

**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: **\$1,125,875.00**

**Date:** Wednesday, February 26, 2020  
**Time:** 10:00 AM, Local Time  
**Opened by:** Paul Roman, P.E.  
**Witness:** Rodney Shultz, P.E., Jill Bosh  
**Bid Tab:** R. Shultz

<b>Geddis Paving &amp; Excavating, Inc.</b> 1019 Wamba Ave. Toledo, OH 43607 Phone: 419-536-8501	<b>E.S. Wagner Company</b> 840 Patchen Rd Oregon, OH 4361 Phone: 419-691-8651
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Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
<b>SEAMAN ROAD BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (SEAMAN BRIDGE)</b>								
S-1	201	CLEARING AND GRUBBING	1	LS	\$465.00	\$465.00	\$7,500.00	\$7,500.00
S-2	202	PAVEMENT REMOVED	146	SY	\$13.00	\$1,898.00	\$15.00	\$2,190.00
S-3	202	CURB AND GUTTER REMOVED	15	FT	\$15.50	\$232.50	\$16.00	\$240.00
S-4	202	GUTTER REMOVED	7	SY	\$28.50	\$199.50	\$17.00	\$119.00
S-5	202	PIPE REMOVED, 24" AND UNDER	226	FT	\$28.50	\$6,441.00	\$10.00	\$2,260.00
S-6	202	PIPE REMOVED, OVER 24"	23	FT	\$19.50	\$448.50	\$15.00	\$345.00
S-7	202	GUARDRAIL REMOVED	401	FT	\$5.50	\$2,205.50	\$6.50	\$2,606.50
S-8	203	EXCAVATION	90	CY	\$24.00	\$2,160.00	\$8.00	\$720.00
S-9	203	EMBANKMENT	241	CY	\$21.00	\$5,061.00	\$7.00	\$1,687.00
S-10	204	SUBGRADE COMPACTION	394	SY	\$0.40	\$157.60	\$6.00	\$2,364.00
S-11	608	4" CONCRETE WALK	1455	SF	\$8.40	\$12,222.00	\$6.00	\$8,730.00
S-12	608	CURB RAMP	128	SF	\$12.00	\$1,536.00	\$9.50	\$1,216.00
S-13	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$100.00	\$25,000.00	\$60.00	\$15,000.00
<b>EROSION CONTROL (SEAMAN BRIDGE)</b>								
S-14	659	SEEDING AND MULCHING	563	SY	\$3.90	\$2,195.70	\$3.20	\$1,801.60
S-15	659	REPAIR SEEDING AND MULCHING	29	SY	\$3.90	\$113.10	\$11.00	\$319.00
S-16	659	INTER-SEEDING	29	SY	\$2.00	\$58.00	\$0.50	\$14.50
S-17	659	COMMERCIAL FERTILIZER	0.08	TON	\$660.00	\$52.80	\$450.00	\$36.00
S-18	659	LIME	0.12	ACRE	\$1.10	\$0.13	\$10.00	\$1.20
S-19	659	WATER	4	MGAL	\$1.10	\$4.40	\$10.00	\$40.00
S-20	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00	\$1.00	\$5,000.00
<b>DRAINAGE (SEAMAN BRIDGE)</b>								
S-21	611	8" CONDUIT, TYPE C	4	FT	\$71.50	\$286.00	\$170.00	\$680.00
S-22	611	12" CONDUIT, TYPE C	22	FT	\$86.00	\$1,892.00	\$175.00	\$3,850.00
S-23	611	15" CONDUIT, TYPE C	19	FT	\$81.50	\$1,548.50	\$150.00	\$2,850.00
S-24	611	27" CONDUIT, TYPE C	20	FT	\$160.00	\$3,200.00	\$260.00	\$5,200.00
S-25	611	CATCH BASIN, NO. 5, AS PER PLAN	1	EACH	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00
S-26	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	1	EACH	\$1,750.00	\$1,750.00	\$500.00	\$500.00
S-27	900	MAINTAIN CREEK FLOW	1	EACH	\$10,900.00	\$10,900.00	\$16,000.00	\$16,000.00
<b>PAVEMENT (SEAMAN BRIDGE)</b>								
S-28	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	250	SY	\$15.50	\$3,875.00	\$7.00	\$1,750.00
S-29	301	ASPHALT CONCRETE BASE, PG64-22	262	CY	\$210.00	\$55,020.00	\$210.00	\$55,020.00
S-30	304	AGGREGATE BASE	290	CY	\$52.00	\$15,080.00	\$76.40	\$22,156.00
S-31	407	NON-TRACKING TACK COAT	180	GAL	\$1.00	\$180.00	\$1.00	\$180.00
S-32	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	40	CY	\$310.00	\$12,400.00	\$310.00	\$12,400.00
S-33	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	63	CY	\$275.00	\$17,325.00	\$275.00	\$17,325.00
S-34	609	COMBINATION CURB AND GUTTER, TYPE 3	23	FT	\$36.00	\$828.00	\$36.50	\$839.50
<b>WATER WORK (SEAMAN BRIDGE)</b>								
S-35	638	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	99	FT	\$260.00	\$25,740.00	\$160.00	\$15,840.00
S-36	638	20" STEEL PIPE ENCASEMENT, OPEN CUT	71	FT	\$265.00	\$18,815.00	\$125.00	\$8,875.00
S-37	638	8" GATE VALVE AND VALVE BOX	2	EACH	\$1,200.00	\$2,400.00	\$1,850.00	\$3,700.00
S-38	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$390.00	\$390.00	\$530.00	\$530.00
<b>SANITARY SEWER (SEAMAN BRIDGE)</b>								
S-39	611	15" CONDUIT, TYPE C, 707.45	115	FT	\$230.00	\$26,450.00	\$290.00	\$33,350.00
S-40	611	MANHOLE, NO. 3, SANITARY	4	EACH	\$4,750.00	\$19,000.00	\$7,500.00	\$30,000.00
S-41	638	30" STEEL PIPE ENCASEMENT, OPEN CUT	60	FT	\$355.00	\$21,300.00	\$210.00	\$12,600.00
<b>STRUCTURES (OVER 20') (SEAMAN BRIDGE)</b>								
S-42	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$4,650.00	\$4,650.00	\$20,320.00	\$20,320.00
S-43	503	UNCLASSIFIED EXCAVATION	1	LUMP	\$20,500.00	\$20,500.00	\$40,000.00	\$40,000.00
S-44	509	EPOXY COATED REINFORCING STEEL	18281	LB	\$1.20	\$21,937.20	\$1.00	\$18,281.00
S-45	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	28	CY	\$1,150.00	\$32,200.00	\$1,290.00	\$36,120.00

