



# ROAD BOND & PASS THROUGH FINANCING

## Construction Summary Report

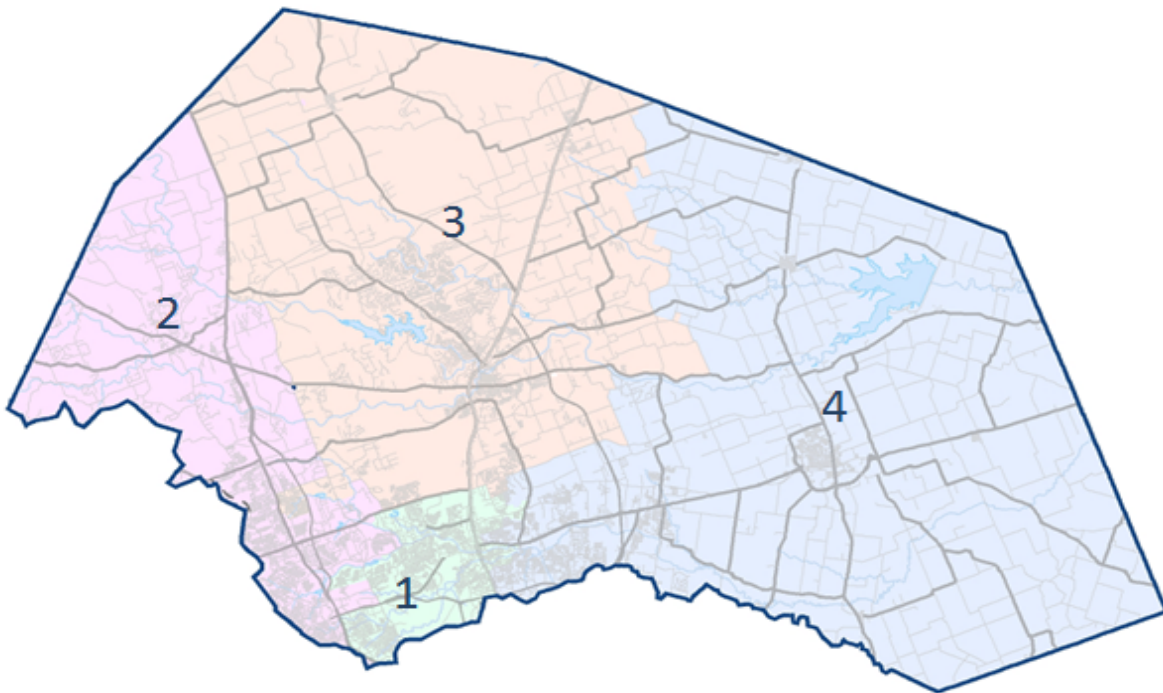
County Judge  
Dan Gattis

Commissioners  
Terry Cook  
Cynthia Long  
Valerie Covey  
Larry Madsen

# September 2017

[WWW.ROADBOND.ORG](http://WWW.ROADBOND.ORG)

Volume XVI - Issue No.09



Presented By:



PRIME  
STRATEGIES,  
INC.

# HNTB

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# **WILLIAMSON COUNTY**

## **ROAD BOND PROGRAM**

### **COMPLETED PROJECTS**

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF AUGUST 2017

#### **Precinct 1**

- Pond Springs Road (signal) – Apr 2002
- McNeil Road, Phase 1 – Jan 2005
- McNeil Road, Phase 2 – Feb 2007
- RM 620, Phase 1 – Jan 2009
- Pond Springs Road – Sep 2010
- County Road 174 at Brushy Creek – Jun 2011
- O'Connor Drive Extension – Apr 2012
- King of Kings Crossing – Aug 2012
- RM 620 Safety Improvements – Dec 2014

#### **Precinct 2**

- RM 1869 at SH 29 (signal) – Aug 2002
- River Bend Oaks – Feb 2003
- County Road 175 – Jun 2003
- County Road 200 – Sep 2003
- Ronald Reagan Blvd, South Ph. 1 – Dec 2004
- County Road 214 – Feb 2005
- County Road 258 – Sep 2006
- San Gabriel Pkwy, Ph. 1 – Feb 2007
- Ronald Reagan Blvd North Ph. 1 – Mar 2007
- Lakeline Blvd – Jul 2007
- Ronald Reagan Blvd South Ph. 2 – Feb 2008
- US 183 at CR 274 – Feb 2008
- County Road 175 Phase 2A – Jan 2010
- US 183 at FM 3405 Traffic Signal – Mar 2010
- US 183 at FM 3405 Left Turn Lanes – May 2010
- County Road 214 Phase 2A – Jan 2011
- San Gabriel Parkway Ph. 2 – Oct 2011
- US 183 (PTF) – Apr 2012
- SH 29 TWLTL Liberty Hill – Dec 2012
- Hero Way – Feb 2013
- County Roads 260/266 – Apr 2013
- County Road 277 – Jul 2014
- Lakeline Blvd at US 183 – Nov 2014
- Lakeline Blvd Ph. 2 – Apr 2015
- County Road 258 – Jul 2017

# **WILLIAMSON COUNTY**

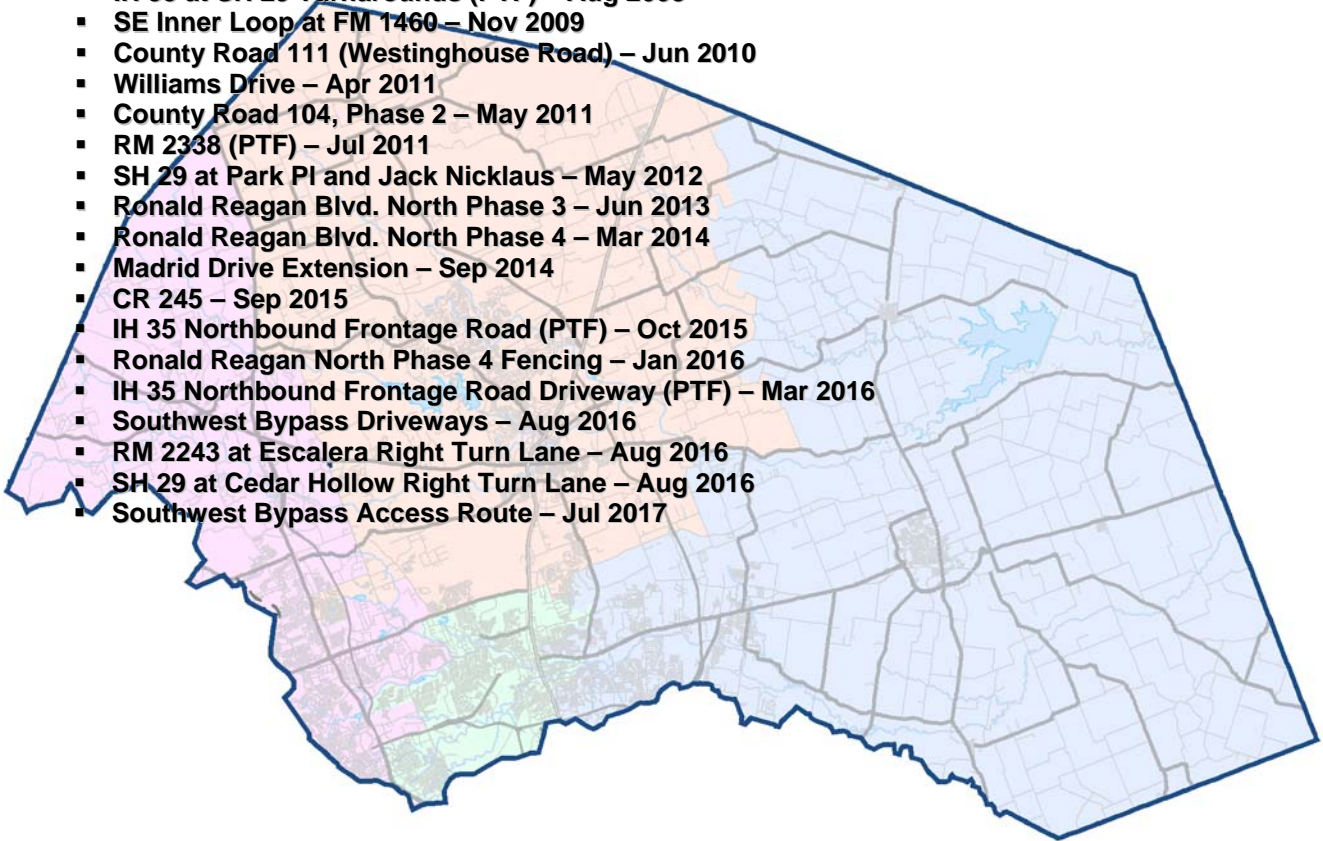
## **ROAD BOND PROGRAM**

### **COMPLETED PROJECTS**

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF AUGUST 2017

#### **Precinct 3**

- Cedar Hollow at SH 29 (signal) – Aug 2002
- Georgetown Inner Loop Project 2 – Aug 2003
- Georgetown Inner Loop Project 1 – Jun 2004
- Georgetown Inner Loop East Extension – Sep 2004
- County Road 152 Bridge Replacement – Sep 2004
- Inner Loop East (CR 151 to Bus 35) – Oct 2005
- Ronald Reagan Blvd North, Ph. 2 – May 2008
- 12" Water Main Relocation for SH 29 Widening – Jun 2008
- SH 29 / CR 104, Ph. 1 – Jul 2008
- IH 35 at SH 29 Turnarounds (PTF) – Aug 2008
- SE Inner Loop at FM 1460 – Nov 2009
- County Road 111 (Westinghouse Road) – Jun 2010
- Williams Drive – Apr 2011
- County Road 104, Phase 2 – May 2011
- RM 2338 (PTF) – Jul 2011
- SH 29 at Park Pl and Jack Nicklaus – May 2012
- Ronald Reagan Blvd. North Phase 3 – Jun 2013
- Ronald Reagan Blvd. North Phase 4 – Mar 2014
- Madrid Drive Extension – Sep 2014
- CR 245 – Sep 2015
- IH 35 Northbound Frontage Road (PTF) – Oct 2015
- Ronald Reagan North Phase 4 Fencing – Jan 2016
- IH 35 Northbound Frontage Road Driveway (PTF) – Mar 2016
- Southwest Bypass Driveways – Aug 2016
- RM 2243 at Escalera Right Turn Lane – Aug 2016
- SH 29 at Cedar Hollow Right Turn Lane – Aug 2016
- Southwest Bypass Access Route – Jul 2017





