

BID TAB OF QUOTES 6.4.2021

**T.H. 129 CARSTEN ROAD CULVERT #17 REPLACEMENT PROJECT
LAFAYETTE, TOWNSHIP, MEDINA COUNTY, OHIO
O.P.W.C. No. DIY07**

PAGE	1 of 2	ENGINEER'S ESTIMATE										
		N&N Construction Co. Inc.		J & T Excavating LLC		Denes Concrete						
REF #	ITEM	UNIT	QTY	DESCRIPTION	14510 Denman Rd.		5343 State Route 95		47599 State Route 18			
					UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL		
					Wakeman, Ohio 44889		Mount Gilead, Ohio 43338		Wellington, Ohio 44090			
1	201	Lump	1	Clearing and Grubbing incl. Tree and Stump Removal	\$1,020.00	1,020.000	\$10,700.000	\$10,700.000	\$200.000	\$200.000	\$500.000	\$500.000
2	202	S.Y.	65	Remove/Disposal of Existing Bituminous Pavement	\$15.00	975.000	\$12.000	\$780.000	\$5.000	\$325.000	\$20.000	\$1,300.000
3	202	Lump	1	Remove/Dispose Existing 117" X 79" Corrugated Metal Pipe Arch and Possible Abutments	\$4,000.00	4,000.000	\$8,000.000	\$8,000.000	\$2,000.000	\$2,000.000	\$5,000.000	\$5,000.000
4	202	Lump	1	Remove/Dispose Existing Pasture Fence (Approx. 260LF) and Guardrail (80 LF)	\$4,000.00	4,000.000	\$750.000	\$750.000	\$950.000	\$950.000	\$1,000.000	\$1,000.000
5	254	S.Y.	150	Bituminous Pavement Planing (per plan)	\$25.00	3,750.000	\$8.000	\$1,200.000	\$30.000	\$4,500.000	\$25.000	\$3,750.000
6	Spec.	Lump	1	DeWatering, Sheeting, Cofferdams (As Needed)	\$3,000.00	3,000.000	\$1,200.000	\$1,200.000	\$3,000.000	\$3,000.000	\$1,000.000	\$1,000.000
7	203	C.Y.	170	Excavation -Fill; including Embankment Construction; Furnished by the Contractor to Stipulated Line and Grade (per plan)	\$12.00	2,040.000	\$15.000	\$2,550.000	\$35.000	\$5,950.000	\$25.000	\$4,250.000
8	503	C.Y.	65	(Optional) Excavation for Poor Subbase under Culvert	\$12.00	780.000	\$1,500	\$97,500	\$10,000	\$650,000	\$30,000	\$1,950,000
9	703	TONS	58	(Optional) Limestone #1/#2 for Poor Subbase under Culvert/Footer	\$25.00	1,450.000	\$5.000	\$290,000	\$42,500	\$2,465,000	\$28,000	\$1,624,000
10	703	TONS	24	(Optional) Limestone #57 for Poor Subbase under Culvert/Footer	\$25.00	600.000	\$5.000	\$120,000	\$44,000	\$1,056,000	\$28,000	\$672,000
11	509	LBS.	1643	Grade 60 Epoxy Coated Reinforcing Steel (East Side)	\$2.00	3,286.000	\$2.500	\$4,107,500	\$6,000	\$9,858,000	\$1,800	\$2,957,400
12	509	LBS.	1643	Grade 60 Epoxy Coated Reinforcing Steel (West Side)	\$2.00	3,286.000	\$2.500	\$4,107,500	\$6,000	\$9,858,000	\$1,800	\$2,957,400
13	611	L.F.	40	Install 9' x 5' 4-Sided Box Culvert Including Premium Aggr. Bedding & Backfill, Stream Re-alignment & Clean-out, (per plan)	\$1,000.00	40,000.000	\$990.000	\$39,600.000	\$900.000	\$36,000.000	\$1,500.000	\$60,000.000
14	511	C.Y.	30	Class "QC1" Concrete for Footers (Both Sides) Complete-in-Place Per Plan	\$550.00	16,500.000	\$500.000	\$15,000.000	\$370.000	\$11,100.000	\$350.000	\$10,500.000
15	511	C.Y.	16	Class "QC1" Concrete for Wingwalls/Headwalls (Both Sides) Complete-in-Place Per Plan	\$700.00	11,200.000	\$650.000	\$10,400.000	\$420.000	\$6,720.000	\$600.000	\$9,600.000
16	512	S.Y.	70	ODOT Item 512 Type 2 Mellroll or Approved Equal	\$25.00	1,750.000	\$30.000	\$2,100.000	\$19,000	\$1,330.000	\$26,000	\$1,820.000
17	512	S.Y.	80	Sealing of Concrete Joints and Surfaces (per plan)	\$25.00	2,000.000	\$28.000	\$2,240.000	\$18,000	\$1,440.000	\$25,000	\$2,000.000
