

# ROAD BOND & PASS THROUGH FINANCING

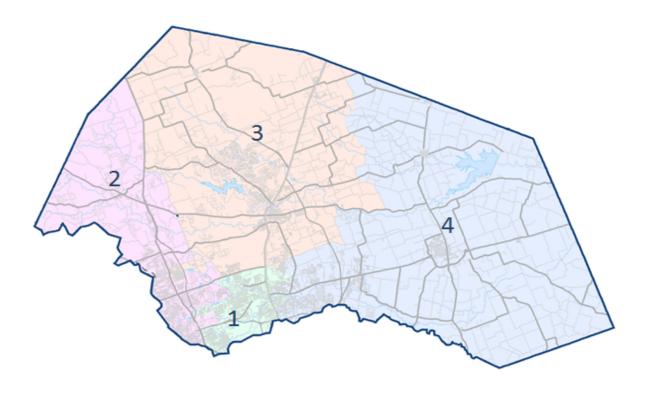
**Construction Summary Report** 

County Judge Dan Gattis

Commissioners Terry Cook Cynthia Long Valerie Covey Larry Madsen **June 2017** 

WWW.ROADBOND.ORG

Volume XVI - Issue No.06



Presented By:



PRIME STRATEGIES, INC.



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## WILLIAMSON COUNTY **ROAD BOND PROGRAM**

### COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MAY 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

### recinct

- 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 MAY 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**

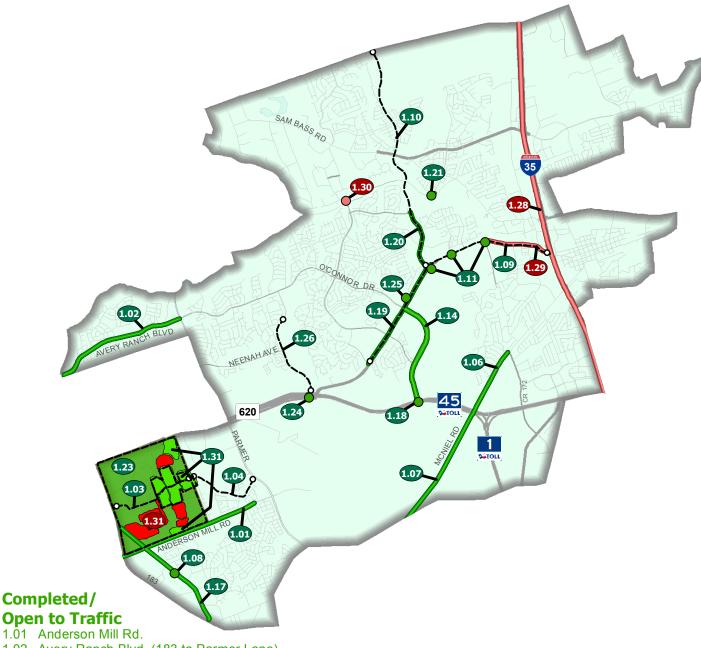
### COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MAY 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

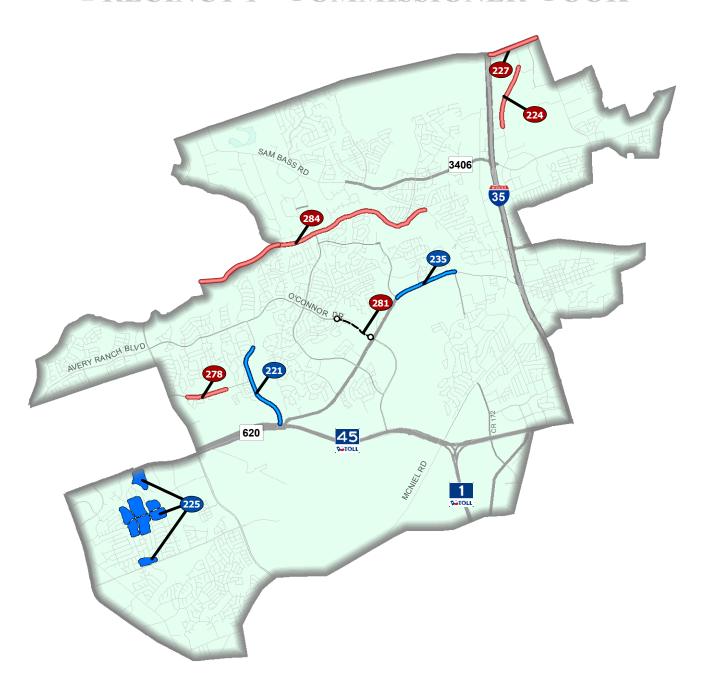
## 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 1 - COMMISSIONER COOK