# **WILLIAMSON COUNTY**

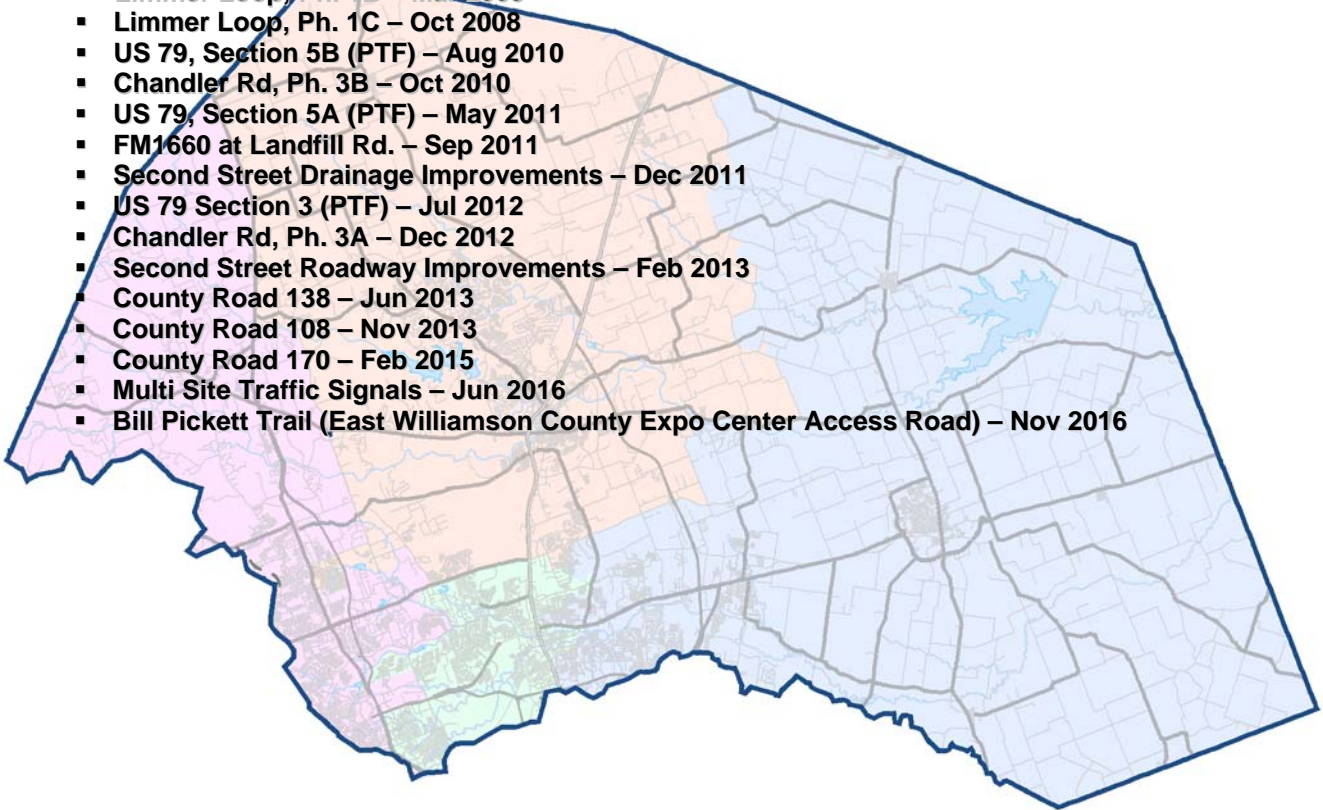
## **ROAD BOND PROGRAM**

### **COMPLETED PROJECTS**

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF AUGUST 2017

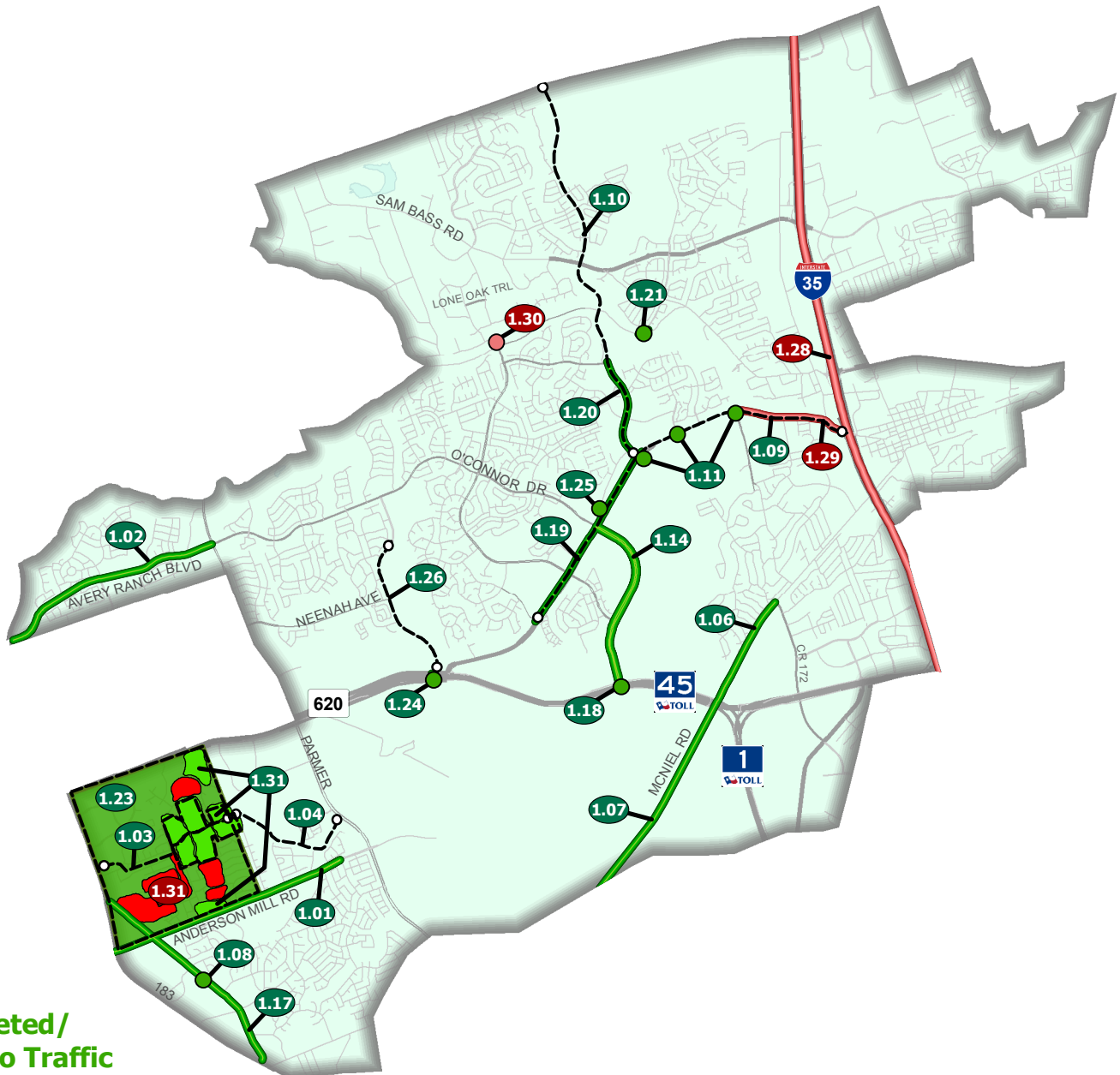
#### **Precinct 4**

- Bridge Replacements (CR 390, 406 & 427) – Nov 2002
- County Road 368 and 369 – Nov 2002
- County Road 412 – Aug 2003
- County Road 300 and 301 – Dec 2003
- County Road 424 Bridge Replacement – Jan 2004
- Chandler Rd. Extension, Ph. 1 – Mar 2005
- County Road 112, Ph. 1 – Aug 2005
- County Road 137 – Oct 2005
- Limmer Loop, Ph. 1A – Jul 2006
- Chandler Rd, Ph. 2 – Dec 2007
- Limmer Loop, Ph. 1B – Mar 2008
- Limmer Loop, Ph. 1C – Oct 2008
- US 79, Section 5B (PTF) – Aug 2010
- Chandler Rd, Ph. 3B – Oct 2010
- US 79, Section 5A (PTF) – May 2011
- FM1660 at Landfill Rd. – Sep 2011
- Second Street Drainage Improvements – Dec 2011
- US 79 Section 3 (PTF) – Jul 2012
- Chandler Rd, Ph. 3A – Dec 2012
- Second Street Roadway Improvements – Feb 2013
- County Road 138 – Jun 2013
- County Road 108 – Nov 2013
- County Road 170 – Feb 2015
- Multi Site Traffic Signals – Jun 2016
- Bill Pickett Trail (East Williamson County Expo Center Access Road) – Nov 2016



