



ROAD BOND & PASS THROUGH FINANCING

Construction Summary Report

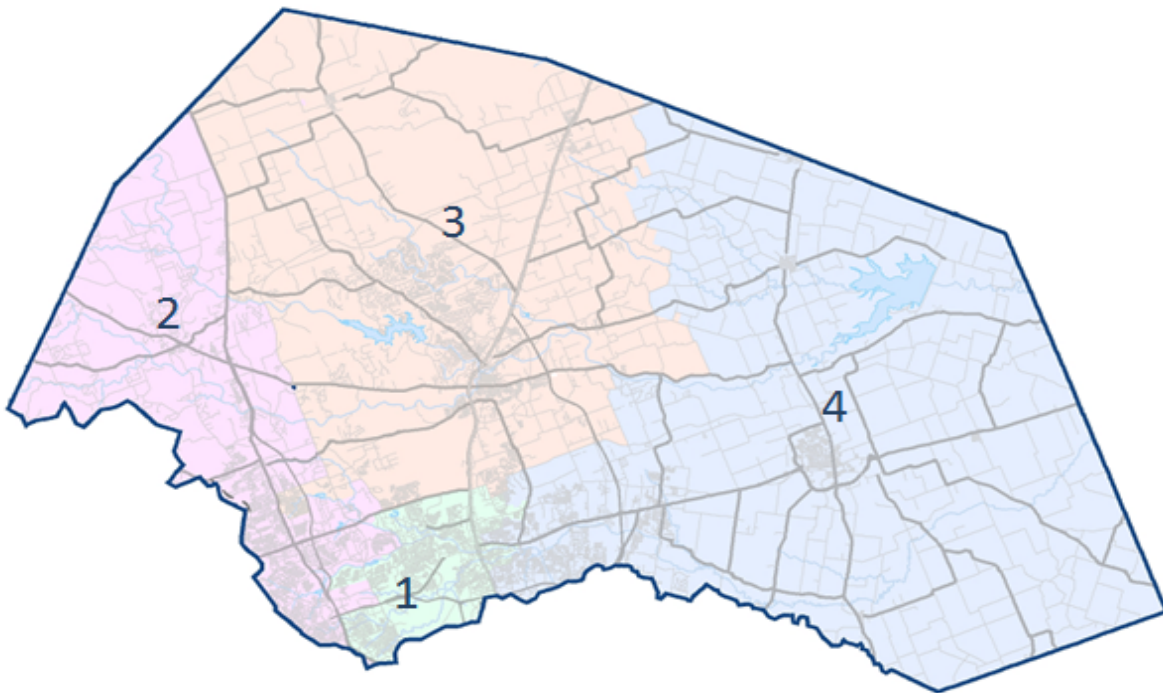
County Judge
Dan Gattis

Commissioners
Terry Cook
Cynthia Long
Valerie Covey
Larry Madsen

April 2017

WWW.ROADBOND.ORG

Volume XVI - Issue No.04



Presented By:



PRIME
STRATEGIES,
INC.

HNTB

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WILLIAMSON COUNTY

ROAD BOND PROGRAM

COMPLETED PROJECTS

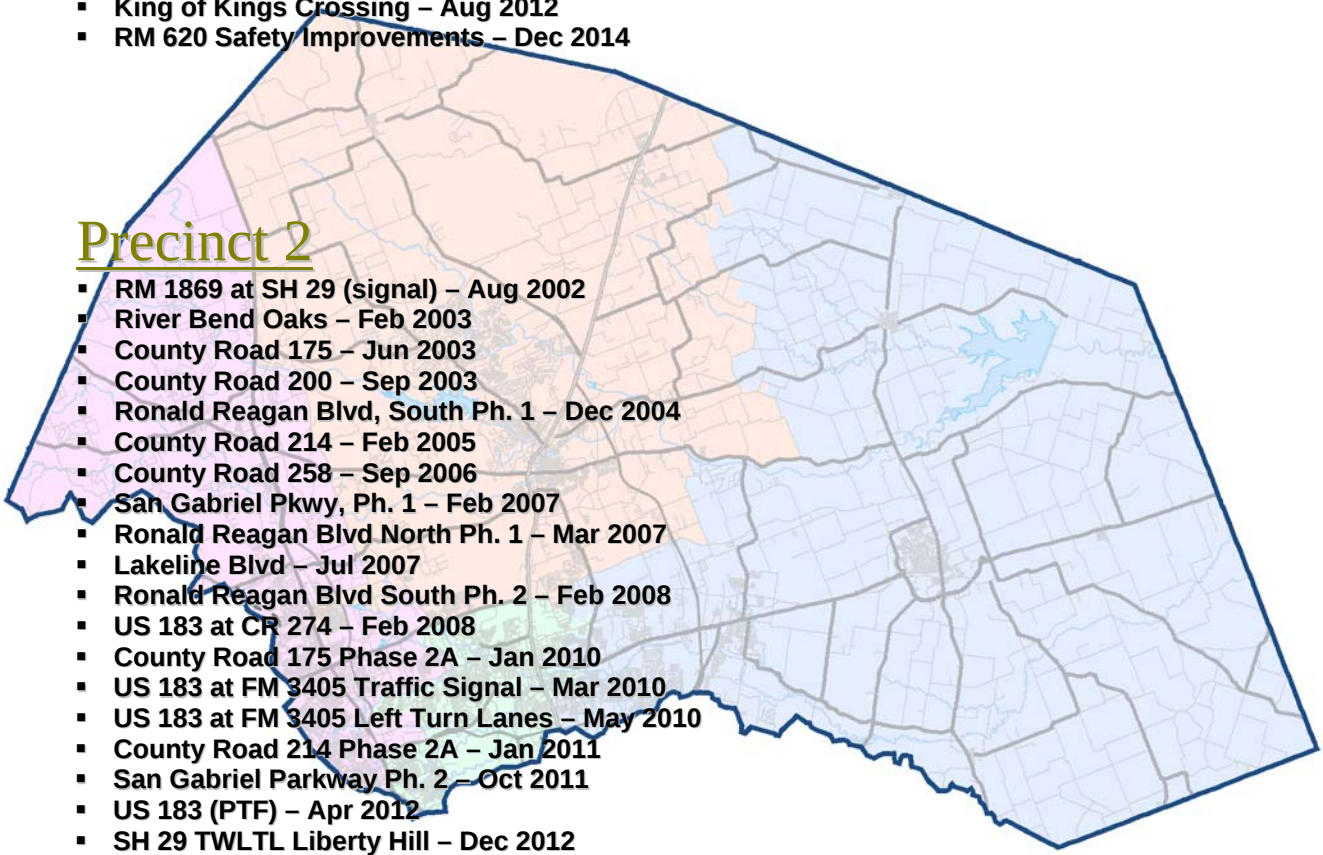
CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MARCH 2017

