

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

January 14, 2021

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, January 14, 2021

Index of Projects

Project No	PID No.	County	Route/Section	Project Type	Page	
Federal						
D	200569	90942	Lorain	IR 90-17.85	BRIDGE REPLACEMENT (2 BRIDGES)	1
D	200608	106981	Warren	US 22-07.12	MINOR WIDENING	9
D	210003	94433	Ashland	SR 302-09.34	BRIDGE REPLACEMENT (1 BRIDGE)	15
D	210004	108680	Athens	Woodlane Drive	BRIDGE REPLACEMENT (1 BRIDGE)	19
D	210005	107487	Belmont	SR 147/VAR-13.23/VAR	TWO LANE RESURFACING	22
D	210006	102736	Butler	SR 4-15.80	BRIDGE REPAIR	25
D	210007	110393	Carroll	SR 43-24.05	TWO LANE RESURFACING	33
D	210008	111977	Clark	SR-SR 41/SR 235-31.26/06.16	TWO LANE RESURFACING	35
D	210009	101120	Clark	SR-SR 72-11.86	FOUR LANE RESURFACING	37
D	210010	110554	Clermont	IR 275-07.71	SLIDE REPAIR	40
D	210011	105887	Cuyahoga	SR 17-00.00	FOUR LANE RESURFACING	44
	210012	113633	Cuyahoga	PM FY2021 Safety	PAVEMENT MARKING	49
	210013	101005	D01	PM FY21	PAVEMENT MARKING	51
	210014	113754	D08	R-WR Pavement Marking FY21	PAVEMENT MARKING	53
D	210015	102890	D09	CR-FY2021	CULVERT REPLACEMENT	55
D	210016	108078	Darke	US 127-21.59	BRIDGE REPAIR	59
D	210017	101385	Defiance	SR 2-09.01	BRIDGE REPLACEMENT (1 BRIDGE)	62
D	210018	104099	Geauga	SR 166-01.08	CULVERT REPLACEMENT	66
D	210019	106261	Geauga	US 322-07.78 Safety	SPOT SAFETY	69
D	210020	100909	Greene	Culverts FY21	CULVERT REPLACEMENT	76
D	210021	105831	Hamilton	Deer Park Bike/Ped Connector	BIKEWAYS	79
	210022	106426	Hamilton	Mt. Healthy SRTS 2017	SIDEWALK	84
D	210023	100884	Highland	SR 41-00.38	BRIDGE REPLACEMENT (1 BRIDGE)	87
D	210024	106331	Huron	US 20-07.35	FOUR LANE RESURFACING	91
D	210025	102055	Jefferson	SR 150A/SR 7 Park & Ride	PARKING AREAS	96
D	210026	13484	Lake	SR 2-01.05 L&R	BRIDGE REPAIR	99

Thursday, January 14, 2021

Index of Projects

	Project No	PID No.	County	Route/Section	Project Type	Page
D	210027	110486	Lucas	US 20-09.10 @McCord Sfty Grp A	SIGNALIZATION	110
D	210028	94675	Mercer	SR 716-05.02	BRIDGE REPAIR	114
D	210029	107678	Putnam	/PUT-US 224/SR 114/SR 637-VAR	TWO LANE RESURFACING	117
D	210030	88970	Pike	SR 32-03.04	FOUR LANE RESURFACING	120
D	210031	104155	Pike	SR 772-13.77 Slide Repair	SLIDE REPAIR	124
D	210032	110460	Preble	SR 177 -00.70	INTERSECTION	127
D	210033	96519	Trumbull	IR 80-08.56 (PART 1 AND PART 2)	FOUR LANE RESURFACING	130
D	210034	108862	Vinton	CR VAR GR FY21	GUARDRAIL REBUILDING	141
S	214000	98638	Mercer	SR 219-12.10	CULVERT REPLACEMENT	159
<b>State</b>						
	210035	111622	D04	PM FY2021 (East)	PAVEMENT MARKING	142
	210036	107575	D08	Mowing FY2021 (A)	MOWING	145
	210037	107576	D08	/D07 Mowing FY2021 (B)	MOWING	146
E	210038	110882	Geauga	SR 87-02.73 Signals	SIGNALIZATION	147
E	210039	113238	Hamilton	Winton Woods Park	PARKING AREAS	150
	210040	109375	Jackson	Jackson Lake Resurfacing	PARKING AREAS	152
E	210041	109332	Logan	ODNR Indian Lake State Park	PARKING AREAS	154
E	210042	109382	Ross	Tar Hollow Slips ODNR FY21	SLIDE REPAIR	157
	217000	113791	Jefferson	US 22-05.90	BRIDGE REPAIR	162
	218000	114299	Hamilton	IR 75-14.60 clearing	LANDSCAPING	164

Thursday, January 14, 2021

Index of Projects

Project No	PID No.	County	Route/Section	Project Type	Page
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**ODOT = Ohio Department of Transportation**

**CFR = Code of Federal Regulations**

**O.R.C. = Ohio Revised Code**

- D** Disadvantaged Business Enterprise (DBE) Requirement. DBE participation goals (subcontracts, materials, supplies) have been set on this project for those certified as DBE's in accordance with the TEA - 21(1998) and 49 CFR, Part 26, and qualified to bid with ODOT under Chapter 5525 of the O.R.C.
- E** EDGE Requirement. An EDGE participation goal has been established (subcontracts, materials, supplies) on this project for those certified as EDGE firms in accordance with O.R.C. Section 123.152 and qualified to bid with ODOT pursuant to O.R.C. Chapter 5525.
- S** SBE Set-Aside. This project is set-aside for SBE (Small Business Enterprise) contractors only, in accordance with 49 CFR, Part 26, and qualified to bid with ODOT pursuant to O.R.C. Chapter 5525.

**Project Number: 200569**

**PID: 90942**

**Lorain**

IR 90-17.85

E140(786)

DBE Goal: 10%

Date Set for Completion: 7/31/2022

Type: BRIDGE REPLACEMENT (2 BRIDGES)

Plan Cost: \$48.00

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF SHEFFIELD, CITY OF AVON, IN LORAIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING TWO BRIDGES AND APPROACHES, WIDENING THE OUTSIDE SHOULDER, RESURFACING ASPHALT PAVEMENT, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	11,982.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,225.000
0004	203E10000	EXCAVATION (WT: 04)	CY	8,712.000
0005	203E20000	EMBANKMENT (WT: 04)	CY	4,363.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	26,163.000
0007	204E45000	PROOF ROLLING (WT: NR)	HOUR	13.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	764.000
0009	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0200	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	12.000
0201	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0202	606E16001	GUARDRAIL REBUILT, AS PER PLAN (WT: 36)	FT	125.000
0203	607E35001	FENCE REMOVED AND REBUILT, AS PER PLAN (WT: 37)	FT	207.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	69.000

0011	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	27.000
0012	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0013	659E00300	TOPSOIL (WT: 46)	CY	1,730.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	11,146.000
0015	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	557.000
0016	659E15000	INTER-SEEDING (WT: 46)	SY	557.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.500
0018	659E31000	LIME (WT: 46)	ACRE	0.260
0019	659E35000	WATER (WT: 46)	MGAL	62.000
0020	659E40000	MOWING (WT: 46)	MSF	2,786.000
0021	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	4,439.000
0022	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0023	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0024	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	74,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0026	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	14,229.000
0027	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	1,868.000
0028	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	13,476.000
0029	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	537.000
0030	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	33.000
0031	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	8.000
0032	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	2.000
0033	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0034	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	17.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0035	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	13,665.000
0036	253E02000	PAVEMENT REPAIR (WT: 16)	CY	6,104.000
0037	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIES 3.25" TYP.) (WT: 13)	SY	17,439.000
0038	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	3,488.000

0039	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	7,147.000
0040	304E20000	AGGREGATE BASE (WT: 09)	CY	4,361.000
0041	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	6,464.000
0042	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	1,683.000
0043	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	1,963.000
0044	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	490.000
0045	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	14,410.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>ELECTRICAL</b>		
0046	625E31510	PULL BOX REMOVED (WT: 43)	EACH	2.000
<b>Total 0005</b>		<b>ELECTRICAL</b>		
<b>Section 0006</b>		<b>TRAFFIC CONTROL</b>		
0047	621E00100	RPM (WT: 41)	EACH	59.000
0048	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	50.000
0049	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	54.000
0050	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	63.000
0051	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	36.000
0052	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	2.000
0053	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	44.000
0054	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	33.000
0055	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0056	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0057	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0058	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0059	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0060	644E00104	EDGE LINE, 6" (WT: 45)	MILE	2.770

0061	644E00204	LANE LINE, 6" (WT: 45)	MILE	1.280
0062	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.130
0063	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.060
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0064	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	1,000.000
0065	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,270.000
0066	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0067	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	2.000
0068	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	15.000
0069	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	50.000
0070	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	1,740.000
0071	614E13310	BARRIER REFLECTOR, TYPE 1, (ONE WAY) (WT: NR)	EACH	19.000
0072	614E13310	BARRIER REFLECTOR, TYPE 1, (TWO WAY) (WT: NR)	EACH	142.000
0073	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	19.000
0074	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	142.000
0075	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	18.000
0076	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	5,683.000
0077	616E10000	WATER (WT: NR)	MGAL	55.000
0078	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,550.000
0079	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	7,820.000
0080	642E00105	EDGE LINE, 6", TYPE 1, AS PER PLAN (WT: 39)	MILE	9.540
0081	642E00401	CHANNELIZING LINE, 8", TYPE 1, AS PER PLAN (WT: 39)	FT	25,182.000
0082	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 L, 4704895)</b>			
0083	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0084	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0085	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	773.000



0086	503E11100	COFFERDAMS AND EXCAVATION BRACING (TEMPORARY SHORING) (WT: 21)	LS	1.000
0087	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0088	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 1) (WT: 53)	SF	812.000
0089	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 2) (WT: 53)	SF	877.000
0090	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0091	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	1,500.000
0092	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	1,350.000
0093	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	138,107.000
0094	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	349.000
0095	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	58.000
0096	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	90.000
0097	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	114.000
0098	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	773.000
0099	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0100	513E10281	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN (WT: 24)	LB	240,810.000
0101	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	8,334.000
0102	513E95030	STRUCTURAL STEEL, MISC.: TEMPORARY BEAM END RETROFIT (WT: 24)	EACH	2.000
0103	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	137.000
0104	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	124.000
0105	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0106	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	165.000
0107	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15" x 14" x 2.499" PAD WITH 17" x 15" x 2.000" LOAD PLATE) (WT: 21)	EACH	16.000

0108	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 12" x 3.398" PAD WITH 17" x 13" x 1.500" TOP LOAD PLATE, 14" x 13" x 1.500" BOTTOM LOAD PLATE AND HP SECTION) (WT: 21)	EACH	16.000
0109	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	121.000
0110	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	167.000
0111	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	63.000
0112	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	40.000
0113	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	176.000
0114	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	59.000
0115	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	343.000
0116	526E90010	TYPE A INSTALLATION (WT: 29)	FT	130.000
0117	601E12001	RIPRAP, WITH GROUT, AS PER PLAN (WT: 35)	SY	1,105.000
0118	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0119	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	54.000

**Total 0008      STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 L, 4704895)**

<b>Section 0009</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 R, 4704925)</b>			
0120	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0121	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0122	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	821.000
0123	503E11100	COFFERDAMS AND EXCAVATION BRACING (TEMPORARY SHORING) (WT: 21)	LS	1.000
0124	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0125	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 3) (WT: 53)	SF	847.000
0126	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 4) (WT: 53)	SF	918.000
0127	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0128	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	1,600.000

0129	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	1,440.000
0130	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	142,171.000
0131	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	369.000
0132	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	61.000
0133	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	104.000
0134	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	120.000
0135	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	904.000
0136	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0137	513E10281	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN (WT: 24)	LB	253,340.000
0138	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	8,004.000
0139	513E95030	STRUCTURAL STEEL, MISC.: TEMPORARY BEAM END RETROFIT (WT: 24)	EACH	2.000
0140	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	111.000
0141	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	70.000
0142	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	62.000
0143	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	193.000
0144	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15" x 14" x 2.499" PAD WITH 17" x 15" x 2.000" LOAD PLATE) (WT: 21)	EACH	16.000
0145	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 12" x 3.848" PAD WITH 17" x 13" x 1.500" TOP LOAD PLATE, 14" x 13" x 1.500" BOTTOM LOAD PLATE AND HP SECTION) (WT: 21)	EACH	16.000
0146	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	129.000
0147	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	173.000
0148	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	70.000

0149	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	120.000
0150	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	150.000
0151	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	75.000
0152	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	343.000
0153	526E90010	TYPE A INSTALLATION (WT: 29)	FT	139.000
0154	601E12001	RIPRAP, WITH GROUT, AS PER PLAN (WT: 35)	SY	1,215.000
0155	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0156	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	58.000

**Total 0009      STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 R, 4704925)**

<b>Section 0010</b>	<b>INCIDENTALS</b>			
0157	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0158	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0159	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0160	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	15.000
0161	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0162	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0010      INCIDENTALS**

**Project Number: 200608**

**PID: 106981**

**Warren**

US 22-07.12

E180(686)

DBE Goal: 8%

Date Set for Completion: 10/31/2021

Type: MINOR WIDENING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN HAMILTON TOWNSHIP, WARREN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ADDING TURNING LANES, INSTALLING A TRAFFIC SIGNAL, IMPROVING WATER LINES, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,346.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	308.000
0004	202E75000	FENCE REMOVED (WT: NR)	FT	130.000
0005	202E98100	REMOVAL MISC.: BOLLARD (WT: NR)	EACH	16.000
0006	202E98100	REMOVAL MISC.: WOOD POST (WT: NR)	EACH	1.000
0007	202E98200	REMOVAL MISC.: ROCK WALL (WT: NR)	FT	32.000
0008	203E10000	EXCAVATION (WT: 06)	CY	1,885.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	373.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,200.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,245.000
0012	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	1,245.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0014	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	3,200.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	325.000
0016	606E15051	GUARDRAIL, TYPE MGS, AS PER PLAN (WT: 36)	FT	62.500
0017	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0018	606E26551	ANCHOR ASSEMBLY, MGS TYPE T, AS PER PLAN (WT: 36)	EACH	1.000
0019	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	1.000

0020	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	2.000
0021	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	7.000
0022	625E31510	PULL BOX REMOVED (WT: 43)	EACH	3.000
0023	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	1.000
0024	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	4.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0025	659E00300	TOPSOIL (WT: 46)	CY	644.000
0026	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,140.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	257.000
0028	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.690
0029	659E31000	LIME (WT: 46)	ACRE	1.060
0030	659E35000	WATER (WT: 46)	MGAL	27.800
0031	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	1,107.000
0032	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0033	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0034	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0035	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
0036	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0037	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0038	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,557.000
0039	605E31100	AGGREGATE DRAINS (WT: 35)	FT	80.000
0040	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	33.000
0041	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	278.000
0042	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0043	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			

0044	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	779.000
0045	304E20000	AGGREGATE BASE (WT: 09)	CY	521.000
0046	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	538.000
0047	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	131.000
0048	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	139.000
0049	618E40800	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	FT	1,137.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0050	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	145.000
0051	202E98000	REMOVAL MISC.: EXISTING WATER MAIN (WARREN COUNTY) (WT: NR)	LS	1.000
0052	203E98000	ROADWAY, MISC.: ADDITIONAL EXCAVATION (CIN 1119) (WT: 06)	CY	5.000
0053	509E25000	UNCOATED REINFORCING STEEL (WT: 23)	LB	1,500.000
0054	602E98200	MASONRY, MISC.: CONCRETE, CLASS "C" (CIN 1110) (WT: 35)	CY	13.000
0055	625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN, 2" (WT: 43)	FT	12.000
0056	638E20080	SPECIAL - 8" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (WARREN COUNTY) (WT: 35)	FT	184.000
0057	638E20168	SPECIAL - 12" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (CIN 1101) (WT: 35)	FT	14.000
0058	638E20248	SPECIAL - 20" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (CIN 1101) (WT: 35)	FT	1,126.000
0059	638E20498	SPECIAL - VALVE BOX (CIN 1116) (WT: 35)	EACH	2.000
0060	638E20500	SPECIAL - VALVE BOX ADJUSTED TO GRADE (WARREN COUNTY) (WT: 35)	EACH	1.000
0061	638E20750	SPECIAL - 6" FIRE HYDRANT (WARREN COUNTY) (WT: 35)	EACH	2.000
0062	638E20766	SPECIAL - 3/4" COPPER WATER SERVICE LINE, TYPE K (WARREN COUNTY) (WT: 35)	FT	17.000
0063	638E30002	SPECIAL - SHEETING AND BRACING ORDERED LEFT IN PLACE (CIN 637) (WT: 35)	MBF	1.000
0064	638E98000	WATER WORK, MISC.: REMOVING EXISTING MANHOLE CURB AND COVER (CIN 1122) (WT: 35)	EACH	1.000

0065	638E98000	WATER WORK, MISC.: RESTRAINED COUPLING SLEEVE, DRESSER STYLE 38 (WARREN COUNTY) (WT: 35)	EACH	2.000
0066	638E98000	WATER WORK, MISC.: SERVICE CONNECTIONS (WARREN COUNTY) (WT: 35)	EACH	2.000
0067	638E98100	WATER WORK, MISC.: DISINFECTION AND PRESSURE TEST (WARREN COUNTY) (WT: 35)	LS	1.000
0068	638E98600	WATER WORK, MISC.: CHANGING 8" AND UNDER PIPE SEWER (CIN 1123) (WT: 35)	FT	10.000
0069	638E98600	WATER WORK, MISC.:CHANGING 10" THRU 24" PIPE SEWER (CIN 1123) (WT: 35)	FT	10.000

**Total 0005 WATER WORK**

Section	0006	TRAFFIC CONTROL		
0070	621E00100	RPM (WT: 41)	EACH	85.000
0071	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	27.000
0072	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	6.000
0073	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	92.000
0074	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	15.000
0075	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0076	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	6.000
0077	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.400
0078	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.400
0079	644E00300	CENTER LINE (WT: 45)	MILE	0.700
0080	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	635.000
0081	644E00500	STOP LINE (WT: 45)	FT	24.000
0082	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	376.000
0083	644E01300	LANE ARROW (WT: 45)	EACH	8.000

**Total 0006 TRAFFIC CONTROL**

Section	0007	TRAFFIC SIGNALS		
0084	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	11.000
0085	625E25900	CONDUIT, JACKED OR DRILLED, 3" (WT: 43)	FT	82.000
0086	625E29000	TRENCH (WT: 43)	FT	11.000
0087	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0088	625E32000	GROUND ROD (WT: 43)	EACH	5.000



0089	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	24.000
0090	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	2.000
0091	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	6.000
0092	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	23.000
0093	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	8.000
0094	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0095	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	229.000
0096	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	229.000
0097	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	585.000
0098	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0099	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	62.000
0100	632E69801	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG, AS PER PLAN (WT: 44)	FT	44.000
0101	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0102	632E86131	STRAIN POLE, TYPE TC-81.11, DESIGN 10, AS PER PLAN (WT: 44)	EACH	4.000
0103	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0104	633E65521	CABINET, TYPE 332, AS PER PLAN (WT: 44)	EACH	1.000
0105	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0106	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0107	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0108	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0109	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0110	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	2.000
0111	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000

**Total 0007      TRAFFIC SIGNALS**

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**Section 0008      MAINTENANCE OF TRAFFIC**

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0112	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
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0113	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.400
0114	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.400
0115	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	20.000

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**Total 0008      MAINTENANCE OF TRAFFIC**

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<b>Section 0009</b>	<b>INCIDENTALS</b>			
0116	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0117	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0118	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0119	624E10000	MOBILIZATION (WT: NR)	LS	1.000

