



# ROAD BOND & PASS THROUGH FINANCING

## Construction Summary Report

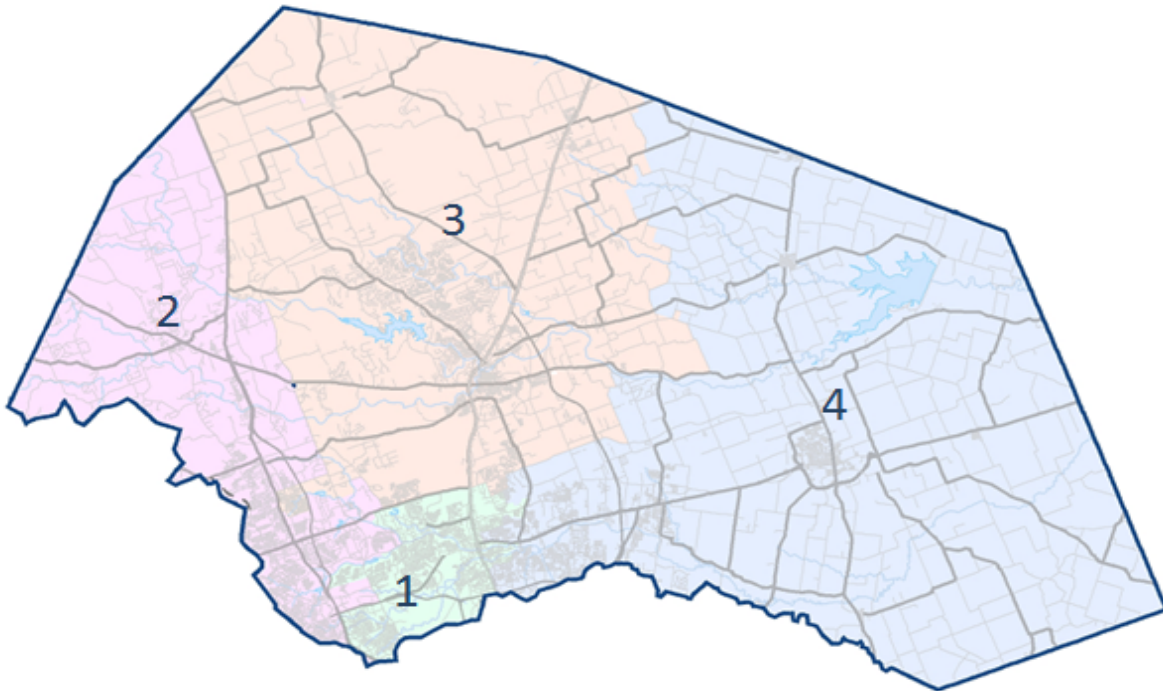
County Judge  
Dan Gattis

Commissioners  
Terry Cook  
Cynthia Long  
Valerie Covey  
Larry Madsen

# May 2017

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

Volume XVI - Issue No.05



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 APRIL 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

# **WILLIAMSON COUNTY**

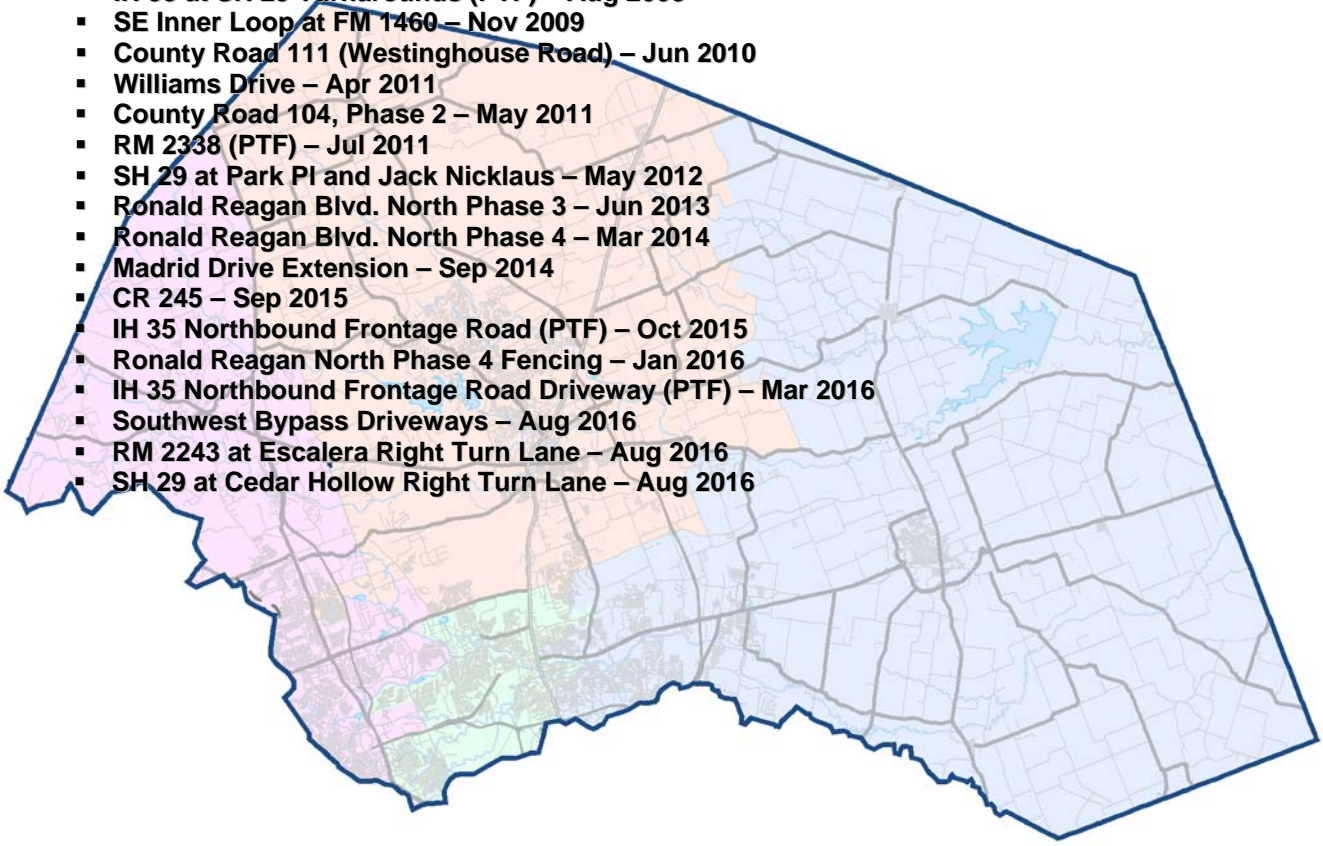
## **ROAD BOND PROGRAM**

### **COMPLETED PROJECTS**

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF APRIL 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