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

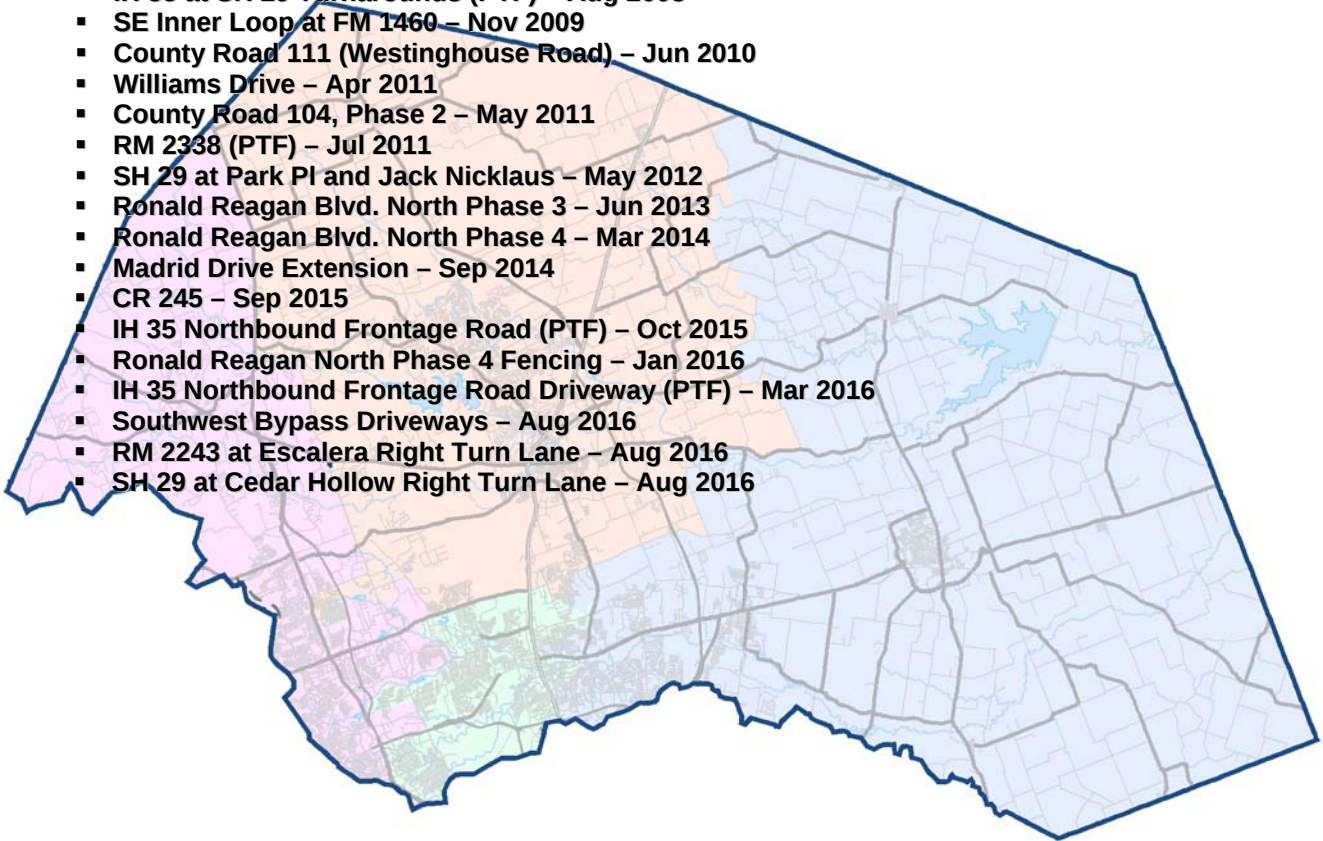
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MARCH 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