# 2006 ROAD BOND PROGRAM PROJECTS

## PRECINCT 1 - COMMISSIONER COOK



### Completed/ Open to Traffic

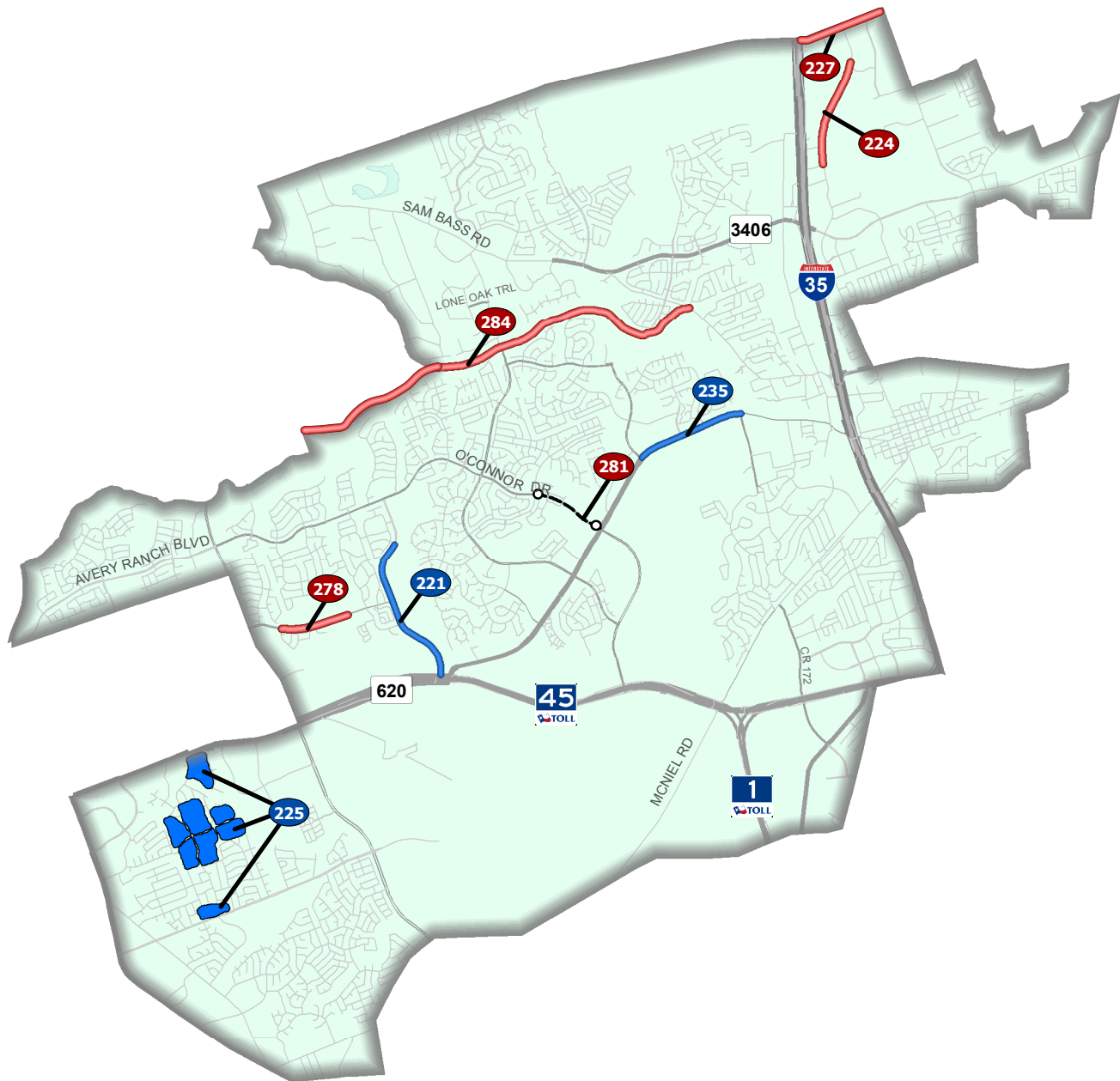
- 1.01 Anderson Mill Rd.
- 1.02 Avery Ranch Blvd. (183 to Parmer Lane)
- 1.03 Lake Creek Drainage – Phase 1 ○—○
- 1.04 Lake Creek Drainage – Phase 2 ○—○
- 1.06 McNeil Road - Phase 1
- 1.07 McNeil Road - Phase 2
- 1.08 Pond Springs at Turtle Rock Signal
- 1.09 RM 620 Feasibility Study ○—○
- 1.10 Wyoming Springs North Study ○—○
- 1.11 RM 620 Interim Improvements – Phase 1
- 1.14 O'Connor Extension
- 1.17 Pond Springs Road
- 1.18 O'Connor Overpass at SH 45
- 1.19 RM 620 (Cornerwood Dr. to Wyoming Springs)
- 1.20 Wyoming Springs (620 to Brightwater Blvd.)
- 1.21 CR 174 (Hairy Man Rd.) Bridge Rail Rehab
- 1.23 Forest North Drainage Study [ ]
- 1.25 King of Kings Crossing
- 1.26 Pearson Ranch Road (Design) ○—○
- 1.24 Pearson Ranch Underpass at SH 45/ RM 620
- 1.31 Forest North Drainage Improvements - Phase 1 (design) [ ]

### In Design

- 1.28 IH 35 Operational Analysis
- 1.29 RM 620 (IH 35 to Deep Wood Dr.)
- 1.30 Great Oaks at Brushy Creek
- 1.31 Forest North Drainage Improvements - Phase 2

# 2013 ROAD BOND PROGRAM PROJECTS

## PRECINCT 1 - COMMISSIONER COOK



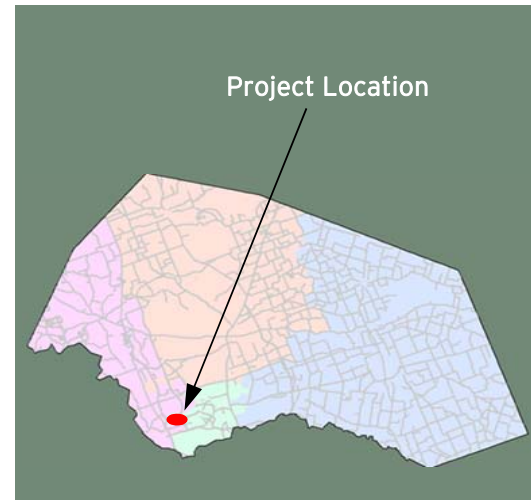
### Under Construction/Bidding

- 221 Pearson Ranch Road
- 225 Forest North Drainage Improvements - Phase 1
- 235 RM 620 Phase 2 (Wyoming Springs to Deep Wood Drive)

### In Design

- 224 North Mays Street Extension (La Paloma to Oakmont Dr.)
- 227 University Blvd Widening (IH 35 to Sunrise Rd.)
- 278 Neenah Avenue Widening (Olive Hill Drive to end)
- 281 O'Connor Drive North of RM 620 (Traffic Study) ○—○
- 284 Hairy Man Rd/Brushy Creek Rd Safety Improvements (Arrowhead Trail to Sam Bass Road)





## Forest North Drainage Ph 1

(Residential Drainage of the Forest North Subdivision)

Project Length: Residential Neighborhood

Roadway Classification: Drainage Improvements

Project Schedule: August 2016 - April 2018

Estimated Construction Cost: \$3.8 Million



## AUGUST 2017 IN REVIEW

**8/4/2017:** DeNucci Constructors continued 18" and 24" storm pipe installation in the Wisterwood Zone and completed the last water line tie-ins at the Broadmeade/Braeburn Glenn and Broadmeade/Kensington intersections. Subcontractors Jenkins and Sisk/Robb removed the last AC pipe. Easement clearing/prep ROW continued for the Trickle channel in the Briar Hollow Zone.

**8/11/2017:** Storm pipe installation continued in the Wisterwood Zone. Concrete driveway construction continued in the Stillforest Zone and final ditch grading for permanent seeding resumed in the Stillforest Zone.

**8/18/2017:** Storm pipe installation in the Wisterwood Zone was completed. Concrete driveway construction began in the Wisterwood Zone and was completed in the Stillforest Zone. Final ditch grading for permanent seeding was completed in the Stillforest Zone and storm pipe installation began in the Briar Hollow Zone. Asphalt trench repairs began in Braeburn Glenn Zone.

**8/25/2017:** Storm pipe installation was completed in the Briar Hollow Zone. Concrete driveway and sidewalk construction continued in the Wisterwood Zone. Soil Retention Blanket installation was completed in the Stillforest Zone. Flexbase was placed as part of the trench repairs for the Wisterwood Zone.



Design Engineer: K Friese and Cobb Fendley  
Contractor: DeNucci Constructors  
Construction Observation: Ryan Rivera, HNTB

Williamson County  
Road Bond Program



**Forest North Drainage Ph 1**  
**Project No. 1604-068**

Original Contract Price = \$3,556,659.50

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>	
6/9/2016	7/1/2016	8/1/2016	8/11/2016			600	35	635	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>
1	8/11/2016	8/31/2016	21	\$152,734.50	\$152,734.50	\$16,970.50	\$16,970.50	4	3
2	9/1/2016	9/30/2016	30	\$208,685.70	\$361,420.20	\$23,187.30	\$40,157.80	11	8
3	10/1/2016	10/31/2016	31	\$266,921.68	\$628,341.88	\$29,657.96	\$69,815.76	18	13
4	11/1/2016	12/2/2016	32	\$182,471.22	\$810,813.10	\$20,274.58	\$90,090.34	24	18
5	12/3/2016	12/31/2016	29	\$177,314.98	\$988,128.08	\$19,701.67	\$109,792.01	29	23
6	1/1/2017	1/31/2017	31	\$231,302.70	\$1,219,430.78	\$25,700.30	\$135,492.31	36	27
7	2/1/2017	2/28/2017	28	\$304,664.67	\$1,524,095.45	\$33,851.63	\$169,343.94	45	32
8	3/1/2017	3/31/2017	31	\$191,005.20	\$1,715,100.65	\$21,222.80	\$190,566.74	50	37
9	4/1/2017	4/30/2017	30	\$172,795.55	\$1,887,896.20	\$19,199.50	\$209,766.24	55	41
10	5/1/2017	5/31/2017	31	\$229,295.63	\$2,117,191.83	\$25,477.30	\$235,243.54	62	46
11	6/1/2017	6/30/2017	30	\$291,274.89	\$2,408,466.72	\$32,363.87	\$267,607.41	70	51
12	7/1/2017	7/31/2017	31	\$387,533.28	\$2,796,000.00	\$43,062.26	\$310,669.67	82	56

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	3/21/2017	31,806.00	31,806.00

1A: Design Error or Omission. Incorrect PS&E . This Change Order revises work along Broadmeade Ave., between Sherbrooke St. and Meadowheath Dr in the Sherbrooke zone. The original plans called for a ditch in this location but, due to the depth of the original planned ditch, which created slopes steeper than 3:1, the ditch was replaced with an underground storm sewer system with inlets. 3F: County Convenience. Additional work desired by the County. New pay items have been added to the contract to reimburse the contractor for removal of trees larger than what was called out in the original contract.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	5/23/2017	58,006.83	89,812.83

2G: Differing Site Conditions (unforseeable). Unadjusted utility (unforseeable). This Change Order compensates the Contractor for the removal and relocation of an existing water line that is in conflict with the proposed storm sewer line BB1 at the corner of Broadmeade Avenue and Braeburn Glen. 4B: Third Party Accommodation. Third party requested work. This change order also compensates the Contractor for completed trench repair of the asbestos line that is being removed. A portion of the trench repair quantity has been added to this change order. The remaining quantity will be added to a future change order. The City of Austin has agreed to compensate the Contractor for these costs.

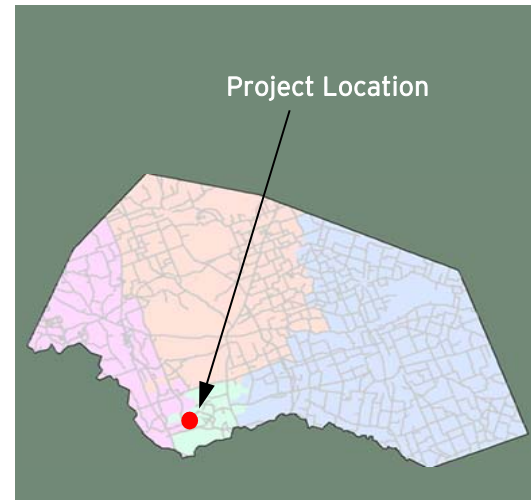
<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	8/22/2017	91,734.95	181,547.78

3F: County Convenience. Additional work desired by the County. This Change Order revises drainage work in the Braeburn, Stillforest and Wisterwood Zones. The cost of the additional work was paid by overrunning existing pay items where possible or for work not covered by an existing pay item, the cost of the work was tracked by force account (time and materials).