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<b>Geddis Paving &amp; Excavating, Inc.</b> 1019 Wamba Ave. Toledo, OH 43607 Phone: 419-536-8501	<b>E.S. Wagner Company</b> 840 Patchen Rd Oregon, OH 4361 Phone: 419-691-8651
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Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
S-46	511	CLASS QC1 CONCRETE, FOOTING	145	CY	\$380.00	\$55,100.00	\$300.00	\$43,500.00
S-47	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	4	CY	\$1,750.00	\$7,000.00	\$1,200.00	\$4,800.00
S-48	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$16.00	\$6,128.00	\$10.00	\$3,830.00
S-49	512	TYPE 2 WATERPROOFING, AS PER PLAN	155	SY	\$29.50	\$4,572.50	\$35.00	\$5,425.00
S-50	516	1" PREFORMED EXPANSION JOINT FILLER	54	SF	\$7.10	\$383.40	\$2.00	\$108.00
S-51	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	15	CY	\$370.00	\$5,550.00	\$175.00	\$2,625.00
S-52	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	248	CY	\$135.00	\$33,480.00	\$65.00	\$16,120.00
S-53	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	110	FT	\$77.00	\$8,470.00	\$95.00	\$10,450.00
S-54	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 10'-0" RISE), AS PER PLAN	56	FT	\$3,400.00	\$190,400.00	\$2,815.00	\$157,640.00
S-55	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	404	CY	\$43.50	\$17,574.00	\$85.00	\$34,340.00
<b>TRAFFIC CONTROL (SEAMAN BRIDGE)</b>								
S-56	630	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	54	FT	\$16.50	\$891.00	\$15.00	\$810.00
S-57	630	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	3	EACH	\$110.00	\$330.00	\$100.00	\$300.00
S-58	642	EDGE LINE, 4"	0.12	MILE	\$13,200.00	\$1,584.00	\$6,000.00	\$720.00
S-59	642	CENTER LINE	0.06	MILE	\$17,600.00	\$1,056.00	\$12,000.00	\$720.00
<b>MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)</b>								
S-60	614	DETOUR SIGNING	1	LS	\$2,350.00	\$2,350.00	\$500.00	\$500.00
S-61	616	WATER	1	MGAL	\$1.20	\$1.20	\$325.00	\$325.00
<b>INCIDENTALS (SEAMAN BRIDGE)</b>								
S-62	614	MAINTAINING TRAFFIC	1	LS	\$2,250.00	\$2,250.00	\$5,000.00	\$5,000.00
S-63	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$4,050.00	\$4,050.00	\$2,800.00	\$2,800.00
S-64	624	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
<b>TOTAL SEAMAN BRIDGE</b>						<b>\$744,287.53</b>		<b>\$723,419.30</b>
<b>YARROW STREET BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (YARROW BRIDGE)</b>								
Y-1	201	CLEARING AND GRUBBING	1	LS	\$465.00	\$465.00	\$7,500.00	\$7,500.00
Y-2	202	PAVEMENT REMOVED	156	SY	\$12.50	\$1,950.00	\$13.00	\$2,028.00
Y-3	202	WALK REMOVED	49	SF	\$0.65	\$31.85	\$4.00	\$196.00
Y-4	202	CURB AND GUTTER REMOVED	43	FT	\$8.90	\$382.70	\$12.00	\$516.00
Y-5	202	PIPE REMOVED, 24" AND UNDER	121	FT	\$29.00	\$3,509.00	\$10.00	\$1,210.00
Y-6	203	EXCAVATION	76	CY	\$35.00	\$2,660.00	\$9.00	\$684.00
Y-7	203	EMBANKMENT	178	CY	\$21.00	\$3,738.00	\$7.00	\$1,246.00
Y-8	204	SUBGRADE COMPACTION	105	SY	\$0.40	\$42.00	\$10.00	\$1,050.00
Y-9	608	4" CONCRETE WALK	901	SF	\$8.70	\$7,838.70	\$6.50	\$5,856.50
Y-10	608	CURB RAMP	83	SF	\$12.50	\$1,037.50	\$10.00	\$830.00
Y-11	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$100.00	\$25,000.00	\$60.00	\$15,000.00
<b>EROSION CONTROL (YARROW BRIDGE)</b>								
Y-12	659	SEEDING AND MULCHING	755	SY	\$3.20	\$2,416.00	\$3.20	\$2,416.00
Y-13	659	REPAIR SEEDING AND MULCHING	38	SY	\$3.20	\$121.60	\$8.50	\$323.00
Y-14	659	INTER-SEEDING	38	SY	\$1.70	\$64.60	\$0.50	\$19.00
Y-15	659	COMMERCIAL FERTILIZER	0.11	TON	\$660.00	\$72.60	\$4.50	\$0.50*
Y-16	659	LIME	0.16	ACRE	\$1.10	\$0.18	\$10.00	\$1.60
Y-17	659	WATER	5	MGAL	\$1.10	\$5.50	\$10.00	\$50.00
Y-18	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00	\$1.00	\$5,000.00
<b>DRAINAGE (YARROW BRIDGE)</b>								
Y-19	611	8" CONDUIT, TYPE C	24	FT	\$68.00	\$1,632.00	\$80.00	\$1,920.00
Y-20	611	12" CONDUIT, TYPE C	37	FT	\$84.50	\$3,126.50	\$90.00	\$3,330.00
Y-21	611	15" CONDUIT, TYPE C	73	FT	\$80.00	\$5,840.00	\$65.00	\$4,745.00
Y-22	611	CATCH BASIN, NO. 6	1	EACH	\$1,400.00	\$1,400.00	\$2,900.00	\$2,900.00
Y-23	611	CATCH BASIN, NO. 2-2B	1	EACH	\$1,350.00	\$1,350.00	\$1,700.00	\$1,700.00
Y-24	900	MAINTAIN CREEK FLOW	1	EACH	\$10,900.00	\$10,900.00	\$16,000.00	\$16,000.00