- 1.02 Avery Ranch Blvd. (183 to Parmer Lane)
- 1.03 Lake Creek Drainage Phase 1 •--•
- 1.04 Lake Creek Drainage Phase 2 o--o
- 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)

- 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

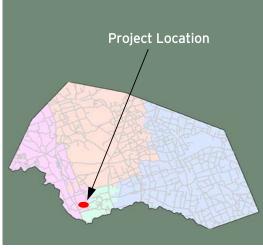


### **Under Construction/Bidding**

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

- 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



#### **MAY 2017 IN REVIEW**

**5/05/2017:** DeNucci Constructors completed installing the 36" storm pipe in the Fisher/Tyrone easement and continued with the 36" RCP installation on Meadhowheath in the Stillforest Zone. Water services were lowered to properties along Meadowheath.

**5/12/2017:** The Contractor continued with the 36" RCP installation and completed installation of wastewater services on Meadhowheath in the Stillforest Zone. Prep work began for the water line connections in the same zone.

**5/19/2017:** The 36" RCP installation continued in the Stillforest Zone. Subcontractor Sisk/Robb removed Asbestos Concrete Pipe in the Stillforest Zone. All the proposed water adjustments have been connected in the Stillforest zone. Subcontractor Jenkins monitored the Asbestos Concrete Pipe removal.

**5/26/2017:** The 36" RCP installation was completed and the 18" and 24" RCP installation began in the Stillforest Zone.



Design Engineer: K Friese and Cobb

Fendley

Contractor: DeNucci Constructors

Construction Observation: Ryan Rivera, HNTB





PRIME STRATEGIES, INC. Williamson County Road Bond Program

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

Project No.	1604-068					(	Original Contr	act Price =	\$3,556,659.50
Letting	<u>Award</u>	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
6/9/2016	7/1/2016	8/1/2016	8/11/2016				600	5	605
Invoice	Beginning	Ending	Days	Current	Invoice	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	8/11/2016	8/31/2016	21	\$152,734.50	\$152,734.50	\$16,970.50	\$16,970.50	5	3
2	9/1/2016	9/30/2016	30	\$208,685.70	\$361,420.20	\$23,187.30	\$40,157.80	11	8
3	10/1/2016	10/31/2016	31	\$266,921.68	\$628,341.88	\$29,657.96	\$69,815.76	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	30	24
6	1/1/2017	1/31/2017	31	\$231,302.70	\$1,219,430.77	\$25,700.30	\$135,492.31	37	29
7	2/1/2017	2/28/2017	28	\$304,664.67	\$1,524,095.44	\$33,851.63	\$169,343.94	46	33
8	3/1/2017	3/31/2017	31	\$191,005.20	\$1,715,100.64	\$21,222.80	\$190,566.74	52	39
9	4/1/2017	4/30/2017	30	\$172,795.55	\$1,887,896.19	\$19,199.50	\$209,766.24	58	43
10	5/1/2017	5/31/2017	31	\$229,295.62	\$2,117,191.81	\$25,477.30	\$235,243.54	65	49
Change Order 1	Number		Approved			Cost This CO			Total COs
01			3/21/2017			31,806.00			31,806.00

<sup>1</sup>A: 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.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 5/23/2017
 58,006.83
 89,812.83

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

Adjusted Price = \$3,646,472.33





## Pearson Ranch Road (Iveans Way to SH 45 ROW)

Project Length: 1.3 Miles Roadway Classification: Minor Arterial

Project Schedule: November 2016 - October 2017 Estimated Construction Cost: \$4.4 Million



#### **MAY 2017 IN REVIEW**

**5/05/2017:** Jimmy Evans continued to backfill sidewalk/curb and place topsoil from the Round Rock Bus Garage (RRBG) north. Subcontractor Greater Austin set forms, tied steel and placed concrete for three of the retaining wall footings in the detention pond section of the water quality pond. Traffic was switched to the outside lanes of Neenah at Pearson Ranch. The inside lanes were closed to facilitate the construction of the intersection. Flexbase was placed and processed.