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
04	8/22/2017	59,124.65	240,672.43

3F: County Convenience. Additional work desired by the County. This Change Order revises drainage work at the corner of Broadmeade and Sherbrooke Street in the Sherbrooke Zone. After review, the County requested that the open ditch design be changed to an underground pipe system due the the depth of the ditches.

Adjusted Price = \$3,797,331.93



## Pearson Ranch Road

(Iveans Way to SH 45 ROW)

Project Length: 1.3 Miles

Roadway Classification: Minor Arterial

Project Schedule: November 2016 - October 2017

Estimated Construction Cost: \$4.4 Million



## AUGUST 2017 IN REVIEW

**8/4/2017:** Jimmy Evans finished placing the clay liner for the Water Quality Pond. The installation of the 24" RCP outfall continued on the Robinson easement. Subcontractor Bryant/Frey continued to bore under RM 620. Subcontractor Greater Austin set forms, tied steel and placed concrete for the west retaining wall footing.

**8/11/2017:** The 24" RCP outfall installation continued on the Robinson easement. Subcontractor Bryant/Frey continued to bore under RM 620. Subcontractor ESSI began installation of the foundations and signs. Subcontractor DIJ began removing existing pavement markings.

**8/18/2017:** Subcontractor DIJ removed existing pavement markings and installed new pavement markings from the RRBG to Avery Ranch Road. Two northbound and two southbound lanes opened from RRBG to Avery Ranch Rd.

**8/25/2017:** The placement of Sedimentation filtration pipes continued. Subcontractor ESSI continued to sprayed hydro-mulch from the RRBG to the south. Subcontractor Greater Austin continued to set forms, tie steel and place concrete for the west retaining wall, trickle channel and ramps for the water quality pond. Greater Austin placed concrete for curb and driveways.



Design Engineer: Cunningham-Allen  
Contractor: Jimmy Evans  
Construction Observation:  
Seth Turvey, HNTB

Williamson County  
Road Bond Program

**Pearson Ranch Road (Iveans Way to RM 620)**  
**Project No. 1607-102**

Original Contract Price = \$4,516,178.77

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>	
9/20/2016	10/11/2016	11/18/2016	11/28/2016			330	0	330	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>
1	11/28/2016	11/30/2016	3	\$195,710.04	\$195,710.04	\$21,745.56	\$21,745.56	5	1
2	12/1/2016	12/31/2016	31	\$243,555.13	\$439,265.17	\$27,061.68	\$48,807.24	11	10
3	1/1/2017	1/31/2017	31	\$202,139.71	\$641,404.88	\$22,459.97	\$71,267.21	16	20
4	2/1/2017	2/28/2017	28	\$508,271.85	\$1,149,676.73	\$56,474.65	\$127,741.86	29	28
5	3/1/2017	3/31/2017	31	\$369,038.84	\$1,518,715.57	\$41,004.32	\$168,746.18	38	38
6	4/1/2017	4/30/2017	30	\$330,336.72	\$1,849,052.29	\$36,704.08	\$205,450.26	46	47
7	5/1/2017	5/31/2017	31	\$492,086.42	\$2,341,138.71	-\$82,232.43	\$123,217.83	56	56
8	6/1/2017	6/30/2017	30	\$372,704.74	\$2,713,843.45	\$19,616.04	\$142,833.87	64	65
9	7/1/2017	7/31/2017	31	\$813,710.22	\$3,527,553.67	\$42,826.85	\$185,660.72	84	75

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	5/16/2017	-92,621.70	-92,621.70

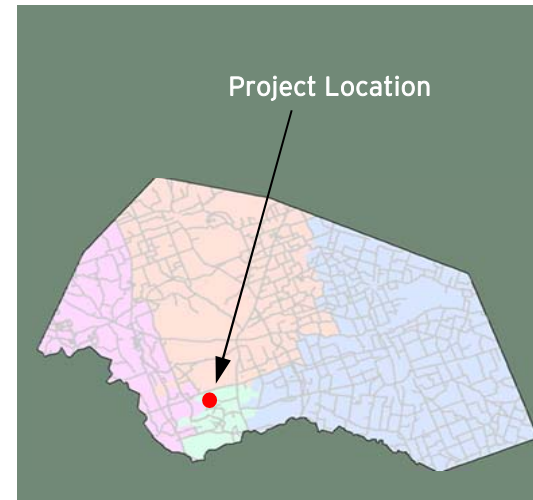
4B: Third Party Accommodation. Third party requested work (reduction in scope). This Change Order revises the City of Austin (COA) water and wastewater (W&WW) work shown in the original plans. The COA requested that the installation of the 8" and 24" pipe and related items be deleted from the contract. The COA funded the water and wastewater work shown in the plans and will get the credit for the reduction in cost to the contract.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	6/13/2017	11,553.00	-81,068.70

2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). This Change Order revises the pay items for the intersection tie-in work at Neenah Avenue and Pearson Ranch Road. The tie-in location was adjusted 25' to provide a smooth profile through the intersection. This change extends the limits of Neenah reconstruction west of Pearson Ranch Road.

Adjusted Price = \$4,435,110.07





## RM 620 Phase 2

(Wyoming Springs to Deep Wood Drive)

Project Length: .9 Miles

Roadway Classification: Urban Principal Arterial

Project Schedule: January 2017-March 2018

Estimated Construction Cost: \$6.1 Million



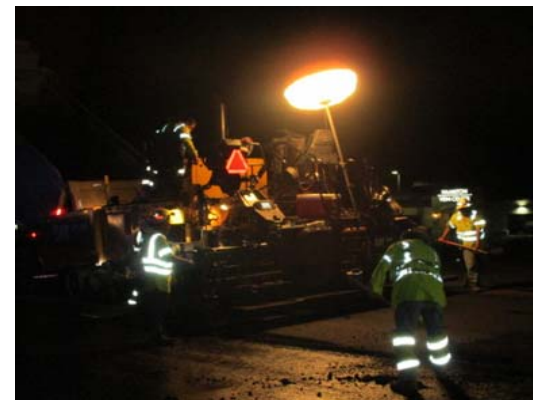
## AUGUST 2017 IN REVIEW

**8/4/2017:** Cox Commercial Construction potholed for utilities on the north side of RM 620. Subcontractor Austin Traffic Signals formed and placed two aprons around ground boxes on the south side of Oaklands Dr.

**8/11/2017:** Subcontractor Austin Materials milled asphalt from Deep Wood Dr. to east of Oakland Dr. Level up asphalt was placed from the east end of the project to west of Oaklands Dr. and at the turn lane at Deep Wood Dr. Asphalt was placed on lane 1 from the west end of the project to east of Oaklands Dr.

**8/18/2017:** Subcontractor Austin Materials completed the milling of the existing asphalt surface for the full width of the roadway and placed the remaining hot mix from Deep Wood Dr. to just east of Oaklands Dr. for the Phase 2 traffic shift.

**8/25/2017:** On 8/20/17, the eastbound lanes were shifted onto the new pavement along the south ROW and the westbound lanes were shifted into the old eastbound lanes. Subcontractor Flasher restriped the length of the project. Subcontractor Austin Traffic Signal adjusted the traffic signals at Hospital Entrance, Oaklands Dr. and Deep Wood Dr. for the new lane alignment. The right turn lane at Deep Woods was reopened.



Design Engineer: Halff Associates  
Contractor: Cox Commercial Construction  
Construction Observation: Clayton Weber, HNTB

Williamson County  
Road Bond Program

**RM 620 Safety Improvements (Cornerwood to Wyoming Springs)**
**Project No. 1608-108**

Original Contract Price = \$6,082,225.70

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantially Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
9/28/2016	11/30/2016	1/3/2017	1/13/2017			425	0	425
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	
1	1/13/2017	1/31/2017	19	\$459,169.50	\$459,169.50	8	4	
2	2/1/2017	2/28/2017	28	\$280,194.00	\$739,363.50	12	11	
3	3/1/2017	3/31/2017	31	\$389,047.00	\$1,128,410.50	19	18	
4	4/1/2017	4/30/2017	30	\$516,962.84	\$1,645,373.34	27	25	
5	5/1/2017	5/31/2017	31	\$285,725.66	\$1,931,099.00	32	33	
6	6/1/2017	6/30/2017	30	\$313,267.57	\$2,244,366.57	37	40	
7	7/1/2017	7/31/2017	31	\$274,834.20	\$2,519,200.77	41	47	
8	8/1/2017	8/31/2017	31	\$285,281.13	\$2,804,481.90	46	54	
						Adjusted Price = \$6,082,225.70		

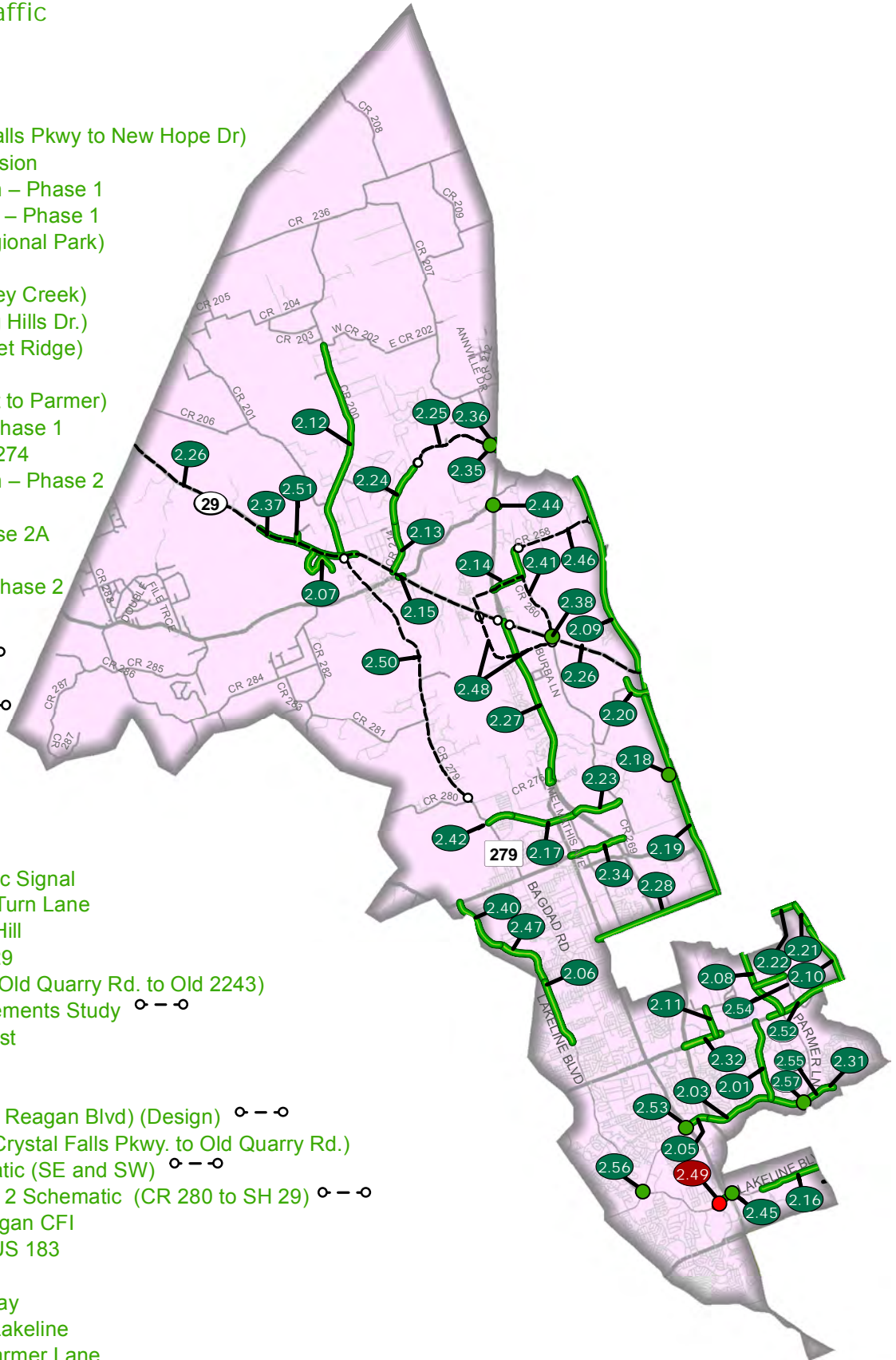
## 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 2 - COMMISSIONER LONG