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Eng. Estimate: **\$1,125,875.00**

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Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT (YARROW BRIDGE)</b>								
Y-25	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	352	SY	\$12.00	\$4,224.00	\$7.00	\$2,464.00
Y-26	301	ASPHALT CONCRETE BASE, PG64-22	83	CY	\$210.00	\$17,430.00	\$210.00	\$17,430.00
Y-27	304	AGGREGATE BASE	163	CY	\$56.50	\$9,209.50	\$90.00	\$14,670.00
Y-28	407	NON-TRACKING TACK COAT	143	GAL	\$1.00	\$143.00	\$1.00	\$143.00
Y-29	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	36	CY	\$310.00	\$11,160.00	\$310.00	\$11,160.00
Y-30	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	61	CY	\$275.00	\$16,775.00	\$275.00	\$16,775.00
Y-31	609	COMBINATION CURB AND GUTTER, TYPE 3	178	FT	\$32.00	\$5,696.00	\$29.00	\$5,162.00
<b>WATER WORK (YARROW BRIDGE)</b>								
Y-32	638	FIRE HYDRANT ADJUSTED TO GRADE	1	EACH	\$2,400.00	\$2,400.00	\$645.00	\$645.00
Y-33	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$390.00	\$390.00	\$500.00	\$500.00
<b>STRUCTURES (OVER 20') (YARROW BRIDGE)</b>								
Y-34	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$9,000.00	\$9,000.00	\$20,500.00	\$20,500.00
Y-35	503	UNCLASSIFIED EXCAVATION, AS PER PLAN	1	LUMP	\$18,300.00	\$18,300.00	\$40,000.00	\$40,000.00
Y-36	509	EPOXY COATED REINFORCING STEEL	13161	LB	\$1.20	\$15,793.20	\$1.00	\$13,161.00
Y-37	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	25	CY	\$1,150.00	\$28,750.00	\$1,200.00	\$30,000.00
Y-38	511	CLASS QC1 CONCRETE, FOOTING	104	CY	\$460.00	\$47,840.00	\$315.00	\$32,760.00
Y-39	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	5	CY	\$1,200.00	\$6,000.00	\$1,250.00	\$6,250.00
Y-40	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$16.00	\$6,128.00	\$10.00	\$3,830.00
Y-41	512	TYPE 2 WATERPROOFING	97	SY	\$33.50	\$3,249.50	\$30.00	\$2,910.00
Y-42	516	1" PREFORMED EXPANSION JOINT FILLER	47	SF	\$7.10	\$333.70	\$2.00	\$94.00
Y-43	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	12	CY	\$465.00	\$5,580.00	\$175.00	\$2,100.00
Y-44	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	96	CY	\$175.00	\$16,800.00	\$75.00	\$7,200.00
Y-45	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	100	FT	\$77.00	\$7,700.00	\$95.00	\$9,500.00
Y-46	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 8'-0" RISE), AS PER PLAN	40	FT	\$3,350.00	\$134,000.00	\$2,600.00	\$104,000.00
Y-47	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	206	CY	\$78.00	\$16,068.00	\$92.00	\$18,952.00
<b>TRAFFIC CONTROL (YARROW BRIDGE)</b>								
Y-48	642	EDGE LINE, 4"	0.15	MILE	\$13,200.00	\$1,980.00	\$6,000.00	\$900.00
Y-49	642	CENTER LINE	0.07	MILE	\$17,600.00	\$1,232.00	\$12,000.00	\$840.00
<b>MAINTENANCE OF TRAFFIC (YARROW BRIDGE)</b>								
Y-50	614	DETOUR SIGNING	1	LS	\$2,350.00	\$2,350.00	\$500.00	\$500.00
Y-51	616	WATER	1	MGAL	\$1.20	\$1.20	\$325.00	\$325.00
<b>INCIDENTALS (YARROW BRIDGE)</b>								
Y-52	614	MAINTAINING TRAFFIC	1	LS	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
Y-53	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$4,050.00	\$4,050.00	\$2,800.00	\$2,800.00
Y-54	624	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
<b>TOTAL YARROW BRIDGE</b>						<b>\$487,666.83</b>		<b>\$463,092.60*</b>
<b>TOTAL BASE BID PROJECT:</b>						<b>\$1,231,954.36</b>		<b>\$1,186,511.90*</b>

Corrected Figure \*

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**Bid Tabulation**

Eng. Estimate: **\$1,125,875.00**

**Date:** Wednesday, February 26, 2020  
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**Opened by:** Paul Roman, P.E.  
**Witness:** Rodney Shultz, P.E., Jill Bosh  
**Bid Tab:** R. Shultz