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**Total 0009      INCIDENTALS**

**Project Number: 210003**

**PID: 94433**

**Ashland**

SR 302-09.34

E150(534)

DBE Goal: 9%

Date Set for Completion: 10/29/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING ASD-302-9.34 IN ASHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. ASD-302-0934, A SINGLE SPAN COMPOSITE BOX BEAM WITH REINFORCED CONCRETE DECK ON REINFORCED CONCRETE SUBSTRUCTURE, (SPAN: 85'; ROADWAY: 32' FACE/FACE OF RAILING), SR 302 OVER ORANGE CREEK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	738.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	341.000
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0006	203E10000	EXCAVATION (WT: 06)	CY	31.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	199.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	519.000
0009	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	42.000
0010	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	111.000
0011	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0012	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	332.000
0013	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	212.500
0014	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	75.000
0015	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	1.000
0016	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	1.000
0017	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0018	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	266.000
0019	659E00300	TOPSOIL (WT: 46)	CY	42.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	693.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	35.000
0022	659E15000	INTER-SEEDING (WT: 46)	SY	35.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.050
0024	659E31000	LIME (WT: 46)	ACRE	0.080
0025	659E35000	WATER (WT: 46)	MGAL	4.000
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	32,200.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0027	605E31100	AGGREGATE DRAINS (WT: 35)	FT	70.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0028	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	94.000
0029	304E20000	AGGREGATE BASE (WT: 09)	CY	97.000
0030	407E10000	TACK COAT (WT: 10)	GAL	66.000
0031	408E10000	PRIME COAT (WT: 10)	GAL	63.000
0032	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	46.000
0033	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	19.000
0034	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	27.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0035	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	8.000
0036	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	12.000
0037	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1.000
0038	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0039	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0040	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.120

0041	646E10200	CENTER LINE (WT: 45)	MILE	0.060
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0042	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0043	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0044	616E10000	WATER (WT: NR)	MGAL	1.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE REPAIR (ASD-302-0934)			
0045	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0046	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	107.000
0047	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	463.000
0048	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0049	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0050	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0051	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	805.000
0052	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	875.000
0053	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	14.000
0054	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	18,280.000
0055	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	73.000
0056	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	86.000
0057	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	115.000
0058	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	10.000
0059	515E12090	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48, (86'-0" O/O BEAM) (WT: 20)	EACH	8.000
0060	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	42.000
0061	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 20)	FT	91.000
0062	516E42600	ELASTOMERIC BEARING PAD, MISC.: 6"x2" ELASTOMERIC BEARING STRIP (WT: 20)	FT	72.000

0063	516E43200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), (1'-0"x9"x2") (WT: 20)	EACH	32.000
0064	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	182.000
0065	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	67.000
0066	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	205.000
0067	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	100.000
0068	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	71.000
0069	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	1.000
0070	526E15000	REINFORCED CONCRETE APPROACH SLABS (T=13") (WT: 29)	SY	143.000
0071	526E90010	TYPE A INSTALLATION (WT: 29)	FT	64.000
Total 0007		STRUCTURE REPAIR (ASD-302-0934)		
Section 0008	INCIDENTALS			
0072	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0073	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0074	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0075	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0076	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

**Project Number: 210004**

**PID: 108680**

**Athens**

Woodlane Drive

E190(896)

DBE Goal: 10%

Date Set for Completion: 8/1/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING WOODLAND DRIVE IN THE CITY OF NELSONVILLE, OF ATHENS COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING AN EXISTING STRUCTURE WITH A COMPOSITE PRESTRESSED CONCRETE BOX BEAMS WITH REINFORCED CONCRETE DECK STRUCTURE AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	175.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	401.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	2.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	8.000
0006	203E10000	EXCAVATION (WT: 06)	CY	23.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	74.000
0008	204E10000	SUBGRADE COMPACTION (WT: 09)	SY	154.000
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	150.000
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	4.000
0011	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	416.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.060
0014	659E31000	LIME (WT: 46)	ACRE	0.090

0015	659E35000	WATER (WT: 46)	MGAL	3.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0017	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	43.000
0018	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	24.000
0019	304E20000	AGGREGATE BASE (WT: 09)	CY	25.000
0020	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	16.000
0021	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	12.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0022	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	2.000
0023	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	8.000
0024	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.030
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0025	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0026	616E10000	WATER (WT: NR)	MGAL	1.000
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE OVER 20 FOOT SPAN (ATH-WOODLANE DRIVE)		
0027	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0028	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0029	503E21100	UNCLASSIFIED EXCAVATION (WT: 20)	CY	125.000
0030	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN, SECTION MODULUS OF 48.50 CUBIC INCHES PER FOOT (WT: 53)	SF	2,865.000
0031	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0032	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	480.000
0033	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	420.000
0034	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	13,113.000



0035	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	56.000
0036	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	58.000
0037	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	92.000
0038	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	32.000
0039	515E12070	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-48(LENGTH = 81') (WT: 20)	EACH	7.000
0040	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	37.000
0041	516E31000	JOINT SEALER (WT: 27)	FT	56.000
0042	516E41100	1/8" PREFORMED BEARING PAD (WT: 27)	EACH	14.000
0043	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), 10"X5"X1" (WT: 27)	EACH	28.000
0044	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	171.000
0045	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	190.000
0046	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	93.000
0047	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	60.000
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Total 0006		STRUCTURE OVER 20 FOOT SPAN (ATH-WOODLANE DRIVE)		
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Section 0007		INCIDENTALS		
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0048	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0049	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0050	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0051	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

**Project Number: 210005**

**PID: 107487**

**Belmont**

**SR 147/VAR-13.23/VAR**

**E191(034)**

DBE Goal: 6%

Date Set for Completion: 10/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAYS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	4,045.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	775.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	18.000
0004	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	12.980
0005	607E98000	FENCE, MISC.:ORANGE PLASTIC CONSTRUCTION FENCE (WT: 37)	FT	1,124.000
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	90.000
0007	608E52000	CURB RAMP (WT: 38)	SF	156.000
0008	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	579.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	659E98000	SEEDING, MISC.:URB RAMP RESTORATION (WT: 46)	SY	9.000
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0011	605E31100	AGGREGATE DRAINS (WT: 35)	FT	170.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		

0012	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	620.000
0013	253E02000	PAVEMENT REPAIR (WT: 16)	CY	340.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1-1/4") (WT: 13)	SY	544.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(3") (WT: 13)	SY	32,548.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	22,267.000
0017	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	8,059.000
0018	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	5,708.000
0019	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	7,707.000
0020	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	277.000
0021	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,680.000
0022	617E20000	SHOULDER PREPARATION (WT: 06)	SY	20,147.000
0023	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	4.320
0024	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	1.920
0025	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	1.920

**Total 0004      PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0026	621E00100	RPM (WT: 41)	EACH	1,185.000
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,185.000
0028	632E26500	DETECTOR LOOP (WT: 44)	EACH	2.000
0029	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	40.000
0030	646E10010	EDGE LINE, 6" (WT: 45)	MILE	18.560
0031	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.080
0032	646E10200	CENTER LINE (WT: 45)	MILE	9.530
0033	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	1,001.000
0034	646E10400	STOP LINE (WT: 45)	FT	261.000
0035	646E10500	CROSSWALK LINE (WT: 45)	FT	305.000
0036	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	190.000
0037	646E20110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	2.000

0038	646E20300	LANE ARROW (WT: 45)	EACH	12.000
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0039	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0040	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	75.000
0041	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.240
0042	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	20.870
0043	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	20.870
0044	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	3,003.000
0045	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	783.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	INCIDENTALS			
0046	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0047	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0048	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

**Project Number: 210006**

**PID: 102736**

**Butler**

SR 4-15.80

E161(469)

DBE Goal: 9%

Date Set for Completion: 9/29/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN LEMON TOWNSHIP, OF BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE PARAPETS AND DECK EDGES, CONVERT THE ABUTMENTS TO SEMI-INTEGRAL, REPLACE THE ABUTMENT BEARINGS, AND PERFORM A CONCRETE DECK OVERLAY ON 2 STRUCTURES THAT CARRY SR 4 OVER SR 63, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES RESURFACING SR 4 FROM SLM 15.48-15.78 PERFORMING A FULL DEPTH PAVEMENT REPLACEMENT IN AREAS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	468.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	26,475.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	925.000
0005	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	4.000
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0007	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0008	203E10000	EXCAVATION (WT: 06)	CY	60.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	60.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,408.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	469.000
0012	204E30020	GRANULAR MATERIAL, TYPE C (WT: 09)	CY	469.000
0013	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	1,440.000
0014	209E15050	RESHAPING UNDER GUARDRAIL (WT: 06)	MILE	0.100
0015	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	750.000

0016	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	FT	187.500
0017	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016) (WT: 36)	EACH	6.000
0018	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0019	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	1.000
0020	606E66010	IMPACT ATTENUATOR, MISC.: SAND BARREL SYSTEM (WT: 36)	LS	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0021	659E00540	SEEDING AND MULCHING, CLASS 3C (WT: 46)	SY	298.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	15.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0024	659E31000	LIME (WT: 46)	ACRE	0.060
0025	659E35000	WATER (WT: 46)	MGAL	1.600
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>PAVEMENT</b>			
0027	251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	CY	20.000
0028	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (T=1.5") (WT: 13)	SY	27,422.000
0029	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	105.000
0030	304E20000	AGGREGATE BASE (WT: 09)	CY	224.000
0031	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,605.000
0032	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	1,192.000
0033	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	40.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section 0004</b>	<b>LIGHTING</b>			
0034	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	400.000
0035	625E30510	PULL BOX, 725.06, SIZE 4 (WT: 43)	EACH	4.000
<b>Total 0004</b>		<b>LIGHTING</b>		
<b>Section 0005</b>	<b>TRAFFIC CONTROL</b>			
0036	621E00100	RPM (WT: 41)	EACH	82.000

0037	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	82.000
0038	626E00110	BARRIER REFLECTOR, TYPE 2, UNIDIRECTIONAL (WT: NR)	EACH	17.000
0039	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2.080
0040	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.630
0041	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	1,092.000
0042	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	33.000
0043	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	442.000
0044	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,567.000
0045	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	3.710

**Total 0005      TRAFFIC CONTROL**

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0046	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	hour	500.000
0047	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0048	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0049	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	16.000
0050	614E13310	BARRIER REFLECTOR, TYPE 1, UNIDIRECTIONAL (WT: NR)	EACH	60.000
0051	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	10.000
0052	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.600
0053	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.600
0054	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	3.280
0055	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.200
0056	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	1,092.000
0057	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	2,000.000
0058	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,100.000

**Total 0006      MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (BUT-4-1580 L)</b>		
0059	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000

0060	202E98000	REMOVAL MISC.:BULB ANGLE DRAINAGE SYSTEM REMOVED (WT: 19)	LS	1.000
0061	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0062	503E21100	UNCLASSIFIED EXCAVATION (WT: 29)	CY	167.000
0063	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	24,063.000
0064	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0065	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	4,476.000
0066	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	1,216.000
0067	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 29)	EACH	2.000
0068	511E53014	CLASS QC3 CONCRETE, MISC.: SUBSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	37.000
0069	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	141.000
0070	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	953.000
0071	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	54.000
0072	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	10.000
0073	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	953.000
0074	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	14,323.000
0075	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	14,323.000
0076	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	14,323.000
0077	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	14,323.000
0078	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	22.000
0079	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	12.000
0080	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	129.000
0081	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000



0082	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	88.000
0083	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	145.000
0084	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, 12"x12"x2.70" w/ 14"x14"x1" LOAD PLATE (WT: 27)	EACH	14.000
0085	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0086	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	62.000
0087	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	172.000
0088	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	120.000
0089	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	170.000
0090	526E90010	TYPE A INSTALLATION (WT: 29)	FT	130.000
0091	530E00200	SPECIAL - STRUCTURES , MISC.: CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0092	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	45.000
0093	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (T=2.25") (WT: 29)	SY	1,020.000
0094	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	1,020.000
0095	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	28.000
0096	848E50000	HAND CHIPPING (WT: 29)	SY	204.000
0097	848E50100	TEST SLAB (WT: 29)	LS	1.000
0098	848E50320	EXISTING CONCRETE OVERLAY REMOVED (T=1.25") (WT: 29)	SY	1,020.000
<hr/>				
Total	0007	STRUCTURE REPAIR (BUT-4-1580 L)		
<hr/>				
Section	0008	STRUCTURE REPAIR (BUT-4-1580 R)		
<hr/>				
0099	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0100	202E98000	REMOVAL MISC.:BULB ANGLE DRAINAGE SYSTEM REMOVED (WT: 19)	LS	1.000

0101	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0102	503E21100	UNCLASSIFIED EXCAVATION (WT: 29)	CY	167.000
0103	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	21,551.000
0104	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0105	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	4,433.000
0106	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	1,206.000
0107	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 29)	EACH	2.000
0108	511E53014	CLASS QC3 CONCRETE, MISC.: SUBSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	37.000
0109	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	141.000
0110	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	685.000
0111	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	53.000
0112	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	10.000
0113	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	685.000
0114	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	12,185.000
0115	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	12,185.000
0116	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	12,185.000
0117	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	12,185.000
0118	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	19.000
0119	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	11.000
0120	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	129.000
0121	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000
0122	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	88.000

0123	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	145.000
0124	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, 12"x12"x2.70" w/ 14"x14"x1" LOAD PLATE (WT: 27)	EACH	14.000
0125	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0126	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	62.000
0127	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	152.000
0128	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	120.000
0129	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	170.000
0130	526E90010	TYPE A INSTALLATION (WT: 29)	FT	130.000
0131	530E00200	SPECIAL - STRUCTURES , MISC.: CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0132	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	35.000
0133	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (T=2.25") (WT: 29)	SY	1,011.000
0134	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	1,011.000
0135	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	22.000
0136	848E50000	HAND CHIPPING (WT: 29)	SY	202.000
0137	848E50100	TEST SLAB (WT: 29)	LS	1.000
0138	848E50320	EXISTING CONCRETE OVERLAY REMOVED (T=1.25") (WT: 29)	SY	1,011.000
<b>Total 0008      STRUCTURE REPAIR (BUT-4-1580 R)</b>				
<b>Section 0009      INCIDENTALS</b>				
0139	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0140	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0141	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0142	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0009      INCIDENTALS**

**Project Number: 210007**

**PID: 110393**

**Carroll**

SR 43-24.05

E190(916)

DBE Goal: 6%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN CARROLL COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE EXISTING ROADWAY AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	491.000
0002	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	5.220
0003	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	5.000
0004	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	9.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0005	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0006	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	50.000
0007	407E10000	TACK COAT (WT: 10)	GAL	6,383.000
0008	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	2,450.000
0009	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	1,622.000
0010	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (SPOT LEVELING) (WT: 10)	CY	1,267.000

0011	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	184.000
0012	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	383.000
0013	617E20000	SHOULDER PREPARATION (WT: 06)	SY	6,125.000
0014	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	2.610
0015	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	13,781.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0016	621E00100	RPM (WT: 41)	EACH	346.000
0017	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	346.000
0018	646E10010	EDGE LINE, 6" (WT: 45)	MILE	5.220
0019	646E10200	CENTER LINE (WT: 45)	MILE	2.610
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0020	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	29.000
0021	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	5.220
0022	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	5.220
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210008**  
**PID: 111977**  
**Clark**  
SR-SR 41/SR 235-31.26/06.16  
E200(532)

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DBE Goal: 6%  
Date Set for Completion: 7/1/2021  
Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN TOWNSHIP, OF CLARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY OVERLAYING THE EXISTING PAVEMENT WITH AN INTERMEDIATE COURSE AND SURFACE COURSE ALONG THE SPECIFIED PORTIONS OF STATE ROUTE 41 FROM SLM 31.26-33.38 AND 235 FROM SLM 6.16-8.75, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES MINOR STRUCTURE WORK AT 2 LOCATIONS.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,962.000
0002	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	9.420
0003	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	2.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>PAVEMENT</b>		
0004	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,300.000
0005	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	10.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	12,422.000
0007	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	3,143.000
0008	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	1,840.000
0009	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	601.000
0010	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.180
0011	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.310

0012	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	4.710
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0013	621E00100	RPM (WT: 41)	EACH	311.000
0014	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	323.000
0015	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	9.420
0016	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	4.710
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0017	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	45.000
0018	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	9.420
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	STRUCTURE REPAIR (CLA-235-0644)		
0019	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	68.000
0020	516E31001	JOINT SEALER, AS PER PLAN (WT: 29)	FT	102.000
0021	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	6.000
Total	0005	STRUCTURE REPAIR (CLA-235-0644)		
Section	0006	STRUCTURE REPAIR (CLA-41-3207)		
0022	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	6.000
Total	0006	STRUCTURE REPAIR (CLA-41-3207)		
Section	0007	INCIDENTALS		
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		



Project Number: 210009

PID: 101120

Clark

SR-SR 72-11.86

E161(378)

DBE Goal: 7%

Date Set for Completion: 7/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN MOORFIELD TOWNSHIP, OF CLARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE SPECIFIED PORTION OF SR 72 FROM SLM 11.86 TO SLM 13.17 , INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	5.000
Total	0001	ROADWAY		
Section	0002	PAVEMENT		
0002	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	500.000
0003	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE , 1 3/4: Depth (WT: 13)	SY	71,497.000
0004	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Var. Depth (0" to 1 1/2") (WT: 13)	SY	40.000
0005	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	50.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	6,101.000
0007	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	3,487.000
0008	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN , PG 76-22M (WT: 10)	CY	3,487.000
0009	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	153.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0010	621E00100	RPM (WT: 41)	EACH	341.000
0011	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	341.000

0012	644E00104	EDGE LINE, 6" (WT: 45)	MILE	5.870
0013	644E00204	LANE LINE, 6" (WT: 45)	MILE	3.000
0014	644E00300	CENTER LINE (WT: 45)	MILE	0.100
0015	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,596.000
0016	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	2,484.000
0017	644E00500	STOP LINE (WT: 45)	FT	163.000
0018	644E00600	CROSSWALK LINE (WT: 45)	FT	363.000
0019	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	266.000
0020	644E01300	LANE ARROW (WT: 45)	EACH	16.000
0021	644E01510	DOTTED LINE, 6" (WT: 45)	FT	160.000
0022	644E01520	DOTTED LINE, 12" (WT: 45)	FT	650.000
0023	644E01620	BIKE CROSSING SYMBOL (WT: 45)	EACH	2.000

**Total 0003      TRAFFIC CONTROL**

<b>Section 0004</b>	<b>TRAFFIC SIGNALS</b>			
0024	632E90500	SIGNALIZATION, MISC.:UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	350.000
0025	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0026	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000

**Total 0004      TRAFFIC SIGNALS**

<b>Section 0005</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0027	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	120.000
0028	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	3.000
0029	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.100
0030	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	5.870
0031	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,479.000
0032	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	2,484.000
0033	614E24618	WORK ZONE DOTTED LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	650.000
0034	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	163.000

**Total 0005      MAINTENANCE OF TRAFFIC**

<b>Section 0006</b>	<b>INCIDENTALS</b>			
0035	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0036	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0037	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210010**

**PID: 110554**

**Clermont**

IR 275-07.71

E191(016)

DBE Goal: 6%

Date Set for Completion: 8/30/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING CLE-275-7.71 IN CLERMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY, REPAIRING A BOX CULVERT, CORRECTING A SLOPE FAILURE BY BENCHING OF SLOPES, CORRECT EROSION ISSUES AND PERFORM OTHER RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	82.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	350.000
0004	203E10000	EXCAVATION (WT: 04)	CY	10,845.000
0005	203E20000	EMBANKMENT (WT: 04)	CY	10,863.000
0006	203E35141	GRANULAR MATERIAL, TYPE E, AS PER PLAN (WT: 04)	CY	920.000
0007	204E10000	SUBGRADE COMPACTION (WT: 04)	SY	1,021.000
0008	204E50001	GEOTEXTILE FABRIC, AS PER PLAN (WT: 06)	SY	1,840.000
0009	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	350.000
0010	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	224.000
0012	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	151.000
0013	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	188.000
0014	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000

