

KCH Engineering 8/14/2020

Construction Cost Estimate  
 Brown Road Drainage Improvements

Item #	Description	Approx Quantity	Units	Unit Cost	Total
1	Unclassified excavation	150	CY	\$5.00	\$750
2	Scarify and compact subgrade	29	SY	\$2.50	\$73
3	Type 5 Roadway Base Course	265	CY	\$48.00	\$12,720
4	Stone Check Dams	20	EA	\$800.00	\$16,000
5	Erosion Control Fabric	2850	SY	\$5.00	\$14,250
5	Topsoil (4", spread and prepared)	250	CY	\$22.00	\$5,500
6	Seeding and Fertilizer	2850	SY	\$0.25	\$713
7	Mulch, Straw (Broadcast)	2850	SY	\$0.20	\$570
8	12" D50 Riprap	14	CY	\$55.00	\$770
7	Granular Bedding	5	CY	\$95.00	\$475
9	Filter Fabric	21	SY	\$4.50	\$95
10	18" CMP Driveway Culvert	150	LF	\$75.00	\$11,250
11	18" CMP Flared End Section	6	EA	\$750.00	\$4,500
Subtotal					\$67,665
Contingencies (10%)					\$6,766
Total					\$74,431