



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD OF DIRECTORS MEETING FOR JAN 2019

HCRMA Board of Directors

S. David Deanda, Jr., Chairman
Forrest Runnels, Vice-Chairman
Ricardo Perez, Secretary/Treasurer
R. David Guerra, Director
Paul S. Moxley, Director
Alonzo Cantu, Director
Ezequiel Reyna, Jr., Director

HCRMA Staff

Pilar Rodriguez, PE, Executive Director
Eric Davila, PE, PMP, CFM, Chief Development Eng.
Ramon Navarro IV, PE, CFM, Chief Constr. Eng.
Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.
Jose Castillo, Chief Financial Ofcr.
Sergio Mandujano, Constr. Records Keeper
Maria Alaniz, Admin. Assistant
Flor E. Koll, Admin. Assistant III (Constr.)

General Engineering Consultant

HDR ENGINEERING, INC.

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

► OVERVIEW

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

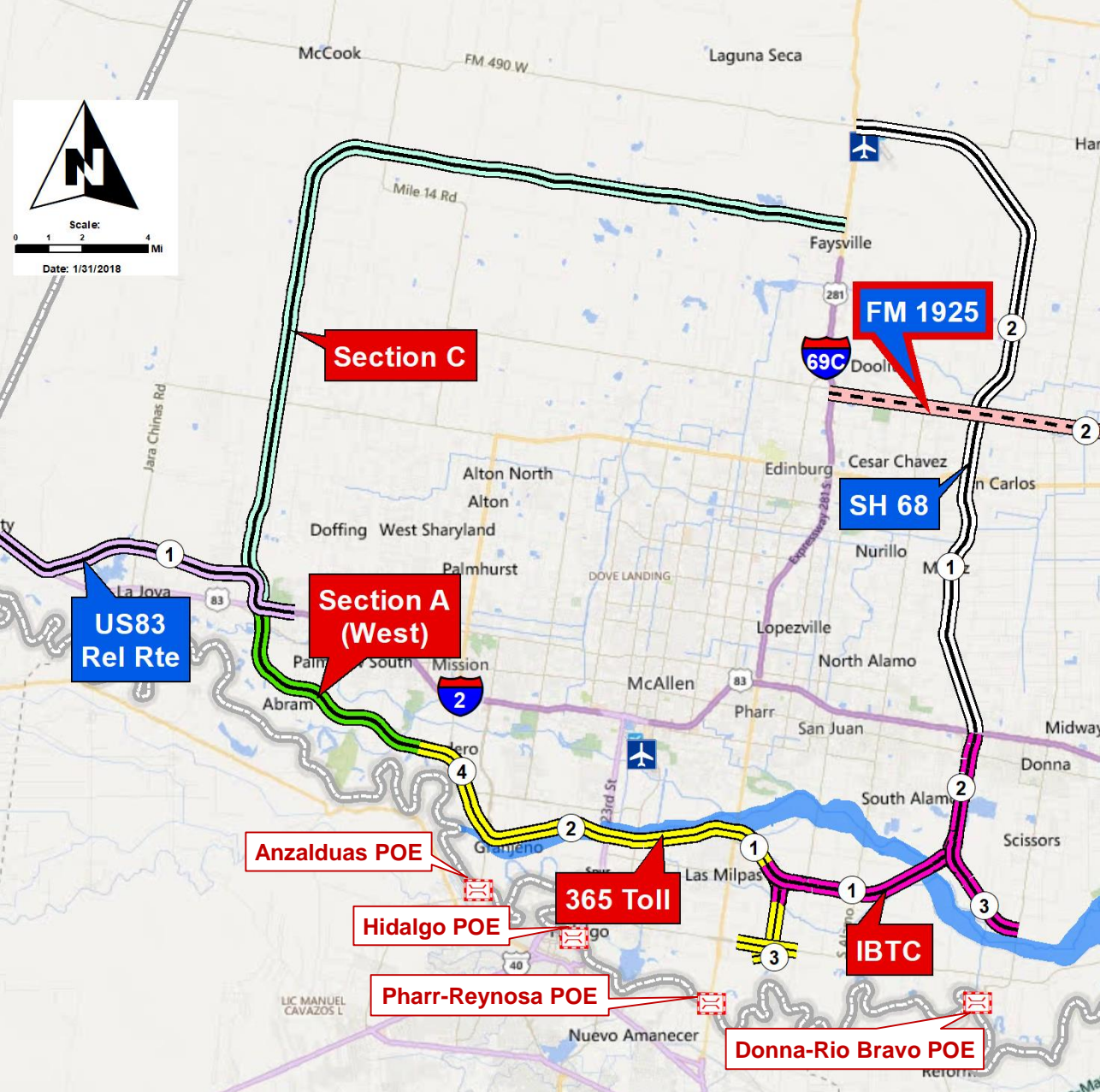
MISSION STATEMENT:

