Ordinance No. 039 **- 2020**

Accepting The Bid Of E.S. Wagner, 840 Patchen Road, Oregon, Ohio 43616 For Furnishing Labor, Materials, And Equipment For The LUC-Seaman Road & Yarrow Street Bridge Replacements, ODOT PID 107148; Authorizing The Mayor, Director Of Public Service And Finance Director To Enter Into A Contract With Said Contractor; And Declaring An Emergency

Summary And Background

Ordinance No. 1-2020, passed by Council on January 13, 2020, authorized the Director of Public Service to take bids for projects, such as, the LUC –Seaman Road & Yarrow Street Bridge Replacements, ODOT PID 107148.

Bids were advertised in accordance with law and were received and opened on February 26, 2020.

The said project is included in the approved 2020 CIP Budget under 350.7429.57735 for Seaman Road Bridge over Otter Creek Replacement Project and 350.7430.57735 for Yarrow Road Bridge over Otter Creek Replacement Project. **Now, Therefore,**

Be It Ordained By The Council Of The City Of Oregon, Ohio, That:

Section 1. The bid of E.S. Wagner, 840 Patchen Road, Oregon, Ohio 43616 for the LUC –Seaman Road ($723,419.30) & Yarrow Street ($463,092.60) Bridge Replacements, ODOT PID 107148 in a total amount not to exceed One Million One Hundred Eighty-Six Thousand, Five Hundred Eleven and 90/100 Dollars ($1,186,511.90) be and the same is hereby accepted as the lowest and best bid in accordance with prices as set forth in "Exhibit A", attached hereto and made a part hereof.

Section 2. The Mayor, Director of Public Service and Finance Director are hereby authorized to enter into a contract with E.S. Wagner, 840 Patchen Road, Oregon, Ohio 43616 for the LUC –Seaman Road & Yarrow Street Bridge Replacements, ODOT PID 107148 in a total amount not to exceed One Million One Hundred Eighty-Six Thousand, Five Hundred Eleven and 90/100 Dollars ($1,186,511.90).

Section 3. Oregon City Council hereby appropriates and authorizes the transfer of $90,000.00 from Account 350.7424.57735; and approves the necessary appropriation into Account 350.7429.57735 for the purpose of providing additional funds necessary to complete the construction work authorized by Section 1 above.

Section 4. It is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this Ordinance were adopted in an open meeting of this Council and that all deliberations of this Council and any of its committees that resulted in such formal actions were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code and that the consideration, reading and adoption of this Ordinance has been in accordance with Article III, Section 9 of the City Charter as amended.

Section 5. This Ordinance is hereby declared to be an emergency measure and shall take effect upon its passage and signature by the Mayor. The reason for the emergency lies in the fact that this Ordinance is necessary in order to let the construction contract and begin construction in a timely manner.

Vote on passage as an emergency: Yeas 7 Nays 0 Abs 0

Passed as an emergency measure: March 9, 2020

President of Council

Attest:

Clerk of Council

Approved:

Mayor

"Exhibit A"

City of Oregon, Ohio

LUC-Seaman Rd & Yarrow St Bridge Replacements

ODOT PID 107148

Bid Tabulation

Eng. Estimate: $1,125,875.00

Date:	Wednesday, February 26, 2020				**Geddis Paving & Excavating, Inc.**		**E.S. Wagner Company**	
Time:	10:00 AM, Local Time				1019 Wamba Ave.		840 Patchen Rd	
Opened by:	Paul Roman, P.E.				Toledo, OH 43607		Oregon, OH 4361	
Witness:	Rodney Shultz, P.E., Jill Bosh				Phone: 419-536-8501		Phone: 419-691-8651	
Bid Tab:	R. Shultz			Bid Bond:	Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
		SEAMAN ROAD BRIDGE OVER OTTER CREEK						
		ROADWAY (SEAMAN BRIDGE)						
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
		EROSION CONTROL (SEAMAN BRIDGE)						
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
		DRAINAGE (SEAMAN BRIDGE)						
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
		PAVEMENT (SEAMAN BRIDGE)						
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
		WATER WORK (SEAMAN BRIDGE)						
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
		SANITARY SEWER (SEAMAN BRIDGE)						
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
		STRUCTURES (OVER 20') (SEAMAN BRIDGE)						
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

