

## **ROAD BOND PROGRAM**

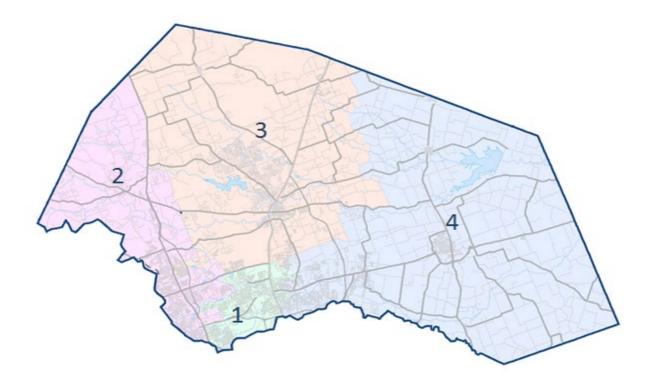
**Construction Summary Report** 

County Judge Bill Gravell, Jr.

Commissioners Terry Cook Cynthia Long Valerie Covey Russ Boles November 2021

WWW.ROADBOND.ORG

Volume XX - Issue No.11



**Presented By:** 



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# WILLIAMSON COUNTY ROAD BOND PROGRAM

### COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF OCTOBER 2021

- 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
- Pearson Ranch Road Oct 2017
- Forest North Drainage Improvements Phase 2 Oct 2017
- RM 620 Phase 2 Jul 2018
- O'Connor Drive N of RM 620 Jul 2018
- Neenah Avenue Widening Dec 2018
- Neenah Avenue and Pearson Ranch Road Traffic Signal Jan 2019
- Forest North Drainage Improvements Anderson Mill Feb 2020
- Great Oaks Drive Water Line Relocations Jun 2020
  - North Mays Extension- Dec 2020
- Corridor H/Sam Bass Road Interim Signals

# WILLIAMSON COUNTY ROAD BOND PROGRAM

### COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF OCTOBER 2021

- 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
- County Road 200 at Bold Sundown Oct 2018
- Ronald Reagan at Santa Rita Ranch Feb 2019
- CR 200 at SH 29 / Loop 332 Jul 2019
- Lakeline Right Turn Lanes Aug 2019
- Bagdad Road (CR 279) at CR 278 (River Ranch County Park Road) Feb 2020
- San Gabriel Ranch Road Bridge Mar 2020
- Corridor F / US 183 Planning Jan 2021
- Seward Junction Improvements Mar 2021

# WILLIAMSON COUNTY ROAD BOND PROGRAM

### COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF OCTOBER 2021

- 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 Intersection Aug 2016
- SH 29 at Cedar Hollow Right Intersection Improvements Aug 2016
- Southwest Bypass Access Route Jul 2017
- Arterial H Extension Phase I– Feb 2018
- Relocation of Williamson County Regional Raw Water Line Apr 2018
- Southwest Bypass Segment 1 Sep 2018
- Inner Loop Improvements Dec 2018
- Southwest Bypass Segment 2 Jan 2020
- CR 176 @ RM 2243 Oct 2020
- IH 35 Ramp Reversals and Frontage Road Conversion Dec 2020
- Ronald Raegan Boulevard at Silver Spur Boulevard June 2021
- Ronald Raegan Boulevard at Sun City June 2021

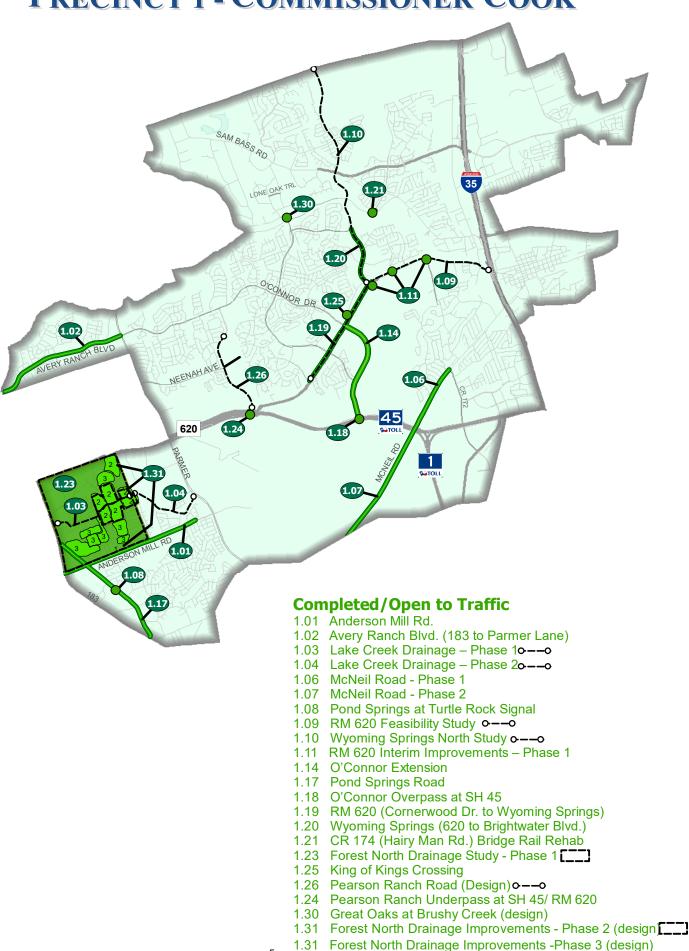
## WILLIAMSON COUNTY **ROAD BOND PROGRAM**

### COMPLETED PROJECTS

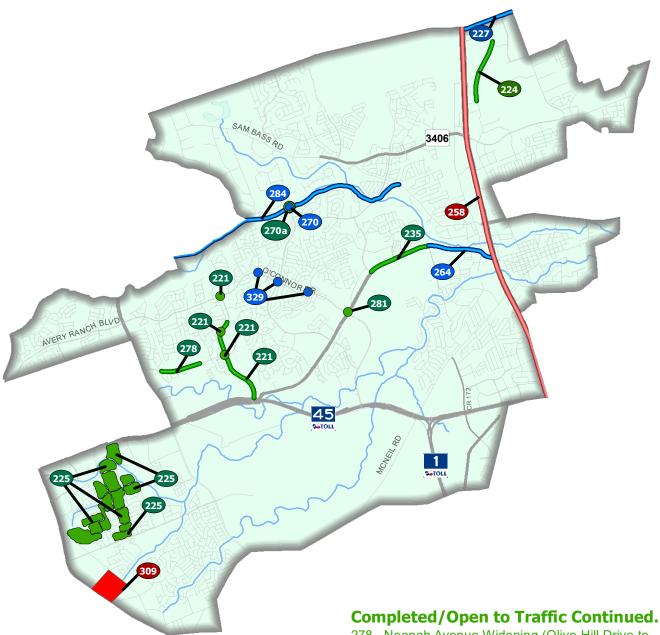
CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF OCTOBER 2021

- 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
- County Road 110 South May 2018
- County Road 119 Mar 2019
- County Road 110 Middle Oct 2020

## 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 1 - COMMISSIONER COOK



## 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 1 - COMMISSIONER COOK



### **Completed/Open to Traffic**

- 221 Pearson Ranch Road
- 221 Pearson Ranch Road at Avery Ranch Boulevard Traffic Signal
- 221 Pearson Ranch Road and Iveans Way Pedestrian Crossing
- 221 Neenah Avenue and Pearson Ranch Road Traffic Signal
- 224 North Mays Street Extension(Paloma Drive to Oakmont Drive)
- 225 Forest North Drainage Improvements Phase 2
- 225 Forest North Drainage Improvements Phase 3 (Design)
- 225 Forest North Drainage Improvements Anderson Mill Zone
- 235 RM 620 Phase 2 (Wyoming Springs to Deep Wood Drive)
- 270a Great Oaks Drive Waterline Relocations

- 278 Neenah Avenue Widening (Olive Hill Drive to 0.5 miles east of Olive Hill Drive)
- 281 O'Connor Drive North of RM 620

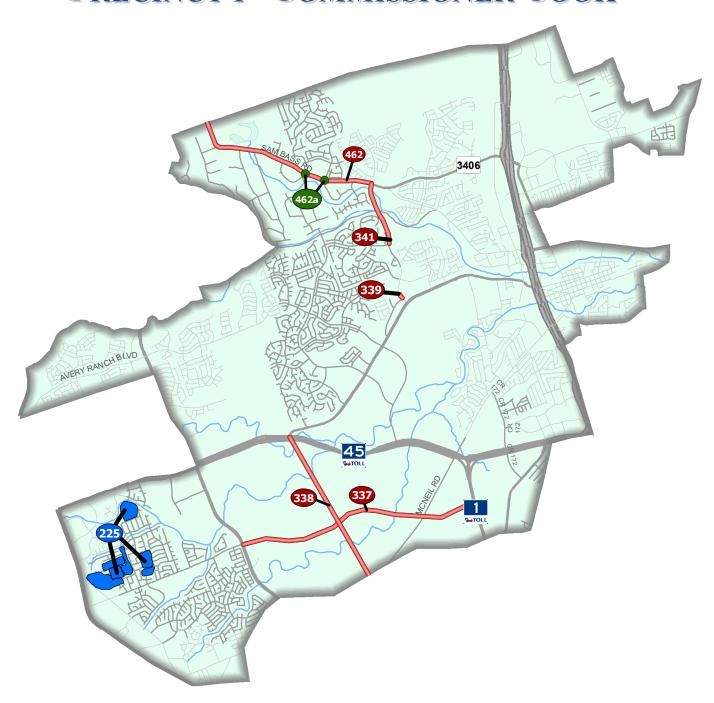
### **Under Construction/Bidding**

- 227 University Boulevard Widening (IH 35 to Sunrise Road)
- 264 RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)
- 270 Great Oaks Drive Bridge at Brushy Creek
- 284 Hairy Man Road/Brushy Creek Road Safety Improvements (Brushy Bend to Sam Bass Road)
- 329 O'Connor Drive Traffic Signals (Morgan Hill, Great Oaks and Liberty Walk Intersections)

### In Design

- 258 IH 35 Corridor Operational Analysis (SH 45 to RM 1431)
- 309 Pond Springs Road Area Drainage Improvements (Pond Springs Road to US 183)

## 2019 ROAD BOND PROGRAM PROJECTS PRECINCT 1 - COMMISSIONER COOK



### **Under Construction/Bidding**

225 Forest North Drainage Improvements Phase 3

### **Completed/Open to Traffic**

462a Corridor H/Sam Bass Road Interim Traffic Signals

### In Design

- 337 Anderson Mill Road (FM734-Loop1)
- 338 RM 620/SH 45 intersection to McNeil Road
- 339 Wyoming Springs Intersection Improvements (At Smyers Lane)
- 341 Wyoming Springs Extension (Brightwater Boulevard/Creek Bend to Sam Bass Road)
- 462 Corridor H/Sam Bass Road (RM 1431 to Wyoming Springs Drive)