18	601	TONS	50	Rip Rap Rock Channel Protection (Type A) Complete in Place (per plan)	\$90.00	4,500.000	\$100.000	\$5,000.000	\$70.000	\$3,500.000	\$75.000	\$3,750.000
19	601	E.A.	10	Osbourne Blocks Complete in Place (per plan)	\$60.00	600.000	\$150.000	\$1,500.000	\$200.000	\$2,000.000	\$200.000	\$2,000.000
20	408	GAL	35	Prime Coat Application @ 0.50 Gallons per Square Yard	\$7.00	245.000	\$1.000	\$35.000	\$12.000	\$420.000	\$15.000	\$525.000
21	301	C.Y.	11	6" Thick Asphalt Concrete Base Course Installed in (2) -3" Lifts (per plan)	\$350.00	3,850.000	\$370.000	\$4,070.000	\$450.000	\$4,950.000	\$500.000	\$5,500.000
22	407	GAL	80	(Optional) SS-1 Bituminous Tack Coat Applied @ 0.1 Gals per Sq. Yd. w/o Sand Aggregate Applied Prior to Leveling Course	\$10.00	800.000	\$6.000	\$480.000	\$6,000	\$480.000	\$10,000	\$800.000
23	441	C.Y.	25	1 1/2" 448 Type 1 Asphalt Conc. Intermediate Course Using Medium Traffic Designation (per plan)	\$400.00	10,000.000	\$250.000	\$6,250.000	\$300.000	\$7,500.000	\$300.000	\$7,500.000
24	441	C.Y.	32	1 1/2" 448 Type 1 Asphalt. Conc. Surface Course Using Medium Traffic Designation (per plan)	\$400.00	12,800.000	\$250.000	\$8,000.000	\$300.000	\$9,600.000	\$300.000	\$9,600.000
25	617	TONS	30	Shoulder Reconditioning Using No. 411 Limestone Aggregate Furnished, Spread & Rolled 24" Wide @ 3 inch thickness	\$60.00	1,800.000	\$40.000	\$1,200.000	\$34.000	\$1,020.000	\$65.000	\$1,950.000
26	611	L.F.	30	12" HDPE Field Drive Pipe including Premium Aggr. Bedding and Back fill, Top Dressing For Drive, and Re-aligning the ditch, Complete-in-Place, per plan	\$45.00	1,350.000	\$35.000	\$1,050.000	\$35.000	\$1,050.000	\$100.000	\$3,000.000
27	606	E.A.	1	Type 5 Galv. Guardrail w/ Round End Section 5' Radius	\$350.00	350.000	\$470.000	\$470.000	\$554.000	\$554.000	\$500.000	\$500.000
28	606	E.A.	2	Type 5 Galv. Guardrail w/ Round End Section 10' Radius	\$350.00	700.000	\$415.000	\$830.000	\$474.000	\$948.000	\$475.000	\$950.000
29	606	E.A.	1	Type 5 Galv. Guardrail w/ Rounded End Section 20' Radius	\$350.00	350.000	\$405.000	\$405.000	\$462.000	\$462.000	\$450.000	\$450.000
30	606	L.F.	4	Anchor Assembly, Type T Anchor	\$1,500.00	6,000.000	\$815.000	\$3,260.000	\$800.000	\$3,200.000	\$850.000	\$3,400.000
31	606	L.F.	162.50	Install Mainline Guardrail w/ Reflectors, Type 5	\$17.00	2,762.500	\$26.000	\$4,225.000	\$30.000	\$4,875.000	\$25.000	\$4,062.500
32	606	F.T.	200	Install 25' Long Span Guardrail, Type 5	\$35.00	7,000.000	\$29.000	\$5,800.000	\$30.000	\$6,000.000	\$30.000	\$6,000.000
33	703	TONS	7	Top Dressing No.57 Limestone for Drives; As Needed (Optional)	\$30.00	210.000	\$20.000	\$140.000	\$40.000	\$280.000	\$60.000	\$420.000
34	659	S.Y.	1465	Seeding and Mulching, Class 2 Road Side Mixture	\$3.00	4,395.000	\$2.000	\$2,930.000	\$2.500	\$3,662.500	\$1.000	\$1,465.000
35	671	S.Y.	974	Install Erosion Control Netting	\$3.00	2,922.000	\$1.000	\$974.000	\$2.750	\$2,678.500	\$1.000	\$974.000
36	614	Lump	1	Traffic Control	\$5,000.00	5,000.000	\$1,500.000	\$1,500.000	\$4,000.000	\$4,000.000	\$2,500.000	\$2,500.000
Grand Total						\$165,271.50		\$151,361.50		\$154,582.00		\$166,227.30

