

**PRELIMINARY COST ESTIMATE  
FOR  
MICHELSON ROAD IMPROVEMENTS**

**50% Complete Design  
NFE Project No. K836**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization, Max (10%)	1	LSUM	\$ 60,000.00	\$ 60,000.00
2	Pavt, Rem	20	SYD	\$ 20.00	\$ 400.00
3	Tree, Rem, Mod	3	EA	\$ 700.00	\$ 2,100.00
4	Sewer, Rem, Less Than 24 Inch	105	FT	\$ 35.00	\$ 3,675.00
5	Audio and Video Coverage	1	LSUM	\$ 1,100.00	\$ 1,100.00
6	Sanitary Manhole Cover, Adjust	7	EA	\$ 650.00	\$ 4,550.00
7	Sanitary Manhole Reconstruct	10	VFT	\$ 250.00	\$ 2,500.00
8	Drainage Structure Cover, Adjust	10	EA	\$ 650.00	\$ 6,500.00
9	Drainage Structure Reconstruct	10	VFT	\$ 150.00	\$ 1,500.00
10	Dr Structure, Tap, 12 Inch	2	EA	\$ 1,300.00	\$ 2,600.00
11	Exploratory Exploration, Vertical	20	FT	\$ 200.00	\$ 4,000.00
12	Water Shutoff, Adj, Case 1, Mod	15	EA	\$ 650.00	\$ 9,750.00
13	Erosion Control, Filter Bag	2	EA	\$ 90.00	\$ 180.00
14	Erosion Control, Silt Fence	2,220	FT	\$ 2.00	\$ 4,440.00
15	Erosion Control, Check Dam, Stone, Mod	2	EA	\$ 500.00	\$ 1,000.00
16	Construction Access Mud Mat	300	SYD	\$ 12.00	\$ 3,600.00
17	Subgrade Undercutting, Type X	600	CY	\$ 55.00	\$ 33,000.00
18	Machine Grading, Mod	1	LSUM	\$ 150,000.00	\$ 150,000.00
19	Aggregate Base, 4 Inch	570	SYD	\$ 10.00	\$ 5,700.00
20	Aggregate Base, 12 Inch	3,150	SYD	\$ 12.00	\$ 37,800.00
21	HMA, 4E3, Mod	380	TON	\$ 80.00	\$ 30,400.00
22	HMA, 5E3, Mod	370	TON	\$ 90.00	\$ 33,300.00
23	Hand Patching, Mod	5	TON	\$ 110.00	\$ 550.00
24	Sidewalk, Conc, 4 Inch	120	SF	\$ 5.00	\$ 600.00
25	Shoulder CL I, 4 Inch	775	SYD	\$ 9.00	\$ 6,975.00
26	Dr Structure, 24 Inch Dia, Mod	1	EA	\$ 2,000.00	\$ 2,000.00
27	Dr Structure, 48 Inch Dia, Mod	2	EA	\$ 2,400.00	\$ 4,800.00
28	Sewer, HDPE, 3 Inch, Tr Det B	520	FT	\$ 15.00	\$ 7,800.00
29	Sewer, HDPE, 8 Inch, Tr Det A	510	FT	\$ 25.00	\$ 12,750.00
30	Sewer, HDPE, 8 Inch, Tr Det B	100	FT	\$ 40.00	\$ 4,000.00
31	Sewer, CL IV, 12 Inch, Tr Det B	50	FT	\$ 80.00	\$ 4,000.00
32	Culv, CL A, CSP, 12 Inch, Mod	250	FT	\$ 100.00	\$ 25,000.00
33	Topsoil Surface, 3 Inch and Seeding	3,750	SYD	\$ 5.00	\$ 18,750.00
34	Topsoil Surface, 3 Inch and Sodding	500	SYD	\$ 9.00	\$ 4,500.00
35	Water, Sodding and Seeding	50	Units	\$ 40.00	\$ 2,000.00
36	Traffic Maintenance and Control	1	LSUM	\$ 30,000.00	\$ 30,000.00
37	Project Cleanup	1	LSUM	\$ 15,000.00	\$ 15,000.00
38	Dr Structure Cover, Mod	1,200	LBS	\$ 3.00	\$ 3,600.00
<b>Subtotal Michelson Road Improvement Costs</b>					<b>\$ 540,420.00</b>
<b>Contingency</b>					<b>20% \$ 108,084.00</b>
<b>Total Michelson Road Improvement Cost</b>					<b>\$ 648,504.00</b>