0015	659E00300	TOPSOIL (WT: 46)	CY	739.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	6,658.000
0017	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	333.000
0018	659E15000	INTER-SEEDING (WT: 46)	SY	333.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.930
0020	659E31000	LIME (WT: 46)	ACRE	1.380
0021	659E35000	WATER (WT: 46)	MGAL	37.000
0022	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	85.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000
0100	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0101	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0102	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0024	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	2,249.000
0025	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.600
0026	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	389.000
0027	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	339.000
0028	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	58.000
0029	611E06700	15" CONDUIT, TYPE F, 707.02 TYPE C OR 707.21 (WT: 35)	FT	127.000
0030	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	18.000
0031	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	2.000
0032	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0033	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	368.000
0034	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	80.000
0035	304E20000	AGGREGATE BASE (WT: 09)	CY	262.000
0036	407E10000	TACK COAT (WT: 10)	GAL	7.000
0037	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	7.000

0038	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	8.000
0039	609E24511	CURB, TYPE 4-C, AS PER PLAN (WT: 38)	FT	362.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0040	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0041	616E10000	WATER (WT: NR)	MGAL	65.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (CLE-275-7.71)</b>		
0042	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 29)	LS	1.000
0043	202E98500	REMOVAL MISC.:WOODY DEBRIS REMOVAL (WT: NR)	CY	1,600.000
0044	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 29)	LS	1.000
0045	509E10000	EPOXY COATED REINFORCING STEEL(PATCHING) (WT: 23)	LB	2,270.000
0046	509E20000	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL (WT: 23)	LB	100.000
0047	509E40000	REINFORCING STEEL, MISC.:GALVANIZED REBAR (WT: 23)	LB	26.000
0048	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN(PATCHING) (WT: 29)	EACH	48.000
0049	511E53014	CLASS QC3 CONCRETE, MISC.: CULVERT INLET CONCRETE WITH QC/QA (WT: 29)	CY	18.000
0050	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: NR)	SY	80.000
0051	513E10020	STRUCTURAL STEEL MEMBERS, LEVEL 1 (WT: 29)	LS	1.000
0052	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.:FIELD INJECTION OF EXISTING JOINTS WITH HIGH DENSITY POLYURETHANE FOAM (WT: 29)	FT	69.000
0053	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN(PATCHING) (WT: 29)	SF	334.000
0054	520E10000	PNEUMATICALLY PLACED CONCRETE SHOTCRETE (WT: 29)	SF	935.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (CLE-275-7.71)</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0057	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0058	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210011**

**PID: 105887**

**Cuyahoga**

SR 17-00.00

E190(924)

DBE Goal: 8%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITY OF NORTH OLMSTED, OF CUYAHOGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING 2.11 MILES OF SR-17 (BROOKPARK ROAD) TO THE EASTERN CITY LIMITS OF OLMSTED. WORK ALSO INCLUDES LANDSCAPING ENHANCEMENTS AT LORAIN ROAD AND AT IR-480.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	100.000
0002	204E13001	EXCAVATION OF SUBGRADE, AS PER PLAN (WT: 06)	CY	10.000
0003	204E21001	GRANULAR EMBANKMENT, AS PER PLAN (WT: 06)	CY	10.000
0004	204E50001	GEOTEXTILE FABRIC, AS PER PLAN (WT: 06)	SY	27.000
0005	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	0.500
0006	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	5.000
0007	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,200.000
0008	690E98400	SPECIAL - Pre-Construction Videography (WT: 46)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0010	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	14.000
0011	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000



0012	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	18.000
0013	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	7,500.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0014	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	3,000.000
0015	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN 3" (WT: 13)	SY	84,521.000
0016	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	500.000
0017	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (WT: 17)	SY	3,200.000
0018	407E10000	TACK COAT (WT: 10)	GAL	4,649.000
0019	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	5,917.000
0020	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN PG70-22M, 1.25" (WT: 10)	CY	2,935.000
0021	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN PG64- 22, 1.75" (WT: 10)	CY	4,259.000
0022	609E26000	CURB, TYPE 6 (WT: 38)	FT	100.000
0023	690E98700	SPECIAL - Class QC MS Surcharge for Item 255 (WT: 17)	CY	100.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0024	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total	0005	WATER WORK		
Section	0006	LIGHTING		
0025	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	30.000
0026	625E10500	LIGHT POLE, MISC.:DECORATIVE LIGHT COLUMN-CUSTOM (WT: 43)	EACH	3.000
0027	625E10500	LIGHT POLE, MISC.:DECORATIVE LIGHT COLUMN-STANDARD (WT: 43)	EACH	12.000
0028	625E10620	LIGHT POLE ANCHOR BOLTS, MISC.:BREAKAWAY SUPPORT SYSTEM (WT: 43)	EACH	60.000
0029	625E14501	LIGHT POLE FOUNDATION, AS PER PLAN (WT: 43)	EACH	15.000
0030	625E23307	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE, AS PER PLAN (WT: 43)	FT	3,450.000
0031	625E25101	CONDUIT, 1", 725.04, AS PER PLAN (WT: 43)	FT	100.000

0032	625E25103	CONDUIT, 1", 725.05, AS PER PLAN (WT: 43)	FT	1,150.000
0033	625E25901	CONDUIT, JACKED OR DRILLED, AS PER PLAN 1" (WT: 43)	FT	100.000
0034	625E29001	TRENCH, AS PER PLAN (WT: 43)	FT	1,150.000
0035	625E30500	PULL BOX, 725.06, SIZE 1.5 (WT: 43)	EACH	3.000
0036	625E32000	GROUND ROD (WT: 43)	EACH	4.000
0037	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	2.000
0038	625E70000	LIGHTING CONTACTOR (WT: 43)	EACH	2.000
<b>Total 0006</b>		<b>LIGHTING</b>		
<b>Section 0007</b>	<b>TRAFFIC CONTROL</b>			
0039	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	3.700
0040	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	3.575
0041	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.024
0042	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	8,993.000
0043	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	764.000
0044	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	2,231.000
0045	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	9,114.000
0046	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	46.000
0047	642E01400	WORD ON PAVEMENT, 72", TYPE 1 (WT: 45)	EACH	32.000
<b>Total 0007</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0008</b>	<b>TRAFFIC SIGNALS</b>			
0048	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0008</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0009</b>	<b>LANDSCAPING</b>			
0049	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0050	605E13411	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	FT	1,075.000
0051	611E98471	CATCH BASIN, NO. 2-2B, AS PER PLAN (WT: 35)	EACH	8.000
0052	659E98700	SEEDING, MISC.:SEEDING & MULCHING, AS PER PLAN (WT: 46)	LS	1.000
0053	661E00501	MULCH, AS PER PLAN (WT: 46)	CY	137.000
0054	661E14000	PERENNIALSHAPPY RETURNS DAYLILY (WT: 46)	EACH	387.000
0055	661E14000	PERENNIALSST. JOHNSWORT (WT: 46)	EACH	200.000
0056	661E14000	PERENNIALSTWILIGHT PRAIRIEBLUES FALSE INDIGO (WT: 46)	EACH	176.000

0057	661E20000	DECIDUOUS SHRUB, 15" HEIGHTLOWSCAPE MOUND CHOKEBERRY (WT: 46)	EACH	115.000
0058	661E20020	DECIDUOUS SHRUB, 18" HEIGHTGRO-LOW FRAGRANT SUMAC (WT: 46)	EACH	261.000
0059	661E20040	DECIDUOUS SHRUB, 2' HEIGHTDIABLO NINEBARK (WT: 46)	EACH	158.000
0060	661E20040	DECIDUOUS SHRUB, 2' HEIGHTISANTI DOGWOOD (WT: 46)	EACH	125.000
0061	661E30040	EVERGREEN SHRUB, 18" HEIGHTKALLAY'S COMPACT JUNIPER (WT: 46)	EACH	216.000
0062	661E40080	DECIDUOUS TREE, 2" CALIPERSLENDER SILHOUETTE SWEETGUM (WT: 46)	EACH	1.000
0063	661E99940	PLANTING, MISC.:PLANTING SOIL (WT: 46)	LS	1.000
0064	662E30100	LANDSCAPE WATERING (WT: 46)	LS	1.000
0065	690E98000	SPECIAL - TREE SURROUND (WT: 46)	EACH	12.000
0066	690E98400	SPECIAL - COMPOST (WT: 46)	LS	1.000
0067	690E98400	SPECIAL - PAVERS (WT: 46)	LS	1.000
0068	690E98400	SPECIAL - WALL SEATS (WT: 46)	LS	1.000

**Total 0009 LANDSCAPING**

<b>Section</b>	<b>0010</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0069	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0070	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	HOUR	150.000
0071	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	16.000
0100	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0101	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	3.500
0102	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.100
0103	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	3.500
0104	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	5,000.000
0105	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	750.000
0106	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	2,000.000
0107	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	25.000

**Total 0010 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0011</b>	<b>INCIDENTALS</b>		
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0072	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0073	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	8.000
0074	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0075	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS</b>		

**Project Number: 210012**

**PID: 113633**

**Cuyahoga**

**PM FY2021 Safety**

**E210(027)**

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Date Set for Completion: 9/6/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING SR 2, IR 480, IR 90, IR 271 IN VARIOUS ROUTES, OF CUYAHOGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING RECESSED WET REFLECTIVE PAVEMENT MARKINGS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	101.610
0003	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	93.650
0004	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	56,515.000
0005	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	25,760.000
0006	807E12430	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 12" (WT: 45)	FT	9,205.000
0007	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	124.670
0008	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	18,720.000
0009	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	36,165.000
0010	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	75.720
0011	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	7,040.000

0012	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	30,575.000
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<b>Total 0002</b>	<b>TRAFFIC CONTROL</b>
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<b>Section 0003</b>	<b>MAINTENANCE OF TRAFFIC</b>
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0013	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
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0014	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	100.000
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<b>Total 0003</b>	<b>MAINTENANCE OF TRAFFIC</b>
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<b>Section 0004</b>	<b>INCIDENTALS</b>
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0015	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0016	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0017	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0004</b>	<b>INCIDENTALS</b>
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**Project Number: 210013**

**PID: 101005**

**D01**

DEF, HAN, HAR

PM FY21

E210(017)

Date Set for Completion: 6/1/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF DEFIANCE, PAULDING, VAN WERT, PUTNAM, HANCOCK, HARDIN, WYANDOT, AND ALLEN, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING NEW PAVEMENT MARKINGS DISTRICT-WIDE.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	642E00104	EDGE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	200.000
0003	642E00200	LANE LINE, 4", TYPE 1, WORK ORDER (WT: 45)	MILE	10.000
0004	642E00204	LANE LINE, 6", TYPE 1, BLACK CONTRAST (WT: 45)	MILE	22.120
0005	642E00204	LANE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	10.000
0006	642E00300	CENTER LINE, TYPE 1, WORK ORDER (WT: 45)	MILE	100.000
0007	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	25,000.000
0008	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	35,000.000
0009	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	8,000.000
0010	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	6,000.000
0011	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	6,000.000
0012	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	16.000

0013	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	10.000
0014	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	500.000
0015	642E01500	DOTTED LINE, 4", TYPE 1 (WT: 45)	FT	1,400.000
0016	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	100,000.000
0017	642E01602	BIKE LANE SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	2.000
0018	643E00104	EDGE LINE, 6" (WT: 45)	MILE	778.560
0019	643E00105	EDGE LINE, 6", AS PER PLAN (WT: 45)	MILE	200.640
0020	643E00204	LANE LINE, 6" (WT: 45)	MILE	79.530
0021	643E00300	CENTER LINE (WT: 45)	MILE	395.660
0022	690E98000	SPECIAL - FOURTEEN DAY (14) WORK ORDER (WT: NR)	EACH	8.000
0023	690E98000	SPECIAL - SEVENTY TWO HOUR (72) WORK ORDER (WT: NR)	EACH	8.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0024	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0025	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		



**Project Number: 210014**  
**PID: 113754**  
**D08**  
R-WR Pavement Marking FY21  
E201(230)

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Date Set for Completion: 9/1/2021  
Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING PAVEMENT MARKINGS ON EXISTING ROADWAYS AND RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
0001	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.360
0002	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.180
0003	646E10010	EDGE LINE, 6" (WT: 45)	MILE	5.580
0004	646E10110	LANE LINE, 6" (WT: 45)	MILE	5.250
0005	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	800.000
0006	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	0.640
0007	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.560
0008	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	2,154.000
0009	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	768.000
0010	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	16.730
0011	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	12.680
0012	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	6.140
0013	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	9,220.000

0014	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	11,141.000
0015	850E10000	GROOVING FOR 4" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	12.280
0016	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	29.410
0017	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	11,141.000
0018	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	9,220.000
0019	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	1.200
0020	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	768.000
0021	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	2,154.000
Total 0001		TRAFFIC CONTROL		
Section 0002	MAINTENANCE OF TRAFFIC			
0022	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	88.000
0023	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
Total 0002		MAINTENANCE OF TRAFFIC		
Section 0003	INCIDENTALS			
0024	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0025	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0026	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003		INCIDENTALS		

**Project Number: 210015**

**PID: 102890**

**D09**

HIG, JAC, LAW

CR-FY2021

E190(828)

DBE Goal: 4%

Date Set for Completion: 7/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF ADAMS, HIGHLAND, JACKSON, LAWRENCE, AND ROSS, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY FIELD PAVING CULVERT INVERTS AT VARIOUS LOCATIONS, INCLUDING OTHER RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E32800	CONCRETE SLOPE PROTECTION REMOVED (WT: NR)	SY	130.000
0003	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	187.500
0004	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	320.000
0005	606E16000	GUARDRAIL REBUILT (WT: 36)	FT	187.500
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0006	659E10000	SEEDING AND MULCHING (WT: 46)	SY	25,000.000
0007	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,252.000
0008	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.380
0009	659E31000	LIME (WT: 46)	ACRE	5.160
0010	659E35000	WATER (WT: 46)	MGAL	135.200
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	8,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE (CULVERT NO. ADA-41-3224)</b>		
0012	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	60.000
0013	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000

0014	611E96550	FIELD PAVING OF EXISTING PIPE (72" x 42") (WT: 35)	FT	60.000
Total	0003	DRAINAGE (CULVERT NO. ADA-41-3224)		
Section	0004	DRAINAGE (CULVERT NO. ADA-125-1838)		
0015	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	152.000
0016	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0017	611E96550	FIELD PAVING OF EXISTING PIPE (108") (WT: 35)	FT	152.000
Total	0004	DRAINAGE (CULVERT NO. ADA-125-1838)		
Section	0005	DRAINAGE (CULVERT NO. ADA-247-1820)		
0018	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	198.000
0019	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0020	611E96550	FIELD PAVING OF EXISTING PIPE (66") (WT: 35)	FT	208.000
Total	0005	DRAINAGE (CULVERT NO. ADA-247-1820)		
Section	0006	DRAINAGE (CULVERT NO. HIG-62-2343)		
0021	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	126.000
0022	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0023	611E96550	FIELD PAVING OF EXISTING PIPE (9'-6" x 6'-5") (WT: 35)	FT	126.000
Total	0006	DRAINAGE (CULVERT NO. HIG-62-2343)		
Section	0007	DRAINAGE (CULVERT NO. ROS-41-1402)		
0024	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	116.000
0025	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0026	611E96550	FIELD PAVING OF EXISTING PIPE (102") (WT: 35)	FT	126.000
Total	0007	DRAINAGE (CULVERT NO. ROS-41-1402)		
Section	0008	DRAINAGE (CULVERT NO. ROS-41-1448)		
0027	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	286.000
0028	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0029	611E96550	FIELD PAVING OF EXISTING PIPE (96") (WT: 35)	FT	286.000

Total 0008		DRAINAGE (CULVERT NO. ROS-41-1448)			
Section 0009	STRUCTURE REPAIR (ADA-125-0635)				
0030	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	100.000	
0031	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0032	611E96550	FIELD PAVING OF EXISTING PIPE (11'-7" x 7'-5") (WT: 35)	FT	110.000	
Total 0009		STRUCTURE REPAIR (ADA-125-0635)			
Section 0010	STRUCTURE REPAIR (HIG-50-2232)				
0033	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	86.000	
0034	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0035	611E96550	FIELD PAVING OF EXISTING PIPE (14'-3" x 8'-11") (WT: 35)	FT	96.000	
Total 0010		STRUCTURE REPAIR (HIG-50-2232)			
Section 0011	STRUCTURE REPAIR (HIG-62-0661)				
0036	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	260.000	
0037	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0038	611E96550	FIELD PAVING OF EXISTING PIPE (108") (WT: 35)	FT	275.000	
Total 0011		STRUCTURE REPAIR (HIG-62-0661)			
Section 0012	STRUCTURE REPAIR (HIG-753-1045)				
0039	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	86.000	
0040	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0041	601E32010	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER (WT: 35)	CY	19.000	
0042	611E96550	FIELD PAVING OF EXISTING PIPE (11'-3" x 6'-0") (WT: 35)	FT	86.000	
Total 0012		STRUCTURE REPAIR (HIG-753-1045)			
Section 0013	STRUCTURE REPAIR (JAC-35-0245)				
0043	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	220.000	
0044	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0045	611E96550	FIELD PAVING OF EXISTING PIPE (144") (WT: 35)	FT	220.000	

Total 0013		STRUCTURE REPAIR (JAC-35-0245)			
Section 0014	STRUCTURE REPAIR (JAC-35-1480)				
0046	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	420.000	
0047	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0048	611E96550	FIELD PAVING OF EXISTING PIPE (138") (WT: 35)	FT	446.000	
Total 0014		STRUCTURE REPAIR (JAC-35-1480)			
Section 0015	STRUCTURE REPAIR (LAW-775-0616)				
0049	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	164.000	
0050	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0051	611E96550	FIELD PAVING OF EXISTING PIPE (72") (WT: 35)	FT	179.000	
Total 0015		STRUCTURE REPAIR (LAW-775-0616)			
Section 0016	STRUCTURE REPAIR (LAW-775-0844)				
0052	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	72.000	
0053	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000	
0054	611E96550	FIELD PAVING OF EXISTING PIPE (10'-11" x 7'-1") (WT: 35)	FT	89.000	
Total 0016		STRUCTURE REPAIR (LAW-775-0844)			
Section 0017	INCIDENTALS				
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000	
0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000	
0057	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000	
0058	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
Total 0017		INCIDENTALS			

**Project Number: 210016**

**PID: 108078**

**Darke**

US 127-21.59

E191(068)

DBE Goal: 8%

Date Set for Completion: 10/11/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN RICHLAND TOWNSHIP, IN DARKE COUNTY, OHIO BY REHABILITATING THE STRUCTURE ON US 127 AT SLM 22.02 BY HYDRODEMOLISHING THE BRIDGE DECK AND OVERLAYING IT WITH SDC AND REPAIRING SOME STRUCTURAL STEEL, RESETTING ROCKER BEARINGS, PATCHING THE STRUCTURE IN AREAS, AND OTHER RELATED ITEMS OF WORK. PROJECT INCLUDES MINOR PLANING AND RESURFACING AROUND THE APPROACH SLABS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	245.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	659E10000	SEEDING AND MULCHING (WT: 46)	SY	100.000
0003	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0004	659E35000	WATER (WT: 46)	MGAL	1.000
0005	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIES 3/4" TO 1 1/4" (WT: 13)	SY	445.000
0007	407E10000	TACK COAT (WT: 10)	GAL	59.000
0008	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	31.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0009	618E40800	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	FT	285.000