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O.P.W.C. No. DIY07

PAGE	2 of 2	ENGINEER'S ESTIMATE													
		REF #	ITEM	UNIT	QTY	DESCRIPTION	UNIT COST	TOTAL	HSH Constr. Exc. Inc P.O. Box 150 Wadsworth, Ohio 44282		S.E.T., Inc. 235 E. Water St. Lowellville, Ohio 44436		Lockhart Concrete Co. 800 West Waterloo Rd. Akron, Ohio 44314		
								UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
		1	201	Lump	1	Clearing and Grubbing incl. Tree and Stump Removal		\$1,020.00	1,020.000	\$2,500.000	\$2,500.000	\$18,250.000	\$18,250.000	\$5,000.000	\$5,000.000
		2	202	S.Y.	65	Remove/Disposal of Existing Bituminous Pavement		\$15.00	975.000	\$20.000	\$1,300.000	\$15.000	\$975.000	\$5.000	\$325.000
		3	202	Lump	1	Remove/Dispose Existing 117" X 79" Corrugated Metal Pipe Arch and Possible Abutments		\$4,000.00	4,000.000	\$4,000.000	\$4,000.000	\$400.000	\$400.000	\$11,999.700	\$11,999.700
		4	202	Lump	1	Remove/Dispose Existing Pasture Fence (Approx. 260LF) and Guardrail (80 LF)		\$4,000.00	4,000.000	\$2,000.000	\$2,000.000	\$660.000	\$660.000	\$2,500.000	\$2,500.000
		5	254	S.Y.	150	Bituminous Pavement Planing (per plan)		\$25.00	3,750.000	\$20.000	\$3,000.000	\$30.800	\$4,620.000	\$28.000	\$4,200.000
		6	Spec.	Lump	1	DeWatering, Sheeting, Cofferdams (As Needed)		\$3,000.00	3,000.000	\$3,500.000	\$3,500.000	\$8,100.000	\$8,100.000	\$11,500.000	\$11,500.000
		7	203	C.Y.	170	Excavation -Fill; including Embankment Construction; Furnished by the Contractor to Stipulated Line and Grade (per plan)		\$12.00	2,040.000	\$20.000	\$3,400.000	\$30.000	\$5,100.000	\$10.000	\$1,700.000
		8	503	C.Y.	65	(Optional) Excavation for Poor Subbase under Culvert		\$12.00	780.000	\$20.000	\$1,300.000	\$10.000	\$650.000	\$5.000	\$325.000
		9	703	TONS	58	(Optional) Limestone #1/#2 for Poor Subbase under Culvert/Footer		\$25.00	1,450.000	\$20.000	\$1,160.000	\$63.250	\$3,668.500	\$27.000	\$1,566.000
		10	703	TONS	24	(Optional) Limestone #57 for Poor Subbase under Culvert/Footer		\$25.00	600.000	\$30.000	\$720.000	\$63.250	\$1,518.000	\$27.000	\$648.000
		11	509	LBS.	1643	Grade 60 Epoxy Coated Reinforcing Steel (East Side)		\$2.00	3,286.000	\$2.100	\$3,450.300	\$2.050	\$3,368.150	\$1.000	\$1,643.000
		12	509	LBS.	1643	Grade 60 Epoxy Coated Reinforcing Steel (West Side)		\$2.00	3,286.000	\$2.100	\$3,450.300	\$2.050	\$3,368.150	\$1.000	\$1,643.000
		13	611	L.F.	40	Install 9' x 5' 4-Sided Box Culvert Including Premium Aggr. Bedding & Backfill, Stream Re-alignment & Clean-out, (per plan)		\$1,000.00	40,000.000	\$1,100.000	\$44,000.000	\$986.810	\$39,472.400	\$2,057.470	\$82,298.800
		14	511	C.Y.	30	Class "QC1" Concrete for Footers (Both Sides) Complete-in-Place Per Plan		\$550.00	16,500.000	\$450.000	\$13,500.000	\$372.170	\$11,165.100	\$180.000	\$5,400.000
		15	511	C.Y.	16	Class "QC1" Concrete for Wingwalls/Headwalls (Both Sides) Complete-in-Place Per Plan		\$700.00	11,200.000	\$550.000	\$8,800.000	\$1,010.000	\$16,160.000	\$210.000	\$3,360.000
		16	512	S.Y.	70	ODOT Item 512 Type 2 Mellroll or Approved Equal		\$25.00	1,750.000	\$25.000	\$1,750.000	\$40.500	\$2,835.000	\$20.000	\$1,400.000
		17	512	S.Y.	80	Sealing of Concrete Joints and Surfaces (per plan)		\$25.00	2,000.000	\$25.000	\$2,000.000	\$35.500	\$2,840.000	\$24.000	\$1,920.000
