TO I-2 WITH IMPORTANCE TO MOBILITY PROJECTS BY TxDOT, CCRMA AND HCRMA
- ▶ TxDOT COMMITTED SUPPLEMENTAL DEVELOPMENT AUTHORITY FUNDS FOR THE ENTIRE 27 MILE CORRIDOR AS AN EXPRESSWAY FACILITY.
- ▶ TxDOT HAS COMMITTED TO FUNDING THE DEVELOPMENT OF THE SCHEMATIC DESIGN AND ENVIRONMENTAL DOCUMENTS.
- ▶ 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:

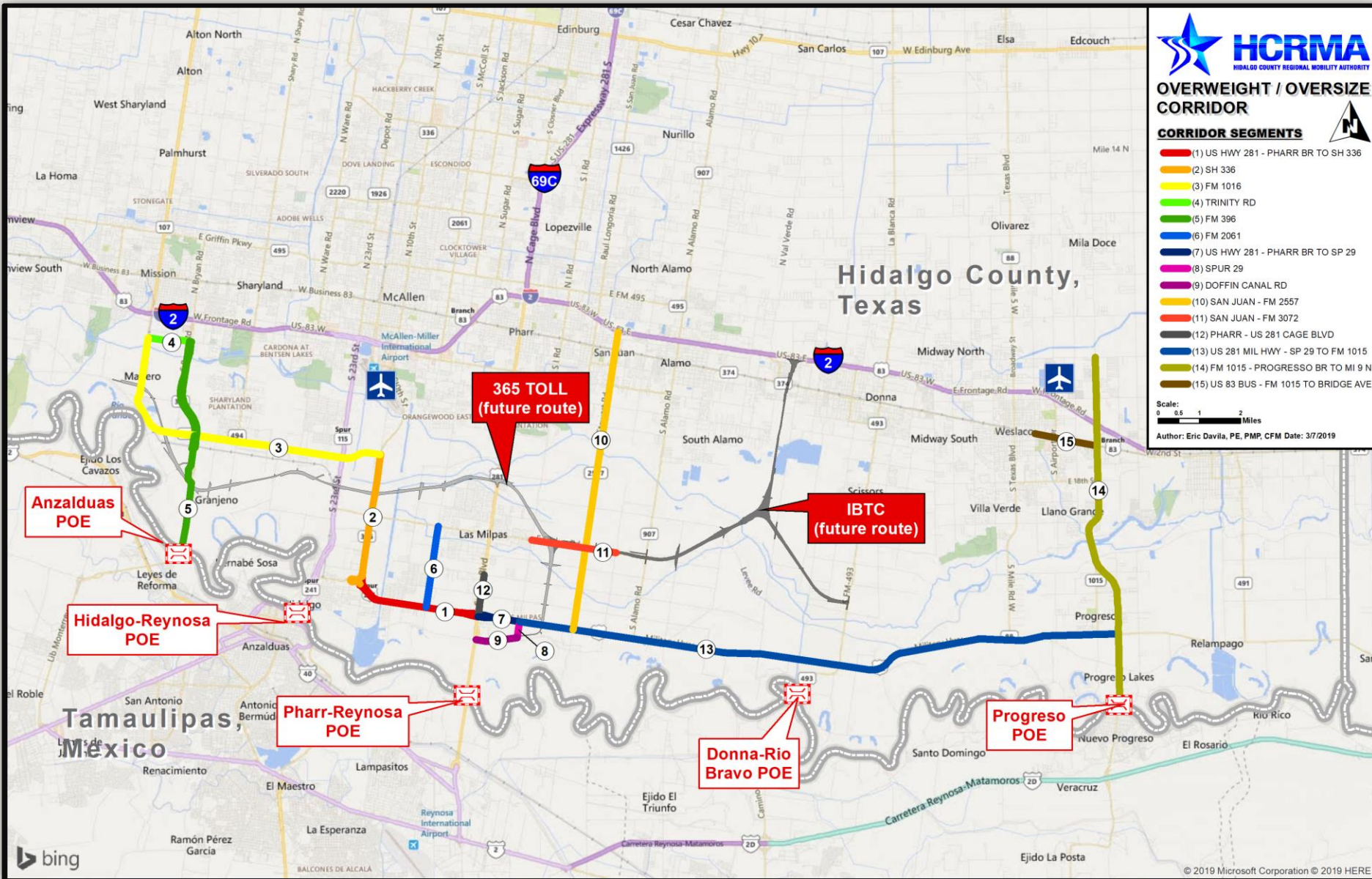
- ▶ COMBINED PROJECT LENGTH:
38 MILES FROM FM 1016 / CONWAY AVE
(MISSION/MADERO) TO I-69C (NORTH EDINBURG)
- ▶ LIKELY TO BE CLASSIFIED AS AN ENVIRONMENTAL
IMPACT STATEMENT (EIS) NEPA DOCUMENT (36 TO 48
MONTHS)—TO BE ENGAGED AFTER IBTC
CLEARANCE.
- ▶ POTENTIAL FOR CLASS I RAIL WITHIN THE ROW
PENDING DEVELOPMENTS 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.