### North Mays Street Extension Phase 1 (Paloma Drive to Oakmont Drive)

Project No.	1810-265		`		,		Original Contra	act Price =	\$10,775,835.75
Letting	Award	Notice To	Begin	Substantial	Completion		Total Bid	Days	<u>Total</u>
		Proceed	<u>Work</u>	Completion	Certificate		<u>Days</u>	Added	<u>Days</u>
11/14/2018	12/4/2018	1/18/2019	1/28/2019	12/16/2020			410	279	689
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	1/28/2019	1/31/2019	4	\$523,139.40	\$523,139.40	\$58,126.60	\$58,126.60	5	1
2	2/1/2019	2/28/2019	28	\$2,584.80	\$525,724.20	\$287.20	\$58,413.80	5	5
3	3/1/2019	4/30/2019	61	\$102,281.40	\$628,005.60	\$11,364.60	\$69,778.40	6	13
4	5/1/2019	5/31/2019	31	\$593,318.74	\$1,221,324.34	\$65,924.30	\$135,702.70	12	18
5	6/1/2019	6/30/2019	30	\$188,661.93	\$1,409,986.27	\$20,962.44	\$156,665.14	14	22
6	7/1/2019	7/31/2019	31	\$590,007.31	\$1,999,993.58	\$65,556.37	\$222,221.51	19	27
7	8/1/2019	8/31/2019	31	\$628,396.35	\$2,628,389.93	\$69,821.82	\$292,043.33	26	31
8	9/1/2019	9/30/2019	30	\$2,393,911.61	\$5,022,301.54	\$265,990.17	\$558,033.50	49	36
9	10/1/2019	10/31/2019	31	\$724,961.48	\$5,747,263.02	\$80,551.28	\$638,584.78	56	40
10	11/1/2019	11/30/2019	30	\$378,890.89	\$6,126,153.91	\$42,098.99	\$680,683.77	59	45
11	12/1/2019	12/31/2019	31	\$341,316.16	\$6,467,470.07	\$37,924.02	\$718,607.79	63	49
12	1/1/2020	1/31/2020	31	\$258,548.22	\$6,726,018.29	\$28,727.58	\$747,335.37	65	54
13	2/1/2020	2/29/2020	29	\$191,886.33	\$6,917,904.62	\$21,320.70	\$768,656.07	67	58
14	3/1/2020	3/31/2020	31	\$176,371.44	\$7,094,276.06	\$19,596.83	\$788,252.90	69	62
15	4/1/2020	4/30/2020	30	\$395,476.16	\$7,489,752.22	\$43,941.79	\$832,194.69	73	67
16	5/1/2020	5/31/2020	31	\$277,797.27	\$7,767,549.49	\$30,866.36	\$863,061.05	75	71
17	6/1/2020	6/30/2020	30	\$385,340.38	\$8,152,889.87	\$42,815.60	\$905,876.65	79	75
18	7/1/2020	7/31/2020	31	\$418,604.43	\$8,571,494.30	\$46,511.61	\$952,388.26	83	80
19	8/1/2020	8/31/2020	31	\$202,731.51	\$8,774,225.81	\$22,525.72	\$974,913.98	85	84
20	9/1/2020	9/30/2020	30	\$117,670.32	\$8,891,896.13	\$13,074.48	\$987,988.46	86	89
21	10/1/2020	10/31/2020	31	\$305,827.52	\$9,197,723.65	\$33,980.83	\$1,021,969.29	89	93
22	11/1/2020	11/30/2020	30	\$190,635.28	\$9,388,358.93	\$21,181.70	\$1,043,150.99	91	98
23	12/1/2020	12/31/2020	16	\$338,985.41	\$9,727,344.34	\$37,665.05	\$1,080,816.04	94	100
24	1/1/2021	2/28/2021	0	\$165,603.43	\$9,892,947.77	\$18,400.38	\$1,099,216.42	96	100
25	3/1/2021	5/31/2021	0	\$1,535,933.64	\$11,428,881.41	-\$1,099,216.42	\$0.00	100	100
5/13/2021	Comments -	Awaiting grass	growth.						
1/28/2021	Comments -	Substantial Cor	npletion was a	chieved on Decen	nber 16, 2020.				
Change Order N	lumber		Approved			Cost This CO			Total COs
									40.00

01 \$5/5/2020 \$0.00 \$0.00

4B: Third Party Accommodation. Third party requested work. This Change Order modifies the contract to require that Chandler Creek, LP, a Delaware limited partnership (collectively referred to as "Seller") be an additional insured to Capital Excavation's (Contractor) commercial general liability (CGL) insurance policy and to their commercial auto liability (Auto Liability) insurance policy. Adding the Seller to the Contractor's insurance was in the terms and conditions of the Real Estate Contract between the Chandler Creek, LP and Williamson County. The Real Estate Contract was finalized after the plans were completed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 5/5/2020
 \$24,898.11
 \$ 24,898.11

3F: County Convenience. Additional work desired by the County. This Change Order compensates the Contractor for modifications to Driveway #1 that include raising the elevation of the driveway to match the current driveway, improving the driveway by adding 6" of flex base to the pavement section, and using higher strength concrete. The driveway elevation was maintained to minimize the impact of flooding on the driveway access. The improvements were necessary due to the high volume of heavy truck and trailer traffic that uses the driveway.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 10/6/2020
 \$67,872.45
 \$ 92,770.56

3F: County Convenience. Additional work desired by the County. This Change Order compensates the Contractor for adding electronic portable changeable message boards to provide advance notification of the closure of North Mays, from Jeffery Way to Paloma Drive. The Change Order also adds compensation for the removal of the City of Round Rock Public Safety Training Center sign. Electrical ground boxes and installation of illumination on the Chandler Branch bridge will be added at the request of Oncor.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 10/6/2020
 \$21,002.40
 \$ 113,772.96

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds a 24" encasement to the relocation of the new City of Round Rock 12" Water Line A that crosses the roadway at the north end of the project. The installation of the water line was included in the plans, but the encasement was not. The encasement is required to protect the water line under the roadway.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 2/23/2021
 \$194,528.81
 \$ 308,301.77

2G: Unadjusted utility (unforeseeable). This Change Order adds various changes to the project, including the additional cost of hauling embankment material due to delays in the relocation of existing utilities. 3F: Additional work desired by the County. Pay items were added for electronic changeable message boards that have been used during road closures at the south end of the project, a driveway on North Mays Street north of the City of Round Rock Public Safety Training Center, and traffic control devices that were added at the northbound lane drop transition at the north end of the project. 2E: Differing Site Conditions (unforeseeable). This Change Order also includes adjustment of existing water valve risers, a manhole in the North Mays Street and Paloma Drive intersection, and a wall along the sidewalk in front of the City of Round Rock Public Safety Training Center.

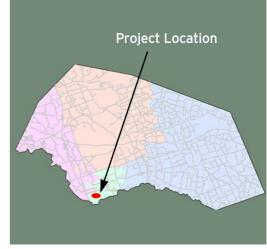
 Change Order Number
 Approved
 Cost This CO
 Total COs

 6
 3/23/2021
 \$364,733.96
 \$ 673,035.73

6C: Untimely ROW/Utilities. Utilities not clear. This Change Order adds a pay item to compensate the Contractor for extended project overhead costs caused by delays to the utility relocation.

Adjusted Price = \$11,448,871.48





### Forest North Phase 3

(Residential Drainage of the Forest North subdivision)

Project Length: Residential Neighborhood Roadway Classification: Drainage Improvements

Project Schedule: June 2020 - February 2022 Estimated Construction Cost: \$4.9 Million



#### October 2021 IN REVIEW

10/1/2021: DeNucci Constructors completed installing the COA water line services on Eddystone Street.

10/8/2021: DeNucci Constructors pre-tested the COA water line and started installing the storm sewer line on Eddystone Street. Subcontractor Fuquay installed rock berms at culvert C-51 (Shady Oaks Drive) and C-69 Eddystone Street.

10/15/2021: Work was slow due to inclement weather. DeNucci continued the COA water line installation on Shady Oaks Drive.

10/22/2021: DeNucci Constructors completed placing the new COA water line on Shady Oaks Drive and Longvale Drive and started laying the new water line on Shasta Lane. Crews continued placing the 3' x 2' box culvert, excavation at the upstream and downstream headwalls at Culvert C-69 and hydrostatic water line testing on Eddystone Street.

10/29/2021: DeNucci Constructors completed placing the new COA water line on Shady Oaks and started installing new water services in the Shasta Zone.



Design Engineer: K. Friese & Associates Contractor: DeNucci Constructors Construction Observation: Bruce Thurin, HNTB

Williamson County Road Bond Program



### Forest North Phase 3

Project No.	3866					(	Original Contra	act Price =	\$4,793,058.15
Letting	<u>Award</u>	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid <u>Days</u>	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
4/23/2020	5/5/2020	6/1/2020	6/11/2020				600	2	602
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	<u>Date</u>	<u>Date</u>	Charged	Invoice	Total	Retainage	Retainage	Used	<u>Used</u>
1	6/11/2020	6/30/2020	20	\$162,371.70	\$162,371.70	\$18,041.30	\$18,041.30	4	3
2	7/1/2020	7/31/2020	31	\$312,289.20	\$474,660.90	\$34,698.80	\$52,740.10	11	8
3	8/1/2020	8/31/2020	31	\$290,125.80	\$764,786.70	\$32,236.20	\$84,976.30	17	14
4	9/1/2020	9/30/2020	30	\$287,032.05	\$1,051,818.75	\$31,892.45	\$116,868.75	24	19
5	10/1/2020	10/31/2020	31	\$468,464.76	\$1,520,283.51	\$52,051.64	\$168,920.39	34	24
6	11/1/2020	11/30/2020	30	\$206,112.42	\$1,726,395.93	\$22,901.38	\$191,821.77	39	29
7	12/1/2020	12/31/2020	31	\$311,530.68	\$2,037,926.61	\$34,614.52	\$226,436.29	46	34
8	1/1/2021	1/31/2021	31	\$169,934.92	\$2,207,861.53	\$18,881.66	\$245,317.95	50	39
9	2/1/2021	2/28/2021	28	\$206,865.00	\$2,414,726.53	\$22,985.00	\$268,302.95	55	44
10	3/1/2021	3/31/2021	31	\$214,908.30	\$2,629,634.83	\$23,878.70	\$292,181.65	59	49
11	4/1/2021	4/30/2021	30	\$109,026.67	\$2,738,661.50	\$12,114.07	\$304,295.72	62	54
12	5/1/2021	5/31/2021	31	\$51,380.93	\$2,790,042.43	\$5,708.99	\$310,004.71	63	59
13	6/1/2021	6/30/2021	30	\$132,931.80	\$2,922,974.23	\$14,770.20	\$324,774.91	66	64
14	7/1/2021	7/31/2021	31	\$187,562.29	\$3,110,536.52	\$20,840.26	\$345,615.17	70	69
15	8/1/2021	8/31/2021	31	\$298,473.57	\$3,409,010.09	\$33,163.73	\$378,778.90	77	74
16	9/1/2021	9/30/2021	30	\$443,259.14	\$3,852,269.23	-\$176,027.89	\$202,751.01	82	79

7/3/2020 Comments - The Notice to Proceed was issued 6/1/20 with Time Charges beginning on 6/11/20.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 10/6/2020
 \$22,353.00
 \$ 22,353.00

2E: Differing Site Conditions(unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order makes various changes to the City of Austin (COA) water line layout on Perthshire Street and Broadmeade Avenue in the Braes Valley Zone. 4B: Third Party Accommodation. Third Party requesed work. The cost of this change order is being paid for by the City of Austin and they have reviewed and approved this revision and additional cost.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 10/6/2020
 \$5,017.92
 \$ 27,370.92

3F: County Convenience. Additional work desired by the County. This Change Order modifies the grate elevation of an existing drop inlet and regrades the ditches to improve drainage at 9615 Moorberry Street. The drop inlet was installed in a previous Forest North drainage improvement project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 3
 1/12/2021
 \$ 27,841.45
 \$ 55,212.37

4B: Third Party Accommodation. Third party requested work. This Change Order adds a new item to pay the Contractor for additional potholing needed to locate City of Austin (COA) water lines and services in locations not called for in the plans and outside the normal bid item subsidiary potholing. This Change Order also adds a new item to pay the Contractor to remove and replace mailboxes that are in conflict with COA water line relocations. The City of Austin has agreed to pay the additional costs associated with these items.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 4
 1/12/2021
 \$ 2,215.00
 \$ 57,427.37

2E: Differeing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds two new items to pay the Contractor to replace a driveway and pipe end treatments located at the intersection of Wisterwood and Broadmeade in the Braes Valley Zone that were impacted by the installation of the City of Austin 12" water line, per Change Order 1. The City of Austin has agreed to pay the additional cost associated with these items.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 5
 1/12/2021
 \$ 5,117.00
 \$ 62,544.37

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds two new items for wood fence gates that were not included in the original plans. Wood fence is shown to be removed and replaced but no items were established to replace wood fence gates encountered within the fence removal areas. 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order also adds an item to compensate the Contractor for the cost to relocate a copper water service line on the private side of the water line service at 13013 Stillforest Street. The existing copper water service line is required to be moved because it is in conflict with proposed storm sewer installation. The County is paying the cost of this Change Order.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 6
 3/16/2021
 \$ 25,200.00
 \$ 87,744.37

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds an item to pay for 24" RCP 6:1 safety end treatments (SET's). Plan sheet 120 of 201 (SB7 of SB10) calls for the 24" RCP on Chester Forest Street to have 6:1 SET's but no pay items were created to pay for this item on the bid forms.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 7
 10/5/2021
 \$ 30,341.85
 \$ 118,086.22

3F: Additional work desired by the County. County Convenience. This Change Order adds an item to compensate the contractor for a portion of the reconstruction cost of Queensland Drive. Queensland Drive required reconstruction due in part to the condition of the existing roadway and the impact of the Contractor's equipment entering and exiting their staging area adjacent to the roadway.