Completed/Open to Traffic

- 2.01 Vista Ridge Blvd.
- 2.03 Brushy Creek Road
- 2.05 Cypress Creek Road
- 2.06 Lakeline Blvd. (Crystal Falls Pkwy to New Hope Dr)
- 2.07 River Bend Oaks Subdivision
- 2.08 Ronald W. Reagan South – Phase 1
- 2.09 Ronald W. Reagan North – Phase 1
- 2.10 CR 175 (RM 1431 to Regional Park)
- 2.11 CR 185
- 2.12 CR 200 (CR 201 to Lackey Creek)
- 2.13 CR 214 (SH 29 to Rolling Hills Dr.)
- 2.14 CR 258 (US 183 to Sunset Ridge)
- 2.15 RM 1869 at SH 29
- 2.16 Lakeline Blvd. (Lyndhurst to Parmer)
- 2.17 San Gabriel Parkway – Phase 1
- 2.18 US 183 Widening at CR 274
- 2.19 Ronald W. Reagan South – Phase 2
- 2.20 Kauffman Loop
- 2.21 CR 175 Extension – Phase 2A
- 2.22 CR 179
- 2.23 San Gabriel Parkway – Phase 2
- 2.24 CR 214 – Phase 2A
- 2.25 CR 214 – Phase 2B
- 2.26 SH 29 Improvements
- 2.27 US 183 (PTF)
- 2.28 CR 272
- 2.31 Brushy Creek Road
- 2.32 RM 1431
- 2.34 Hero Way
- 2.35 US 183 at FM 3405 Traffic Signal
- 2.36 US 183 at FM 3405 Left Turn Lane
- 2.37 SH 29 TWLTL in Liberty Hill
- 2.38 CR 260 / CR 266 at SH 29
- 2.40 Lakeline Blvd. Phase 2 (Old Quarry Rd. to Old 2243)
- 2.41 Seward Junction Improvements Study
- 2.42 San Gabriel Parkway West
- 2.44 US 183 at RM 1869
- 2.45 Lakeline Blvd. at US 183
- 2.46 CR 258 (Sunset Ridge to Reagan Blvd) (Design)
- 2.47 Lakeline Blvd. Phase 3 (Crystal Falls Pkwy. to Old Quarry Rd.)
- 2.48 Seward Junction Schematic (SE and SW)
- 2.50 Bagdad Rd. North Phase 2 Schematic (CR 280 to SH 29)
- 2.52 RM 1431 at Parmer/ Reagan CFI
- 2.53 Cypress Creek Road at US 183
- 2.54 CR 272 Overlay
- 2.55 Brushy Creek East Overlay
- 2.56 Cypress Creek Road at Lakeline
- 2.57 Brushy Creek Road at Parmer Lane

## In Design

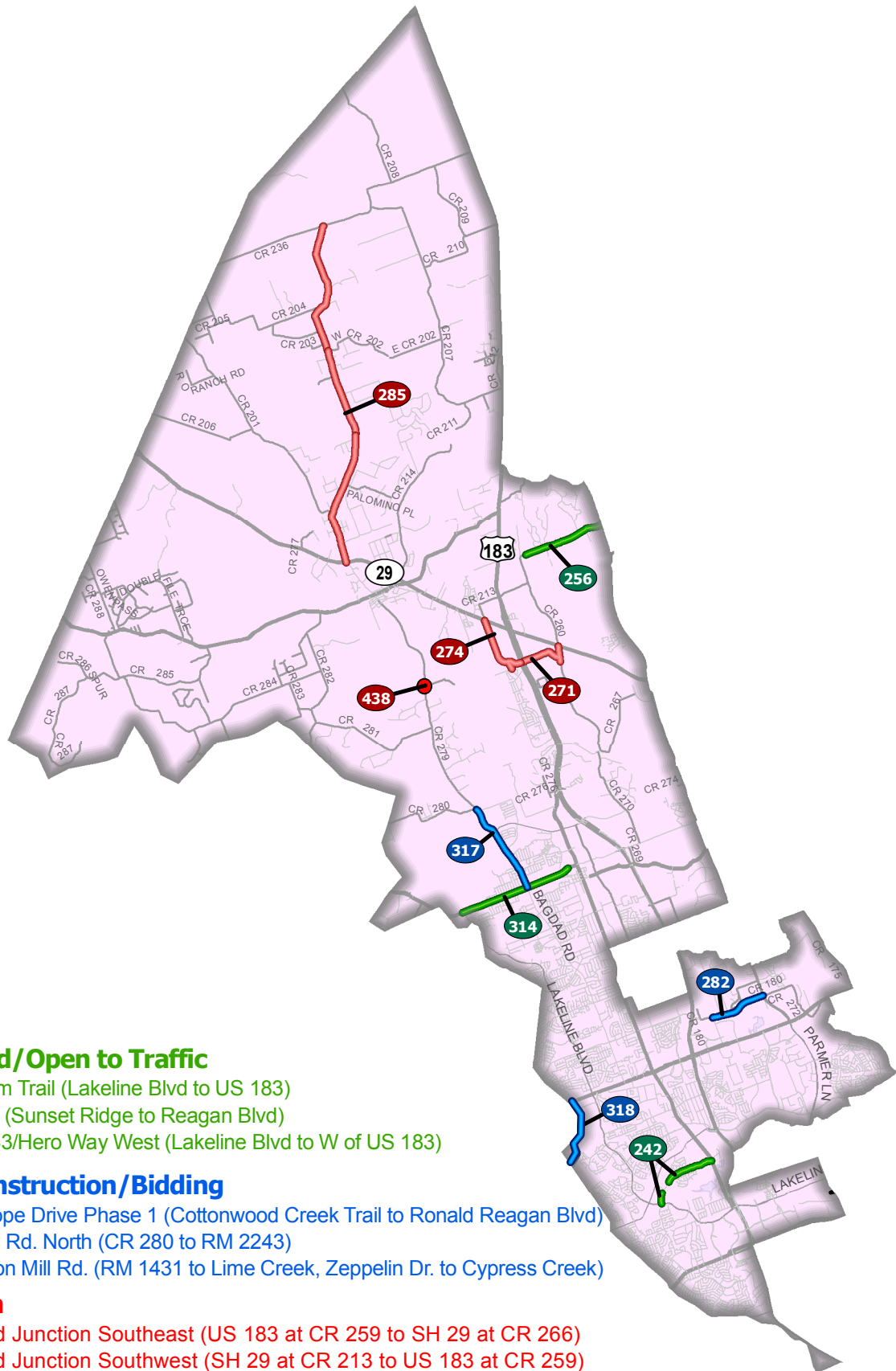
- #### 2.49 Lakeline Blvd. Right Turn Lanes





# 2013 ROAD BOND PROGRAM PROJECTS

## PRECINCT 2 - COMMISSIONER LONG



### Completed/Open to Traffic

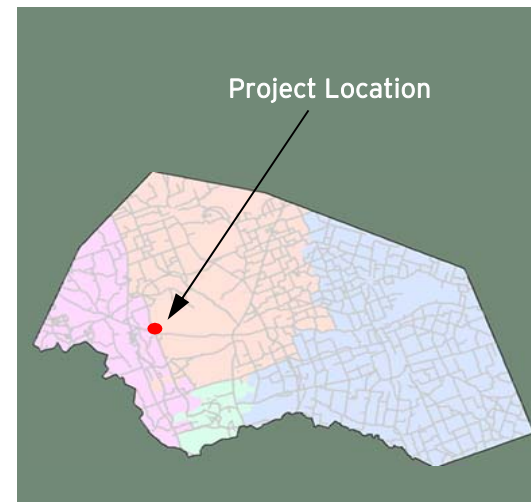
- 242 Little Elm Trail (Lakeline Blvd to US 183)
- 256 CR 258 (Sunset Ridge to Reagan Blvd)
- 314 Old 2243/Hero Way West (Lakeline Blvd to W of US 183)

### Under Construction/Bidding

- 282 New Hope Drive Phase 1 (Cottonwood Creek Trail to Ronald Reagan Blvd)
- 317 Bagdad Rd. North (CR 280 to RM 2243)
- 318 Anderson Mill Rd. (RM 1431 to Lime Creek, Zeppelin Dr. to Cypress Creek)

### In Design

- 271 Seward Junction Southeast (US 183 at CR 259 to SH 29 at CR 266)
- 274 Seward Junction Southwest (SH 29 at CR 213 to US 183 at CR 259)
- 285 CR 200 - Preliminary Design (SH 29 to CR 236)
- 438 Bagdad Road at CR 278



## CR 258

(Sunset Ridge to Ronald Reagan Blvd.)

Project Length: 1.75 Miles

Roadway Classification: Suburban Collector

Project Schedule: July 2016 - August 2017

Estimated Construction Cost: \$6 Million



## AUGUST 2017 IN REVIEW

**8/4/2017:** Chasco substantially completed the project and they are currently working on punchlist items. (Trash pick-up, mailbox installation, permanent sign installation etc.). A ribbon cutting ceremony was held on 8/2/17 at the intersection of Sunny Slope and CR 258.