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 2014 – PRESENT**
PERIOD: JAN 1, 2014 – JULY 31, 2020

OW

Total Permits Issued:	170,613
Total Amount Collected:	\$ 25,555,542
■ Convenience Fees:	\$ 596,742
■ Total Permit Fees:	\$ 24,958,800
– Pro Miles:	\$ 511,839
– TxDOT:	\$ 21,214,980
– HCRMA:	\$ 3,231,981



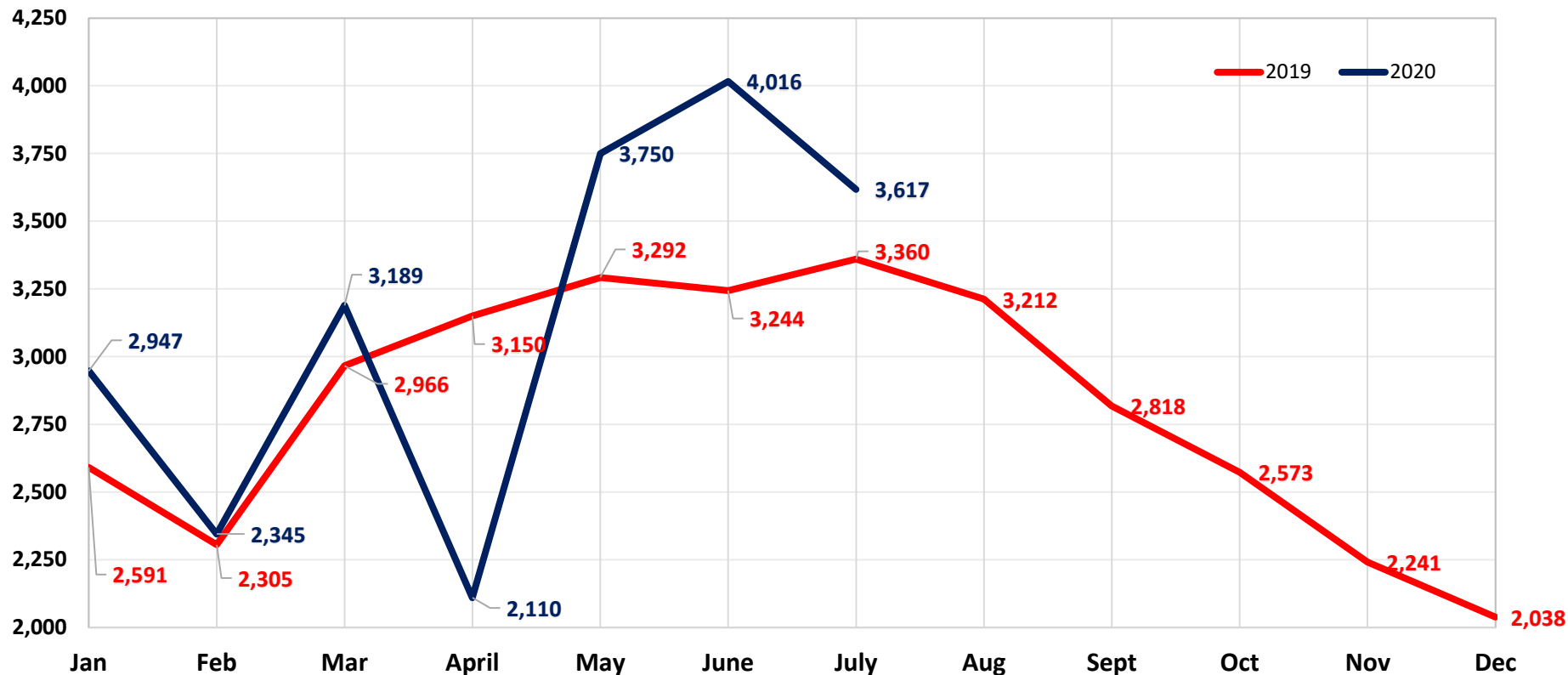
► **OVERWEIGHT REPORT FOR YEAR 2020**
PERIOD: JAN 1, 2020 – JULY 31, 2020

OW

Total Permits Issued:	21,974
Total Amount Collected:	\$ 4,481,530
■ Convenience Fees:	\$ 86,730
■ Total Permit Fees:	\$ 4,394,800
– Pro Miles:	\$ 65,922
– TxDOT:	\$ 3,735,580
– HCRMA:	\$ 593,298



