

C.M. LAVOIE & ASSOCIATES, INC.
 633 ROGERS STREET
 DOWNERS GROVE, ILLINOIS 60515

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JUL 25 2006

Planning and Community
 Development

**PUBLIC IMPROVEMENTS
 ENGINEER'S OPINION OF PROBABLE COST
 FINAL ENGINEERING**

PROJECT NAME : NELSON MEADOW

PROJECT MANAGER: BLH

LOCATION : WEST OF CARPENTER STREET
 DOWNERS GROVE, ILLINOIS

DATE: 7/21/2006

CLIENT NAME : JOEL ANDERSEN HOMES

PROJECT NUMBER: 04-239

PER PLANS LAST REVISED: 7/21/2006

ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
EARTHWORK					
1	6" TOPSOIL STRIP AND STOCKPILE	10,000	SY	\$1.50	\$15,000.00
2	CLAY EXCAVATION	4,000	CY	\$9.00	\$36,000.00
3	TOPSOIL RESPREAD	3,333	SY	\$2.00	\$6,666.00
	TOTAL				\$57,666.00
PAVEMENT					
4	1 1/2 INCH BITUMINOUS SURFACE COURSE, CL I, MIX C, TYPE 3	249	TON	\$45.00	\$11,214.00
5	PRIME COAT	832	GAL	\$1.20	\$998.32
6	1 1/2 INCH BITUMINOUS BINDER COURSE, CL I, MIX B, TYPE 2	192	TON	\$44.00	\$8,462.52
7	10 INCH AGGREGATE BASE COURSE TYPE B, CA-6	1,282	TON	\$50.00	\$64,109.00
8	B6.12 CURB AND GUTTER	1,334	LF	\$12.00	\$16,008.00
9	PCC WALK, 5 INCHES THICK	5,281	SF	\$3.50	\$18,483.50
	TOTAL				\$119,275.34
WATERMAIN					
10	8-INCH DIWM, CL 52	1,203	LF	\$20.00	\$24,052.80
11	1.5-INCH TY K SERVICE (LONG)	6	EA	\$1,000.00	\$6,000.00
12	1.5-INCH TY K SERVICE (SHORT)	5	EA	\$600.00	\$3,000.00
13	CONNECTION TO EXISTING 6 INCH DIWM	2	EA	\$1,000.00	\$2,000.00
14	1.5-INCH BUFFALO BOXES	11	EA	\$300.00	\$3,300.00
15	8" WATERVALVE W/48 INCH VAULT	7	EA	\$1,900.00	\$13,300.00
16	FIRE HYDRANT W/ AUXILIARY VALVE	4	EA	\$1,700.00	\$6,800.00
17	TESTING AND CHLORINATION	1	LS	\$3,500.00	\$3,500.00
18	TRENCH BACKFILL (CA-6)	100	CY	\$18.00	\$1,800.00
	TOTAL				\$63,752.80
SANITARY SEWER					
19	SANITARY MANHOLE TYPE A	2	EA	\$1,500.00	\$3,000.00
20	8" SDR-26 PVC SANITARY SEWER	553	LF	\$20.00	\$11,060.00
21	TRENCH BACKFILL	23	CY	\$18.00	\$414.00
	TOTAL				\$14,474.00
STORM SEWER					
22	12" CMP CULVERT PIPE	75	LF	\$15.50	\$1,162.50
23	12" CMP END SECTIONS	6	EA	\$250.00	\$1,500.00
24	12" RCP STORM SEWER	823	LF	\$18.50	\$15,225.50
25	18" RCP STORM SEWER	156	LF	\$21.50	\$3,354.00
24	15" RCP STORM SEWER	216	LF	\$23.50	\$5,076.00
25	24" RCP STORM SEWER	101	LF	\$26.50	\$2,676.50
26	12" RCP FES	3	EA	\$500.00	\$1,500.00
27	24" RCP FES	1	EA	\$800.00	\$800.00
28	MANHOLE TYPE A	3	EA	\$1,500.00	\$4,500.00
29	CATCH BASIN TYPE A	10	EA	\$1,750.00	\$17,500.00
30	CATCH BASIN TYPE C	6	EA	\$1,000.00	\$6,000.00
31	ADS STORM PURE INSERT	3	EA	\$750.00	\$2,250.00
32	RESTRICTOR STRUCTURE	1	EA	\$2,500.00	\$2,500.00
33	TRENCH BACKFILL	50	CY	\$20.00	\$1,000.00
	TOTAL				\$65,044.50

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ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
EROSION CONTROL					
34	RIP RAP	40	SY	\$50.00	\$2,000.00
35	POND LANDSCAPING (SOD)	3,333	SY	\$2.50	\$8,332.50
36	RETAINING WALL	900	SF	\$30.00	\$27,000.00
37	SILT FENCE	2,215	LF	\$1.50	\$3,322.50
38	HAY BALES WITH FILTER FABRIC	11	EA	\$15.00	\$165.00
39	STABILIZED ENTRANCE	1	LS	\$1,000.00	\$1,000.00
40	STREET SWEEPING/DUST CONTROL	1	LS	\$1,000.00	\$1,000.00
				TOTAL	\$42,820.00
MISCELLANEOUS					
41	STREET LIGHTS	12	EA	\$2,000.00	\$24,000.00
42	WOOD FIBER PATH	1	LS	\$4,000.00	\$4,000.00
				TOTAL	\$28,000.00

GRAND TOTAL \$391,032.64

5% CONTINGENCY \$19,551.63

TOTAL PROJECT COST \$410,584.27