

**ENGINEER'S ESTIMATE FOR SITE IMPROVEMENTS
BUNKER LAKE INDUSTRIAL PARK BUILDING #4 - RAMSEY, MN
JUNE 9, 2021**

EROSION CONTROL AND GRADING CONSTRUCTION COST ESTIMATE					
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ESTIMATED COST
1	MOBILIZATION	1	LUMP SUM	\$2,700.00	\$2,700.00
2	CLEAR AND GRUB TREES	5	EACH	\$100.00	\$500.00
3	COMMON EXCAVATION	14,400	CU YD	\$6.00	\$86,400.00
4	REMOVE RIPRAP	10	CU YD	\$30.00	\$300.00
5	REMOVE SILT FENCE	694	LIN FT	\$1.00	\$694.00
6	SILT FENCE	2,656	LIN FT	\$3.00	\$7,968.00
7	SEDIMENT CONTROL LOG	1,106	LIN FT	\$3.00	\$3,318.00
8	CONSTRUCTION ENTRANCE	1	LUMP SUM	\$2,000.00	\$2,000.00
9	RANDOM RIPRAP CLASS III	39	CU YD	\$80.00	\$3,120.00
10	GEOTEXTILE FABRIC TYPE IV	136	SQ YD	\$15.00	\$2,040.00
11	STORM DRAIN INLET PROTECTION	18	EACH	\$125.00	\$2,250.00

TOTAL ESTIMATED CONSTRUCTION COST OF GRADING

\$111,290.00

UTILITIES CONSTRUCTION COST ESTIMATE					
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ESTIMATED COST
12	REMOVE CONCRETE CULVERT	142	LIN FT	\$10.00	\$1,420.00
13	REMOVE RC PIPE APRON	3	EACH	\$150.00	\$450.00
14	REMOVE WATERMAIN PIPE	5	LIN FT	\$20.00	\$100.00
15	SALVAGE 24 IN RC PIPE	64	LIN FT	\$40.00	\$2,560.00
16	SALVAGE CASTING	1	EACH	\$159.00	\$159.00
17	SALVAGE HYDRANT, GATE VALVE, AND REDUCER	1	EACH	\$500.00	\$500.00
18	12 IN RC PIPE SEWER DESIGN 3006 CLASS V	552	LIN FT	\$32.00	\$17,664.00
19	15 IN HDPE PIPE SEWER	54	LIN FT	\$28.00	\$1,512.00
20	15 IN RC PIPE SEWER DESIGN 3006 CLASS V	329	LIN FT	\$34.00	\$11,186.00
21	18 IN RC PIPE SEWER DESIGN 3006 CLASS V	618	LIN FT	\$38.00	\$23,484.00
22	21 IN RC PIPE SEWER DESIGN 3006 CLASS III	145	LIN FT	\$44.00	\$6,380.00
23	24 IN RC PIPE SEWER DESIGN 3006 CLASS III	40	LIN FT	\$50.00	\$2,000.00
24	INSTALL 24 IN RC PIPE	64	LIN FT	\$22.00	\$1,408.00
25	27 IN RC PIPE SEWER DESIGN 3006 CLASS III	38	LIN FT	\$54.00	\$2,052.00
26	SALVAGE 24 IN RC PIPE APRON	2	EACH	\$325.00	\$650.00
27	15 IN RC PIPE APRON WITH TRASH GUARD	2	EACH	\$800.00	\$1,600.00
28	18 IN RC PIPE APRON WITH TRASH GUARD	2	EACH	\$1,200.00	\$2,400.00
29	27 IN RC PIPE APRON WITH TRASH GUARD	1	EACH	\$1,600.00	\$1,600.00
30	INSTALL 24 IN RC PIPE APRON	2	EACH	\$400.00	\$800.00
31	DUCTILE IRON FITTINGS	181	POUND	\$11.00	\$1,991.00
32	6 IN SANITARY SEWER PIPE SDR 35	83	LIN FT	\$22.00	\$1,826.00
33	8 IN SANITARY SEWER PIPE SDR 35	240	LIN FT	\$28.00	\$6,720.00
34	8 IN PVC CAP	1	EACH	\$100.00	\$100.00
35	SANITARY SEWER CLEANOUT	1	EACH	\$500.00	\$500.00
36	6"X6" PVC WYE	1	EACH	\$150.00	\$150.00
37	CONNECTION TO EXISTING WATER MAIN	3	EACH	\$600.00	\$1,800.00
38	CONNECTION TO SANITARY SEWER	2	EACH	\$725.00	\$1,450.00
39	CONNECTION TO STORM SEWER	2	EACH	\$400.00	\$800.00
40	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	4	EACH	\$750.00	\$3,000.00
41	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	10	EACH	\$1,800.00	\$18,000.00
42	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	1	EACH	\$2,600.00	\$2,600.00
43	CONSTRUCT DRAINAGE STRUCTURE DESIGN 2x3 CATCH BASIN	2	EACH	\$1,050.00	\$2,100.00
44	POND OUTLET STRUCTURE	2	EACH	\$3,200.00	\$6,400.00
45	CASTING ASSEMBLY	19	EACH	\$225.00	\$4,275.00

ENGINEER'S ESTIMATE FOR SITE IMPROVEMENTS
BUNKER LAKE INDUSTRIAL PARK BUILDING #4 - RAMSEY, MN
JUNE 9, 2021

SUMMARY OF SITE IMPROVEMENT COSTS

TOTAL ESTIMATED CONSTRUCTION COST OF GRADING	\$111,290.00
TOTAL ESTIMATED CONSTRUCTION COST OF UTILITIES	\$159,524.00
TOTAL ESTIMATED CONSTRUCTION COST OF PARKING LOT AND STREET	\$401,947.00
TOTAL ESTIMATED CONSTRUCTION COST OF LANDSCAPING	\$103,239.00
TOTAL ESTIMATED COST OF SITE IMPROVEMENTS	\$776,000.00