



5/23/2017

**PCHD  
Contract Bid Abstract**

Contract No.: 20171  
 Project No.: SP 059-602-025, SP 059-616-032  
 Bid Opening: 05/23/2017 10:30 AM

Line No.	Project: SP 059-602-025 - CSAH 2 Backslope/grade raise			Engineers Estimate		Duinck Inc		Central Specialties Inc	
	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	2021.501 MOBILIZATION	LS	1	\$20,000.00	\$20,000.00	\$17,560.00	\$17,560.00	\$70,000.00	\$70,000.00
2	2051.501 MAINTENANCE & RESTORATION OF HAUL ROADS	LS	1	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$1.00	\$1.00
3	2104.501 REMOVE PIPE CULVERTS	L F	50	\$8.00	\$400.00	\$10.00	\$500.00	\$6.00	\$300.00
4	2104.501 REMOVE FENCE	L F	2658	\$4.00	\$10,632.00	\$1.15	\$3,056.70	\$1.00	\$2,658.00
5	2104.607 REMOVE BITUMINOUS PAVEMENT AND AGGREGATE (EV) (P)	C Y	2904	\$8.00	\$23,232.00	\$9.00	\$26,136.00	\$12.00	\$34,848.00
6	2105.501 COMMON EXCAVATION (P)	C Y	58546	\$4.00	\$234,184.00	\$2.50	\$146,365.00	\$2.56	\$149,877.76
7	2211.501 AGGREGATE BASE CLASS 5 MOD	TON	8796	\$15.00	\$131,940.00	\$11.78	\$103,616.88	\$11.00	\$96,756.00
34	2221.501 SHOULDER BASE AGGREGATE CLASS 1 MOD	TON	897	\$15.00	\$13,455.00	\$15.10	\$13,544.70	\$17.00	\$15,249.00
8	2357.502 BITUMINOUS MATERIAL FOR TACK COAT	GAL	667	\$2.00	\$1,334.00	\$1.82	\$1,213.94	\$1.50	\$1,000.50
9	2360.501 TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	1790	\$58.00	\$103,820.00	\$56.53	\$101,188.70	\$50.00	\$89,500.00
10	2451.503 GRANULAR BACKFILL (CV)	C Y	105	\$20.00	\$2,100.00	\$18.00	\$1,890.00	\$14.00	\$1,470.00
11	2451.507 GRANULAR BEDDING (LV)	C Y	20	\$35.00	\$700.00	\$30.00	\$600.00	\$21.00	\$420.00
12	2501.511 18" CS PIPE CULVERT	L F	52	\$25.00	\$1,300.00	\$24.00	\$1,248.00	\$18.00	\$936.00
13	2501.511 24" RC PIPE CULVERT CLASS III	L F	142	\$50.00	\$7,100.00	\$52.00	\$7,384.00	\$46.00	\$6,532.00
14	2501.515 24" RC PIPE APRON	EACH	1	\$550.00	\$550.00	\$550.00	\$550.00	\$560.00	\$560.00
15	2501.569 18" CS SAFETY APRON	EACH	2	\$180.00	\$360.00	\$185.00	\$370.00	\$190.00	\$380.00
16	2501.573 INSTALL 24" CONCRETE APRON, DESIGN SPECIAL	EACH	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
17	2511.501 RANDOM RIPRAP CLASS III	C Y	5	\$50.00	\$250.00	\$70.00	\$350.00	\$100.00	\$500.00
18	2557.603 TEMPORARY FENCE	L F	180	\$3.00	\$540.00	\$1.15	\$207.00	\$5.25	\$945.00
19	2557.603 4 BARBED WIRE FENCE	LIN FT	625	\$5.00	\$3,125.00	\$4.95	\$3,093.75	\$5.25	\$3,281.25
20	2563.601 TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$3,350.00	\$3,350.00
21	2573.502 SILT FENCE, TYPE HI	L F	54	\$5.00	\$270.00	\$2.58	\$139.32	\$2.00	\$108.00
22	2573.502 SILT FENCE, TYPE MS	L F	420	\$3.00	\$1,260.00	\$1.99	\$835.80	\$2.10	\$882.00
23	2573.533 SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	80	\$5.00	\$400.00	\$4.29	\$343.20	\$3.10	\$248.00
24	2573.550 EROSION CONTROL SUPERVISOR	LS	1	\$500.00	\$500.00	\$750.00	\$750.00	\$250.00	\$250.00

Project: SP 059-602-025 - CSAH 2 Backslope/grade raise				Engineers Estimate		Duininck Inc		Central Specialties Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
