



Lansing • Gaylord • Grand Rapids

123 West Main Street  
 Suite 200  
 P.O. Box 1398  
 Gaylord, MI 49734  
 P: 989.732.8131  
 F: 989.732.2714  
 info@c2ae.com  
 www.c2ae.com

**CITY OF GAYLORD**  
**McVANNEL ROAD EXTENSION**  
**Preliminary Opinion of Probable Construction Cost**

**McVannel Road Extension - M-32 to Van Tyle Road**

Item #	ITEM DESCRIPTION	Estimated Quantity	Item Unit	Unit Price	Total Price
1	Mobilization, Max. 10%	1	Lsum	\$61,200.00	\$61,200.00
2	Clearing	12	Acre	\$2,500.00	\$30,000.00
3	4' Dia. Storm Manhole including Casting	8	Each	\$1,500.00	\$12,000.00
4	2' Dia. Storm Catch Basin including Casting	16	Each	\$1,200.00	\$19,200.00
5	24" Dia. Storm Sewer	800	Ft	\$30.00	\$24,000.00
6	18" Dia. Storm Sewer	800	Ft	\$25.00	\$20,000.00
7	12" Dia. Storm Sewer	1100	Ft	\$20.00	\$22,000.00
8	Machine Grading Modified - City	24.6	Sta	\$2,500.00	\$61,500.00
9	Machine Grading Modified - County	13.5	Sta	\$2,500.00	\$33,750.00
10	Aggregate Base, 6 inch	16500	Syd	\$4.50	\$74,250.00
11	Shoulder, Cl II, 4 inch	900	Syd	\$3.50	\$3,150.00
12	Concrete Curb & Gutter, Detail F4	5500	Ft	\$14.00	\$77,000.00
13	HMA, 385 lb/syd	2400	Ton	\$60.00	\$144,000.00
14	HMA Path, 220 lb/syd	500	Ton	\$75.00	\$37,500.00
15	HMA Approach	50	Ton	\$80.00	\$4,000.00
16	Retention Basin	1300	Cyd	\$10.00	\$13,000.00
17	Slope Restoration	12300	Syd	\$3.00	\$36,900.00
<b>SUBTOTAL</b>					<b>\$673,500.00</b>
<b>20% CONTINGENCY</b>					<b>\$134,700.00</b>
<b>15% ENGINEERING</b>					<b>\$101,000.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$808,200.00</b>

- \*Estimate assumes 33' back to back City standard street between M-32 and City Limits
- \*Estimate assumes 30' wide paved road with 3' wide gravel shoulders and ditching for south 1350'
- \*Estimate does not include sanitary & water utilities
- \*Estimate does not include cost of property required for construction of Retention Basin - approx. 0.45 acre



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**CITY OF GAYLORD  
 McVANNEL ROAD EXTENSION  
 Preliminary Opinion of Probable Construction Cost**

**New Access Drive from Dickerson Road to McVannel Extended (south of Edelweiss Plaza)**

Item #	ITEM DESCRIPTION	Estimated Quantity	Item Unit	Unit Price	Total Price
1	Mobilization, Max. 10%	1	Lsum	\$58,200.00	\$58,200.00
2	Clearing	3	Acre	\$2,500.00	\$7,500.00
3	Relocate Trees	50	Each	\$200.00	\$10,000.00
4	4' Dia. Storm Manhole including Casting	11	Each	\$1,500.00	\$16,500.00
5	2' Dia. Storm Catch Basin including Casting	22	Each	\$1,200.00	\$26,400.00
6	24" Dia. Storm Sewer	1100	Ft	\$30.00	\$33,000.00
7	18" Dia. Storm Sewer	1100	Ft	\$25.00	\$27,500.00
8	12" Dia. Storm Sewer	1550	Ft	\$20.00	\$31,000.00
9	Machine Grading Modified - City	34	Sta	\$2,500.00	\$85,000.00
10	Aggregate Base, 6 inch	14360	Syd	\$4.50	\$64,620.00
11	Concrete Curb & Gutter, Detail F4	7000	Ft	\$14.00	\$98,000.00
12	HMA, 385 lb/syd	2060	Ton	\$60.00	\$123,600.00
13	HMA Path, 220 lb/syd	440	Ton	\$75.00	\$33,000.00
14	Slope Restoration	8700	Syd	\$3.00	\$26,100.00
<b>SUBTOTAL</b>					<b>\$640,400.00</b>
<b>20% CONTINGENCY</b>					<b>\$128,100.00</b>
<b>15% ENGINEERING</b>					<b>\$96,100.00</b>
<b>TOTAL PROJECT COST</b>					<b>\$864,600.00</b>

- \*Estimate assumes 33' back to back City standard street between M-32 and City Limits
- \*Estimate does not include sanitary & water utilities
- \*Estimate does not include cost of property acquisition



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**CITY OF GAYLORD**  
**Mankowski Road Extension**  
**Preliminary Opinion of Probable Construction Costs**

