



**HCRMA Board of Directors**

**Randy Sweeten, Chairman**  
**Josue Reyes, Vice-Chairman**  
**Ricardo Perez, Secretary/Treasurer**  
**Julian Ybarra, Jr., Director**  
**R. David Guerra, Director**  
**Forrest Runnels, Director**  
**Alonzo Cantu, Director**

**HCRMA Staff**

**Pilar Rodriguez, P.E., Executive Director**  
**Celia Gaona, CIA, Auditor/Compliance Officer**  
**Juan G. Guerra, Chief Financial Officer**  
**Carlos “CJ” Moreno, Jr., Acquisition Coordinator**  
**Flor E. Koll, Program Administrator**

**Program Management Consultant**  
**DANNENBAUM ENGINEERING CORP**

# PMC/GEC STATUS REPORT (JUNE 2015)

1. Review: PMC Invoice
2. Status: Systemwide Tasks
3. Status: SH 365 Project
4. Status: IBTC Project
5. Status: OW/OS Corridor
6. Status: Constr. Cost Trends

# PMC Invoice Overview (Active WA's: 05/2015 Invoice)



**DANNENBAUM – PROGRAM MANAGER**

Task (Current Billing)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-10/31/14	WA9 - WA18 3/1/14 - 6/30/18
<b>Program Management Consultant</b>	\$ 207,649	\$ -	\$ 207,649
Project & Systemwide Mgt	\$ 207,649	\$ -	\$ 207,649
Construction Mgt	\$ -	\$ -	\$ -
<b>General Engineering Consultant (Tasks on Behalf of the Agency)</b>	\$ -	\$ -	\$ -
Analyzing Documentation	\$ -	\$ -	\$ -
Building Agency	\$ -	\$ -	\$ -
Strategic Planning	\$ -	\$ -	\$ -
Public Outreach	\$ -	\$ -	\$ -
Advance Planning	\$ -	\$ -	\$ -
<b>Total for All Tasks:</b>	<b>\$ 207,649</b>	<b>\$ -</b>	<b>\$ 207,649</b>

Firm (Current Billing)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-10/31/14	WA9 - WA18 3/1/14 - 6/30/18
<b>Dannenbaum Eng Corp.</b>	\$ 190,209	\$ -	\$ 190,209
Direct Labor: Pathfinder	\$ 10,000	\$ -	\$ 10,000
Direct Labor: George Ramon		\$ -	\$ -
Sub: Aranda and Assoc. (DBE)	\$ 7,440	\$ -	\$ 7,440
Sub: Blanton & Assoc. (DBE)	\$ -	\$ -	\$ -
Sub: C&M Associates (DBE)	\$ -	\$ -	\$ -
Sub: RODS SUE (DBE)	\$ -	\$ -	\$ -
Sub: UNINTECH (DBE)	\$ -	\$ -	\$ -
Sub: CSE (DBE)	\$ -	\$ -	\$ -
<b>Total for All Firms:</b>	<b>\$ 207,649</b>	<b>\$ -</b>	<b>\$ 207,649</b>

- Completed WA's: WA 10 for IBTC ROW Strip Map; WA 11 for IBTC Low Level Flight; WA 12 for TRZ No. 2 / HCAD Tax Database Update; WA 13 for IBTC Environmental Assessment (Regional Toll Analysis); WA 14 SH365/IBTC Inv. Grd. T&R; WA 15 for TIGER Grant; WA 17 Traffic Projections for Warrant Studies SH365+IBTC; WA 18 for IBTC SUE.

