

Westwood

ENGINEER'S PRE-DESIGN OPINION OF PROBABLE CONSTRUCTION COST

Client Name: Town of Bartonville, Denton County, TX
Project Title: E. Jeter Road Phase 2

WW Project No.:
Date: 4/4/2024

Bid No.	Bid Item Description	Unit	Estimated Quantity	Unit Cost	Total Cost
BASE PAVING IMPROVEMENTS					
1	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00
2	Traffic Control	LS	1	20,000.00	20,000.00
3	Temporary Erosion, Sedimentation And Water Pollution Prevention (SWPPP)	LS	1	35,000.00	35,000.00
4	Pavement Marking And Markers Complete In Place	LS	1	9,000.00	9,000.00
5	Preparing ROW	STA	17	2,500.00	41,250.00
6	Project Signs	EA	2	1,200.00	2,400.00
7	Remove Asphalt Pavement	SY	4,033	14.00	56,466.67
8	Remove Gravel Driveway	SY	79	100.00	7,911.11
9	Remove Asphalt Driveway	SY	20	150.00	2,966.67
10	Unclassified Roadway Excavation	CY	1,980	60.00	118,800.00
11	2" HMA Type "D"	SY	4,400	27.00	118,800.00
12	4" HMA Type "B"	SY	4,400	45.00	198,000.00
13	6" Flex Base Subgrade	SY	4,767	12.00	57,200.00
14	Tensar TX-5 Geogrid	SY	4,767	8.00	38,133.33
15	Adjust Fire Hydrant and valve box to grade	EA	1	5,000.00	5,000.00
16	Remove and Replace Mailbox	SY	3	100.00	300.00
17	Cement Material For Treated Subgrade	TON	0	0.00	-
18	6" Asphalt Driveway Approach	SY	99	85.00	8,405.56
19	4" Topsoil	SY	3,300	12.00	39,600.00
20	Seeding Hydromulch	SY	3,300	4.00	13,200.00
21	24" Reinforced Concrete Pipe Class III	LF	96	200.00	19,200.00
22	18" Reinforced Concrete Pipe Class III	LF	100	150.00	15,000.00
23	Headwall (3-24")	EA	2	12,000.00	24,000.00
24	Safety End Treatment (TY I) (18 in) (RCP) (4:1) (P)	EA	8	2,250.00	18,000.00
SUB-TOTAL BASE CONSTRUCTION COSTS					\$ 888,633.33
BASE IMPROVEMENTS SUB-TOTAL					\$ 888,633.33
10% CONTINGENCY					\$ 89,000.00
ENGINEERING AND SURVEY (10% OF CONSTRUCTION)					\$ 89,000.00
TOTAL OPINION OF CONSTRUCTION COSTS					\$ 1,066,633.33

Assumptions:

1. Total length is 1,650 LF
2. Replacing 5 driveways with asphalt.
3. Adding geogrid to subgrade
4. Replacing 1 3 barrel culvert crossing Jeter
4. Replacing 3 mailboxes
5. Adjusting 1 Fire Hydrant and valve box to grade