



OPINION OF PROBABLE CONSTRUCTION COST

ORCHARD, HILTZ & McCLIMENT, INC.

34000 Plymouth Road, Livonia, Michigan, 48150

Telephone: (734) 522-6711 FAX: (734) 466-4557

PROJECT: Norton Lawn & Hickory Lawn SAD Paving
 LOCATION: Rochester Hills
 WORK: SAD Paving

DATE: June 12, 2015
 PROJECT #: 0190-15-0020
 ESTIMATOR: JN
 CHECKED BY: AB
 CURRENT ENR: ML

ITEM CODE	DESCRIPTION	UNIT	TOTAL	UNIT PRICE	COST
1500001	Mobilization, Max.	LS	1	\$ 72,000.00	\$ 72,000.00
2027050	Tree, Rem, 3 inch to 18 inch	Ea	1	\$ 500.00	\$ 500.00
2047011	Pavt, Rem, Modified	Syd	845	\$ 5.00	\$ 4,225.00
2057002	Station Grading	Sta	43	\$ 2,000.00	\$ 86,000.00
2057021	Subgrade Undercutting, Type II, Modified	Cyd	400	\$ 20.00	\$ 8,000.00
2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	5	\$ 100.00	\$ 500.00
2080022	Erosion Control, Inlet Protection, Geotextile and Stone	Ea	32	\$ 150.00	\$ 4,800.00
2080036	Erosion Control, Silt Fence	Ft	100	\$ 1.50	\$ 150.00
3027011	Aggregate Base, 8 inch, Modified	Syd	10304	\$ 8.00	\$ 82,432.00
3027011	Aggregate Base, 4 inch, Modified	Syd	1681	\$ 5.00	\$ 8,405.00
3060020	Maintenance Gravel	Ton	50	\$ 20.00	\$ 1,000.00
4010094	Culv End Sect, Metal, 12 inch	Ea	51	\$ 200.00	\$ 10,200.00
4010119	Culv End Sect, Salv, 30 inch or less	Ea	128	\$ 100.00	\$ 12,800.00
4010675	Culv, CI F, CSP, 12 inch	Ft	585	\$ 25.00	\$ 14,625.00
4017001	Culvert, Adj	Ft	1659	\$ 15.00	\$ 24,885.00
4021230	Sewer Bulkhead, 12 inch	Ea	4	\$ 300.00	\$ 1,200.00
4027050	Dr Structure Cover, Adj, Case 1, OCWRC	Ea	14	\$ 400.00	\$ 5,600.00
4027050	Dr Structure Cover, Adj, Case 2, OCWRC	Ea	28	\$ 300.00	\$ 8,400.00
4027050	Dr Structure Cover, Adj, Add Depth, OCWRC	Ea	29.464	\$ 200.00	\$ 5,892.80
4030312	Dr Structure, Tap, 12 inch	Ea	18	\$ 450.00	\$ 8,100.00
4037001	DPW Structure Cover, Adj, Add Depth	Ft	13	\$ 200.00	\$ 2,600.00
4037050	DPW Structure Cover, Adj Case 1	Ea	14	\$ 600.00	\$ 8,400.00
4037050	DPW Structure Cover, Adj, Case 2	Ea	1	\$ 500.00	\$ 500.00
4037050	DPW Structure Cover, OCWRC	Ea	7	\$ 375.00	\$ 2,625.00
5010031	HMA, 3C	Ton	224	\$ 75.00	\$ 16,800.00
5010033	HMA, 13A	Ton	113	\$ 90.00	\$ 10,170.00
5010703	HMA, LVSP	Ton	2386	\$ 80.00	\$ 190,880.00
5017001	HMA Speed Hump	Ft	176	\$ 75.00	\$ 13,200.00
8017011	Driveway, Nonreinf Conc, 6 inch, Modified	Syd	727	\$ 40.00	\$ 29,080.00
8070095	Post, Mailbox	Ea	15	\$ 60.00	\$ 900.00
8077050	Post, Mailbox, Relocate	Ea	61	\$ 50.00	\$ 3,050.00
8100402	Sign, Type III, Erect, Salv	Ea	2	\$ 21.00	\$ 42.00
8100405	Sign, Type IIIB	Sft	34	\$ 13.00	\$ 442.00
8107001	Post, Square Tube, 1.75 inch, 12 Gauge	Ft	238	\$ 10.00	\$ 2,380.00
8110159	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	Ft	280	\$ 0.25	\$ 70.00
8120022	Barricade, Type III, High Intensity, Lighted, Furn	Ea	4	\$ 50.00	\$ 200.00
8120023	Barricade, Type III, High Intensity, Lighted, Oper	Ea	4	\$ 1.00	\$ 4.00
8120170	Minor Traf Devices	LS	2	\$ 5,000.00	\$ 10,000.00
8120250	Plastic Drum, High Intensity, Furn	Ea	20	\$ 15.00	\$ 300.00
8120251	Plastic Drum, High Intensity, Oper	Ea	20	\$ 1.00	\$ 20.00



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ITEM CODE	DESCRIPTION	UNIT	TOTAL	UNIT PRICE	COST
8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	131	\$ 3.50	\$ 458.50
8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	131	\$ 1.00	\$ 131.00
8120352	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	25	\$ 5.50	\$ 137.50
8120353	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	25	\$ 1.00	\$ 25.00
8120370	Traffic Regulator Control	LS	2	\$ 15,000.00	\$ 30,000.00
8167011	Slope Restoration	Syd	11112	\$ 4.00	\$ 44,448.00
8507051	Audio Video Route Survey	LS	1	\$ 2,500.00	\$ 2,500.00
8507060	Reimbursed Permit Fees	Dlr	2000	\$ 1.00	\$ 2,000.00
					\$ 731,077.80
Contingency (10%)					\$ 73,107.78
TOTAL OPINION OF PROBABLE CONSTRUCTION COST =					\$ 804,185.58