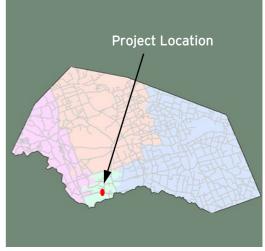
 Change Order Number
 Approved
 Cost This CO
 Total COs

 8
 10/5/2021
 \$ 9,733.37
 \$ 127,819.59

3F: Additional work desired by the County. County Convenience. This Change Order adds a new item to compensate the Contractor to mill and overlay Newberry Drive in lieu of patching the trenches for the waterline and storm sewer pipe ditchlines.

Adjusted Price = \$4,920,877.74





### O'Connor Traffic Signals

(Morgan Hill, Great Oaks, and Liberty Walk Intersections)

Project Length: .4 miles Roadway Classification: Residential Intersections

Project Schedule: October 2019 - November 2021 Estimated Construction Cost: \$1.0 Million



### October 2021 IN REVIEW

10/1/2021: Champion installed the controller equipment inside the traffic signal cabinets at all three intersections. Crews began the final wiring and cable installation at the Liberty Walk traffic controller cabinet.

10/8/2021: Champion continued connecting the final wiring and installing cable at all three intersections. PEC connected the power at the Morgan Hill Trail intersection and the illumination was turned on.

10/15/2021: No work performed this week.

10/22/2021: Champion completed wiring and installation of electric services. Contractor installed pedestrian push buttons at all three intersections and set all three signals to flash red in all directions.

10/29/2021: No work performed this week while signals were on flash.



Design Engineer: Kimley-Horn Contractor: Champion Infrastructure Construction Observation: Tracy Cooper, HNTB

Williamson County Road Bond Program



### O'Connor Traffic Signals

Project No.	1907-333					(	riginal Contra	act Price =	\$853,503.50
Letting	<u>Award</u>	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid <u>Days</u>	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
8/20/2019	9/17/2020	10/3/2019	6/8/2020				210	0	210
<u>Invoice</u> Number	Beginning Date	Ending Date	<u>Days</u> Charged	<u>Current</u> Invoice	<u>Invoiced</u> Total	<u>Current</u> Retainage	<u>Total</u> Retainage	<u>% (\$)</u>	<u>% Time</u> <u>Used</u>
1	6/8/2020	6/30/2020	23	\$91,850.40	\$91,850.40	\$10,205.60	\$10,205.60	Used 10	11
2	7/1/2020	7/31/2020	31	\$56,002.50	\$147,852.90	\$6,222.50	\$16,428.10	16	26
3	8/1/2020	8/31/2020	31	\$80,984.74	\$228,837.64	\$8,998.30	\$25,426.40	25	40
4	9/1/2020	9/30/2020	30	\$41,649.50	\$270,487.14	\$4,627.73	\$30,054.13	29	55
5	10/1/2020	10/31/2020	31	\$78,278.28	\$348,765.42	\$8,697.58	\$38,751.71	38	70
6	11/1/2020	11/30/2020	30	\$24,011.05	\$372,776.47	\$2,667.90	\$41,419.61	41	84
7	12/1/2020	12/31/2020	31	\$68,702.27	\$441,478.74	\$7,633.58	\$49,053.19	48	99
8	1/1/2021	1/31/2021	31	\$23,573.00	\$465,051.74	\$2,619.23	\$51,672.42	51	113
9	2/1/2021	2/28/2021	28	\$45,381.37	\$510,433.11	\$5,042.37	\$56,714.79	55	127
10	3/1/2021	3/31/2021	31	\$40,240.96	\$550,674.07	\$4,471.22	\$61,186.01	60	141
11	4/1/2021	4/30/2021	30	\$80,966.81	\$631,640.88	-\$27,941.75	\$33,244.26	65	156
12	5/1/2021	5/31/2021	31	\$60,507.88	\$692,148.76	\$3,184.62	\$36,428.88	71	170
13	6/1/2021	6/30/2021	30	\$45,123.57	\$737,272.33	\$2,374.93	\$38,803.81	76	185
14	7/1/2021	8/31/2021	62	\$15,444.63	\$752,716.96	\$812.87	\$39,616.68	78	214
15	9/1/2021	9/30/2021	30	\$124,610.42	\$877,327.38	\$6,558.44	\$46,175.12	90	229

10/1/2021 Comments - Waiting on electric service meters, then can activate signals. Revised completion date is 11/1/21.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 9/29/2020
 \$19,683.04
 \$ 19,683.04

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds a new item to compensate the Contractor for extra work to install conduit crossings via open-cut method and to repair storm sewer pipes that were damaged while attempting directional drilling. This Change Order also subtracts bid quantities for conduit items that will not be used at Liberty Walk intersection after switching to open-cut method.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 10/6/2020
 \$33,656.00
 \$53,339.04

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order changes the method of construction from directional boring to open trenching for the installation of conduits under the existing roadway for the signals at the intersection of O'Connor Drive and Great Oaks Drive. This change in the method of construction was necessary due to the location of existing utilities within the right of way and in the roadway. To accommodate the open cut trench method, the designer changed the conduit from 2 - 3" and 1 - 2" conduits to 4 - 2" conduits. The conduit run equals approximately 300 feet and this change order adds an additional 2" run to the project, totalling 1200 linear feet. This Change Order also adds a new Force Account item to pay for off-duty police officers and vehicles for traffic control during open trenching operations at the Great Oaks and Morgan Hill intersections.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 3
 2/9/2021
 \$ 77,716.34
 131,055.38

2G: Differing Site Conditions (unforeseeable). Unadjusted utility (unforeseeable). This Change Order adds various changes to the project, including; additional cost to complete installation conduits at Liberty Walk and Morgan Hill intersections due to various utility conflicts, the additional cost to replace curb and gutter that was removed in order to install conduit crossings via "open-cut" method at all three intersections, and the additional cost of maintaining project perimeter signs and barricades due to a project delay caused by working around existing utilities. 4B: Third Party Accommodation. Third party requested work. This Change Order adds a pay item for the additional cost to relocate the controller pad at Liberty Walk intersection.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 4
 8/21
 \$ 37,546.50
 168,601.88

2G: Differing Site Conditions (unforeseeable). Unadjusted utility (unforeseeable). This Change Order adds various changes to the project, including; additional cost to complete installation conduits at Liberty Walk and Morgan Hill intersections due to various utility conflicts, the additional cost to replace curb and gutter that was removed in order to install conduit crossings via "open-cut" method at all three intersections, and the additional cost of maintaining project perimeter signs and barricades due to a project delay caused by working around existing utilities. 4B: Third Party Accommodation. Third party requested work. This Change Order adds a pay item for the additional cost to relocate the controller pad at Liberty Walk intersection.

Adjusted Price = \$1,022,105.38

### Corridor H - Sam Bass Interim Traffic Signals

Project No.	T1740					C	Original Contr	act Price =	\$319,866.00
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
9/1/2020	9/29/2020	1/5/2021	1/19/2021	5/13/2021	10/7/2021		60	58	118
Invoice	Beginning	Ending	<u>Days</u>	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	12/1/2020	12/31/2020		\$9,000.00	\$9,000.00	\$1,000.00	\$1,000.00	3	0
2	1/19/2021	1/31/2021	13	\$68,562.00	\$77,562.00	\$7,618.00	\$8,618.00	28	11
3	2/1/2021	4/30/2021	89	\$132,604.97	\$210,166.97	\$14,733.89	\$23,351.89	77	86
4	5/1/2021	5/31/2021	16	\$52,976.25	\$263,143.22	\$5,886.25	\$29,238.14	96	100
5	8/1/2021	8/31/2021	0	\$6,054.30	\$269,197.52	\$672.70	\$29,910.84	98	100
9/30/2021	Comments -	Substantial Con	mpletion was a	chieved on 5/13/2	21.				
Change Order N	Number		Approved			Cost This CO			Total COs
01			4/6/2021			28,476.86			28,476.86

<sup>1</sup>A. Design Error or Omission. Incorrect PS&E. This Change Order changes the timber poles on south side of the intersection of Great Oaks Drive and Sam Bass Road to steel poles because there is not enough right of way to install guy wire support for timber poles.

<sup>3</sup>F. County Convenience. Additional work desired by the County. This Change Order adds pedestrian signals to the existing cross walk and changes the locations of signal controller and electric service at the intersection of Great Oaks Drive and Sam Bass Road. This Change Order also adds a new item to trim the existing trees at the intersection of Walsh Ranch Boulevard and Sam Bass Road that are blocking signal heads and traffic detectors.

Change Order Number	<u>Approved</u>	Cost This CO	Total COs
02	8/10/2021	7,027.00	35,503.86

This Change Order adds a protected left turn phase for the westbound and eastbound left turn lanes on Sam Bass Road at the intersection with Great Oaks Drive. This change order also adds a lane assignment sign, corrects a street sign and payment for cost of mobilization for the Contractor to move back in to the project for this additional work.

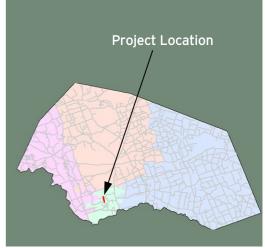
 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 10/19/2021
 -51,416.50
 -15,912.64

Adjusted Price = \$303,953.36

<sup>2</sup>E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable). 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.





Hairy Man Road / Brushy Creek Road Safety Improvements (Brushy Bend to Sam Bass Road)

Project Length: 2.4 Miles

Roadway Classification: Major Collector

Project Schedule: February 2021 - December 2021 Estimated Construction Cost: \$3.9 Million



#### October 2021 IN REVIEW

10/1/2021: DeNucci formed concrete rip rap mow strip around the metal beam guard fence at Culvert 6 at Hairy Man Road. Subcontractor DIJ completed the final striping in the Brushy Creek Pool parking lot.

10/8/2021: DeNucci placed topsoil near Culvert 1 at Brushy Creek Road.

10/15/2021: Work was slow at Hairy Man Road due to inclement weather. DeNucci continued excavating ditches and grading along the new edge of pavement at various locations. Crews also continued forming and pouring concrete rip rap mow strip around the metal beam guard fence at various locations. DeNucci placed topsoil near Culvert 1 at Brushy Creek Road.

10/22/2021: Subcontractor Fuquay sprayed hydro-mulch from the west end to Culvert 7 at Hairy Man Road and installed soil retention blankets at several locations. DeNucci placed topsoil near Culvert 1. Subcontractor Alpha Paving installed signs at Brushy Creek Road.

10/29/2021: At Hairy Man Road DeNucci installed soil retention blanket from the west end to Culvert 7. At Brushy Creek Road DeNucci installed soil retention blanket in the westbound ditch across from Olson Meadows Park. Subcontractor Fuguay completed spraying hydro-mulch seed.