25	2575.501 SEEDING (P)	ACRE	11	\$125.00	\$1,375.00	\$190.00	\$2,090.00	\$100.00	\$1,100.00
26	2575.502 SEED MIXTURE 25-142	LB	500	\$3.50	\$1,750.00	\$5.05	\$2,525.00	\$4.25	\$2,125.00
27	2575.511 MULCH MATERIAL TYPE 1	TON	22	\$160.00	\$3,520.00	\$178.58	\$3,928.76	\$150.00	\$3,300.00
28	2575.519 DISK ANCHORING (P)	ACRE	11	\$125.00	\$1,375.00	\$75.00	\$825.00	\$60.00	\$660.00
29	2575.523 EROSION CONTROL BLANKETS, CATEGORY 4N	S Y	769	\$2.00	\$1,538.00	\$1.33	\$1,022.77	\$2.00	\$1,538.00
30	2582.501 PAVT MSSG PAINT	S F	49	\$5.00	\$245.00	\$3.20	\$156.80	\$3.20	\$156.80
31	2582.502 4" SOLID LINE PAINT	L F	9080	\$0.075	\$681.00	\$0.063	\$572.04	\$0.063	\$572.04
32	2582.502 4" BROKEN LINE PAINT	L F	766	\$0.075	\$57.45	\$0.063	\$48.26	\$0.063	\$48.26
33	2582.502 4" DBLE SOLID LINE PAINT	L F	180	\$0.15	\$27.00	\$0.126	\$22.68	\$0.126	\$22.68
35	2582.502 24" STOP LINE PAINT	LIN FT	12	\$20.00	\$240.00	\$3.00	\$36.00	\$3.00	\$36.00
Totals for Project SP 059-602-025					\$581,260.45		\$446,171.30		\$490,361.29
% of Estimate for Project SP 059-602-025							-23.24%		-15.64%
Project: SP 059-616-032 - CSAH 16 Regrade/Widening				Engineers Estimate		Duininck Inc		Central Specialties Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	2021.501 MOBILIZATION	LS	1	\$45,000.00	\$45,000.00	\$149,724.00	\$149,724.00	\$24,000.00	\$24,000.00
2	2051.501 MAINTENANCE & RESTORATION OF HAUL ROADS	LS	1	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$1.00	\$1.00
3	2101.502 CLEARING	TREE	197	\$75.00	\$14,775.00	\$75.00	\$14,775.00	\$1.00	\$197.00
4	2101.507 GRUBBING	TREE	245	\$175.00	\$42,875.00	\$125.00	\$30,625.00	\$153.00	\$37,485.00
5	2101.605 CLEARING AND GRUBBING	ACRE	0.3	\$10,000.00	\$3,000.00	\$3,000.00	\$900.00	\$5,000.00	\$1,500.00
6	2104.501 REMOVE PIPE CULVERTS	L F	2119	\$8.00	\$16,952.00	\$9.00	\$19,071.00	\$12.00	\$25,428.00
7	2104.501 REMOVE FENCE	L F	4898	\$4.00	\$19,592.00	\$1.15	\$5,632.70	\$1.00	\$4,898.00
8	2104.509 REMOVE BOX CULVERT	EACH	2	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00
9	2104.607 SALVAGE BITUMINOUS PAVEMENT AND AGGREGATE (EV) (P)	CU YD	1850	\$10.00	\$18,500.00	\$9.00	\$16,650.00	\$20.00	\$37,000.00
10	2105.501 COMMON EXCAVATION (P)	C Y	93216	\$4.00	\$372,864.00	\$3.40	\$316,934.40	\$2.95	\$274,987.20
11	2105.523 COMMON BORROW (CV) (P)	C Y	33936	\$8.00	\$271,488.00	\$8.30	\$281,668.80	\$10.23	\$347,165.28
12	2211.501 AGGREGATE BASE CLASS 5 MOD	TON	907	\$15.00	\$13,605.00	\$15.00	\$13,605.00	\$11.00	\$9,977.00
13	2215.501 STABILIZED FULL DEPTH RECLAMATION (P)	SQ YD	96600	\$1.40	\$135,240.00	\$1.21	\$116,886.00	\$1.50	\$144,900.00
14	2221.501 SHOULDER BASE AGGREGATE CLASS 1 MOD	TON	5690	\$15.00	\$85,350.00	\$10.43	\$59,346.70	\$11.00	\$62,590.00
15	2357.502 BITUMINOUS MATERIAL FOR TACK COAT	GAL	7151	\$2.00	\$14,302.00	\$1.82	\$13,014.82	\$1.50	\$10,726.50
16	2360.501 TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	19662	\$48.00	\$943,776.00	\$46.33	\$910,940.46	\$48.00	\$943,776.00
17	2412.511 10X5 PRECAST CONCRETE BOX CULVERT	L F	54	\$850.00	\$45,900.00	\$730.00	\$39,420.00	\$900.00	\$48,600.00