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



HCRMA STRATEGIC PLAN

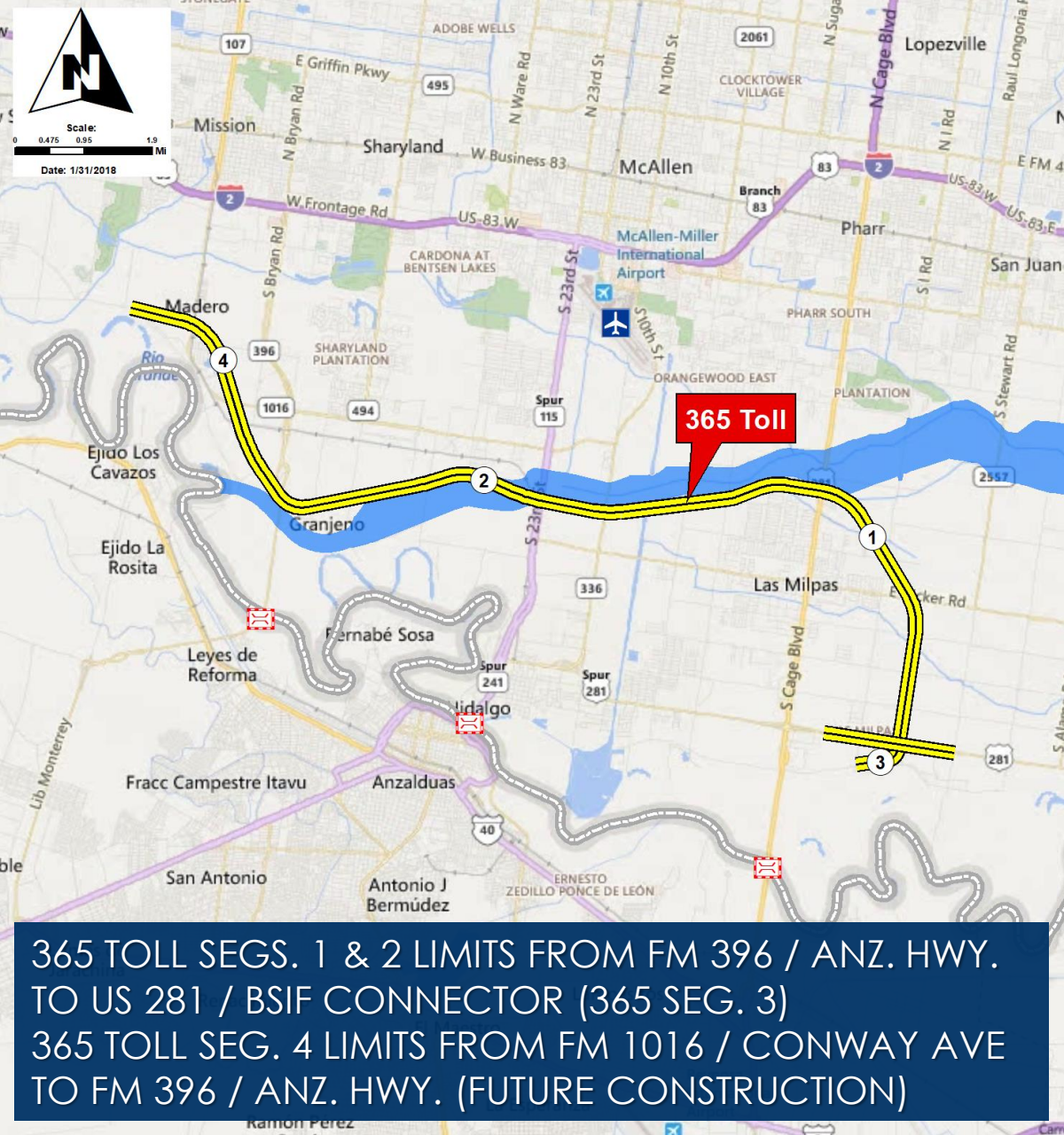
DEVELOP THE
INFRASTRUCTURE TO
SERVE A POPULATION
OF APPROXIMATELY
800,000 RESIDENTS
AND
5 INTERNATIONAL
PORTS OF ENTRY