Design Engineer: Atkins Contractor: DeNucci Constructors Construction Observation: Tracy Cooper, HNTB

Williamson County Road Bond Program



### Hairy Man Rd. / Brushy Creek Rd. Improvements

Project No.	T2232					(	Original Contr	act Price =	\$3,964,380.00
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
11/18/2020	12/8/2020	2/8/2021	2/18/2021				309	0	309
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	<u>Used</u>	Used
1	2/18/2021	2/28/2021	11	\$113,634.00	\$113,634.00	\$12,626.00	\$12,626.00	3	4
2	3/1/2021	3/31/2021	31	\$304,968.46	\$418,602.46	\$33,885.38	\$46,511.38	12	14
3	4/1/2021	4/30/2021	30	\$164,520.90	\$583,123.36	\$18,280.10	\$64,791.48	16	23
4	5/1/2021	5/31/2021	31	\$129,207.51	\$712,330.87	\$14,356.39	\$79,147.87	20	33
5	6/1/2021	6/30/2021	30	\$509,373.81	\$1,221,704.68	\$56,597.09	\$135,744.96	34	43
6	7/1/2021	7/31/2021	31	\$809,404.66	\$2,031,109.34	\$89,933.86	\$225,678.82	57	53
7	8/1/2021	8/31/2021	31	\$778,616.79	\$2,809,726.13	\$86,512.97	\$312,191.79	79	63
8	9/1/2021	9/30/2021	30	\$348,233.83	\$3,157,959.96	-\$145,983.37	\$166,208.42	84	73

3/9/2021 Comments - The Notice to Proceed was issued 2/8/21 with Time Charges beginning 2/18/21.

Change Order Number	Approved	Cost This CO	Total COs
01	7/20/2021	\$6,004.00	\$ 6,004.00

This Change Order adds an item to pay for installation of barbed wire fence at Olson Meadows Park. This fence replaces an existing fence that was removed to complete the roadway widening. Fern Bluff MUD requested that the fencing be replaced to prevent parking on the slope.

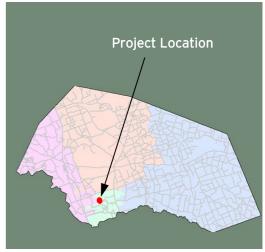
 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 8/3/2021
 \$3,900.00
 \$ 9,904.00

This Change Order adds an item to pay for installation of three 3' x 3' - 3' x 3' drop inlets and removes two 5' x 3' - 3' x 3' drop inlets that were included in the original plans. Plan sheet 111 shows to install three 3' x 3' - 3' x 3' inlets but the Summary of Estimated Quantities on Sheet 16 and the pay app show two 5' x 3' - 3' x 3' inlets.

Adjusted Price = \$3,974,284.00





## **Great Oaks Drive Bridge at Brushy Creek**(Along Great Oaks Drive from Brightwater Blvd to Oak Ridge Drive)

Project Length: 0.191 Miles

Roadway Classification: Major Collector

Project Schedule: September 2021 - Early 2023 Estimated Construction Cost: \$10.5 Million



#### October 2021 IN REVIEW

10/1/2021: DeNucci continued clearing the ROW on the east and west side of the existing bridge. Subcontractor Fuguay installed tree protection fencing and rock berms at various locations.

10/8/2021: DeNucci continue clearing and grubbing on the southeast corner of the project. Crews excavated the bore and receiving pit for the Fern Bluff wastewater line. Fuguay continued installing BMPs.

10/15/2021: Work was slow due to rain. Contractor excavated for bent 5 drill shafts for upcoming construction.

10/22/2021: Subcontractor HD Drilling bored and installed the Fern Bluff MUD wastewater line. DeNucci excavated and graded for riprap at the east side of existing bridge and for the box culvert at the northwest corner of Great Oaks and Brushy Creek. Fuguay repaired silt fence and added rock berms on the south side of Brushy Creek.

10/29/2021: DeNucci continued excavating on the east side of the existing bridge. Crews also placed embankment and asphalt for the shoofly along westbound at Brushy Creek west of Great Oaks.



Design Engineer: P.E. Structural Contractor: DeNucci Constructors Construction Observation: Tracy Cooper, HNTB

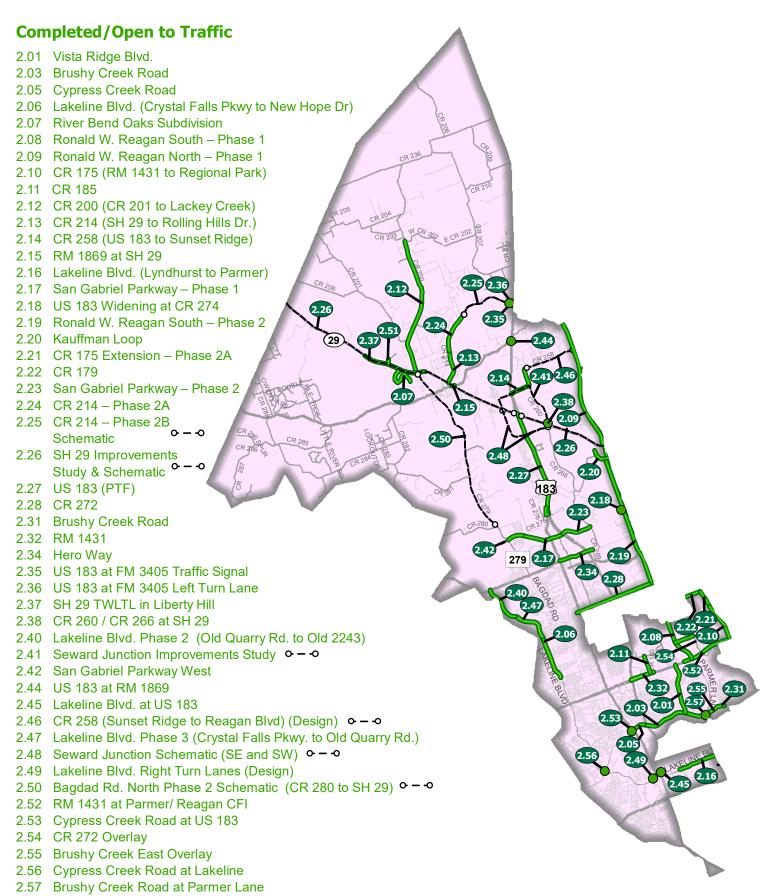
Williamson County Road Bond Program



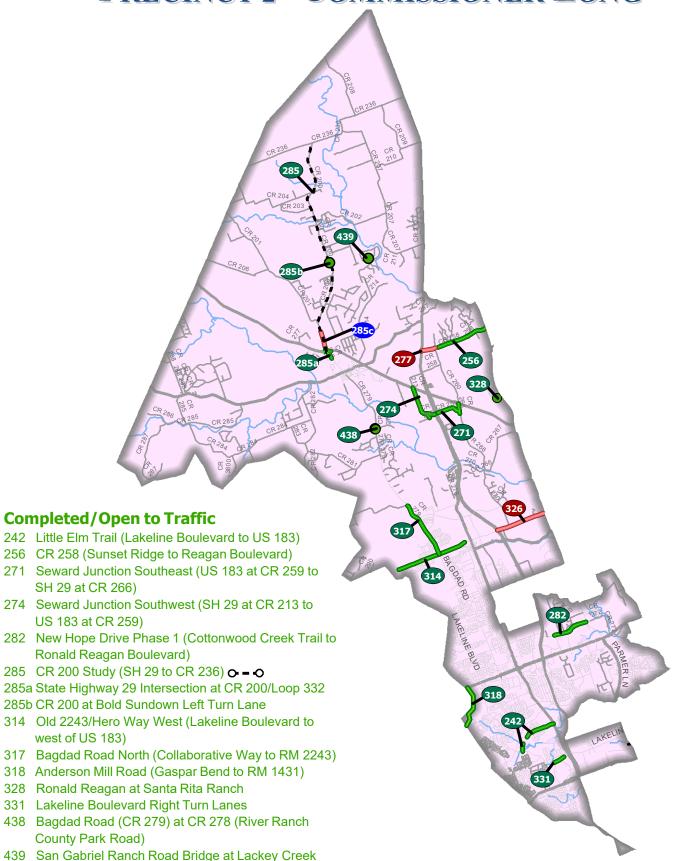
### Great Oaks Drive Improvements at Brushy Creek

Project No	. T4327						Original Contr	act Price =	\$10,580,634.11
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		<u>Total Bid</u> <u>Days</u>	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
6/30/2021	8/3/2021	9/3/2021	9/13/2021				585		585
Invoice Number 1	Beginning Date 9/1/2021	Ending Date 9/30/2021	<u>Days</u> <u>Charged</u> 30	<u>Current</u> <u>Invoice</u> \$299,881.08	Invoice Total \$299,881.08	Current Retainage \$3,320.12	Total Retainage \$3,320.12	% (\$) <u>Used</u> 3	<u>% Time</u> <u>Used</u> 30
9/30/2021	Comments -	Notice to Proce	eed on 9/3/21 v	with time charges	beginning 9/13/2	1.			
							Adjus	sted Price =	\$10,580,634.11

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



## 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 2 - COMMISSIONER LONG



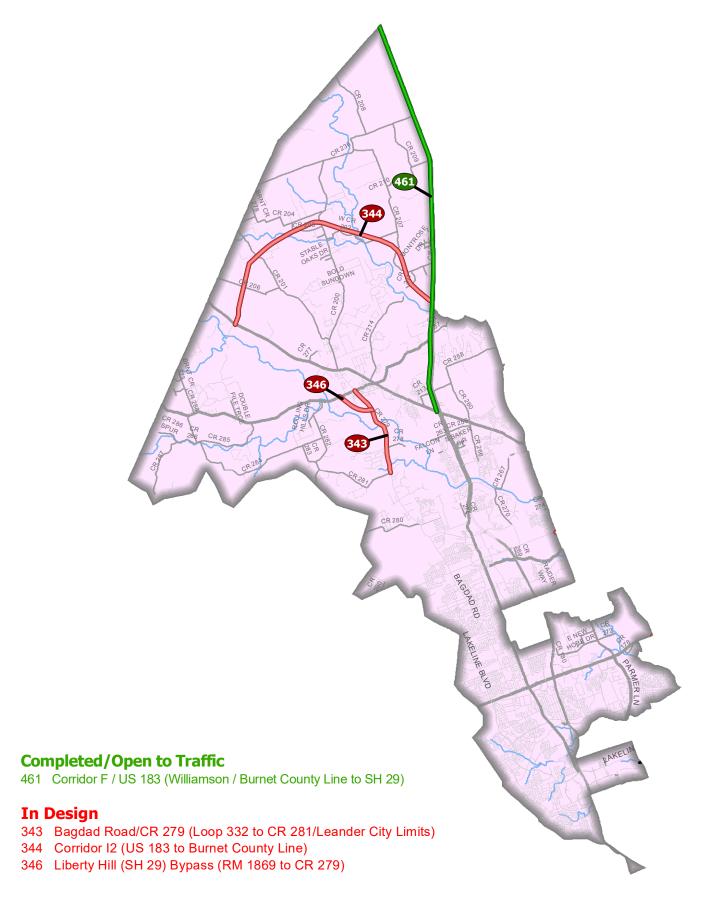
### **In Design**

277 CR 258 Extension (US 183 to Sunset Ridge Drive)

326 RM 2243 Realignment (183A to Southwest Bypass)

Under Construction / Bidding 285c CR 200 (CMTA Railroad to CR 201)