18	2412.511 12X6 PRECAST CONCRETE BOX CULVERT	L F	53	\$900.00	\$47,700.00	\$815.00	\$43,195.00	\$900.00	\$47,700.00
19	2412.511 12X10 PRECAST CONCRETE BOX CULVERT	L F	106	\$1,100.00	\$116,600.00	\$940.00	\$99,640.00	\$1,050.00	\$111,300.00
20	2412.511 16X7 PRECAST CONCRETE BOX CULVERT	L F	53	\$1,100.00	\$58,300.00	\$1,000.00	\$53,000.00	\$1,150.00	\$60,950.00
21	2412.511 16X8 PRECAST CONCRETE BOX CULVERT	L F	53	\$1,200.00	\$63,600.00	\$1,100.00	\$58,300.00	\$1,050.00	\$55,650.00
22	2412.512 10X5 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	2	\$9,500.00	\$19,000.00	\$6,320.00	\$12,640.00	\$9,000.00	\$18,000.00
23	2412.512 12X6 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE1	EACH	2	\$12,000.00	\$24,000.00	\$7,800.00	\$15,600.00	\$9,000.00	\$18,000.00

Project: SP 059-616-032 - CSAH 16 Regrade/Widening					Engineers Estimate		Duininck Inc		Central Specialties Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
24	2412.512 12X10 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	4	\$16,000.00	\$64,000.00	\$13,700.00	\$54,800.00	\$15,000.00	\$60,000.00	
25	2412.512 16X7 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	2	\$17,000.00	\$34,000.00	\$11,600.00	\$23,200.00	\$14,200.00	\$28,400.00	
26	2412.512 16X8 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE I	EACH	2	\$18,000.00	\$36,000.00	\$13,070.00	\$26,140.00	\$13,000.00	\$26,000.00	
27	2442.501 REMOVE EXISTING BRIDGE	LS	1	\$7,500.00	\$7,500.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	
28	2451.503 GRANULAR BACKFILL (CV)	C Y	4402	\$20.00	\$88,040.00	\$9.00	\$39,618.00	\$12.00	\$52,824.00	
29	2451.507 GRANULAR BEDDING (LV)	C Y	283	\$35.00	\$9,905.00	\$12.00	\$3,396.00	\$13.00	\$3,679.00	
30	2451.507 GRANULAR BEDDING MOD. (LV)	CU YD	689	\$35.00	\$24,115.00	\$30.00	\$20,670.00	\$27.00	\$18,603.00	
31	2501.511 18" CS PIPE CULVERT	L F	1440	\$25.00	\$36,000.00	\$24.00	\$34,560.00	\$20.00	\$28,800.00	
32	2501.511 24" CS PIPE CULVERT	L F	212	\$30.00	\$6,360.00	\$29.00	\$6,148.00	\$24.00	\$5,088.00	
33	2501.511 30" CS PIPE CULVERT	L F	330	\$40.00	\$13,200.00	\$43.00	\$14,190.00	\$34.00	\$11,220.00	
34	2501.511 24" RC PIPE CULVERT	L F	800	\$50.00	\$40,000.00	\$57.00	\$45,600.00	\$48.00	\$38,400.00	
35	2501.511 30" RC PIPE CULVERT	L F	196	\$65.00	\$12,740.00	\$72.00	\$14,112.00	\$72.00	\$14,112.00	
36	2501.511 36" RC PIPE CULVERT	L F	116	\$85.00	\$9,860.00	\$105.00	\$12,180.00	\$90.00	\$10,440.00	
37	2501.515 30" CS PIPE APRON	EACH	2	\$200.00	\$400.00	\$600.00	\$1,200.00	\$280.00	\$560.00	
38	2501.515 24" RC PIPE APRON	EACH	25	\$550.00	\$13,750.00	\$280.00	\$7,000.00	\$550.00	\$13,750.00	
39	2501.515 30" RC PIPE APRON	EACH	6	\$650.00	\$3,900.00	\$655.00	\$3,930.00	\$780.00	\$4,680.00	
40	2501.515 36" RC PIPE APRON	EACH	4	\$950.00	\$3,800.00	\$840.00	\$3,360.00	\$1,075.00	\$4,300.00	
41	2501.521 65" SPAN RC PIPE-ARCH CULVERT	L F	104	\$250.00	\$26,000.00	\$230.00	\$23,920.00	\$220.00	\$22,880.00	
42	2501.525 65" SPAN RC PIPE-ARCH APRON	EACH	4	\$1,600.00	\$6,400.00	\$1,405.00	\$5,620.00	\$2,030.00	\$8,120.00	