# WILLIAMSON COUNTY

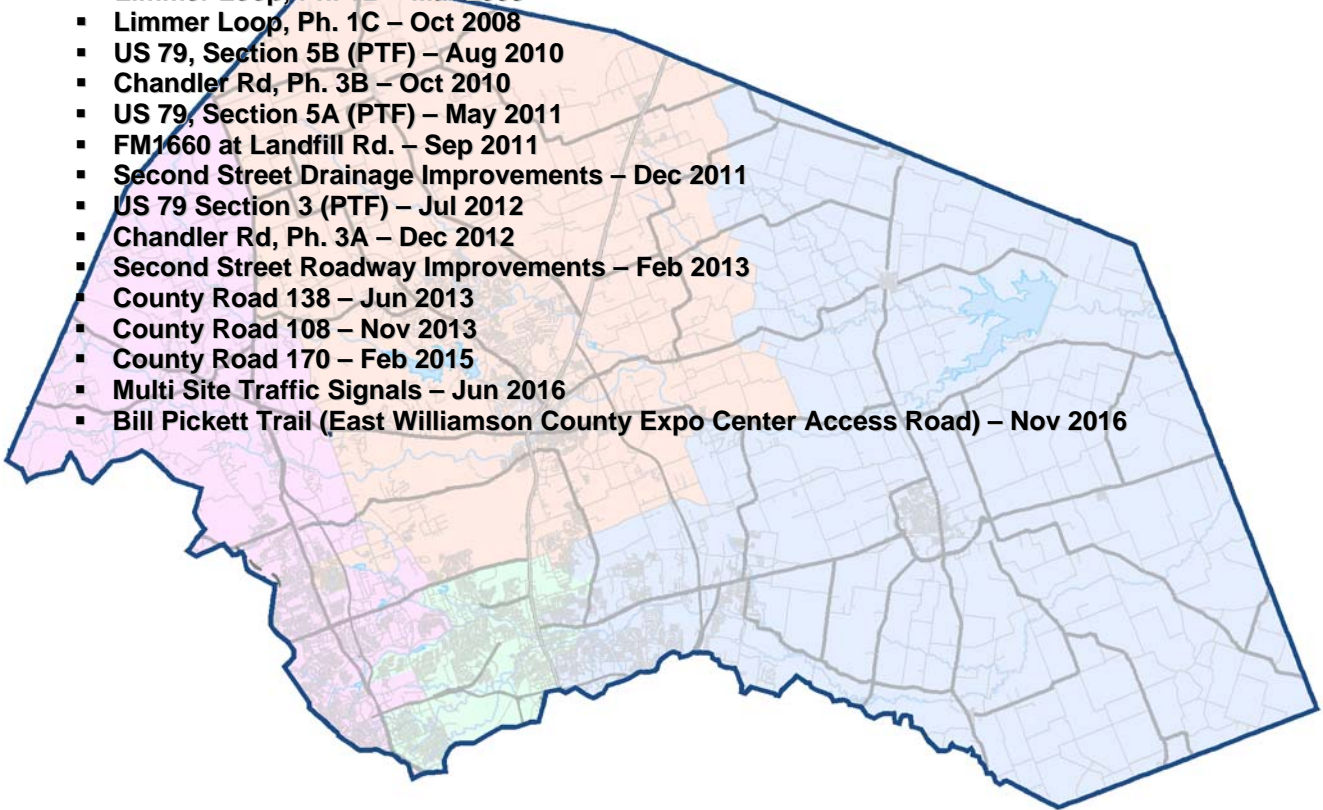
## ROAD BOND PROGRAM

### COMPLETED PROJECTS

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

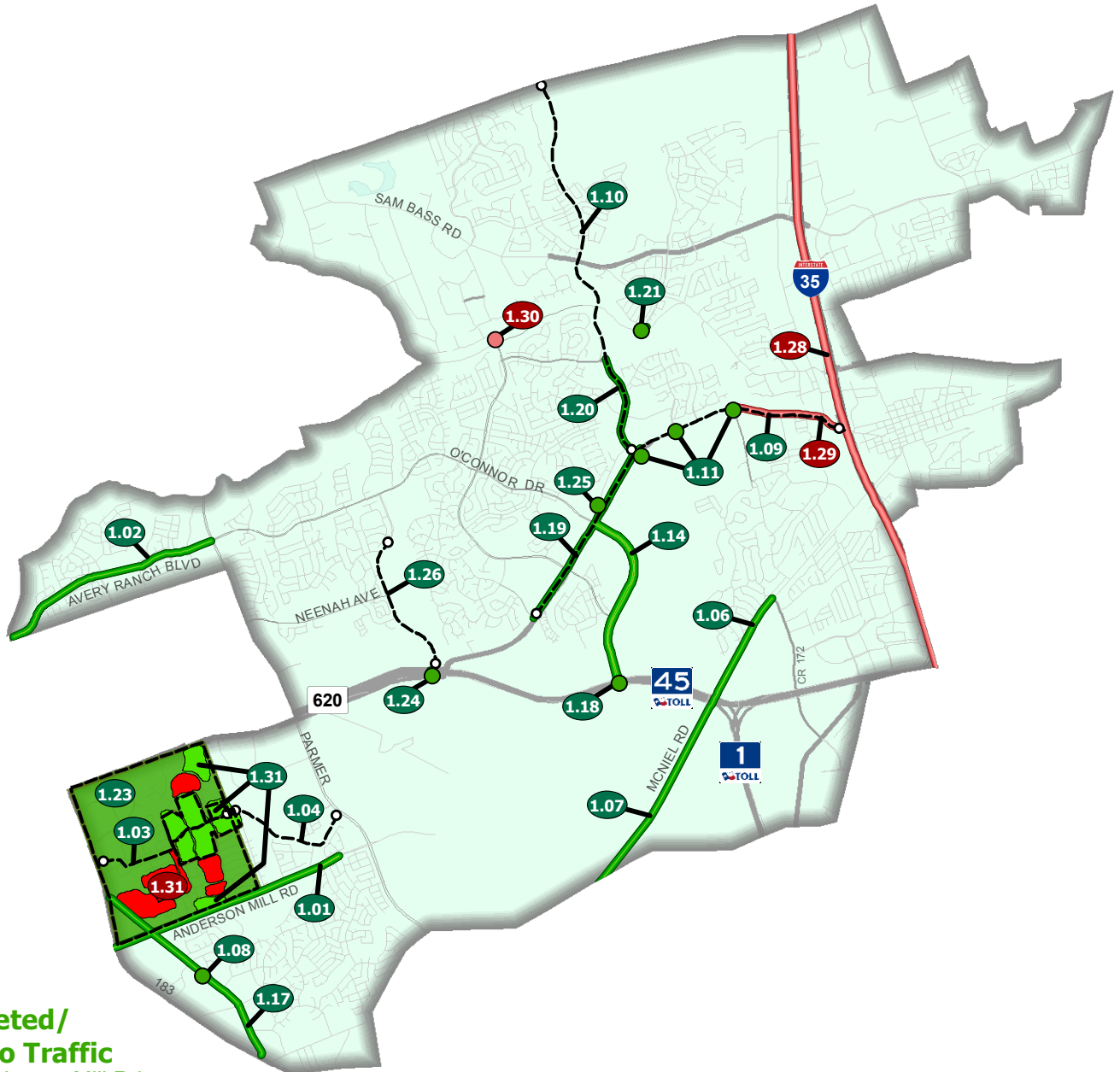
#### Precinct 4

- 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

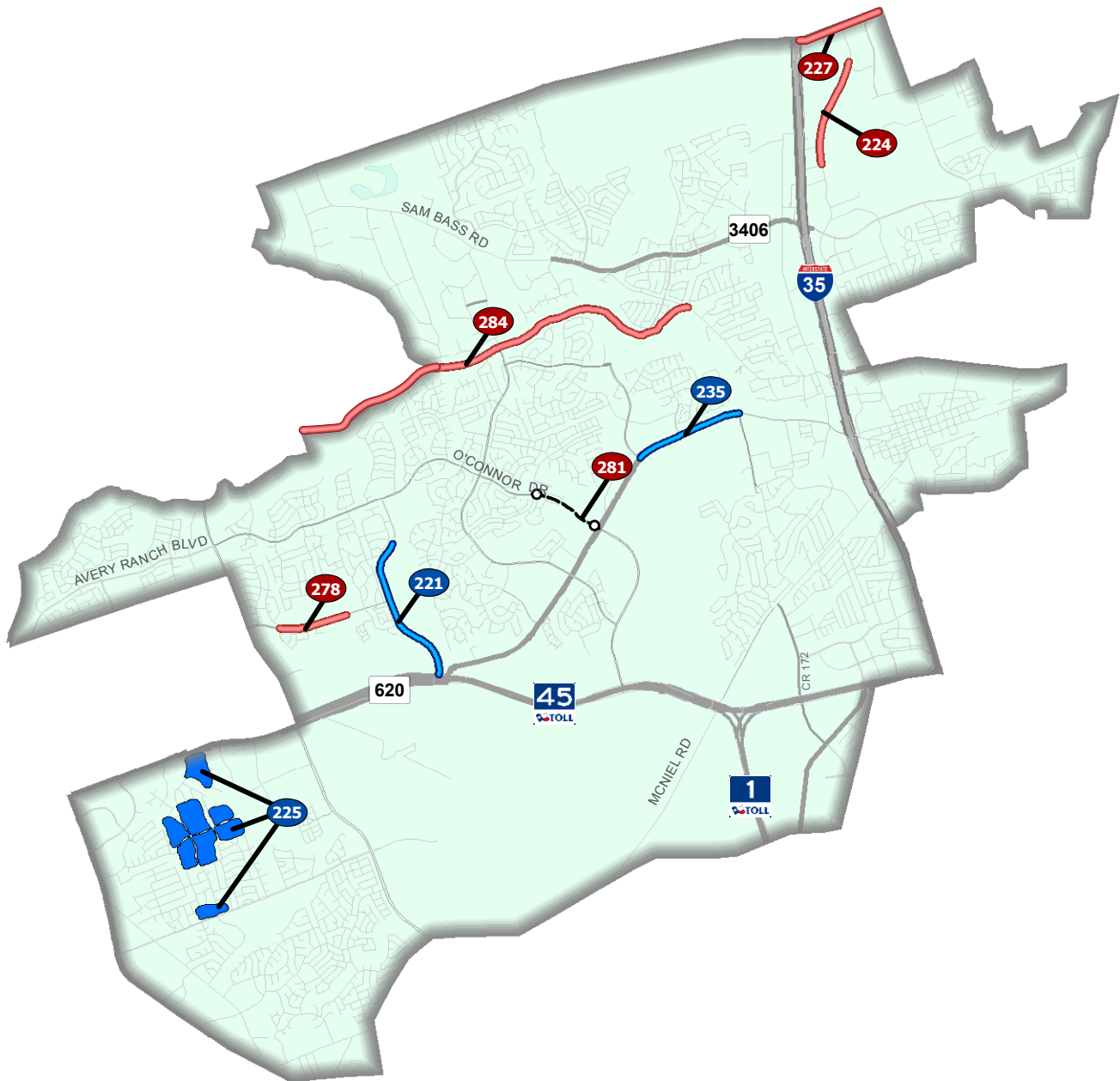
- 1.01 Anderson Mill Rd.
- 1.02 Avery Ranch Blvd. (183 to Parmer Lane)
- 1.03 Lake Creek Drainage – Phase 1 ○—○
- 1.04 Lake Creek Drainage – Phase 2 ○—○
- 1.06 McNeil Road - Phase 1
- 1.07 McNeil Road - Phase 2
- 1.08 Pond Springs at Turtle Rock Signal
- 1.09 RM 620 Feasibility Study ○—○
- 1.10 Wyoming 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



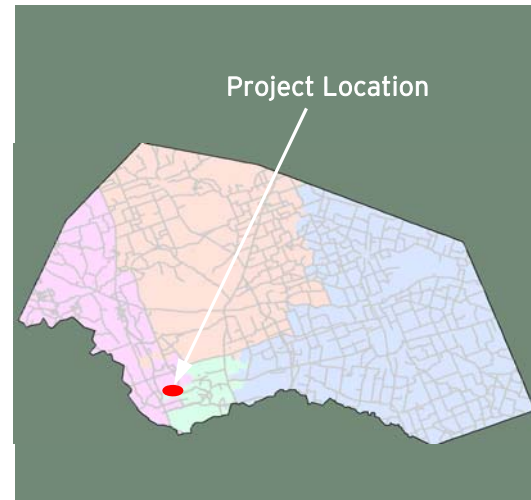
### Under Construction/Bidding

- 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: \$3.6 Million



**APRIL 2017 IN REVIEW**

**4/7/2017:** DeNucci continued installing concrete pipe culverts, grading channels and ditches, and lowering water services in the Braeburn Zone. Concrete crews formed and poured aprons around various area inlets. Demolition of existing driveways and the forming and pouring of new concrete driveways continued on Braeburn Glen and Moorberry Streets. Subcontractor Fuquay installed tree protection in the Stillforest Zone.

**4/14/2017:** Concrete pipe culverts installation was completed as well as lowering of water services in the Braeburn Zone. An existing City of Austin (COA) 8" water line was also relocated in order to complete the installation of a storm sewer in ditch BB 108 in the Braeburn Glen zone.

**4/21/2017:** Water line relocation work began in the Stillforest Zone. Fine grading and placing topsoil began throughout the Braeburn Glen Zone.

**4/28/2017:** Water line relocation work was completed and started installation of the 36" storm pipe installation in the Fisher/Tyrone easement in the Stillforest zone. Fine grading and placing topsoil was completed throughout the Braeburn Glen 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

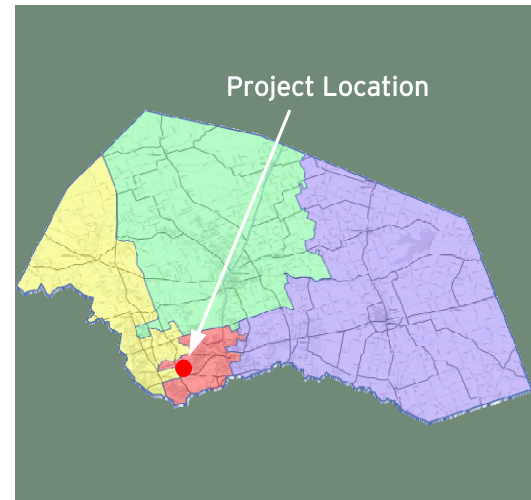
<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
6/9/2016	7/1/2016	8/1/2016	8/11/2016			600	0	600

<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>% (\$ Used)</u>	<u>% Time Used</u>
1	8/11/2016	8/31/2016	21	\$152,734.50	\$152,734.50	\$16,970.50	\$16,970.50	5	4
