



**MARSH LAKE ROAD  
VICTORIA, MINNESOTA  
FOCUS PROJECT NO. 2015.226**

**ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST  
OPTION 3 - NO SELECT GRANULAR BORROW**

**DATE: JULY 2019**

Item	Description	Quantity	Unit	Unit price	Total Cost
1	MOBILIZATION	1.00	LS	\$50,000.00	\$50,000
2	TRAFFIC CONTROL	1.00	LS	\$25,000.00	\$25,000
3	SILT FENCE	1,400.00	LF	\$2.25	\$3,150
4	SALVAGE MAILBOX	13.00	EA	\$30.00	\$390
5	SAWCUT PAVEMENT (ALL TYPES)	100.00	LF	\$2.50	\$250
6	REMOVE & DISPOSE OF EXIST. CULVERT	220.00	LF	\$12.00	\$2,640
7	SUBGRADE CORRECTION	2,938.33	CY	\$30.00	\$88,150
8	RECLAIM EX. BIT. AND BASE MATERIALS, 8-INCH DEPTH	5,400.00	SY	\$2.00	\$10,800
9	PREPARATION OF AGGREGATE SURFACE	88.15	RS	\$225.00	\$19,834
10	CLASS 5, AGGREGATE BASE, 100% CRUSHED LIMESTONE	4,990.00	TN	\$15.00	\$74,850
11	2360 BITUMINOUS NON-WEARING COURSE	3,280.00	TN	\$68.00	\$223,040
12	2360 BITUMINOUS WEARING COURSE	3,280.00	TN	\$70.00	\$229,600
13	BITUMINOUS MATERIAL FOR TACK COAT	1,370.00	GAL	\$2.00	\$2,740
14	2360 TYPE LV4 BITUMINOUS WEAR COURSE, DRIVES	1,300.00	SY	\$30.00	\$39,000
15	2' AGGREGATE SHOULDERING	951.15	TN	\$20.00	\$19,023
16	6" PVC PERF CENTERLINE DRAIN W/BACKFILL & WRAP	8,815.00	LF	\$18.00	\$158,670
17	6" PVC NONPERF CLEANOUT	499.52	LF	\$35.00	\$17,483
18	15" RCP STORM SEWER PIPE- CULVERTS	220.00	LF	\$24.00	\$5,280
19	DITCH GRADING	1,763.00	LF	\$11.00	\$19,393
20	STRIP STOCKPILE AND REPLACE TOPSOIL	7,835.56	SY	\$1.50	\$11,753
21	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	7,840.00	SY	\$2.50	\$19,600
22	INSTALL SALVAGED MAILBOX	13.00	EA	\$70.00	\$910
23	STRIPING - 4" YELLOW STRIPING	8,815.00	LF	\$0.50	\$4,408
24	STRIPING - 4" WHITE STRIPING	17,630.00	LF	\$0.25	\$4,408

Subtotal Estimated Construction Cost: \$1,031,000

Contingencies:	\$155,000
Easement and Right-of-way Acquisition:	\$0
Engineering Services (Design and Construction Administration):	\$144,000
Construction Observation:	\$62,000
Geotechnical Engineering:	\$15,000
Legal, Fiscal and Administration	\$31,000

**Total Estimated Project Cost: \$1,438,000**

\*The estimated costs are according to average prices received on similar projects in other areas. The actual costs for this project will be determined through a bidding process and can vary with market conditions at the time of the bid.

**MARSH LAKE ROAD  
VICTORIA, MINNESOTA  
FOCUS PROJECT NO. 2015.226**

**ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST  
OPTION 3 - WITH SELECT GRANULAR BORROW (SAND)**

**DATE: JULY 2019**

Item	Description	Quantity	Unit	Unit price	Total Cost
1	MOBILIZATION	1.00	LS	\$70,000.00	\$70,000
2	TRAFFIC CONTROL	1.00	LS	\$35,000.00	\$35,000
3	SILT FENCE	1,400.00	LF	\$2.25	\$3,150
4	SALVAGE MAILBOX	13.00	EA	\$30.00	\$390
5	SAWCUT PAVEMENT (ALL TYPES)	100.00	LF	\$2.50	\$250
6	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	5,288.89	SY	\$2.00	\$10,578
7	REMOVE & DISPOSE OF EXIST. CULVERT	220.00	LF	\$12.00	\$2,640
8	COMMON EXCAVATION (CV) (P)	20,459.51	CY	\$15.00	\$306,893
9	SUBGRADE CORRECTION	1,044.74	CY	\$26.00	\$27,163
10	SUBGRADE PREPARATION	88.15	RS	\$225.00	\$19,834
11	SELECT GRANULAR BORROW (CV), SPEC 3149.2B	10,447.41	CY	\$23.00	\$240,290
12	CLASS 5, AGGREGATE BASE, 100% CRUSHED LIMESTONE	15,220.00	TN	\$15.00	\$228,300
13	2360 BITUMINOUS NON-WEARING COURSE	3,280.00	TN	\$68.00	\$223,040
14	2360 BITUMINOUS WEARING COURSE	2,460.00	TN	\$70.00	\$172,200
15	BITUMINOUS MATERIAL FOR TACK COAT	1,370.00	GAL	\$2.00	\$2,740
16	2360 TYPE LV4 BITUMINOUS WEAR COURSE, DRIVES	1,300.00	SY	\$30.00	\$39,000
17	2' AGGREGATE SHOULDERING	832.26	TN	\$20.00	\$16,645
18	6" PVC PERF DRAIN TILE W/BACKFILL & WRAP - LOW POINTS	1,000.00	LF	\$18.00	\$18,000
19	6" PVC NONPERF CLEANOUT	20.00	LF	\$35.00	\$700
20	15" RCP STORM SEWER PIPE- CULVERTS	220.00	LF	\$24.00	\$5,280
21	DITCH GRADING	1,763.00	LF	\$11.00	\$19,393
22	STRIP STOCKPILE AND REPLACE TOPSOIL	15,671.11	SY	\$1.50	\$23,507
23	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	15,670.00	SY	\$2.50	\$39,175
24	INSTALL SALVAGED MAILBOX	13.00	EA	\$70.00	\$910
25	STRIPING - 4" YELLOW STRIPING	8,815.00	LF	\$0.50	\$4,408
26	STRIPING - 4" WHITE STRIPING	17,630.00	LF	\$0.25	\$4,408
Subtotal Estimated Construction Cost:					\$1,514,000
Contingencies:				\$227,000	
Easement and Right-of-way Acquisition:				\$0	
Engineering Services (Design and Construction Administration):				\$212,000	
Construction Observation:				\$91,000	
Geotechnical Engineering:				\$23,000	
Legal, Fiscal and Administration				\$45,000	
<b>Total Estimated Project Cost:</b>					<b>\$2,112,000</b>

\*The estimated costs are according to average prices received on similar projects in other areas. The actual costs for this project will be determined through a bidding process and can vary with market conditions at the time of the bid.