

**PRELIMINARY PROJECT COST ESTIMATE**

12/27/2016

**LIBRARY LAKE SW WETLAND**

BEAVER DAM LAKE MANAGEMENT DISTRICT

CUMBERLAND, WISCONSIN

EOR PROJECT NO. 00909-0011

Item No.	Item Code	Item	Unit	Estimated Quantity	Unit Cost	Total Cost
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**Part I - General/Erosion Control**

1	619.1000	MOBILIZATION	LS	1	\$17,000.00	\$17,000.00
2	643.0100	TRAFFIC CONTROL	LS	1	\$3,000.00	\$3,000.00
3	628.7504	SEDIMENT CONTROL LOG, TYPE WOOD FIBER - INSTALL, MAINT., REMOVAL	LF	745	\$5.00	\$3,725.00
4	SPECIAL	TEMPORARY TREE PROTECTION FENCE	LF	305	\$5.00	\$1,525.00
5	628.7560	STABILIZED CONSTRUCTION EXIT - INSTALL, MAINT., REMOVAL	EA	1	\$1,200.00	\$1,200.00
6	628.7000	STORM DRAIN INLET PROTECTION - INSTALL, MAINT., REMOVAL	EA	5	\$150.00	\$750.00
7	628.2002	EROSION CONTROL BLANKET - CLASS 1, TYPE A (NET FREE)	SY	1057	\$2.40	\$2,536.80
8	SPECIAL	ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES	ALLOW	1	\$3,000.00	\$3,000.00

**Total Part I**

**\$32,736.80**

**Part 2 - Removals**

9	201.0110	CLEAR AND GRUBB	LS	1	\$16,000.00	\$16,000.00
10	204.0280	REMOVE EXISTING PIPE	LS	1	\$1,000.00	\$1,000.00
11	204.0210	REMOVE EXISTING MANHOLE	EA	1	\$1,000.00	\$1,000.00
12	204.0110	SAWCUT AND REMOVE ASPHALTIC SURFACE	SY	340	\$9.50	\$3,230.00

**Total Part 2**

**\$21,230.00**

**Part 3 - Grading**

13	205.0100	COMMON EXCAVATION	CY	1713	\$15.00	\$25,695.00
14	625.0500	SALVAGE & RESPREAD TOPSOIL	SY	3050	\$3.00	\$9,150.00
15	606.0200	RIPRAP, MEDIUM (FOR BERMS)	CY	38	\$70.00	\$2,660.00

**Total Part 3**

**\$37,505.00**

**Part 4 - Storm Sewer**

16	SPECIAL	CONNECTION TO EXISTING STORM SEWER	EA	1	\$1,320.00	\$1,320.00
17	611.0410	RECONSTRUCT EXISTING CATCH BASIN	EA	1	\$1,400.00	\$1,400.00
18	611.0000	ST MANHOLE 1 - 48" DIA.	EA	1	\$3,000.00	\$3,000.00
19	611.2006	ST MANHOLE 2 - 72" DIA. W/SUMP	EA	1	\$5,000.00	\$5,000.00
20	611.2005	ST MANHOLE 3 - 60" DIA. LOW FLOW DIVERTER	EA	1	\$4,000.00	\$4,000.00
21	612.0000	30" RCP STORM SEWER	LF	108	\$84.00	\$9,072.00
22	612.0000	12" RCP STORM SEWER	LF	24	\$55.00	\$1,320.00
23	612.0000	30" HDPE BYPASS PIPE	LF	58	\$74.00	\$4,292.00
24	SPECIAL	SEDIMENT CHAMBER, 6020 WQU	EA	1	\$19,800.00	\$19,800.00
25	611.0000	48" DIA. PRECAST CONCRETE BYPASS MANHOLE	EA	2	\$3,000.00	\$6,000.00
26	SPECIAL	24" DIA. HDPE RISER PIPE	EA	2	\$1,680.00	\$3,360.00
27	SPECIAL	REINFORCED CONCRETE COLLAR (RISER MANHOLE CAP)	EA	2	\$1,020.00	\$2,040.00
28	SPECIAL	REINFORCED CONCRETE COLLAR (RISER CONNECTION AT TANK)	EA	2	\$1,500.00	\$3,000.00
29	611.0530	NEENAH FRAME AND CASTING	EA	7	\$600.00	\$4,200.00
30	SPECIAL	30" FLARED END SECTION	EA	1	\$3,000.00	\$3,000.00
31	606.0200	RIPRAP, MEDIUM (W FILTER FABRIC)	CY	8	\$70.00	\$560.00
32	SPECIAL	OUTLET STRUCTURE (2x60" DIA. STMH AND FRAME & CASTINGS, 30" RCP	EA	1	\$10,000.00	\$10,000.00

**Total Part 4**

**\$81,364.00**

**Part 5 - Restoration**

33	350.0115	SUBGRADE REPAIR - ROADWAY	SY	340	\$23.75	\$8,075.00
34	465.0110	BITUMINOUS PAVEMENT REPAIR - ROADWAY	SY	340	\$36.00	\$12,240.00
35	630.0175	SEED - WISDOT MIX 75	LB	19	\$120.00	\$2,280.00
36	630.0400	SEED - NURSE CROP	LB	63	\$24.00	\$1,512.00
37	628.2002	EROSION MAT (CLASS I, TYPE A)	SY	3000	\$2.00	\$6,000.00
38	632.0101	DECIDUOUS TREE	EA	22	\$400.00	\$8,800.00
39	632.0201	DECIDUOUS SHRUB	EA	78	\$60.00	\$4,680.00
40	631.1000	TURF SOD	SY	100	\$8.00	\$800.00
41	628.2031	TURF REINFORCEMENT MAT - CLASS III, TYPE A	SY	80	\$14.00	\$1,120.00
42	SPECIAL	2-Year Vegetation Establishment/Maintenance Warranty Period (To Start After Final Payment)	LS	1	\$6,000.00	\$6,000.00

**Total Part 5**

**\$51,507.00**

<b>Total Construction Estimate</b>	<b>\$224,342.80</b>
<b>Geotechnical Investigation and Review (Includes Soil Borings)</b>	<b>\$5,000.00</b>
<b>Design Updates and Bidding Administration</b>	<b>\$15,000.00</b>
<b>Grant Administration and Project Management</b>	<b>\$4,000.00</b>
<b>Construction Administration</b>	<b>\$18,000.00</b>

**TOTAL \$266,342.80**