**5/12/2017:** Subcontractor Greater Austin continued to set forms, tie steel and place concrete for the north and south retaining wall footings. Flexbase was placed and processed along the northbound lanes south of the RRBG. Manhole adjustments to finished grade began from Iveans Way north.

**5/19/2017:** Subcontractor Greater Austin placed concrete for curb along the northbound lanes and sidewalk along the southbound lanes. Final grading began for flexbase from the RRBG to the north end of the project.

**5/26/2017:** Subcontractor Greater Austin continued to set forms, tie steel and place concrete for retaining walls. Greater Austin placed concrete for curb and sidewalk. Manholes were adjusted to finished grade from the RRBG north.



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

Williamson County Road Bond Program





PRIME STRATEGIES, INC.

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

Project No.	1607-102					(	Original Contr	act Price =	\$4,516,178.77
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
9/20/2016	10/11/2016	11/18/2016	11/28/2016				330	0	330
Invoice	Beginning	Ending	Days	Current	Invoice	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	11/28/2016	11/30/2016	3	\$195,710.04	\$195,710.04	\$21,745.56	\$21,745.56	5	1
2	12/1/2016	12/31/2016	31	\$243,555.13	\$439,265.17	\$27,061.68	\$48,807.24	11	10
3	1/1/2017	1/31/2017	31	\$202,139.71	\$641,404.88	\$22,459.97	\$71,267.21	16	20
4	2/1/2017	2/28/2017	28	\$508,271.85	\$1,149,676.73	\$56,474.65	\$127,741.86	29	28
5	3/1/2017	3/31/2017	31	\$369,038.84	\$1,518,715.57	\$41,004.32	\$168,746.18	38	38
6	4/1/2017	4/30/2017	30	\$330,336.72	\$1,849,052.29	\$36,704.08	\$205,450.26	46	47
7	5/1/2017	5/31/2017	31	\$492,086.42	\$2,341,138.71	-\$82,232.43	\$123,217.83	56	56
Change Order N	Number		Approved			Cost This CO			Total COs
01			5/16/2017			-92,621.70			-92,621.70

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

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 6/13/2017
 11,553.00
 -81,068.70

Adjusted Price = \$4,435,110.07

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





## 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



#### **MAY 2017 IN REVIEW**

**5/05/2017:** Cox Commercial Construction continued to install Storm Trooper water treatment devices along curb line of the south ROW. Dirt crews placed additional lifts of flexbase on completed subgrade on the east end. Subcontractor Austin Traffic Signal installed signal conduit at Oakwood Drive.

**5/12/2017:** The Storm Trooper devices installation was completed. Dirt crews continued placing flexbase across from Oakwood east and excavated and embanked material to subgrade on the west end. Subcontractor Austin Traffic Signal (ATS) installed conduit at Oakwood Drive and the Hospital driveway. ATS activated the temporary traffic signals at the Oakwood intersection.

**5/19/2017:** Dirt crews continued placing flexbase in various locations. Subcontractor ATS placed poles for temporary signals at the Hospital driveway intersection and Deep Wood Drive. ATS removed the old signals at the Oakland intersection.

**5/26/2017:** Storm sewer pipe was installed across the existing eastbound lanes. Subcontractor ATS placed temporary signals at the Hospital driveway and drilled foundations for the permanent signals at Oaklands Dr.



