

Planning Level Opinion of Construction Cost
City of Tenino
Ritter Street Improvements
July 2020
 751.5000



SCHEDULE A - ROADWAY						
Item No.	Spec. Section	Item	Quantity	Unit	Unit Price	Amount
1	1-07.15	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2	1-09.7	Mobilization (10%)	1	LS	\$ 34,000	\$ 34,000
3	1-10	Project Temporary Traffic Control	1	LS	\$ 24,000	\$ 24,000
4	2-01	Clearing and Grubbing	0.25	AC	\$ 20,000	\$ 5,000
5	2-02	Removal of Structure and Obstructions	1	LS	\$ 5,000	\$ 5,000
6	2-03	Roadway Excavation Incl. Haul	2,400	CY	\$ 25	\$ 60,000
7	2-09	Shoring or Extra Excavation Cl. B	600	SF	\$ 2	\$ 1,200
8	4-04	Crushed Surfacing Top Course	640	TON	\$ 40	\$ 25,600
9	4-04	Crushed Surfacing Base Course	880	TON	\$ 40	\$ 35,200
10	5-04	HMA CL. 1/2 IN. PG 58H-22	450	TON	\$ 125	\$ 56,250
11	7-04	Corrugated Polyethylene Storm Sewer Pipe 12 In. Diam.	100	LF	\$ 50	\$ 5,000
12	7-05	Catch Basin Type 1	2	EA	\$ 2,500	\$ 5,000
13	7-05	Catch Basin Type 2 48 In. Diam.	1	EA	\$ 6,000	\$ 6,000
14	7-05	Connection to Drainage Structure	1	EA	\$ 1,000	\$ 1,000
15	8-01	Erosion/Water Pollution Control	1	EST	\$ 5,000	\$ 5,000
16	8-01	Bioretention Facility	1	LS	\$ 20,000	\$ 20,000
17	8-02	Hydroseeding	1,300	SY	\$ 2	\$ 2,600
18	8-04	Cement Conc. Curb and Gutter	830	LF	\$ 40	\$ 33,200
19	8-04	Cement Conc. Traffic Curb	110	LF	\$ 80	\$ 8,800
20	8-06	Cement Conc. Driveway Entrance Type	90	SY	\$ 110	\$ 9,900
21	8-14	Cement Conc. Sidewalk	420	SY	\$ 80	\$ 33,600
22	8-14	Cement Conc. Curb Ramp Type Parallel	1	EA	\$ 3,500	\$ 3,500
23	8-14	Cement Conc. Curb Ramp Type Single Direction	3	EA	\$ 3,000	\$ 9,000
24	8-21	Permanent Signing	1	LS	\$ 2,000	\$ 2,000
25	8-22	Paint Line	1,400	LF	\$ 2	\$ 2,800
26	8-22	Plastic Stop Line	80	LF	\$ 15	\$ 1,200
27	8-22	Plastic Crosswalk Line	300	SF	\$ 10	\$ 3,000

Construction Subtotal \$ 398,850
 Contingency @ 20% \$ 79,800
Construction Subtotal \$ 478,650
 Design Engineering (15%) \$ 71,800
 Construction Management (15%) \$ 71,800

Planning Level Opinion of Construction Cost \$ 622,300

SCHEDULE B - WATERLINE						
Item No.	Spec. Section	Item	Quantity	Unit	Unit Price	Amount
100	2-09	Shoring or Extra Excavation, Class B	1	LS	\$ 500	\$ 500
101	4-04	CSTC for Trench Backfill	200	TN	\$ 25	\$ 5,000
102	7-09	PVC Pipe for Water Main 8-inch Diam.	830	LF	\$ 60	\$ 49,800
103	7-09	Connect to Existing Main	2	EA	\$ 2,500	\$ 5,000
104	7-12	Gate Valves 8-inch	7	EA	\$ 1,500	\$ 10,500
105	7-14	Fire Hydrant Assembly	2	EA	\$ 5,500	\$ 11,000
106	7-15	Service connection 3/4 inch Dia.	8	EA	\$ 2,000	\$ 16,000
107	7-15	Service Connection 2 inch Dia.	1	EA	\$ 6,000	\$ 6,000

Subtotal \$ 98,300
 Contingency @ 20% \$ 19,700
Construction Subtotal 1 \$ 118,000
 Sales Tax @ 8% \$ 9,400
Construction Subtotal 2 \$ 127,400
 Design Eng. & CM @ 30% \$ 38,220

Planning Level Opinion of Construction Cost \$ 165,620