43	2501.569 18" CS SAFETY APRON DESIGN 3128H	EACH	60	\$180.00	\$10,800.00	\$185.00	\$11,100.00	\$190.00	\$11,400.00	
44	2501.569 24" CS SAFETY APRON DESIGN 3128H	EACH	8	\$250.00	\$2,000.00	\$600.00	\$4,800.00	\$500.00	\$4,000.00	
45	2501.569 30" CS SAFETY APRON DESIGN 3128H	EACH	2	\$400.00	\$800.00	\$600.00	\$1,200.00	\$570.00	\$1,140.00	
46	2501.569 24" RC SAFETY APRON DESIGN 3022C	EACH	1	\$700.00	\$700.00	\$750.00	\$750.00	\$850.00	\$850.00	
47	2511.501 RANDOM RIPRAP CLASS III	C Y	571	\$50.00	\$28,550.00	\$70.00	\$39,970.00	\$50.00	\$28,550.00	
48	2557.603 3 BARBED WIRE FENCE	L F	700	\$5.00	\$3,500.00	\$4.95	\$3,465.00	\$5.25	\$3,675.00	
49	2563.601 TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	
50	2573.502 SILT FENCE, TYPE HI	L F	588	\$5.00	\$2,940.00	\$2.50	\$1,470.00	\$2.00	\$1,176.00	
51	2573.502 SILT FENCE, TYPE MS	L F	6126	\$3.00	\$18,378.00	\$1.40	\$8,576.40	\$2.10	\$12,864.60	
52	2573.511 WATER TREATMENT TYPE FILTER SYSTEM	EACH	4	\$5,000.00	\$20,000.00	\$1,400.00	\$5,600.00	\$500.00	\$2,000.00	
53	2573.533 SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	120	\$5.00	\$600.00	\$3.50	\$420.00	\$3.10	\$372.00	
54	2573.550 EROSION CONTROL SUPERVISOR	LS	1	\$1,000.00	\$1,000.00	\$3,002.00	\$3,002.00	\$500.00	\$500.00	
55	2573.602 ROCK DITCH CHECK	EACH	12	\$500.00	\$6,000.00	\$600.00	\$7,200.00	\$660.00	\$7,920.00	
56	2575.501 SEEDING (P)	ACRE	64	\$125.00	\$8,000.00	\$175.00	\$11,200.00	\$100.00	\$6,400.00	
57	2575.502 SEED MIXTURE 25-141	LB	425	\$3.50	\$1,487.50	\$3.30	\$1,402.50	\$3.50	\$1,487.50	
58	2575.502 SEED MIXTURE 34-261	LB	125	\$3.50	\$437.50	\$25.00	\$3,125.00	\$25.00	\$3,125.00	

Project: SP 059-616-032 - CSAH 16 Regrade/Widening				Engineers Estimate		Duininck Inc		Central Specialties Inc		
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
59	2575.502 SEED MIXTURE 35-241	LB	1935	\$3.50	\$6,772.50	\$12.85	\$24,864.75	\$13.00	\$25,155.00	
60	2575.511 MULCH MATERIAL TYPE 1	TON	128	\$160.00	\$20,480.00	\$150.00	\$19,200.00	\$150.00	\$19,200.00	
61	2575.513 MULCH MATERIAL TYPE 9	C Y	38	\$50.00	\$1,900.00	\$65.00	\$2,470.00	\$50.00	\$1,900.00	
62	2575.519 DISK ANCHORING (P)	ACRE	64	\$125.00	\$8,000.00	\$65.00	\$4,160.00	\$60.00	\$3,840.00	
63	2575.523 EROSION CONTROL BLANKETS, CATEGORY 4N	S Y	2261	\$2.00	\$4,522.00	\$1.33	\$3,007.13	\$2.00	\$4,522.00	
64	2582.501 PAVT MSSG PAINT	S F	49	\$5.00	\$245.00	\$3.20	\$156.80	\$3.20	\$156.80	
65	2582.502 4" SOLID LINE PAINT	L F	73826	\$0.075	\$5,536.95	\$0.063	\$4,651.04	\$0.063	\$4,651.04	
66	2582.502 4" BROKEN LINE PAINT	L F	5674	\$0.075	\$425.55	\$0.063	\$357.46	\$0.063	\$357.46	
67	2582.502 4" DBLE SOLID LINE PAINT	L F	2709	\$0.15	\$406.35	\$0.126	\$341.33	\$0.126	\$341.33	
68	2582.502 24" STOP LINE PAINT	LIN FT	20	\$15.00	\$300.00	\$3.00	\$60.00	\$3.00	\$60.00	
Totals for Project SP 059-616-032						\$2,984,670.35		\$2,787,263.29		\$2,797,830.71
% of Estimate for Project SP 059-616-032								-6.61%		-6.26%
Totals for Contract 20171						\$3,565,930.80		\$3,233,434.59		\$3,288,192.00
% of Estimate for Contract 20171								-9.32%		-7.79%