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

Williamson County Road Bond Program

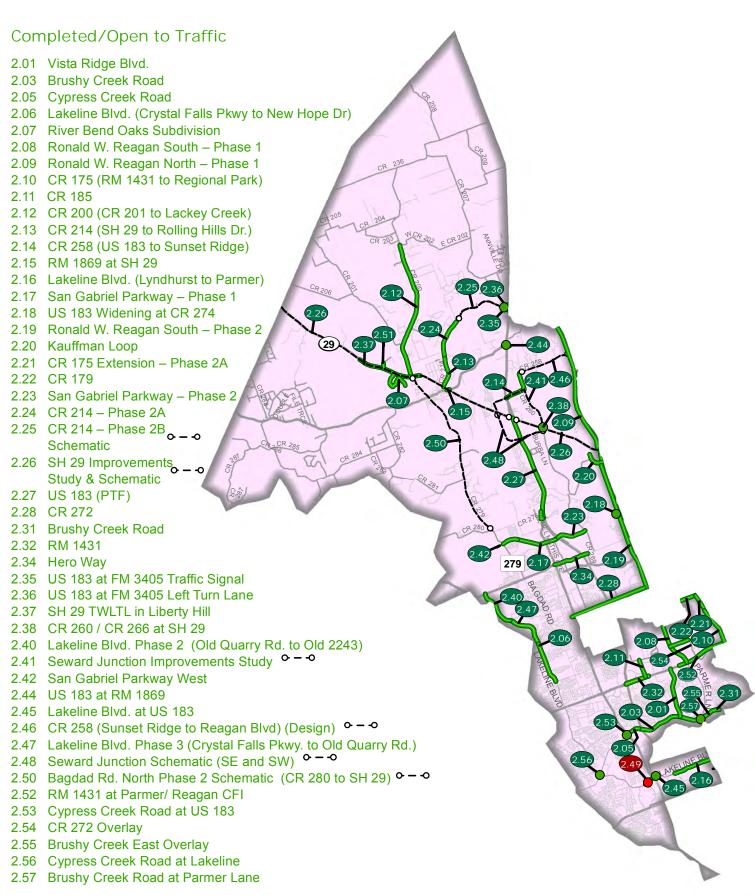




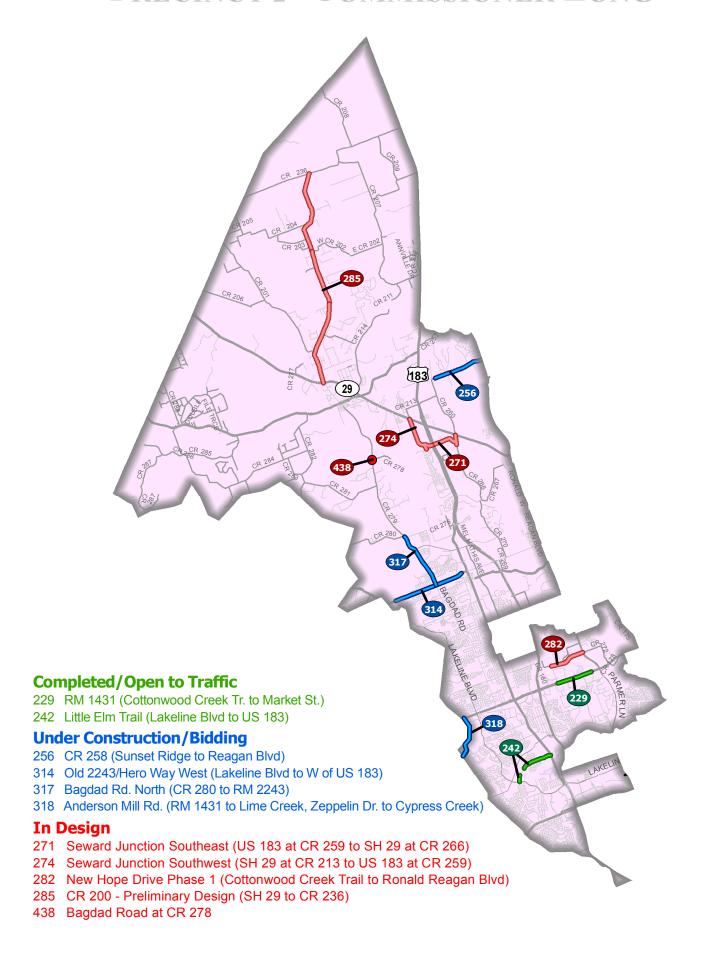
PRIME STRATEGIES, INC.

	. 1608-108	ements (Co	rnerwood	to Wyoming	Springs)		Original Cont	ract Price =	\$6,082,225.70
<u>Letting</u> 9/28/2016	<u>Award</u> 11/30/2016	Notice To Proceed 1/3/2017	Begin Work 1/13/2017	Substantially Complete	Work Accepted		Total Bid Days 425	Days Added 0	Total Days 425
<i>)/26/2010</i>	Invoice	Beginning	Ending	Days	Current	Invoice	% (\$)	% Time	423
	Number	Date	Date	<u>Days</u> Charged	Invoice	Total	Used	Used	
	1	1/13/2017	1/31/2017	19	\$459,169.50	\$459,169.50	8	4	
	2	2/1/2017	2/28/2017	28	\$280,194.00	\$739,363.50	12	11	
	3	3/1/2017	3/31/2017	31	\$389,047.00	\$1,128,410.50	19	18	
	4	4/1/2017	4/30/2017	30	\$516,962.84	\$1,645,373.34	27	25	
	5	5/1/2017	5/31/2017	31	\$285,725.66	\$1,931,099.00	32	33	
							Adjı	sted Price =	\$6,082,225.70

# 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 2 - COMMISSIONER LONG



# 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 2 - COMMISSIONER LONG







#### CR 258

(Sunset Ridge to Ronald Reagan Blvd.)