► SYSTEMWIDE TASKS

- ❑ Continued Management of HCRMA ProjectWise System
 - Used for our all electronic core DESIGN and CONSTR related filing and coordination.
 - Being used for 365 Toll Redesign / Corodiantion of the IBTC Project; in addition to serving as project archive for all Loop Projects.
- ❑ Finalized Microsoft Office 365 Migration
 - Transferred domain/webhosting to HCRMA hosted solution.
- ❑ Overweight permit white paper drafted
 - HCRMA worked with TxDOT PHR to delineate the maintenance burden by weight classification of truck, and has informed the permit users how the proposed fee increase will help sustain the network.





MAJOR MILESTONES:

NEPA CLEARANCE
07/03/2015

98% ROW AS OF
09/30/2018

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

PH 2: 365 TOLL
SEGS. 1 & 2 –
RE-LET: 08/2019
START: TBD

365 TOLL

► PROPOSED BID PLAN FOR 2019

- ❑ Base Bid from FM 396 / Anzalduas Hwy to US 281 / Cage Blvd for the 4-lane (2+2) configuration;
- ❑ Bid Alternate #1 from US 281 / Cage Blvd to US 281 / Mil Hwy for a 2-lane (1+1) connector road;
- ❑ Bid Alternate #2 from US 281 / Cage Blvd to US 281 / Mil Hwy for a 4-lane (2+2) configuration; and
- ❑ Utilizes TxDOT Specification Item 2L Instructions to Bidders to signal the use of additive alternates.

► SCHEDULE:

- ❑ **04/2019**, Submit 100% 365 Toll rebid project plans / specs / estimate / bid proposal
- ❑ **05/2019**, Obtain permission to let the project
- ❑ **06/2019 - 07/2019**, Advertise the 365 Toll (60 days) & Hold prebid last week in July
- ❑ **08/2019**, 2nd week Open Bids 4th week and conditionally award contract to responsive and responsible low bidder
- ❑ **10/2019**, TxDOT / FHWA concurrence with award of contract / HCRMA provides NTP to contractor
- ❑ **06/2023**, After 42-months, open to traffic



► **ENV.:**

- ❑ Final USIBWC No Objection Letter acquired.

► **SURVEYS:**

- ❑ SUE complete, “gap” parcels ongoing for public Row that needs to eventually get incorporated into HCRMA ROW Map.

► **ROW ACQUISITION:**

- ❑ 22 parcels remaining
(20 final resolution with irrigation districts), representing 5% of the remaining area.

► **UTILITY RELO.:**

- ❑ Ongoing

► **DRAINAGE OUTFALLS:**

- ❑ HCDD1 has finalized schematics on Outfalls 1 - 8 as well as PS&E for Outfalls 1*, 2, 3, 4. PS&E for Outfalls 1 Extension, 3a (Ware Rd Addition), and Outfalls 5 - 8 are pending release by HCRMA.

► **DESIGN (PS&E):**

- ❑ Notice of a re-scope and rebid submitted to TxDOT 01/07/2019.