2	9/1/2016	9/30/2016	30	\$208,685.70	\$361,420.20	\$23,187.30	\$40,157.80	11	9
3	10/1/2016	10/31/2016	31	\$266,921.68	\$628,341.88	\$29,657.96	\$69,815.76	19	14
4	11/1/2016	12/2/2016	32	\$182,471.22	\$810,813.10	\$20,274.58	\$90,090.34	25	19
5	12/3/2016	12/31/2016	29	\$177,314.97	\$988,128.07	\$19,701.67	\$109,792.01	31	24
6	1/1/2017	1/31/2017	31	\$231,302.70	\$1,219,430.77	\$25,700.30	\$135,492.31	38	29
7	2/1/2017	2/28/2017	28	\$304,664.67	\$1,524,095.44	\$33,851.63	\$169,343.94	47	34
8	3/1/2017	3/31/2017	31	\$191,005.20	\$1,715,100.64	\$21,222.80	\$190,566.74	53	39
9	4/1/2017	4/30/2017	30	\$197,390.12	\$1,912,490.76	\$21,932.23	\$212,498.97	59	44

<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. 2E: Miscellaneous difference in site conditions. Add new pay items to reimburse the contractor for removal of trees larger than what was called out in the original contract.

Adjusted Price = \$3,588,465.50



**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: \$4.5 Million



**APRIL 2017 IN REVIEW**

**4/7/2017:** Jimmy Evans continued with sidewalk prep from the Round Rock Bus Garage (RRBG) to the north end of the project. Manhole adjustments continued between the RRBG and the north end of the project. Excavation continued for the water quality detention pond on the TxDOT ROW.

**4/14/2017:** Flexbase processing began at the south end of the project. Excavation continued for the water quality detention pond on the TxDOT ROW. Subcontractor Greater Austin Development continued to prep and pour the sidewalk from the Round Rock Bus Garage to the north end of the project.

**4/21/2017:** Excavation continued for the water quality detention pond on the TxDOT ROW. Subcontractor Greater Austin Development finished concrete placement for the sidewalk from the RRBG to the north end of the project.

**4/28/2017:** Flexbase was placed and processed for the northbound lanes at the south end of the project. The water quality detention pond excavation was completed and subcontractor Greater Austin began setting forms. Greater Austin placed concrete for curb at the Neenah intersection and along the southbound lanes from the RRBG south. The outside lanes of Neenah at Pearson Ranch were closed to facilitate the construction of the intersection.