0010	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0011	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.180
0012	646E10200	CENTER LINE (WT: 45)	MILE	0.090
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0005</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0013	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0014	616E10000	WATER (WT: NR)	MGAL	1.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0006</b>	<b>STRUCTURE REPAIR (DAR-127-2202)</b>			
0015	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0016	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	525.000
0017	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	521.000
0018	513E95020	STRUCTURAL STEEL, MISC.:REPAIR CRACKED WELDS (WT: 24)	LS	1.000
0019	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 27)	FT	91.000
0020	516E46701	RESET BEARING, AS PER PLAN (WT: 27)	EACH	6.000
0021	516E46900	BEARING DEVICE, MISC.:REPLACE EXISTING ANCHOR BOLT (WT: 27)	EACH	4.000
0022	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0023	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	42.000
0024	848E10200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, 1 3/4" (WT: 20)	SY	1,343.000
0025	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	1,343.000
0026	848E30200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	14.000
0027	848E50000	HAND CHIPPING (WT: 29)	SY	23.000
0028	848E50100	TEST SLAB (WT: 29)	LS	1.000
0029	848E50200	FULL-DEPTH REPAIR (WT: 29)	CY	2.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (DAR-127-2202)</b>		
<b>Section 0007</b>	<b>INCIDENTALS</b>			



0030	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0031	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0032	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0033	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210017**

**PID: 101385**

**Defiance**

SR 2-09.01

E161(619)

DBE Goal: 10%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING A SECTION IN FARMER TOWNSHIP, DEFIANCE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING AN EXISTING BRIDGE AND APPROACH PAVEMENT, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	922.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	606.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	4.000
0005	203E10000	EXCAVATION (WT: 06)	CY	99.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	46.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,070.000
0008	606E15051	GUARDRAIL, TYPE MGS, AS PER PLAN (WT: 36)	FT	125.000
0009	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0010	606E35003	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	659E10000	SEEDING AND MULCHING (WT: 46)	SY	501.000
0012	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0013	659E35000	WATER (WT: 46)	MGAL	3.000
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0015	605E31100	AGGREGATE DRAINS (WT: 35)	FT	146.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0016	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	171.000
0017	304E20000	AGGREGATE BASE (WT: 09)	CY	218.000
0018	407E10000	TACK COAT (WT: 10)	GAL	126.000
0019	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	116.000
<b>Total</b>	<b>0004</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0020	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	4.000
0021	626E00110	BARRIER REFLECTOR, TYPE 2, (BI-DIRECTIONAL) (WT: NR)	EACH	12.000
0022	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0023	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	2.000
0024	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0025	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
<b>Total</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0026	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000
0027	407E10000	TACK COAT (WT: 10)	GAL	20.000
0028	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000
0029	616E10000	WATER (WT: NR)	MGAL	1.000
0030	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
<b>Total</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (DEF-2-9.01)</b>		
0031	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0032	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	229.000
0033	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0034	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0035	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000

0036	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	780.000
0037	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	900.000
0038	507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	720.000
0039	507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	800.000
0040	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	81,326.000
0041	511E33312	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 20)	CY	328.000
0042	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	102.000
0043	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	104.000
0044	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	76.000
0045	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	101.000
0046	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	114.000
0047	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	220.000
0048	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	LS	1.000
0049	518E22300	SPECIAL - STEEL DRIP STRIP (DS-1-92) (WT: 20)	FT	250.000
0050	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	138.000
0051	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	80.000
0052	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	2.000
0053	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	244.000
0054	526E90010	TYPE A INSTALLATION (WT: 29)	FT	97.000
0055	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	213.000
0056	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	41.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (DEF-2-9.01)**

<b>Section 0008</b>	<b>INCIDENTALS</b>			
0057	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0058	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0059	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0060	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0061	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210018**

**PID: 104099**

**Geauga**

SR 166-01.08

E170(314)

DBE Goal: 8%

Date Set for Completion: 10/15/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING GEA-166-1.08 IN GEAUGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING CULVERT WITH A 9' X 4' BOX CULVERT AND RECONSTRUCTING THE APPROACH PAVEMENT.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	203E10000	EXCAVATION (WT: 06)	CY	157.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	75.000
0004	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	150.000
0005	606E15350	GUARDRAIL, TYPE MGS WITH SOCKETED POSTS (WT: 36)	FT	6.500
0006	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	37.500
0007	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	3.000
0008	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0009	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	5.000
0010	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	5.600
0012	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	15.500
0013	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0014	659E00300	TOPSOIL (WT: 46)	CY	82.000

0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	738.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	37.000
0017	659E15000	INTER-SEEDING (WT: 46)	SY	37.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.170
0019	659E31000	LIME (WT: 46)	ACRE	0.150
0020	659E35000	WATER (WT: 46)	MGAL	2.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	19,739.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0022	605E31100	AGGREGATE DRAINS (WT: 35)	FT	22.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0023	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	180.000
0024	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	80.000
0025	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	32.000
0026	304E20000	AGGREGATE BASE (WT: 09)	CY	48.000
0027	407E10000	TACK COAT (WT: 10)	GAL	25.000
0028	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	20.000
0029	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	4.000
0030	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	5.000
0031	617E20000	SHOULDER PREPARATION (WT: 06)	SY	54.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0032	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	3.000
0033	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	6.000
0034	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	30.000
0035	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0036	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000
0037	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.040
0038	646E10200	CENTER LINE (WT: 45)	MILE	0.020

Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0039	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0040	616E10000	WATER (WT: NR)	MGAL	1.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE 20 FOOT SPAN AND UNDER (GEA-166-1.08)		
0041	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0042	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 35)	LS	1.000
0043	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	3,375.000
0044	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	7.100
0045	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	23.000
0046	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	1.290
0047	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: NR)	SY	53.000
0048	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	129.000
0049	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	32.000
0050	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	34.000
0051	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	112.000
0052	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	19.000
0053	611E99910	DRAINAGE STRUCTURE, MISC., 9' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	42.000
Total 0007		STRUCTURE 20 FOOT SPAN AND UNDER (GEA-166-1.08)		
Section	0008	INCIDENTALS		
0054	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0055	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0056	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000
0057	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0058	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		



**Project Number: 210019**

**PID: 106261**

**Geauga**

US 322-07.78 Safety

E180(072)

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DBE Goal: 8%

Date Set for Completion: 10/15/2021

Type: SPOT SAFETY

Plan Cost: N/A

**FOR IMPROVING A SECTION OF MUNSON TOWNSHIP, OF GEAUGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ADDING A LEFT TURN LANE IN EACH OF THE FOUR APPROACH DIRECTIONS AT THE INTERSECTION OF US-322 AND CR-4 (AUBURN ROAD). PROJECT ALSO INCLUDES MILLING AND RESURFACING EXISTING PORTIONS OF THE INTERSECTION, REPLACEMENT AND RELOCATION OF EXISTING GUARDRAIL, INSTALLING DRAINAGE, AND THE REPLACEMENT OF A TRAFFIC SIGNAL.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	4.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	86.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	105.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,119.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	16.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,600.000
0008	202E53100	MAILBOX REMOVED (WT: NR)	EACH	11.000
0009	202E58300	CATCH BASIN OR INLET REMOVED (WT: NR)	EACH	6.000
0010	202E75000	FENCE REMOVED (WT: NR)	FT	75.000
0011	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0012	202E98100	REMOVAL MISC.:EX. ELECTRICAL BOX (WT: NR)	EACH	2.000
0013	202E98100	REMOVAL MISC.:EX. SPRINKLER SYSTEM (WT: NR)	EACH	1.000
0014	202E98100	REMOVAL MISC.:FOOT BRIDGE (WT: NR)	EACH	1.000
0015	202E98100	REMOVAL MISC.:PRIVATE SIGN (WT: NR)	EACH	1.000
0016	202E98100	REMOVAL MISC.:SHED (WT: NR)	EACH	1.000

0017	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	25.000
0018	203E10000	EXCAVATION (WT: 06)	CY	6,415.000
0019	203E20000	EMBANKMENT (WT: 06)	CY	7,177.000
0020	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	50.000
0021	203E40000	BORROW (WT: 06)	CY	200.000
0022	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	6,543.000
0023	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	986.000
0024	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	986.000
0025	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0026	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,957.000
0027	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,050.000
0028	606E15051	GUARDRAIL, TYPE MGS, AS PER PLAN (WT: 36)	FT	287.500
0029	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	50.000
0030	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	FT	50.000
0031	606E26150	ANCHOR ASSEMBLY, MGS TYPE E; MASH 2016 (WT: 36)	EACH	2.000
0032	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	4.000
0033	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
0034	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	9.000
0035	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	6.000
0036	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	2.000

**Total 0001 ROADWAY**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0037	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	7.200
0038	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	103.000
0039	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	24.500
0040	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	3.500
0041	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0042	659E00300	TOPSOIL (WT: 46)	CY	1,053.000
0043	659E10000	SEEDING AND MULCHING (WT: 46)	SY	9,488.000
0044	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	474.000

0045	659E15000	INTER-SEEDING (WT: 46)	SY	474.000
0046	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.320
0047	659E31000	LIME (WT: 46)	ACRE	1.960
0048	659E35000	WATER (WT: 46)	MGAL	53.000
0049	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	584.000
0050	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0051	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0052	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0053	832E30000	EROSION CONTROL (WT: 08)	EACH	54,300.000
0054	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	305.000

**Total 0002      EROSION CONTROL**

<b>Section 0003</b>	<b>DRAINAGE</b>			
0055	602E20000	CONCRETE MASONRY (WT: 35)	CY	5.280
0056	602E98300	MASONRY, MISC.: MASONRY COLLAR PER DM 1.1 (WT: 35)	EACH	2.000
0057	605E05100	4" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	4,350.000
0058	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	939.000
0059	611E00200	4" CONDUIT, TYPE C (WT: 35)	FT	90.000
0060	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	90.000
0061	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	50.000
0062	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	379.000
0063	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0064	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0065	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	432.000
0066	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	1,154.000
0067	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	98.000
0068	611E06700	15" CONDUIT, TYPE F, 707.05 TYPE C OR 707.21 (WT: 35)	FT	80.000
0069	611E16200	36" CONDUIT, TYPE A707.33 (WT: 35)	FT	10.000
0070	611E22200	54" CONDUIT, TYPE A707.07 (WT: 35)	FT	26.000
0071	611E97200	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	EACH	25.000
0072	611E97200	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	EACH	25.000

0073	611E97200	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	EACH	25.000
0074	611E97200	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	EACH	25.000
0075	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0076	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	8.000
0077	611E98390	CATCH BASIN, NO. 7 (WT: 35)	EACH	6.000
0078	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0079	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
0080	611E99582	MANHOLE, NO. 3 WITH 90" BASE I.D. AND 8" WEIR (WT: 35)	EACH	1.000
0081	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
0082	611E99720	INSPECTION WELL (WT: 35)	EACH	8.000
0083	895E10020	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2 (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0084	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	100.000
0085	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3" TYPICAL (WT: 13)	SY	5,709.000
0086	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,292.000
0087	304E20000	AGGREGATE BASE (WT: 09)	CY	1,086.000
0088	407E10000	TACK COAT (WT: 10)	GAL	1,468.000
0089	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	373.000
0090	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	13.000
0091	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	522.000
0092	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	28.000
0093	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	4.000
0094	609E26000	CURB, TYPE 6 (WT: 38)	FT	2,425.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0095	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	2.000

0096	621E00100	RPM (WT: 41)	EACH	153.000
0097	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	20.000
0098	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	140.500
0099	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	98.900
0100	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	15.000
0101	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
0102	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.250
0103	646E10200	CENTER LINE (WT: 45)	MILE	0.800
0104	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	810.000
0105	646E10400	STOP LINE (WT: 45)	FT	93.000
0106	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	319.000
0107	646E20300	LANE ARROW (WT: 45)	EACH	11.000

**Total 0005      TRAFFIC CONTROL**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS</b>		
0108	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	61.000
0109	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	16.000
0110	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 4" (WT: 43)	FT	261.000
0111	625E29000	TRENCH (WT: 43)	FT	48.000
0112	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	5.000
0113	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0114	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	48.000
0115	625E76000	ARC FLASH CALCULATIONS AND LABEL - SIGNAL CONTROLLER (WT: NR)	EACH	1.000
0116	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	4.000
0117	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	4.000
0118	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	16.000
0119	632E40400	SIGNAL CABLE, 4 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	874.000
0120	632E40900	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	904.000
0121	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000

0122	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	60.000
0123	632E69500	SERVICE CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	340.000
0124	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0125	632E80502	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11 (WT: 44)	EACH	3.000
0126	632E80620	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13 (WT: 44)	EACH	1.000
0127	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0128	633E65520	CABINET, TYPE 332 (WT: 44)	EACH	1.000
0129	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0130	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0131	633E74001	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN (WT: 44)	EACH	1.000
0132	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0133	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0134	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0135	809E69200	EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0136	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	4.000
0137	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	874.000
0138	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	1.000
0139	809E69240	PREEMPT CONFIRMATION LIGHT (WT: 44)	EACH	4.000

**Total 0006 TRAFFIC SIGNALS**

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**Section 0007 BUILDING DEMOLITION**

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0140	202E56000	BUILDING DEMOLISHED, PARCEL #: 21- 052850 (WT: 02)	LS	1.000
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**Total 0007 BUILDING DEMOLITION**

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**Section 0008 MAINTENANCE OF TRAFFIC**

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0141	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	50.000
0142	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	220.000
0143	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0144	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	9.000

0145	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	14.000
0146	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0147	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0148	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	97.000
0149	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	97.000
0150	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0151	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.980
0152	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.360
0153	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	2.970
0154	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.830
0155	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	810.000
0156	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	319.000
0157	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	190.000
0158	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	11.000
0159	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	1,594.000
0160	616E10000	WATER (WT: NR)	MGAL	28.000
0161	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	3,830.000
<b>Total 0008</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0162	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0163	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0164	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	9.000
0165	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0166	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 210020**

**PID: 100909**

**Greene**

Culverts FY21

E170(920)

DBE Goal: 4%

Date Set for Completion: 9/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN SPRING VALLEY, XENIA, AND BEAVERCREEK TOWNSHIPS, GREENE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING VARIOUS CULVERTS WITH FIELD PAVING, CONCRETE PATCHING, END SECTION REPAIRS, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0003	202E32800	CONCRETE SLOPE PROTECTION REMOVED (WT: NR)	SY	3.800
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	10.000
0005	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	198.000
0006	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	635.000
0007	202E75000	FENCE REMOVED (WT: NR)	FT	112.000
0008	202E98400	REMOVAL MISC.: EXISTING CONCRETE FIELD PAVING (WT: NR)	SF	60.000
0009	203E10000	EXCAVATION (WT: 06)	CY	72.000
0010	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	110.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	472.000
0012	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	110.000
0013	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0014	605E31100	AGGREGATE DRAINS (WT: 35)	FT	40.000
0015	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
0100	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000



Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0016	601E11000	RIPRAP, TYPE D (WT: 35)	SY	22.000
0017	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	27.000
0018	659E00300	TOPSOIL (WT: 46)	CY	27.000
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,600.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.340
0021	659E31000	LIME (WT: 46)	ACRE	0.540
0022	659E35000	WATER (WT: 46)	MGAL	14.200
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	7,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0024	518E62200	STRUCTURE DRAINAGE, MISC.: RESEAL JOINT WITH HYDROPHOBIC GROUT (WT: 35)	EACH	1.000
0025	519E11100	PATCHING CONCRETE STRUCTURE (WT: 35)	SF	265.000
0026	602E20000	CONCRETE MASONRY (WT: 35)	CY	7.100
0027	611E31000	102" CONDUIT, TYPE A, 707.03 (WT: 35)	FT	10.000
0028	611E59100	103" X 71" CONDUIT, TYPE A, 707.02 ALUMINIZED (WT: 35)	FT	36.000
0029	611E96550	FIELD PAVING OF EXISTING PIPE, 103"x71" CMP (WT: 35)	FT	99.000
0030	611E96550	FIELD PAVING OF EXISTING PIPE, 42" CMP (WT: 35)	FT	198.000
0031	611E96550	FIELD PAVING OF EXISTING PIPE, 54" CMP (WT: 35)	FT	110.000
0033	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	5.000
0101	611E22200	54" CONDUIT, TYPE A, 707.05 (WT: 35)	FT	8.000
0102	611E98270	CATCH BASIN, NO. 4A (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0035	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	25.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0036	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0037	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
Total 0005		TRAFFIC CONTROL		

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0038	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	60.000	
<b>Total</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>			
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>			
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000	
0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000	
0041	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000	
0042	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
<b>Total</b>	<b>0007</b>	<b>INCIDENTALS</b>			

**Project Number: 210021**  
**PID: 105831**  
**Hamilton**  
Deer Park Bike/Ped Connector  
E190(192)

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DBE Goal: 6%

Date Set for Completion: 11/5/2021

Type: BIKEWAYS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF DEER PARK, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING A MIXED USE PATH AND SIDEWALK, FULL DEPTH RECONSTRUCTION OF AN ASPHALT ROADWAY, AND RELATED WORK**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,884.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	5,580.000
0004	202E30200	STEPS REMOVED (WT: NR)	FT	20.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	1,462.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	269.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	100.000
0009	202E75250	GATE REMOVED (WT: NR)	EACH	1.000
0010	202E98100	REMOVAL MISC.:INSPECTION WELL (WT: NR)	EACH	2.000
0011	202E98200	REMOVAL MISC.:CONDUIT (WT: NR)	FT	60.000
0012	203E10000	EXCAVATION (WT: 06)	CY	121.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	1,444.000
0014	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	767.000
0015	203E98000	ROADWAY, MISC.:RAILWAY BALLAST, 18" MIN DEPTH (WT: 50)	CY	152.000
0016	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,249.000
0017	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	767.000
0018	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0019	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,960.000

0020	607E20000	FENCE, TYPE CL (WT: 37)	FT	77.000
0021	607E98000	FENCE, MISC.:BIKEWAY RAILING PER RM-5.2 (WT: 37)	FT	148.000
0022	608E10000	4" CONCRETE WALK (WT: 38)	SF	5,305.000
0023	608E13020	7" CONCRETE WALK (WT: 38)	SF	1,638.000
0024	608E52000	CURB RAMP (WT: 38)	SF	372.000
0025	608E53020	DETECTABLE WARNING (WT: 38)	SF	20.000
0026	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	6.000
0027	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0028	690E50600	SPECIAL - BOLLARD (WT: NR)	EACH	1.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0029	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0030	659E00300	TOPSOIL (WT: 46)	CY	322.000
0031	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	2,898.000
0032	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	145.000
0033	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.390
0034	659E31000	LIME (WT: 46)	ACRE	0.600
0035	659E35000	WATER (WT: 46)	MGAL	16.000
0036	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0037	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0038	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0039	832E30000	EROSION CONTROL (WT: 08)	EACH	19,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0040	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	40.000
0041	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,245.000
0042	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	140.000
0043	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	80.000
0044	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	75.000
0045	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	108.000
0046	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	166.000
0047	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	393.000
0048	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	13.000

0049	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	180.000
0050	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	40.000
0051	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0052	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	9.000
0053	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	3.000
0054	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0055	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0056	611E99720	INSPECTION WELL (WT: 35)	EACH	2.000
0057	611E99900	DRAINAGE STRUCTURE, MISC.:CLEANOUT ADJUST TO GRADE (WT: 35)	EACH	1.000

**Total 0003 DRAINAGE**

<b>Section 0004</b>	<b>PAVEMENT</b>			
0058	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	320.000
0059	304E20000	AGGREGATE BASE (WT: 09)	CY	499.000
0060	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	269.000
0061	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	102.000
0062	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	141.000
0063	452E11010	7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	258.000
0064	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,427.000