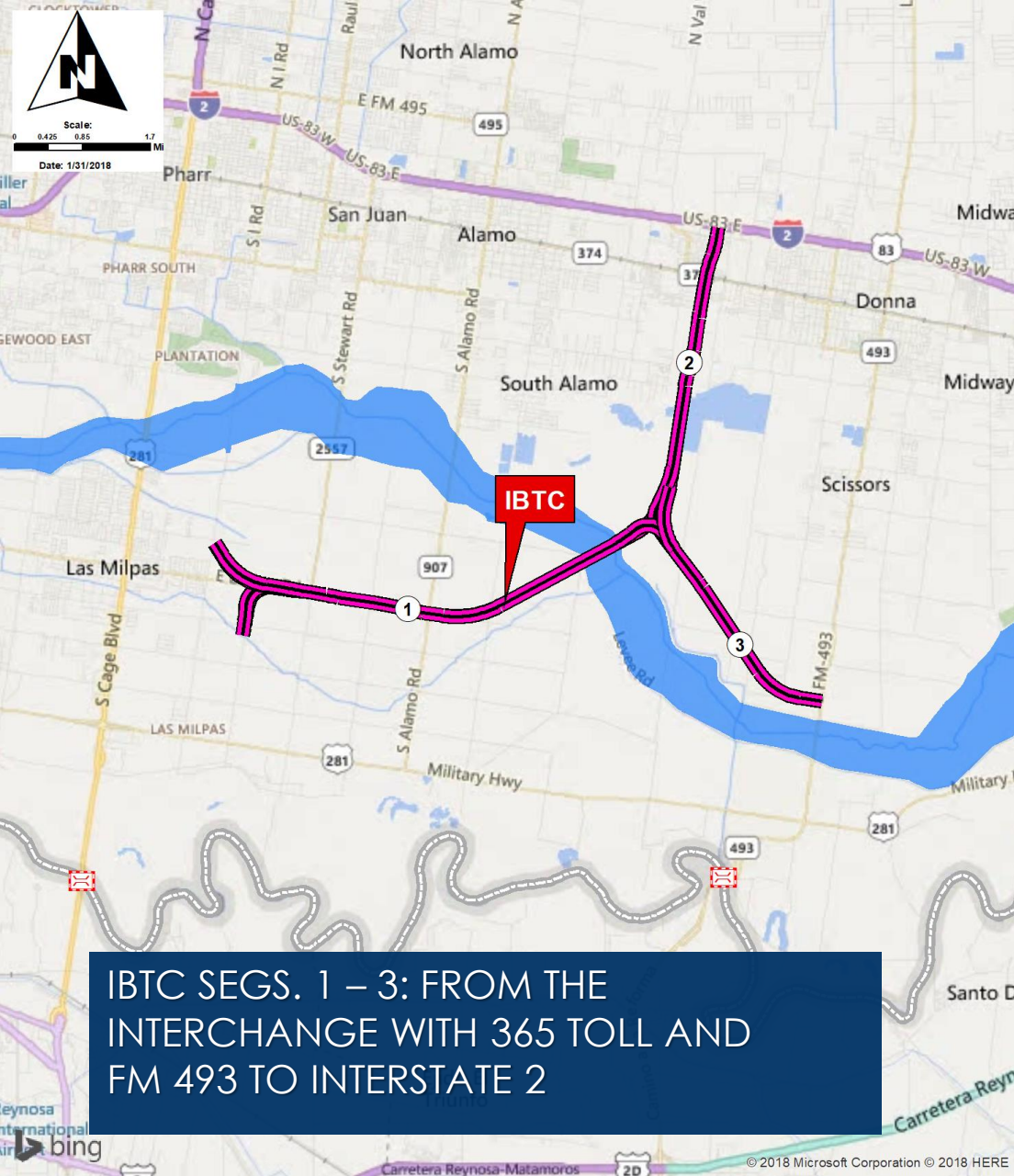
► **POST-NEPA ACTIVITY:**

- ❑ USIBWC Coordination during Construction
- ❑ USACE 404 Site Grading Improvements

► **GEC ACTIVITY (HDR ENGINEERING, INC.):**

- ❑ Conducted due diligence on construction costs and operational modeling.
- ❑ GEC Report completed, but will require update for the rescope.





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

IBTC

MAJOR MILESTONES:

OBTAINED EA ENV
CLASSIF.: 11/2017

EST. NEPA
CLEARANCE: 03/2020

EST. LETTING: 01/2021

EST. OPEN: 06/2024



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

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

Project Milestones	2019												2020												2021													
	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 Coordination (SUE 100%)																																						
Utility Relocation																																						
Constr. Contract Letting Phase																																						
Constr. Award / Commence																																						
CONSTRUCTION FROM 06/2021 TO 06/2024																																						