# PMC Invoice Overview (Active WA's: Earned to Date)



**DANNENBAUM – PROGRAM MANAGER**

Task (Earned to Date)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-10/31/14	WA9 - WA18 3/1/14 - 6/30/18
<b>Program Management Consultant</b>	<b>\$ 3,813,717</b>	<b>\$ -</b>	<b>\$ 3,813,717</b>
Project & Systemwide Mgt	\$ 3,813,717	\$ -	\$ 3,813,717
Construction Mgt	\$ -	\$ -	\$ -
<b>General Engineering Consultant (Tasks on Behalf of the Agency)</b>	<b>\$ -</b>	<b>\$ 137,094</b>	<b>\$ 137,094</b>
Analyzing Documentation	\$ -	\$ -	\$ -
Building Agency	\$ -	\$ -	\$ -
Strategic Planning	\$ -	\$ -	\$ -
Public Outreach	\$ -	\$ -	\$ -
Advance Planning	\$ -	\$ 137,094	\$ 137,094
<b>Total for All Tasks:</b>	<b>\$ 3,813,717</b>	<b>\$ 137,094</b>	<b>\$ 3,950,811</b>

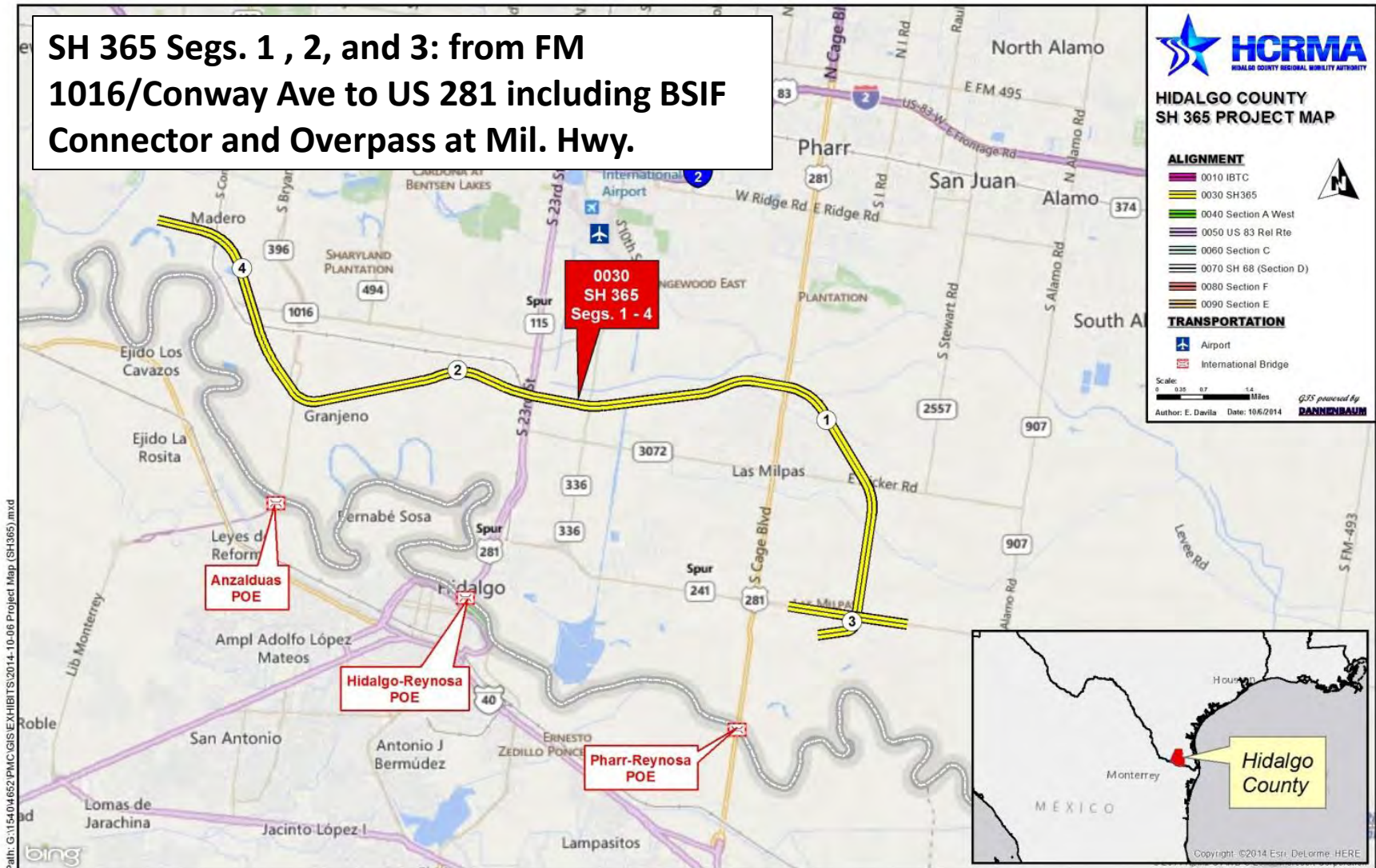
Firm (Earned to Date)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-10/31/14	WA9 - WA18 3/1/14 - 6/30/18
<b>Dannenbaum Eng Corp.</b>	<b>\$ 2,818,197</b>	<b>\$ -</b>	<b>\$ 2,818,197</b>
Direct Labor: Pathfinder	\$ 160,000	\$ -	\$ 160,000
Direct Labor: George Ramon	\$ 179,400	\$ -	\$ 179,400
Sub: Aranda and Assoc. (DBE)	\$ 416,920	\$ -	\$ 416,920
Sub: Blanton & Assoc. (DBE)	\$ 219,200	\$ -	\$ 219,200
Sub: C&M Associates (DBE)	\$ -	\$ -	\$ -
Sub: RODS SUE (DBE)	\$ -	\$ -	\$ -
Sub: UNINTECH (DBE)	\$ 20,000	\$ -	\$ 20,000
Sub: CSE (DBE)	\$ -	\$ 137,094	\$ 137,094
<b>Total for All Firms:</b>	<b>\$ 3,813,717</b>	<b>\$ 137,094</b>	<b>\$ 3,950,811</b>