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

Williamson County  
 Road Bond Program



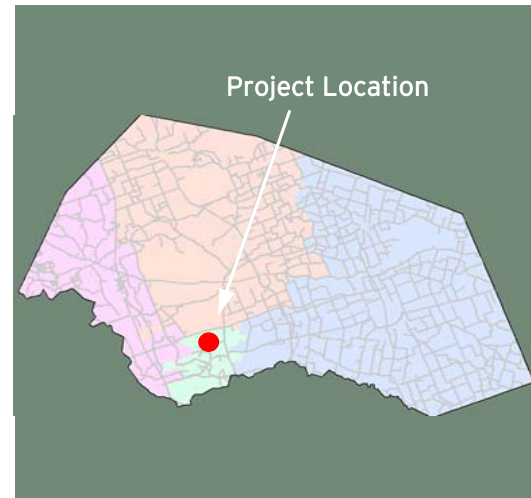
**Pearson Ranch Road (Iveans Way to RM 620)  
Project No. 1607-102**

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>% (\$ Used)</u>	<u>% Time 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	28	28
5	3/1/2017	3/31/2017	31	\$369,038.84	\$1,518,715.57	\$41,004.32	\$168,746.18	37	38
6	4/1/2017	4/30/2017	30	\$330,336.72	\$1,849,052.29	\$36,704.08	\$205,450.26	45	47

Adjusted Price = \$4,516,178.77





**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



**APRIL 2017 IN REVIEW**

**4/7/2017:** Cox Commercial Construction installed box culvert across RM 620. Crews excavated the tie-in on the north side of the roadway to confirm elevation and location of the existing box culvert and to identify location of City of Round Rock waterline and Atmos gas line. The utilities were not in conflict with the box culvert.

**4/14/2017:** The junction box was installed and the box culvert on north side of RM 620 was completed. Crews excavated and installed remaining curb inlet and storm sewer pipe on the west end of the project.

**4/21/2017:** Curb inlet and storm sewer pipe on the west end of the project were installed. Grading and compaction of subgrade were completed. Flexbase was placed on the eastern third of the project.

**4/28/2017:** Storm Trooper water treatment devices were installed along the curb line of the south ROW. Dirt crews placed additional lifts of flexbase on completed subgrade on the east end. Subcontractor Austin Traffic Signal installed temporary sign elements at Oakwood Drive.



Design Engineer: Half 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>% (\$) Used</u>	<u>% Time 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	\$392,444.00	\$1,131,807.50	19	18	
						Adjusted Price = \$6,082,225.70		

# 2006 ROAD BOND PROGRAM PROJECTS

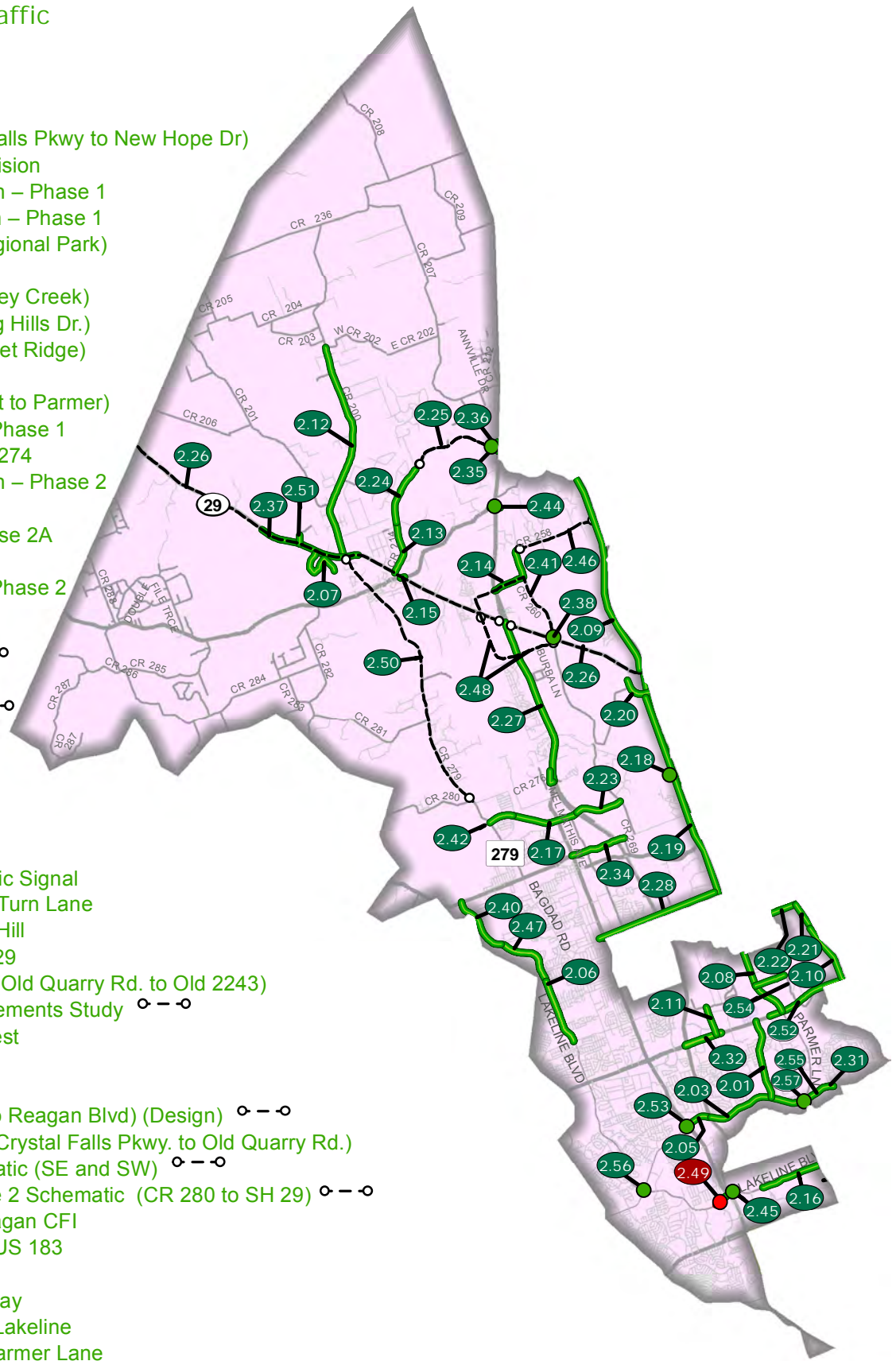
## PRECINCT 2 - COMMISSIONER LONG

### 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 Schematic
- 2.26 SH 29 Improvements Study & Schematic
- 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 CF1
- 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

