

ENGINEER'S PRE-DESIGN OPINION OF CONSTRUCTION COST

CLIENT: City of Keller

Prepared By: Pacheco Koch Consulting Engineers, Inc.

DATE: May 20, 2021

4060 Bryant Irving Rd

PROJECT Barbara Lane Bike / Pedestrian Trail Connection Project

Fort Worth, Texas 76109

LIMITS: The Existing Trail along Big Bear Creek Greenbelt Trail south to Barbara Lane.

(817) 412-7155

LENGTH: ~740 LF

Reg No. F-469

DESCRIPTION:

10' wide Bike / Pedestrian Trail

DESIGN ASSUMPTIONS:

- ◇ 10' Wide Trail to connect to existing Big Bear Creek Greenbelt Trail, 260' west of Ruff Snow Dr then south to Barbara Ln
- ◇ Excavation is full length at 6" deep and 12' wide.
- ◇ Trees and shrubs will have to be removed.
- ◇ Fences are not added.
- ◇ Temporary Fencing will be installed prior to construction.
- ◇ No existing sidewalk to connect at Barbara Ln.
- ◇ No Easements or ROW documents.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	Mobilization	LS	1	\$ 6,000.00	\$ 6,000.00
2	Barricades, Signs, and Traffic Handling	MO	1	3,000.00	3,000.00
3	Preparing Row	STA	7.4	4,000.00	29,600.00
4	Excavation (Trail)	CY	164	25.00	4,100.00
5	Flex Base	SY	990	14.00	13,860.00
6	Concrete Sidewalk Shared Use (10' x 6")	SY	820	70.00	57,400.00
7	Concrete Retaining Wall	LF	100	110.00	11,000.00
8	Hand Rail	LF	100	150.00	15,000.00
8	3'X2' RCBC	LF	20	350.00	7,000.00
9	In Sm Rd Sn Sup & Am Twt (1) Ws (P)	EA	5	400.00	2,000.00
10	Refl Pav Mrk Ty I (Y) (4") (Sid) (100Mil)	LF	740	3.00	2,220.00
11	Topsoil	SY	820	8.00	6,560.00
12	Seeding	SY	820	2.00	1,640.00
13	Vegetative Watering	MG	30	20.00	600.00
14	Temporary Sediment Control Fence Install	LF	740	6.00	4,440.00
15	Temporary Sediment Control Fence Remove	LF	740	2.00	1,480.00
				Subtotal	\$ 165,900.00
				Contingencies (30%)	\$ 49,770.00
				TOTAL	\$ 215,670.00