Project: SP 059-602-025 - CSAH 2 Backslope/grade raise				Engineers Estimate		Knife River Corporation NC		Hardrives Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	2021.501 MOBILIZATION	LS	1	\$20,000.00	\$20,000.00	\$22,000.00	\$22,000.00	\$43,000.00	\$43,000.00
2	2051.501 MAINTENANCE & RESTORATION OF HAUL ROADS	LS	1	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$1.00	\$1.00
3	2104.501 REMOVE PIPE CULVERTS	L F	50	\$8.00	\$400.00	\$10.00	\$500.00	\$10.10	\$505.00
4	2104.501 REMOVE FENCE	L F	2658	\$4.00	\$10,632.00	\$1.00	\$2,658.00	\$1.16	\$3,083.28
5	2104.607 REMOVE BITUMINOUS PAVEMENT AND AGGREGATE (EV) (P)	C Y	2904	\$8.00	\$23,232.00	\$9.00	\$26,136.00	\$9.09	\$26,397.36
6	2105.501 COMMON EXCAVATION (P)	C Y	58546	\$4.00	\$234,184.00	\$2.50	\$146,365.00	\$2.52	\$147,535.92
7	2211.501 AGGREGATE BASE CLASS 5 MOD	TON	8796	\$15.00	\$131,940.00	\$13.25	\$116,547.00	\$12.12	\$106,607.52
34	2221.501 SHOULDER BASE AGGREGATE CLASS 1 MOD	TON	897	\$15.00	\$13,455.00	\$20.25	\$18,164.25	\$19.24	\$17,258.28
8	2357.502 BITUMINOUS MATERIAL FOR TACK COAT	GAL	667	\$2.00	\$1,334.00	\$1.80	\$1,200.60	\$1.49	\$993.83
9	2360.501 TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	1790	\$58.00	\$103,820.00	\$58.00	\$103,820.00	\$58.91	\$105,448.90
10	2451.503 GRANULAR BACKFILL (CV)	C Y	105	\$20.00	\$2,100.00	\$18.00	\$1,890.00	\$18.18	\$1,908.90
11	2451.507 GRANULAR BEDDING (LV)	C Y	20	\$35.00	\$700.00	\$30.00	\$600.00	\$30.29	\$605.80
12	2501.511 18" CS PIPE CULVERT	L F	52	\$25.00	\$1,300.00	\$24.00	\$1,248.00	\$24.23	\$1,259.96
13	2501.511 24" RC PIPE CULVERT CLASS III	L F	142	\$50.00	\$7,100.00	\$52.00	\$7,384.00	\$52.51	\$7,456.42
14	2501.515 24" RC PIPE APRON	EACH	1	\$550.00	\$550.00	\$550.00	\$550.00	\$1,009.77	\$1,009.77
15	2501.569 18" CS SAFETY APRON	EACH	2	\$180.00	\$360.00	\$185.00	\$370.00	\$186.81	\$373.62
16	2501.573 INSTALL 24" CONCRETE APRON, DESIGN SPECIAL	EACH	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$553.37	\$553.37
17	2511.501 RANDOM RIPRAP CLASS III	C Y	5	\$50.00	\$250.00	\$70.00	\$350.00	\$70.68	\$353.40
18	2557.603 TEMPORARY FENCE	L F	180	\$3.00	\$540.00	\$5.25	\$945.00	\$1.16	\$208.80
19	2557.603 4 BARBED WIRE FENCE	LIN FT	625	\$5.00	\$3,125.00	\$5.25	\$3,281.25	\$5.00	\$3,125.00
20	2563.601 TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$4,039.06	\$4,039.06
21	2573.502 SILT FENCE, TYPE HI	L F	54	\$5.00	\$270.00	\$2.10	\$113.40	\$2.61	\$140.94
22	2573.502 SILT FENCE, TYPE MS	L F	420	\$3.00	\$1,260.00	\$2.00	\$840.00	\$4.33	\$1,818.60
23	2573.533 SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	80	\$5.00	\$400.00	\$3.10	\$248.00	\$4.33	\$346.40
24	2573.550 EROSION CONTROL SUPERVISOR	LS	1	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$5,591.62	\$5,591.62
25	2575.501 SEEDING (P)	ACRE	11	\$125.00	\$1,375.00	\$100.00	\$1,100.00	\$191.86	\$2,110.46
26	2575.502 SEED MIXTURE 25-142	LB	500	\$3.50	\$1,750.00	\$4.25	\$2,125.00	\$5.10	\$2,550.00
27	2575.511 MULCH MATERIAL TYPE 1	TON	22	\$160.00	\$3,520.00	\$150.00	\$3,300.00	\$180.32	\$3,967.04