Project Length: 1.75 Miles

Roadway Classification: Suburban Collector

Project Schedule: July 2016 - August 2017 Estimated Construction Cost: \$6 Million



#### **MAY 2017 IN REVIEW**

**5/05/2017:** Chasco Constructors excavated to subgrade from Ronald Reagan to east of Culvert 2 and placed embankment at Culvert 2. Flexbase was placed from west of Culvert 2 to west of Rockhouse Drive. Steel was tied for Culvert 1 and concrete placed for the downstream headwall.

**5/12/2017:** Subgrade was prepped for flexbase from Ronald Reagan to east of Culvert 2. Flexbase was placed at San Gabriel Oaks. Flexbase was processed from driveway 1 to Craigen. Forms for the headwall at Culvert 1 were removed and concrete placed for the upstream headwall at Culvert 2. Steel is being tied and formed for the headwall at Culvert 2.

**5/19/2017:** Flexbase was processed throughout the project on the proposed westbound half of the project. Concrete was placed for the Culvert 2 upstream headwall. The headwall at the downstream end of Culvert 1 was backfilled and grading and forming was started for the downstream riprap at Culvert 1.

**5/26/2017:** Flexbase was processed at the east end of the project. The headwall at Culvert 2 was backfilled and concrete was placed for riprap on the upstream end.



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

Williamson County Road Bond Program





PRIME STRATEGIES, INC.

### CR 258 (Sunset Ridge to Ronald Reagan North)

Project No. 1603-062

Change Order Number

Project No.	1003-002						mginai Contra	act Price =	\$5,808,856.58
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
4/20/2016	5/10/2016	7/29/2016	8/8/2016				360	0	360
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
<u>Number</u>	<u>Date</u>	Date	Charged	Invoice	Total	Retainage	Retainage	Used	<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	41	32
6	12/1/2016	12/31/2016	31	\$38,127.37	\$2,280,658.58	\$4,236.38	\$253,406.51	42	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	61	57
9	3/1/2017	3/31/2017	31	\$456,281.18	\$3,769,005.45	\$50,697.91	\$418,778.38	69	66
10	4/1/2017	4/30/2017	30	\$317,257.62	\$4,086,263.07	\$35,250.85	\$454,029.23	75	74
11	5/1/2017	5/31/2017	31	\$325,276.60	\$4,411,539.67	\$36,141.84	\$490,171.07	81	83
Change Order N			Approved 10/4/2016			Cost This CO 9,660.00			<u>Total COs</u> 9,660.00
Station 160+50.	The installation	on of the addition	nal encasemer	nt pipe was reques	Order adds an end sted by the Propert at with the propert	y owner for fut	-		
Change Order N			Approved	•		Cost This CO			Total COs
02			1/31/2017			33,848.00			43,508.00
mix pavement s	ection on CR 2		ift of Type C	HMAC PG 70-22	ence. Additional of to one 2" lift of T		•	-	pe D HMAC PG 64
Change Order N	<u>Number</u>		<u>Approved</u> 2/28/2017		<u>(</u>	Cost This CO 38,765.00			Total COs 82,273.00
requested work.	This change of posed driveway	order reflects mu	ltiple drivewa	ny changes includ	changing after PS& ing, extending a da ge oak tree, adding	riveway culvert	to accommodate	a new drivewa	ay location,
Change Order N	<u>Number</u>		<u>Approved</u> 3/21/2017		<u>(</u>	Cost This CO 14,907.69			<u>Total COs</u> 97,180.69
6C: Untimely R	OW/Utilities U	Itilities Not Clear	: This Chang	e Order compensa	ates the Contractor	for additional	costs to locate an	d avoid impact	s to the AT&T line
					PEC were schedu line during the in				
Change Order N	<u>Number</u>		<u>Approved</u> 3/21/2017		<u>(</u>	Cost This CO 51,199.00			<u>Total COs</u> 148,379.69
2J: Differing Sirretention blanker opportunity disc	et to the contrac covered during	t to prevent erosi construction. Th	Other. This chain and help to is change order	o establish vegeta er replaces the 12	s various erosion c ation quicker on the Gabion mattresse ochanges at the do	control measure e slopes and in es with Flexama	the ditches. 3H: Out. The use of this	County Conver	ddition of soil nience. Cost savings
Change Order N	<u>Number</u>		Approved		<u>(</u>	Cost This CO			Total COs
Differing Site C Temporary Sho	Conditions. New	development (c	onditions cha	nging after PS&E	s the quantity/cost c). This change ord not be used on the	ler also includes	s the deletion of e	xisting bid iter	ms; Item 403