		18	601	TONS	50	Rip Rap Rock Channel Protection (Type A) Complete in Place (per plan)		\$90.00	4,500.000	\$75.000	\$3,750.000	\$61.750	\$3,087.500	\$50.000	\$2,500.000
		19	601	E.A.	10	Osbourne Blocks Complete in Place (per plan)		\$60.00	600.000	\$200.000	\$2,000.000	\$205.000	\$2,050.000	\$500.000	\$5,000.000
		20	408	GAL	35	Prime Coat Application @ 0.50 Gallons per Square Yard		\$7.00	245.000	\$5.000	\$175.000	\$17.600	\$616.000	\$16.000	\$560.000
		21	301	C.Y.	11	6" Thick Asphalt Concrete Base Course Installed in (2) -3" Lifts (per plan)		\$350.00	3,850.000	\$300.000	\$3,300.000	\$562.650	\$6,189.150	\$511.500	\$5,626.500
		22	407	GAL	80	(Optional) SS-1 Bituminous Tack Coat Applied @ 0.1 Gals per Sq. Yd. w/o Sand Aggregate Applied Prior to Leveling Course		\$10.00	800.000	\$5.000	\$400.000	\$2.590	\$207.200	\$2.350	\$188.000
		23	441	C.Y.	25	1 1/2" 448 Type 1 Asphalt Conc. Intermediate Course Using Medium Traffic Designation (per plan)		\$400.00	10,000.000	\$400.000	\$10,000.000	\$309.100	\$7,727.500	\$281.000	\$7,025.000
		24	441	C.Y.	32	1 1/2" 448 Type 1 Asphalt. Conc. Surface Course Using Medium Traffic Designation (per plan)		\$400.00	12,800.000	\$400.000	\$12,800.000	\$309.100	\$9,891.200	\$281.000	\$8,992.000
		25	617	TONS	30	Shoulder Reconditioning Using No. 411 Limestone Aggregate Furnished, Spread & Rolled 24" Wide @ 3 inch thickness		\$60.00	1,800.000	\$40.000	\$1,200.000	\$80.650	\$2,419.500	\$40.000	\$1,200.000
		26	611	L.F.	30	12" HDPE Field Drive Pipe including Premium Aggr. Bedding and Back fill, Top Dressing For Drive, and Re-aligning the ditch, Complete-in-Place, per plan		\$45.00	1,350.000	\$35.000	\$1,050.000	\$50.530	\$1,515.900	\$55.000	\$1,650.000
		27	606	E.A.	1	Type 5 Galv. Guardrail w/ Round End Section 5' Radius		\$350.00	350.000	\$450.000	\$450.000	\$489.500	\$489.500	\$1,000.000	\$1,000.000
		28	606	E.A.	2	Type 5 Galv. Guardrail w/ Round End Section 10' Radius		\$350.00	700.000	\$450.000	\$900.000	\$434.500	\$869.000	\$1,000.000	\$2,000.000
		29	606	E.A.	1	Type 5 Galv. Guardrail w/ Rounded End Section 20' Radius		\$350.00	350.000	\$450.000	\$450.000	\$423.500	\$423.500	\$1,000.000	\$1,000.000
		30	606	L.F.	4	Anchor Assembly, Type T Anchor		\$1,500.00	6,000.000	\$1,200.000	\$4,800.000	\$852.500	\$3,410.000	\$2,500.000	\$10,000.000
		31	606	L.F.	162.50	Install Mainline Guardrail w/ Reflectors, Type 5		\$17.00	2,762.500	\$35.000	\$5,687.500	\$26.840	\$4,361.500	\$20.000	\$3,250.000
		32	606	F.T.	200	Install 25' Long Span Guardrail, Type 5		\$35.00	7,000.000	\$55.000	\$11,000.000	\$29.920	\$5,984.000	\$20.000	\$4,000.000
		33	703	TONS	7	Top Dressing No.57 Limestone for Drives; As Needed (Optional)		\$30.00	210.000	\$20.000	\$140.000	\$73.250	\$512.750	\$27.000	\$189.000
		34	659	S.Y.	1465	Seeding and Mulching, Class 2 Road Side Mixture		\$3.00	4,395.000	\$2.500	\$3,662.500	\$2.420	\$3,545.300	\$2.000	\$2,930.000
		35	671	S.Y.	974	Install Erosion Control Netting		\$3.00	2,922.000	\$2.500	\$2,435.000	\$2.750	\$2,678.500	\$1.500	\$1,461.000
		36	614	Lump	1	Traffic Control		\$5,000.00	5,000.000	\$3,000.000	\$3,000.000	\$2,183.500	\$2,183.500	\$5,000.000	\$5,000.000
						Grand Total			\$165,271.50		\$167,030.60		\$181,311.80		\$201,000.00