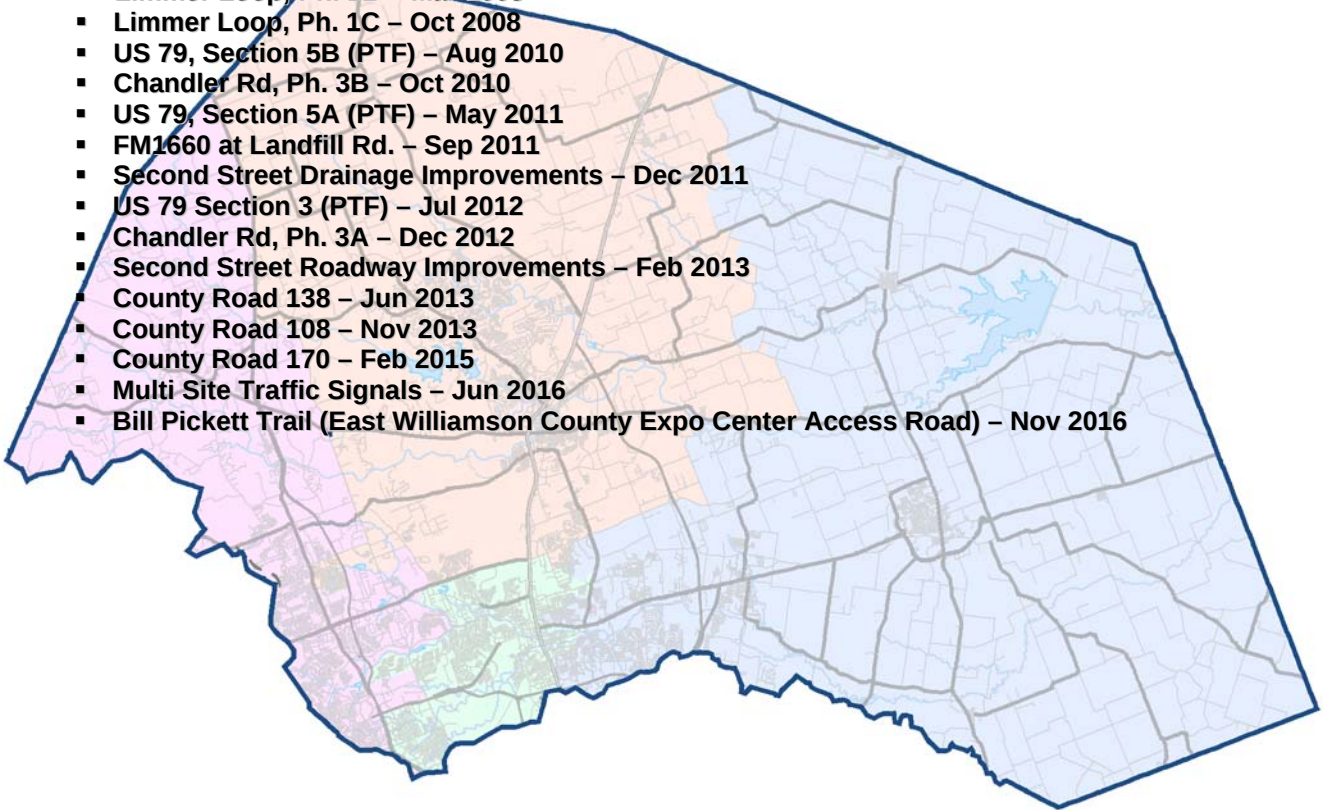
ROAD BOND PROGRAM

COMPLETED PROJECTS

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

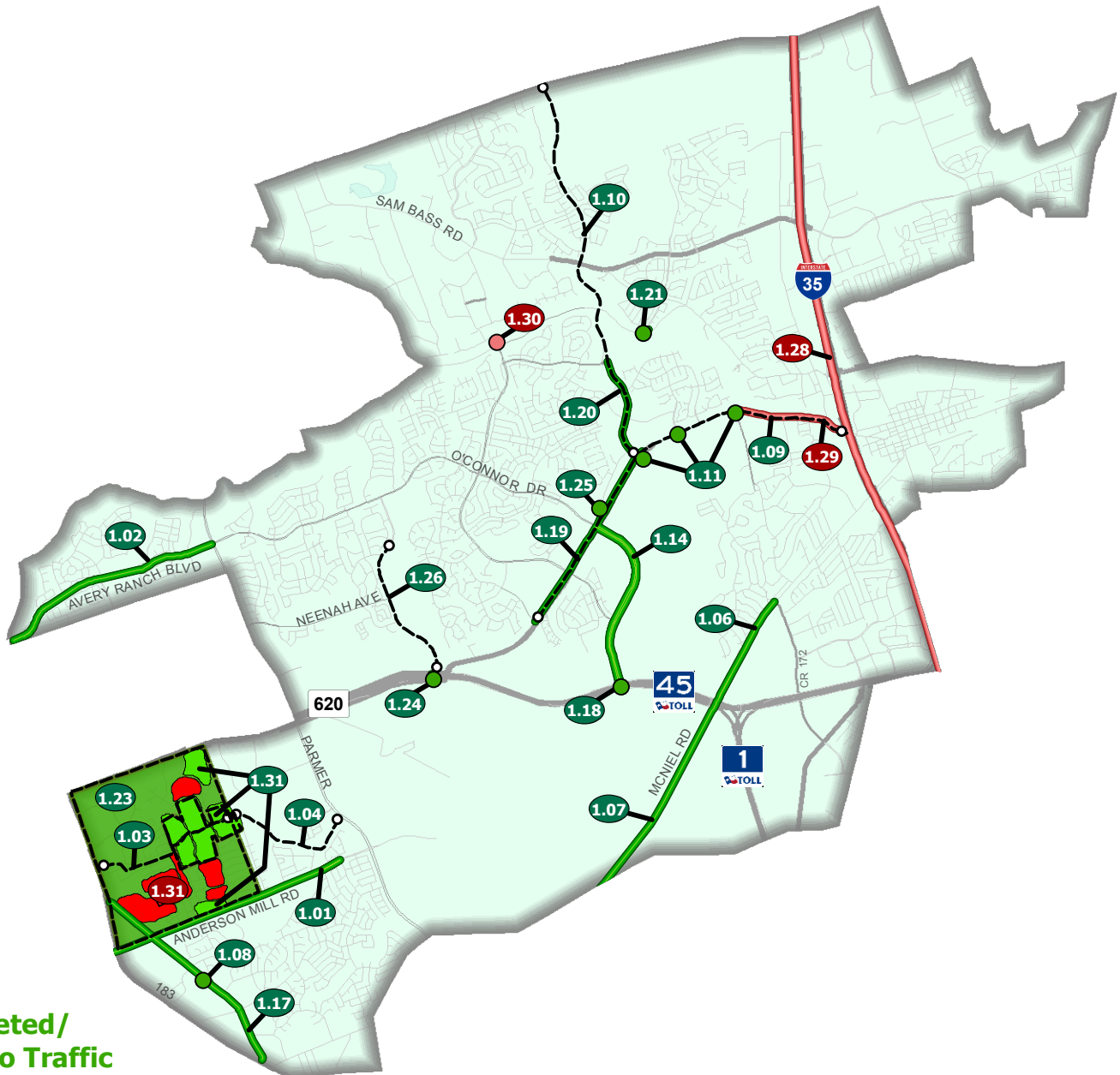
Precinct 4

- 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

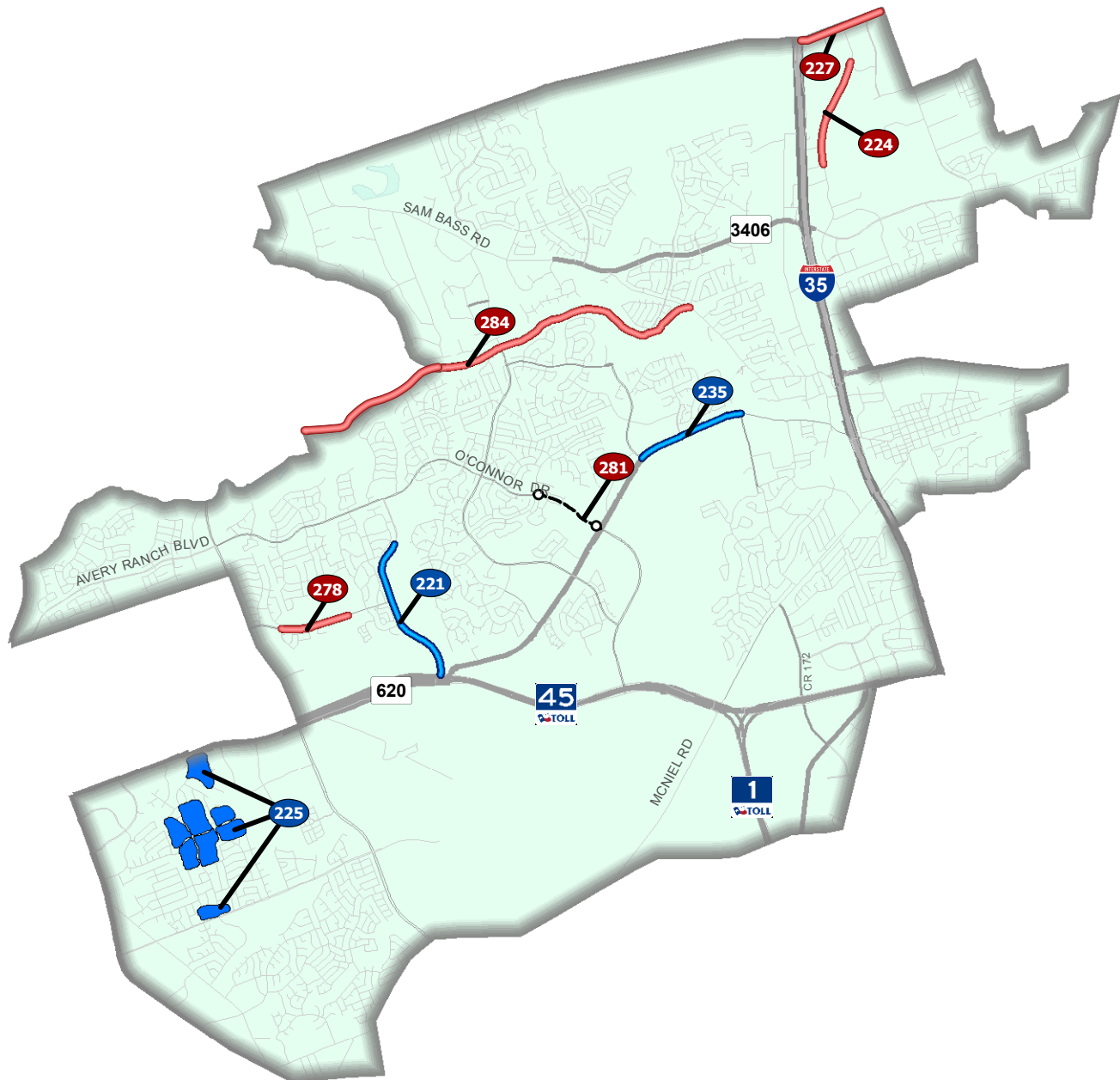
- 1.01 Anderson Mill Rd.
- 1.02 Avery Ranch Blvd. (183 to Parmer Lane)
- 1.03 Lake Creek Drainage – Phase 1 ○—○
- 1.04 Lake Creek Drainage – Phase 2 ○—○
- 1.06 McNeil Road - Phase 1
- 1.07 McNeil Road - Phase 2
- 1.08 Pond Springs at Turtle Rock Signal
- 1.09 RM 620 Feasibility Study ○—○
- 1.10 Wyoming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