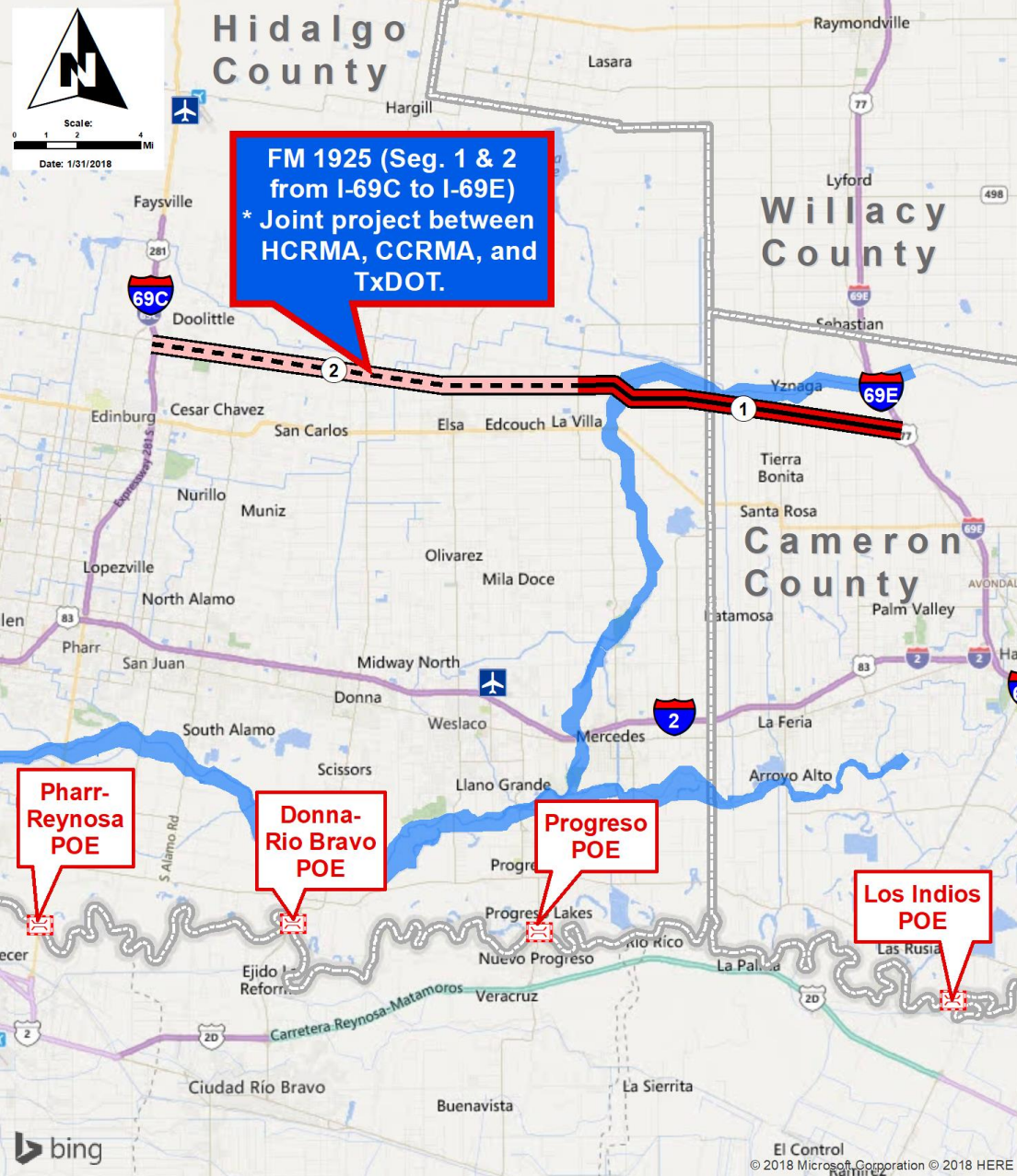
► ADVANCE PLANNING

- ❑ 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.
- ❑ Major 2nd Draft Reports submitted include: Project Description, Noise analysis, Hazmat ISA, Historic Resources,
- ❑ 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.
- ❑ Held meeting with potentially affected landowners in the Val Verde Community on January 10, 2018 with ~80 participants.
- ❑ Scheduling a Public Meeting in the Donna area early March 2019.

► OTHER:

- ❑ Surveys (65% complete)
- ❑ ROW Acquisition (5% complete)
- ❑ Utility Relo. (SUE 100%, coordination initiated, Overall 20%)
- ❑ Design (PS&E, 50% complete): On Hold





FM 1925

(COLLABORATION W/ TXDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- ▶ PROJECT LENGTH ~27 MILES
- ▶ FROM I-69C IN HIDALGO COUNTY TO 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.