Design Engineer: Civil Engineering  
Consultants and Cobb Fendley  
Contractor: Chasco Constructors  
Construction Observation:  
Steven Shull, HNTB

Williamson County  
Road Bond Program

**CR 258 (Sunset Ridge to Ronald Reagan North)**  
**Project No. 1603-062**

Original Contract Price = \$5,808,856.58

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>	
4/20/2016	5/10/2016	7/29/2016	8/8/2016	7/25/2017		360	4	364	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>
1	7/1/2016	7/31/2016	0	\$204,692.63	\$204,692.63	\$22,743.63	\$22,743.63	4	0
2	8/8/2016	8/31/2016	24	\$647,625.15	\$852,317.78	\$71,958.35	\$94,701.98	16	7
3	9/1/2016	9/30/2016	30	\$768,046.95	\$1,620,364.73	\$85,338.55	\$180,040.53	30	15
4	10/1/2016	10/31/2016	31	\$523,476.94	\$2,143,841.67	\$58,164.10	\$238,204.63	40	23
5	11/1/2016	11/30/2016	30	\$98,689.54	\$2,242,531.21	\$10,965.50	\$249,170.13	41	32
6	12/1/2016	12/31/2016	31	\$38,127.37	\$2,280,658.58	\$4,236.38	\$253,406.51	42	40
7	1/1/2017	1/31/2017	31	\$636,301.80	\$2,916,960.38	\$70,700.20	\$324,106.71	54	49
8	2/1/2017	2/28/2017	28	\$395,763.89	\$3,312,724.27	\$43,973.76	\$368,080.47	61	56
9	3/1/2017	3/31/2017	31	\$456,281.18	\$3,769,005.45	\$50,697.91	\$418,778.38	69	65
10	4/1/2017	4/30/2017	30	\$317,257.62	\$4,086,263.07	\$35,250.85	\$454,029.23	75	73
11	5/1/2017	5/31/2017	31	\$325,276.60	\$4,411,539.67	\$36,141.84	\$490,171.07	81	82
12	6/1/2017	6/30/2017	30	\$382,942.21	\$4,794,481.88	\$42,549.14	\$532,720.21	88	90
13	7/1/2017	7/25/2017	25	\$732,546.03	\$5,527,027.91	-\$241,824.00	\$290,896.21	96	97
14	7/26/2017	8/31/2017	0	\$153,726.71	\$5,680,754.62	-\$174,962.44	\$115,933.77	96	97

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	10/4/2016	9,660.00	9,660.00

4B: Third Party Accommodation. Third Party Requested Work. This Change Order adds an encasement pipe crossing for a future waterline under CR 258 at Station 160+50. The installation of the additional encasement pipe was requested by the Property owner for future water service. The additional cost of the encasement pipe will be deducted from the Right of Way acquisition agreement with the property owner.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	1/31/2017	33,848.00	43,508.00

3B: County Convenience. Public relations improvement. 3F: County Convenience. Additional work desired by the County. This Change Order changes the hot mix pavement section on CR 258 from one 3" lift of Type C HMA PG 70-22 to one 2" lift of Type C HMA PG 64-22 and one 1.5" lift of Type D HMA PG 64-22 and deletes the one course surface treatment on Ronald Reagan.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	2/28/2017	38,765.00	82,273.00

2C: Differing Site Conditions (Unforeseeable). New development (conditions changing after PS&E completed). 4B: Third Party Accommodation. Third part requested work. This change order reflects multiple driveway changes including, extending a driveway culvert to accommodate a new driveway location, relocating a proposed driveway, extending a driveway culvert to save a heritage oak tree, adding a driveway to the project and shortening the guardrail at a proposed driveway location.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
04	3/21/2017	14,907.69	97,180.69

6C: Untimely ROW/Utilities Utilities Not Clear: This Change Order compensates the Contractor for additional costs to locate and avoid impacts to the AT&T line and to ensure uninterrupted service to adjacent properties. Utilities AT&T and PEC were scheduled to be clear by August 31, 2016, but were not clear until February 2017. The Contractor worked to avoid impacts to the existing AT&T line during the installation of the new City of Georgetown water line.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
05	3/21/2017	51,199.00	148,379.69

2J: Differing Site Conditions. (unforeseeable) Other. This change order revises various erosion control measures on the project, including the addition of soil retention blanket to the contract to prevent erosion and help to establish vegetation quicker on the slopes and in the ditches. 3H: County Convenience. Cost savings opportunity discovered during construction. This change order replaces the 12" Gabion mattresses with Flexamat. The use of this product was approved by the County Road and Bridge Department. The 3' x 3' gabions were deleted due to changes at the downstream end of Culvert #2.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
06	5/16/2017	23,780.00	172,159.69

1A: Design Error or Omission. Incorrect PS&E. This Change Order documents the quantity/cost overrun to existing bid Item 508 Constructing Detours. 2C: Differing Site Conditions. New development (conditions changing after PS&E). This change order also includes the deletion of existing bid items; Item 403 Temporary Shoring, Item 552 Wire Fencing and Gate because these items will not be used on the project and a reduction in quantity for Item 512 Port Concrete Traffic Barrier, Ty 1 and 2.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
07	6/6/2017	48,426.44	220,586.13

2F: Differing Site Conditions (unforeseeable). Site conditions altered by an act of nature. Ground water was encountered at the east end of the project while excavating to subgrade on the proposed eastbound half of the project. After several days of pumping, cutting trenches, excavating, and reworking subgrade to try and dry it out a French drain was installed to relieve the ground water that was causing the issues with the subgrade.

Adjusted Price = \$6,029,442.71



# 2006 ROAD BOND PROGRAM PROJECTS

## PRECINCT 3 - COMMISSIONER COVEY

### Completed/Open to Traffic

- 1.12 Westinghouse Rd. (CR 111)
- 1.16 SE Inner Loop at FM 1460
- 2.04 Cedar Hollow at SH 29
- 2.08 Ronald W. Reagan South – Ph. 1
- 2.09 Ronald W. Reagan North – Ph. 1
- 3.01 FM 1460 to CR 110
- 3.02 Georgetown Inner Loop East
- 3.03 Georgetown Inner Loop East Extension
- 3.04 Georgetown Inner Loop – Project 1
- 3.05 Georgetown Inner Loop – Project 2
- 3.06 Georgetown Inner Loop – Project 3 Study      ○ – ○
- 3.07 Georgetown Inner Loop – Project 4 Study      ○ – ○
- 3.08 Georgetown Inner Loop – Project 5 Study      ○ – ○
- 3.09 CR 124
- 3.10 CR 142
- 3.11 CR 145
- 3.12 CR 152 Bridge Replacement
- 3.13 CR 157
- 3.14 CR 175
- 3.15 CR 234
- 3.16 CR 245
- 3.17 CR 311
- 3.18 CR 314
- 3.20 Ronald W. Reagan South - Phase 2
- 3.21 Ronald W. Reagan North - Phase 2
- 3.22 IH-35 at SH 29 Turnarounds (PTF)
- 3.48 SH 29 Widening - 12" Water Main Relocation
- 3.23 SH 29/CR 104 – Phase 1
- 3.24 Williams Drive (RM 2338)
- 3.25 CR 104 – Phase 2
- 3.26 CR 175 Extension - Phase 2A
- 3.27 IH 35 Northbound Frontage Rd. and Ramps

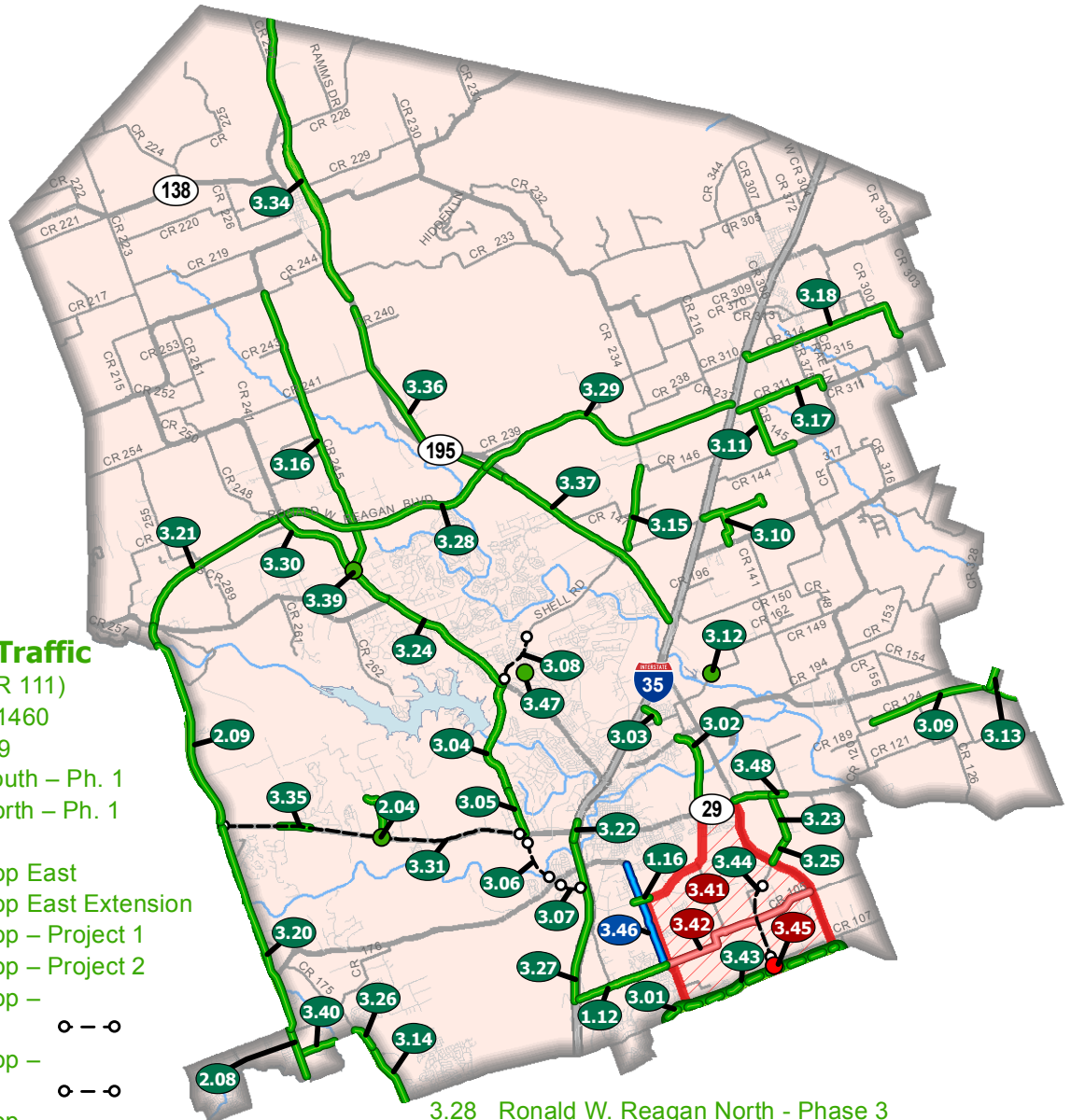
- 3.28 Ronald W. Reagan North - Phase 3
- 3.29 Ronald W. Reagan North - Phase 4
- 3.30 RM 2338 (PTF)
- 3.31 SH 29 Improvements Study & Schematic      ○ – ○
- 3.34 SH 195 Project 1
- 3.35 SH 29 at Park Place Dr. & Jack Nicklaus Blvd.
- 3.36 SH 195 Project 2
- 3.37 SH 195 Project 3
- 3.39 CR 245 Realignment
- 3.40 CR 179
- 3.43 University Blvd. (Chandler Rd) Expansion (Design)
- 3.44 CR 110 North      ○ – ○  
(North of CR 107 to North of Sam Houston) (Design)
- 3.47 Madrid Drive Extension