Overweight/Oversized Permit Count 2019 - 2020 Monthly Comparison

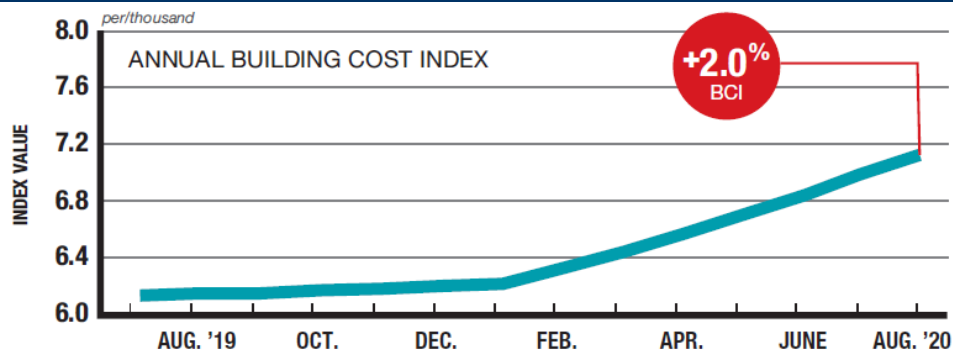
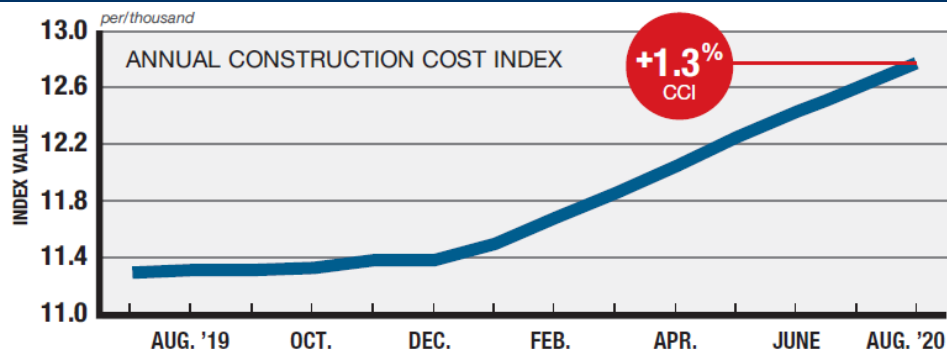
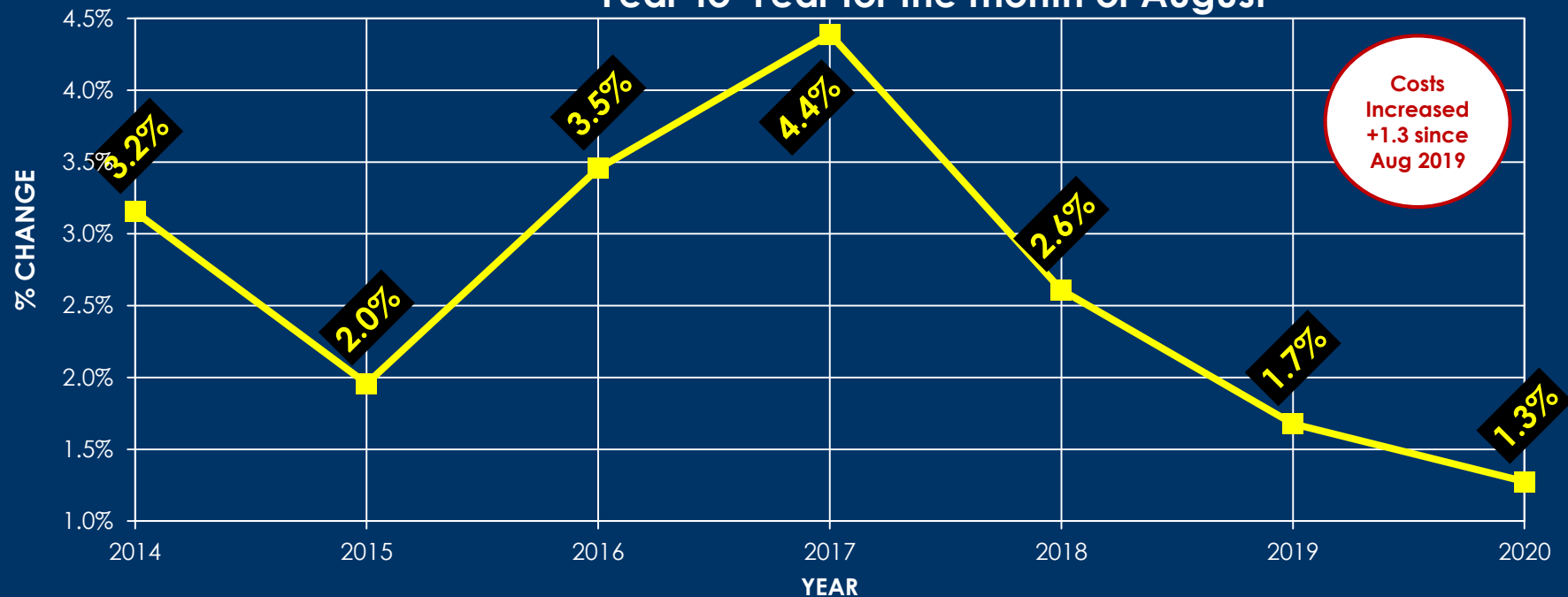


