



Legislation Details (With Text)

File #: 15-0594 **Version:** 1 **Name:** Lick Creek Hike & Bike Trail Change Order No. 1
Type: Change Order **Status:** Consent Agenda
File created: 10/2/2015 **In control:** City Council Regular
On agenda: 10/22/2015 **Final action:**
Title: Presentation, possible action, and discussion regarding construction Change Order No. 1 to contract 15-109 with Kieschnick General Contractors, Inc., reducing the contract in the amount of \$182,397.60 for the Lick Creek Hike & Bike Trail Project.
Sponsors: Donald Harmon
Indexes:
Code sections:
Attachments: [Lick Creek Hike & Bike Trail - Project Location Map.pdf](#)
[Construction Change Order No. 1.pdf](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

Presentation, possible action, and discussion regarding construction Change Order No. 1 to contract 15-109 with Kieschnick General Contractors, Inc., reducing the contract in the amount of \$182,397.60 for the Lick Creek Hike & Bike Trail Project.

Relationship to Strategic Goals:

- Core Services and Infrastructure

Recommendation(s): Staff recommends approval of the construction Change Order No. 1 with Kieschnick General Contractors, Inc. reducing the contract amount by \$182,397.60.

Summary: The construction contract with Kieschnick General Contractors, Inc. was awarded on May 18, 2015 to construct approximately five miles of hike and bike trail from Creek View Park to Lick Creek Park.

The purpose of this change order is to address design related issues based on an engineering review. After the project was bid for construction, an engineering review discovered several items that needed to be addressed including meeting AASHTO standards on trail curvatures and installing safety railings. These issues have been addresses with a conformed set of plans.

As a means to mitigate the cost of the additional changes, the scope of work was reduced by removing the trail section along Pebble Creek Parkway and instead adding bike lanes to the existing sidewalk section along Pebble Creek Parkway. By a vote of 4-0, this was the preferred option of the Bicycle, Pedestrian, & Greenways Advisory Board in their October 5, 2015 meeting.

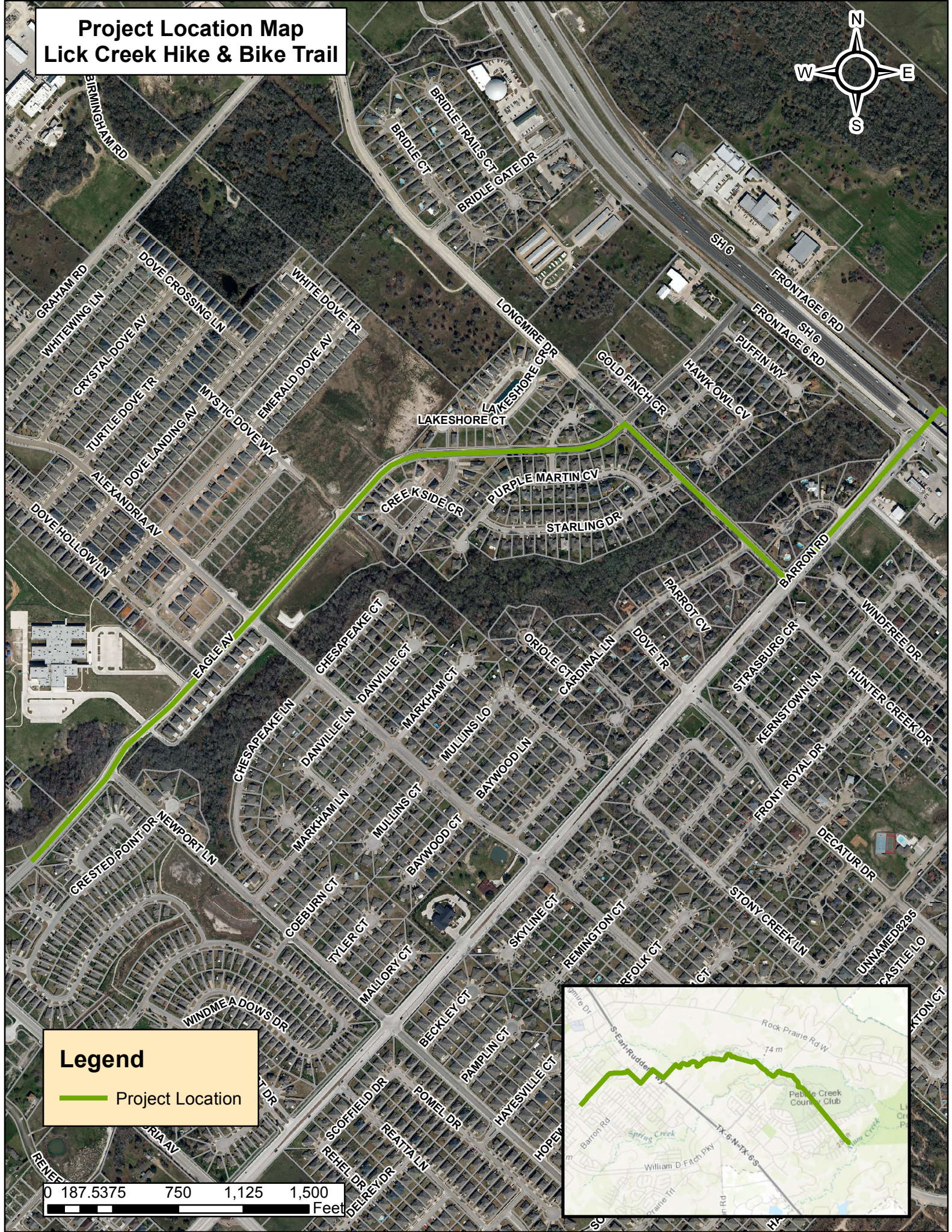
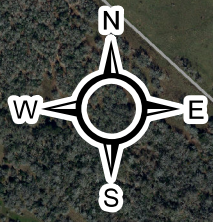
Budget & Financial Summary: A total of \$4,410,000 is budgeted for this project. After this deductive change order is applied, the total expenditures and encumbrances of this project will be \$3,630,637.76, leaving a balance of \$779,362.24 for any remaining expenditures.