28	2575.519 DISK ANCHORING (P)	ACRE	11	\$125.00	\$1,375.00	\$60.00	\$660.00	\$75.73	\$833.03
29	2575.523 EROSION CONTROL BLANKETS, CATEGORY 4N	S Y	769	\$2.00	\$1,538.00	\$2.10	\$1,614.90	\$1.34	\$1,030.46
30	2582.501 PAVT MSSG PAINT	S F	49	\$5.00	\$245.00	\$3.20	\$156.80	\$3.23	\$158.27
31	2582.502 4" SOLID LINE PAINT	L F	9080	\$0.075	\$681.00	\$0.06	\$544.80	\$0.06	\$544.80
32	2582.502 4" BROKEN LINE PAINT	L F	766	\$0.075	\$57.45	\$0.06	\$45.96	\$0.06	\$45.96
33	2582.502 4" DBLE SOLID LINE PAINT	L F	180	\$0.15	\$27.00	\$0.13	\$23.40	\$0.13	\$23.40
35	2582.502 24" STOP LINE PAINT	LIN FT	12	\$20.00	\$240.00	\$3.00	\$36.00	\$3.03	\$36.36

		Project: SP 059-602-025 - CSAH 2 Backslope/grade raise			Engineers Estimate		Knife River Corporation NC		Hardrives Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
					\$581,260.45		\$473,318.36		\$490,922.53	
Totals for Project SP 059-602-025										
% of Estimate for Project SP 059-602-025							-18.57%		-15.54%	
		Project: SP 059-616-032 - CSAH 16 Regrade/Widening			Engineers Estimate		Knife River Corporation NC		Hardrives Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
1	2021.501 MOBILIZATION	LS	1	\$45,000.00	\$45,000.00	\$95,000.00	\$95,000.00	\$124,500.00	\$124,500.00	
2	2051.501 MAINTENANCE & RESTORATION OF HAUL ROADS	LS	1	\$2,500.00	\$2,500.00	\$1.00	\$1.00	\$1.00	\$1.00	
3	2101.502 CLEARING	TREE	197	\$75.00	\$14,775.00	\$75.00	\$14,775.00	\$75.73	\$14,918.81	
4	2101.507 GRUBBING	TREE	245	\$175.00	\$42,875.00	\$125.00	\$30,625.00	\$126.22	\$30,923.90	
5	2101.605 CLEARING AND GRUBBING	ACRE	0.3	\$10,000.00	\$3,000.00	\$3,000.00	\$900.00	\$3,029.30	\$908.79	
6	2104.501 REMOVE PIPE CULVERTS	L F	2119	\$8.00	\$16,952.00	\$9.00	\$19,071.00	\$9.09	\$19,261.71	
7	2104.501 REMOVE FENCE	L F	4898	\$4.00	\$19,592.00	\$1.00	\$4,898.00	\$1.16	\$5,681.68	
8	2104.509 REMOVE BOX CULVERT	EACH	2	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00	\$3,029.30	\$6,058.60	
9	2104.607 SALVAGE BITUMINOUS PAVEMENT AND AGGREGATE (EV) (P)	CU YD	1850	\$10.00	\$18,500.00	\$9.00	\$16,650.00	\$9.09	\$16,816.50	
10	2105.501 COMMON EXCAVATION (P)	C Y	93216	\$4.00	\$372,864.00	\$3.40	\$316,934.40	\$3.43	\$319,730.88	
11	2105.523 COMMON BORROW (CV) (P)	C Y	33936	\$8.00	\$271,488.00	\$8.30	\$281,668.80	\$8.38	\$284,383.68	
12	2211.501 AGGREGATE BASE CLASS 5 MOD	TON	907	\$15.00	\$13,605.00	\$12.00	\$10,884.00	\$12.12	\$10,992.84	
13	2215.501 STABILIZED FULL DEPTH RECLAMATION (P)	SQ YD	96600	\$1.40	\$135,240.00	\$1.60	\$154,560.00	\$1.54	\$148,764.00	
14	2221.501 SHOULDER BASE AGGREGATE CLASS 1 MOD	TON	5690	\$15.00	\$85,350.00	\$16.00	\$91,040.00	\$17.21	\$97,924.90	
15	2357.502 BITUMINOUS MATERIAL FOR TACK COAT	GAL	7151	\$2.00	\$14,302.00	\$1.80	\$12,871.80	\$1.49	\$10,654.99	
16	2360.501 TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	19662	\$48.00	\$943,776.00	\$51.50	\$1,012,593.00	\$54.65	\$1,074,528.30	
17	2412.511 10X5 PRECAST CONCRETE BOX CULVERT	L F	54	\$850.00	\$45,900.00	\$730.00	\$39,420.00	\$737.13	\$39,805.02	