<b>Miller Bros. Const., Inc.</b> 1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015	<b>Geo. Gradel Co.</b> 3135 Front St. Toledo, OH 43605 Phone: 419-691-7123
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					Unit Price	Total Price	Unit Price	Total Price
<b>SEAMAN ROAD BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (SEAMAN BRIDGE)</b>								
S-1	201	CLEARING AND GRUBBING	1	LS	\$3,000.00	\$3,000.00	\$1,230.00	\$1,230.00
S-2	202	PAVEMENT REMOVED	146	SY	\$15.00	\$2,190.00	\$16.10	\$2,350.60
S-3	202	CURB AND GUTTER REMOVED	15	FT	\$19.00	\$285.00	\$14.00	\$210.00
S-4	202	GUTTER REMOVED	7	SY	\$40.00	\$280.00	\$9.50	\$66.50
S-5	202	PIPE REMOVED, 24" AND UNDER	226	FT	\$10.00	\$2,260.00	\$35.00	\$7,910.00
S-6	202	PIPE REMOVED, OVER 24"	23	FT	\$20.00	\$460.00	\$29.75	\$684.25
S-7	202	GUARDRAIL REMOVED	401	FT	\$2.00	\$802.00	\$6.70	\$2,686.70
S-8	203	EXCAVATION	90	CY	\$10.00	\$900.00	\$16.00	\$1,440.00
S-9	203	EMBANKMENT	241	CY	\$32.00	\$7,712.00	\$14.00	\$3,374.00
S-10	204	SUBGRADE COMPACTION	394	SY	\$2.00	\$788.00	\$1.00	\$394.00
S-11	608	4" CONCRETE WALK	1455	SF	\$8.20	\$11,931.00	\$6.65	\$9,675.75
S-12	608	CURB RAMP	128	SF	\$12.00	\$1,536.00	\$13.50	\$1,728.00
S-13	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$85.00	\$21,250.00	\$63.00	\$15,750.00
<b>EROSION CONTROL (SEAMAN BRIDGE)</b>								
S-14	659	SEEDING AND MULCHING	563	SY	\$3.57	\$2,009.91	\$3.20	\$1,801.60
S-15	659	REPAIR SEEDING AND MULCHING	29	SY	\$3.57	\$103.53	\$1.00	\$29.00
S-16	659	INTER-SEEDING	29	SY	\$1.80	\$52.20	\$0.50	\$14.50
S-17	659	COMMERCIAL FERTILIZER	0.08	TON	\$600.00	\$48.00	\$450.00	\$36.00
S-18	659	LIME	0.12	ACRE	\$1.00	\$0.12	\$10.00	\$1.20
S-19	659	WATER	4	MGAL	\$1.00	\$4.00	\$10.00	\$40.00
S-20	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00	\$1.00	\$5,000.00
<b>DRAINAGE (SEAMAN BRIDGE)</b>								
S-21	611	8" CONDUIT, TYPE C	4	FT	\$43.00	\$172.00	\$93.30	\$373.20
S-22	611	12" CONDUIT, TYPE C	22	FT	\$104.00	\$2,288.00	\$104.00	\$2,288.00
S-23	611	15" CONDUIT, TYPE C	19	FT	\$89.00	\$1,691.00	\$89.00	\$1,691.00
S-24	611	27" CONDUIT, TYPE C	20	FT	\$175.00	\$3,500.00	\$116.00	\$2,320.00
S-25	611	CATCH BASIN, NO. 5, AS PER PLAN	1	EACH	\$4,200.00	\$4,200.00	\$2,060.00	\$2,060.00
S-26	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	1	EACH	\$1,700.00	\$1,700.00	\$1,220.00	\$1,220.00
S-27	900	MAINTAIN CREEK FLOW	1	EACH	\$12,000.00	\$12,000.00	\$25,650.00	\$25,650.00
<b>PAVEMENT (SEAMAN BRIDGE)</b>								
S-28	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	250	SY	\$7.00	\$1,750.00	\$7.35	\$1,837.50
S-29	301	ASPHALT CONCRETE BASE, PG64-22	262	CY	\$210.00	\$55,020.00	\$220.00	\$57,640.00
S-30	304	AGGREGATE BASE	290	CY	\$83.00	\$24,070.00	\$43.01	\$12,472.90
S-31	407	NON-TRACKING TACK COAT	180	GAL	\$1.00	\$180.00	\$1.00	\$180.00
S-32	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	40	CY	\$310.00	\$12,400.00	\$325.00	\$13,000.00
S-33	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	63	CY	\$275.00	\$17,325.00	\$290.00	\$18,270.00
S-34	609	COMBINATION CURB AND GUTTER, TYPE 3	23	FT	\$26.00	\$598.00	\$29.30	\$673.90
<b>WATER WORK (SEAMAN BRIDGE)</b>								
S-35	638	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	99	FT	\$260.00	\$25,740.00	\$196.80	\$19,483.20
S-36	638	20" STEEL PIPE ENCASEMENT, OPEN CUT	71	FT	\$524.00	\$37,204.00	\$220.00	\$15,620.00
S-37	638	8" GATE VALVE AND VALVE BOX	2	EACH	\$1,500.00	\$3,000.00	\$1,315.00	\$2,630.00
S-38	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$820.00	\$820.00	\$56.00	\$56.00
<b>SANITARY SEWER (SEAMAN BRIDGE)</b>								
S-39	611	15" CONDUIT, TYPE C, 707.45	115	FT	\$204.00	\$23,460.00	\$140.50	\$16,157.50
S-40	611	MANHOLE, NO. 3, SANITARY	4	EACH	\$4,800.00	\$19,200.00	\$5,660.00	\$22,640.00
S-41	638	30" STEEL PIPE ENCASEMENT, OPEN CUT	60	FT	\$689.00	\$41,340.00	\$225.90	\$13,554.00
<b>STRUCTURES (OVER 20') (SEAMAN BRIDGE)</b>								
S-42	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$75,000.00	\$75,000.00	\$40,400.00	\$40,400.00
S-43	503	UNCLASSIFIED EXCAVATION	1	LUMP	\$35,000.00	\$35,000.00	\$16,100.00	\$16,100.00
S-44	509	EPOXY COATED REINFORCING STEEL	18281	LB	\$1.25	\$22,851.25	\$1.45	\$26,507.45
S-45	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	28	CY	\$1,500.00	\$42,000.00	\$945.00	\$26,460.00

**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: **\$1,125,875.00**

**Date:** Wednesday, February 26, 2020  
**Time:** 10:00 AM, Local Time  
**Opened by:** Paul Roman, P.E.  
**Witness:** Rodney Shultz, P.E., Jill Bosh  
**Bid Tab:** R. Shultz