## 2019 ROAD BOND PROGRAM PROJECTS PRECINCT 2 - COMMISSIONER LONG



Letting	Award	Notice To	Begin	Substantial	Completion		Total Bid	<u>Days</u>	Total
		Proceed	Work	Completion	Certificate		<u>Days</u>	Added	<u>Days</u>
2/19/2018	3/5/2019	4/22/2019	5/2/2019	3/15/2021			600	84	684
Invoice	Beginning	Ending	<u>Days</u>	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	5/2/2019	6/30/2019	60	\$1,138,506.71	\$1,138,506.71	\$126,500.75	\$126,500.75	9	9
2	7/1/2019	7/31/2019	31	\$900,193.70	\$2,038,700.41	\$100,021.52	\$226,522.27	16	13
3	8/1/2019	8/31/2019	31	\$500,440.00	\$2,539,140.41	\$55,604.44	\$282,126.71	20	18
4	9/1/2019	9/30/2019	30	\$781,187.35	\$3,320,327.76	\$86,798.60	\$368,925.31	26	22
5	10/1/2019	10/31/2019	31	\$629,436.02	\$3,949,763.78	\$69,937.33	\$438,862.64	31	27
6	11/1/2019	11/30/2019	30	\$278,357.53	\$4,228,121.31	\$30,928.62	\$469,791.26	34	31
7	12/1/2019	12/31/2019	31	\$499,295.12	\$4,727,416.43	\$55,477.23	\$525,268.49	38	36
8	1/1/2020	1/31/2020	31	\$507,587.04	\$5,235,003.47	\$56,398.56	\$581,667.05	42	40
9	2/1/2020	2/29/2020	29	\$495,830.37	\$5,730,833.84	\$55,092.26	\$636,759.31	45	44
10	3/1/2020	3/31/2020	31	\$1,495,940.26	\$7,226,774.10	-\$256,402.78	\$380,356.53	54	49
11	4/1/2020	4/30/2020	30	\$925,168.98	\$8,151,943.08	\$48,693.11	\$429,049.64	61	53
12	5/1/2020	5/31/2020	31	\$751,064.06	\$8,903,007.14	\$39,529.68	\$468,579.32	67	58
13	6/1/2020	6/30/2020	30	\$728,210.17	\$9,631,217.31	\$38,326.85	\$506,906.17	72	62
14	7/1/2020	7/31/2020	31	\$418,630.14	\$10,049,847.45	\$22,033.17	\$528,939.34	76	67
15	8/1/2020	8/31/2020	31	\$266,456.21	\$10,316,303.66	\$14,024.01	\$542,963.35	78	71
16	9/1/2020	9/30/2020	30	\$216,227.68	\$10,532,531.34	\$11,380.40	\$554,343.75	79	76
17	10/1/2020	10/31/2020	31	\$121,663.91	\$10,654,195.25	\$6,403.38	\$560,747.13	80	80
18	11/1/2020	11/30/2020	30	\$386,714.53	\$11,040,909.78	\$20,353.38	\$581,100.51	83	85
19	12/1/2020	12/31/2020	31	\$188,106.89	\$11,229,016.67	\$9,900.37	\$591,000.88	84	89
20	1/1/2021	1/31/2021	31	\$110,227.19	\$11,339,243.86	\$5,801.43	\$596,802.31	85	94
21	2/1/2021	2/28/2021	28	\$371,751.27	\$11,710,995.13	\$19,565.85	\$616,368.16	88	98
22	3/1/2021	3/31/2021	15		\$11,878,163.45	\$8,798.34	\$625,166.50	89	100
23	4/1/2021	4/30/2021	0			-\$372,793.58	\$252,372.92	90	100
24	5/1/2021	5/31/2021	0		\$12,369,780.22	\$71.57	\$252,444.49	90	100
25	6/1/2021	6/30/1931	0		\$12,377,019.58	\$147.75	\$252,592.24	90	100
26	7/1/2021	8/31/2021	0		\$12,393,596.70	\$338.30	\$252,930.54	90	100

 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 2/28/2020
 \$112,306.36
 \$ 112,306.36

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 6/16/2020
 \$9,946.75
 \$ 122,253.11

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds a pay item to adjust existing manholes located within the ROW to match finish grade. The manholes are on the existing LCRA line that runs through the project. The manholes were shown in the plans but a bid item to cover the cost of the adjustments to these manholes were not included in the original plans.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 7/21/2020
 \$3,372.67
 \$ 125,625.78

2G: Differing Site Conditions (Unforseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for additional work to lower an existing wastewater line that is in conflict with the proposed driveway culvert located on CR 266 approximately 500 feet south of the SH 29 intersection on the east side of the roadway. The location of the line was not identified in the plans and the Contractor damaged the line while excavating for the driveway culvert. This work is located in the Seward Junction Southeast portion of the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 8/4/2020
 \$17,647.04
 \$ 143,272.82

2J: Differing Site Conditions (unforeseeable). Other. This Change Order adds Work Zone Pavement Mark Removeable pay items to the contract. The plans included Work Zone Pavement Mark Non-Removeable items that worked with the asphalt pavement section. Since the roadway is concrete paving, Work Zone Pavement Mark Removeable items needed to be added for the different phases and traffic switches called for in the plans. This applies to the Seward Junction Southeast portion of the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 8/4/2020
 \$272,222.65
 \$ 415,495.47

2G: Differing Site Conditions (Unforseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for additional work to install a new 6" and a new 8" wastewater line, a new 6" water line, and remove an existing wastewater vault that has been abandoned. The installation of the new underground utilities are necessary because the existing lines are in conflict with the proposed construction at the intersection of SH 29 and Seward Junction Southwest. The utilities belong to the City of Liberty Hill.

<sup>1</sup>A: Design Error or Omission. Incorrect PS&E. This change order revises items and quantities that were entered incorrectly or omitted in the bid tab for Seward Junction SW, Seward Junction SE and PEC Pond.

Change Order Number	Approved	Cost This CO	Total COs
06	10/6/2020	\$681.04	\$ 416,176,51

2C: Differing Site Conditions (unforseable) New development (conditions changing after PS&E completed). This Change Order adds the latest Guardrail End Treatment (MSKT) standard to the contract. 2E: Differeing Site Conditions. Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order adds work to extend a storm sewer pipe, revises the slope on some SET's from 4:1 to 3:1 (RFI 28), due to a change in the PGL of the roadway. A pipe underdrain system was added to the contract to address groundwater encountered during construction of the roadway (RFI #29). Construction Exit items that were not used on the project were deleted from the contract. This Change Order is for work in the Southeast portion of the project.

Change Order Number	<u>Approved</u>	Cost This CO	Total COs
07	2/2/2021	\$194,882.66	\$ 611,059.17

3F: County Convenience. Additional work desired by the County. This Change Order adds the reconstruction of a 500' portion of CR 260 from SH 29 to Terra del sol Parkway to the contract at the request of Williamson County.

Change Order Number	<u>Approved</u>	Cost This CO	Total COs
08	5/4/2021	\$91.592.30	\$ 702,651,47
Revisions and balancing of asphalt in		42.3-2-2	*,,,,
Change Order Number	<u>Approved</u>	Cost This CO	Total COs
	5/18/2021	(\$11,573,93)	\$ 691.077.54

 Change Order Number
 Approved
 Cost This CO
 Total COs

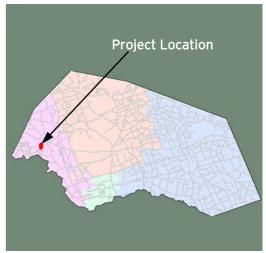
 10
 8/17/2021
 \$43,291.29
 \$ 734,368.83

Revisions and balancing of striping items.

2E: Differing Site Conditions (unforseeable). Miscellaneous difference in site conditions (unforseeable). This Change Order provides the final balancing for the overrun/underrun of Contract quantities for the small signs on the project as a result of addressing field conditions not accounted for in the original plans. 2I. Additional safety needs (unforeseeable): Small signs have been added to the project to provide additional safety measures.

Adjusted Price = \$14,004,626.93





## CR 200 Reconstruction (North of SH 29 to South of CR 201)

Project Length: .947 Miles Roadway Classification: Rural Collector

Project Schedule: November 2021 - September 2022 Estimated Construction Cost: \$4.9 Million



### October 2021 IN REVIEW

10/15/2021: Project was awarded to M.A. Smith Contracting, Inc.

10/22/2021: Preconstruction meeting was held on 10/25/21.

10/29/2021: Groundbreaking Ceremony was held on 10/27/21.

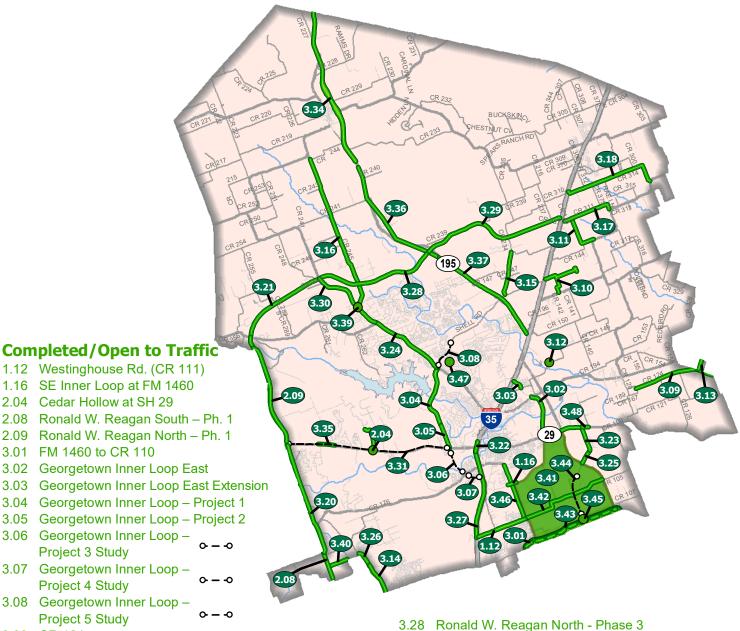


Design Engineer: Jones & Carter Contractor: M.A. Smith Contracting Construction Observation: Bruce Thurin. HNTB

Williamson County Road Bond Program



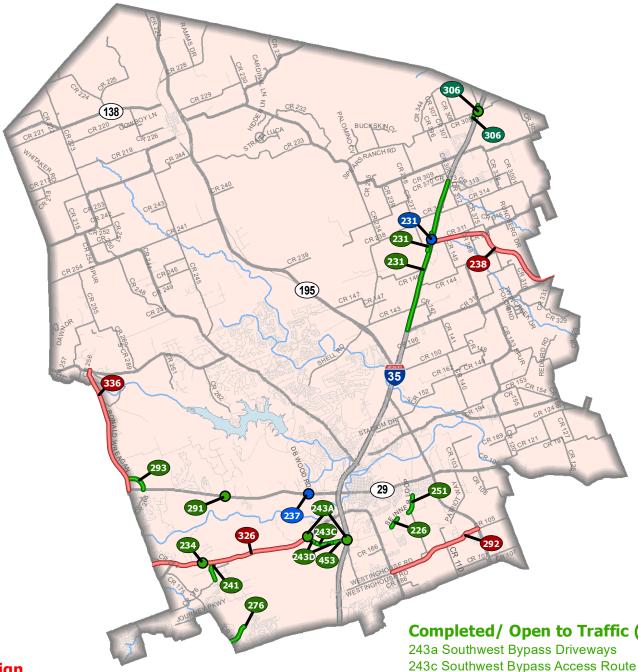
## 2006 ROAD BOND PROGRAM PROJECTS **PRECINCT 3 - COMMISSIONER COVEY**



- 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

- 3.29 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
- 3.41 CR 110 / Arterial A Study (design)
- 3.42 CR 111 / CR 105 Westinghouse Rd. (FM 1460 to SH 130) (design)
- 3.43 University Blvd. (Chandler Rd) Expansion (Design)
- 3.44 CR 110 North -
  - (North of CR 107 to North of Sam Houston) (Design)
- 3.45 CR 110 Middle (North of Limmer Loop to CR 107)
- 3.46 FM 1460 North
- 3.47 Madrid Drive Extension