Original Contract Price = \$5,808,856.58

excavating to subgrade on the proposed eastbound half of the project. After several days of pumping, cutting trenches, excavating, and reworking subgrade to try and dry it out a French drain was installed to relieve the ground water that was causing the issues with the subgrade.

Cost This CO

48,426.44

Total COs

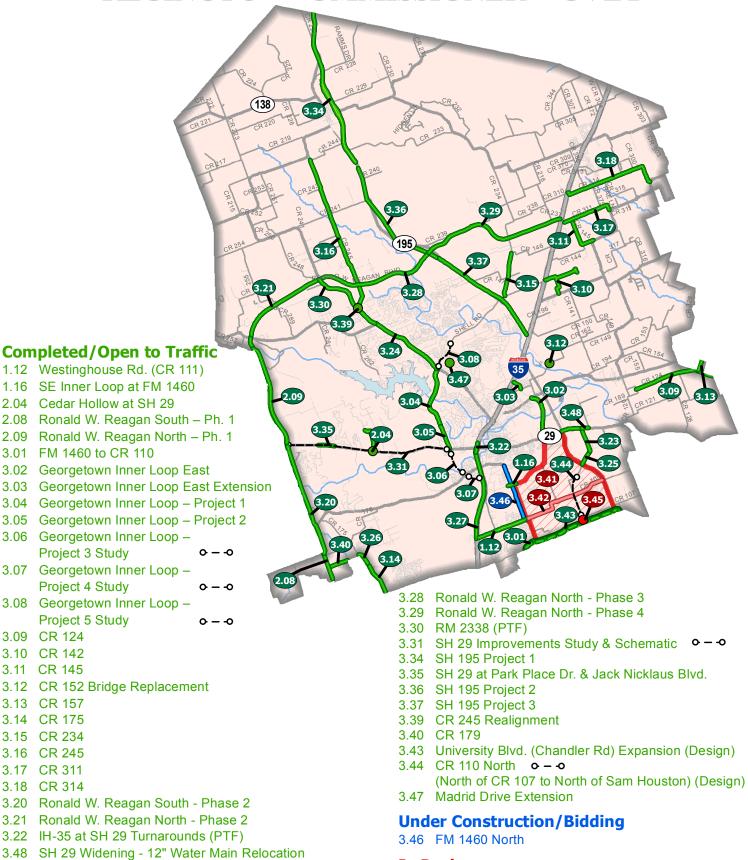
\$6,029,442.71

Adjusted Price =

2F: Differing Site Conditions (unforeseeable). Site conditions altered by an act of nature. Ground water was encountered at the east end of the project while