<b>Miller Bros. Const., Inc.</b> 1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015	<b>Geo. Gradel Co.</b> 3135 Front St. Toledo, OH 43605 Phone: 419-691-7123
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Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
S-46	511	CLASS QC1 CONCRETE, FOOTING	145	CY	\$450.00	\$65,250.00	\$430.00	\$62,350.00
S-47	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	4	CY	\$1,500.00	\$6,000.00	\$1,575.00	\$6,300.00
S-48	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$4.00	\$1,532.00	\$25.70	\$9,843.10
S-49	512	TYPE 2 WATERPROOFING, AS PER PLAN	155	SY	\$21.00	\$3,255.00	\$25.40	\$3,937.00
S-50	516	1" PREFORMED EXPANSION JOINT FILLER	54	SF	\$6.00	\$324.00	\$9.85	\$531.90
S-51	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	15	CY	\$90.00	\$1,350.00	\$170.00	\$2,550.00
S-52	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	248	CY	\$85.00	\$21,080.00	\$80.00	\$19,840.00
S-53	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	110	FT	\$100.00	\$11,000.00	\$74.50	\$8,195.00
S-54	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 10'-0" RISE), AS PER PLAN	56	FT	\$3,200.00	\$179,200.00	\$3,150.00	\$176,400.00
S-55	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	404	CY	\$110.00	\$44,440.00	\$92.00	\$37,168.00
<b>TRAFFIC CONTROL (SEAMAN BRIDGE)</b>								
S-56	630	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	54	FT	\$15.00	\$810.00	\$15.75	\$850.50
S-57	630	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	3	EACH	\$100.00	\$300.00	\$105.00	\$315.00
S-58	642	EDGE LINE, 4"	0.12	MILE	\$6,000.00	\$720.00	\$12,000.00	\$1,440.00
S-59	642	CENTER LINE	0.06	MILE	\$12,000.00	\$720.00	\$16,000.00	\$960.00
<b>MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)</b>								
S-60	614	DETOUR SIGNING	1	LS	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00
S-61	616	WATER	1	MGAL	\$125.00	\$125.00	\$1.00	\$1.00
<b>INCIDENTALS (SEAMAN BRIDGE)</b>								
S-62	614	MAINTAINING TRAFFIC	1	LS	\$4,000.00	\$4,000.00	\$2,200.00	\$2,200.00
S-63	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$4,100.00	\$4,100.00	\$2,750.00	\$2,750.00
S-64	624	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00	\$17,700.00	\$17,700.00
<b>TOTAL SEAMAN BRIDGE</b>						<b>\$889,827.01</b>		<b>\$748,638.25</b>
<b>YARROW STREET BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (YARROW BRIDGE)</b>								
Y-1	201	CLEARING AND GRUBBING	1	LS	\$3,000.00	\$3,000.00	\$1,230.00	\$1,230.00
Y-2	202	PAVEMENT REMOVED	156	SY	\$14.00	\$2,184.00	\$14.00	\$2,184.00
Y-3	202	WALK REMOVED	49	SF	\$11.00	\$539.00	\$2.80	\$137.20
Y-4	202	CURB AND GUTTER REMOVED	43	FT	\$13.50	\$580.50	\$9.80	\$421.40
Y-5	202	PIPE REMOVED, 24" AND UNDER	121	FT	\$12.00	\$1,452.00	\$35.00	\$4,235.00
Y-6	203	EXCAVATION	76	CY	\$20.00	\$1,520.00	\$19.00	\$1,444.00
Y-7	203	EMBANKMENT	178	CY	\$38.00	\$6,764.00	\$10.00	\$1,780.00
Y-8	204	SUBGRADE COMPACTION	105	SY	\$8.00	\$840.00	\$1.00	\$105.00
Y-9	608	4" CONCRETE WALK	901	SF	\$8.00	\$7,208.00	\$7.30	\$6,577.30
Y-10	608	CURB RAMP	83	SF	\$8.00	\$664.00	\$16.00	\$1,328.00
Y-11	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$85.00	\$21,250.00	\$63.00	\$15,750.00
<b>EROSION CONTROL (YARROW BRIDGE)</b>								
Y-12	659	SEEDING AND MULCHING	755	SY	\$2.92	\$2,204.60	\$3.00	\$2,265.00
Y-13	659	REPAIR SEEDING AND MULCHING	38	SY	\$2.92	\$110.96	\$1.00	\$38.00
Y-14	659	INTER-SEEDING	38	SY	\$1.50	\$57.00	\$0.50	\$19.00
Y-15	659	COMMERCIAL FERTILIZER	0.11	TON	\$600.00	\$66.00	\$450.00	\$49.50*
Y-16	659	LIME	0.16	ACRE	\$1.00	\$0.16	\$10.00	\$1.60
Y-17	659	WATER	5	MGAL	\$1.00	\$5.00	\$10.00	\$50.00
Y-18	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00	\$1.00	\$5,000.00
<b>DRAINAGE (YARROW BRIDGE)</b>								
Y-19	611	8" CONDUIT, TYPE C	24	FT	\$46.00	\$1,104.00	\$61.00	\$1,464.00
Y-20	611	12" CONDUIT, TYPE C	37	FT	\$97.00	\$3,589.00	\$102.00	\$3,774.00
Y-21	611	15" CONDUIT, TYPE C	73	FT	\$89.00	\$6,497.00	\$72.00	\$5,256.00
Y-22	611	CATCH BASIN, NO. 6	1	EACH	\$2,500.00	\$2,500.00	\$2,020.00	\$2,020.00
Y-23	611	CATCH BASIN, NO. 2-2B	1	EACH	\$1,800.00	\$1,800.00	\$1,886.00	\$1,886.00
Y-24	900	MAINTAIN CREEK FLOW	1	EACH	\$12,000.00	\$12,000.00	\$25,600.00	\$25,600.00

**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: **\$1,125,875.00**

**Date:** Wednesday, February 26, 2020  
**Time:** 10:00 AM, Local Time  
**Opened by:** Paul Roman, P.E.  
**Witness:** Rodney Shultz, P.E., Jill Bosh  
**Bid Tab:** R. Shultz