### Under Construction/Bidding

- 3.46 FM 1460 North

### In Design

- 3.41 CR 110 / Arterial A Study
- 3.42 CR 111 / CR 105 Westinghouse Rd.  
(FM 1460 to SH 130)
- 3.45 CR 110 Middle (North of Limmer Loop to CR 107)



234 RM 2243 At Escalera Parkway  
243 Southwest Bypass Driveways  
291 SH 29 At Cedar Hollow  
293 Kauffman Loop Phase 1 (NE quadrant of Reagan at SH 29)

226 Inner Loop Safety Improvements  
(Rockride Lane to Wilco Way)

243c Southwest Bypass Access Route

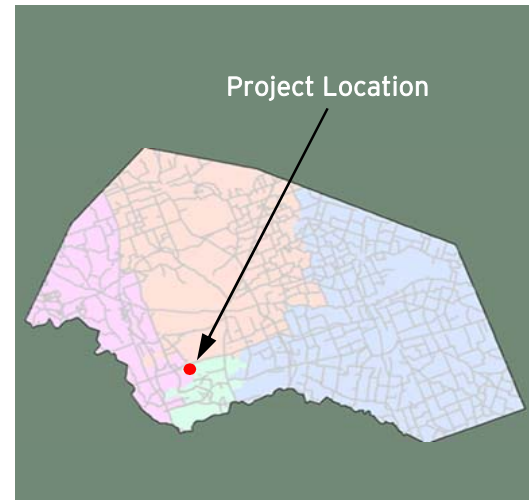
243b Southwest Bypass Segment 1 (RM 2243 to IH 35)

251 Inner Loop Safety Improvements  
(Belmont Drive to Rockride Lane)

276 Arterial H Extension Phase 1 (CR 175 to Massey Way)

231 Ronald Reagan at IH 35 (Bridge Replacement)  
231 IH 35 Ramp Reversal and  
Frontage Road Conversion (FM 972 to CR 312)  
237 DB Wood At SH 29  
241 CR 176 at RM 2243 (Safety Improvements)  
243d Southwest Bypass Segment 2 (RM 2243 to IH 35)  
306 CR 305 At IH 35 - Design (Bridge Replacement)





## Arterial H

(Sam Bass Rd to existing Arterial H)

Project Length: .83 Miles

Roadway Classification: Minor Arterial

Limited NTP: June 2016 - November 2017

Estimated Construction Cost: \$3.3 Million



## AUGUST 2017 IN REVIEW

**8/4/2017:** Patin Construction excavated to subgrade between CR 175 and Culvert A and excavated for the Pedestrian Culvert. Grading for the floor at Culvert B continued. Subcontractor Rod Busters tied steel for the floor at Culvert B.

**8/11/2017:** Excavation to subgrade continued between CR 175 and Culvert A. Grading for the floor at Culvert B continued. Subcontractor Rod Busters continued to tie steel for the floor at Culvert B and Subcontractor Custom Trench pre-trenched for the storm sewer line east of Culvert A.

**8/18/2017:** Embankment continued to be placed for the berm along the northern ROW from Culvert A to Culvert B. Concrete for Culvert B floor and aprons was placed. The Contractor graded, set formwork and tied steel for the pedestrian culvert. Subcontractor Custom Trench continued to pre-trench for storm sewer pipe from Culvert A.

**8/25/2017:** Concrete for the pedestrian culvert floor, aprons, and the weir wall footings was placed. The wall forms were set for Culvert B. Subcontractor Custom Trench continued pre-trenching for the storm sewer line between Culvert A and CR 175.



Design Engineer: Randall Jones  
Contractor: Patin Construction  
Construction Observation:  
Steven Shull, HNTB

Williamson County  
Road Bond Program



**Arterial H Phase 1 (Sam Bass Rd to existing Arterial H)**  
**Project No. 1603-064**

Original Contract Price = \$3,210,934.80

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
4/20/2016	5/16/2016	2/17/2017 (Limited) 5/26/2017	6/5/2017			180	426	606

<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>
1	6/1/2016	6/30/2016	0	\$134,198.10	\$134,198.10	\$14,910.90	\$14,910.90	4	0
2	7/1/2016	7/31/2016	0	\$182,746.89	\$316,944.99	\$20,305.21	\$35,216.11	11	0
3	8/1/2016	8/31/2016	0	\$93,893.40	\$410,838.39	\$10,432.60	\$45,648.71	14	0
4	9/1/2016	9/30/2016	0	\$206,817.21	\$617,655.60	\$22,979.69	\$68,628.40	21	0
5	6/4/2017	6/30/2017	27	\$47,340.00	\$664,995.60	\$5,260.00	\$73,888.40	22	4
6	7/1/2017	8/31/2017	62	\$587,022.75	\$1,252,018.35	\$65,224.75	\$139,113.15	42	15

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	8/29/2017	132,771.00	132,771.00

4C: Third Party Accommodation. Compliance requirements of new laws and/or policies (impacting third party). Project delayed, due to TCEQ approval process for Water Quality pond design changes. 2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). Design changes were necessary, due to unknown elevation of existing water table