City of Oregon, Ohio

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

					Bid Bond:	**Geddis Paving & Excavating, Inc.** 1019 Wamba Ave. Toledo, OH 43607 Phone: 419-536-8501 Penal		**E.S. Wagner Company** 840 Patchen Rd Oregon, OH 4361 Phone: 419-691-8651 Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**		**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-59	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
		TRAFFIC CONTROL (SEAMAN BRIDGE)							
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
		MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)							
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
		INCIDENTALS (SEAMAN BRIDGE)							
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
		TOTAL SEAMAN BRIDGE					**$744,287.53**		**$723,419.30**
		YARROW STREET BRIDGE OVER OTTER CREEK							
		ROADWAY (YARROW BRIDGE)							
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
		EROSION CONTROL (YARROW BRIDGE)							
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
		DRAINAGE (YARROW BRIDGE)							
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

City of Oregon, Ohio

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

					Geddis Paving & Excavating, Inc. 1019 Wamba Ave. Toledo, OH 43607 Phone: 419-536-8501		**E.S. Wagner Company** 840 Patchen Rd Oregon, OH 4361 Phone: 419-691-8651	
				Bid Bond:	Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
		PAVEMENT (YARROW BRIDGE)						
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
		WATER WORK (YARROW BRIDGE)						
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
		STRUCTURES (OVER 20') (YARROW BRIDGE)						
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
		TRAFFIC CONTROL (YARROW BRIDGE)						
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
		MAINTENANCE OF TRAFFIC (YARROW BRIDGE)						
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
		INCIDENTALS (YARROW BRIDGE)						
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
		TOTAL YARROW BRIDGE				**$487,666.83**		**$463,092.60***
		TOTAL BASE BID PROJECT:				**$1,231,954.36**		**$1,186,511.90***

Corrected Figure *

City of Oregon, Ohio

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

					Bid Bond:	Miller Bros. Const., Inc. 1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015 Penal		Geo. Gradel Co. 3135 Front St. Toledo, OH 43605 Phone: 419-691-7123 Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**		**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
		SEAMAN ROAD BRIDGE OVER OTTER CREEK							
		ROADWAY (SEAMAN BRIDGE)							
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
		EROSION CONTROL (SEAMAN BRIDGE)							
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
		DRAINAGE (SEAMAN BRIDGE)							
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
		PAVEMENT (SEAMAN BRIDGE)							
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
		WATER WORK (SEAMAN BRIDGE)							
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
		SANITARY SEWER (SEAMAN BRIDGE)							
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
		STRUCTURES (OVER 20') (SEAMAN BRIDGE)							
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

City of Oregon, Ohio

LUC-Seaman Rd & Yarrow St Bridge Replacements

ODOT PID 107148

Bid Tabulation

Eng. Estimate: $1,125,875.00

					Miller Bros. Const., Inc.		Geo. Gradel Co.	
Date:	Wednesday, February 26, 2020				1613 South Defiance Street, P.O. Box 30		3135 Front St.	
Time:	10:00 AM, Local Time				Archbold, OH 43502		Toledo, OH 43605	
Opened by:	Paul Roman, P.E.				Phone: 419-445-1015		Phone: 419-691-7123	
Witness:	Rodney Shultz, P.E., Jill Bosh							
Bid Tab:	R. Shultz			Bid Bond:	Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**	**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-59	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
		TRAFFIC CONTROL (SEAMAN BRIDGE)						
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
		MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)						
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
		INCIDENTALS (SEAMAN BRIDGE)						
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
		TOTAL SEAMAN BRIDGE				**$889,827.01**		**$748,638.25**
		YARROW STREET BRIDGE OVER OTTER CREEK						
		ROADWAY (YARROW BRIDGE)						
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
		EROSION CONTROL (YARROW BRIDGE)						
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
		DRAINAGE (YARROW BRIDGE)						
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