► **2018 OVERWEIGHT PERMITS**
JAN 1, 2018 – DECEMBER 31, 2018

OW

Total Permits Issued:	34,502
Total Amount Collected:	\$ 7,061,812
■ Convenience Fees:	\$ 161,412
■ Total Permit Fees:	\$ 6,900,400
– Pro Miles:	\$ 103,506
– TxDOT:	\$ 5,865,340
– HCRMA:	\$ 931,554



► **2019 OVERWEIGHT PERMITS**
JAN 1, 2019 – JAN 4, 2019

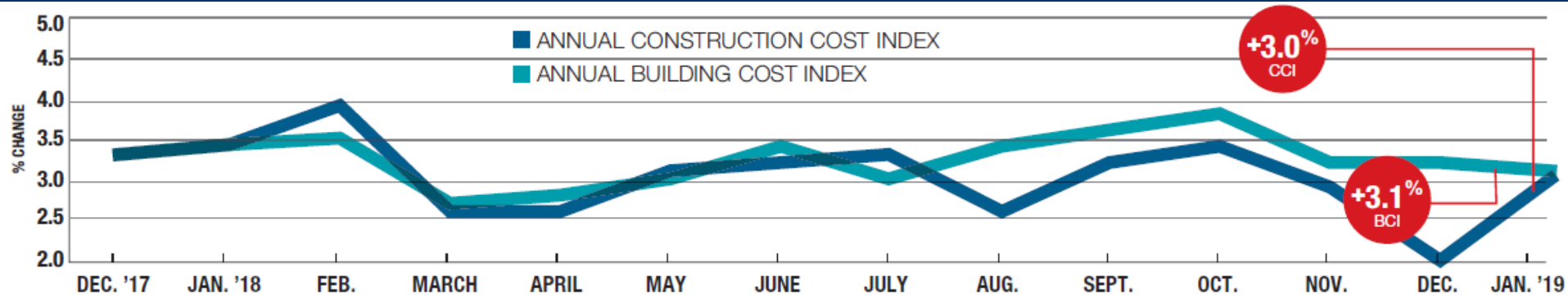
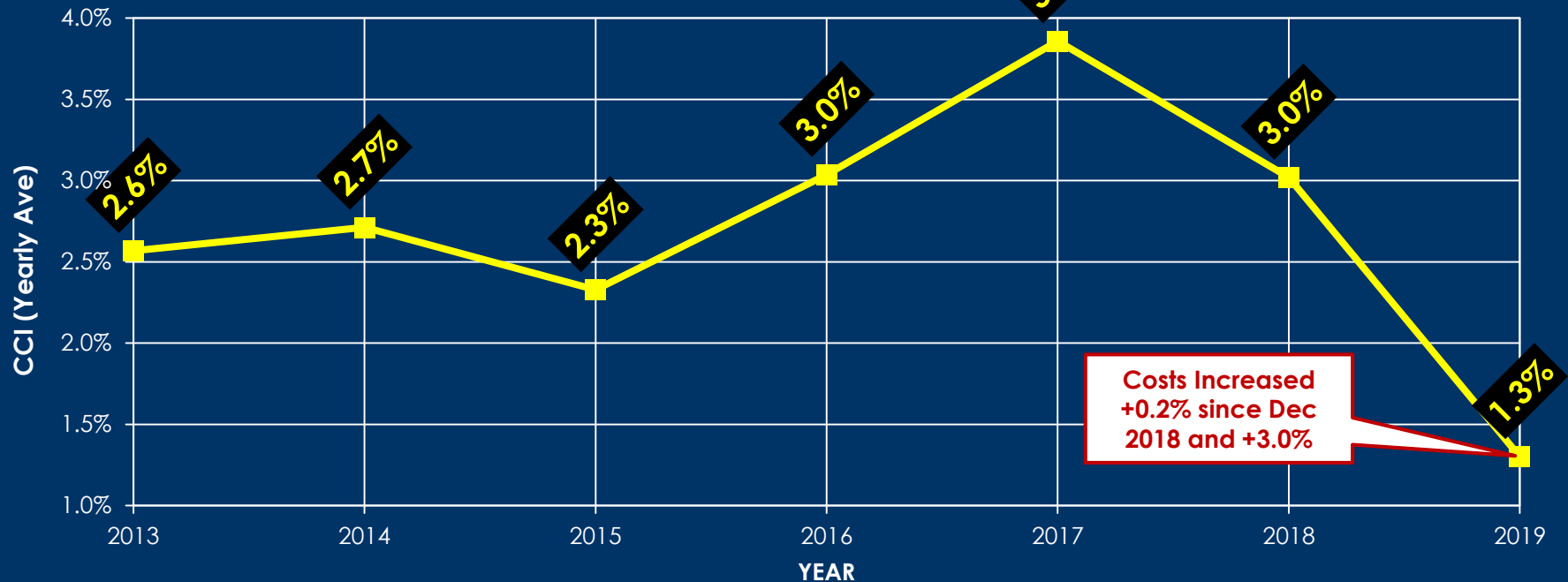
OW

