

City of Rochester Hills
Dunning Rd SAD Project
Preliminary Plan
Engineers Opinion of Probable Construction Cost
10/24/2025

S.P.	Item	Item Description	Quantity	Unit	Unit Price	Total Cost
*	1100001	Mobilization, Max	1	Lsum	\$ 32,000.00	\$ 32,000.00
	2040025	Fence, Rem	32	Ft	\$ 10.00	\$ 320.00
	2040035	Guardrail, Rem	16	Ft	\$ 3.00	\$ 48.00
	2040050	Pavt, Rem	125	Syd	\$ 12.00	\$ 1,500.00
	2040080	Exploratory Investigation, Vertical	50	Ft	\$ 100.00	\$ 5,000.00
*	2057002	Station Grading, Spec	4.5	Sta	\$ 9,500.00	\$ 42,750.00
*	2057021	Subgrade Undercutting, 1 x 3, Spec	250	Cyd	\$ 85.00	\$ 21,250.00
	2080020	Erosion Control, Inlet Protection, Fabric Drop	3	Ea	\$ 150.00	\$ 450.00
	2080036	Erosion Control, Silt Fence	330	Ft	\$ 6.00	\$ 1,980.00
*	2097051	Project Cleanup, Special	1	Lsum	\$ 7,500.00	\$ 7,500.00
*	3027011	Aggregate Base, 4 inch, Spec	253	Syd	\$ 20.00	\$ 5,060.00
*	3027011	Aggregate Base, 8 inch, Spec	1570	Syd	\$ 25.00	\$ 39,250.00
	3060020	Maintenance Gravel	50	Ton	\$ 40.00	\$ 2,000.00
*	3080010	Geogrid, Spec	250	Syd	\$ 5.00	\$ 1,250.00
	4030006	Dr Structure Cover, Adj, Case 2	6	Ea	\$ 600.00	\$ 3,600.00
	4030010	Dr Structure Cover, Type B	3	Ea	\$ 1,000.00	\$ 3,000.00
	4030040	Dr Structure Cover, Type G	1	Ea	\$ 1,000.00	\$ 1,000.00
	4030045	Dr Structure Cover, Type J	2	Ea	\$ 1,000.00	\$ 2,000.00
	4030280	Dr Structure, Adj, Add Depth	25	Ft	\$ 300.00	\$ 7,500.00
	4030290	Dr Structure, Cleaning	5	Ea	\$ 300.00	\$ 1,500.00
*	4037001	DPS Structure Cover, Adj, Add Depth, Spec	15	Ft	\$ 300.00	\$ 4,500.00
*	4037050	DPS Structure Cover, Adj, Case 2, Spec	3	Ea	\$ 1,000.00	\$ 3,000.00
*	4037050	DPS Structure Cover, Spec	2	Ea	\$ 1,000.00	\$ 2,000.00
	4047001	Underdrain, Subgrade, Open-Graded, 6 inch, Spec	923	Ft	\$ 20.00	\$ 18,460.00
	5012013	HMA, 3EML	175	Ton	\$ 120.00	\$ 21,000.00
	5012025	HMA, 4EML	140	Ton	\$ 120.00	\$ 16,800.00
	5012037	HMA, 5EML	105	Ton	\$ 130.00	\$ 13,650.00
	8010005	Driveway, Nonreinf Conc, 6 inch	253	Syd	\$ 80.00	\$ 20,240.00
	8020040	Curb and Gutter, Conc, Det B2, Spec	923	Ft	\$ 30.00	\$ 27,690.00
	8020056	Shld Gutter, Conc, Det 2	2	Ea	\$ 800.00	\$ 1,600.00
	8020075	Spillway, Conc	8	Ft	\$ 120.00	\$ 960.00
	8070095	Post, Mailbox	7	Ea	\$ 100.00	\$ 700.00
	8100371	Post, Steel, 3 pound	60	Ft	\$ 11.00	\$ 660.00
	8100402	Sign, Type III, Erect, Salv	5	Ea	\$ 65.00	\$ 325.00
	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	10	Ea	\$ 75.00	\$ 750.00
	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	10	Ea	\$ 5.00	\$ 50.00
	8120100	Dust Palliative, Applied	10	Ton	\$ 100.00	\$ 1,000.00
	8120170	Minor Traf Devices	1	Lsum	\$ 15,000.00	\$ 15,000.00
	8120370	Traf Regulator Control	1	Lsum	\$ 5,000.00	\$ 5,000.00
	8120252	Plastic Drum, Fluorescent, Furn	30	Ea	\$ 30.00	\$ 900.00

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	8120253	Plastic Drum, Fluorescent, Oper	30	Ea	\$ 1.00	\$ 30.00
	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	30	Ea	\$ 25.00	\$ 750.00
	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	30	Ea	\$ 1.00	\$ 30.00
	8130010	Riprap, Plain	8	Syd	\$ 100.00	\$ 800.00
*	8167011	Turf Establishment, Spec	700	Syd	\$ 10.00	\$ 7,000.00
*	8237050	Sprinkler Head, Relocate	40	Ea	\$ 100.00	\$ 4,000.00
*	8237050	Sprinkler Head, Replace	40	Ea	\$ 100.00	\$ 4,000.00
*	8267050	Reimbursed Permit Fees	2000	Dlr	\$ 1.00	\$ 2,000.00
Construction Cost						\$ 351,853.00

Note: Estimate does not include any cost for:

1. Design, Construction Engineering, Layout, Etc.
2. Impacts to Existing Private Utilities

- Assumptions:**
1. Buried structures accounted for 5' of additional adjustment each (both storm and DPW)
 2. Existing signs will be salvaged and erected. 15' of new poles accounted for each sign
 3. Accounted for around 20% of subgrade undercutting @ 1' depth and 20% for geogrid, rounded up to 250
 4. Buried drainage structures have structure cleaning included
 5. Driveways are 6" conc on 4" aggregate
 6. Roadway cross section assumed to be 6" HMA on 8" Aggregate
 7. HMA lifts for mainline paving is 2.5" of 3EML, 2" of 4EML, and 1.5" of 5EML