City of Oregon, Ohio

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

					Miller Bros. Const., Inc. 1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015		Geo. Gradel Co. 3135 Front St. Toledo, OH 43605 Phone: 419-691-7123	
				Bid Bond:	Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
		PAVEMENT (YARROW BRIDGE)						
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
		WATER WORK (YARROW BRIDGE)						
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
		STRUCTURES (OVER 20') (YARROW BRIDGE)						
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
		TRAFFIC CONTROL (YARROW BRIDGE)						
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
		MAINTENANCE OF TRAFFIC (YARROW BRIDGE)						
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
		INCIDENTALS (YARROW BRIDGE)						
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
		TOTAL YARROW BRIDGE				**$579,303.47**		**$483,271.25***
		TOTAL BASE BID PROJECT:				**$1,469,130.48**		**$1,231,909.50***

Corrected Figure *

City of Oregon, Ohio

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

Bid Bond: Penal | Penal

Ref No.	ODOT Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
		SEAMAN ROAD BRIDGE OVER OTTER CREEK						
		ROADWAY (SEAMAN BRIDGE)						
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		
		EROSION CONTROL (SEAMAN BRIDGE)						
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		
		DRAINAGE (SEAMAN BRIDGE)						
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		
		PAVEMENT (SEAMAN BRIDGE)						
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		
		WATER WORK (SEAMAN BRIDGE)						
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		
		SANITARY SEWER (SEAMAN BRIDGE)						
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		
		STRUCTURES (OVER 20') (SEAMAN BRIDGE)						
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		

City of Oregon, Ohio

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			
				Bid Bond:	Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**	**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-59	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		
		TRAFFIC CONTROL (SEAMAN BRIDGE)						
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		
		MAINTENANCE OF TRAFFIC (SEAMAN BRIDGE)						
S-60	614	DETOUR SIGNING	1	LS	$1,500.00	$1,500.00		
S-61	616	WATER	1	MGAL	$25.00	$25.00		
		INCIDENTALS (SEAMAN BRIDGE)						
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		
		TOTAL SEAMAN BRIDGE				**$763,494.65**		
		YARROW STREET BRIDGE OVER OTTER CREEK						
		ROADWAY (YARROW BRIDGE)						
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		
		EROSION CONTROL (YARROW BRIDGE)						
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		
		DRAINAGE (YARROW BRIDGE)						
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		

City of Oregon, Ohio

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Opened by:	Paul Roman, P.E.
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					Bid Bond:	**E.R. Zeiler Excavating, Inc.** 125 W Substation Rd Tepmerance, MI 48182 Phone: 734-847-5745 Penal		Penal	
Ref No.	**ODOT Item #**	**Item Description**	**Quantity**	**Unit**		**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
		PAVEMENT (YARROW BRIDGE)							
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		
		WATER WORK (YARROW BRIDGE)							
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		
		STRUCTURES (OVER 20') (YARROW BRIDGE)							
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		
		TRAFFIC CONTROL (YARROW BRIDGE)							
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		
		MAINTENANCE OF TRAFFIC (YARROW BRIDGE)							
Y-50	614	DETOUR SIGNING	1	LS		$15.00	$15.00		
Y-51	616	WATER	1	MGAL		$100.00	$100.00		
		INCIDENTALS (YARROW BRIDGE)							
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		
		TOTAL YARROW BRIDGE					**$520,120.15***		
		TOTAL BASE BID PROJECT:					**$1,283,614.80***		

Corrected Figure *