Total Permits Issued:	206
Total Amount Collected:	\$ 42,286
■ Convenience Fees:	\$ 1,086
■ Total Permit Fees:	\$ 41,200
– Pro Miles:	\$ 618
– TxDOT:	\$ 35,020
– HCRMA:	\$ 5,562



► CONSTR. ECONOMICS JAN 2019

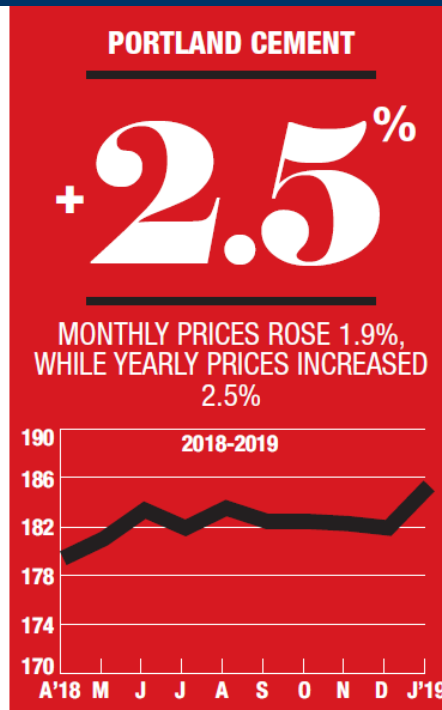
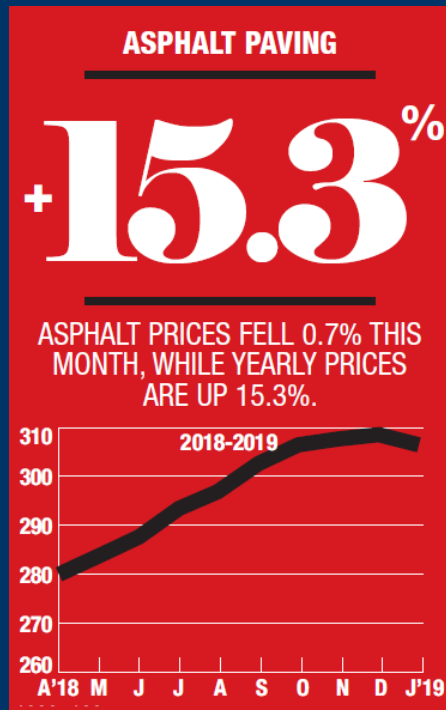
Construction Cost Index (2013-2019)



► CONSTR. ECONOMICS JAN 2019

■ The 20-city average price for liquid asphalt has changed as follows:

- Monthly price decreased 0.7% in Jan 2019
- Yearly price increased 15.3% since Jan 2018



20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
ASPHALT PAVING				
PG 58	TON	436.51	-0.7	+15.3
Cutback, MC800	TON	390.89	+0.1	+1.0
Emulsion, RAPID SET	TON	360.37	0.0	+0.4
Emulsion, SLOW SET	TON	370.83	0.0	+0.5
PORTLAND CEMENT				
Type one	TON	116.87	+1.9	+2.5
MASONRY CEMENT				
70-lb bag	TON	9.97	+0.7	+6.1
CRUSHED STONE				
Base course	TON	10.27	0.0	+2.5
Concrete course	TON	10.86	0.0	+0.2
Asphalt course	TON	11.24	0.0	+0.9
SAND				
Concrete	TON	9.26	0.0	+1.7
Masonry	TON	11.18	0.0	+1.4
READY-MIX CONCRETE				
3,000 psi	CY	115.30	0.0	+0.7
4,000 psi	CY	136.21	-0.5	+2.3
5,000 psi	CY	170.90	+4.0	+10.0
CONCRETE BLOCK				
Normal weight: 8" x 8" x 16"	C	144.20	+0.1	+7.1
Lightweight: 8" x 8" x 16"	C	169.72	+0.1	+1.1
12" x 8" x 16"	C	179.54	-0.2	+0.3