**Mankowski Rd. - Home Depot Parking lot to existing Cul-de-sac dead end**

Item #	ITEM DESCRIPTION	Estimated Quantity	Item Unit	Unit Price	Total Price
1	Adjust Drainage Structure or Manhole and Replace Casting	1	EACH	\$750.00	\$750.00
2	Remove Concrete Curb & Gutter	300	LFT	\$3.00	\$900.00
3	2' Dia. Catch Basin including Casting	6	EACH	\$1,200.00	\$7,200.00
4	4' Dia. Manhole including Casting	2	EACH	\$1,500.00	\$3,000.00
5	6' Dia. Manhole including Casting	1	EACH	\$5,000.00	\$5,000.00
6	12" Dia. Storm Sewer	900	LFT	\$18.00	\$16,200.00
7	Machine Grading Modified	9.0	STA	\$2,500.00	\$22,500.00
8	6" 22A Aggregate Base	4,850	SYD	\$4.50	\$21,825.00
9	HMA Pavement (3 1/2 inches)	650	TON	\$60.00	\$39,000.00
10	HMA Approach Driveways (3 1/2 inches)	100	TON	\$80.00	\$8,000.00
11	HMA Path (2 inches)	110	TON	\$75.00	\$8,250.00
12	Concrete Curb & Gutter, MDOT Detail F-4	1,900	LFT	\$14.00	\$26,600.00
13	Embankment at MDOT Storm Basin	1	LSUM	\$3,500.00	\$3,500.00
14	Guardrail at MDOT Storm Basin	200	LFT	\$45.00	\$9,000.00
15	Relocate Fence at MDOT Basin	1	LSUM	\$500.00	\$500.00
16	Restoration 3' Topsoil & Seed & Mat	4,000	SYD	\$3.00	\$12,000.00
17	Tree, Malus 'Spring Snow', Spring Snow Crabapple, 2" B&B	2	EACH	\$350.00	\$700.00
18	Tree, Ginkgo Biloba, Ginkgo, 2" B&B	2	EACH	\$350.00	\$700.00
19	Tree, Acer rubrum, RedMaple, 2" B&B	2	EACH	\$350.00	\$700.00
<b>SUBTOTAL=</b>					<b>\$186,300.00</b>
<b>20% CONTINGENCY &amp; ENGINEERING =</b>					<b>\$37,300.00</b>
<b>15% ENGINEERING =</b>					<b>\$27,900.00</b>
<b>TOTAL=</b>					<b>\$223,600.00</b>



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**CITY OF GAYLORD**  
**Dickerson Road Reconstruction**  
**Preliminary Opinion of Probable Construction Costs**

**Dickerson Road between VanTyle & Milbocker Rd.**

Item #	ITEM DESCRIPTION	Estimated Quantity	Item Unit	Unit Price	Total Price
1	Mobilization	1	LSUM	\$38,000.00	\$38,000.00
2	Adjust Drainage Structure or Manhole	16	EACH	\$350.00	\$5,600.00
3	Adjust Gate Valve	20	EACH	\$250.00	\$5,000.00
4	Remove Concrete Curb & Gutter	300	LFT	\$5.00	\$1,500.00
5	Machine Grading Modified	52.0	STA	\$2,000.00	\$104,000.00
6	6" 22A Aggregate Base (Driveways & Bike Path)	8,200	SYD	\$4.00	\$32,800.00
7	8" 22A Aggregate Base	18,500	SYD	\$5.00	\$92,500.00
8	Shoulder, CI II, 6 inch	1,100	SYD	\$4.50	\$4,950.00
9	HMA Pavement (5 inches)	5,400	TON	\$60.00	\$324,000.00
10	HMA Approach (3 1/2 inches) (Driveways)	600	TON	\$85.00	\$51,000.00
11	HMA Bike Path (2 inches)	520	TON	\$85.00	\$44,200.00
12	MDOT Detail M Drive Opening	250	LFT	\$15.00	\$3,750.00
13	Concrete Curb & Gutter, MDOT Detail F-4	600	LFT	\$12.00	\$7,200.00
14	Traffic Control and Signage	1	LSUM	\$15,000.00	\$15,000.00
15	Pavement Markings	1	LSUM	\$2,000.00	\$2,000.00
16	Restoration 3" Topsoil & Seed & Mat	10,000	SYD	\$3.50	\$35,000.00
<b>SUBTOTAL=</b>					<b>\$766,500.00</b>
<b>20% CONTINGENCY =</b>					<b>\$153,300.00</b>
<b>15% ENGINEERING =</b>					<b>\$114,975.00</b>
<b>TOTAL=</b>					<b>\$1,034,775.00</b>

Assumptions:

1. 12' lanes with 4' paved shoulders and 1' agg shoulders
2. 8" Agg base & 5 inches HMA Pavement (3C/4C)
3. 8' HMA bike path along one side
4. No sanitary or water improvements