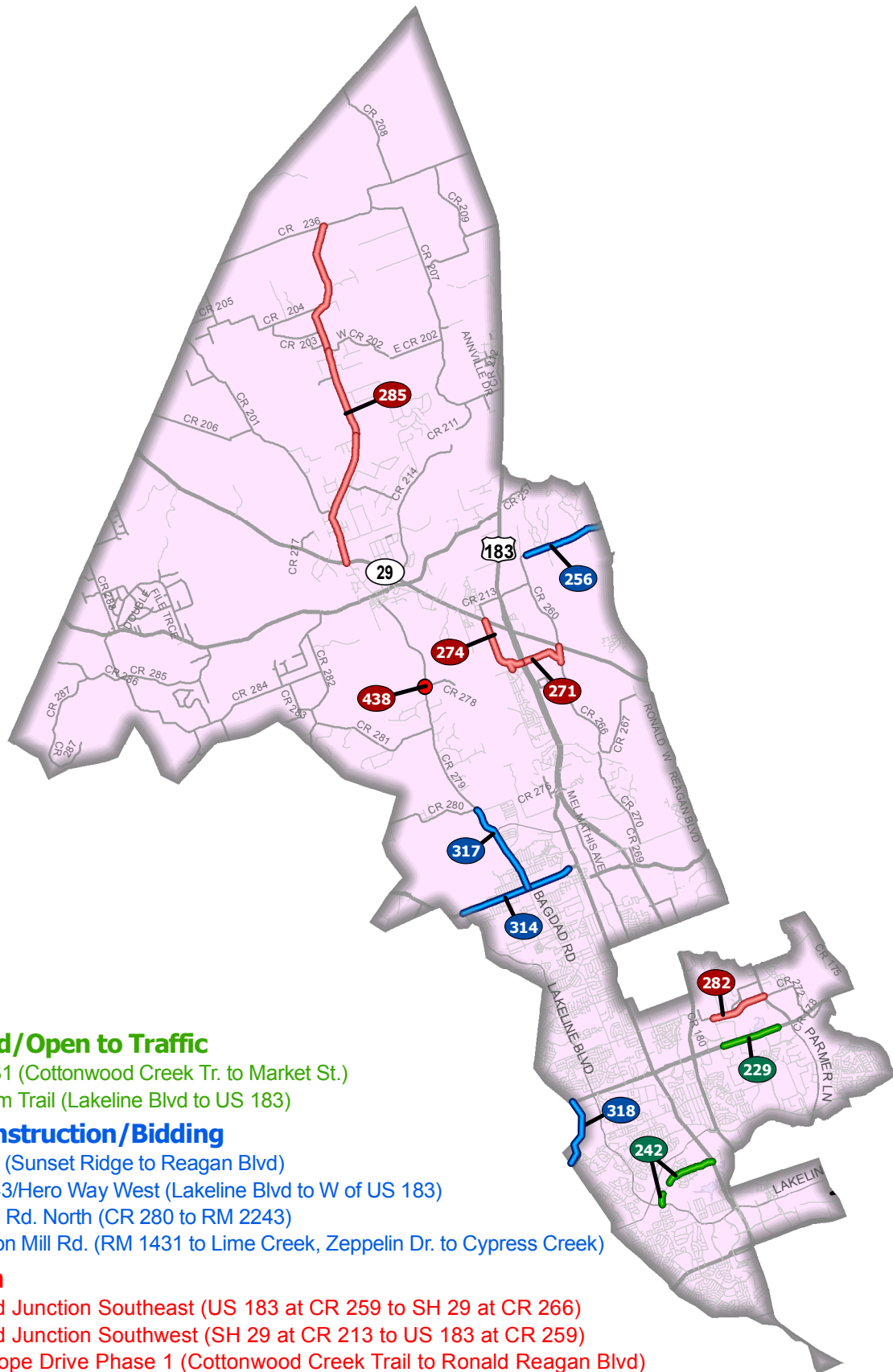
- 2.49 Lakeline Blvd. Right Turn Lanes





# 2013 ROAD BOND PROGRAM PROJECTS

## PRECINCT 2 - COMMISSIONER LONG



### Completed/Open to Traffic

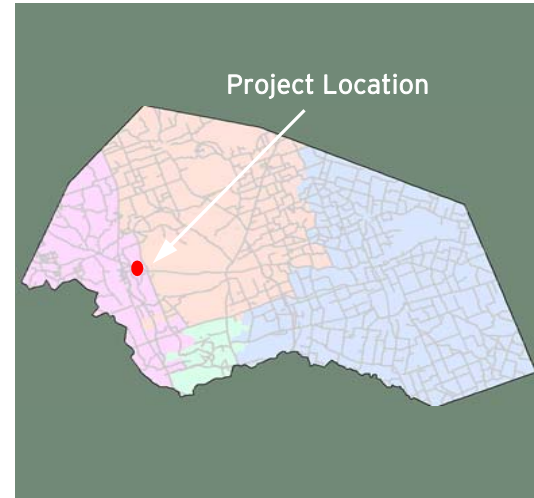
- 229 RM 1431 (Cottonwood Creek Tr. to Market St.)
- 242 Little Elm Trail (Lakeline Blvd to US 183)

### Under Construction/Bidding

- 256 CR 258 (Sunset Ridge to Reagan Blvd)
- 314 Old 2243/Hero Way West (Lakeline Blvd to W of US 183)
- 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)
- 282 New Hope Drive Phase 1 (Cottonwood Creek Trail to Ronald Reagan Blvd)
- 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 - July 2017  
 Estimated Construction Cost: \$6 Million



**APRIL 2017 IN REVIEW**

**4/7/2017:** Chasco is processing flexbase from east of Culvert 2 to the Ronald Reagan tie-in. Excavation and embankment to subgrade continues between Sunny Slope and San Gabriel Oaks. The remaining boxes were excavated and installed on the north half of Culvert 1.

**4/14/2017:** Flexbase was fine graded from east of Culvert 2 to the Ronald Reagan tie-in. Topsoil placement was completed. Excavation and embankment to subgrade continued between Sunny Slope and Rock House Dr.

**4/21/2017:** Excavation to subgrade continued between the west end of the project and Culvert 1. The downstream headwall footing was excavated at Culvert 1. Subcontractor Roadway Specialties installed the Flexamat in the ditch from Craigen to just east of Culvert 2 along the south side of the project.

**4/28/2017:** After subcontractor Wheeler placed 2" of asphalt on the eastbound roadway from San Gabriel Oaks to Ronald Reagan, Chasco switched traffic onto the new roadway. Flexbase was placed from Culvert 1 to San Gabriel Oaks. Concrete for the downstream headwall footing and the riprap apron were placed at Culvert 1. Chasco tied steel and forming for the headwall at Culvert 1 and the remaining 8'x4' boxes for Culvert 2 were installed.



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			360	0	360	
<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>% (\$ Used)</u>	<u>% Time 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	24
5	11/1/2016	11/30/2016	30	\$98,689.54	\$2,242,531.21	\$10,965.50	\$249,170.13	42	32
6	12/1/2016	12/31/2016	31	\$38,127.37	\$2,280,658.58	\$4,236.38	\$253,406.51	43	41
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	62	57
9	3/1/2017	3/31/2017	31	\$456,281.18	\$3,769,005.45	\$50,697.91	\$418,778.38	70	66
10	4/1/2017	4/30/2017	30	\$305,919.85	\$4,074,925.30	\$33,991.09	\$452,769.47	76	74

<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 HMAC PG 70-22 to one 2" lift of Type C HMAC PG 64-22 and one 1.5" lift of Type D HMAC 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 party 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