- Completed WA's: WA 10 for IBTC ROW Strip Map; WA 11 for IBTC Low Level Flight; WA 12 for TRZ No. 2 / HCAD Tax Database Update; WA 13 for IBTC Environmental Assessment (Regional Toll Analysis); WA 14 SH365/IBTC Inv. Grd. T&R; WA 15 for TIGER Grant; WA 17 Traffic Projections for Warrant Studies SH365+IBTC; WA 18 for IBTC SUE.

- Supported financial team with SIB loan application / Toll Equity Grant processing – **generated Engineer's** Report which summarized all activity on SH 365 with regard to environmental clearance, ROW, and design.
- PMC WA 9: Managed/met/reviewed all development efforts done by other HCRMA consultants for SH 365 and IBTC. Provided support to Staff for landowner coordination, meetings with stakeholders (TxDOT, DID, and AEP), in addition to Staff support for ROW document preparation, contract document support, and document control.
- PMC WA 16: Offsite Hydrologic Studies are 85% complete by Civil Systems Engineers (Deren Li) for eventual use on HCDD#1 Outfall Improvements
  - Pending onsite routing analyses from section engineers in order to finalize overall study.



# Project Overview for SH 365







# Project Schedule for SH 365



## SH 365 / US 281 Improvements - Phase I (Segment 3)




(US 281 / Mil. Hwy. from SP600 / Cage Blvd. to FM 2557 / Stewart Rd and the BSIF Connector)

	WORK TASK	2015												2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Env. Clearance (FONSI)																								
	Final Design (Complete)																								
	ROW Acquisition (Complete)																								
	Utility Relocation																								
	Bid Phase Starts																								
	Construction Starts																								

CONSTRUCTION FOR SH 365 PHASE I: FROM 01/01/2016 TO 08/31/2017

## SH 365 - Phase II (Segments 1 & 2)

(FM 396 / Anzalduas Hwy. to US 281 / Military Hwy)