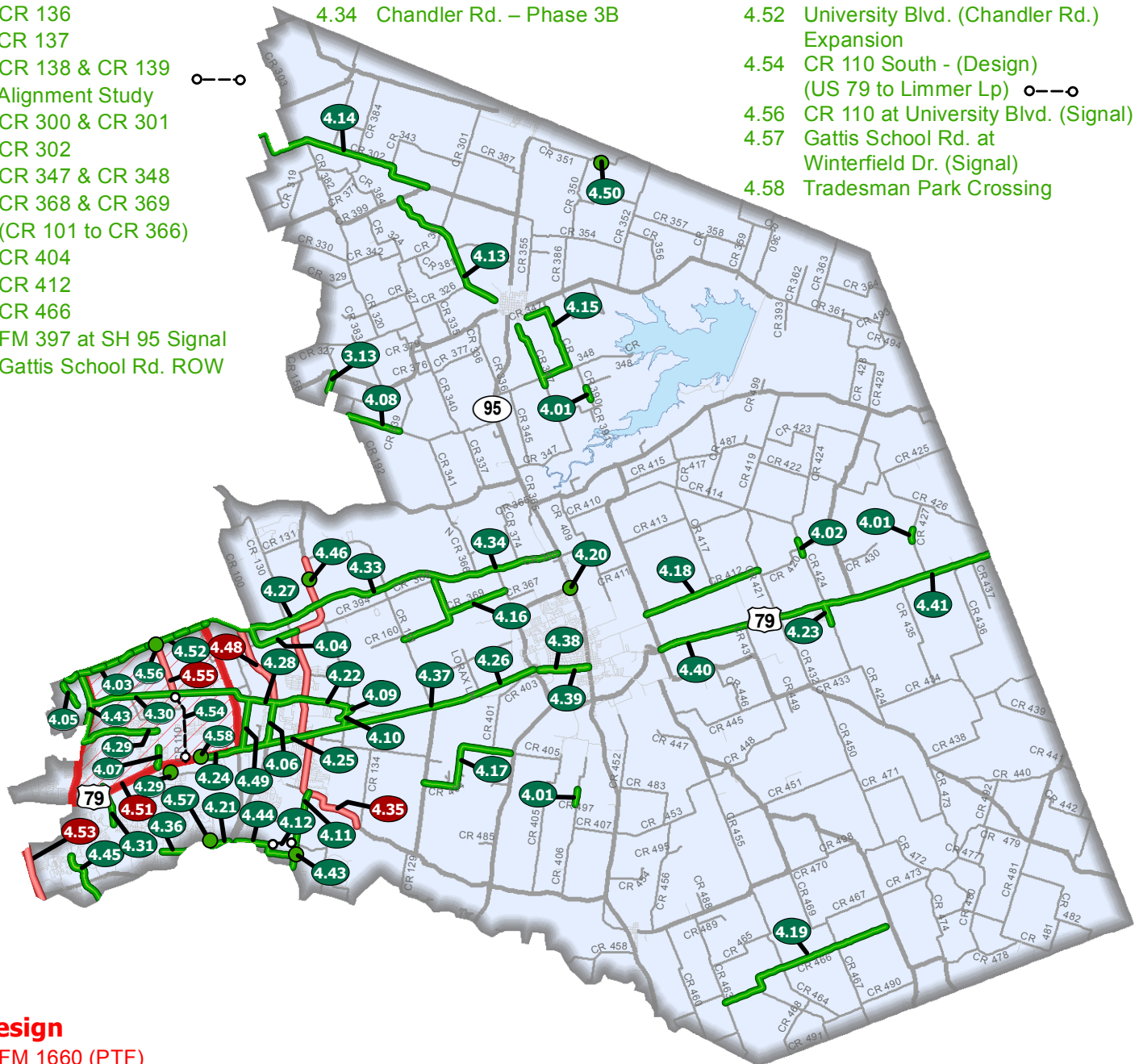
Adjusted Price = \$3,343,705.80

# 2006 ROAD BOND PROGRAM PROJECTS

## PRECINCT 4 - COMMISSIONER MADSEN

### Completed/Open to Traffic

- |  |                                      |   |
|--|--------------------------------------|---|
| 3.13 CR 157  | 4.22 Limmer Loop – Phase 1A          | 4.36 Gattis School Road                               |
| 4.01 Bridge Replacements Phase 1<br>(CR 390, 406, 427) | 4.23 Thrall School Zone              | 4.37 US 79 - Section 3 (PTF)                          |
| 4.02 CR 424 Bridge Replacement                         | 4.24 US 79 – Section 1               | 4.38 2nd Street Improvements                          |
| 4.03 Chandler Rd. – Phase 1                            | 4.25 US 79 – Section 2               | 4.39 2nd Street Drainage Improvements                 |
| 4.04 CR 100  | 4.26 US 79 – Section 3A              | 4.40 US 79 Section 5A (PTF)                           |
| 4.05 CR 112 – Phase 1                                  | 4.27 Chandler Rd. – Phase 2          | 4.41 US 79 Section 5B (PTF)                           |
| 4.06 CR 119  | 4.28 Limmer Loop – Phase 1B          | 4.43 FM 1460 Section 2                                |
| 4.07 CR 122 at US 79                                   | 4.29 CR 113 / Old Settlers Blvd.     | 4.44 CR 138   |
| 4.08 CR 124  | 4.30 Limmer Loop – Phase 1C          | 4.45 CR 170   |
| 4.09 CR 132  | 4.31 Kenney Fort Boulevard – Phase 1 | 4.46 FM 1660 at Landfill Rd. (CR 128)                 |
| 4.10 CR 136  | 4.33 Chandler Rd. – Phase 3A         | 4.49 CR 108   |
| 4.11 CR 137  | 4.34 Chandler Rd. – Phase 3B         | 4.50 CR 351 at Donahoe Creek                          |
| 4.12 CR 138 & CR 139<br>Alignment Study                |                                      | 4.52 University Blvd. (Chandler Rd.)<br>Expansion     |
| 4.13 CR 300 & CR 301                                   |                                      | 4.54 CR 110 South - (Design)<br>(US 79 to Limmer Lp)  |
| 4.14 CR 302  |                                      | 4.56 CR 110 at University Blvd. (Signal)              |
| 4.15 CR 347 & CR 348                                   |                                      | 4.57 Gattis School Rd. at<br>Winterfield Dr. (Signal) |
| 4.16 CR 368 & CR 369<br>(CR 101 to CR 366)             |                                      | 4.58 Tradesman Park Crossing                          |
| 4.17 CR 404  |                                      |   |
| 4.18 CR 412  |                                      |   |
| 4.19 CR 466  |                                      |   |
| 4.20 FM 397 at SH 95 Signal                            |                                      |   |
| 4.21 Gattis School Rd. ROW                             |                                      |   |

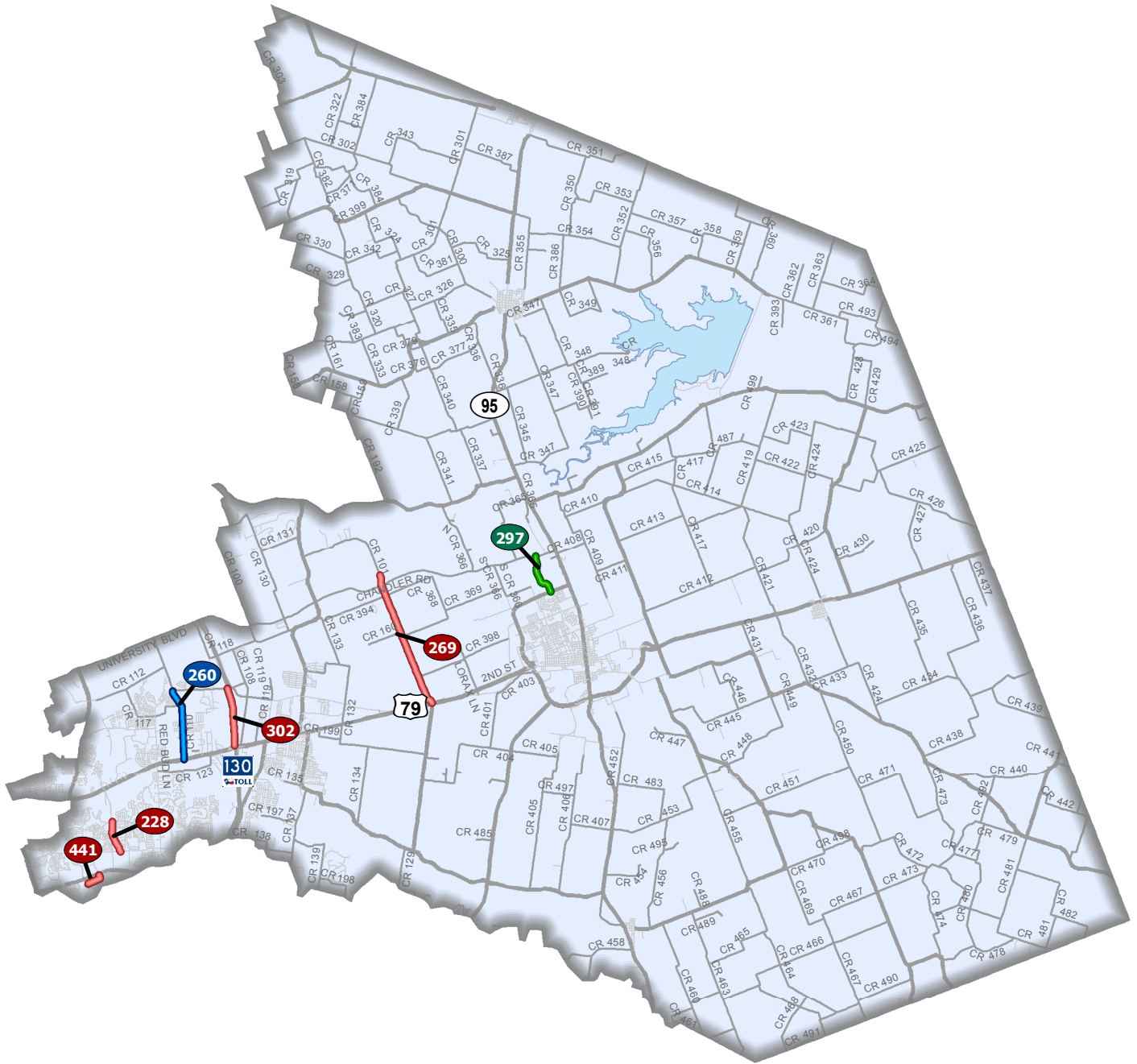


### In Design

- 4.35 FM 1660 (PTF)
- 4.48 CR 119
- 4.51 CR 110/ Arterial A Study Area
- 4.53 IH 35 Operational Analysis
- 4.55 CR 110 Middle (North of Limmer Loop to CR 107)

# 2013 ROAD BOND PROGRAM PROJECTS

## PRECINCT 4 - COMMISSIONER MADSEN



### Completed/Open to Traffic

297 Bill Pickett Trail (Carlos Parker Blvd to Chandler Road)

### Under Construction/Bidding

260 CR 110 South (US 79 to Limmer Loop)

### In Design

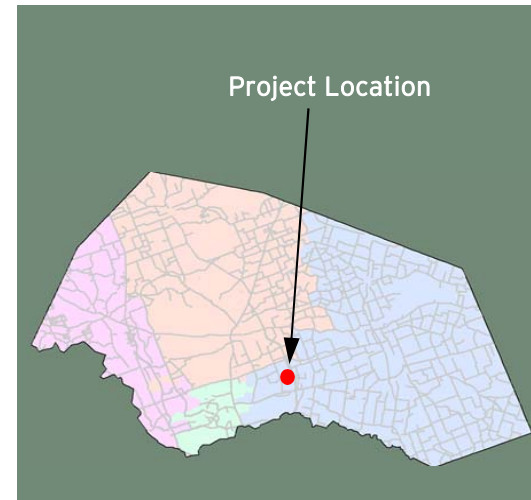
228 Kenney Fort Blvd. Ph. 1 (Forest Creek Blvd. to Gattis School Rd.)

269 CR 101 (US 79 to North of Chandler Rd.)

302 SH 130 Frontage Roads Phase 3 (SBFR US 79 to Limmer Loop)

441 Roundville Lane (A.W. Grimes Blvd. to EBFR of SH 45)





## County Road 110 South (US 79 to Limmer Loop)

Project Length: 2.25 Miles  
Roadway Classification: Minor Urban Arterial

Project Schedule: January 2017-June 2018  
Estimated Construction Cost: \$11.2 Million



## AUGUST 2017 IN REVIEW

**8/4/2017:** Chasco Constructors processed flexbase from McNutt Creek to Mozart Lane. Water line tie-ins continued at US 79. Concrete was formed and poured for the Culvert 3 wingwall. Subcontractor Texas Walls set MSE wall panels at Abutment 2 of the McNutt Creek bridge and formed the remaining wall footings at Abutment 1.

**8/11/2017:** Flexbase was graded from north of McNutt Creek to Mozart Lane. Ditch excavation and driveway pipe installation continued between CR 122 and Limmer Loop. Concrete curb and gutter were placed from McNutt Creek to Sofia Lane and Porano Circle to Mozart Lane.

**8/18/2017:** Flexbase was processed from CR 122 to Limmer Loop. Water line work was completed at US 79. Concrete wingwalls were placed at Culverts 3 and 5. The concrete backwall and cap were placed at Abutment 2. Subcontractor Texas Walls continued setting wall panels at Abutment 2.

**8/25/2017:** Placement of embankment continued south of McNutt Creek. The Abutment 1 cap for the bridge was poured and the concrete riprap placed on the north slope of McNutt Creek. Subcontractor APAC-Wheeler placed asphalt from McNutt Creek to Mozart Lane.



Design Engineer: Dannenbaum  
Contractor: Chasco Constructors  
Construction Observation:  
David Boone, HNTB

Williamson County  
Road Bond Program



**CR 110 South (US 79 to Limmer Loop)**  
**Project No. 1604-075**

Original Contract Price = \$11,224,589.02

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
9/27/2016	10/17/2016	1/3/2017	1/13/2017			510	0	510

<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u>	<u>% Time</u>
1	1/13/2017	3/31/2017	78	\$1,644,069.60	\$1,644,069.60	\$182,674.40	\$182,674.40	16	15
2	4/1/2017	4/30/2017	30	\$393,511.50	\$2,037,581.10	\$43,723.50	\$226,397.90	20	21
3	5/1/2017	5/31/2017	31	\$582,730.20	\$2,620,311.30	\$64,747.80	\$291,145.70	26	27
4	6/1/2017	6/30/2017	30	\$630,479.66	\$3,250,790.96	\$70,053.30	\$361,199.00	32	33
5	7/1/2017	7/31/2017	31	\$803,057.63	\$4,053,848.59	\$89,228.62	\$450,427.62	40	39
6	8/1/2017	8/31/2017	31	\$1,287,965.24	\$5,341,813.83	\$143,107.25	\$593,534.87	53	45

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	6/15/2017	-5,837.31	-5,837.31

1A: Design Error or Omission. Incorrect PS&E. The proposed flow of water from Box Culvert 6 went through the middle of a downstream property; therefore, a redesign and relocation of Culvert 6 was necessary. 4B: Third Party Accommodation. Third party requested work. The property owner at the downstream end of the proposed culvert requested that the water flow around his property limits, as it does in the current conditions. 2C: Differing Site Conditions. New development (conditions changing after PS&E completed). The Mozart Street connection to CR 110 South was permitted and built after the completion of the CR 110 South roadway plans and plan revisions were required to tie-in properly

Adjusted Price = \$11,218,751.71