18	2412.511 12X6 PRECAST CONCRETE BOX CULVERT	L F	53	\$900.00	\$47,700.00	\$815.00	\$43,195.00	\$822.96	\$43,616.88	
19	2412.511 12X10 PRECAST CONCRETE BOX CULVERT	L F	106	\$1,100.00	\$116,600.00	\$940.00	\$99,640.00	\$949.18	\$100,613.08	
20	2412.511 16X7 PRECAST CONCRETE BOX CULVERT	L F	53	\$1,100.00	\$58,300.00	\$1,000.00	\$53,000.00	\$1,009.77	\$53,517.81	
21	2412.511 16X8 PRECAST CONCRETE BOX CULVERT	L F	53	\$1,200.00	\$63,600.00	\$1,100.00	\$58,300.00	\$1,110.74	\$58,869.22	
22	2412.512 10X5 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	2	\$9,500.00	\$19,000.00	\$6,320.00	\$12,640.00	\$6,381.72	\$12,763.44	
23	2412.512 12X6 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE1	EACH	2	\$12,000.00	\$24,000.00	\$7,800.00	\$15,600.00	\$7,876.18	\$15,752.36	
24	2412.512 12X10 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	4	\$16,000.00	\$64,000.00	\$13,700.00	\$54,800.00	\$13,833.79	\$55,335.16	
25	2412.512 16X7 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE 1	EACH	2	\$17,000.00	\$34,000.00	\$11,600.00	\$23,200.00	\$11,713.29	\$23,426.58	
26	2412.512 16X8 PRECAST CONCRETE BOX CULVERT END SECTION, TYPE I	EACH	2	\$18,000.00	\$36,000.00	\$13,070.00	\$26,140.00	\$13,197.64	\$26,395.28	
27	2442.501 REMOVE EXISTING BRIDGE	LS	1	\$7,500.00	\$7,500.00	\$4,500.00	\$4,500.00	\$4,543.95	\$4,543.95	
28	2451.503 GRANULAR BACKFILL (CV)	C Y	4402	\$20.00	\$88,040.00	\$9.00	\$39,618.00	\$9.09	\$40,014.18	
29	2451.507 GRANULAR BEDDING (LV)	C Y	283	\$35.00	\$9,905.00	\$12.00	\$3,396.00	\$12.12	\$3,429.96	
30	2451.507 GRANULAR BEDDING MOD. (LV)	CU YD	689	\$35.00	\$24,115.00	\$30.00	\$20,670.00	\$30.29	\$20,869.81	
31	2501.511 18" CS PIPE CULVERT	L F	1440	\$25.00	\$36,000.00	\$24.00	\$34,560.00	\$24.23	\$34,891.20	
32	2501.511 24" CS PIPE CULVERT	L F	212	\$30.00	\$6,360.00	\$29.00	\$6,148.00	\$29.28	\$6,207.36	
33	2501.511 30" CS PIPE CULVERT	L F	330	\$40.00	\$13,200.00	\$43.00	\$14,190.00	\$43.42	\$14,328.60	

Project: SP 059-616-032 - CSAH 16 Regrade/Widening					Engineers Estimate		Knife River Corporation NC		Hardrives Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
34	2501.511 24" RC PIPE CULVERT	L F	800	\$50.00	\$40,000.00	\$57.00	\$45,600.00	\$57.56	\$46,048.00	
35	2501.511 30" RC PIPE CULVERT	L F	196	\$65.00	\$12,740.00	\$72.00	\$14,112.00	\$72.70	\$14,249.20	
36	2501.511 36" RC PIPE CULVERT	L F	116	\$85.00	\$9,860.00	\$105.00	\$12,180.00	\$106.03	\$12,299.48	
37	2501.515 30" CS PIPE APRON	EACH	2	\$200.00	\$400.00	\$600.00	\$1,200.00	\$605.86	\$1,211.72	
38	2501.515 24" RC PIPE APRON	EACH	25	\$550.00	\$13,750.00	\$280.00	\$7,000.00	\$282.73	\$7,068.25	
39	2501.515 30" RC PIPE APRON	EACH	6	\$650.00	\$3,900.00	\$655.00	\$3,930.00	\$661.40	\$3,968.40	
40	2501.515 36" RC PIPE APRON	EACH	4	\$950.00	\$3,800.00	\$840.00	\$3,360.00	\$848.20	\$3,392.80	
41	2501.521 65" SPAN RC PIPE-ARCH CULVERT	L F	104	\$250.00	\$26,000.00	\$230.00	\$23,920.00	\$232.25	\$24,154.00	
42	2501.525 65" SPAN RC PIPE-ARCH APRON	EACH	4	\$1,600.00	\$6,400.00	\$1,405.00	\$5,620.00	\$1,418.72	\$5,674.88	