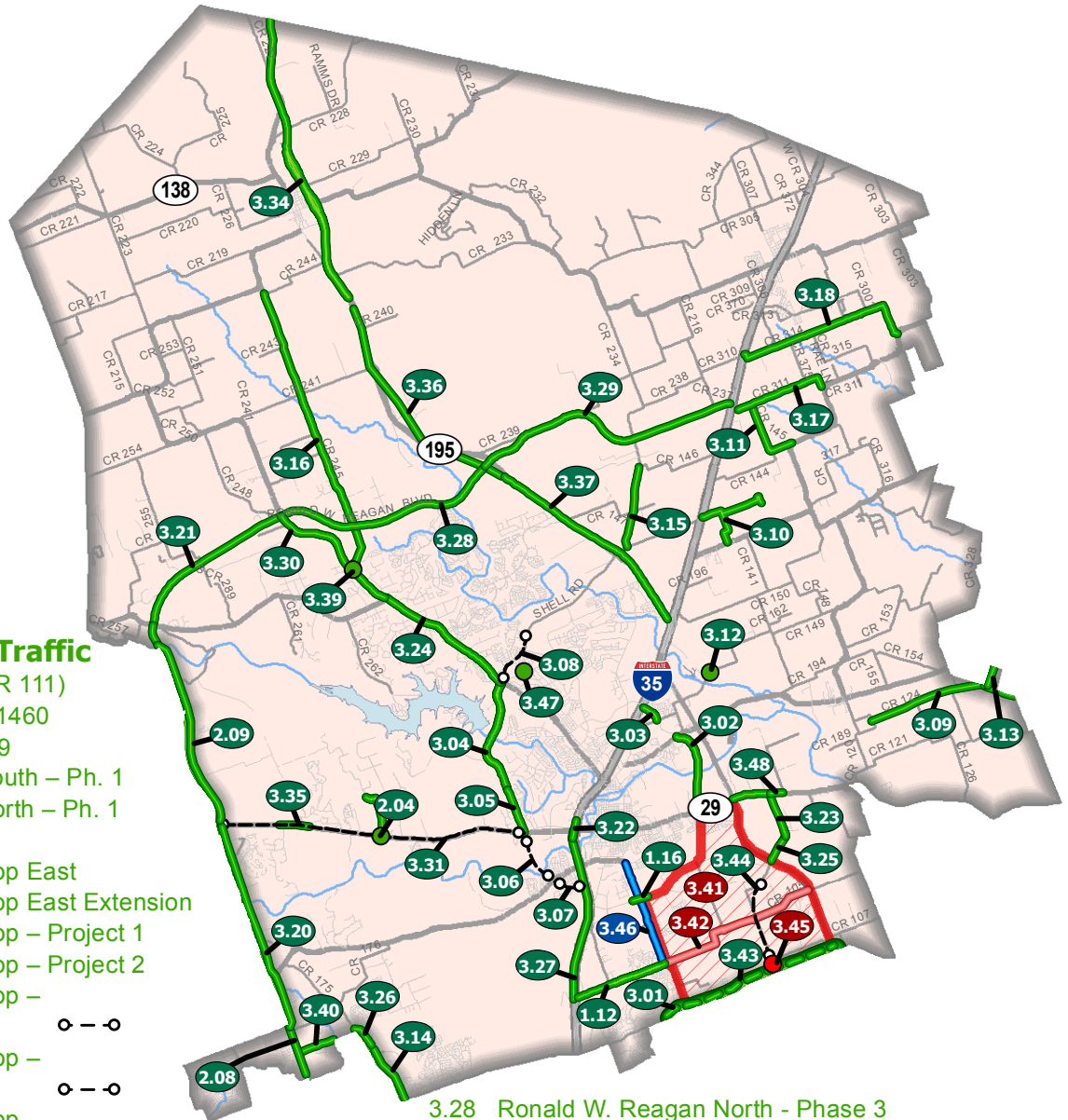
2J: Differing Site Conditions. (unforeseeable) Other. This change order revises various erosion control measures on the project, including the addition of soil retention blanket to the contract to prevent erosion and help to establish vegetation quicker on the slopes and in the ditches. 3H: County Convenience. 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.

Adjusted Price = \$5,957,236.27



# 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

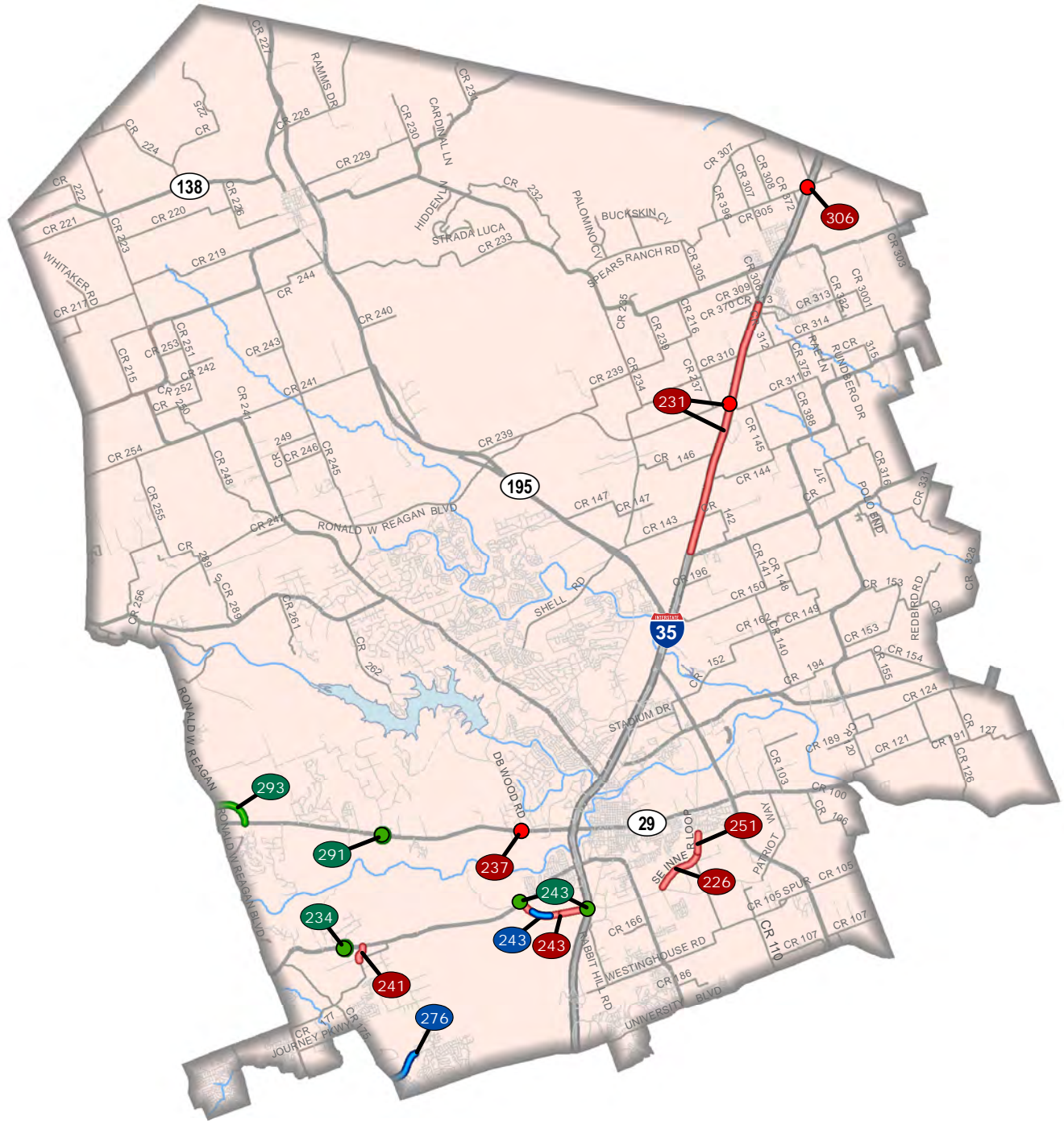
- 3.46 FM 1460 North

### 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)

# 2013 ROAD BOND PROGRAM PROJECTS

## PRECINCT 3 - COMMISSIONER COVEY



### Completed/ Open to Traffic

- 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)

### Under Construction/Bidding

- 243 Southwest Bypass Access Route
- 276 Arterial H Extension Phase 1  
(CR 175 to Massey Way)

### In Design

- 226 Inner Loop Safety Improvements (Rockride Lane to Wilco 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)
- 243 Southwest Bypass (RM 2243 to IH 35)
- 251 Inner Loop Safety Improvements (Belmont Drive to Rockride Lane)
- 306 CR 305 At IH 35 - Design (Bridge Replacement)

**CR 245 Realignment  
Project No. 15IFB102**

Original Contract Price = \$589,829.11

<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>	
2/18/2015	3/11/2015	4/10/2015	4/20/2015	9/26/2015		150	10	160	
<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>% (\$ Used)</u>	<u>% Time Used</u>
1	4/20/2015	5/31/2015	42	\$37,176.75	\$37,176.75	\$4,130.75	\$4,130.75	7	26
2	6/1/2015	9/26/2015	118	\$418,332.94	\$455,509.69	\$46,481.44	\$50,612.19	87	100
3	10/7/2015	6/24/2016	0	\$62,633.56	\$518,143.25	\$6,959.28	\$57,571.47	99	100
4	6/25/2016	9/30/2016	0	\$65,544.50	\$583,687.75	-\$57,571.47	\$0.00	100	100

4/28/2017 Comments - The GEC has received the Maintenance Bond and is processing the final estimate.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	10/20/2015	29,428.53	29,428.53

4B: Third Party Accommodation. Third party requested work. This Change Order adds a new Contract item to compensate the Contractor for installing a Pressure Reducing Valve (PRV) on the proposed 6 inch waterline, as required by the City of Georgetown. 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable)(Item 9). The existing waterline was in a different location than shown on the plans, which allowed the Contractor to tie into the line at the new location, reducing the contract quantity of new waterline required to be installed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	2/28/2017	-35,569.89	-6,141.36

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order provides the final balancing for the overrun/underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans. The underruns documented by this Change Order result in a cost savings for the County. This Change Order adds Item 169-2001 (Soil Retention Blanket (Ty 1)(Cl A)) which replaced the 3" Erosion Control Compost due to the unavailability of the compost.

