

OPINION OF PROBABLE COST

SOUTHWEST ARTERIAL ROADWAY SEGMENT 1

City of Cottage Grove, MN
 BMI PROJECT NO. 0N1.126878
 DATE: 03/31/2022



Real People. Real Solutions.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
SEGMENT 1					
1	MOBILIZATION	LUMP SUM	1	\$1,051,000	\$1,051,000
2	TRAFFIC CONTROL	LUMP SUM	1	\$211,000	\$211,000
3	REMOVE BITUMINOUS PAVEMENT	SQ YD	25,130	\$3	\$75,390
4	COMMON EXCAVATION (CV) - STREET	CU YD	78,170	\$12	\$938,040
5	COMMON EXCAVATION (EV) - TRAIL	CU YD	4,240	\$20	\$84,800
6	SUBGRADE EXCAVATION (CV)	CU YD	3,600	\$15	\$54,000
7	SUBGRADE EXCAVATION (EV) - TRAIL	CU YD	560	\$20	\$11,200
8	POND EXCAVATION (EV)	CU YD	34,000	\$3	\$102,000
9	COMMON EMBANKMENT (CV) - BRIDGE	CU YD	68,270	\$18	\$1,228,860
10	COMMON EMBANKMENT (CV)	CU YD	39,000	\$18	\$702,000
11	GEOTECHNICAL CORRECTIONS	LUMP SUM	1	\$1,000,000	\$1,000,000
12	SELECT GRANULAR BORROW	CU YD	32,040	\$25	\$801,000
13	SELECT GRANULAR BORROW - TRAIL	CU YD	560	\$25	\$14,000
14	AGGREGATE BASE (CV) CLASS 5	TON	62,080	\$18	\$1,117,440
15	AGGREGATE BASE (CV) CLASS 5 - TRAIL	TON	5,590	\$20	\$111,800
16	BRIDGE	SQ FT	22,000	\$300	\$6,600,000
17	BITUMINOUS PAVEMENT WEAR COURSE - COUNTY ROAD	TON	14,350	\$100	\$1,435,000
18	BITUMINOUS PAVEMENT NON WEAR COURSE - COUNTY ROAD	TON	7,170	\$95	\$681,150
19	BITUMINOUS PAVEMENT WEAR COURSE - LOCAL ROAD	TON	2,200	\$90	\$198,000
20	BITUMINOUS PAVEMENT NON WEAR COURSE - LOCAL ROAD	TON	2,200	\$85	\$187,000
21	BITUMINOUS PAVEMENT WEAR COURSE - TRAIL	TON	2,920	\$120	\$350,400
22	BITUMINOUS MATERIAL FOR TACK COAT	GAL	5,200	\$3	\$15,600
23	CONCRETE CURB & GUTTER	LIN FT	35,230	\$16	\$563,680
24	CONCRETE MEDIAN	SQ YD	6,590	\$60	\$395,400
25	CONCRETE PEDESTRIAN RAMPS	SQ FT	3,720	\$15	\$55,800
26	TRUNCATED DOMES	SQ FT	480	\$60	\$28,800
27	WETLAND AND STREAM MITIGATION	LUMP SUM	1	\$200,000	\$200,000
28	SALVAGE AND REINSTALL BOX CULVERT END SECTION	EACH	2	\$4,000	\$8,000
29	12' X 6' BOX CULVERT	LIN FT	125	\$1,300	\$162,500
30	BOX CULVERT RAILING	LIN FT	64	\$500	\$32,000
31	RIPRAP	CU YD	300	\$120	\$36,000
32	STORM SEWER PIPE, 15" RCP	LIN FT	2,400	\$50	\$120,000
33	STORM SEWER PIPE, 18" RCP	LIN FT	1,800	\$55	\$99,000
34	STORM SEWER PIPE, 24" RCP	LIN FT	600	\$70	\$42,000
35	STORM SEWER PIPE, 36" RCP	LIN FT	700	\$120	\$84,000
36	FLARED END SECTIONS	EACH	4	\$5,000	\$20,000
37	POND OUTLETS	EACH	4	\$8,000	\$32,000
38	STORM SEWER MH	EACH	3	\$3,500	\$10,500
39	STORM SEWER CBMH	EACH	63	\$3,500	\$220,500
40	STORM SEWER CB	EACH	21	\$3,000	\$63,000
41	12" WATERMAIN	LIN FT	2,600	\$130	\$338,000
42	18" WATERMAIN	LIN FT	4,800	\$160	\$768,000
43	WATERMAIN JACKING	LIN FT	810	\$1,000	\$810,000
44	PRV STATION	LUMP SUM	1	\$120,000	\$120,000
45	ROCK EXCAVATION (EV) - TRENCH	CU YD	2,600	\$50	\$130,000
46	SIGNAL SYSTEM	LUMP SUM	1	\$500,000	\$500,000
47	SIGNAL SYSTEM (PARTIAL)	LUMP SUM	1	\$200,000	\$200,000
48	STRIPING	LIN FT	55,100	\$0.50	\$27,550
49	EROSION CONTROL	LUMP SUM	1	\$100,000	\$100,000
50	RESTORATION	ACRE	20	\$6,500	\$130,000
SUBTOTAL SEGMENT 1					\$22,266,410
10% CONTINGENCY					\$2,226,640
TOTAL CONSTRUCTION SEGMENT 1					\$24,493,050
	RIGHT-OF-WAY	ACRE	24	\$100,000	\$2,400,000
	PRIVATE UTILITY RELOCATIONS				\$1,000,000
	ENGINEERING/ADMINISTRATION	20%			\$4,898,610
TOTAL PROJECT COSTS					\$32,791,660