Notes:

1. Unprecedented stay at home orders in response to COVID-19 containment in April 2020 on both sides of the US/ Mexico Border attributed toward a 33% drop in overweight permit purchases within Hidalgo County – April 2019 (3,150 permits) vs. April 2020 (2,110 permits).
2. By the end of May 2020, the total permit count of 3,750 was a 14% increase compared to May 2019 permit count of 3,292 – showing a resurgence in the utilization of overweight permits to allow for greater efficiencies in the transport of perishable agricultural goods.



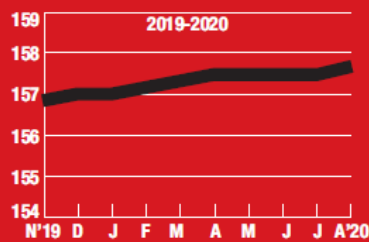
Construction Cost Index (CCI) Change (%) Year-to-Year for the month of August



CONCRETE BLOCK

0.0%

MONTHLY PRICES HELD STEADY, WHILE YEARLY PRICES ROSE 0.4%.

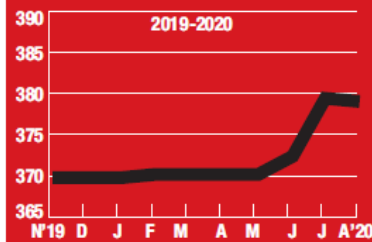


1992=100

READY-MIX CONCRETE

-0.1%

READY-MIX CONCRETE PRICES FELL 0.1% SINCE LAST MONTH.

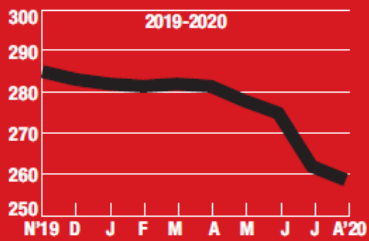


1992=100

ASPHALT PAVING

-1.3%

ASPHALT PRICES FELL 1.3% THIS MONTH, WHILE YEARLY PRICES ARE DOWN 7.7%.

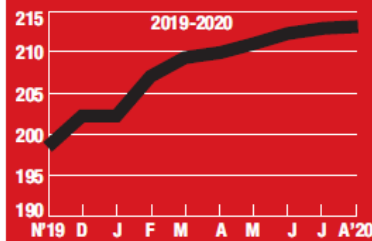


1992=100

PORTLAND CEMENT

+0.1%

MONTHLY PRICES FOR PORTLAND CEMENT INCREASED 0.1% THIS MONTH.



1992=100

20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
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ASPHALT PAVING

PG 58	TON	391.80	-1.3	-7.7
Cutback, MC800	TON	374.53	+0.5	-4.6
Emulsion, RAPID SET	TON	356.40	0.0	-1.1
Emulsion, SLOW SET	TON	367.58	+0.2	-0.9

PORTLAND CEMENT

Type one	TON	148.52	+0.1	+6.1
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MASONRY CEMENT

70-lb bag	TON	10.76	+0.5	+1.7
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CRUSHED STONE

Base course	TON	12.60	+0.1	+3.2
Concrete course	TON	11.78	0.0	+8.6
Asphalt course	TON	13.77	+0.1	+2.0

SAND

Concrete	TON	10.45	+0.2	+12.6
Masonry	TON	12.43	+0.2	+3.3

READY-MIX CONCRETE

3,000 psi	CY	121.63	-0.1	+2.3
4,000 psi	CY	140.68	+1.0	+6.3
5,000 psi	CY	193.29	-1.5	+4.7

CONCRETE BLOCK

Normal weight: 8" x 8" x 16"	C	147.03	0.0	+0.4
Lightweight: 8" x 8" x 16"	C	171.87	-0.1	+1.0
12" x 8" x 16"	C	182.79	-0.1	+0.3

SOURCE: ENR