	WORK TASK	2015												2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Env. Clearance (FONSI)																								
	Final Design																								
	ROW Acquisition Phase																								
	Utility Relocation																								
	Bid Phase Starts																								
	Construction Starts																								

CONSTRUCTION FOR SH 365 PHASE II: FROM 07/01/2016 TO 12/31/2018

## ■ Design

- PS&E on SH 365 Segment 3 (US 281/BSIF) is 95% complete.
- PS&E on SH 365 Segments 1 and 2 are 90% complete.
- All requested subsurface utility exposures are 100% complete.
- Geo-technical for SH 365 Segment 3 (US 281) is 95% complete (pavement design on BSIF pending).
- Geo-technical for SH 365 Segments 1 and 2 are 95% complete.
- Onsite Hydrologic Studies for SH 365 Segments 1, 2, and 3 are 100% complete.



## ■ Environmental

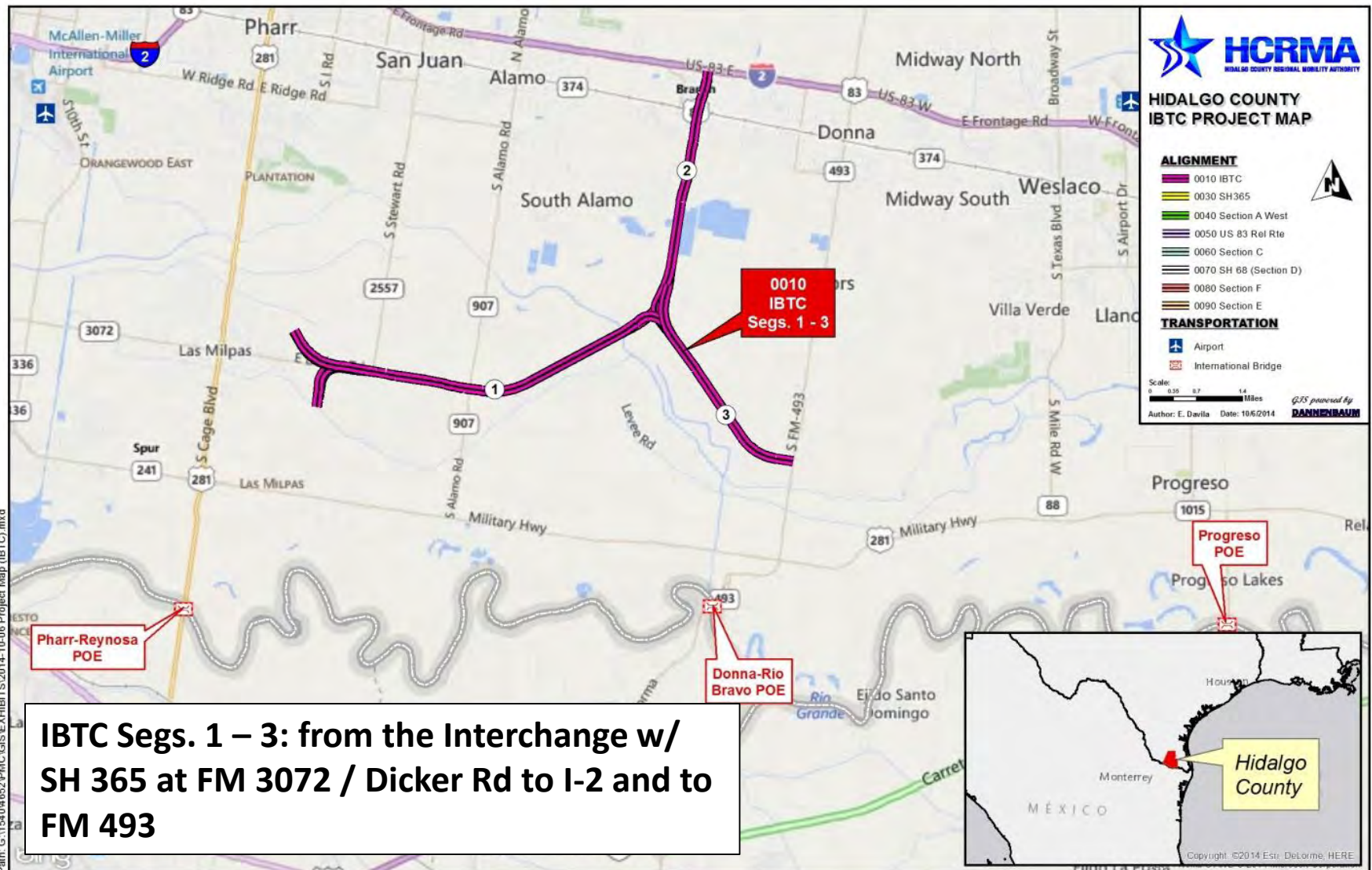
- TxDOT ENV has rendered SH 365 NEPA document “Sufficient for Further Processing” (SFP) meaning we can advertise and hold public hearing:
  - Published Notices in Local Papers and Online (met legal requirements)
  - Public Hearing 5/26
  - 10 day comment period 6/5
  - S&A 6/22
  - Final EA 6/26
  - FONSI 7/6
  - LOA 7/10