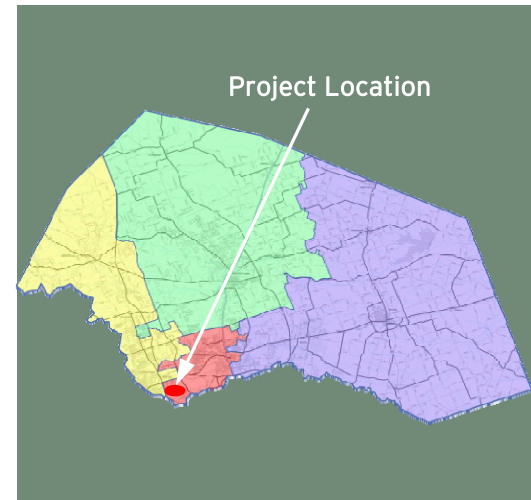


Under Construction/Bidding

- 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



MARCH 2017 IN REVIEW

3/03/2017: DeNucci continued installing the 30" RCP and storm boxes. The new 8" and 12" water lines were tied in at the Broadmeade/Braeburn Glen intersection. Subcontractor Sisk/Robb removed 8" and 12" asbestos concrete (AC) pipe at the Broadmeade/Braeburn Glen intersection.

3/10/2017: Concrete pipe and culvert installations continued in the Braeburn Zone. Subcontractor Sisk/Robb removed 6" and 8" AC pipe at the Woodthorpe/Moorberry and Braeburn Glen/Moorberry intersections.

3/17/2017: Concrete pipe and culvert installations continued. The 30" RCP installation at Moorberry/Braeburn intersection was completed and the 30" RCP installation at Woodthorpe/Moorberry intersection began.

3/24/2017: Concrete crews began forming and pouring aprons around various area inlets on Braeburn Glen and Moorberry Streets.

3/31/2017: Concrete pipe and culvert installations in the Braeburn Zone continued. Concrete crews continued forming and pouring aprons around various area inlets. Forming and pouring concrete driveways began on Braeburn Glen and Moorberry Streets.



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

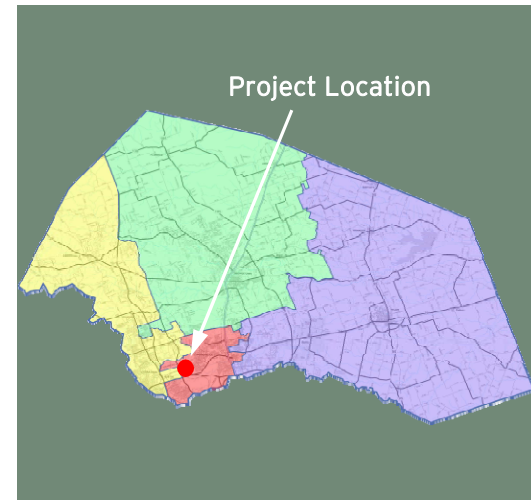
<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
6/9/2016	7/1/2016	8/1/2016	8/11/2016			600	0	600

<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>% (\$)</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

<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.

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



MARCH 2017 IN REVIEW

3/03/2017: Jimmy Evans remixed lime treated subgrade at the Iveans Way tie-in. Flexbase was placed south of the Neenah intersection north to Elsa England Elementary School (EEES). Flex base was placed north of the Round Rock ISD (RRISD) Bus Garage. The excavation for the water quality detention pond in TxDOT ROW continued.

3/10/2017: Flexbase was placed south of the Neenah intersection north to EEES. Lime was placed on the south end of the project.

3/17/2017: Lime was remixed for both lanes on the south end of the project. Asphalt was placed at the RRISD Bus Garage and Iveans Way intersection. Subcontractor Greater Austin prepped and poured the curb.

3/24/2017: Flexbase was placed on the south end of the project. Excavation continued for the water quality detention pond in the TxDOT ROW.

3/31/2017: Manhole adjustments began between the RRISD Bus Garage and the north end of the project. Excavation continued for the water quality detention pond on the TxDOT ROW. Subcontractor Greater Austin continued to prep and pour the curb from the Round Rock Bus Garage to the north.



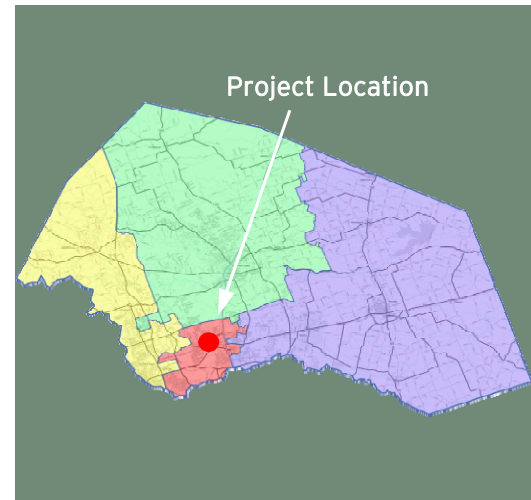
Design Engineer: Cunningham-Allen
Contractor: Jimmy Evans
Construction Observation:
Seth Turvey, HNTB

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	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
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



MARCH 2017 IN REVIEW

3/03/2017: Cox Commercial Construction continued to install storm sewer pipe and box culvert on the south ROW from Oaklands Drive east to Deep Wood. Embankment was placed from Oakwood Drive to the hospital driveway on the south ROW.

3/10/2017: Storm sewer pipe and curb inlets installations continued on the south right of way. The placement of embankment continued on the south ROW. Subcontractor Austin Traffic Signals installed poles for temporary signals at Oaklands Drive on the south ROW.

3/17/2017: Storm sewer pipe and curb inlets installations continued. Storm Trooper devices were installed. Embankment was placed on the west end of the project on the south ROW.

3/24/2017: Storm sewer pipe and curb inlets installations continued. Embankment continued to be placed on the west end of the project.

3/31/2017: Storm sewer pipe and curb inlets installations continued on the south ROW. Crews excavated the tie-in on the north side of the roadway to confirm elevation and location of the existing box culvert.