Attachments:

1. Construction Change Order No.1
2. Project Location Map

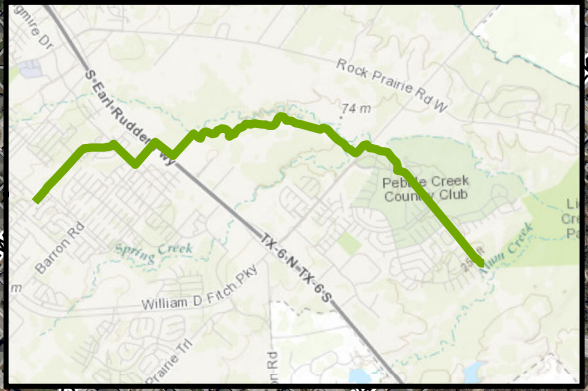
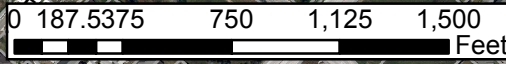
Project Location Map

Lick Creek Hike & Bike Trail

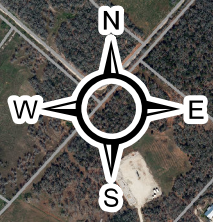


Legend

— Project Location

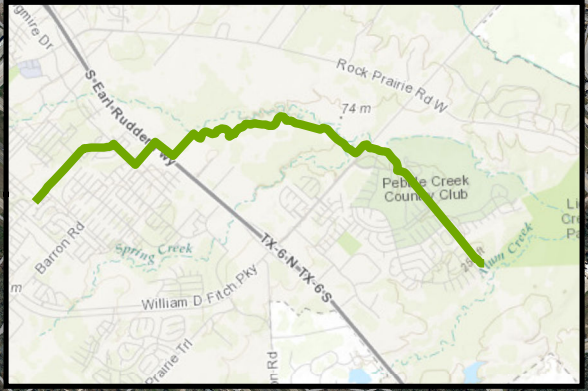