Adjusted Price = \$583,687.75

**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)				180	0	180

<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>% (\$) Used</u>	<u>% Time Used</u>
1	6/1/2016	6/30/2016	0	\$134,198.10	\$134,198.10	\$14,910.90	\$14,910.90	5	0
2	7/1/2016	7/31/2016	0	\$182,746.89	\$316,944.99	\$35,216.11	\$50,127.01	11	0
3	8/1/2016	8/31/2016	0	\$93,893.40	\$410,838.39	\$10,432.60	\$60,559.61	15	0
4	9/1/2016	9/30/2016	0	\$206,817.21	\$617,655.60	\$22,979.69	\$83,539.30	22	0

Adjusted Price = \$3,210,934.80

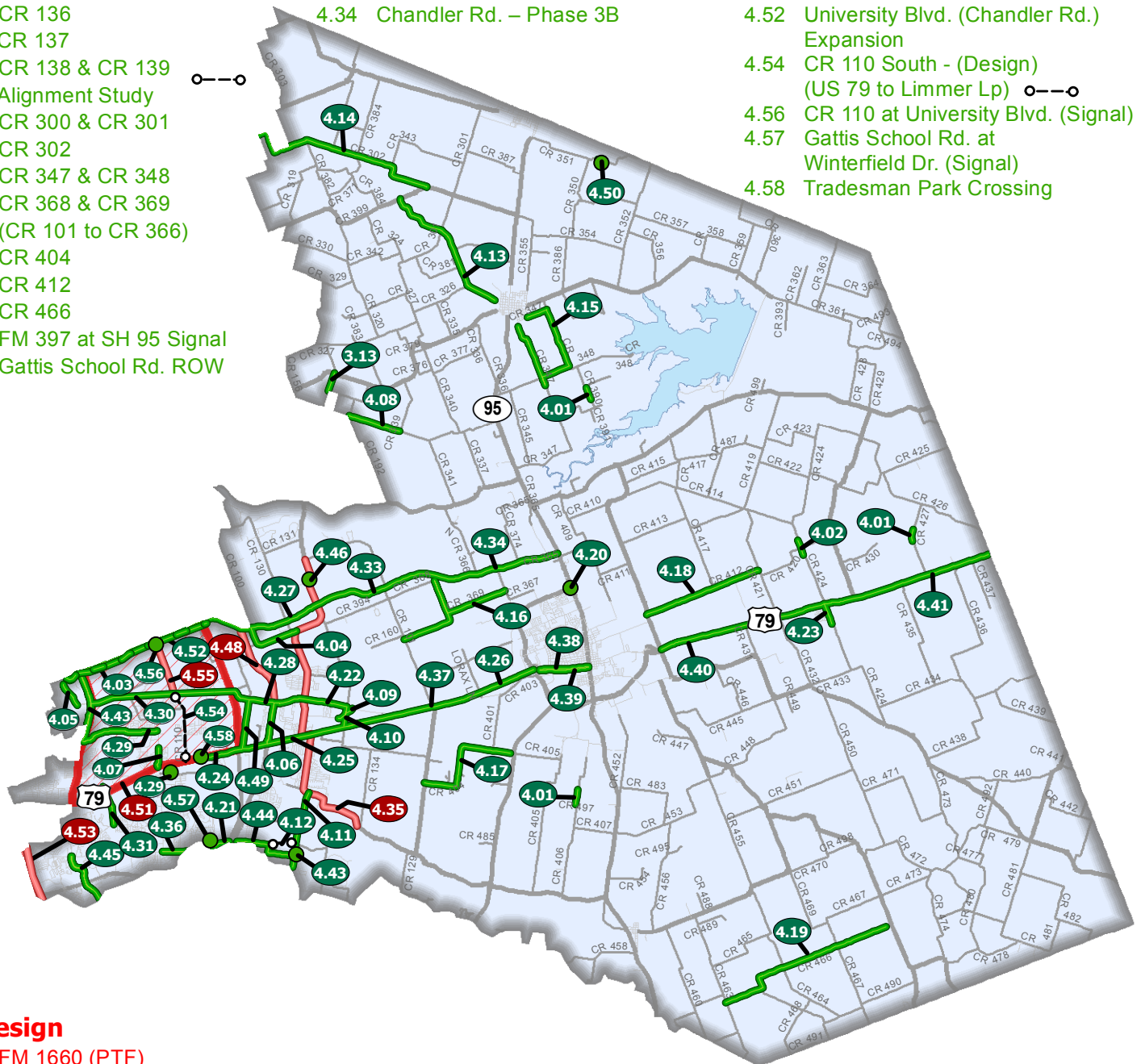


# 2006 ROAD BOND PROGRAM PROJECTS

## PRECINCT 4 - COMMISSIONER MADSEN

### Completed/Open to Traffic

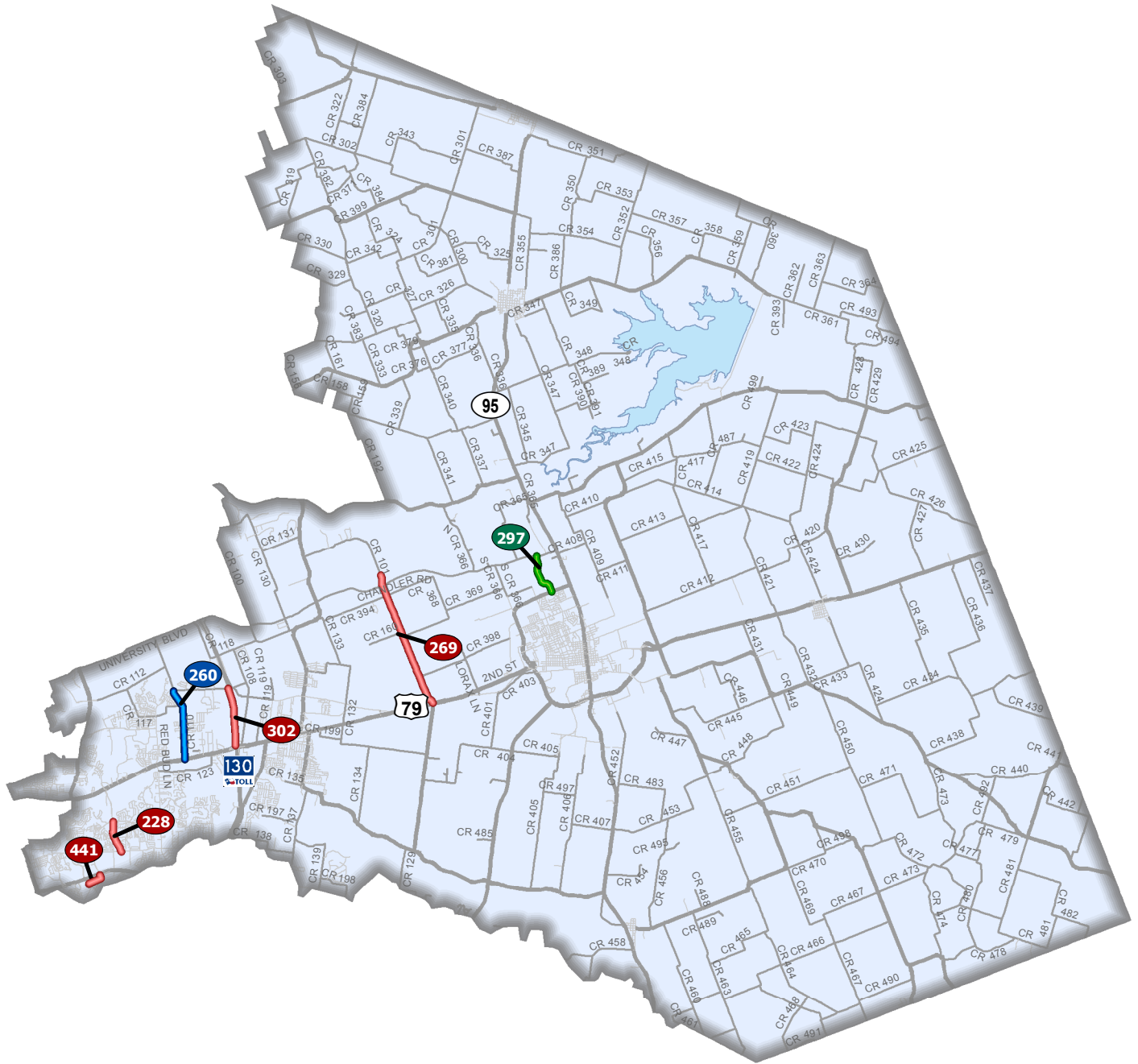
- |  |                                      |   |
|--|--------------------------------------|---|
| 3.13 CR 157  | 4.22 Limmer Loop – Phase 1A          | 4.36 Gattis School Road                               |
| 4.01 Bridge Replacements Phase 1<br>(CR 390, 406, 427) | 4.23 Thrall School Zone              | 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)