<b>Miller Bros. Const., Inc.</b> 1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015	<b>Geo. Gradel Co.</b> 3135 Front St. Toledo, OH 43605 Phone: 419-691-7123
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Ref No.	ODOT Item #	Item Description	Quantity	Unit	Penal		Penal	
					Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT (YARROW BRIDGE)</b>								
Y-25	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	352	SY	\$7.00	\$2,464.00	\$7.35	\$2,587.20
Y-26	301	ASPHALT CONCRETE BASE, PG64-22	83	CY	\$210.00	\$17,430.00	\$220.00	\$18,260.00
Y-27	304	AGGREGATE BASE	163	CY	\$88.00	\$14,344.00	\$55.50	\$9,046.50
Y-28	407	NON-TRACKING TACK COAT	143	GAL	\$1.00	\$143.00	\$1.00	\$143.00
Y-29	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	36	CY	\$310.00	\$11,160.00	\$325.00	\$11,700.00
Y-30	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	61	CY	\$275.00	\$16,775.00	\$288.00	\$17,568.00
Y-31	609	COMBINATION CURB AND GUTTER, TYPE 3	178	FT	\$31.00	\$5,518.00	\$30.00	\$5,340.00
<b>WATER WORK (YARROW BRIDGE)</b>								
Y-32	638	FIRE HYDRANT ADJUSTED TO GRADE	1	EACH	\$1,200.00	\$1,200.00	\$660.00	\$660.00
Y-33	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$820.00	\$820.00	\$56.00	\$56.00
<b>STRUCTURES (OVER 20') (YARROW BRIDGE)</b>								
Y-34	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$80,000.00	\$80,000.00	\$32,080.00	\$32,080.00
Y-35	503	UNCLASSIFIED EXCAVATION, AS PER PLAN	1	LUMP	\$50,000.00	\$50,000.00	\$12,790.00	\$12,790.00
Y-36	509	EPOXY COATED REINFORCING STEEL	13161	LB	\$1.25	\$16,451.25	\$1.50	\$19,741.50
Y-37	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	25	CY	\$1,500.00	\$37,500.00	\$1,020.00	\$25,500.00
Y-38	511	CLASS QC1 CONCRETE, FOOTING	104	CY	\$450.00	\$46,800.00	\$450.00	\$46,800.00
Y-39	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	5	CY	\$1,500.00	\$7,500.00	\$1,575.00	\$7,875.00
Y-40	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$4.00	\$1,532.00	\$25.70	\$9,843.10
Y-41	512	TYPE 2 WATERPROOFING	97	SY	\$21.00	\$2,037.00	\$29.20	\$2,832.40
Y-42	516	1" PREFORMED EXPANSION JOINT FILLER	47	SF	\$7.00	\$329.00	\$9.85	\$462.95
Y-43	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	12	CY	\$100.00	\$1,200.00	\$170.00	\$2,040.00
Y-44	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	96	CY	\$90.00	\$8,640.00	\$88.00	\$8,448.00
Y-45	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	100	FT	\$100.00	\$10,000.00	\$74.50	\$7,450.00
Y-46	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 8'-0" RISE), AS PER PLAN	40	FT	\$2,800.00	\$112,000.00	\$2,670.00	\$106,800.00
Y-47	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	206	CY	\$110.00	\$22,660.00	\$98.60	\$20,311.60
<b>TRAFFIC CONTROL (YARROW BRIDGE)</b>								
Y-48	642	EDGE LINE, 4"	0.15	MILE	\$6,000.00	\$900.00	\$12,000.00	\$1,800.00
Y-49	642	CENTER LINE	0.07	MILE	\$12,000.00	\$840.00	\$16,000.00	\$1,120.00
<b>MAINTENANCE OF TRAFFIC (YARROW BRIDGE)</b>								
Y-50	614	DETOUR SIGNING	1	LS	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00
Y-51	616	WATER	1	MGAL	\$125.00	\$125.00	\$1.00	\$1.00
<b>INCIDENTALS (YARROW BRIDGE)</b>								
Y-52	614	MAINTAINING TRAFFIC	1	LS	\$4,000.00	\$4,000.00	\$2,100.00	\$2,100.00
Y-53	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$3,500.00	\$3,500.00	\$14,200.00	\$14,200.00
Y-54	624	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00	\$11,500.00	\$11,500.00
<b>TOTAL YARROW BRIDGE</b>						<b>\$579,303.47</b>		<b>\$483,271.25*</b>
<b>TOTAL BASE BID PROJECT:</b>						<b>\$1,469,130.48</b>		<b>\$1,231,909.50*</b>

Corrected Figure \*

**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: \$1,125,875.00

Date: Wednesday, February 26, 2020  
 Time: 10:00 AM, Local Time  
 Opened by: Paul Roman, P.E.  
 Witness: Rodney Shultz, P.E., Jill Bosh  
 Bid Tab: R. Shultz