## ■ ROW Mapping / Acquisition

- Mapping complete (Segments 1 – 4)
- Acquisition complete on Segment 3
- ROW Maps and Parcels for Segments 1 & 2 delivered to ROW team. Appraisals forthcoming, as well as updated title commitments and ROW agent preparation. Offers will not be made until FONSI is granted.

- US 281 / BSIF Connector Bid Proposal – for August 2015 Letting
  - Submitted Draft Bid Proposal (including final PS&E for TxDOT comments) to TxDOT 5/29/2015
    - Document outlines parameters for the Bid such as the types of bonds the bidders need to have when they submit their proposal back to RMA; time for submitting bids; location for pre construction meeting; federal/state requirements on wages/non-discrimination/etc.; and all specifications they'll need for providing a comprehensive bid and execute the construction to TxDOT technical spec.
  - Pharr District Provided Final comments to Plans 6/5/2015
  - Per Bid Plan Comments due back to TxDOT 6/12/2015

# Project Overview for IBTC



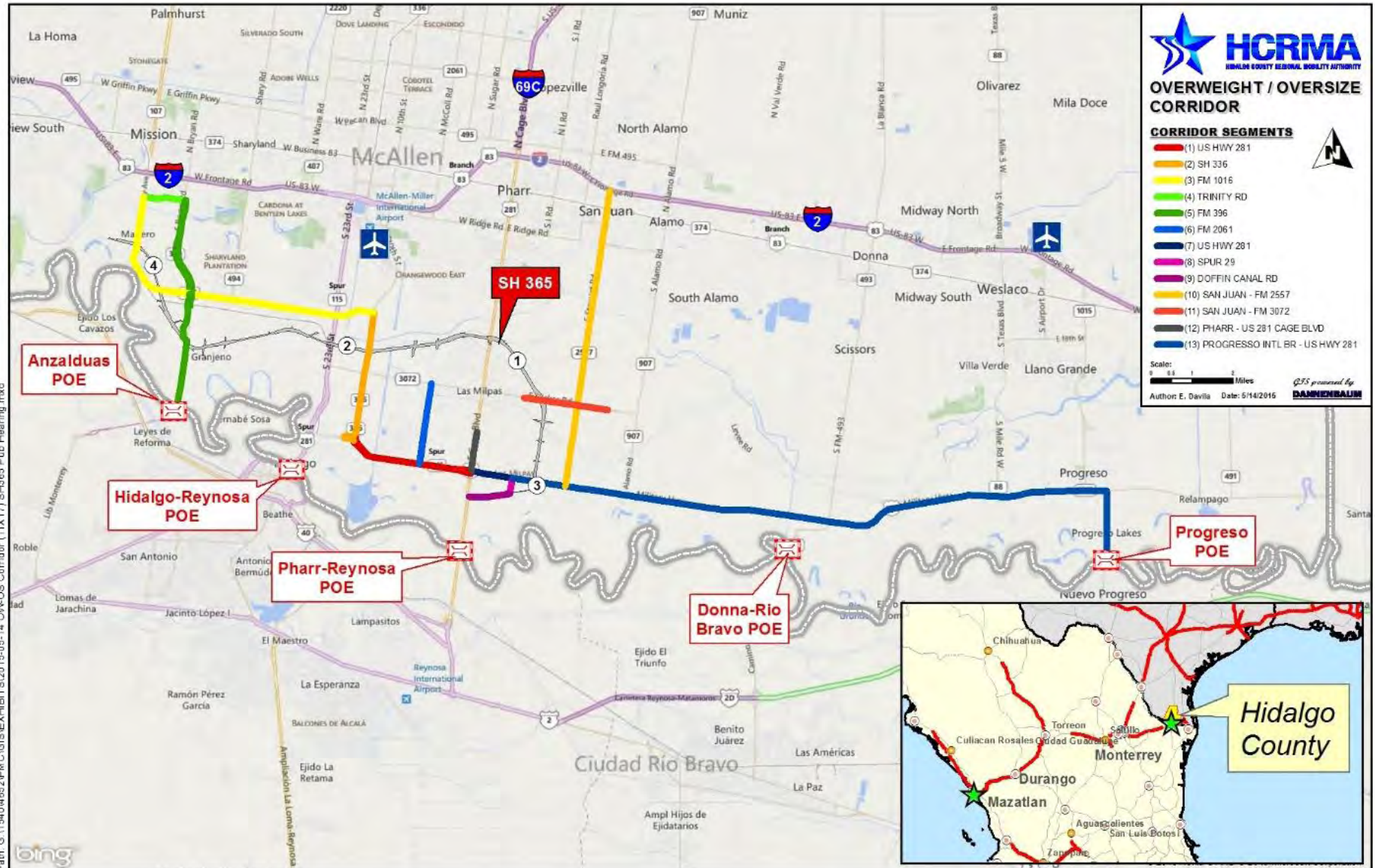
# Schedule to be Revised Based on Discussions with TxDOT on Project Development Next Steps

- Design
  - PS&E for IBTC Segments 1 - 3 are 40 to 60% complete.
  - Geo-technical borehole efforts are on pause for IBTC Segments 1-3.
  - Onsite Hydrologic Studies for IBTC have been reviewed.
  - Subsurface Utility Exposures are 100% complete.
- Environmental
  - NEPA document and fieldwork stopped 2/17/15 per stop work order issued by HCRMA pending further project development discussions with TxDOT.



- ROW Mapping
  - Strip map for complete IBTC project is complete for the entire project.
- ROW Acquisition
  - All parcels north of Donna Reservoirs have been submitted to the ROW Acquisition Team.
  - Early acquisition is nearing completion for the AEP/ETT local project ROW for the transmission line.