<u>Approved</u> 6/6/2017

# 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 3 - COMMISSIONER COVEY



### In Design

3.23 SH 29/CR 104 - Phase 1

3.24 Williams Drive (RM 2338)

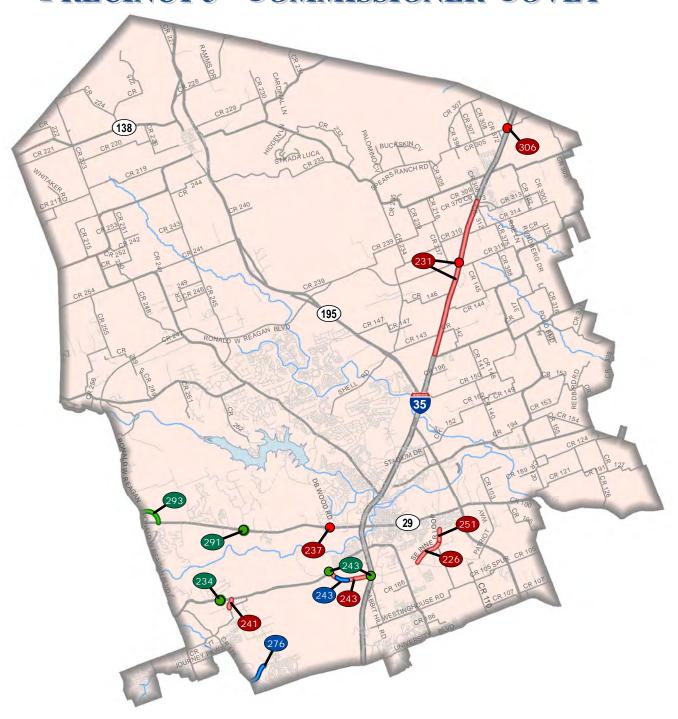
3.26 CR 175 Extension - Phase 2A

3.27 IH 35 Northbound Frontage Rd. and Ramps

3.25 CR 104 - Phase 2

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

# 2013 ROAD BOND PROGRAM PROJECTS PRECINCT 3 - COMMISSIONER COVEY



### Completed/ Open to Traffic

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

### Under Construction/Bidding

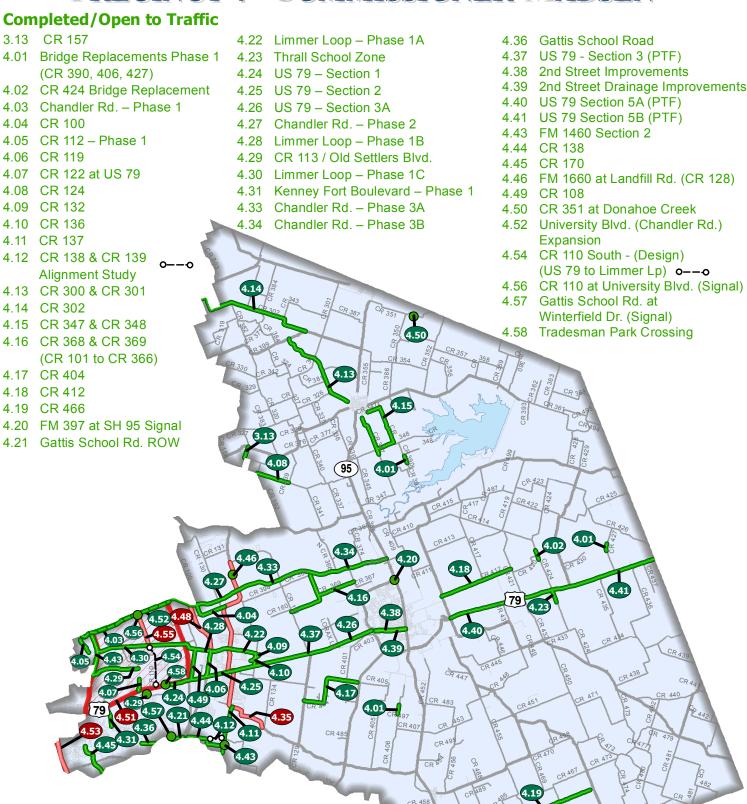
- 243 Southwest Bypass Access Route
- 276 Arterial H Extension Phase 1 (CR 175 to Massey Way)

- 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)

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

Project No	. 1603-064			•			Original Contra	Original Contract Price =		
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days	
		2/17/2017 (Limited)								
4/20/2016	5/16/2016	5/26/2017	6/5/2017				180	0	180	
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	% (\$)	% Time	
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used	
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	
6/2/2017	Comments -	NTP on the roa	dway was issı	ned 5/26/2017.						
							Adius	ted Price =	\$3.210.934.80	