**E.R. Zeiler Excavating, Inc.**  
 125 W Substation Rd  
 Tepmerance, MI 48182  
 Phone: 734-847-5745

Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
<b>SEAMAN ROAD BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (SEAMAN BRIDGE)</b>								
S-1	201	CLEARING AND GRUBBING	1	LS	\$500.00	\$500.00		
S-2	202	PAVEMENT REMOVED	146	SY	\$11.00	\$1,606.00		
S-3	202	CURB AND GUTTER REMOVED	15	FT	\$11.00	\$165.00		
S-4	202	GUTTER REMOVED	7	SY	\$11.00	\$77.00		
S-5	202	PIPE REMOVED, 24" AND UNDER	226	FT	\$15.00	\$3,390.00		
S-6	202	PIPE REMOVED, OVER 24"	23	FT	\$45.00	\$1,035.00		
S-7	202	GUARDRAIL REMOVED	401	FT	\$3.00	\$1,203.00		
S-8	203	EXCAVATION	90	CY	\$34.00	\$3,060.00		
S-9	203	EMBANKMENT	241	CY	\$30.00	\$7,230.00		
S-10	204	SUBGRADE COMPACTION	394	SY	\$2.00	\$788.00		
S-11	608	4" CONCRETE WALK	1455	SF	\$5.50	\$8,002.50		
S-12	608	CURB RAMP	128	SF	\$10.00	\$1,280.00		
S-13	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$55.00	\$13,750.00		
<b>EROSION CONTROL (SEAMAN BRIDGE)</b>								
S-14	659	SEEDING AND MULCHING	563	SY	\$3.00	\$1,689.00		
S-15	659	REPAIR SEEDING AND MULCHING	29	SY	\$5.00	\$145.00		
S-16	659	INTER-SEEDING	29	SY	\$5.00	\$145.00		
S-17	659	COMMERCIAL FERTILIZER	0.08	TON	\$1,000.00	\$80.00		
S-18	659	LIME	0.12	ACRE	\$1,000.00	\$120.00		
S-19	659	WATER	4	MGAL	\$100.00	\$400.00		
S-20	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00		
<b>DRAINAGE (SEAMAN BRIDGE)</b>								
S-21	611	8" CONDUIT, TYPE C	4	FT	\$105.00	\$420.00		
S-22	611	12" CONDUIT, TYPE C	22	FT	\$123.00	\$2,706.00		
S-23	611	15" CONDUIT, TYPE C	19	FT	\$185.00	\$3,515.00		
S-24	611	27" CONDUIT, TYPE C	20	FT	\$185.00	\$3,700.00		
S-25	611	CATCH BASIN, NO. 5, AS PER PLAN	1	EACH	\$3,200.00	\$3,200.00		
S-26	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	1	EACH	\$1,200.00	\$1,200.00		
S-27	900	MAINTAIN CREEK FLOW	1	EACH	\$12,000.00	\$12,000.00		
<b>PAVEMENT (SEAMAN BRIDGE)</b>								
S-28	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	250	SY	\$8.25	\$2,062.50		
S-29	301	ASPHALT CONCRETE BASE, PG64-22	262	CY	\$240.00	\$62,880.00		
S-30	304	AGGREGATE BASE	290	CY	\$40.00	\$11,600.00		
S-31	407	NON-TRACKING TACK COAT	180	GAL	\$2.00	\$360.00		
S-32	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	40	CY	\$350.00	\$14,000.00		
S-33	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	63	CY	\$320.00	\$20,160.00		
S-34	609	COMBINATION CURB AND GUTTER, TYPE 3	23	FT	\$58.00	\$1,334.00		
<b>WATER WORK (SEAMAN BRIDGE)</b>								
S-35	638	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	99	FT	\$140.00	\$13,860.00		
S-36	638	20" STEEL PIPE ENCASEMENT, OPEN CUT	71	FT	\$100.00	\$7,100.00		
S-37	638	8" GATE VALVE AND VALVE BOX	2	EACH	\$2,000.00	\$4,000.00		
S-38	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$300.00	\$300.00		
<b>SANITARY SEWER (SEAMAN BRIDGE)</b>								
S-39	611	15" CONDUIT, TYPE C, 707.45	115	FT	\$150.00	\$17,250.00		
S-40	611	MANHOLE, NO. 3, SANITARY	4	EACH	\$4,000.00	\$16,000.00		
S-41	638	30" STEEL PIPE ENCASEMENT, OPEN CUT	60	FT	\$115.00	\$6,900.00		
<b>STRUCTURES (OVER 20') (SEAMAN BRIDGE)</b>								
S-42	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$10,000.00	\$10,000.00		
S-43	503	UNCLASSIFIED EXCAVATION	1	LUMP	\$20,000.00	\$20,000.00		
S-44	509	EPOXY COATED REINFORCING STEEL	18281	LB	\$1.65	\$30,163.65		
S-45	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	28	CY	\$925.00	\$25,900.00		

**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: \$1,125,875.00

Date: Wednesday, February 26, 2020  
 Time: 10:00 AM, Local Time  
 Opened by: Paul Roman, P.E.  
 Witness: Rodney Shultz, P.E., Jill Bosh  
 Bid Tab: R. Shultz

**E.R. Zeiler Excavating, Inc.**  
 125 W Substation Rd  
 Tepmerance, MI 48182  
 Phone: 734-847-5745

Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
S-46	511	CLASS QC1 CONCRETE, FOOTING	145	CY	\$435.00	\$63,075.00		
S-47	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	4	CY	\$1,750.00	\$7,000.00		
S-48	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$28.00	\$10,724.00		
S-49	512	TYPE 2 WATERPROOFING, AS PER PLAN	155	SY	\$29.00	\$4,495.00		
S-50	516	1" PREFORMED EXPANSION JOINT FILLER	54	SF	\$11.00	\$594.00		
S-51	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	15	CY	\$115.00	\$1,725.00		
S-52	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	248	CY	\$150.00	\$37,200.00		
S-53	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	110	FT	\$82.00	\$9,020.00		
S-54	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 10'-0" RISE), AS PER PLAN	56	FT	\$3,500.00	\$196,000.00		
S-55	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	404	CY	\$100.00	\$40,400.00		
<b>TRAFFIC CONTROL (SEAMAN BRIDGE)</b>								
S-56	630	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	54	FT	\$50.00	\$2,700.00		
S-57	630	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	3	EACH	\$100.00	\$300.00		
S-58	642	EDGE LINE, 4"	0.12	MILE	\$12,000.00	\$1,440.00		
S-59	642	CENTER LINE	0.06	MILE	\$12,000.00	\$720.00		
<b>MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)</b>								
S-60	614	DETOUR SIGNING	1	LS	\$1,500.00	\$1,500.00		
S-61	616	WATER	1	MGAL	\$25.00	\$25.00		
<b>INCIDENTALS (SEAMAN BRIDGE)</b>								
S-62	614	MAINTAINING TRAFFIC	1	LS	\$22,000.00	\$22,000.00		
S-63	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$4,300.00	\$4,300.00		
S-64	624	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00		
<b>TOTAL SEAMAN BRIDGE</b>						<b>\$763,494.65</b>		
<b>YARROW STREET BRIDGE OVER OTTER CREEK</b>								
<b>ROADWAY (YARROW BRIDGE)</b>								
Y-1	201	CLEARING AND GRUBBING	1	LS	\$500.00	\$500.00		
Y-2	202	PAVEMENT REMOVED	156	SY	\$11.00	\$1,716.00		
Y-3	202	WALK REMOVED	49	SF	\$11.00	\$539.00		
Y-4	202	CURB AND GUTTER REMOVED	43	FT	\$11.00	\$473.00		
Y-5	202	PIPE REMOVED, 24" AND UNDER	121	FT	\$17.00	\$2,057.00		
Y-6	203	EXCAVATION	76	CY	\$34.00	\$2,584.00		
Y-7	203	EMBANKMENT	178	CY	\$30.00	\$5,340.00		
Y-8	204	SUBGRADE COMPACTION	105	SY	\$2.00	\$210.00		
Y-9	608	4" CONCRETE WALK	901	SF	\$5.50	\$4,955.50		
Y-10	608	CURB RAMP	83	SF	\$10.00	\$830.00		
Y-11	690	ENVIRONMENTAL WORK INVOLVING CONTAMINATED SOILS	250	TON	\$55.00	\$13,750.00		
<b>EROSION CONTROL (YARROW BRIDGE)</b>								
Y-12	659	SEEDING AND MULCHING	755	SY	\$3.00	\$2,265.00		
Y-13	659	REPAIR SEEDING AND MULCHING	38	SY	\$5.00	\$190.00		
Y-14	659	INTER-SEEDING	38	SY	\$5.00	\$190.00		
Y-15	659	COMMERCIAL FERTILIZER	0.11	TON	\$1,000.00	\$110.00		
Y-16	659	LIME	0.16	ACRE	\$1,000.00	\$160.00		
Y-17	659	WATER	5	MGAL	\$100.00	\$500.00		
Y-18	832	EROSION CONTROL	5000	EACH	\$1.00	\$5,000.00		
<b>DRAINAGE (YARROW BRIDGE)</b>								
Y-19	611	8" CONDUIT, TYPE C	24	FT	\$105.00	\$2,520.00		
Y-20	611	12" CONDUIT, TYPE C	37	FT	\$123.00	\$4,551.00		
Y-21	611	15" CONDUIT, TYPE C	73	FT	\$175.00	\$12,775.00		
Y-22	611	CATCH BASIN, NO. 6	1	EACH	\$2,300.00	\$2,300.00		
Y-23	611	CATCH BASIN, NO. 2-2B	1	EACH	\$2,500.00	\$2,500.00		
Y-24	900	MAINTAIN CREEK FLOW	1	EACH	\$12,000.00	\$12,000.00		