**Total 0004 PAVEMENT**

<b>Section 0005</b>	<b>WATER WORK</b>			
0065	202E58000	MANHOLE REMOVED (CIN 1122) (WT: NR)	EACH	1.000
0066	202E75610	VALVE BOX REMOVED (CIN 1122) (WT: NR)	EACH	2.000
0067	509E25000	UNCOATED REINFORCING STEEL (WT: 35)	LB	300.000
0068	602E98200	MASONRY, MISC.:CONCRETE, CLASS "C" (CIN 1110) (WT: 38)	CY	2.000
0069	638E00700	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS (CIN 1101) (WT: 35)	FT	375.000
0070	638E01308	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 55, MECHANICAL JOINTS AND FITTINGS (CIN1101) (WT: 35)	FT	319.000
0071	638E07608	VALVE BOX (CIN 1116) (WT: 35)	EACH	4.000
0072	638E10200	6" FIRE HYDRANT (CIN 1112) (WT: 35)	EACH	3.000

0073	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (CIN 1115) (WT: 35)	EACH	3.000
0074	638E10480	FIRE HYDRANT REMOVED (CIN 1114) (WT: 35)	EACH	2.000
0075	638E20742	SPECIAL - 1" AIR RELEASE VALVE WITH VALVE BOX (CIN 1116) (WT: 35)	EACH	1.000
0076	638E20766	SPECIAL - 3/4" COPPER WATER SERVICE LINE WITH AQUA SHIELD (CIN 1126) (WT: 35)	FT	500.000
0077	638E20798	SPECIAL - RAISE AND EXTEND 3/4" COPPER WATER SERVICE CONNECTION (CIN 1128) (WT: 35)	FT	2.000
0078	638E98000	WATER WORK, MISC.:FURNISHING AND INSTALLING CURB AND ROADWAY BOX (RENEW) (CIN 1131) (WT: 35)	EACH	23.000
<b>Total 0005      WATER WORK</b>				
<b>Section</b>	<b>0006</b>	<b>LIGHTING</b>		
0079	625E98200	LIGHTING, MISC.: DUKE ENERGY LIGHTING (WT: 43)	LS	1.000
<b>Total 0006      LIGHTING</b>				
<b>Section</b>	<b>0007</b>	<b>TRAFFIC CONTROL</b>		
0080	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0081	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	161.000
0082	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	6.000
0083	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	37.000
0084	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0085	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0086	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0087	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0088	630E97700	SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	2.000
0089	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0090	632E90010	PEDESTAL, MISC.: 14', TRANSFORMER BASE (WT: 44)	EACH	2.000
0091	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	125.000
0092	644E00500	STOP LINE (WT: 45)	FT	37.000
0093	644E00600	CROSSWALK LINE (WT: 45)	FT	69.000
0094	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	54.000

0095	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0096	644E19000	SHARED LANE MARKING (WT: 45)	EACH	5.000
<b>Total</b>	<b>0007</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0097	616E10000	WATER (WT: NR)	MGAL	9.000
0098	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	20.000
<b>Total</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0099	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0100	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0101	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0102	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0103	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0104	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0009</b>	<b>INCIDENTALS</b>		

**Project Number: 210022**

**PID: 106426**

**Hamilton**

**Mt. Healthy SRTS 2017**

**E180(088)**

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Date Set for Completion: 7/31/2021

Type: SIDEWALK

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF MOUNT HEALTHY, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A SIDEWALK, INSTALLING NEW CURB RAMPS, PAVEMENT MARKINGS, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	46.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	977.000
0004	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	772.000
0005	202E30200	STEPS REMOVED (WT: NR)	FT	9.000
0006	202E32000	CURB REMOVED (WT: NR)	FT	199.000
0007	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	4.000
0008	202E98200	REMOVAL MISC.:CONDUIT (WT: NR)	FT	40.000
0009	203E10000	EXCAVATION (WT: 06)	CY	103.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	5.000
0011	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	5.000
0012	608E10000	4" CONCRETE WALK (WT: 38)	SF	3,884.000
0013	608E40000	CONCRETE STEPS, TYPE A (WT: 38)	FT	12.000
0014	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	1,911.000
0015	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	20.000
0016	625E31506	PULL BOX REMOVED AND REPLACED (WT: 43)	EACH	6.000
0017	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		



<b>Section 0002</b>		<b>EROSION CONTROL</b>		
0018	659E00300	TOPSOIL (WT: 46)	CY	58.000
0019	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	523.000
0020	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	26.000
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0022	659E31000	LIME (WT: 46)	ACRE	0.110
0023	659E35000	WATER (WT: 46)	MGAL	3.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>		<b>DRAINAGE</b>		
0025	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	40.000
0026	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0027	611E99720	INSPECTION WELL (WT: 35)	EACH	4.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>		<b>PAVEMENT</b>		
0028	609E26000	CURB, TYPE 6 (WT: 38)	FT	89.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>WATER WORK</b>		
0029	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	8.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section 0006</b>		<b>TRAFFIC CONTROL</b>		
0030	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	23.000
0031	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	1,420.000
0032	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,398.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0033	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	20.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0008</b>		<b>INCIDENTALS</b>		
0034	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0035	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0036	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0037	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 210023**

**PID: 100884**

**Highland**

SR 41-00.38

E170(239)

DBE Goal: 10%

Date Set for Completion: 9/30/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING HIG-41-0.36 IN HIGHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. HIG-41-0.36, A SINGLE SPAN GALVANIZED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE, (SPAN: 54'; ROADWAY: 30' FACE/FACE OF RAILING), OVER STRAIGHT CREEK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	613.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	625.000
0004	203E10000	EXCAVATION (WT: 06)	CY	363.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	175.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,442.000
0007	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	125.000
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350 OR MASH 2016 (WT: 36)	EACH	4.000
0009	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	270.000
0011	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,122.000
0012	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	56.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.150
0014	659E31000	LIME (WT: 46)	ACRE	0.230
0015	659E35000	WATER (WT: 46)	MGAL	6.000

0016	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0017	605E05100	4" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	266.000
0018	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	966.000
0019	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	141.000
0020	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0021	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" ) (WT: 13)	SY	817.000
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	213.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	215.000
0024	407E10000	TACK COAT (WT: 10)	GAL	266.000
0025	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	7.000
0026	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	120.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0027	621E00100	RPM (WT: 41)	EACH	26.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	26.000
0029	626E00112	BARRIER REFLECTOR, TYPE 3, BI- DIRECTIONAL (WT: NR)	EACH	8.000
0030	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.380
0031	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.380
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0032	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0033	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0034	614E13310	BARRIER REFLECTOR, TYPE 1, BI- DIRECTIONAL (WT: NR)	EACH	22.000
0035	614E13314	BARRIER REFLECTOR, TYPE 3, BI- DIRECTIONAL (WT: NR)	EACH	4.000
0036	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	31.000

0037	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.200
0038	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.600
0039	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.040
0040	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	20.000
0041	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0042	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	361.000
0043	616E10000	WATER (WT: NR)	MGAL	2.000
0044	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	760.000
0045	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	150.000

**Total 0006 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (HIG-041-0040)</b>		
0046	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0047	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	123.000
0048	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	432.000
0049	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0050	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	CY	190.000
0051	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	31,950.000
0052	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0053	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 21)	CY	91.000
0054	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	74.000
0055	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 21)	CY	46.000
0056	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	85.000
0057	512E33001	TYPE 2 WATERPROOFING, AS PER PLAN (WT: 40)	SY	136.000
0058	513E10261	STRUCTURAL STEEL MEMBERS, LEVEL 3, AS PER PLAN (WT: 24)	LB	54,710.000
0059	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	990.000
0060	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	3.000

0061	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	42.000
0062	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	128.000
0063	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11"X12"X2.02") AND LOAD PLATE (12"X13"X1.5") (NEOPRENE) (WT: 21)	EACH	12.000
0064	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	110.000
0065	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	42.000
0066	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	140.000
0067	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	131.000
0068	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	63.000
0069	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	96.000
0070	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	63.000
0071	524E95100	DRILLED SHAFTS, MISC.:THERMAL INTEGRITY PROFILER, (T.I.P.) WIRE CABLE TESTING OF DRILLED SHAFTS (WT: NR)	EACH	2.000
0072	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	212.000
0073	526E90010	TYPE A INSTALLATION (WT: 29)	FT	88.000
0074	613E41201	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN (WT: 21)	CY	130.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (HIG-041-0040)**

<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0075	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0076	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0077	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0078	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0079	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 210024**

**PID: 106331**

**Huron**

US 20-07.35

E190(749)

DBE Goal: 7%

Date Set for Completion: 8/30/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING US 20 IN THE VILLAGE OF MONROEVILLE AND RIDGEFIELD TOWNSHIP, OF HURON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROUTE AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	1,385.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	270.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	12.500
0004	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	175.000
0005	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0006	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0007	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	5.000
0008	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	4.500
0009	209E60500	LINEAR GRADING (WT: 06)	MILE	8.650
0010	209E80000	GRADING MAILBOX APPROACHES (WT: 06)	EACH	10.000
0011	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	75.000
0012	606E16500	GUARDRAIL REBUILT, TYPE 5 (WT: 36)	FT	175.000
0013	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	200.000
0014	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	1.000
0015	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	2.000
0016	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0017	608E10000	4" CONCRETE WALK (WT: 38)	SF	255.000
0018	608E52000	CURB RAMP (WT: 38)	SF	1,180.000

0019	609E16000	CURB, TYPE 2-B (WT: 38)	FT	270.000
0020	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>		<b>EROSION CONTROL</b>		
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>		<b>DRAINAGE</b>		
0022	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0023	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	15.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>		<b>PAVEMENT</b>		
0024	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) (WT: 16)	CY	600.000
0025	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) (WT: 16)	CY	400.000
0026	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.50 INCH) (WT: 13)	SY	138,851.000
0027	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	693.000
0028	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (WT: 17)	SY	4,700.000
0029	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	2,350.000
0030	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,130.000
0031	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	4,136.000
0032	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	4,404.000
0033	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), PG70-22 (WT: 10)	CY	4,682.000
0034	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), PG76-22 (WT: 10)	CY	1,114.000
0035	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	586.000
0036	617E20000	SHOULDER PREPARATION (WT: 06)	SY	10,338.000
0037	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	8.460
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>WATER WORK</b>		
0038	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	5.000
<b>Total 0005</b>		<b>WATER WORK</b>		



Section	0006	TRAFFIC CONTROL		
0039	621E00100	RPM (WT: 41)	EACH	300.000
0040	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	291.000
0041	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	7.000
0042	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	24.000
0043	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0044	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0045	644E00500	STOP LINE (WT: 45)	FT	244.000
0046	644E00600	CROSSWALK LINE (WT: 45)	FT	1,748.000
0047	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	239.000
0048	644E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	6.000
0049	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	667.000
0050	644E01300	LANE ARROW (WT: 45)	EACH	6.000
0051	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.100
0052	807E12200	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	0.050
0053	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WHITE) (WT: 45)	MILE	4.430
0054	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (YELLOW) (WT: 45)	MILE	4.420
0055	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	6.800
0056	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	1.070
0057	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	542.000
0058	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	567.000
0059	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	16.720
0060	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	567.000

0061	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	542.000
0062	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	0.150
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0063	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	200.000
0064	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	25.000
0065	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	9.000
0066	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	13.800
0067	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	2.240
0068	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.700
0069	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	616.000
0070	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	204.000
0071	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	9.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (HUR-20-8.13)</b>		
0072	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	98.000
0073	512E10301	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN (WT: 57)	SY	15.000
0074	516E31000	JOINT SEALER (WT: 27)	FT	98.000
0075	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	50.000
0076	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK, TYPE B (WT: 29)	SY	25.000
0077	530E00200	SPECIAL - STRUCTURES, MISC.: GRIND EXPANSION JOINT STEEL (WT: 29)	LS	1.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (HUR-20-8.13)</b>		
<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0078	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0079	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0080	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0081	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0082	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0083	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 210025**

**PID: 102055**

**Jefferson**

**SR 150A/SR 7 Park & Ride**

**E160(986)**

DBE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: PARKING AREAS

Plan Cost: N/A

**FOR IMPROVING A SECTION IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A PARK AND RIDE PARKING LOT AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E75000	FENCE REMOVED (WT: NR)	FT	375.000
0003	203E10000	EXCAVATION (WT: 06)	CY	1,512.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	779.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,124.000
0006	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0007	607E15000	FENCE, TYPE 47 (WT: 37)	FT	24.000
0008	607E20000	FENCE, TYPE CL (WT: 37)	FT	598.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	58.000
0010	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0011	659E00300	TOPSOIL (WT: 46)	CY	573.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,602.000
0013	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	230.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.640
0015	659E31000	LIME (WT: 46)	ACRE	0.950
0016	659E35000	WATER (WT: 46)	MGAL	26.000
0017	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	563.000

0018	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0019	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0020	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	11,049.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>		<b>DRAINAGE</b>		
0022	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	89.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>		<b>PAVEMENT</b>		
0023	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	228.000
0024	304E20000	AGGREGATE BASE (WT: 09)	CY	343.000
0025	407E10000	TACK COAT (WT: 10)	GAL	227.000
0026	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	71.000
0027	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	100.000
0028	609E26000	CURB, TYPE 6 (WT: 38)	FT	860.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>LIGHTING</b>		
0029	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	40.000
0030	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	10.000
0031	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	6.000
0032	625E10490	LIGHT POLE, CONVENTIONAL, DESIGN AT15B35 (WT: 43)	EACH	5.000
0033	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	5.000
0034	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	750.000
0035	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	696.000
0036	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (IES-11-M, LED, 8750- 9129 LUMENS) (WT: 43)	EACH	5.000
0037	625E29000	TRENCH (WT: 43)	FT	646.000
0038	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000

0039	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0040	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	646.000
0041	625E39520	PULL BOX CLEANED (WT: 43)	EACH	1.000
0042	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0043	625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: NR)	EACH	1.000
<b>Total 0005</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0044	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	74.000
0045	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	30.000
0046	642E00701	TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN (WT: 45)	FT	60.000
0047	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	802.000
0048	642E01703	HANDICAP SYMBOL MARKING, TYPE 1, AS PER PLAN (WT: 45)	EACH	2.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0049	616E10000	WATER (WT: NR)	MGAL	10.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0050	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0051	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0052	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0053	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0054	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210026**

**PID: 13484**

**Lake**

SR 2-01.05 L&R

E170(299)

DBE Goal: 10%

Date Set for Completion: 9/30/2023

Type: BRIDGE REPAIR

Plan Cost: \$63.00

**FOR IMPROVING LAK-2-1.05 L&R IN LAKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GRADING, DRAINING, RESURFACING WITH ASPHALT CONCRETE, MEDIAN BARRIER REPLACEMENT, LIGHTING UPGRADES AND RECONSTRUCTING BRIDGE NOS. LAK-2-0105 L/R BY WIDENING AND REPLACING THE SUPERSTRUCTURE SLABS ON REBUILT SUBSTRUCTURES, (SPANS: 40'-6", 50', 40'-6"; ROADWAY: 63'-7" TOE/TOE OF PARAPET), OVER WORDEN RD.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	11,690.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	4,334.000
0005	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	9,315.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	567.000
0007	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	30.000
0008	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,653.000
0009	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0010	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0011	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	8.000
0012	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0013	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	13.000
0014	202E75000	FENCE REMOVED (WT: NR)	FT	160.000
0015	202E98000	REMOVAL MISC.: POTTED PLANTS REMOVED AND DELIVERED (WT: NR)	LS	1.000
0016	203E10000	EXCAVATION (WT: 06)	CY	6,597.000

0017	203E20000	EMBANKMENT (WT: 06)	CY	4,080.000
0018	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	20,301.000
0019	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,056.000
0020	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	2,056.000
0021	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	6,168.000
0022	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,681.000
0023	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	1.000
0024	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0025	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0026	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0027	607E23000	FENCE, TYPE CLT (WT: 37)	FT	116.000
0028	608E10000	4" CONCRETE WALK (WT: 38)	SF	4,334.000
0029	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	FT	3,843.000
0030	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	40.000
0031	622E10200	BARRIER TRANSITION (WT: 38)	EACH	2.000
0032	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	4.000
0033	622E25006	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1 (WT: 38)	EACH	22.000
0034	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN , A (WT: 38)	EACH	1.000
0035	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN, B (WT: 38)	EACH	1.000
0036	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN, C (WT: 38)	EACH	3.000
0037	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN, D (WT: 38)	EACH	2.000
0038	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN, E (WT: 38)	EACH	3.000

**Total 0001 ROADWAY**

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**Section 0002 EROSION CONTROL**

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0039	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	50.000
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0040	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0041	659E00300	TOPSOIL (WT: 46)	CY	914.000
0042	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	6,611.000
0043	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	331.000
0044	659E15000	INTER-SEEDING (WT: 46)	SY	331.000
0045	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.920
0046	659E31000	LIME (WT: 46)	ACRE	1.370
0047	659E35000	WATER (WT: 46)	MGAL	37.000
0048	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	668.000
0049	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0050	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0051	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0052	832E30000	EROSION CONTROL (WT: 08)	EACH	30,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0053	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.310
0054	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	8,458.000
0055	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	336.000
0056	611E00511	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, AS PER PLAN (WT: 35)	FT	250.000
0057	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	389.000
0058	611E05900	15" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	80.000
0059	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	17.000
0060	611E07600	18" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	28.000
0061	611E10400	24" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	16.000
0062	611E13400	30" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	30.000
0063	611E99101	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1, AS PER PLAN (WT: 35)	EACH	15.000
0064	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	3.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0065	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	2,322.000
0066	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (2.5") (WT: 13)	SY	69,463.000
0067	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, (3.25") (WT: 13)	SY	6,607.000

0068	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	5,019.000
0069	304E20000	AGGREGATE BASE (WT: 09)	CY	3,371.000
0070	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9,370.000
0071	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	276.000
0072	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	322.000
0073	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	127.000
0074	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	1,384.000
0075	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	3,707.000
0076	452E19001	VARIABLE THICKNESS NON-REINFORCED CONCRETE PAVEMENT, AS PER PLAN (WT: 38)	SY	150.000
0077	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	667.000
<b>Total 0004 PAVEMENT</b>				
<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0078	611E00400	4" CONDUIT, TYPE E (WT: 43)	FT	40.000
0079	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	2.000
0080	625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	EACH	64.000
0081	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	15.000
0082	625E10495	LIGHT POLE, LOW MAST, AS PER PLAN (DESIGN ALMB40) (WT: 43)	EACH	32.000
0083	625E14306	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP (WT: 43)	EACH	32.000
0084	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	9,149.000
0085	625E23100	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	7,095.000
0086	625E23306	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,142.000
0087	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	2,560.000
0088	625E25200	CONDUIT, 1-1/4", 725.04 (WT: 43)	FT	402.000
0089	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	10.000
0090	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	90.000

0091	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	70.000
0092	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	248.000
0093	625E26273	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, 480V (WT: 43)	EACH	32.000
0094	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 240 V (WT: 43)	EACH	12.000
0095	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	20.000
0096	625E29900	JUNCTION BOX 6"x6"x4" (WT: 43)	EACH	22.000
0097	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0098	625E31510	PULL BOX REMOVED (WT: 43)	EACH	1.000
0099	625E32000	GROUND ROD (WT: 43)	EACH	34.000
0100	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	2.000
0101	625E37100	SERVICE TO UNDERPASS LIGHTING (WT: 43)	EACH	1.000
0102	625E39520	PULL BOX CLEANED (WT: 43)	EACH	3.000
0103	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0104	625E75501	LIGHT POLE FOUNDATION REMOVED, AS PER PLAN (WT: NR)	EACH	32.000
0105	625E75506	LUMINAIRE REMOVED (WT: NR)	EACH	26.000
0106	625E75507	LUMINAIRE REMOVED, AS PER PLAN (WT: NR)	EACH	6.000
0107	625E75521	LUMINAIRE SUPPORT REMOVED, AS PER PLAN (WT: NR)	EACH	32.000
0108	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	1.000
0109	625E98000	LIGHTING, MISC.: REMOVAL OF UNDERPASS LIGHTING SYSTEM, COMPLETE (WT: 43)	EACH	1.000