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>% (\$) 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

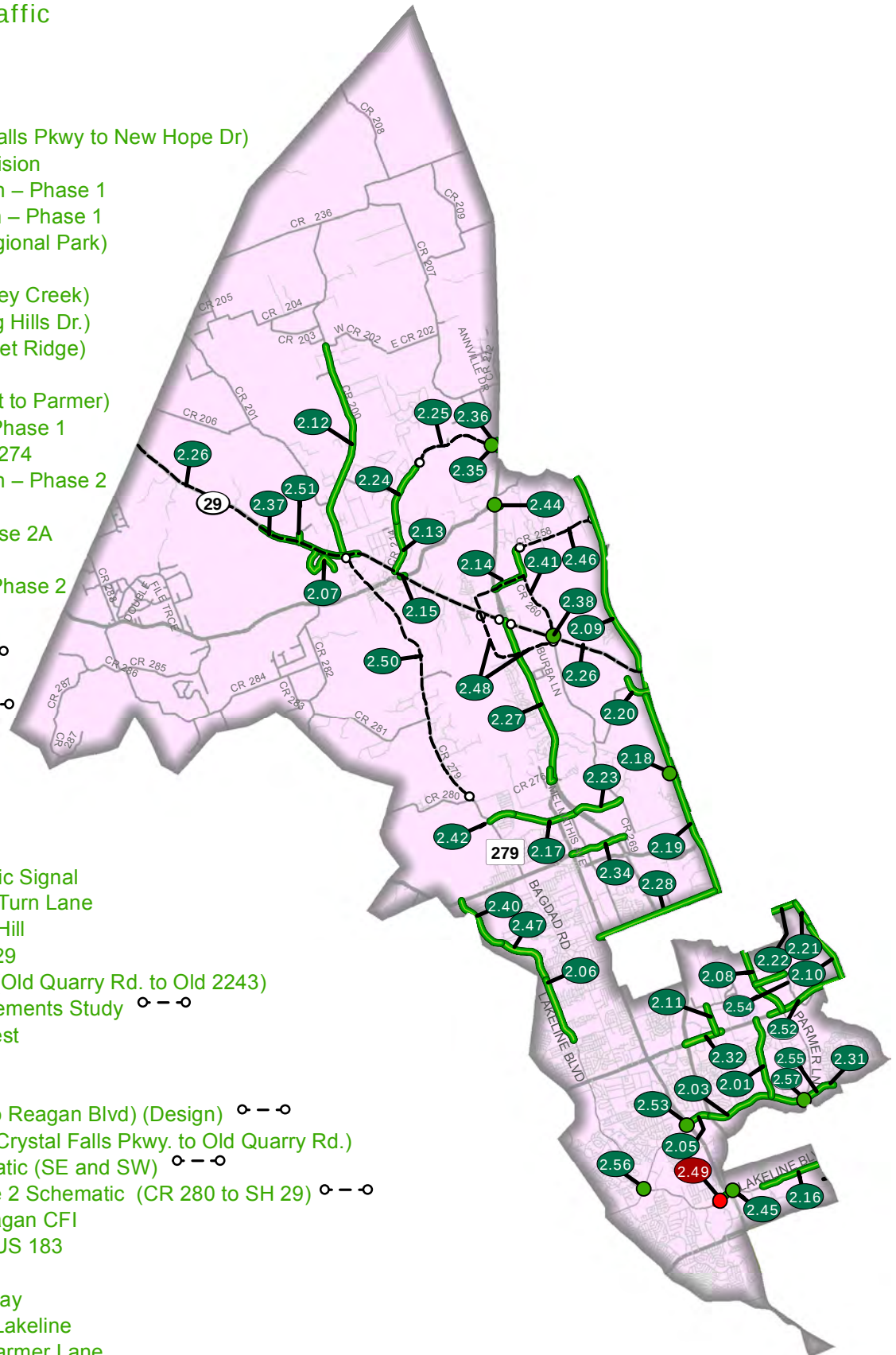
PRECINCT 2 - COMMISSIONER LONG

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 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