## 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 3 - COMMISSIONER COVEY



### In Design

- 238 Ronald Reagan Boulevard Extension Planning (IH 35 to SH 95)
- 292 CR 111 / CR 105 Westinghouse (FM 1460 to SH 130)
- 326 RM 2243 Realignment (183A to Southwest Bypass)
- 336 Ronald Reagan Boulevard Widening (SH 29 to FM 3405)

### **Under Construction/Bidding**

- 231 Ronald Reagan Boulevard at IH 35 Bridge Replacement
- 237 SH 29 at DB Wood (Intersection Improvements)

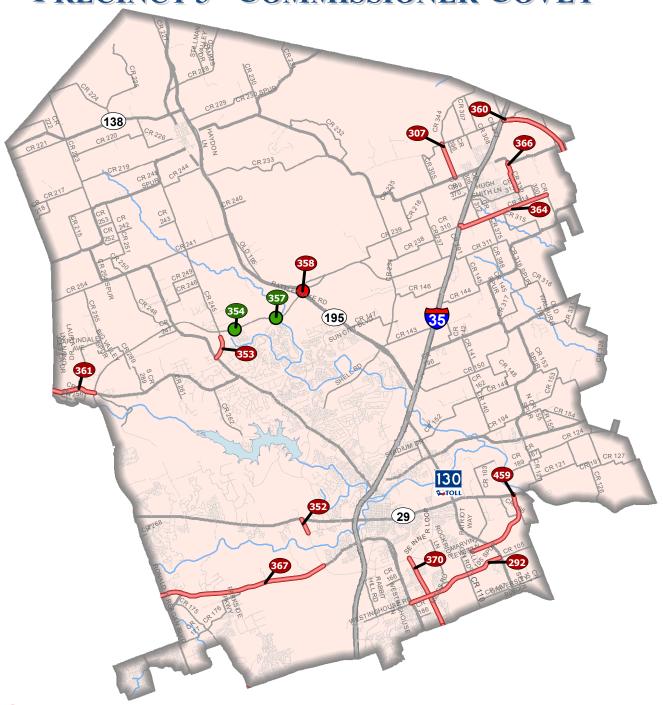
#### **Completed/ Open to Traffic**

- 226 Inner Loop Safety Improvements (Rockride Lane to Wilco Way)
- 231 IH 35 Ramp Reversal and Frontage Road Conversion (FM 972 to CR 312)
- 231 Relocation of 48" Williamson County Regional Raw Waterline Line B
- 234 RM 2243 at Escalera Parkway (Intersection Improvements)
- 241 CR 176 at RM 2243 Intersection (Safety Improvements) 27

### Completed/ Open to Traffic (con't)

- 243d Southwest Bypass Segment 2
  - (Southbound IH 35 to RM 2243)
- 251 Inner Loop Safety Improvements (Belmont Drive to Rockride Lane)
- 276 Arterial H Extension Phase 1 (CR 175 to Massey Way)
- 291 SH 29 at Cedar Hollow (Intersection Improvements)
- 293 Kauffman Loop Phase 1 Two Lanes (northeast quadrant of Reagan at SH 29)
- 306 CR 305 at IH 35 Bridge Replacement
- 306 Relocation of 48" Williamson County Regional Raw Waterline - Line A
- 453 Southwest Bypass Segment 1 (Southbound IH 35 to 0.5 miles west)

## 2019 ROAD BOND PROGRAM PROJECTS PRECINCT 3 - COMMISSIONER COVEY



### In Design

- 292 CR111/CR105 Westinghouse (FM 1460 to SH 130)
- 307 Bud Stockton Extension (CR 305 to FM 487)
- 352 Southwest Bypass Extension (SH 29 to Wolf Ranch Parkway)
- 353 CR 245 (North of RM 2338 to Ronald Reagan Boulevard)
- 358 SH 195 at Ronald Reagan Boulevard
- 360 Corridor E5 (Ronald Reagan Extension/Corridor D to IH 35/CR 305)
- 361 Corridor I1 (FM 3405) (Ronald Reagan Boulevard to US 183)
- 364 CR 314 Safety Improvement (IH 35 Northbound Frontage Rd to East of CR 3001)
- 366 CR 332 Realignment (South of FM 487 to North of CR 313)
- 367 RM 2243 (Ronald Reagan Boulevard to Southwest Bypass)
- 370 MoKan (Georgetown Inner Loop to University Boulevard)
- 459 Southeast Inner Loop Extension (Corridor C) (Sam Houston Avenue at Patriot Way to SH 29)

### **Completed/ Open to Traffic**

Ronald Reagan at Silver Spur BoulevardRonald Reagan at Sun City Boulevard

#### CR 176 at RM 2243 (RM 2243 at Parkside Parkway)

Change Order Number

Project No. 1901-285						C	riginal Contra	\$2,447,560.00	
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid	<u>Days</u> Added	<u>Total</u> <u>Days</u>
		Floceed	WOIK	Completion	Certificate		<u>Days</u>	Added	<u>Days</u>
1/8/2019	3/26/2019	7/26/2019	8/5/2019	7/10/2020	10/15/2020		229	60	289
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	8/5/2019	8/7/2019	3	\$72,005.40	\$72,005.40	\$8,000.60	\$8,000.60	3	1
2	8/8/2019	8/31/2019	24	\$182,903.40	\$254,908.80	\$20,322.60	\$28,323.20	10	9
3	9/1/2019	9/30/2019	30	\$256,030.43	\$510,939.23	\$28,447.83	\$56,771.03	19	20
4	10/1/2019	10/31/2019	31	\$404,602.62	\$915,541.85	\$44,955.84	\$101,726.87	34	30
5	11/1/2019	11/30/2019	30	\$172,401.65	\$1,087,943.50	\$19,155.74	\$120,882.61	41	41
6	12/1/2019	12/31/2019	31	\$49,862.16	\$1,137,805.66	\$5,540.24	\$126,422.85	43	52
7	1/1/2020	1/31/2020	31	\$4,983.70	\$1,142,789.36	\$553.75	\$126,976.60	43	62
8	2/1/2020	2/29/2020	29	\$350,483.90	\$1,493,273.26	-\$48,383.27	\$78,593.33	53	72
9	3/1/2020	3/31/2020	31	\$148,264.69	\$1,641,537.95	\$7,803.40	\$86,396.73	58	83
10	4/1/2020	4/30/2020	30	\$232,512.45	\$1,874,050.40	\$12,237.50	\$98,634.23	66	93
11	5/1/2020	5/31/2020	31	\$20,527.25	\$1,894,577.65	\$1,080.38	\$99,714.61	67	104
12	6/1/2020	6/30/2020	30	\$239,695.54	\$2,134,273.19	\$12,615.56	\$112,330.17	76	115
13	7/1/2020	7/31/2020	10	\$32,529.38	\$2,166,802.57	\$1,712.07	\$114,042.24	77	118
14	8/1/2020	8/31/2020	0	\$40,322.75	\$2,207,125.32	\$2,122.25	\$116,164.49	78	118
15	9/1/2020	9/30/2020	0	\$162,165.00	\$2,369,290.32	\$8,535.00	\$124,699.49	84	118
16	10/1/2020	10/31/2020	0	\$227,976.42	\$2,597,266.74	\$11,998.76	\$136,698.25	92	118
17	11/1/2020	11/30/2020	0	\$1,839.00	\$2,599,105.74	\$96.79	\$136,795.04	92	118
18	12/1/2020	4/30/2021	0	\$72,022.21	\$2,671,127.95	-\$82,282.22	\$54,512.82	92	118
7/31/2020	Comments -	Substantial Con	npletion was a	chieved on 7/10/2	20.				
hange Order Number Approved		Approved		•	Cost This CO			Total COs	
01			12/17/2019			\$208,869.67			\$ 208,869.6
Third Party	Accommodatio	n. Third party re	quested work.	This Change Ord	ler adds relocation	of the existing	Brushy Creek Mu	micipal Utility	District (BCMUI

\$63,776.63 6/16/2020 272,646.30 3F: County Convenience. Additional work desired by the County. This Change Order adds various items of work to the contract, including: removal of an existing driveway, a mail box turnout, a pedestrian curb ramp, wire mesh fencing and gates, realigns a ditch to improve drainage, widens driveway radii, water pumping, storm sewer pipe and safety end treatments at a driveway and milling of asphalt on RM 2243. 2E: County Convenience. Differing site conditions. Miscellaneous difference in site condition (unforeseeable). This change order compensates the contractor for work necessary to find the existing cave and removes a driveway along

Cost This CO

(\$204,858.75)

Approved

8/4/2020

RM 2243 that was constructed before the job started and not addressed in the plans. Change Order Number Approved Cost This CO Total COs \$

2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforseeable). This Change Order deletes the quantity for Item 162 Mulch Topdressing and Items 260 related to the Lime Treated Subgrade. The Contractor was able to salvage high quality topsoil from the project limits and reuse that material on the final project. The topsoil used did not require the addition of mulch to establish vegetation or prevent erosion. The Lime Treated Subgrade items were deleted due to the high quality of existing material encountered at subgrade elevation. Lab testing determined that the existing material contained a low enough PI that lime treatment of the subgrde was not necessary.

Cost This CO Total COs Change Order Number Approved 8/4/2020 \$452,885.58 520,673.13

3F: County Convenience. Additional work desired by the County. This Change Order adds a Shared Use Path to (SUP) the project at the request of the County. The path extends from RM 2243 (Leander Road) to CR 176 and is located along the west right of way. The SUP required a pedestrian crossing of Parkside Parkway on

