

## Engineer's Opinion of Probable Costs

Bid Package #5, Division 20

Proposed Watershed Improvements - Clear Creek Watershed in Iowa & Johnson Counties  
2021

Date: 9/8/2021



### CONSTRUCTION COSTS

ITEM #	DESCRIPTION	Unit Cost	Units	Quantity	Total Cost
20.01	Clearing and Grubbing	\$5,000.00	AC	1.30	\$6,500.00
20.02	Topsoil Strip, Salvage and Re-Spread	\$5.00	CY	970.00	\$4,850.00
20.03	Grassed Waterway, 25' to 40' Wide	\$10.00	LS	515.00	\$5,150.00
20.04	Excavation, Class 13	\$10.00	CY	585.00	\$5,850.00
20.05	Excavation, Fringe Wetlands	\$5.00	CY	750.00	\$3,750.00
20.06	Excavation, Core Trench	\$6.00	CY	200.00	\$1,200.00
20.07	Earthfill, Dams/Terraces/Basins	\$4.00	CY	1,565.00	\$6,260.00
20.08	Excavation, Hauling	\$50.00	CY	910.00	\$45,500.00
20.09	4" Tile Relocation	\$8.00	LF	75.00	\$600.00
20.10	HDPE Pipe, Dual Wall, 24"	\$120.00	LF	40.00	\$4,800.00
20.11	CMP, 12"	\$65.00	LF	100.00	\$6,500.00
20.12	CMP, 24"	\$80.00	LF	135.00	\$10,800.00
20.13	Revetment Stone, 6+12-	\$50.00	TONS	132.00	\$6,600.00
20.14	Fertilizing, Seeding, & Mulching, Type I	\$12,000.00	LS	1.00	\$12,000.00
20.15	Temporary Seeding, Type II	\$1,000.00	Acre	1.00	\$1,000.00
20.16	Seeding & Mulching for Wetlands, Type III	\$5,000.00	LS	1.00	\$5,000.00
20.17	Seeding & Mulching, Type IV Stramaglia Upland Mix	\$6,000.00	LS	1.00	\$6,000.00
20.18	Seeding & Mulching, Type V Stramaglia Wetland Mix	\$5,000.00	LS	1.00	\$5,000.00
20.19	Seeding & Mulching, Type VI O'Donnell Native Seed Mix	\$4,000.00	LS	1.00	\$4,000.00
20.20	Fertilizing, Seeding, & Mulching, Type VII Fine Leaf Fescue Mix	\$3,000.00	LS	1.00	\$3,000.00
20.21	Fertilizing, Seeding, & Mulching, Type VIII Boyle Mix	\$4,000.00	LS	1.00	\$4,000.00
20.22	Geotextile Fabric Check (CC-152)	\$10.00	LF	80.00	\$800.00
20.23	Erosion Control, Silt Fence	\$4.00	LF	730.00	\$2,920.00
20.24	Erosion Control, (RECP)	\$15.00	SQ	96.00	\$1,440.00
20.25	Mobilization	\$4,000.00	EA	5.00	\$20,000.00
<b>CONSTRUCTION TOTAL</b>					<b>\$173,520.00</b>