43	2501.569 18" CS SAFETY APRON DESIGN 3128H	EACH	60	\$180.00	\$10,800.00	\$185.00	\$11,100.00	\$186.81	\$11,208.60	
44	2501.569 24" CS SAFETY APRON DESIGN 3128H	EACH	8	\$250.00	\$2,000.00	\$600.00	\$4,800.00	\$605.86	\$4,846.88	
45	2501.569 30" CS SAFETY APRON DESIGN 3128H	EACH	2	\$400.00	\$800.00	\$600.00	\$1,200.00	\$605.86	\$1,211.72	
46	2501.569 24" RC SAFETY APRON DESIGN 3022C	EACH	1	\$700.00	\$700.00	\$750.00	\$750.00	\$757.32	\$757.32	
47	2511.501 RANDOM RIPRAP CLASS III	C Y	571	\$50.00	\$28,550.00	\$70.00	\$39,970.00	\$70.68	\$40,358.28	
48	2557.603 3 BARBED WIRE FENCE	L F	700	\$5.00	\$3,500.00	\$5.25	\$3,675.00	\$5.00	\$3,500.00	
49	2563.601 TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$3,029.30	\$3,029.30	
50	2573.502 SILT FENCE, TYPE HI	L F	588	\$5.00	\$2,940.00	\$2.10	\$1,234.80	\$2.52	\$1,481.76	
51	2573.502 SILT FENCE, TYPE MS	L F	6126	\$3.00	\$18,378.00	\$2.00	\$12,252.00	\$1.41	\$8,637.66	
52	2573.511 WATER TREATMENT TYPE FILTER SYSTEM	EACH	4	\$5,000.00	\$20,000.00	\$1,400.00	\$5,600.00	\$1,413.67	\$5,654.68	
53	2573.533 SEDIMENT CONTROL LOG TYPE WOOD FIBER	L F	120	\$5.00	\$600.00	\$3.10	\$372.00	\$3.53	\$423.60	
54	2573.550 EROSION CONTROL SUPERVISOR	LS	1	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$16,774.86	\$16,774.86	
55	2573.602 ROCK DITCH CHECK	EACH	12	\$500.00	\$6,000.00	\$600.00	\$7,200.00	\$605.86	\$7,270.32	
56	2575.501 SEEDING (P)	ACRE	64	\$125.00	\$8,000.00	\$100.00	\$6,400.00	\$176.71	\$11,309.44	
57	2575.502 SEED MIXTURE 25-141	LB	425	\$3.50	\$1,487.50	\$3.50	\$1,487.50	\$3.33	\$1,415.25	
58	2575.502 SEED MIXTURE 34-261	LB	125	\$3.50	\$437.50	\$25.00	\$3,125.00	\$25.24	\$3,155.00	
59	2575.502 SEED MIXTURE 35-241	LB	1935	\$3.50	\$6,772.50	\$13.00	\$25,155.00	\$12.98	\$25,116.30	
60	2575.511 MULCH MATERIAL TYPE 1	TON	128	\$160.00	\$20,480.00	\$150.00	\$19,200.00	\$151.46	\$19,386.88	
61	2575.513 MULCH MATERIAL TYPE 9	C Y	38	\$50.00	\$1,900.00	\$65.00	\$2,470.00	\$65.63	\$2,493.94	
62	2575.519 DISK ANCHORING (P)	ACRE	64	\$125.00	\$8,000.00	\$60.00	\$3,840.00	\$65.63	\$4,200.32	
63	2575.523 EROSION CONTROL BLANKETS, CATEGORY 4N	S Y	2261	\$2.00	\$4,522.00	\$2.10	\$4,748.10	\$1.34	\$3,029.74	
64	2582.501 PAVT MSSG PAINT	S F	49	\$5.00	\$245.00	\$3.20	\$156.80	\$3.23	\$158.27	
65	2582.502 4" SOLID LINE PAINT	L F	73826	\$0.075	\$5,536.95	\$0.06	\$4,429.56	\$0.06	\$4,429.56	
66	2582.502 4" BROKEN LINE PAINT	L F	5674	\$0.075	\$425.55	\$0.06	\$340.44	\$0.06	\$340.44	
67	2582.502 4" DBLE SOLID LINE PAINT	L F	2709	\$0.15	\$406.35	\$0.13	\$352.17	\$0.13	\$352.17	
68	2582.502 24" STOP LINE PAINT	LIN FT	20	\$15.00	\$300.00	\$3.00	\$60.00	\$3.03	\$60.60	

Project: SP 059-616-032 - CSAH 16 Regrade/Widening				Engineers Estimate		Knife River Corporation NC		Hardrives Inc	
Line No.	Item	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
	Totals for Project SP 059-616-032				\$2,984,670.35		\$2,904,829.37		\$3,019,100.09
	% of Estimate for Project SP 059-616-032						-2.68%		1.15%
	Totals for Contract 20171				\$3,565,930.80		\$3,378,147.73		\$3,510,022.62
	% of Estimate for Contract 20171						-5.27%		-1.57%