

## ENGINEER'S OPINION OF PROBABLE COST

### OPTION 2

SCOPE - SITE DEMOLITION	QUANTITY	UNITS	UNIT COST	TOTAL COST
SAWCUTS	60.0	L.F.	\$3.00	\$180.00
FULL DEPTH ASPHALT REMOVAL	2,200.0	S.Y.	\$5.00	\$11,000.00
FULL DEPTH CONCRETE REMOVAL	73.0	S.Y.	\$15.00	\$1,095.00
TREE REMOVAL (< 12" DIA.)	28.0	EACH	\$250.00	7,000.00
TREE REMOVAL (12"-18" DIA.)	17.0	EACH	\$500.00	\$8,500.00
TREE REMOVAL (> 18" DIA.)	20.0	EACH	\$750.00	\$15,000.00
CONCRETE RETAINING WALL REMOVAL	160.0	L.F.	\$75.00	\$12,000.00
FENCE REMOVAL	620.0	L.F.	\$2.00	\$1,240.00
UTILITY POLE REMOVAL	8.0	EACH	\$1,000.00	\$8,000.00
SANITARY LINE REMOVAL	140.0	L.F.	\$20.00	\$2,800.00
SANITARY CLEANOUT REMOVAL	2.0	EACH	\$500.00	\$1,000.00
STORM SEWER REMOVAL	610.0	L.F.	\$5.00	\$3,050.00
STORM WALL REMOVAL	1.0	EACH	\$1,000.00	\$1,000.00
WATER SERVICE AND MAIN REMOVAL	220.0	L.F.	\$25.00	\$5,500.00
WATER STRUCTURE REMOVAL	8.0	EACH	\$300.00	\$2,400.00
TOTAL SITE DEMOLITION COST: -----				<b>\$79,765.00</b>

SCOPE - SITE DEVELOPMENT	QUANTITY	UNITS	UNIT COST	TOTAL COST
CONCRETE RETAINING WALL	930.0	S.F.	\$35.00	\$32,550.00
LIGHT POLE (EVERY 200 LF)	4.0	EACH	\$3,000.00	\$12,000.00
UNDERGROUND ELECTRIC (CENTERLINE OF ROAD + CONNECTION)	1,300.0	L.F.	\$10.00	\$13,000.00
TRAFFIC CONTROL	1.0	LUMP	\$2,500.00	\$2,500.00
TOTAL SITE DEVELOPMENT COST: -----				<b>\$60,050.00</b>

SCOPE - PAVEMENT IMPROVEMENTS	QUANTITY	UNITS	UNIT COST	TOTAL COST
ASPHALT PAVEMENT (SURFACE COURSE, 1.50")	120.0	TON	\$100.00	\$12,000.00
ASPHALT PAVEMENT (BINDER COURSE, 2.00")	160.0	TON	\$100.00	\$16,000.00
TACK COAT	140.0	GAL	\$5.00	\$700.00
GRAVEL SURFACE (6" DEPTH) (DRIVEWAYS)	180.0	TON	\$15.00	\$2,700.00
PAVEMENT STRIPING (< 1 ACRE)	1.0	LUMP	\$1,000.00	\$1,000.00
AGGREGATE BASE (10" DEPTH) (ASPHALT PAVEMENT)	750.0	TON	\$15.00	\$11,250.00
TOTAL PAVEMENT IMPROVEMENTS COST: -----				<b>\$43,650.00</b>

SCOPE - STORM SEWER	QUANTITY	UNITS	UNIT COST	TOTAL COST
12" FLARED END SECTION	1.0	EACH	\$1,300.00	\$1,300.00
18" FLARED END SECTION	1.0	EACH	\$2,000.00	\$2,000.00
24" FLARED END SECTION	2.0	EACH	\$2,500.00	\$5,000.00
12" HDPE PIPE	110.0	L.F.	\$25.00	\$2,750.00
18" HDPE PIPE	30.0	L.F.	\$35.00	\$1,050.00
24" HDPE PIPE	200.0	L.F.	\$40.00	\$8,000.00
48" MANHOLE WITH OPEN GRATE (5-7 FT DEPTH)	4.0	EACH	\$4,000.00	\$16,000.00
60" OUTLET STRUCTURE (5-7 FT DEPTH)	1.0	EACH	\$4,000.00	\$4,000.00
TOTAL STORM SEWER COST: -----				<b>\$40,100.00</b>