**LUC-Seaman Rd & Yarrow St Bridge Replacements**

ODOT PID 107148

**Bid Tabulation**

Eng. Estimate: \$1,125,875.00

Date: Wednesday, February 26, 2020  
 Time: 10:00 AM, Local Time  
 Opened by: Paul Roman, P.E.  
 Witness: Rodney Shultz, P.E., Jill Bosh  
 Bid Tab: R. Shultz

**E.R. Zeiler Excavating, Inc.**  
 125 W Substation Rd  
 Tepmerance, MI 48182  
 Phone: 734-847-5745

Ref No.	ODOT Item #	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT (YARROW BRIDGE)</b>								
Y-25	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3" MAX	352	SY	\$8.25	\$2,904.00		
Y-26	301	ASPHALT CONCRETE BASE, PG64-22	83	CY	\$240.00	\$19,920.00		
Y-27	304	AGGREGATE BASE	163	CY	\$40.00	\$6,520.00		
Y-28	407	NON-TRACKING TACK COAT	143	GAL	\$2.00	\$286.00		
Y-29	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	36	CY	\$350.00	\$12,600.00		
Y-30	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	61	CY	\$320.00	\$19,520.00		
Y-31	609	COMBINATION CURB AND GUTTER, TYPE 3	178	FT	\$30.00	\$5,340.00		
<b>WATER WORK (YARROW BRIDGE)</b>								
Y-32	638	FIRE HYDRANT ADJUSTED TO GRADE	1	EACH	\$880.00	\$880.00		
Y-33	638	VALVE BOX ADJUSTED TO GRADE	1	EACH	\$350.00	\$350.00		
<b>STRUCTURES (OVER 20') (YARROW BRIDGE)</b>								
Y-34	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	1	LUMP	\$12,000.00	\$12,000.00		
Y-35	503	UNCLASSIFIED EXCAVATION, AS PER PLAN	1	LUMP	\$20,000.00	\$20,000.00		
Y-36	509	EPOXY COATED REINFORCING STEEL	13161	LB	\$1.65	\$21,715.65		
Y-37	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	25	CY	\$1,000.00	\$25,000.00		
Y-38	511	CLASS QC1 CONCRETE, FOOTING	104	CY	\$455.00	\$47,320.00		
Y-39	511	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN	5	CY	\$1,700.00	\$8,500.00		
Y-40	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	383	SY	\$29.00	\$11,107.00		
Y-41	512	TYPE 2 WATERPROOFING	97	SY	\$30.00	\$2,910.00		
Y-42	516	1" PREFORMED EXPANSION JOINT FILLER	47	SF	\$11.00	\$517.00		
Y-43	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	12	CY	\$100.00	\$1,200.00		
Y-44	601	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	96	CY	\$235.00	\$22,560.00		
Y-45	607	FENCE, MISC.: WOOD FENCE, AS PER PLAN	100	FT	\$83.00	\$8,300.00		
Y-46	611	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (28'-0" SPAN X 8'-0" RISE), AS PER PLAN	40	FT	\$3,500.00	\$140,000.00		
Y-47	613	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	206	CY	\$100.00	\$20,600.00		
<b>TRAFFIC CONTROL (YARROW BRIDGE)</b>								
Y-48	642	EDGE LINE, 4"	0.15	MILE	\$12,000.00	\$1,800.00		
Y-49	642	CENTER LINE	0.07	MILE	\$12,000.00	\$840.00		
<b>MAINTENANCE OF TRAFFIC (YARROW BRIDGE)</b>								
Y-50	614	DETOUR SIGNING	1	LS	\$15.00	\$15.00		
Y-51	616	WATER	1	MGAL	\$100.00	\$100.00		
<b>INCIDENTALS (YARROW BRIDGE)</b>								
Y-52	614	MAINTAINING TRAFFIC	1	LS	\$5,000.00	\$5,000.00		
Y-53	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$4,300.00	\$4,300.00		
Y-54	624	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00		
<b>TOTAL YARROW BRIDGE</b>						<b>\$520,120.15*</b>		
<b>TOTAL BASE BID PROJECT:</b>						<b>\$1,283,614.80*</b>		

Corrected Figure \*