

**BOLTON & MENK**

Real People. Real Solutions.

**ENGINEER'S PRELIMINARY COST ESTIMATE**

Susan Drive &amp; US 59 Intersection Improvements

Concrete Pavement  
Marshall, Minnesota

11/13/2023

Item	Item	Unit	Unit Price	Estimated Quantity	Amount
1	MOBILIZATION	LS	\$100,000.00	1	\$100,000.00
2	TRAFFIC CONTROL	LS	\$20,000.00	1	\$20,000.00
3	REMOVE CURB & GUTTER	LF	\$5.00	1662	\$8,310.00
4	REMOVE SIDEWALK & DRIVEWAY	SF	\$4.00	3797	\$15,188.00
5	REMOVE PAVEMENT	SY	\$4.50	4430	\$19,935.00
6	COMMON EXCAVATION	CY	\$16.00	2008	\$32,128.00
7	SELECT GRANNULAR BORROW (CV) (P)	CY	\$26.00	1338	\$34,788.00
8	AGGREGATE BASE CLASS 5 (CV) (P)	CY	\$45.00	687	\$30,915.00
9	TYPE 9.5 WEARING COURSE MIX (TRAIL)	TON	\$165.00	36	\$5,940.00
10	CONCRETE CURB & GUTTER DESIGN B618	LF	\$30.00	1645	\$49,350.00
11	4" CONCRETE SIDEWALK	SF	\$9.00	1613	\$14,517.00
12	PEDESTRIAN RAMP	EACH	\$5,000.00	4	\$20,000.00
13	7" CONCRETE PAVEMENT	SY	\$90.00	3387	\$304,830.00
14	GEOTEXTILE FABRIC	SY	\$4.00	3189	\$12,756.00
15	PERFORATED DRAIN TILE	LF	\$15.00	1645	\$24,675.00
16	STORM SEWER PIPE	LF	\$100.00	500	\$50,000.00
17	STORM MANHOLE/CATCH BASIN	EACH	\$5,000.00	9	\$45,000.00
18	STORM CASTING	EACH	\$1,200.00	9	\$10,800.00
19	CONNECT TO EXISTING STORM SEWER	EACH	\$1,100.00	3	\$3,300.00
20	EROSION & SEDIMENT CONTROL	LS	\$25,000.00	1	\$25,000.00
21	TURF ESTABLISHMENT	LS	\$35,000.00	1	\$35,000.00
22	LIGHTING SYSTEM	LS	\$75,000.00	1	\$75,000.00
Subtotal					\$937,432.00
20% Contingency					\$187,490.00
<b>Total Estimated Construction Cost</b>					<b>\$1,124,922.00</b>
Design, Administration and Construction Engineering					\$224,980.00
<b>Total Estimated Project Cost</b>					<b>\$1,349,902.00</b>