SCOPE - SANITARY SEWER	QUANTITY	UNITS	UNIT COST	TOTAL COST
4" PVC PIPE (SERVICE CONNECTION) (INCLUDING ALL FITTINGS)	760.0	L.F.	\$50.00	\$38,000.00
8" PVC PIPE (MAIN)	620.0	L.F.	\$40.00	\$24,800.00
48" MANHOLE (5-7 FT DEPTH)	4.0	EACH	\$5,000.00	\$20,000.00
4" CLEAN-OUT (AT EACH CONNECTION)	22.0	EACH	\$500.00	\$11,000.00
CONNECTION TO EXISTING MANHOLE	1.0	EACH	\$1,000.00	\$1,000.00
TOTAL SANITARY SEWER COST: -----				<b>\$94,800.00</b>



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SCOPE - WATER SERVICE	QUANTITY	UNITS	UNIT COST	TOTAL COST
1.5" SERVICE LINE	750.0	L.F.	\$25.00	\$18,750.00
8" D.I.P. PIPE	610.0	L.F.	\$75.00	\$45,750.00
HYDRANT	2.0	EACH	\$4,500.00	\$9,000.00
TEE	1.0	EACH	\$1,500.00	\$1,500.00
45DEG BEND	2.0	EACH	\$250.00	\$500.00
SHUTOFF VALVE BOX (AT EACH PROPERTY)	22.0	EACH	\$1,500.00	\$33,000.00
SERVICE CONNECTION	1.0	EACH	\$1,500.00	\$1,500.00
TOTAL WATER SERVICE COST: -----				\$110,000.00
SCOPE - EARTHWORK	QUANTITY	UNITS	UNIT COST	TOTAL COST
GENERAL GRADING (NO HAUL ON/OFF SITE, ASSUME SITE BALANCES)	5,400.0	C.Y.	\$5.00	\$27,000.00
TOTAL EARTHWORK COST: -----				\$27,000.00
SCOPE - EROSION CONTROL / RESTORATION	QUANTITY	UNITS	UNIT COST	TOTAL COST
TEMPORARY CONSTRUCTION ENTRANCE	1.0	EACH	\$2,500.00	\$2,500.00
INLET PROTECTION	4.0	EACH	\$150.00	\$600.00
EROSION CONTROL BLANKET/RESTORATION	5,000.0	S.Y.	\$8.00	\$40,000.00
SILT FENCE	600.0	L.F.	\$4.00	\$2,400.00
LANDSCAPE RESTORATION	1.0	LUMP	\$5,000.00	\$5,000.00
TOTAL EROSION CONTROL / RESTORATION COST: -----				\$50,500.00
SUBTOTAL = -----				\$505,865.00
CONTINGENCY @ 10 % -----				\$50,587.00
TOTAL SITE IMPROVEMENTS COST = -----				\$556,452.00

\* THIS COST ESTIMATE DOES NOT INCLUDE THE FOLLOWING:  
ANY STRUCTURE CONSTRUCTION/DEMOLITION NOT EXPLICITLY STATED,  
ANY BUILDING FOUNDATIONS OR FOUNDATION PADS (TO BE DESIGNED  
BY ARCHITECT), ANY DRY UTILITIES NOT EXPLICITLY STATED, IRRIGATION  
INSTALLATION (UNLESS SPECIFICALLY INCLUDED), WINTER CONDITIONS  
(WORKING PAST THANKSGIVING) MOBILE HOME FOUNDATIONS,  
FOOTINGS, ETC. AND ANY OTHER ITEMS NOT EXPLICITLY INCLUDED.  
THIS ESTIMATE WAS PREPARED WITH THE ASSUMPTION THAT HCWD1  
SERVICES IN THE AREA HAVE CAPACITY FOR FUTURE DESIGN LOADS  
ASSOCIATED WITH THIS PROJECT.

