

**Engineers Estimate****Dr Caruso****1465 Norton Ave, Hudson****Erosion Control, clearing, site removals**

construction entrance	120 TONS
load / haul off conc demo	105 CY
load / haul off asphalt demo	3 CY
misc site demo	1 LS
inlet protection	6 EA
silt fence	445 LF
clearing and grubbing	1 LS
pond seeding	1,400 SY
skimmer	1 EA
remove skimmer / install trickle down pipe	1 LS
curb cut	35 LF
cut/remove old curb entrances	1 EA
traffic control (cones-signs)	1 LS
rip rap (type C)	<u>2 TONS</u>
	\$33,858

Demolition

house demo and load	3 DAYS
30 cy dumpsters	15 EA
load/haul off concrete slab and footers	15 LDS
backfill basement	<u>450 CY</u>
	\$23,850

Earthwork

strip/pile topsoil (9")	1,114 CY
rough grading cut	810 CY
rough grading - fill	1,396 CY
import fill	660 CY
fine grading	4,000 SY
re-spread topsoil	485 CY
grade for curbs and sidewalks	10 DAYS
move utility spoils	380 CY
backfill/grade perimeter	5 DAYS
haul off spoils	<u>1,230 CY</u>
	\$108,172

Storm Sewer

12" hdpe storm sewer	348 LF
12" rcp road crossing	80 LF
horizontal core ex rcp	1 EA



6" sdr35 storm sewer	366 LF
misc fittings/bends	1 LS
6" downspout risers	14 EA
48" storm manhole w/ej1040	2 EA
48" outlet structure w/ejbeehive	1 EA
2-2C catch basin w/ej5250	4 EA
48" outlet structure-weir w/ej1020	1 EA
basin finger drains	40 LF
12" half headwall	1 EA
road plates	1 LS
traffic control	1 LS
saw cut roadway	1 LS
road patch	125 SF
premium backfill (LSM)	10 CY
premium backfill (304L)	150 TONS
premium backfill (57L)	<u>425 TONS</u>
	\$79,256

Domestic Water Line

excavate and shore for water tie-in	1 LS
install 8x1.5 brass sdl w/corp	1 EA
tap main (if not by others)	1 LS
1.5" ROW curb valve/box	1 EA
curb valve at-in bldg (added)	1 EA
1.5" domestic copper	50 EA
hydro test (static)	1 LS
premium backfill (sand)	<u>30 TONS</u>
	\$6,830

Sanitary Sewer

excavate for tie-in to ex riser	1 LS
connect to ex riser	1 LS
6" sdr35 storm sewer	105 LF
san c/o	2 EA
misc fittings	1 LS
premium backfill (304L)	20 TONS
premium backfill (57L)	<u>55 TONS</u>
	\$8,438

Total: \$260,404

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