



**PROJECT:** REPAIRS TO MAIN OPEN DITCH,  
DD#148 AND REPAIRS TO MAIN  
TILE, DD#146 & DD#165 HARDIN CO.

**DATE:** MARCH 20, 2019

**ENGINEER:** CLAPSADDLE-GARBER ASSOCIATES

McDowell and Sons.  
10214 Hwy 65  
Iowa Falls, IA 50126

Pederson Excavating  
2204 K Rd.  
Humboldt, IA 50548

**Engineer's Estimate: \$200,000**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Price	Unit Price	Bid Price
<b>DISTRICT 148 (BASE BID)</b>							
1	Cleanout of Open Ditch	63.5	STA	420.00	\$ 26,670.00	630.00	\$ 40,005.00
2	Structure Cleanout	1	LS	1,500.00	\$ 1,500.00	500.00	\$ 500.00
3	60" Ø Field Crossing (CMP)	40	LF	285.00	\$ 11,400.00	250.00	\$ 10,000.00
4	Outlet Repair (6"Ø and 8"Ø) (CMP)	560	LF	61.00	\$ 34,160.00	40.00	\$ 22,400.00
5	Outlet Repair (10"Ø and 12"Ø) (CMP)	200	LF	75.00	\$ 15,000.00	45.00	\$ 9,000.00
6	Outlet Repair (15"Ø and 18"Ø) (CMP)	200	LF	85.00	\$ 17,000.00	55.00	\$ 11,000.00
7	Surface Drain (18"Ø) (CMP)	390	LF	97.00	\$ 37,830.00	65.00	\$ 25,470.00
8	Surface Drain (24"Ø) (CMP)	60	LF	160.00	\$ 9,600.00	90.00	\$ 5,400.00
9	Surface Drain (36"Ø) (CMP)	60	LF	150.00	\$ 9,000.00	90.00	\$ 5,400.00
10	Permanent Seeding	63.5	STA	1.50	\$ 95.25	1.00	\$ 63.50
11	Tree, Brush and Stump Removal	63.5	STA	27.00	\$ 1,714.50	30.00	\$ 1,905.00
12	Bank Stabilization (Rip-rap)	200	TON	57.00	\$ 11,400.00	60.00	\$ 12,000.00
13	Field Crossing Removal	25	LF	40.00	\$ 1,000.00	8.00	\$ 200.00
14	Swale and Washout Repair of Open Ditch	20	STA	50.00	\$ 1,000.00	100.00	\$ 2,000.00
<b>DRAINAGE 148 (BASE BID) TOTAL (Bid Items 1-14 Inclusive)</b>				<b>\$ 173,590.25</b>			<b>\$ 142,670.00</b>
<b>DISTRICT 148 (ALTERNATE BID)</b>							
1ALT	Cleanout of Open Ditch	63.5	STA	420.00	\$ 26,670.00	630.00	\$ 40,005.00
2ALT	Structure Cleanout	1	LS	1,500.00	\$ 1,500.00	500.00	\$ 500.00
3ALT	60" Ø Field Crossing (CMP)	40	LF	285.00	\$ 11,400.00	250.00	\$ 10,000.00
4ALT	Outlet Repair (6"Ø and 8"Ø) (SDR)	560	LF	57.00	\$ 31,920.00	40.00	\$ 22,400.00
5ALT	Outlet Repair (10"Ø and 12"Ø) (SDR)	200	LF	67.00	\$ 13,400.00	45.00	\$ 9,000.00
6ALT	Outlet Repair (15"Ø and 18"Ø) (SDR)	200	LF	79.00	\$ 15,800.00	62.50	\$ 12,500.00
7ALT	Surface Drain (18"Ø) (SDR)	390	LF	91.00	\$ 35,490.00	62.50	\$ 24,375.00
8ALT	Surface Drain (24"Ø) (SDR)	60	LF	112.00	\$ 6,720.00	90.00	\$ 5,400.00
9ALT	Surface Drain (36"Ø) (SDR)	60	LF	167.00	\$ 10,020.00	150.00	\$ 9,000.00
10ALT	Permanent Seeding	63.5	STA	31.50	\$ 2,000.25	60.00	\$ 3,810.00
11ALT	Tree, Brush and Stump Removal	63.5	STA	20.00	\$ 1,270.00	30.00	\$ 1,905.00
