



Basswood Intersections

- High Country
- Grand Central
- \$4,100,000



City of Saginaw

Preliminary Roadway Project Cost Projection

Project Information:		Description:
Name:	Basswood Blvd Roundabout	OPCC - NO DESIGN COMPLETED Reconstruct the intersection of High Country Trail to multi-lane roundabout.
Limits:	High Country Trail	
Length (lf):	N/A	

Roadway Construction Cost Projection						
No.	Item Description	Quantity	Unit	Unit Price	Item Cost	
1	Earthwork	2,100	cy	\$ 35.00	\$ 73,500	
2	Existing Pavement Removal	4,200	sy	\$ 22.00	\$ 92,400	
3	8" Flexbase	3,600	sy	\$ 30.00	\$ 108,000	
4	9" Concrete Pavement	3,300	sy	\$ 110.00	\$ 363,000	
5	10" Colored Concrete Truck Apron	230	sy	\$ 250.00	\$ 57,500	
6	4" Colored/Stamped Concrete	80	sy	\$ 250.00	\$ 20,000	
7	Pedestrian Curb Ramps	14	ea	\$ 3,500.00	\$ 49,000	
8	4" Concrete Sidewalk	1,900	sf	\$ 10.00	\$ 19,000	
Paving Construction Cost Subtotal:					\$ 782,400	
Item Description		Notes		Allowance	Item Cost	
☒	Mobilization			10%	\$ 78,300	
☒	Site Preparation			5%	\$ 39,200	
☒	Traffic Control			10%	\$ 78,300	
☒	Pavement Markings/Markers			5%	\$ 39,200	
☒	Drainage Adjustments			10%	\$ 78,300	
☐	Special Drainage Structures				\$ -	
☒	Water			Minor Adjustments	3%	\$ 23,500
☒	Sewer			Minor Adjustments	3%	\$ 23,500
☒	Landscaping (Basic)			Median and Parkway hydroseed	5%	\$ 39,200
☐	Landscaping (Special)			Median Trees		\$ -
☒	Irrigation				5%	\$ 39,200
☒	Illumination				7%	\$ 54,800
☒	Central Island Hardscaping					\$ 100,000
☐	Other:					
Allowance Subtotal:					\$ 593,500	
Paving and Allowance Subtotal:					\$ 1,375,900	
Construction Contingency (+/-):				20%	\$ 324,100	
Construction Cost TOTAL:					\$ 1,700,000	

Project Cost Summary				
Item Description	Notes:	Start Year	Allowance	Item Cost
Construction:			-	\$ 1,700,000
Engineering, Geotech, Survey, Bidding, CCA			20%	\$ 300,000
ROW/Easement Acquisition:				\$ 50,000
Inflation Contingency:				\$ -
Project Cost TOTAL:				\$ 2,050,000

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

City of Saginaw

Preliminary Roadway Project Cost Projection

Project Information:		Description:
Name:	Basswood Blvd Roundabout	OPCC - NO DESIGN COMPLETED Reconstruct the intersection of Grand Central Pkwy to multi-lane roundabout.
Limits:	Grand Central Parkway	
Length (lf):	N/A	

Roadway Construction Cost Projection						
No.	Item Description	Quantity	Unit	Unit Price	Item Cost	
1	Earthwork	2,400	cy	\$ 35.00	\$ 84,000	
2	Existing Pavement Removal	4,800	sy	\$ 22.00	\$ 105,600	
3	8" Flexbase	3,500	sy	\$ 30.00	\$ 105,000	
4	9" Concrete Pavement	3,200	sy	\$ 110.00	\$ 352,000	
5	10" Colored Concrete Truck Apron	230	sy	\$ 250.00	\$ 57,500	
6	4" Colored/Stamped Concrete	150	sy	\$ 250.00	\$ 37,500	
7	Pedestrian Curb Ramps	7	ea	\$ 3,500.00	\$ 24,500	
8	4" Concrete Sidewalk	1,800	sf	\$ 10.00	\$ 18,000	
Paving Construction Cost Subtotal:					\$ 784,100	
Item Description		Notes		Allowance	Item Cost	
☒	Mobilization			10%	\$ 78,500	
☒	Site Preparation			5%	\$ 39,300	
☒	Traffic Control			10%	\$ 78,500	
☒	Pavement Markings/Markers			5%	\$ 39,300	
☒	Drainage Adjustments			10%	\$ 78,500	
☐	Special Drainage Structures				\$ -	
☒	Water			Minor Adjustments	3%	\$ 23,600
☒	Sewer			Minor Adjustments	3%	\$ 23,600
☒	Landscaping (Basic)			Median and Parkway hydroseed	5%	\$ 39,300
☐	Landscaping (Special)			Median Trees		\$ -
☒	Irrigation				5%	\$ 39,300
☒	Illumination				7%	\$ 54,900
☒	Central Island Hardscaping					\$ 100,000
☐	Other:					
Allowance Subtotal:					\$ 594,800	
Paving and Allowance Subtotal:					\$ 1,378,900	
Construction Contingency(+/-):					20% \$ 321,100	
Construction Cost TOTAL:					\$ 1,700,000	

Project Cost Summary				
Item Description	Notes:	Start Year	Allowance	Item Cost
Construction:			-	\$ 1,700,000
Engineering, Geotech, Survey, Bidding, CCA			20%	\$ 300,000
ROW/Easement Acquisition:				\$ 50,000
Inflation Contingency:				\$ -
Project Cost TOTAL:				\$ 2,050,000

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