> Adjusted Price = \$2,968,233.13

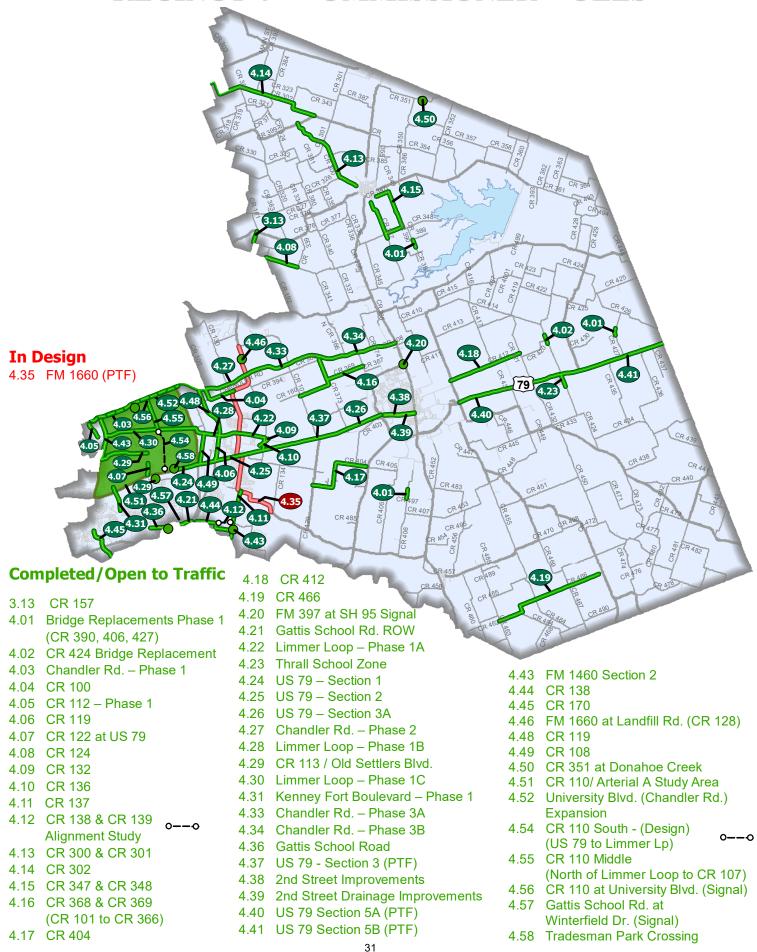
Total COs

67,787,55

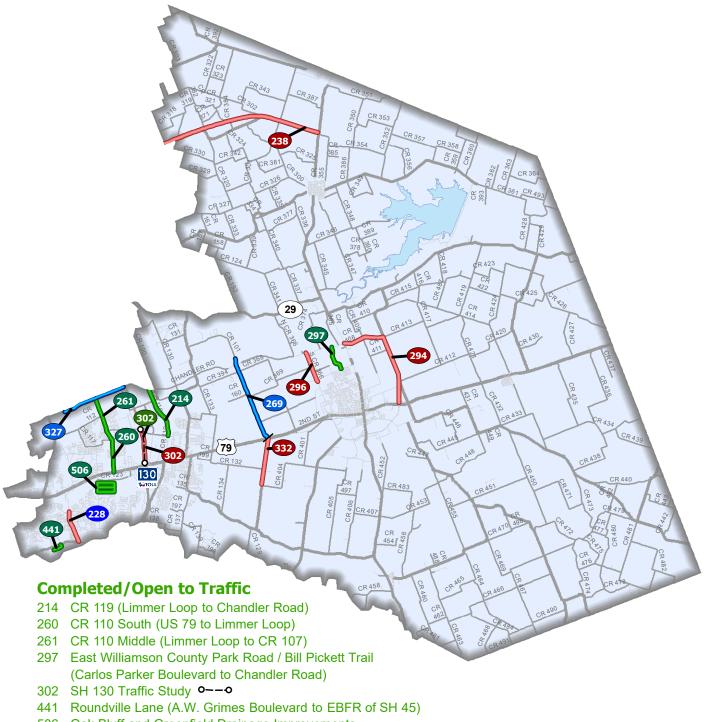
### Ronald Reagan at Silver Spur / Ronald Reagan at Sun City Intersections (Intersection Improvementst)

Project No. T1873							Original Contr	\$875,350.00	
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
10/6/2020	10/13/2020	11/24/2020	12/8/2020	6/11/2021			142		142
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	12/8/2020	12/30/2020	23	\$107,172.03	\$107,172.03	\$11,908.00	\$11,908.00	14	16
2	12/31/2020	1/31/2021	32	\$56,797.20	\$163,969.23	\$6,310.80	\$18,218.80	21	39
3	2/1/2021	3/31/2021	59	\$64,033.20	\$228,002.43	\$7,114.80	\$25,333.60	29	80
4	4/1/2021	5/31/2021	61	\$420,254.52	\$648,256.95	\$46,694.95	\$72,028.55	82	123
5	5/31/2021	6/25/2021	11	\$111,305.55	\$759,562.50	\$3,962.70	\$39,976.97	91	131
6	6/26/2021	8/10/2021	0	\$64,572.29	\$824,134.79	\$828.29	\$16,819.08	96	131
9/30/2021	Comments -	Substantial Cor	npletion was a	chieved on 6/11/2	:1.				
							Adius	ted Price =	\$875,350.00

## 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 4 - COMMISSIONER BOLES



## 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 4 - COMMISSIONER BOLES



506 Oak Bluff and Greenfield Drainage Improvements

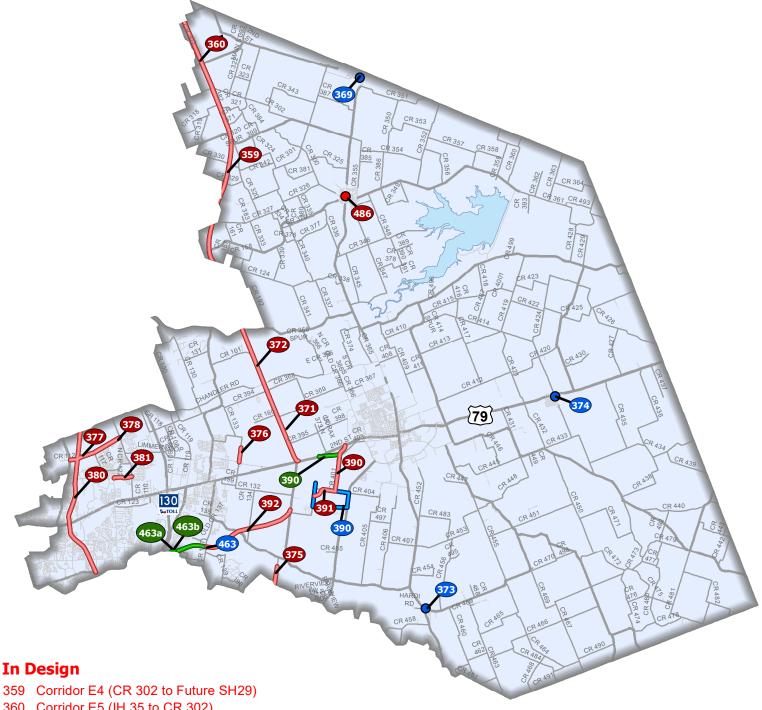
### **Under Construction/Bidding**

- 228 Kenney Fort Blvd Segments 2 and 3 (Forest Creek Boulevard to SH 45)
- 269 CR 101 (US 79 to North of Chandler Road)
- 327 University Boulevard (Chandler Road) Expansion (FM 1460 to SH 130)

### In Design

- 238 Ronald Reagan Boulevard Extension (IH 35 to SH 95)
- 294 Chandler Road Extension Phase 1 (Planning) (SH 95 to FM 619)
- 296 CR 366 Widening (Chandler Road to Carlos G. Parker Boulevard)
- 302 SH 130 Frontage Roads Phase 3 (SBFR US 79 to Limmer Loop)
- 332 FM 3349/US 79 Interchange

## 2019 ROAD BOND PROGRAM PROJECTS PRECINCT 4 - COMMISSIONER BOLES



- 360 Corridor E5 (IH 35 to CR 302)
- 371 Corridor E2 (Chandler Rd to US 79)
- 372 Corridor E3 (Future SH 29 to Chandler Rd)
- 375 CR 129 (South of Brushy Creek to North of the South Williamson County Line)
- 376 CR 134/CR 132 Extension (Hutto Arterial)
- 377 CR 112 Widening (FM 1460/A.W. Grimes to CR 117)
- 378 CR 112 Widening (CR 117 to CR 110)
- 380 MoKan (University Boulevard to SH 45)
- 381 Old Settlers Boulevard (North Red Bud Lane/CR 122 to CR 110) Completed/Open to Traffic
- 390 CR 401 Improvements
- 391 CR 404 Realignment
- 392 Southeast Loop Segment 2
- 486 Granger Project Davilla Street Culvert

### **Under Construction/Bidding**

- 369 Bartlett Street Project (Cottrell Street)
- 373 Coupland Street Project (S. Broad & Muery Streets)
- 374 Thrall Street Project S Bounds Street
- 390 Hutto Waterline Realignment
- 463 Southeast Loop (Corridor E1) (CR 138 to CR 137)

- 390 CR 401, CR 402, CR 404 Overlays
- 463a Southeast Loop (Corridor E1) Demolition Phase 1
- 463b Southeast Loop (Corridor E1) Demolition Phase 2

Change Order Number

materials (6'x4' box culvert) furnished by the County.

Project No.	1809-261						Original Cont	ract Price =	\$8,910,862.73
Letting	Award	Notice To	Begin	Substantial	Completion		Total Bid	<u>Days</u>	<u>Total</u>
		Proceed	Work	Completion	Certificate		<u>Days</u>	Added	<u>Days</u>
12/14/2018	2/5/2019	4/26/2019	5/6/2019	10/20/2020	6/29/2021		390	144	534
Invoice	Beginning	Ending	<u>Days</u>	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	5/6/2019	5/31/2019	26	\$719,064.06	\$719,064.06	\$79,896.01	\$79,896.01	9	5
2	6/1/2019	6/30/2019	30	\$327,805.09	\$1,046,869.15	\$36,422.78	\$116,318.79	13	10
3	7/1/2019	7/31/2019	31	\$406,884.79	\$1,453,753.94	\$45,209.43	\$161,528.22	17	16
4	8/1/2019	8/31/2019	31	\$391,244.33	\$1,844,998.27	\$43,471.59	\$204,999.81	22	22
5	9/1/2019	9/30/2019	30	\$88,385.54	\$1,933,383.81	\$9,820.61	\$214,820.42	23	28
6	10/1/2019	10/31/2019	31	\$295,167.52	\$2,228,551.33	\$32,796.39	\$247,616.81	27	34
7	11/1/2019	11/30/2019	30	\$424,033.35	\$2,652,584.68	\$47,114.82	\$294,731.63	32	39
8	12/1/2019	12/31/2019	31	\$511,268.18	\$3,163,852.86	\$56,807.57	\$351,539.20	38	45
9	1/1/2020	1/31/2020	31	\$385,342.62	\$3,549,195.48	\$42,815.85	\$394,355.05	42	51
10	2/1/2020	2/29/2020	29	\$514,688.36	\$4,063,883.84	\$57,187.60	\$451,542.65	49	56
11	3/1/2020	3/31/2020	31	\$344,124.14	\$4,408,007.98	\$38,236.01	\$489,778.66	53	62
12	4/1/2020	4/19/2020	19	\$293,737.21	\$4,701,745.19	\$32,637.47	\$522,416.13	56	66
13	4/20/2020	5/19/2020	30	\$277,306.64	\$4,979,051.83	\$30,811.87	\$553,228.00	60	71
14	5/20/2020	6/24/2020	36	\$726,652.00	\$5,705,703.83	\$80,739.12	\$633,967.12	68	78
15	6/25/2020	7/25/2020	31	\$410,122.34	\$6,115,826.17	\$45,569.15	\$679,536.27	73	84
16	7/26/2020	8/25/2020	31	\$254,747.98	\$6,370,574.15	\$28,305.33	\$707,841.60	76	90
17	8/26/2020	9/23/2020	29	\$111,839.24	\$6,482,413.39	\$12,426.58	\$720,268.18	77	95
18	9/24/2020	10/25/2020	27	\$962,394.02	\$7,444,807.41	-\$568,333.33	\$151,934.85	82	100
19	10/26/2020	11/25/2020	0	\$88,804.62	\$7,533,612.03	\$1,812.34	\$153,747.19	83	100
20	11/26/2020	12/27/2020	0	\$50,446.95	\$7,584,058.98	\$1,029.53	\$154,776.72	83	100
21	12/28/2020	1/31/2021	0	\$33,416.21	\$7,617,475.19	\$681.96	\$155,458.68	84	100
22	2/1/2021	2/28/2021	0	\$44,523.85	\$7,661,999.04	\$908.65	\$156,367.33	84	100
23	3/1/2021	3/31/2021	0	\$547,703.24	\$8,209,702.28	\$11,177.62	\$167,544.95	90	100
24	4/1/2021	4/30/2021	0	\$69,299.54	\$8,279,001.82	\$1,414.28	\$168,959.23	91	100
25	5/1/2021	5/31/2021	0	\$10,190.46	\$8,289,192.28	\$207.96	\$169,167.19	91	100
26	6/1/2021	8/31/2021	0	\$64,415.21	\$8,353,607.49	\$1,314.60	\$170,481.79	92	100
9/10/2021	Comments -	Certificate of C	ompletion issu	ued for 6/29/21.					