Project Location Map Lick Creek Hike & Bike Trail

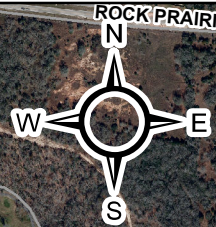


Legend

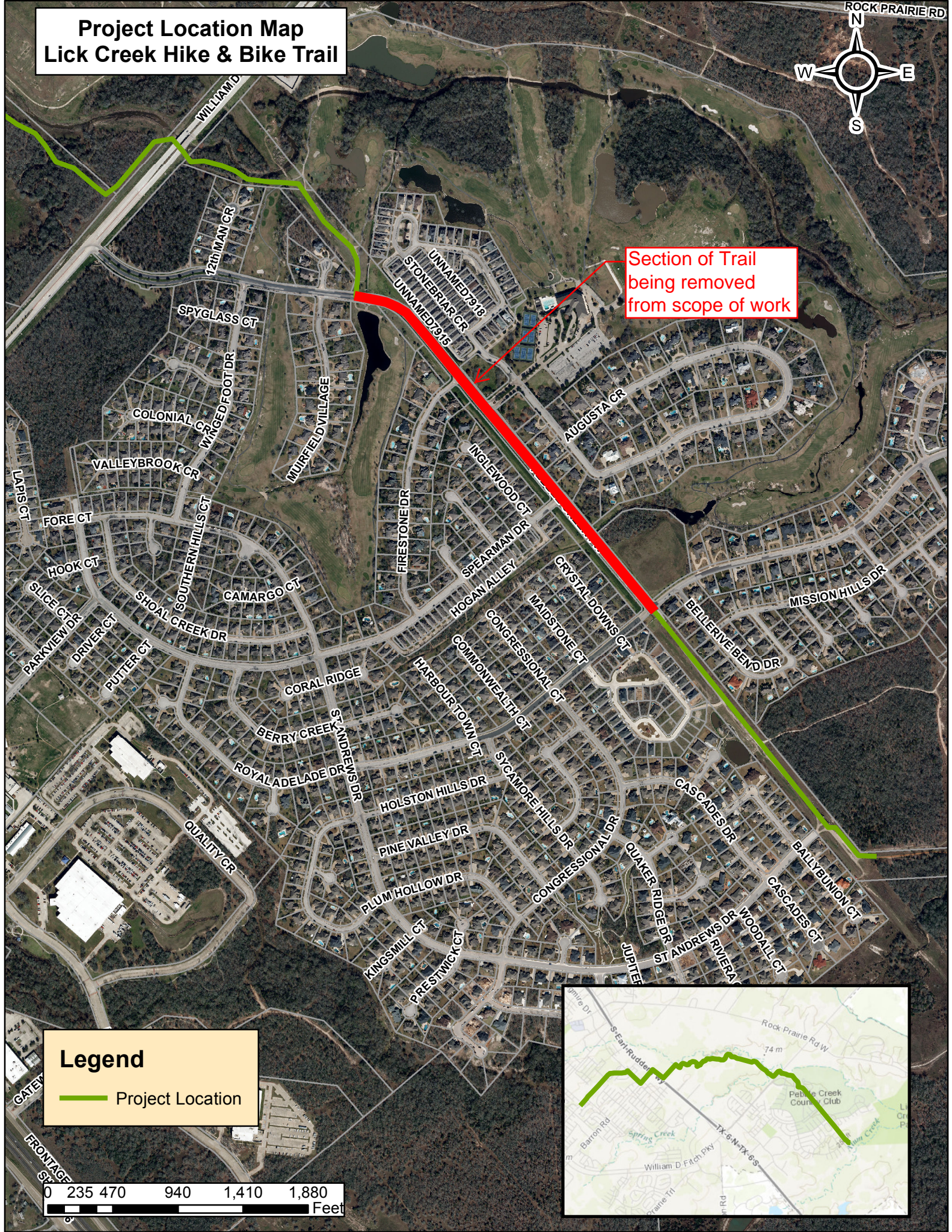
— Project Location



Project Location Map Lick Creek Hike & Bike Trail

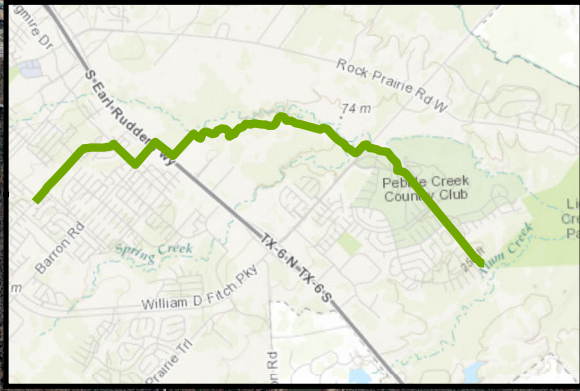
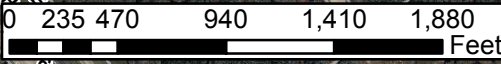