# Project Overview for Overweight/Oversize Corridor Permits

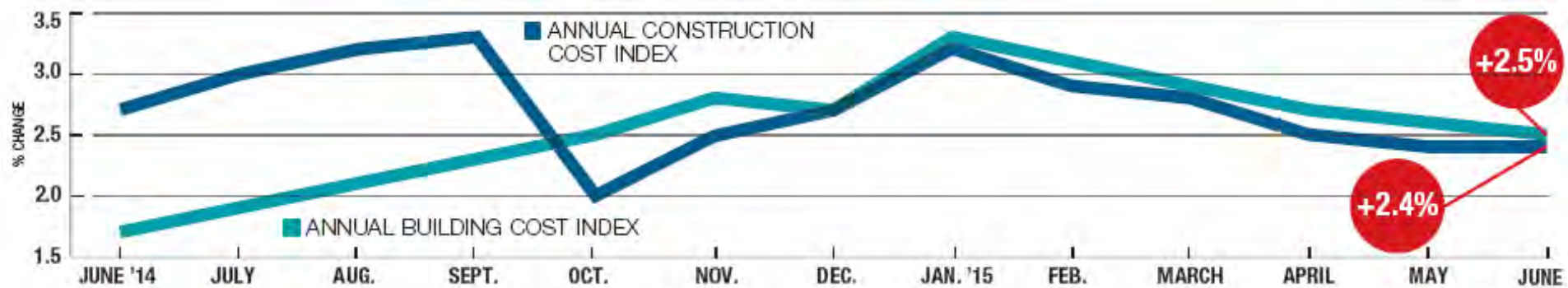
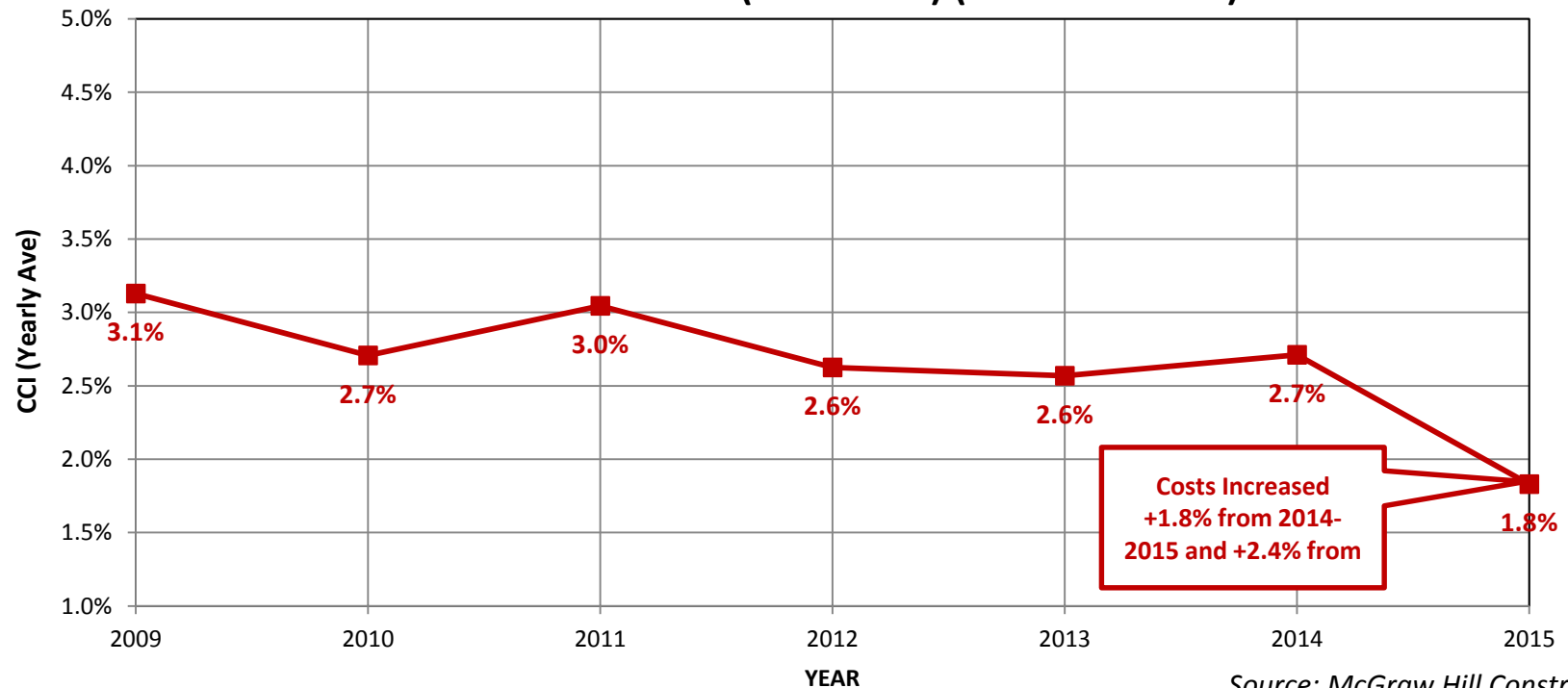