**Total 0005 LIGHTING**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0110	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	4.500
0111	621E00100	RPM (WT: 41)	EACH	368.000
0112	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	368.000
0113	626E00102	BARRIER REFLECTOR, TYPE 1, (ONE WAY) (WT: NR)	EACH	207.000
0114	626E00116	BARRIER REFLECTOR, TYPE 5 (ONE WAY) (WT: NR)	EACH	62.000
0115	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	40.000

0116	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	168.000
0117	630E79610	SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED (WT: 42)	EACH	5.000
0118	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	127.500
0119	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	20.000
0120	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
0121	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0122	646E10010	EDGE LINE, 6" (WT: 45)	MILE	4.840
0123	646E10110	LANE LINE, 6" (WT: 45)	MILE	4.760
0124	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	2,311.000
0125	646E20504	DOTTED LINE, 6" (WT: 45)	FT	3,010.000

**Total 0006      TRAFFIC CONTROL**

<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0126	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (1.5") (WT: 13)	SY	2,552.000
0127	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	108.000
0128	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	228.000
0129	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0130	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	600.000
0131	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	12.000
0132	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0133	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	25.000
0134	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	416.000
0135	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	100.000
0136	614E13310	BARRIER REFLECTOR, TYPE 1, (ONE WAY) (WT: NR)	EACH	4,610.000
0137	614E13318	BARRIER REFLECTOR, TYPE 5, (ONE WAY) (WT: NR)	EACH	186.000
0138	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	1,112.000
0139	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	40.000
0140	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	36.390

0141	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	40.710
0142	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	33,625.000
0143	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	23,583.000
0144	614E28000	WORK ZONE GORE MARKING, CLASS II (WT: 39)	FT	241.000
0145	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0146	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	3,206.000
0147	616E10000	WATER (WT: NR)	MGAL	21.000
0148	622E41050	PORTABLE BARRIER, "Y" CONNECTOR (WT: 39)	EACH	2.000
0149	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	54,082.000
0150	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	840.000
0151	622E80000	GLARE SCREEN (WT: 39)	FT	4,580.000
0152	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	60.000
0153	839E30001	TRENCH DRAIN WITH STANDARD GRATE, AS PER PLAN (WT: 35)	FT	5,442.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LAK-002-0105 L SFN 4300157)</b>		
0154	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0155	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	200.000
0156	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0157	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	LS	1.000
0158	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0159	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	120.000
0160	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	100.000
0161	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	4.000
0162	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	156,179.000
0163	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	124.000
0164	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	226.000

0165	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	679.000
0166	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	66.000
0167	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	18.000
0168	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	27.000
0169	511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 21)	CY	8.000
0170	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	17.000
0171	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	151.000
0172	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	440.000
0173	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	71.000
0174	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	20.000
0175	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	7.000
0176	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	133.000
0177	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	157.000
0178	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	21.000
0179	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	427.000
0180	516E25000	NYLON REINFORCED NEOPRENE SHEETING (WT: 21)	SF	421.000
0181	516E41600	1" ELASTOMERIC BEARING PAD (WT: 21)	SF	113.000
0182	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0183	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	49.000
0184	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	138.000
0185	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	34.000
0186	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	3,318.000

0187	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	47.000
0188	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	371.000
0189	526E90030	TYPE C INSTALLATION (WT: 29)	FT	133.000
0190	530E00200	SPECIAL - STRUCTURES, MISC.: VIBRATION MONITORING (WT: NR)	LS	1.000
0191	601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	SY	34.000
0192	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0193	606E10930	SPECIAL - NOISE BARRIER, MISC: REFLECTIVE PANELS (FIBERGLASS) (WT: NR)	FT	160.000
0194	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
0195	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	104.000

**Total 0008      STRUCTURE OVER 20 FOOT SPAN (LAK-002-0105 L SFN 4300157)**

<b>Section 0009</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LAK-002-0105 R SFN 4300181)</b>			
0196	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0197	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	200.000
0198	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0199	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	LS	1.000
0200	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0201	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	120.000
0202	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	100.000
0203	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	4.000
0204	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	154,972.000
0205	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	123.000
0206	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	244.000
0207	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	686.000
0208	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	66.000

0209	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	18.000
0210	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	24.000
0211	511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 21)	CY	9.000
0212	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	17.000
0213	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	144.000
0214	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	440.000
0215	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	71.000
0216	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	3.000
0217	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	6.000
0218	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	133.000
0219	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	157.000
0220	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	21.000
0221	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	424.000
0222	516E25000	NYLON REINFORCED NEOPRENE SHEETING (WT: 21)	SF	422.000
0223	516E41600	1" ELASTOMERIC BEARING PAD (WT: 21)	SF	113.000
0224	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0225	518E12500	SCUPPER, MISC.: TEMPORARY SCUPPER (WT: 21)	EACH	8.000
0226	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	50.000
0227	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	137.000
0228	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	40.000
0229	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	3,463.000
0230	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	65.000



0231	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	371.000
0232	526E90030	TYPE C INSTALLATION (WT: 29)	FT	133.000
0233	530E00200	SPECIAL - STRUCTURES, MISC.: VIBRATION MONITORING (WT: NR)	LS	1.000
0234	601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	SY	34.000
0235	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0236	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
0237	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	216.000

**Total 0009      STRUCTURE OVER 20 FOOT SPAN (LAK-002-0105 R SFN 4300181)**

<b>Section 0010</b>	<b>INCIDENTALS</b>			
0238	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0239	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0240	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0241	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	30.000
0242	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0243	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0010      INCIDENTALS**

**Project Number: 210027**  
**PID: 110486**  
**Lucas**  
US 20-09.10 @McCord Sfty Grp A  
E190(989)

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DBE Goal: 5%

Date Set for Completion: 10/31/2021

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN SYLVANIA TOWNSHIP, LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING TRAFFIC SIGNALS AND SIGNING, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	474.000
0003	202E98200	REMOVAL MISC.: LANDSCAPING BLOCK WALL (WT: NR)	FT	21.000
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	310.000
0005	608E52000	CURB RAMP (WT: 38)	SF	116.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0006	659E00300	TOPSOIL (WT: 46)	CY	42.000
0007	659E10000	SEEDING AND MULCHING (WT: 46)	SY	380.000
0008	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	19.000
0009	659E15000	INTER-SEEDING (WT: 46)	SY	19.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.060
0011	659E35000	WATER (WT: 46)	MGAL	2.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total 0002</b>	<b>EROSION CONTROL</b>			
<b>Section 0003</b>	<b>TRAFFIC CONTROL</b>			
0013	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	14.000

0014	630E72550	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13 (WT: 42)	EACH	2.000
0015	630E74500	OVERHEAD SIGN SUPPORT, MISC.: LUCAS COUNTY TR-6, TYPE 125 SW (WT: 42)	EACH	3.000
0016	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0017	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	277.000
0018	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	188.000
0019	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	2.000
0020	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN, LUCAS COUNTY TR-9, TYPE P (WT: 42)	EACH	3.000
0021	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0022	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0023	630E87451	REMOVAL OF OVERHEAD MOUNTED SIGN AND DELIVERY, AS PER PLAN (WT: NR)	EACH	3.000
0024	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0025	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0026	630E89853	REMOVAL OF OVERHEAD SIGN SUPPORT AND DELIVERY, TYPE TC-17.10, AS PER PLAN (WT: NR)	EACH	4.000

**Total 0003      TRAFFIC CONTROL**

<b>Section</b>	<b>0004</b>	<b>TRAFFIC SIGNALS</b>		
0027	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	4.000
0028	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	4.000
0029	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	1.000
0030	625E18500	BRACKET ARM, 25' (WT: 43)	EACH	4.000
0031	625E23306	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,001.000
0032	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	761.000
0033	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	142.000
0034	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	57.000
0035	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	67.000
0036	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	441.000

0037	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II (WT: 43)	EACH	4.000
0038	625E29000	TRENCH (WT: 43)	FT	266.000
0039	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	5.000
0040	625E31510	PULL BOX REMOVED (WT: 43)	EACH	3.000
0041	625E32000	GROUND ROD (WT: 43)	EACH	21.000
0042	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	266.000
0043	625E76000	ARC FLASH CALCULATIONS AND LABEL, SIGNAL CABINET (WT: NR)	EACH	1.000
0044	625E76000	ARC FLASH CALCULATIONS AND LABEL, SIGNAL POWER SERVICE (WT: NR)	EACH	1.000
0045	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	14.000
0046	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	2.000
0047	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0048	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	8.000
0049	632E40200	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,402.000
0050	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,836.000
0051	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,225.000
0052	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0053	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	5.000
0054	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	61.000
0055	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0056	632E79130	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	1.000
0057	632E79150	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14 (WT: 44)	EACH	3.000
0058	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	5.000
0059	632E90010	PEDESTAL, MISC.:15', HL-10.12 POLE WITH HL-10.13 TRANSFORMER BASE (WT: 44)	EACH	1.000
0060	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000

0061	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0062	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0063	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0064	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0065	809E65990	ITS DEVICE, MISC.:, REMOVAL AND REINSTALLATION OF ETHERNET RADIO (WT: 44)	EACH	2.000
0066	809E65990	ITS DEVICE, MISC.:, REMOVAL AND REINSTALLATION OF PTZ CAMERA (WT: 44)	EACH	1.000
0067	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0068	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0069	828E00110	LED BLANKOUT SIGN, (MMU/CMU COMPATIBLE), TYPE R3-2, SIZE 24" X 24" (WT: 44)	EACH	2.000
<b>Total 0004      TRAFFIC SIGNALS</b>				
<b>Section 0005      MAINTENANCE OF TRAFFIC</b>				
0070	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
<b>Total 0005      MAINTENANCE OF TRAFFIC</b>				
<b>Section 0006      INCIDENTALS</b>				
0071	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0072	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0073	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0074	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006      INCIDENTALS</b>				

**Project Number: 210028**

**PID: 94675**

**Mercer**

SR 716-05.02

E161(363)

DBE Goal: 9%

Date Set for Completion: 9/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN MARION TOWNSHIP, MERCER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE DECK AND APPROACH SLABS FOR THE SINGLE SPAN CONCRETE SLAB BRIDGE ON SR 716 OVER HOMAN DITCH, INCLUDING ALL RELATED ITEMS OF WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	525.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,005.000
0004	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0005	203E10000	EXCAVATION (WT: 06)	CY	143.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	173.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	713.000
0008	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	6.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	225.000
0010	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	550.000
0011	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (MASH 2016) (WT: 36)	EACH	4.000
0012	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0013	659E00300	TOPSOIL (WT: 46)	CY	132.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,190.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.160

0016	659E31000	LIME (WT: 46)	ACRE	0.250
0017	659E35000	WATER (WT: 46)	MGAL	7.000
0018	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	321.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	13,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0021	605E31100	AGGREGATE DRAINS (WT: 35)	FT	33.000
0022	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	20.000
0023	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0024	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	135.000
0025	304E20000	AGGREGATE BASE (WT: 09)	CY	120.000
0026	407E10000	TACK COAT (WT: 10)	GAL	88.000
0027	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	58.000
0028	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0029	626E00116	BARRIER REFLECTOR, TYPE 5 (BIDIRECTIONAL) (WT: NR)	EACH	17.000
0030	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	10.000
0031	630E80101	SIGN, FLAT SHEET, AS PER PLAN (WT: 42)	SF	0.670
0032	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0033	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0034	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.100
0035	646E10200	CENTER LINE (WT: 45)	MILE	0.050
Total	0005	TRAFFIC CONTROL		
Section	0006	STRUCTURE 20 FOOT SPAN AND UNDER (MER-716-0502)		
0036	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0037	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	118.000

0038	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	195.000
0039	203E10000	EXCAVATION (WT: 06)	CY	6.000
0040	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0041	509E40000	REINFORCING STEEL, MISC.: GALVANIZED COATED REINFORCING STEEL (WT: 23)	LB	10,783.000
0042	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 20)	EACH	94.000
0043	511E33413	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN (WT: 20)	CY	46.000
0044	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	177.000
0045	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	29.000
0046	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	45.000
0047	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	62.000
0048	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	115.000
0049	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	49.000
0050	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	22.000
0051	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	43.000
0052	526E15001	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN (WT: 29)	SY	160.000
0053	526E90020	TYPE B INSTALLATION (WT: 29)	SY	47.000
0054	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	80.000

**Total 0006      STRUCTURE 20 FOOT SPAN AND UNDER (MER-716-0502)**

<b>Section 0007</b>	<b>INCIDENTALS</b>			
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0057	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0058	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0059	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0060	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0007      INCIDENTALS**



**Project Number: 210029**  
**PID: 107678**  
**Putnam**  
/PUT-US 224/SR 114/SR 637-VAR  
E190(672)

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DBE Goal: 7%

Date Set for Completion: 8/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF OTTOVILLE AND GROVER HILL, THE TOWNSHIPS OF MONTEREY, LATTY, AND JACKSON, IN PAULDING AND PUTNAM COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, CONSTRUCTING CONCRETE WALK, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	4,498.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	267.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	15.000
0004	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	14.800
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	546.000
0006	608E52000	CURB RAMP (WT: 38)	SF	99.000
0007	608E53020	DETECTABLE WARNING (WT: 38)	SF	118.000
0008	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	6.000
<b>Total 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	20.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.250
0011	659E35000	WATER (WT: 46)	MGAL	3.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>0003</b>	<b>PAVEMENT</b>		
0013	253E02000	PAVEMENT REPAIR (WT: 16)	CY	475.000

0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" DEPTH (WT: 13)	SY	19,028.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" DEPTH (WT: 13)	SY	107,536.000
0016	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (WT: 13)	SY	601.000
0017	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, VARIABLE DEPTH (WT: 13)	SY	108.000
0018	254E01600	PATCHING PLANED SURFACE, VARIABLE DEPTH (WT: 16)	SY	2,545.000
0019	304E20000	AGGREGATE BASE (WT: 09)	CY	90.000
0020	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,199.000
0021	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	5,367.000
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	155.000
0023	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	244.000
0024	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	967.000
0025	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	10,540.000

**Total 0003 PAVEMENT**

<b>Section 0004</b>	<b>TRAFFIC CONTROL</b>			
0026	621E00100	RPM (WT: 41)	EACH	452.000
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	452.000
0028	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	14.800
0029	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	8.130
0030	643E00500	STOP LINE (WT: 45)	FT	136.000
0031	643E00600	CROSSWALK LINE (WT: 45)	FT	370.000
0032	643E00800	CURB MARKING (WT: 45)	FT	409.000
0033	643E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0034	643E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	1.000

**Total 0004 TRAFFIC CONTROL**

<b>Section 0005</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0035	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	54.000
0036	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	8.130
0037	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	16.260

**Total 0005 MAINTENANCE OF TRAFFIC**

<b>Section 0006</b>	<b>INCIDENTALS</b>			
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0038	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0041	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210030**

**PID: 88970**

**Pike**

SR 32-03.04

E130(812)

DBE Goal: 7%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN SUNFISH AND NEWTON TOWNSHIPS, PIKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAY, BRIDGE DECK PAVING, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E98500	REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY (WT: NR)	CY	250.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0004	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (WT: 16)	SY	500.000
0005	407E10000	TACK COAT (WT: 10)	GAL	26,021.000
0006	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	8,504.000
0007	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	400.000
0008	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	27.160
0009	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	2.000
0010	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	34.560
0011	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	3,475.000

0012	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	1,175.000
0013	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 0.75" (WT: 13)	SY	306,126.000
0014	897E02000	PATCHING PLANED SURFACE (WT: 13)	SY	61,224.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0015	621E00100	RPM (WT: 41)	EACH	947.000
0016	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	947.000
0017	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	157.000
0018	644E00900	ISLAND MARKING (WT: 45)	SF	40.000
0019	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	1,634.000
0020	644E01300	LANE ARROW (WT: 45)	EACH	15.000
0021	644E01600	HANDICAP SYMBOL MARKING (WT: 45)	EACH	2.000
0022	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	23.040
0023	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	11.520
0024	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	1,175.000
0025	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	3,475.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0026	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0027	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	13.000
0028	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	28.000
0029	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0030	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0031	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	23.040
0032	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.570
0033	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	1,790.000

0034	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	2,640.000
0035	616E10000	WATER (WT: NR)	MGAL	1.000
0036	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	48.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 L SFN: 6603629)</b>		
0037	407E10000	TACK COAT (WT: 10)	GAL	56.000
0038	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0039	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	19.000
0040	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	654.000
<b>Total 0006</b>		<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 L SFN: 6603629)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 R SFN: 6603637)</b>		
0041	407E10000	TACK COAT (WT: 10)	GAL	56.000
0042	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0043	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	19.000
0044	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	654.000
<b>Total 0007</b>		<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 R SFN: 6603637)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 L SFN: 6603653)</b>		
0045	407E10000	TACK COAT (WT: 10)	GAL	30.000
0046	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0047	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	10.000
0048	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	343.000
<b>Total 0008</b>		<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 L SFN: 6603653)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 R SFN: 6603661)</b>		
0049	407E10000	TACK COAT (WT: 10)	GAL	30.000

0050	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0051	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	10.000
0052	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	343.000
<b>Total 0009</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 R SFN: 6603661)</b>			
<b>Section 0010</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0876 L SFN: 6603718)</b>			
0053	407E10000	TACK COAT (WT: 10)	GAL	89.000
0054	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	30.000
0055	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	59.000
0056	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	1,045.000
<b>Total 0010</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0876 L SFN: 6603718)</b>			
<b>Section 0011</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0876 R SFN: 6603726)</b>			
0057	407E10000	TACK COAT (WT: 10)	GAL	89.000
0058	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	30.000
0059	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	59.000
0060	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	1,045.000
<b>Total 0011</b>	<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0876 R SFN: 6603726)</b>			
<b>Section 0012</b>	<b>INCIDENTALS</b>			
0061	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0062	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0063	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0064	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0012</b>	<b>INCIDENTALS</b>			

**Project Number: 210031**

**PID: 104155**

**Pike**

**SR 772-13.77 Slide Repair**

**E170(572)**

DBE Goal: 5%

Date Set for Completion: 7/5/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION OF PEBBLE TOWNSHIP, OF PIKE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A DRILLED SHAFT & PLUG PILE WALL ON 0.23 MILES OF SR-772, INCLUDING OTHER RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,179.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	5.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	861.000
0005	203E10000	EXCAVATION (WT: 06)	CY	24.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	132.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,400.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	862.500
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0010	659E10000	SEEDING AND MULCHING (WT: 46)	SY	994.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.140
0012	659E31000	LIME (WT: 46)	ACRE	0.210
0013	659E35000	WATER (WT: 46)	MGAL	6.000
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0015	611E10200	24" CONDUIT, TYPE A, 707.33 (WT: 35)	FT	8.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		



<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0016	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,226.000
0017	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	208.000
0018	304E20000	AGGREGATE BASE (WT: 09)	CY	219.000
0019	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	352.000
0020	408E10000	PRIME COAT (WT: 10)	GAL	107.000
0021	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	208.000
0022	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	6.000
<b>Total</b>	<b>0004</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0023	621E00100	RPM (WT: 41)	EACH	15.000
0024	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	15.000
0025	626E00112	BARRIER REFLECTOR, TYPE 3 (BIDIRECTIONAL) (WT: NR)	EACH	18.000
0026	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.460
0027	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.230
<b>Total</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0028	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0029	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	29.000
0030	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	29.000
0031	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.190
0032	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.270
0033	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	26.000
0034	616E10000	WATER (WT: NR)	MGAL	2.000
0035	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,430.000
<b>Total</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>RETAINING WALLS (001)</b>		
0036	507E00400	STEEL PILES, MISC.: SOLDIER PILES W24X131 (WT: 28)	FT	4,624.000
0037	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	3,199.000
0038	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,500.000

