

Cost Estimate to Complete Phase 2 with Detention Added

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This estimate is based upon the following:

1. Bid Documents by Kimley-Horn Associates

SITWORK	Quantity	Unit	Unit Cost	Total
<b>General</b>				
Mobilization (1% of Est. Construction)	1	L.S.	\$10,000.00	\$10,000.00
Construction Stakeout	1	L.S.	\$3,000.00	\$3,000.00
Record Survey	1	L.S.	\$3,000.00	\$3,000.00
Sub-total				\$16,000.00
<b>Demolition</b>				
Remove existing concrete ditch section along Huntington	200	L.F.	\$10.00	\$2,000.00
Tree removal	4	E.A.	\$300.00	\$1,200.00
Relocate Shrubs	4	E.A.	\$300.00	\$1,200.00
Plug existing culvert	1	E.A.	\$2,000.00	\$2,000.00
Sub-total				\$6,400.00
<b>Earthwork</b>				
Site prep, clearing and grubbing	1.00	AC.	\$3,500.00	\$3,500.00
Silt Fence	800	L.F.	\$0.97	\$776.00
Inlet Protection	1	EA.	\$300.00	\$300.00
Rock Check Dam	6	EA.	\$300.00	\$1,800.00
Construction Entrance	1	EA.	\$1,500.00	\$1,500.00
Cut, Fill, Compact(15% fluff)	279	CY	\$15.00	\$4,185.00
Excess Cut (not used for fill)	997	CY	\$1.08	\$1,076.76
Excess cut loaded	997	CY	\$9.55	\$9,521.35
Excess cut hauled 5 miles, 12 cy truck	997	CY	\$12.15	\$12,113.55
Final Grading	3,240	S.Y.	\$0.15	\$486.00
Seeding and Mulch (hydroseed)	3,240	S.Y.	\$0.66	\$2,138.40
Sub-total				\$37,397.06
<b>Storm Drainage</b>				
14"x23" culvert under driveway (rcp pipe and trench excav.)	37	L.F.	\$65.53	\$2,424.61
Backfill with 57 stone	5	CY	\$45.50	\$227.50
Concrete Ditch Excavate	210	LF	\$0.66	\$138.60
Concrete Ditch Section	210	L.F.	\$25.00	\$5,250.00
D1-7 inlet	1	EA.	\$4,700.00	\$4,700.00
24" Concrete Flared End Sections	2	EA.	\$2,500.00	\$5,000.00
Rip-Rap	25	C.Y.	\$100.00	\$2,500.00
Misc. Fittings	1	L.S.	\$2,000.00	\$2,000.00
Sub-total				\$22,240.71
<b>PAVING</b>				
<b>On Site Paving</b>				
Asphalt Paving (8" Base)	1,100	S.Y.	\$8.37	\$9,207.00
Asphalt Paving (2" SM-9.5a)	1,100	SY	\$10.56	\$11,616.00
Signing and Striping	1	L.S.	\$1,500.00	\$1,500.00
4' shoulder	780	L.F.	\$7.00	\$5,460.00
Erosion Control Matting	1,653	SY	\$1.56	\$2,578.68
Adjust Water Valve heights	3	E.A.	\$200.00	\$600.00
Sub-total				\$30,961.68
<b>Phase 2 Base Bid</b>				<b>\$106,599.45</b>
<b>Huntington Road (Alt #2)</b>				
Remove existing culvert under Huntington	70	L.F.	\$10.00	\$700.00
19"x30" culvert under Huntington (rcp pipe and trench excavation)	68	L.F.	\$85.00	\$5,780.00
Backfill with 57 stone	15	CY	\$45.50	\$682.50
30" Concrete Flared End Sections	2	EA.	\$2,500.00	\$5,000.00
Sawcut existing culvert under Huntington	140	L.F.	\$2.00	\$280.00
Huntington Road patch	1	L.S.	\$6,500.00	\$6,500.00
Huntington Road Traffic Control	1	L.S.	\$5,000.00	\$5,000.00
Sub-total				\$23,942.50
<b>Phase 2 Sub-Total</b>				<b>\$130,541.95</b>
<b>Contingency (30%)</b>				<b>\$39,162.59</b>
<b>Phase 2 Grand Total</b>				<b>\$169,704.54</b>