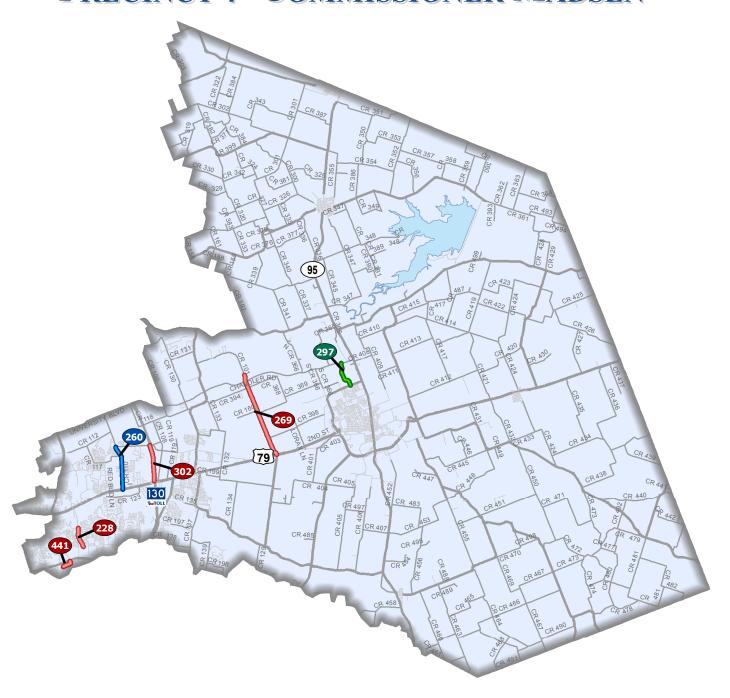
# 2006 ROAD BOND PROGRAM PROJECTS PRECINCT 4 - COMMISSIONER MADSEN



- 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)

- 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.	U	115 (CR 110)	at emi, di	ittis School K	u ut Willtern	,	Original Contra	act Price =	\$328,802.95
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
2/3/2016	2/17/2016	3/11/2016	3/21/2016	6/24/2016			90	6	96
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
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

6/2/2017 Comments - The Contractor is working on Closeout Documents and has submitted the as-builts and the Maintenance Bond.

Change Order Number Cost This CO Total COs Approved 11/29/2016 -7,856.20 01 -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 Contra	act Price =	\$3,806,133.30
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
3/16/2016	4/5/2016	5/2/2016	5/12/2016	11/11/2016			100	30	130
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	<u>Invoice</u>	<u>Total</u>	Retainage	Retainage	Used	Used
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

6/2/2017 Comments - The Contractor is working on the punchlist items, including vegetation watering and re-seeding various locations.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 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.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 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.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 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.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 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



#### **MAY 2017 IN REVIEW**

**5/05/2017:** Chasco Constructors installed water line service tie-ins between CR 122 and Limmer Loop. A 16" water line was installed between Sophia Ln and US 79. The water line from south of Sophia to Limmer Loop passed a chlorine test. Subcontractor Bryant/Frey excavated the bore pit and began boring under McNutt Creek. Oncor's subcontractor Willbros removed abandoned overhead lines. Subcontractor TRP repaired signs on Limmer Loop and CR 122.

**5/12/2017:** Installation of water line service tie-ins continued between CR 122 and Sophia. Subcontractor Bryant/Frey continued boring under McNutt Creek. Oncor's subcontractor Willbros removed abandoned overhead lines.

**5/19/2017:** Installation of water line service tie-ins continued between CR 122 and Sophia. Subcontractor Bryant/Frey continued boring under McNutt Creek. Oncor's subcontractor Willbros continued to remove abandoned overhead lines. MCI/Verizon's subcontractor installed their line on the new poles.

**5/26/2017:** Excess material was stripped and hauled off in preparation for subgrade work north of McNutt Creek. Subcontractor Bryant/Frey continued boring under McNutt Creek. Spectrum's subcontractor placed their new line on the new utility poles.



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

Williamson County Road Bond Program





PRIME STRATEGIES INC.

### CR 110 South (US 79 to Limmer Loop)

roject No.	1604-075						Original Contr	act Price =	\$11,224,589.02
<u>Letting</u>	<u>Award</u>	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
9/27/2016	10/17/2016	1/3/2017	1/13/2017				510	0	510
Invoice	Beginning	Ending	Days	Current	Invoice	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	1/13/2017	3/31/2017	78	\$1,644,069.60	\$1,644,069.60	\$182,674.40	\$182,674.40	16	15
2	4/1/2017	4/30/2017	30	\$393,511.50	\$2,037,581.10	\$43,723.50	\$226,397.90	20	21
3	5/1/2017	5/31/2017	31	\$582,730.20	\$2,620,311.30	\$64,747.80	\$291,145.70	26	27