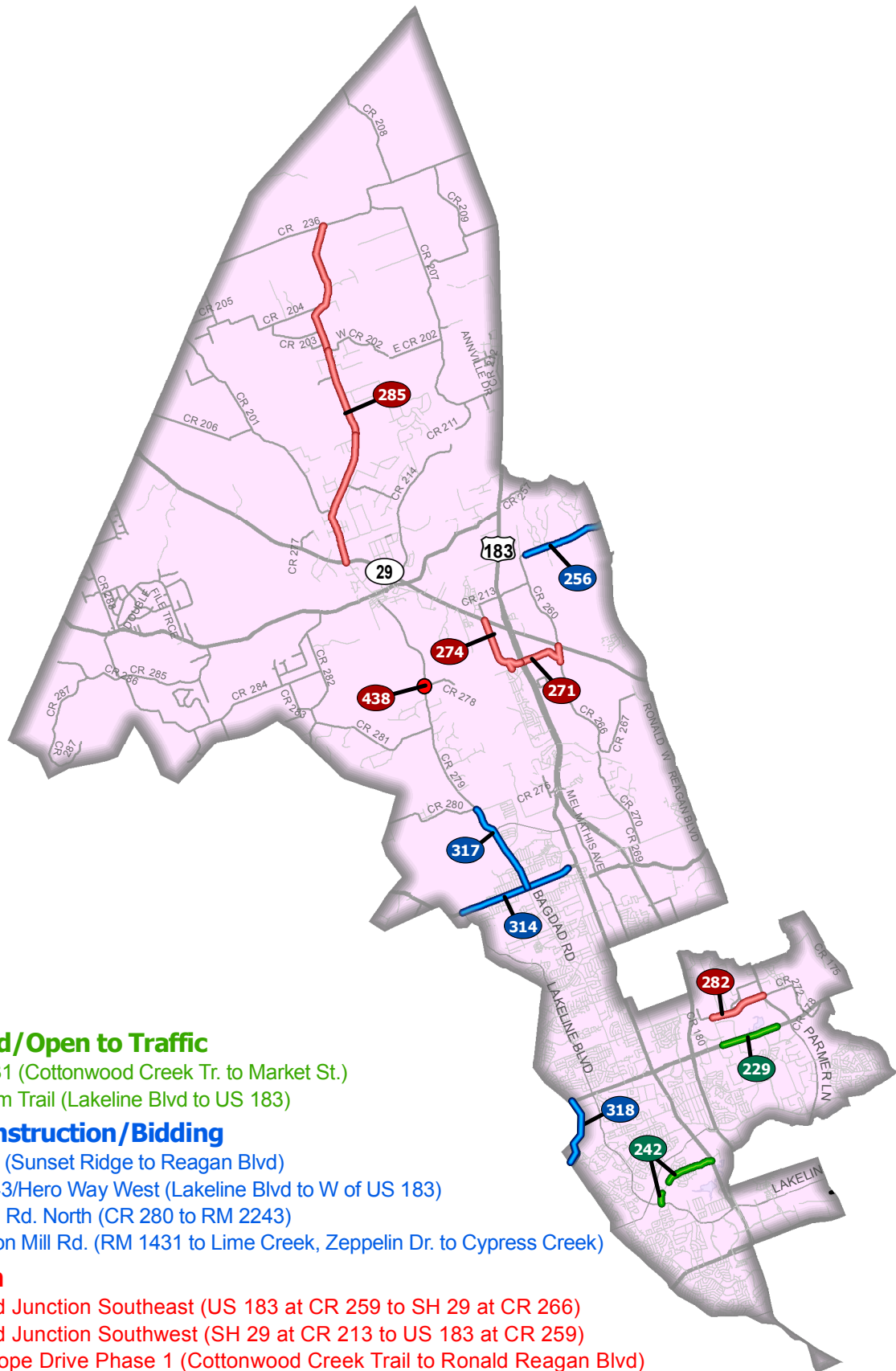
In Design

- 2.49 Lakeline Blvd. Right Turn Lanes



2013 ROAD BOND PROGRAM PROJECTS

PRECINCT 2 - COMMISSIONER LONG



Completed/Open to Traffic

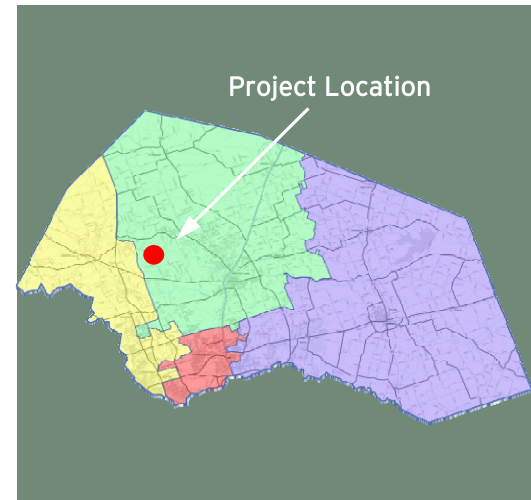
- 229 RM 1431 (Cottonwood Creek Tr. to Market St.)
- 242 Little Elm Trail (Lakeline Blvd to US 183)

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: \$5.8 Million



MARCH 2017 IN REVIEW

3/03/2017: Chasco processed flexbase from the west end of the project to Craigen Ln. Concrete was placed for the riprap and the dissipaters in the downstream channel at Culvert 2. Utility relocations are ongoing (AT&T).

3/10/2017: Subcontractor RSI installed the metal beam guard (MBGF) fence at Culvert 1 and 2. Concrete mow strip and safety end treatments were placed at several driveway locations.

3/17/2017: Riprap was placed under the MBGF at Culvert 1 and 2. Flexbase continued to be processed and compacted from the east end to west of Crable. M-T Line (AT&T) removed 3 remaining utility poles in conflict.

3/24/2017: The French Drain was completed along the south side of the project. The curb at the MBGF for Culverts 1 and 2 was placed. Subcontractor Wheeler placed the prime coat and 2" of Ty C asphalt from the west end of the project to west of Craigen.

3/31/2017: Flexbase placement began east of Culvert 2. Subcontractors DIJ and Flasher striped prior to the traffic switch at the west end of the project. Excavation began on the old roadway west of Rock House.



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>% (\$)</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	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

<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.

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

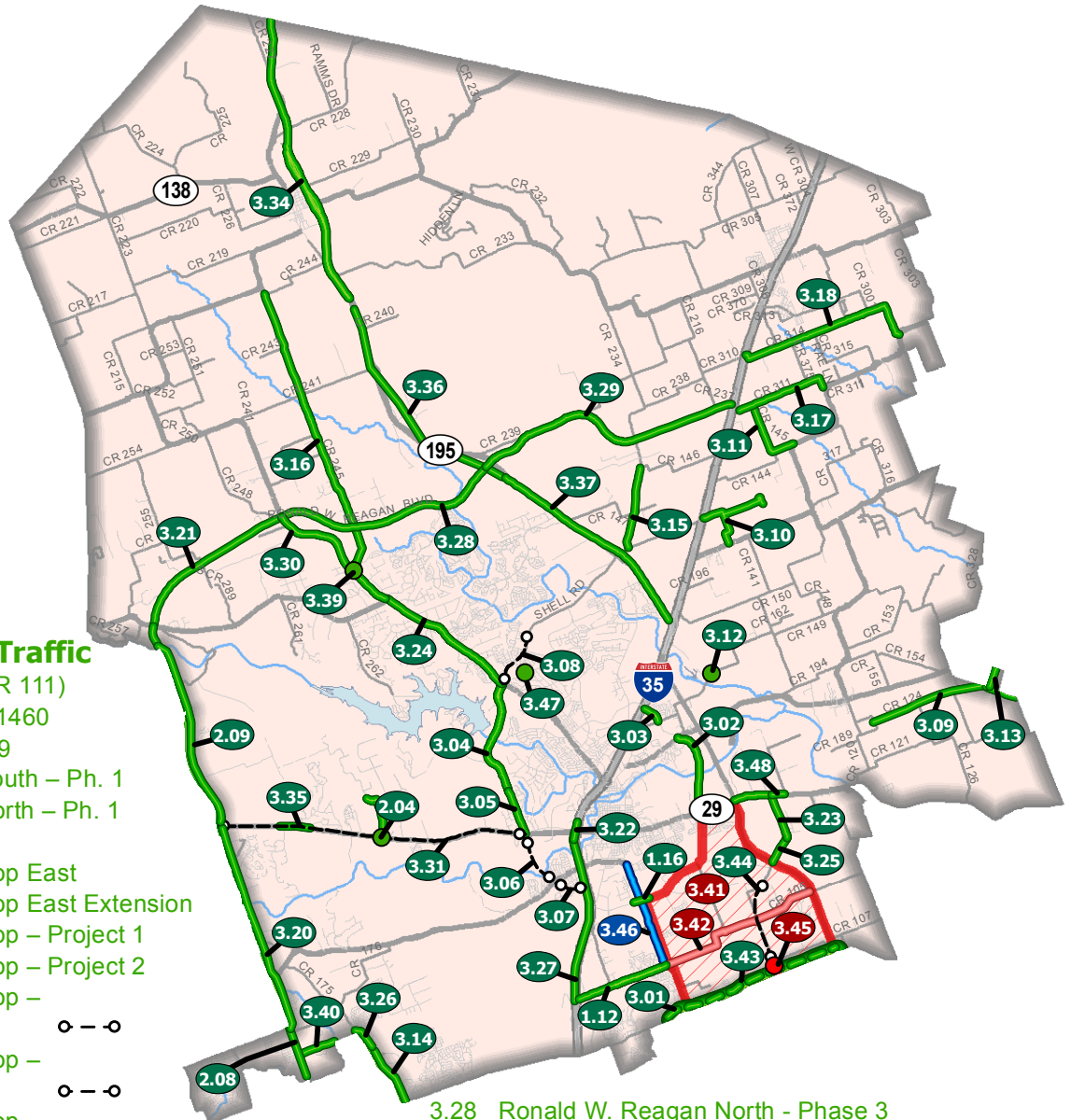
- 3.28 Ronald W. Reagan North - Phase 3
- 3.29 Ronald W. Reagan North - Phase 4
- 3.30 RM 2338 (PTF)
- 3.31 SH 29 Improvements Study & Schematic ○ – ○
- 3.34 SH 195 Project 1
- 3.35 SH 29 at Park Place Dr. & Jack Nicklaus Blvd.
- 3.36 SH 195 Project 2
- 3.37 SH 195 Project 3
- 3.39 CR 245 Realignment
- 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