**Multi Site Traffic Signals (CR 110 at Univ, Gattis School Rd at Winterfield)  
Project No. 1512-036**

Original Contract Price = \$328,802.95

<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>	
2/3/2016	2/17/2016	3/11/2016	3/21/2016	6/24/2016		90	6	96	
<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>% (\$) Used</u>	<u>% Time Used</u>
1	3/21/2016	4/30/2016	41	\$23,553.00	\$23,553.00	\$2,617.00	\$2,617.00	8	43
2	5/1/2016	5/31/2016	31	\$35,329.50	\$58,882.50	\$3,925.50	\$6,542.50	20	75
3	6/1/2016	6/24/2016	24	\$195,889.50	\$254,772.00	\$21,765.50	\$28,308.00	88	100
4	6/25/2016	9/30/2016	0	\$32,280.08	\$287,052.08	\$3,586.68	\$31,894.68	99	100

4/28/2017 Comments - The Contractor is working on Closeout Documents and has submitted the as-builts.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	11/29/2016	-7,856.20	-7,856.20

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order provides the final balancing for the overrun/underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans. 2J: Differing Site Conditions (unforeseeable). Other. This change order also adds time to the contract to cover the time it took the electrical service application and installation to be completed at the Gattis School site for Williamson County.

Adjusted Price = \$320,946.75

**Bill Pickett Trail (East Williamson County Access Road)  
Project No. 1601-045**

Original Contract Price = \$3,806,133.30

<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>	
3/16/2016	4/5/2016	5/2/2016	5/12/2016	11/11/2016		100	30	130	
<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>% (\$ Used)</u>	<u>% Time Used</u>
1	5/12/2016	5/31/2016	20	\$643,105.80	\$643,105.80	\$71,456.20	\$71,456.20	19	15
2	6/1/2016	6/30/2016	30	\$268,272.41	\$911,378.21	\$29,808.05	\$101,264.25	28	38
3	7/1/2016	7/31/2016	31	\$378,344.61	\$1,289,722.82	\$42,038.29	\$143,302.54	39	62
4	8/1/2016	8/31/2016	31	\$476,356.92	\$1,766,079.74	\$52,928.54	\$196,231.08	53	86
5	9/1/2016	9/30/2016	30	\$463,467.16	\$2,229,546.90	\$51,496.35	\$247,727.43	67	109
6	10/1/2016	10/31/2016	31	\$776,046.85	\$3,005,593.75	\$86,227.43	\$333,954.86	91	133
7	11/1/2016	11/30/2016	30	\$150,073.08	\$3,155,666.83	\$16,674.79	\$350,629.65	95	156
8	12/1/2016	12/31/2016	0	\$11,444.91	\$3,167,111.74	\$1,271.65	\$351,901.30	96	156

4/28/2017 Comments - The Contractor is working on the punchlist items, including vegetation watering and re-seeding various locations.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	6/7/2016	-85.80	-85.80

3K: This Change Order adds Select Fill material to be used in lieu of Lime Treated Subgrade. This change requires adjustments to the earthwork quantities and deletes the lime related items from the Contract.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	8/9/2016	3,305.00	3,219.20

3H: County Convenience. Cost savings opportunity discovered during construction. This Change Order adds a new contract item to change the Type C SAC A PG 76-22 surface asphalt to Type D SAC B PG 70-22 surface asphalt which provides a cost savings to the County. 1A: Design Error or Omission. Incorrect PS&E. This Change Order adds asphalt quantity for the school driveway to account for a 4" thickness rather than 2" inadvertently included in the plans. 6B: Untimely ROW/Utilities. Right of Way not clear (County responsible for ROW). Thirty days are being added for delays associated in acquiring Right of Way.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	9/6/2016	-102,204.38	-98,985.18

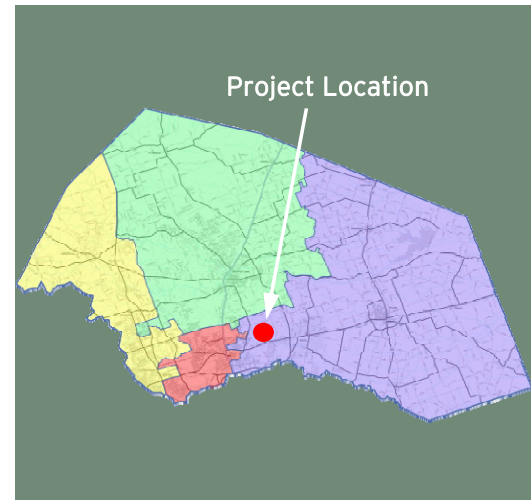
3H: County Convenience. Cost savings opportunity discovered during construction. This Change Order removes the Erosion Control Compost (3") called for in the plans and replaces it with new contract items for Fertilizer and Soil Retention Blanket. Vegetation can be established and erosion can be minimized by using fertilizer and soil retention blanket in lieu of the Erosion Control Compost at a substantial cost savings for the County.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
04	9/20/2016	-24,873.50	-123,858.68

3H: County Convenience. Cost savings opportunity discovered during construction. This Change Order replaces the Tier II Asphalt and Type D Grade 5 Sac B Aggregate in the contract with a Hot-Applied Non-Tracking Underseal (TFT-H). This is a substitution for a traditional underseal and eliminates the need for aggregate in the application process.

Adjusted Price = \$3,682,274.62





**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



**APRIL 2017 IN REVIEW**

**4/7/2017:** Chasco Constructors continued the 16" water line installation at Mozart Lane and Limmer Loop. The 8" water line installation continued across CR 110 at Porano. H-D Drilling continued boring the encased water line under CR 110 north of Porano. Oncor's subcontractor Willbros continued placing poles and installing electrical lines. Two poles remain to be installed.

**4/14/2017:** The 16" water line installation on Limmer Loop was completed. Services were installed at Porano and at Limmer Loop. Subcontractor Bryant/Frey bored across CR 110 at CR 122. Oncor's subcontractor Willbros continued installing electrical lines. All Poles have been placed.

**4/21/2017:** The installation of the 8" water lines across Limmer Loop was completed. Subcontractor H-D Drilling finished boring the encased water line under CR 110 north of US 79. Oncor's subcontractor Willbros continued installing electrical lines.

**4/28/2017:** A 16" water line was installed north of Limmer Loop. Subcontractor Bryant/Frey excavated and began boring under McNutt Creek. Oncor's subcontractor Willbros completed installing electrical lines. Subcontractor Texas State Communications completed communication lines.



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>% (\$ Used)</u>	<u>% Time Used</u>
1	1/13/2017	3/31/2017	78	\$1,679,979.60	\$1,679,979.60	\$186,664.40	\$186,664.40	17	15

Adjusted Price = \$11,224,589.02