Section of Trail
being removed
from scope of work



Legend

— Project Location



Lick Creek Greenway Trail - Change Order 1

Item	Original Quantity	New Quantity	Unit	Change in Quantity	Type	Unit Price	Original Price	Total Price Change Order 1	
General Construction Items									
1	1	1	LS	0	Insurance and Mobilization for all material, equipment and labor to complete the project (not to exceed 5% of construction)	\$150,000.00	\$150,000.00	\$0.00	
Subtotal for General Construction Items								\$150,000.00	\$0.00
Site Preparation									
2	1,600	1,600	SY	0	Demolition of existing 4' walks (along Eagle and Longmire) (approx. 3,525 L.F.)	\$15.00	\$24,000.00	\$0.00	
3	1,817	317	SY	-1,500	Demolition of existing walks	\$18.00	\$32,708.00	-\$27,000.00	
4	655	485	LF	-170	Demolition of existing curb & gutter	\$5.00	\$3,275.00	-\$850.00	
5	20,600	18,981	LF	-1,639	Sill Fence	\$1.80	\$37,080.00	-\$2,950.20	
6	15	16	EA	+1	Inlet protection	\$70.00	\$1,050.00	\$70.00	
7	260	255	EA	-5	Tree protection	\$60.00	\$15,600.00	-\$300.00	
8	36	42	EA	+6	Tree removal	\$100.00	\$3,600.00	\$600.00	
9	1	0	LS	-1	Irrigation system salvage	\$15,000.00	\$15,000.00	-\$15,000.00	
10	1	1	LS	0	Irrigation repair	\$10,000.00	\$10,000.00	\$0.00	
11	8.5	8.5	AC	0	Cleaning and Grubbing for Trail Alignment (30' trail corridor)	\$5,000.00	\$42,500.00	\$0.00	
12	1	1	LS	0	Erosion Control (allowance)	\$10,000.00	\$10,000.00	\$0.00	
13	1	1	LS	0	Rip-Rap Removal (At William D. Fitch)	\$10,000.00	\$10,000.00	\$0.00	
14	130	130	LF	0	Fence Removal	\$20.00	\$2,600.00	\$0.00	
15	11,830	11,830	SY	0	Paving (Gravel) Removal	\$1.00	\$11,830.00	\$0.00	
*		1	EA	+1	Remove wingwall	\$1,500.00	\$0.00	\$1,500.00	
*		48	SY	+48	Remove concrete apron	\$25.00	\$0.00	\$1,200.00	
*		8	LF	+8	Remove 5x5 box culvert	\$200.00	\$0.00	\$1,600.00	
Subtotal for Site Preparation								\$219,241.00	-\$41,130.20
Hardscape - Sidewalk (Eagle and Longmire) (approx. 3,525 L.F.)									
16	430	839	SY	+409	6' Wide Concrete Trail - Eagle Ave. (5" Thick Concrete w/ 6" lime base and excavation)	\$75.00	\$32,250.00	\$30,675.00	
17	2,120	1,753	SY	-367	6' Wide Concrete Trail - Longmire Drive (5" Thick Concrete w/ 6" lime base and excavation)	\$70.00	\$148,400.00	-\$25,690.00	
18	150	150	SY	0	6" Thick Paving for Maintenance Access - Longmire Drive	\$80.00	\$12,000.00	\$0.00	
19	360	360	LF	0	Concrete curb & gutter	\$15.00	\$5,400.00	\$0.00	
20	19	19	EA	0	Barrier Free Ramps (complete installed, including landings, etc.)	\$1,000.00	\$19,000.00	\$0.00	
Subtotal for Hardscape (Eagle and Longmire)								\$217,050.00	\$4,985.00
Hardscape - Main Trail (approx. 16,230 L.F.)									
21	16,550	13,490	SY	-3,060	10' Wide Concrete Trail (5" Thick Concrete w/ 6" lime base and excavation)	\$80.00	\$1,324,000.00	-\$244,800.00	
22	1,888	1,968	SY	+80	6" Paving for Maintenance Access	\$80.00	\$151,040.00	\$6,400.00	
23	10,200	0	SF	-10,200	Woodland Wildflower Seed Mix	\$0.10	\$1,020.00	-\$1,020.00	
24	8	3	EA	-5	Barrier Free Ramps	\$1,000.00	\$8,000.00	-\$5,000.00	
25	7	3	EA	-4	Concrete Drainage Flume	\$1,000.00	\$7,000.00	-\$4,000.00	
26	28	45	LF	+17	Concrete Drainage Culvert (3'x5')	\$750.00	\$21,000.00	\$12,750.00	
27	1,400	0	LF	-1,400	Retaining Wall	\$100.00	\$140,000.00	-\$140,000.00	
28	16	16	EA	0	Trail Regulatory Signs	\$550.00	\$8,800.00	\$0.00	
29	340	921	LF	+581	Trail Safety Railing	\$150.00	\$51,000.00	\$87,150.00	
30	230	68	LF	-162	Install curb & gutter	\$25.00	\$5,750.00	-\$4,050.00	
31	41	41	EA	0	Landscape Boulders	\$360.00	\$14,760.00	\$0.00	
*		98	LF	+98	18" RCP	\$65.00	\$0.00	\$6,370.00	
*		5	EA	+5	18" SET	\$1,500.00	\$0.00	\$7,500.00	
*		40	LF	+40	24" RCP	\$75.00	\$0.00	\$3,000.00	
*		4	EA	+4	24" SET	\$1,800.00	\$0.00	\$7,200.00	
*		17	LF	+17	5x5 Box Culvert	\$600.00	\$0.00	\$10,200.00	
*		14	SY	+14	Concrete Riprap Apron	\$50.00	\$0.00	\$700.00	
*		720	LF	+720	Concrete Curb	\$11.00	\$0.00	\$7,920.00	
*		10.6	CY	+10.6	18" Rock Riprap	\$50.00	\$0.00	\$530.00	
*		4	EA	+4	Straight Wingwall	\$4,000.00	\$0.00	\$16,000.00	
*		1	EA	+1	Flared Wingwall	\$7,500.00	\$0.00	\$7,500.00	
*		3	EA	+3	Area inlet drains	\$2,250.00	\$0.00	\$6,750.00	
*		871	LF	+871	Tall Retaining Wall	\$125.00	\$0.00	\$108,875.00	
Subtotal for Hardscape - Main Trail								\$1,732,370.00	-\$110,025.00