12ALT	Bank Stabilization (Rip-rap)	200	TON	50.00	\$ 10,000.00	60.00	\$ 12,000.00
13ALT	Field Crossing Removal	25	LF	40.00	\$ 1,000.00	8.00	\$ 200.00
14ALT	Swale and Washout Repair of Open Ditch	20	STA	50.00	\$ 1,000.00	100.00	\$ 2,000.00
<b>DISTRICT 148 (ALTERNATE BID) TOTAL (Bid Items 1ALT-14ALT Inclusive)</b>				<b>\$ 161,900.25</b>			<b>\$ 151,095.00</b>
<b>DISTRICT 148 (ADD ALT #1 BID)</b>							
101ADD	Seeding Warranty	1	LS	\$ 900.00	\$ 900.00	\$ 200.00	\$ 200.00
<b>DISTRICT 148 (ADD ALT #1 BID) TOTAL (Bid Item 101ADD Inclusive)</b>				<b>\$ 1,000.00</b>			<b>\$ 2,000.00</b>
<b>DISTRICT 148 (ADD ALT #2 BID)</b>							
201ADD	CMP Flared End (18"Ø)	13	EA	750.00	\$ 9,750.00	350.00	\$ 4,550.00
202ADD	CMP Flared End (24"Ø)	2	EA	870.00	\$ 1,740.00	410.00	\$ 820.00
203ADD	CMP Flared End (36"Ø)	2	EA	1,330.00	\$ 2,660.00	815.00	\$ 1,630.00
<b>DISTRICT 148 (ADD ALT #2 BID) TOTAL (Bid Items 201ADD-203ADD Inclusive)</b>				<b>\$ 14,150.00</b>			<b>\$ 7,000.00</b>
<b>DISTRICT 146 BID</b>							
301	Outlet Repair (15"Ø and 18"Ø) (CMP)	40	LF	86.00	\$ 3,440.00	55.00	\$ 2,200.00
302	Concrete Collar	1	EA	700.00	\$ 700.00	50.00	\$ 50.00
303	Tile Removal	40	LF	10.00	\$ 400.00	200.00	\$ 200.00
304	Tree, Brush and Stump Removal	1	LS	2,000.00	\$ 2,000.00	200.00	\$ 200.00
305	Bank Stabilization (Rip-rap)	50	TON	50.00	\$ 2,500.00	60.00	\$ 3,000.00
306	Permanent Seeding	1	LS	400.00	\$ 400.00	200.00	\$ 200.00
307	Seeding Warranty	1	LS	800.00	\$ 800.00	100.00	\$ 100.00
<b>DISTRICT 146 BID TOTAL (Bid Items 301-307 Inclusive)</b>				<b>\$ 10,240.00</b>			<b>\$ 5,870.00</b>
<b>DISTRICT 165 BID</b>							
401	Outlet Repair (24"Ø) (CMP)	40	LF	100.00	\$ 4,000.00	75.00	\$ 3,000.00
402	18"Ø RCP Tile	25	LS	70.00	\$ 1,750.00	100.00	\$ 2,500.00
403	Salvage and Reuse Fieldstone	1	LS	1,000.00	\$ 1,000.00	100.00	\$ 100.00
404	Concrete Collar	2	EA	700.00	\$ 1,400.00	50.00	\$ 100.00
405	Tile Removal	65	LF	10.00	\$ 650.00	200.00	\$ 200.00
406	Tree, Brush and Stump Removal	1	LS	400.00	\$ 400.00	200.00	\$ 200.00
407	Permanent Seeding	1	LS	800.00	\$ 800.00	100.00	\$ 100.00
408	Seeding Warranty	1	LS	2,750.00	\$ 2,750.00	3,000.00	\$ 3,000.00
409	Bank Stabilization (Rip-rap)	50	TON	55.00	\$ 2,750.00	60.00	\$ 3,000.00
410	18"Ø x 22 1/2" RCP Bend	1	EA	600.00	\$ 600.00	600.00	\$ 600.00
411	18"Ø x 11 1/2" RCP Bend	1	EA	600.00	\$ 600.00	600.00	\$ 600.00
<b>DISTRICT 165 BID TOTAL (Bid Items 401-411 Inclusive)</b>				<b>\$ 14,950.00</b>			<b>\$ 10,035.00</b>

**Not will to do only this**

My Estimate was \$10k-\$15k

My Estimate was \$10k-\$20k