0039	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 36" DIAMETER, UNREINFORCED (WT: 28)	FT	2,855.000
0040	530E00400	SPECIAL - STRUCTURES, CAST-IN-PLACE CONCRETE PANEL (WT: 28)	EACH	1.000

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**Total 0007      RETAINING WALLS (001)**

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<b>Section 0008</b>	<b>INCIDENTALS</b>			
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0044	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0045	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>	<b>INCIDENTALS</b>			

**Project Number: 210032**

**PID: 110460**

**Preble**

SR 177 -00.70

E191(437)

DBE Goal: 8%

Date Set for Completion: 9/30/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN ISRAEL TOWNSHIP, PREBLE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING, RESURFACING, AND RECONSTRUCTING AN INTERSECTION, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,294.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	250.000
0004	202E75000	FENCE REMOVED (WT: NR)	FT	1,142.000
0005	203E10000	EXCAVATION (WT: 06)	CY	4,157.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	682.000
0007	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	36.000
0008	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	36.000
0009	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0010	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	92.000
0011	206E10500	CEMENT (WT: NR)	TON	83.000
0012	206E11000	CURING COAT (WT: 07)	SY	3,181.000
0013	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	3,181.000
0014	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	325.000
0016	606E20050	ROUNDED END SECTION (WT: 36)	EACH	1.000
0017	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	3.000
0018	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000

0019	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	4.000
0020	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0021	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0022	659E00300	TOPSOIL (WT: 46)	CY	900.000
0023	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,925.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	400.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.100
0026	659E31000	LIME (WT: 46)	ACRE	1.650
0027	659E35000	WATER (WT: 46)	MGAL	43.000
0028	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	500.000
0029	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0030	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0031	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0032	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000
0033	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	127.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0034	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	26.000
0035	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	372.000
0036	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	2,183.000
0037	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	70.000
0038	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	42.000
0039	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0040	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	6.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0041	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE (0" TO 2.75") (WT: 13)	SY	1,005.000

0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	736.000
0043	304E20000	AGGREGATE BASE (WT: 09)	CY	519.000
0044	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	678.000
0045	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	131.000
0046	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	183.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0047	621E00100	RPM (WT: 41)	EACH	12.000
0048	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	12.000
0049	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	3.000
0050	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	218.000
0051	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	8.000
0052	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	24.000
0053	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	16.000
0054	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.501
0055	644E00300	CENTER LINE (WT: 45)	MILE	0.291
0056	644E00500	STOP LINE (WT: 45)	FT	670.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0057	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	48.000
0058	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0059	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0060	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0061	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0062	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210033**  
**PID: 96519**  
**Trumbull**  
IR 80-08.56 (PART 1 AND PART 2)  
E190(995)

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DBE Goal: 8%

Date Set for Completion: 9/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF HUBBARD AND LIBERTY TOWNSHIPS, OF TRUMBULL COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 3.77 MILES OF IR-80, INCLUDING MINOR REHAB WORK (CLEANING, DECK SEALING, RESURFACING ON FOURTEEN BRIDGES, THE REMOVAL OF AN ABANDONED STRUCTURE, AND THE REPAIR OF A LARGE CULVERT DAMAGED BY A SINK HOLE, INCLUDING OTHER RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
0001	209E60200	LINEAR GRADING (WT: 06)	STA	796.000
0002	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	300.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL (PART 1)</b>		
0003	601E10000	RIPRAP (WT: 35)	SY	54.000
0004	659E00300	TOPSOIL (WT: 46)	CY	36.000
0005	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,392.000
0006	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.020
0007	659E31000	LIME (WT: 46)	ACRE	4.620
0008	659E35000	WATER (WT: 46)	MGAL	120.900
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL (PART 1)</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE (PART 1)</b>		
0010	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	9.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE (PART 1)</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT (PART 1)</b>		
0011	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	5,000.000

0012	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 1 1/2") (WT: 13)	SY	200,541.000
0013	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	16,045.000
0014	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	8,562.000
0015	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	8,358.000
0016	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,213.000
0017	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	15.000
<b>Total 0004</b>		<b>PAVEMENT (PART 1)</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL (PART 1)</b>		
0018	621E00100	RPM (WT: 41)	EACH	520.000
0019	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	416.000
0020	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0021	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	4.000
0022	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	7.500
0023	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	17.580
0024	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	7.620
0025	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	4,350.000
0026	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	50.000
0027	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	4.000
0028	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	3,050.000
0029	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,250.000
0030	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.570
<b>Total 0005</b>		<b>TRAFFIC CONTROL (PART 1)</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS (PART 1)</b>		
0031	633E99300	CONTROLLER ITEM, MISC.: CONTROLLER MODIFICATION (WT: 44)	LS	1.000
0032	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0033	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
<b>Total 0006</b>		<b>TRAFFIC SIGNALS (PART 1)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (TRU-80-0632) (PART 1)</b>		
0034	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000

0035	530E00600	SPECIAL - STRUCTURES: REPAIR OF DETERIORATED SURFACES OF THE STEEL PIPE (WT: 35)	SF	250.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (TRU-80-0632) (PART 1)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (TRU-80-0742) (PART 1)</b>		
0036	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0037	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	35.000
0038	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,142.000
0039	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	200.000
0040	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS (WT: NR)	LS	1.000
0041	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS (WT: NR)	LS	1.000
0042	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS (WT: NR)	LS	1.000
0043	530E00200	SPECIAL - STRUCTURES, MISC.: STRUCTURAL STEEL CLEANING (WT: NR)	LS	1.000
0044	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	2.000
0045	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	15.000
0046	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.120
<b>Total 0008</b>		<b>STRUCTURE REPAIR (TRU-80-0742) (PART 1)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (TRU-80-0798) (PART 1)</b>		
0047	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0048	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,129.000
0049	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS (WT: NR)	LS	1.000
0050	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS (WT: NR)	LS	1.000
0051	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS (WT: NR)	LS	1.000
0052	530E00200	SPECIAL - STRUCTURES, MISC.: STRUCTURAL STEEL CLEANING (WT: NR)	LS	1.000
0053	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	2.000



0054	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	15.000
0055	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0056	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0057	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0058	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
<b>Total 0009</b>		<b>STRUCTURE REPAIR (TRU-80-0798) (PART 1)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (TRU-80-0855R) (PART 1)</b>		
0059	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0060	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,167.000
0061	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.120
0062	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.060
<b>Total 0010</b>		<b>STRUCTURE REPAIR (TRU-80-0855R) (PART 1)</b>		
<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (TRU-80-0856L) (PART 1)</b>		
0063	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0064	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,468.000
0065	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.120
0066	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.060
<b>Total 0011</b>		<b>STRUCTURE REPAIR (TRU-80-0856L) (PART 1)</b>		
<b>Section</b>	<b>0012</b>	<b>STRUCTURE REPAIR (TRU-80-0905) (PART 1)</b>		
0067	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0068	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	50.000
0069	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	300.000
0070	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS (WT: NR)	LS	1.000
0071	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS (WT: NR)	LS	1.000
0072	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS (WT: NR)	LS	1.000
0073	530E00200	SPECIAL - STRUCTURES, MISC.: STRUCTURAL STEEL CLEANING (WT: NR)	LS	1.000

0074	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	2.000
0075	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	15.000
<b>Total 0012</b>		<b>STRUCTURE REPAIR (TRU-80-0905) (PART 1)</b>		
<b>Section</b>	<b>0013</b>	<b>STRUCTURE REPAIR (TRU-80-0941L) (PART 1)</b>		
0076	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0077	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	502.000
0078	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	40.000
0079	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	30.000
0080	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	21.000
0081	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	50.000
0082	511E81100	CONCRETE, MISC.: PARAPET REPAIR (WT: 29)	FT	10.000
0083	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	2.000
0084	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	6.000
0085	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	30.000
0086	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	21.000
<b>Total 0013</b>		<b>STRUCTURE REPAIR (TRU-80-0941L) (PART 1)</b>		
<b>Section</b>	<b>0014</b>	<b>STRUCTURE REPAIR (TRU-80-0941RL) (PART 1)</b>		
0087	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0088	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	302.000
0089	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	25.000
0090	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	19.000
0091	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	13.000
0092	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	4.000
0093	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	23.000
0094	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	13.000

Total 0014		STRUCTURE REPAIR (TRU-80-0941RL) (PART 1)		
Section 0015	STRUCTURE REPAIR (TRU-80-0942R) (PART 1)			
0095	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0096	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	502.000
0097	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	40.000
0098	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	30.000
0099	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	21.000
0100	513E90000	STRUCTURAL STEEL, MISC.: REPLACEMENT OF DAMAGED CROSSFRAMES (WT: 24)	LB	140.000
0101	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	6.000
0102	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	30.000
0103	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	21.000
Total 0015		STRUCTURE REPAIR (TRU-80-0942R) (PART 1)		
Section 0016	STRUCTURE REPAIR (TRU-80-0957R) (PART 1)			
0104	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0105	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,597.000
0106	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.120
0107	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.060
0108	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	350.000
0109	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	125.000
Total 0016		STRUCTURE REPAIR (TRU-80-0957R) (PART 1)		
Section 0017	STRUCTURE REPAIR (TRU-80-0958L) (PART 1)			
0110	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0111	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,594.000
0112	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.120
0113	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.060
0114	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	360.000
0115	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	120.000

Total 0017		STRUCTURE REPAIR (TRU-80-0958L) (PART 1)		
Section 0018	STRUCTURE REPAIR (TRU-80-1026) (PART 1)			
0116	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0117	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	940.000
0118	203E10000	EXCAVATION (WT: 29)	CY	3.000
0119	203E40000	BORROW (WT: 29)	CY	3.000
0120	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	75.000
0121	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	57.000
0122	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	40.000
0123	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	10.000
0124	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS (WT: NR)	LS	1.000
0125	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS (WT: NR)	LS	1.000
0126	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS (WT: NR)	LS	1.000
0127	530E00200	SPECIAL - STRUCTURES, MISC: STRUCTURAL STEEL CLEANING (WT: NR)	LS	1.000
0128	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	10.000
0129	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	2.000
0130	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	15.000
0131	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0132	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0133	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.100
0134	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.050
0135	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	26.000
0136	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	40.000
Total 0018		STRUCTURE REPAIR (TRU-80-1026) (PART 1)		
Section 0019	STRUCTURE REPAIR (TRU-80-1050) (PART 1)			
0137	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000

0138	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0139	607E15000	FENCE, TYPE 47 (WT: 37)	FT	160.000
0140	659E00300	TOPSOIL (WT: 46)	CY	5.500
0141	659E10000	SEEDING AND MULCHING (WT: 46)	SY	50.000
0142	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	3.000
0143	659E15000	INTER-SEEDING (WT: 46)	SY	3.000
0144	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0145	659E31000	LIME (WT: 46)	ACRE	0.010
0146	659E35000	WATER (WT: 46)	MGAL	0.140
<b>Total 0019      STRUCTURE REPAIR (TRU-80-1050) (PART 1)</b>				
<b>Section</b>	<b>0020</b>	<b>STRUCTURE REPAIR (TRU-80-1084R) (PART 1)</b>		
0147	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0148	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,067.000
0149	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	86.000
0150	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	64.000
0151	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	44.000
0152	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	25.000
0153	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	100.000
0154	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	11.000
0155	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	25.000
0156	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	44.000
<b>Total 0020      STRUCTURE REPAIR (TRU-80-1084R) (PART 1)</b>				
<b>Section</b>	<b>0021</b>	<b>STRUCTURE REPAIR (TRU-80-1085L) (PART 1)</b>		
0157	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0158	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,067.000
0159	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	86.000
0160	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	64.000

0161	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	44.000
0162	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	25.000
0163	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	100.000
0164	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	11.000
0165	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	25.000
0166	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	44.000
<b>Total 0021</b>		<b>STRUCTURE REPAIR (TRU-80-1085L) (PART 1)</b>		
<b>Section</b>	<b>0022</b>	<b>STRUCTURE REPAIR (TRU-80-1185) (PART 1)</b>		
0167	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0168	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	752.000
0169	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	60.000
0170	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	45.000
0171	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	32.000
0172	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	8.000
0173	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS (WT: NR)	LS	1.000
0174	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS (WT: NR)	LS	1.000
0175	530E00200	SPECIAL - STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS (WT: NR)	LS	1.000
0176	530E00200	SPECIAL - STRUCTURES, MISC.: STRUCTURAL STEEL CLEANING (WT: NR)	LS	1.000
0177	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	20.000
0178	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	32.000
<b>Total 0022</b>		<b>STRUCTURE REPAIR (TRU-80-1185) (PART 1)</b>		
<b>Section</b>	<b>0023</b>	<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
0179	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	100.000
0180	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000

0181	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0182	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0183	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	12.000
0184	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0185	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE WAY) (WT: NR)	EACH	8.000
0186	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	8.000
0187	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000
0188	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	7.620
0189	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	7.620
0190	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.580
0191	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	4,350.000
0192	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	4,350.000
0193	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	3,050.000
0194	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	3,050.000
0195	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	50.000
0196	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	50.000
0197	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	84.000
<b>Total 0023 MAINTENANCE OF TRAFFIC (PART 1)</b>				
<b>Section</b>	<b>0024</b>	<b>ROADWAY (PART 2)</b>		
0198	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0199	202E75000	FENCE REMOVED (WT: NR)	FT	100.000
0200	203E10000	EXCAVATION (WT: 29)	CY	2.000
0201	203E20000	EMBANKMENT (WT: 06)	CY	1,396.000
0202	607E15000	FENCE, TYPE 47 (WT: 37)	FT	100.000
<b>Total 0024 ROADWAY (PART 2)</b>				
<b>Section</b>	<b>0025</b>	<b>EROSION CONTROL (PART 2)</b>		
0203	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	42.000

0204	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0205	659E00300	TOPSOIL (WT: 46)	CY	126.000
0206	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	57.000
0207	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.150
0208	659E31000	LIME (WT: 46)	ACRE	0.230
0209	659E35000	WATER (WT: 46)	MGAL	6.000
0210	671E15040	EROSION CONTROL MAT, TYPE E (WT: 46)	SY	1,135.000
0211	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total 0025 EROSION CONTROL (PART 2)</b>				
<b>Section</b>	<b>0026</b>	<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
0212	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0213	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0214	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE-WAY) (WT: NR)	EACH	5.000
0215	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	5.000
0216	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
0217	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.210
0218	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	1,121.000
0219	616E10000	WATER (WT: NR)	MGAL	3.000
0220	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	200.000
<b>Total 0026 MAINTENANCE OF TRAFFIC (PART 2)</b>				
<b>Section</b>	<b>0027</b>	<b>INCIDENTALS (PART 1 AND PART 2)</b>		
0221	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0222	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0223	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0224	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0225	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0226	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0027 INCIDENTALS (PART 1 AND PART 2)</b>				



**Project Number: 210034**

**PID: 108862**

**Vinton**

**CR VAR GR FY21**

**E190(897)**

DBE Goal: 5.0%

Date Set for Completion: 7/31/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

**FOR IMPROVING VARIOUS ROUTES IN ELK, MADISON AND VINTON TOWNSHIPS OF VINTON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING GUARDRAIL AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E38101	GUARDRAIL REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	FT	9,038.000
0002	209E15050	RESHAPING UNDER GUARDRAIL (WT: 06)	MILE	1.640
0003	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	9,053.000
0004	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	15.000
0005	606E17901	GUARDRAIL POST, AS PER PLAN (WT: 36)	EACH	15.000
0006	606E19100	GUARDRAIL POST, MGS LONG POST (WT: 36)	EACH	46.000
0007	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	21.000
0008	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	27.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0009	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0010	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0011	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		

**Project Number: 210035**

**PID: 111622**

**D04**

MAH, TRU

PM FY2021 (East)

Date Set for Completion: 6/30/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF ASHTABULA, MAHONING, AND TRUMBULL COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING EPOXY PAVEMENT MARKINGS ALONG IR-76, IR-80, IR-90, SR-82, AND US-422.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1,584.100
0003	642E00104	EDGE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	125.000
0004	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	361.850
0005	642E00204	LANE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	75.000
0006	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	490.760
0007	642E00300	CENTER LINE, TYPE 1, WORK ORDER (WT: 45)	MILE	35.000
0008	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	77,200.000
0009	642E00400	CHANNELIZING LINE, 8", TYPE 1, WORK ORDER (WT: 45)	FT	3,750.000
0010	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	142,779.000
0011	642E00404	CHANNELIZING LINE, 12", TYPE 1, WORK ORDER (WT: 45)	FT	1,000.000
0012	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	10,815.000
0013	642E00500	STOP LINE, TYPE 1, WORK ORDER (WT: 45)	FT	650.000
0014	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	6,060.000

0015	642E00600	CROSSWALK LINE, TYPE 1, WORK ORDER (WT: 45)	FT	175.000
0016	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	11,484.000
0017	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1, WORK ORDER (WT: 45)	FT	1,250.000
0018	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	3,174.000
0019	642E00900	ISLAND MARKING, TYPE 1, WORK ORDER (WT: 45)	SF	163.000
0020	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	28.000
0021	642E01000	RAILROAD SYMBOL MARKING, TYPE 1, WORK ORDER (WT: 45)	EACH	3.000
0022	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	34.000
0023	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1, WORK ORDER (WT: 45)	EACH	17.000
0024	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	621.000
0025	642E01200	PARKING LOT STALL MARKING, TYPE 1, WORK ORDER (WT: 45)	FT	500.000
0026	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	1,114.000
0027	642E01300	LANE ARROW, TYPE 1, WORK ORDER (WT: 45)	EACH	38.000
0028	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	5.000
0029	642E01312	LANE REDUCTION ARROW, TYPE 1, WORK ORDER (WT: 45)	EACH	5.000
0030	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	104.000
0031	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	126,425.000
0032	642E01510	DOTTED LINE, 6", TYPE 1, WORK ORDER (WT: 45)	FT	1,290.000
0033	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	3.000
0034	642E01702	HANDICAP SYMBOL MARKING, TYPE 1, WORK ORDER (WT: 45)	EACH	3.000
0035	642E30000	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	FT	1,250.000
0036	642E30010	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	SF	250.000
0037	642E30020	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	EACH	12.000
0038	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	16.000

0039	642E50010	PAVEMENT MARKING, MISC., WORK ORDER (WT: 45)	EACH	8.000
0040	646E10010	EDGE LINE, 6", WORK ORDER (WT: 45)	MILE	10.000
0041	646E10110	LANE LINE, 6", WORK ORDER (WT: 45)	MILE	10.000
0042	646E10200	CENTER LINE, WORK ORDER (WT: 45)	MILE	5.000
0043	646E10310	CHANNELIZING LINE, 12", WORK ORDER (WT: 45)	FT	1,000.000
0044	646E10400	STOP LINE, WORK ORDER (WT: 45)	FT	100.000
0045	646E10600	TRANSVERSE/DIAGONAL LINE, WORK ORDER (WT: 45)	FT	150.000
0046	646E20300	LANE ARROW, WORK ORDER (WT: 45)	EACH	10.000
0047	646E20320	WRONG WAY ARROW, WORK ORDER (WT: 45)	EACH	10.000
0048	646E20500	DOTTED LINE, WORK ORDER (WT: 45)	FT	500.000
<b>Total 0002      TRAFFIC CONTROL</b>				
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0049	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
0050	614E13700	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
0051	614E13800	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
<b>Total 0003      MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0054	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0055	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0056	624E15001	MOBILIZATION, AS PER PLAN, WORK ORDER (WT: NR)	EACH	25.000
<b>Total 0004      INCIDENTALS</b>				