					Trailhead (Creek View Park)				
32	100	100	SY	0	Trailhead Concrete Paving (5" Thick Concrete w/ 6" lime base and excavation)	\$65.00	\$6,500.00	\$0.00	
33	21	21	SY	0	Trailhead Paver Border	\$100.00	\$2,100.00	\$0.00	
34	30	30	SY	0	Trailhead Limestone Paving	\$160.00	\$4,800.00	\$0.00	
35	2	2	EA	0	Trailhead Bench	\$1,250.00	\$2,500.00	\$0.00	
36	2	2	EA	0	Trailhead Bicycle Rack	\$300.00	\$600.00	\$0.00	
37	1	1	EA	0	Trailhead Trash Receptacle	\$1,050.00	\$1,050.00	\$0.00	
38	1	1	EA	0	Trailhead Gateway Monument	\$10,000.00	\$10,000.00	\$0.00	
39	1	1	EA	0	Trailhead Informative Signage	\$2,000.00	\$2,000.00	\$0.00	
Subtotal for Trailhead (Creek View Park)								\$29,550.00	\$0.00
					Trailhead (Lick Creek Park)				
40	171	171	SY	0	Trailhead Concrete Paving (5" Thick Concrete w/ 6" lime base and excavation)	\$65.00	\$11,115.00	\$0.00	
41	26	27	SY	+1	Trailhead Paver Border	\$100.00	\$2,600.00	\$100.00	
42	53	55	SY	+2	Trailhead Limestone Paving	\$160.00	\$8,480.00	\$320.00	
43	1	1	EA	0	Trailhead Bench	\$1,250.00	\$1,250.00	\$0.00	
44	2	2	EA	0	Trailhead Bicycle Rack	\$300.00	\$600.00	\$0.00	
45	1	1	EA	0	Trailhead Trash Receptacle	\$1,050.00	\$1,050.00	\$0.00	
46	1	1	EA	0	Trailhead Gateway Monument	\$10,000.00	\$10,000.00	\$0.00	
47	2	2	EA	0	Trailhead Informative Signage	\$2,000.00	\$4,000.00	\$0.00	
48	1	0	LS	-1	Lick Creek Park Sign Relocation	\$10,000.00	\$10,000.00	-\$10,000.00	
49	6	6	EA	0	Trailhead Fence Columns	\$2,500.00	\$15,000.00	\$0.00	
50	102	102	LF	0	Trailhead Fence	\$100.00	\$10,200.00	\$0.00	
51	12	12	LF	0	Stone Seatwall	\$300.00	\$3,600.00	\$0.00	
Subtotal for Trailhead (Lick Creek Park)								\$77,895.00	-\$9,580.00
					Trailhead (State Highway 6)				
52	380	42	SY	-338	Trailhead Concrete Paving (5" Thick Concrete w/ 6" lime base and excavation)	\$65.00	\$24,700.00	-\$21,970.00	
53	1	1	EA	0	Trailhead Gateway Monument	\$10,000.00	\$10,000.00	\$0.00	
54	50	32	LF	-18	Trailhead Railing	\$103.00	\$5,150.00	-\$1,854.00	
Subtotal for Trailhead (State Highway 6)								\$39,850.00	-\$23,824.00
					Rest Areas/Overlook (3 total)				
55	1,260	466	SY	-794	Rest Area Concrete Paving (5" Thick Concrete w/ 6" lime base and excavation)	\$65.00	\$81,900.00	-\$51,610.00	
56	255	107	SY	-148	Rest Area Limestone Paving	\$160.00	\$40,800.00	-\$23,880.00	
57	39	39	SY	0	Rest Area Paver Border	\$100.00	\$3,900.00	\$0.00	
58	6	6	EA	0	Rest Area Bench	\$1,250.00	\$7,500.00	\$0.00	
59	36	36	LF	0	Stone Seat Wall	\$300.00	\$10,800.00	\$0.00	
60	6	6	EA	0	Rest Area Bicycle Rack	\$300.00	\$1,800.00	\$0.00	
61	3	3	EA	0	Rest Area Trash Receptacle	\$1,050.00	\$3,150.00	\$0.00	
62	3	3	EA	0	Steel Shade Structure	\$27,500.00	\$82,500.00	\$0.00	
63	9	9	EA	0	Stone Columns	\$1,250.00	\$11,250.00	\$0.00	
64	3	3	EA	0	Rest Area Informative Signage	\$2,000.00	\$6,000.00	\$0.00	
Subtotal for Rest Areas/Overlook								\$249,600.00	-\$75,290.00