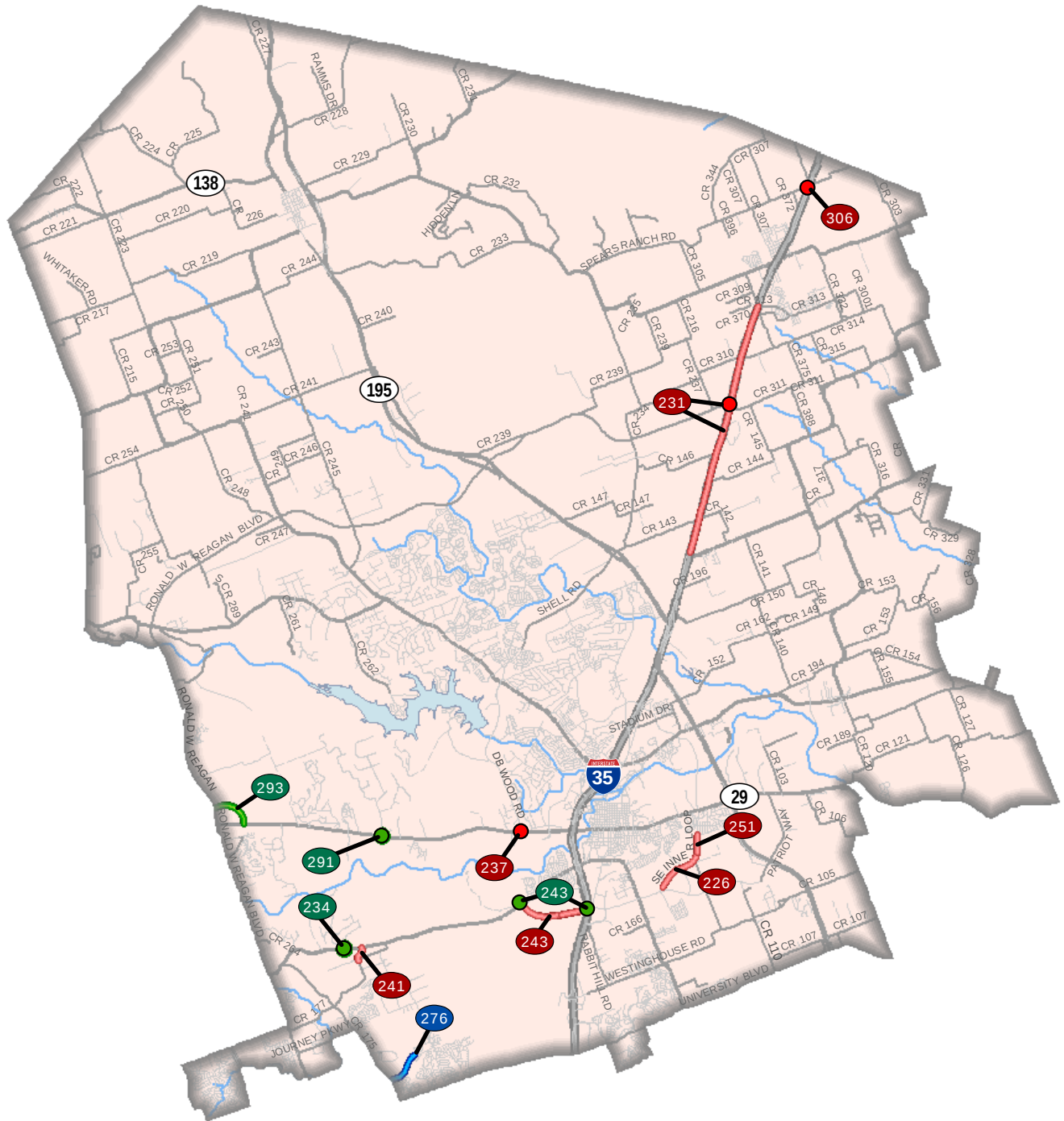
In Design

- 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

- 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>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>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

3/31/2017 Comments - The Contractor is working on the Maintenance Bond wording.

<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

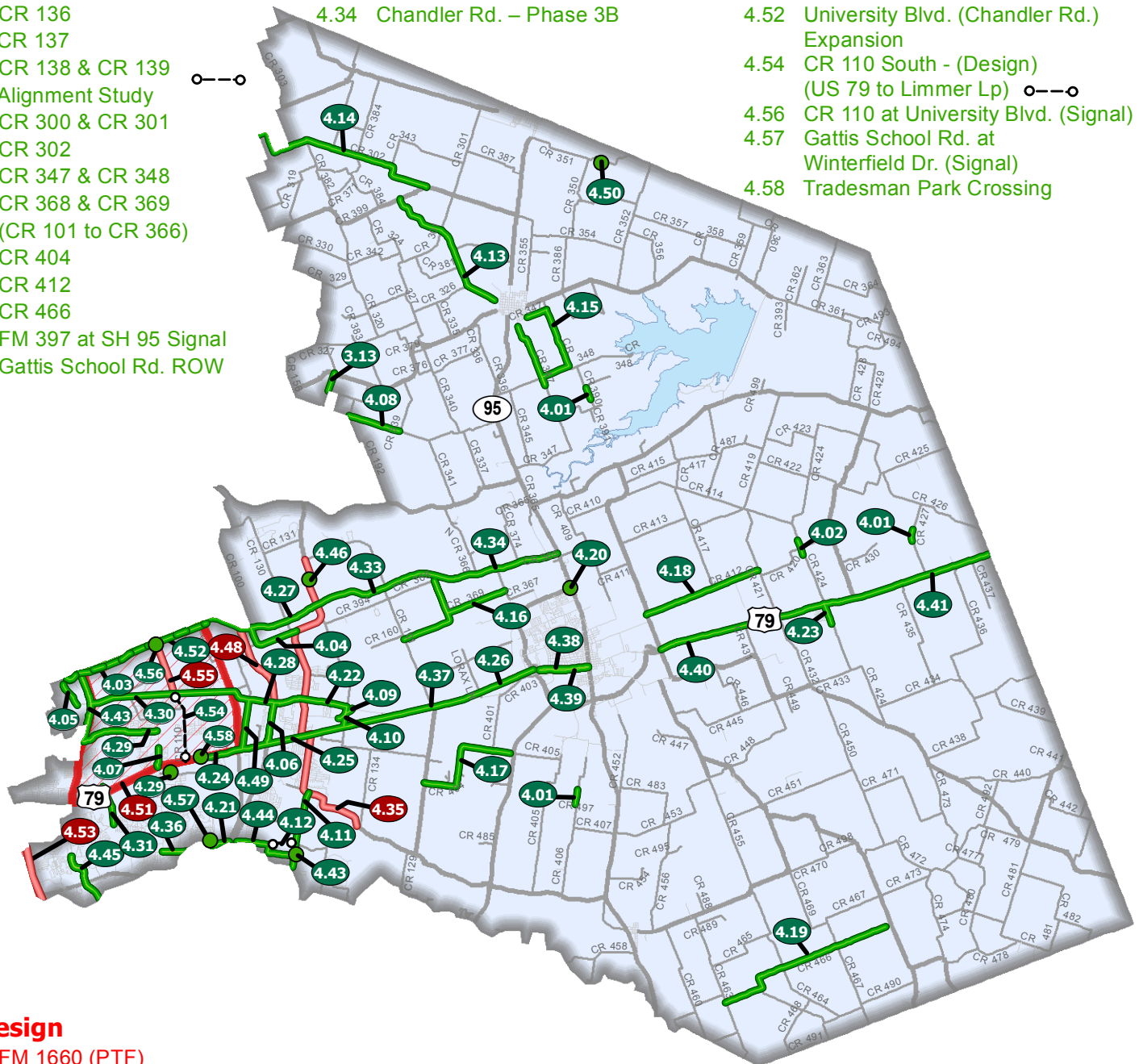
<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantial Completion</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>	
4/20/2016	5/16/2016	2/17/2017 (Limited)				180	0	180	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</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	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
(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
Alignment Study | | 4.52 University Blvd. (Chandler Rd.)
Expansion |
| 4.13 CR 300 & CR 301 | | 4.54 CR 110 South - (Design)
(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
Winterfield Dr. (Signal) |
| 4.16 CR 368 & CR 369
(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 | | |