## **From 01/01/2015 – 06/05/2015**

- Total Permits Issued: 5126
- Total Amount Collected: \$419,281.60
  - Convenience Fees (credit card): \$9,201.60
  - Total Permit Fees: \$410,080.00
    - Pro Miles Fees: \$15,378.00
    - TXDOT Total: \$348,568.00
    - HCRMA Total: \$46,134.00

# Construction Cost Index

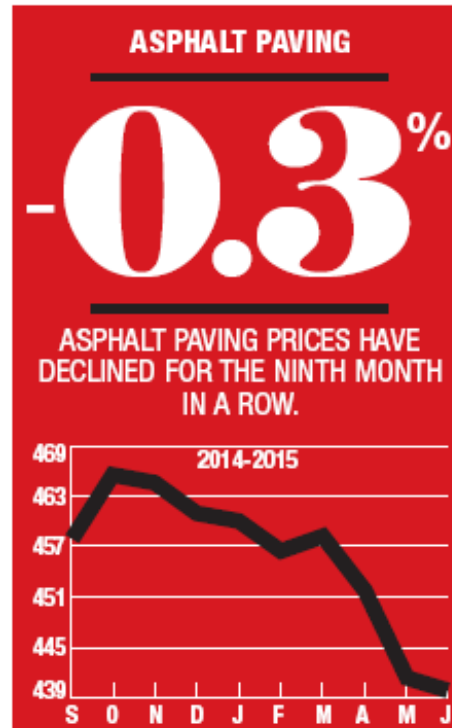
**Construction Cost Index (2009-2015) (as of June 2015)**



# Construction Cost Trends: Asphalt Paving Prices

1. The 20-city average price for liquid asphalt has changed in 2015:

- a. -0.2% Jan
- b. -0.8% Feb
- c. -0.4% Mar
- d. -1.4% Apr
- e. -2.3% May
- f. -0.3 June



## 20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
<b>ASPHALT PAVING</b>				
PG 58	TON	396.12	-0.3	+0.7
Cutback, MC800	TON	377.04	+0.2	-0.6
Emulsion, RAPID SET	TON	353.68	+0.1	-1.4
SLOW SET	TON	365.57	+0.2	-0.5

## PORTLAND CEMENT

Type one	TON	115.64	+0.3	+0.9
----------	-----	--------	------	------

## MASONRY CEMENT

70-lb	BAG	8.55	+0.1	+2.4
-------	-----	------	------	------

## CRUSHED STONE

Base course	TON	10.47	+0.7	+0.2
Concrete course	TON	10.82	+0.9	+4.7
Asphalt course	TON	10.56	+0.2	-6.4

## SAND

Concrete	TON	9.76	+0.1	-0.3
Masonry	TON	10.66	+0.2	+1.2

## READY-MIX CONCRETE

3,000 psi	CY	107.79	+0.1	+3.5
4,000 psi	CY	112.10	+0.2	+2.2
5,000 psi	CY	119.30	+0.3	+1.8

## CONCRETE BLOCK

Normal-weight: 8" x 8" x 16"	C	144.99	-0.2	+3.7
Lightweight: 8" x 8" x 16"	C	162.03	-0.2	0.0
12" x 8" x 16"	C	177.57	-0.2	0.0