**Project Number: 210036**

**PID: 107575**

**D08**

CLE, HAM

Mowing FY2021 (A)

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Date Set for Completion: 4/16/2022

Type: MOWING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BUTLER, CLERMONT, AND HAMILTON COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MOWING VEGETATION ALONG SPECIFIED ROUTES AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	692E10100	SPECIAL - FIRST MOWING (WT: 47)	ACRE	1,950.000
0002	692E20100	SPECIAL - SECOND MOWING (WT: 47)	ACRE	2,431.000
0003	692E30100	SPECIAL - THIRD MOWING (WT: 47)	ACRE	1,950.000
0004	692E30270	SPECIAL - FOURTH MOWING (WT: 47)	ACRE	2,431.000
0005	692E35500	SPECIAL - MOWING, EXTRA (WT: 47)	ACRE	20.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0006	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0007	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0008	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		

**Project Number: 210037**

**PID: 107576**

**D08**

CLI, GRE, MOT

/D07 Mowing FY2021 (B)

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Date Set for Completion: 4/16/2022

Type: MOWING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN CLARK, CLINTON, GREENE, MONTGOMERY, AND WARREN COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS, BY MOWING VEGETATION ALONG THE SPECIFIED ROUTES AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	692E10100	SPECIAL - FIRST MOWING (WT: 47)	ACRE	1,724.000
0002	692E20100	SPECIAL - SECOND MOWING (WT: 47)	ACRE	2,886.000
0003	692E30100	SPECIAL - THIRD MOWING (WT: 47)	ACRE	1,724.000
0004	692E30270	SPECIAL - FOURTH MOWING (WT: 47)	ACRE	2,886.000
0005	692E35500	SPECIAL - MOWING, EXTRA (WT: 47)	ACRE	30.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>INCIDENTALS</b>			
0006	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0007	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0008	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0002</b>	<b>INCIDENTALS</b>			

**Project Number: 210038**

**PID: 110882**

**Geauga**

**SR 87-02.73 Signals**

EDGE Goal: 5%

Date Set for Completion: 4/30/2022

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING THE INTERSECTION OF SR 87 AND SR 306 IN RUSSELL TOWNSHIP, OF GEAUGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING SIGNAL SYSTEM AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0003	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	5.000
0004	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	4.000
0005	630E79501	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN (WT: 42)	EACH	2.000
0006	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	72.000
0007	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	2.000
0008	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	12.000
0009	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	10.000
0010	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0011	644E00500	STOP LINE, 24" (WT: 45)	FT	62.000
0012	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	138.000
0013	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	2.000

Total 0002		TRAFFIC CONTROL		
Section	0003	TRAFFIC SIGNALS		
0014	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	122.000
0015	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 4" (WT: 43)	FT	281.000
0016	625E29000	TRENCH (WT: 43)	FT	61.000
0017	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0018	625E31510	PULL BOX REMOVED (WT: 43)	EACH	10.000
0019	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0020	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	61.000
0021	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK, WITH BACKPLATE (WT: 44)	EACH	4.000
0022	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK, WITH BACKPLATE (WT: 44)	EACH	4.000
0023	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0024	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0025	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0026	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	610.000
0027	632E40900	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	650.000
0028	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000
0029	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	240.000
0030	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	300.000
0031	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0032	632E72131	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN (WT: 44)	EACH	3.000
0033	632E72141	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0034	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0035	633E65523	CABINET, TYPE 332L, AS PER PLAN (WT: 44)	EACH	1.000
0036	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000



0037	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0038	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0039	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0040	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0041	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0042	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0043	809E69200	EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0044	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	4.000
0045	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	730.000
0046	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	1.000
0047	809E69240	PREEMPT CONFIRMATION LIGHT, LED (WT: 44)	EACH	4.000
0100	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
<b>Total 0003</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0050	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0051	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	8.000
0052	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0053	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

Project Number: 210039

PID: 113238

Hamilton

Winton Woods Park

EDGE Goal: 5.0%

Date Set for Completion: 5/25/2021

Type: PARKING AREAS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN WINTON WOODS PARK, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AND OTHER REPAIR OF PARKING LOTS AND DRIVES AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E52990	SPECIAL - PARKING BLOCK REMOVED (WT: NR)	EACH	531.000
0002	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	310.000
0003	608E12000	5" CONCRETE WALK (WT: 38)	SF	1,100.000
0004	608E52000	CURB RAMP, TYPE B2 (WT: 38)	SF	85.000
0005	609E98000	CURB, MISC.: EXTRUDED CONCRETE CURB (WT: 38)	FT	780.000
0006	609E98000	CURB, MISC.: INTEGRAL CONCRETE CURB (WT: 38)	FT	140.000
0007	609E98100	CURB, MISC.: CONCRETE PARKING BLOCK (WT: NR)	EACH	373.000
0008	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	53.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	659E00501	SEEDING AND MULCHING, CLASS 1, AS PER PLAN (WT: 46)	SY	1,535.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0010	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" (WT: 13)	SY	197.000
0011	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1" (WT: 13)	SY	23,451.000

0012	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	118.000
0013	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	185.000
0014	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,767.000
0015	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	988.000
0016	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	4.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0017	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN, COMPOSITE (WT: 42)	FT	140.000
0018	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	28.000
0019	630E86003	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN (WT: 42)	EACH	12.000
0020	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.270
0021	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	220.000
0022	642E00701	TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN 4" (WT: 45)	FT	1,330.000
0023	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	10,690.000
0024	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	4.000
0025	642E01703	HANDICAP SYMBOL MARKING, TYPE 1, AS PER PLAN (WT: 45)	EACH	14.000
0026	644E00500	STOP LINE (WT: 45)	FT	131.000
0027	644E00600	CROSSWALK LINE (WT: 45)	FT	180.000
0028	644E01300	LANE ARROW (WT: 45)	EACH	2.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0029	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0030	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0031	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0032	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210040**  
**PID: 109375**  
**Jackson**  
Jackson Lake Resurfacing

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Date Set for Completion: 5/15/2021  
Type: PARKING AREAS

Plan Cost: N/A

**FOR IMPROVING JACKSON LAKE STATE PARK IN JEFFERSON TOWNSHIP, OF JACKSON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING PAVEMENT AND RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	203E40000	BORROW (WT: 06)	CY	21.000
0002	606E13050	GUARDRAIL, TYPE 5A (WT: 36)	FT	150.000
0003	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	2.000
0004	614E13314	BARRIER REFLECTOR, TYPE 3 BIDIRECTIONAL (WT: NR)	EACH	4.000
0005	631E94490	REMOVAL, MISC.:S.R. 93 N RAILROAD SIGN (WT: NR)	EACH	2.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>PAVEMENT</b>		
0006	202E53000	SPECIAL - PARKING BLOCK REMOVED AND REPLACED (WT: NR)	EACH	10.000
0007	202E53010	SPECIAL - PARKING BLOCK REMOVED AND RESET (WT: NR)	EACH	84.000
0008	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	2,500.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,024.000
0010	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, 1.5" (WT: 10)	CY	256.000
0011	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, (SPOT LEVELING) (WT: 10)	CY	245.000
0012	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	225.000

0013	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	EACH	45.000
<b>Total 0002</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0014	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	2,054.000
0015	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	5.000
0016	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	1.000
0017	642E50010	PAVEMENT MARKING, MISC.: CAMP SITE NUMBERS, 1' STENCILS (WT: 45)	EACH	24.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0018	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0019	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0020	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0021	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210041**  
**PID: 109332**  
**Logan**  
ODNR Indian Lake State Park

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EDGE Goal: 5%  
Date Set for Completion: 6/30/2021  
Type: PARKING AREAS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN STOKES TOWNSHIP, OF LOGAN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE CAMPGROUND LOCATED AT 12774 SR 235 IN INDIAN LAKE STATE PARK, INCLUDING PERFORMING PAVEMENT REPAIRS, STRIPING, AND OTHER ITEMS OF WORK. THIS PROJECT INCLUDES 2 ADDITIVE ALTERNATES: ADDITIVE ALTERNATE 1: TO RESURFACE AND RESTRIPE CAMPING AREA BC. ADDITIVE ALTERNATE 2: TO RESURFACE AND RESTRIPE THE VISITORS' PARKING LOT. BOTH ADDITIVE ALTERNATES INCLUDE SOME PAVEMENT REPAIRS AND OTHER ITEMS OF WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	200.000
0002	202E53010	SPECIAL - PARKING BLOCK REMOVED AND RESET (WT: NR)	EACH	12.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0003	659E00300	TOPSOIL (WT: 46)	CY	15.000
0004	659E10000	SEEDING AND MULCHING (WT: 46)	SY	180.000
0005	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0006	659E35000	WATER (WT: 46)	MGAL	2.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0007	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0008	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	4,120.000
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.25" DEPTH) (WT: 13)	SY	1,058.000
0010	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,189.000

0011		441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (1.25" THICKNESS) (WT: 10)	CY	2,937.000
0012		617E10100	COMPACTED AGGREGATE (WT: 06)	CY	20.000
<b>Total 0004</b>		<b>PAVEMENT</b>			
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>			
0013		630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	96.000
0014		630E80100	SIGN, FLAT SHEET (WT: 42)	SF	16.000
0015		642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.250
0016		642E00300	CENTER LINE, TYPE 1, SINGLE YELLOW SOLID (WT: 45)	MILE	3.100
0017		642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	360.000
0018		642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	984.000
0019		642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	1,532.000
0020		642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	4.000
0021		642E01400	WORD ON PAVEMENT, 72", TYPE 1 (WT: 45)	EACH	2.000
0022		642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	7.000
0023		644E00500	STOP LINE (WT: 45)	FT	300.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>			
<b>Section</b>	<b>0006</b>	<b>ITEMS OF WORK (ADDITIVE ALTERNATE 1: BC CAMPING AREA)</b>			
0024	AA1	202E53010	SPECIAL - PARKING BLOCK REMOVED AND RESET (WT: NR)	EACH	20.000
0025	AA1	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	53.000
0026	AA1	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	745.000
0027	AA1	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	304.000
0028	AA1	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0029	AA1	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	36.000
0030	AA1	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0031	AA1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	405.000
0032	AA1	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	2,895.000
0033	AA1	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	3.000

0034	AA1	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	3.000
0035	AA2	690E98400	SPECIAL - NON-PERFORM ADDITIVE ALTERNATE 1: BC CAMPING AREA (WT: NR)	LS	1.000
Total 0006		ITEMS OF WORK (ADDITIVE ALTERNATE 1: BC CAMPING AREA)			
Section	0007	ITEMS OF WORK (ADDITIVE ALTERNATE 2: VISITOR PARKING)			
0036	AB1	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	57.000
0037	AB1	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	564.000
0038	AB1	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	230.000
0039	AB1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	40.000
0040	AB1	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	2,646.000
0041	AB1	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	3.000
0042	AB2	690E98400	SPECIAL - NON-PERFORM ADDITIVE ALTERNATE 2: VISITOR PARKING (WT: NR)	LS	1.000
Total 0007		ITEMS OF WORK (ADDITIVE ALTERNATE 2: VISITOR PARKING)			
Section	0008	INCIDENTALS			
0043		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0044		614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0045		624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS			



**Project Number: 210042**  
**PID: 109382**  
**Ross**  
Tar Hollow Slips ODNR FY21

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EDGE Goal: 5%

Date Set for Completion: 5/28/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION OF TAR HOLLOW STATE PARK, IN COLERAIN TOWNSHIP, OF ROSS COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A DRILLED SHAFT & PLUG PILE WALL ON 0.03 MILES OF PARK ROAD NO. 10, INCLUDING OTHER RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	203E10000	EXCAVATION (WT: 06)	CY	103.000
0003	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	321.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0004	659E10000	SEEDING AND MULCHING (WT: 46)	SY	287.000
0005	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	14.000
0006	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0007	659E31000	LIME (WT: 46)	ACRE	0.060
0008	659E35000	WATER (WT: 46)	MGAL	1.500
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>	<b>EROSION CONTROL</b>			
<b>Section 0003</b>	<b>PAVEMENT</b>			
0010	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	31.000
0011	304E20000	AGGREGATE BASE (WT: 09)	CY	50.000
0012	407E10000	TACK COAT (WT: 10)	GAL	160.000
0013	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	7.000
0014	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	15.000
<b>Total 0003</b>	<b>PAVEMENT</b>			

<b>Section 0004</b>		<b>TRAFFIC CONTROL</b>			
0015	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	3.000	
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>			
<b>Section 0005</b>		<b>RETAINING WALLS</b>			
0016	507E00400	STEEL PILES, MISC.:W24X131 STEEL BEAM (WT: 28)	FT	1,005.000	
0017	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	640.400	
0018	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	290.000	
0019	524E95000	DRILLED SHAFTS, MISC.:LUG PILE, 36" DIAMETER, UNREINFORCED, AS PER PLAN (WT: 28)	FT	420.000	
<b>Total 0005</b>		<b>RETAINING WALLS</b>			
<b>Section 0006</b>		<b>INCIDENTALS</b>			
0020	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000	
0021	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000	
0022	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000	
0023	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000	
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
<b>Total 0006</b>		<b>INCIDENTALS</b>			

**Project Number: 214000**

**PID: 98638**

**Mercer**

SR 219-12.10

E140(893)

SBE Set-Aside

Date Set for Completion: 9/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BUTLER TOWNSHIP, OF MERCER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING TWIN 72" DIAMETER CULVERT WITH A 10' X 6' PRECAST CONCRETE BOX CULVERT, INCLUDING ALL RELATED ITEMS OF WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	284.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	57.000
0004	202E30200	STEPS REMOVED (WT: NR)	FT	59.000
0005	202E98200	REMOVAL MISC.: HANDRAIL (WT: NR)	FT	21.000
0006	203E10000	EXCAVATION (WT: 06)	CY	210.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	59.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	311.000
0009	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	68.000
0011	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0012	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0013	659E00300	TOPSOIL (WT: 46)	CY	82.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	584.000
0015	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	154.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	37.000

0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0018	659E31000	LIME (WT: 46)	ACRE	0.150
0019	659E35000	WATER (WT: 46)	MGAL	4.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0021	605E31100	AGGREGATE DRAINS (WT: 35)	FT	56.000
0022	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	75.000
0023	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	75.000
0024	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	75.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0025	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	66.000
0026	304E20000	AGGREGATE BASE (WT: 09)	CY	51.000
0027	407E10000	TACK COAT (WT: 10)	GAL	47.000
0028	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	24.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0029	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
0030	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.040
0031	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0032	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0033	616E10000	WATER (WT: NR)	MGAL	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE 20 FOOT SPAN AND UNDER (MER-219-1210)		
0034	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0035	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0036	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0037	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,261.000

0038	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	12.000
0039	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	31.000
0040	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	48.000
0041	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	281.000
0042	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0043	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	12.000
0044	611E95200	10' X 6' CONDUIT, TYPE A, 706.05 (6 FT COVER) (WT: 35)	FT	88.000

**Total 0007      STRUCTURE 20 FOOT SPAN AND UNDER (MER-219-1210)**

<b>Section 0008</b>	<b>INCIDENTALS</b>			
0045	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0046	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0047	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0048	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 217000**

**PID: 113791**

**Jefferson**

**US 22-05.90**

Date Set for Completion: 7/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING JEF-22-14.81 IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY HEAT STRAIGHTENING DAMAGED STRUCTURAL STEEL, REPLACING DAMAGED CROSSFRAMES, REPAIRING THE BOTTOM FLANGE AND PARTIAL PAINTING OF REPAIR AREAS ON BRIDGE NO. JEF-22-0590.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	240.000
0003	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0004	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
<b>Total</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0003</b>	<b>STRUCTURE REPAIR (BRIDGE NO. JEF-22-0590)</b>		
0005	202E11401	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (MAIN MEMBERS) (WT: 24)	LB	369.000
0006	202E11501	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (SECONDARY MEMBERS) (WT: 24)	EACH	8.000
0007	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 24)	LB	95.000
0008	513E10241	STRUCTURAL STEEL MEMBERS, LEVEL 2, AS PER PLAN (WT: 24)	LB	369.000
0009	513E95000	STRUCTURAL STEEL, MISC.:REPAIR OF DAMAGED MAIN MEMBERS (COMPLETE PENETRATION WELDING) (WT: 24)	FT	15.000

0010	513E95000	STRUCTURAL STEEL, MISC.:REPAIR OF DAMAGED SECONDARY MEMBERS (FILLET WELDING) (WT: 24)	FT	16.000
0011	513E95000	STRUCTURAL STEEL, MISC.:TESTING OF EXISTING COMPLETE PENETRATION WELDS TO REMAIN (WT: 24)	FT	17.000
0012	514E20001	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN (THREE COAT) (WT: 26)	SF	165.000
0013	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0014	849E10000	DAMAGE ASSESSMENT (WT: 32)	LS	1.000
0015	849E10500	SURFACE PREPARATION (WT: 32)	LS	1.000
0016	849E10600	REPAIRING DAMAGED MEMBERS BY GRINDING (WT: 32)	HOUR	2.000
0017	849E10700	STRAIGHTENING DAMAGED MEMBERS (WT: 32)	LS	1.000
Total 0003		STRUCTURE REPAIR (BRIDGE NO. JEF-22-0590)		
Section 0004	INCIDENTALS			
0018	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0019	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0020	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 218000

PID: 114299

Hamilton

IR 75-14.60 clearing

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Date Set for Completion: 6/1/2021

Type: LANDSCAPING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF SHARONVILLE AND THE VILLAGES OF EVENDALE AND GLENDALE, WITHIN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING TREES AND BRUSH FROM THE RIGHT OF WAY LIMITS OF AN UPCOMING PROJECT. THE CLEARING AND GRUBBING INCLUDES REMOVING TREES TO WITHIN 1' ABOVE GROUND LEVEL.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0002	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0003	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0004	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	30.000
0005	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0006	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		



# Office of Contracts

## Change of Address Form

Please complete this form and return it to:

**Office of Contracts  
Attn: Customer Service  
P.O. Box 899  
Columbus, Ohio 43216**

### Old Address (For prompt service attach old label here)

Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

### New Address (Print or Type PLEASE)

Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

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(Signature - Name and Title)

(Date)

**To change Prequalified Address, contact the Office of Contracts, Contractor Qualifications Section.**



1.	1885 N. McCullough, Lima, Ohio 45801	419-222-9055
2.	317 East Poe Road, Bowling Green, Ohio 43402	419-353-8131
3.	906 North Clark St., Ashland, Ohio 44805	419-281-0513
4.	2088 S. Arlington Rd., Akron, Ohio 44306	330-786-3100
5.	9600 Jacksontown Road, P.O. Box 306, Jacksontown, Ohio 43030	740-323-4400
6.	400 East Williams St., Delaware, Ohio 43015	740-363-1251
7.	1001 St. Mary's Ave, P.O. Box 969, Sidney, Ohio 45365	937-492-1141
8.	505 South State Rt. 741, Lebanon, Ohio 45036	513-932-3030
9.	650 Eastern Ave., P.O. Box 467, Chillicothe, Ohio 45601	740-773-2691
10.	338 Muskingum Drive, Marietta, Ohio 45750	740-373-0212
11.	2201 Reiser Ave SE, New Philadelphia, Ohio 44663	330-339-6633
12.	5500 Transportation Boulevard, Garfield Heights, Ohio 44125-5396	
	Mail: Box 258003, Garfield Heights, Ohio 44125-8003	216-581-2100

#### Central Office

Office of Contracts, 1980 W. Broad Street, Mail Stop 4110, Columbus, Ohio 43223  
Phone: 800-459-3778 or 614-466-3778  
Fax Number: 614-728-2078