					Bridges and Underpasses			
65	4	4	EA	0	Minor Creek Crossings (complete in place)	\$7,500.00	\$30,000.00	\$0.00
66	90	90	LF	0	Pedestrian Bridge (90 linear ft.)	\$1,665.00	\$149,850.00	\$0.00
67	2	2	EA	0	Bridge Abutments	\$7,500.00	\$15,000.00	\$0.00
68	125	125	LF	0	Roadway Underpass (including trail, retaining walls and railing)	\$1,200.00	\$150,000.00	\$0.00
*		1	LS	+1	Roadway Underpass (retain wall incr., soilnail & railing changes)	\$76,018.00		\$75,018.00
Subtotal for Bridges and Underpasses							\$344,850.00	\$76,018.00
					Wayfinding/Distance Markers (15 total)			
69	250	237	SY	-13	Concrete Paving (6" Thick Concrete w/ 6" lime base and excavation)	\$200.00	\$50,000.00	-\$2,600.00
70	1,575	1,474	SF	-101	PreCast Concrete Pavers	\$9.00	\$14,175.00	-\$909.00
71	25	25	EA	0	Wayfinding/Distance Marker Signage	\$1,250.00	\$31,250.00	\$0.00
Subtotal for Wayfinding/Distance Markers							\$95,425.00	-\$3,509.00
					Regulatory Signs Signs and Related			
72	8	8	EA	0	Regulatory Traffic Sign	\$550.00	\$4,400.00	\$0.00
73	12	12	EA	0	Pedestrian Crosswalk Striping	\$1,100.00	\$13,200.00	\$0.00
*		14	EA	+14	Object markers	\$70.00		\$880.00
*		140	LF	+140	Stop Bar Striping	\$14.25		\$1,995.00
Subtotal for Pedestrian Traffic Signs and Related							\$17,600.00	\$2,975.00
					Landscaping			
74	1	1	EA	0	Burr Oak (30 Gal.)	\$540.00	\$540.00	\$0.00
75	2	2	EA	0	Pecan (30 Gal.)	\$540.00	\$1,080.00	\$0.00
76	2	2	EA	0	Golden Rain Tree (15Gal.)	\$350.00	\$700.00	\$0.00
77	26,140	21,434	SY	-4,706	Hydroseed (Bermuda)	\$0.40	\$10,456.00	-\$1,882.40
78	1,135	0	SY	-1,135	Woodland Wildflower Seed Mix	\$1.00	\$1,135.00	-\$1,135.00
Subtotal for Landscaping							\$13,911.00	-\$3,017.40
Change Order 1 Total							\$3,187,342.00	-\$182,397.60