01 10/8/2019 \$66,291.83 \$ 66,291.83 \$ 66,291.83

1A: Design Error or Omission. Incorrect PS&E. This Change Order revises items and quantities for the traffic signals. 3F: County Convenience. Additional work desired by the County. This Change Order adds items for temporary sediment control fencing (install and remove) and documents the credit to the contract for

Cost This CO

Total COs

Approved

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 12/17/2019
 \$31,881.14
 \$ 98,172.97

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). This Change Order provides grading of the Limmer Loop ditch at CR 110, due to communication utility conflicts not being adjusted for the previous CR 110 South project. The ditch work must be completed, prior to construction of the requested driveway for the new corner store. The driveway permit has already been submitted to the County by the Developer.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 7/21/2020
 \$10,419.60
 \$ 108,592.57

3F: County Convenience. Additional work desired by the County. This Change Order adds Traffic Control Phase 2 Step 2 to the project. This step consists of shifting traffic from the existing lanes to the new lanes f rom just south of CR 112 to the north end of the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 12/8/2020
 \$3,266.23
 \$ 111,858.80

3L: County Convenience. Revising safety work/measures desired by the County. This Change Order adds a new item to pay the Contractor to repair the guard rail end treatment on southbound CR 110, south of CR 112. This is within the construction project limits.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 3/16/2021
 (\$11,737.85)
 \$ 100,120.95

2E: Differing Site Conditions (unforseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds improvements to drainage and new side street intersections to the project. 3L: County Convenience. Revising safety work/measures desired by the County. This Change Order deletes lime from the pavement section, adds item to pay for police used during traffic control, and repairs damage to a signal controller and repairs potholes in the existing pavement. 4B: Third Party Accommodation. Third party requested work. This change order adds fittings to the Jonah Water line.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 2/2/2021
 \$46,375.56
 \$ 146,496.51

3E: County Convenience. Reduction of future maintenance. This Change Order adds pay items to compensate the Contractor to mill and repave a portion of existing University Boulevard that was not called out to be overlayed in the plans.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 3/16/2021
 \$6,519.31
 \$ 153,015.82

3F: County Convenience. Additional work desired by the County. This Change Order adds a pay item to compensate the Contractor to remove additional structures in the right of way along CR 110 north of the project.

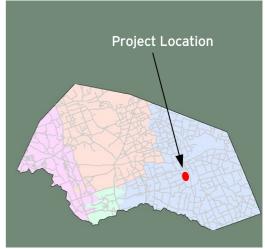
 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 3/16/2021
 \$233,343.80
 \$ 386,359.62

6C: Untimely ROW/Utilities. Utilities not clear. This Change Order adds a pay item to compensate the Contractor for extended project overhead costs caused by delays to the utility relocation.

Adjusted Price = \$9,297,222.35





#### **CR 101**

(US 79 to north of Chandler Road)

Project Length: 3.76 Miles

Roadway Classification: Rural Collector

Project Schedule: July 2020 - December 2021 Estimated Construction Cost: \$13 Million



#### October 2021 IN REVIEW

10/1/2021: Crews continued forming and began pouring concrete for the cattle guard at Little Mustang Creek. The old box culvert at the South Fork of Mustang Creek was removed and the old CR 101 was excavated from the South Fork of Mustang Creek to the north.

10/8/2021: Crews completed forming and pouring concrete for the cattle guard at Little Mustang Creek and placed the pipe for the cattle guard. The old CR 101 was excavated from the South Fork of Mustang Creek to the north.

10/15/2021: Crews poured concrete for the rip rap flume on the east side of the right of way near the ski lakes. Subcontractor Primate Construction grooved the Little Mustang Creek bridge deck.

10/22/2021: Crews placed drainage pipe at driveways 21 through 25 from the middle of the project to the north end of the project. The area inlet was installed and the rest of the pipe was placed for Culvert 5 near the southwest corner of the CR 160 intersection.

10/29/2021: The inverts and collars were poured for the area inlet at Culvert 5 near the southwest corner of the CR 160 intersection.





Design Engineer: BGE, Inc. Contractor: James Construction Construction Observation: Kyle McCoy, HNTB

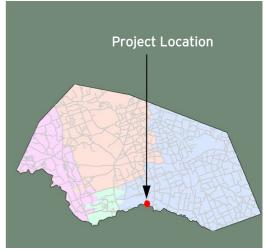
Williamson County Road Bond Program

Project No.	2138						Original Cont	ract Price =	\$13,092,842.00
Letting	Award	Notice To	Begin	Substantial	Completion		Total Bid	<u>Days</u>	<u>Total</u>
		Proceed	Work	Completion	Certificate		<u>Days</u>	Added	<u>Days</u>
10/10/2019	11/5/2019	6/26/2020	7/6/2020				540		540
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	7/6/2020	7/25/2020	20	\$366,881.43	\$366,881.43	\$40,764.60	\$40,764.60	3	4
2	7/26/2020	8/30/2020	36	\$2,072,374.48	\$2,439,255.91	\$230,263.83	\$271,028.43	21	10
3	8/31/2020	9/23/2020	24	\$66,831.99	\$2,506,087.90	\$7,425.78	\$278,454.21	21	15
4	9/24/2020	10/25/2020	32	\$531,044.64	\$3,037,132.54	\$59,004.96	\$337,459.17	26	21
5	10/26/2020	11/29/2020	35	\$424,017.35	\$3,461,149.89	\$47,113.04	\$384,572.21	30	27
6	11/30/2020	12/27/2020	28	\$709,324.00	\$4,170,473.89	\$78,813.77	\$463,385.98	36	32
7	12/28/2020	1/27/2021	31	\$294,970.38	\$4,465,444.27	\$32,774.49	\$496,160.47	38	38
8	2/1/2021	2/28/2021	28	\$293,948.14	\$4,759,392.41	\$32,660.91	\$528,821.38	41	43
9	3/1/2021	3/31/2021	31	\$367,172.81	\$5,126,565.22	\$40,796.97	\$569,618.35	44	49
10	4/1/2021	4/30/2021	30	\$421,691.16	\$5,548,256.38	\$46,854.58	\$616,472.93	47	55
11	5/1/2021	5/31/2021	31	\$703,963.56	\$6,252,219.94	\$78,218.17	\$694,691.10	53	60
12	6/1/2021	6/30/2021	30	\$348,806.38	\$6,601,026.32	\$38,756.27	\$733,447.37	56	66
13	7/1/2021	7/31/2021	31	\$450,541.31	\$7,051,567.63	\$50,060.14	\$783,507.51	60	72
14	8/1/2021	8/31/2021	31	\$759,767.66	\$7,811,335.29	\$84,418.63	\$867,926.14	67	77
15	9/1/2021	9/30/2021	30	\$572,768.63	\$8,384,103.92	\$63,640.93	\$931,567.07	71	83
16	10/1/2021	10/31/2021	31	\$731,491.99	\$9,115,595.91	-\$451,798.89	\$479,768.18	74	89
7/31/2020	Comments -	The Notice to P	roceed was is	ssued 6/26/20 with	Time Charges b	eginning on 7/6/	2020.		
Change Order N	Number		Approved			Cost This CO			Total COs
01			9/14/2021			139,570.57			\$ 139,570.57
				unty. This Change 4, and use of full-		-			_
Change Order N	Number		Approved			Cost This CO			Total COs
02			9/14/2021			87,600.15			\$ 227,170.72
				unty. This Chang bores and water m			the method of ins	tallation of the 2	24" waterline
Change Order N	Number		<u>Approved</u> 9/28/2021			Cost This CO 81,281.83			Total COs \$ 308,452.55
3B: County Con			ement. This c	hange order chang and adds a sixth v		section from typ			phalt at south end
Change Order N			Approved		-	Cost This CO	-		Total COs
04			9/28/2021			(366,519.81)			\$ (58,067.26)

<sup>3</sup>C. County Convenience. Implementation of a Value Engineering finding. This Change Order removes quantities for various Jonah Water SUD water line items, due to an alignment shift at the southern end of the project at the US 79 intersection. 3F. County Convenience. Additional work desired by the County. This change order adds a force account item to the contract to compensate the contractor for pavement repairs in the roadway and to perform grading to prevent future saturation.

Adjusted Price = \$13,034,774.74





**Southeast Loop Segment 1, Phase 1** (Northbound Frontage of SH 130 to CR 137)

Project Length: 1.848 Miles

Roadway Classification: Rural Collector

Project Schedule: July 2021 - January 2023 Estimated Construction Cost: \$11.7 Million



### October 2021 IN REVIEW

10/1/2021: James Construction (JCG) poured the concrete leveling pad for MSE Retaining Wall 4 and began forming for the MSE Wall 5 leveling pad. The Bridge Church began removal of their property within the ROW.

10/8/2021: JCG poured the concrete leveling pad for MSE Retaining Wall 5. Subcontractor GK Construction began tying steel for the SCS Pond Bridge drill shafts.

10/15/2021: JCG poured the concrete leveling pad for MSE Retaining Wall 5, 6, and part of 7. They also began installing the underdrain for MSE Retaining Wall 4 and 5. Subcontractor GK Construction continued tying drill shaft cage for the SCS Pond Bridge and began tying steel for the Tributary Bridge.

10/22/2021: JCG poured the bottom half of the concrete leveling pad for MSE Retaining Wall 7. Crews installed the underdrain for MSE walls 4 and 5 and began installing panels for MSE Wall 4.

10/29/2021: JCG set the first row of panels for Wall 4. Subcontractor Beaird Drilling drilled and placed concrete for drill shafts 1-4 on bents 2 and 3 of the bridge at SCS Pond 21.





Design Engineer: RTG Contractor: James Construction Construction Observation: Kyle McCoy, HNTB

Williamson County Road Bond Program

### Project Name: Southeast Loop Segment 1, Phase 1

Project No				Original Contract Price =		\$11,526,789.09			
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
3/30/2021	4/27/2021	7/12/2021	7/19/2021				534	24	558
Invoice	Beginning	Ending	Days	Current	Invoiced	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	7/19/2021	8/31/2021	44	\$767,411.06	\$767,411.06	\$85,267.90	\$85,267.90	7	8
2	9/1/2021	9/30/2021	30	\$328,739.28	\$1,096,150.34	\$36,526.58	\$121,794.48	10	13
3	10/1/2021	10/31/2021	31	\$221,811.16	\$1,317,961.50	\$24,645.69	\$146,440.17	13	19
7/31/2021	Comments -	Time Charges b	oegan on 7/19/	21.					
Change Order Number Approved		Cost This CO				Total COs			
01			8/3/2021			148,710.35			148,710.35

<sup>6</sup>B. This Change Order adds the installation of barbed wire fence and gates along the north and south sides of the right of way on the Wolfe property. The Contractor will not be able to start work until the fence is installed. Twenty four (24) days are being added to the contract to compensate the contractor for this impact.

Adjusted Price = \$11,675,499.44





County Road Paving (CR 401, CR 402, CR 404)

Project Length: 1.956 Miles Roadway Classification: Rural Local

Project Schedule: October 2021 - Late 2021 Estimated Construction Cost: \$.92 Million



### October 2021 IN REVIEW

10/1/2021: Texas Materials completed the paving on CR 404 at FM 973 and placed the Type B hot mix asphalt on CR 401.

10/8/2021: Texas Materials completed the paving on the project.

10/15/2021: No work was performed this week.

10/22/2021: No work was performed this week.

10/29/2021: No work was performed this week.



Design Engineer: HNTB Corporation Contractor: Texas Meterials Group, Inc. Construction Observation: Steven Shull, HNTB

Williamson County Road Bond Program



### **County Road Paving (CR 401, 402, 404)**

Project No	. T4320						Original Contr	act Price =	\$922,709.84
<u>Letting</u>	Award	Notice To Proceed	Begin Work	Substantial Completion	Completion Certificate		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
8/27/2021	9/14/2021	9/27/2021	10/7/2021				84		84
<u>Invoice</u> <u>Number</u> 1	Beginning Date 10/7/2021	Ending Date 10/29/2021	Days Charged 23	<u>Current</u> <u>Invoice</u> \$756,349.89	<u>Invoice</u> <u>Total</u> \$756,349.89	Current Retainage \$39,807.89	Total Retainage \$39,807.89	% (\$) <u>Used</u> 86	% Time <u>Used</u> 27
9/27/2021	Comments -	Notice to Proce	ed on 9/27/21	with time charge	s beginning 10/7/	21.			
							Adjus	sted Price =	\$922,709.84