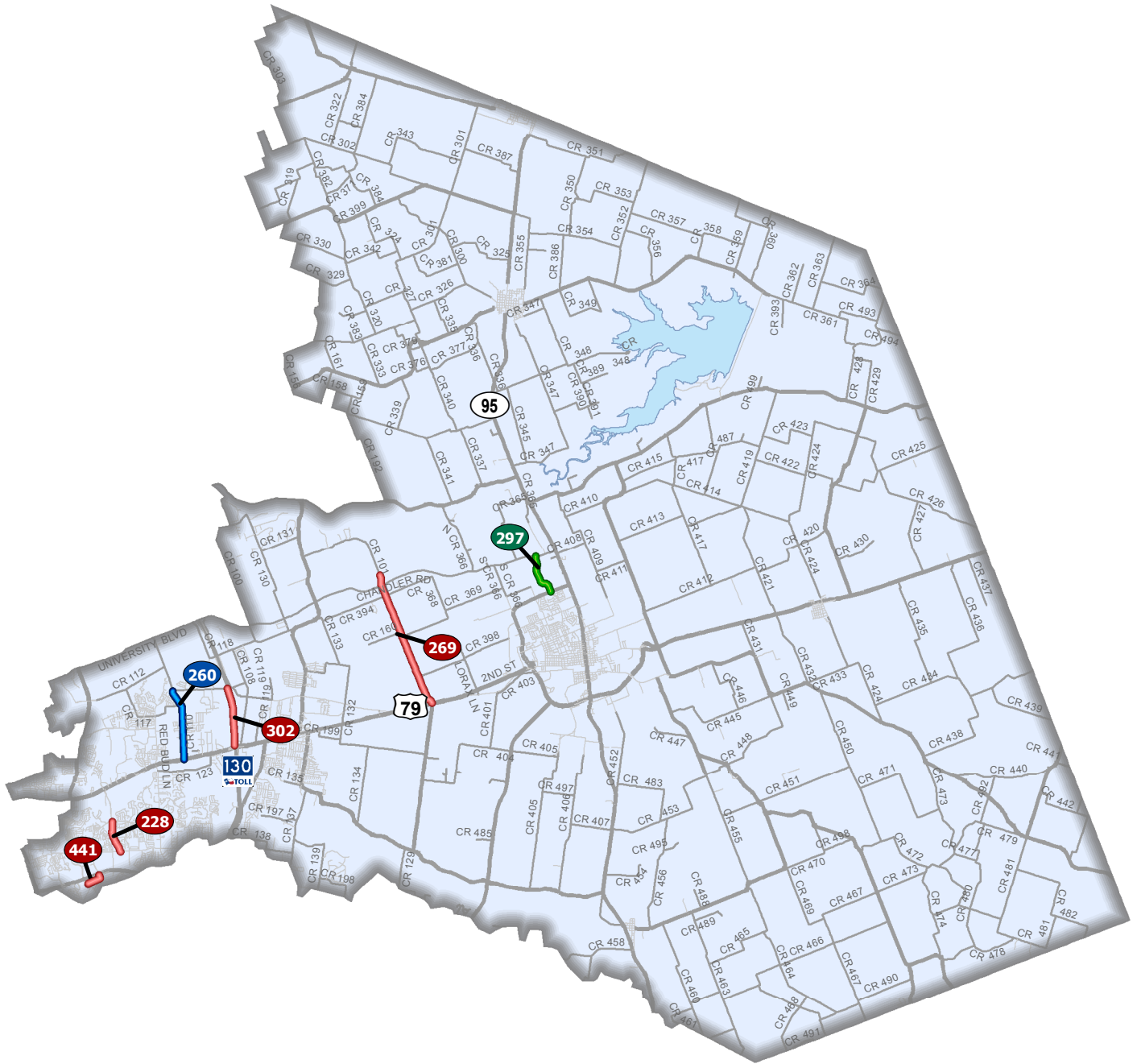


In Design

- 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>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>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

3/31/2017 Comments - The Contractor is working on Closeout Documents including 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>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>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

3/31/2017 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.

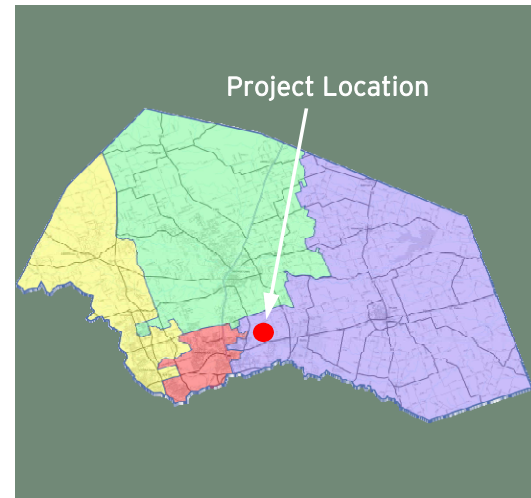
<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	9/6/2016	-102,204.38	-98,985.18

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



MARCH 2017 IN REVIEW

3/03/2017: Chasco Constructors continued water line installation between Parma St and Mozart Ln. AT&T continued tying lines and installing junction pedestals. Oncor's subcontractor Willbros continued placing poles and installing electrical lines.

3/10/2017: Water line installation between Parma St and Mozart Ln continued. Two houses within the ROW were removed. Subcontractor Bryant/Frey completed boring under Mozart Ln.

3/17/2017: Water line installation continued north of Mozart Ln. Subcontractor Bryant/Frey bored under Limmer Loop. AT&T continued tying in their lines and installing junction pedestals.

3/24/2017: An 8" water line was installed across CR 110 at Sophia. Subcontractor Bryant/Frey bored under CR 110 at Sophia.

3/31/2017: A 16" water line was installed south of Limmer Loop and an 8" water line was installed at Porano. Subcontractor H-D Drilling bored the encased water line under CR 110 north of Porano. Oncor's subcontractor Willbros continued installing electrical lines. Two poles remain to be installed.



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									