

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
COLUMBUS, OHIO

**PROPOSED HIGHWAY
IMPROVEMENTS FOR CONTRACT
LETTING**

April 15, 2021

This pamphlet is issued solely for the purpose of circulating advance information pertaining to proposed Highway improvements and the Department does not guarantee the correctness of any information printed herein.



See Back Cover for District Information

An Equal Opportunity Employer

Thursday, April 15, 2021

Index of Projects

Project No	PID No.	County	Route/Section	Project Type	Page
Federal					
D 210222	114300	Allen	IR 75-01.00/02.94/04.60	MICROSURFACING	1
D 210223	106804	Ashtabula	Culverts FY2021	CULVERT REPLACEMENT	3
D 210224	109601	Brown	US 68-30.82 Safety	INTERSECTION	8
D 210225	110165	Clark	SR 41-12.04	INTERSECTION	18
D 210226	110422	Clermont	SR 32-08.95	INTERSECTION	22
D 210227	110996	Clinton	US 22-11.75 - Pt. 1 (PART 1 AND PART 2)	MINOR RECONSTRUCTION	30
D 210228	111097	Columbiana	SR 45-01.51	CULVERT REPLACEMENT	45
D 210229	97492	Columbiana	US 30-34.13, COL-SR 7-5.94	BRIDGE REPAIR	49
D 210230	111006	Cuyahoga	SR 175-08.59 Safety	INTERSECTION	55
210231	98225	D05	CS FY2021	CRACK SEALING	59
D 210232	91904	D06	IR SP FY21 Priority	SPOT PATCHING / PAVEMENT REPAIR	60
210233	113424	D09	RWRPM-FY2021	PAVEMENT MARKING	62
210234	100847	D10	Pavement Marking FY2021	PAVEMENT MARKING	64
D 210235	107451	Darke	SR-SR 185/SR 503-00.00/00.00	TWO LANE RESURFACING	66
D 210236	98248	Gallia	CR 71-00.90	BRIDGE REPAIR	69
D 210237	105831	Hamilton	Deer Park Bike/Ped Connector	BIKEWAYS	73
D 210238	104864	Lorain	SR 113-03.75 Baumhart Sfty	INTERSECTION	78
D 210239	101045	Mahoning	/TRU MCRO FY2022	MICROSURFACING	84
D 210240	107070	Medina	SR-SR 3-09.04	INTERSECTION	86
D 210241	12056	Pike	SR 335-21.26	BRIDGE REPAIR	91
D 210242	107136	Preble	Spring St Bridge Replacement	BRIDGE REPAIR	95
D 210243	97424	Seneca	SR 19/SR 101-09.96/11.82/10.15 Stru (PART 1 AND PART 2)	CULVERT REPLACEMENT	98
D 210244	100471	Stark	SR 241-09.71	MINOR RECONSTRUCTION	103
D 210245	111645	Stark	/TRU-TSG FY2021	SIGNALIZATION	116
D 210246	111008	Trumbull	SR 46-06.50	INTERSECTION	118
D 210247	113596	Warren	CR 19-02.67 S. Dixie Hwy	TWO LANE RESURFACING	122

Thursday, April 15, 2021

Index of Projects

	Project No	PID No.	County	Route/Section	Project Type	Page
D	210248	111500	Wayne	SR 302-01.86	TWO LANE RESURFACING	125
D	210249	99575	Williams	SR-SR 576-16.55 Resrf/Brg (PART 1 AND PART 2)	TWO LANE RESURFACING	130
S	214009	105821	Geauga	US 422-14.90 Culvert	CULVERT REPLACEMENT	165
	217003	108257	Jefferson	CR 53 7.450	SLIDE REPAIR	169
State						
E	210250	103162	Cuyahoga	BH FY2021(A) Misc (PART 1 AND PART 2)	BRIDGE REPAIR	136
E	210251	114147	D06	ITS Maint FY 2021	SIGNALIZATION	147
	210252	103265	D07	PPM FY21	PAVEMENT MARKING	150
	210253	101354	D11	DS-FY2021	BRIDGE REPAIR	152
E	210254	100654	D11	SP FY2021	SPOT PATCHING / PAVEMENT REPAIR	154
E	210255	103303	D12	PPM FY2021	SPOT PATCHING / PAVEMENT REPAIR	156
	210256	112690	Harrison	CR 5-04.78	TWO LANE RESURFACING	161
	210257	114029	Richland	US 30-16.42	BRIDGE REPAIR	163
E	218003	111514	Franklin	Landscape Maintenance FY21	LANDSCAPING	171

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: 210222

PID: 114300

Allen

IR 75-01.00/02.94/04.60

E210(095)

DBE Goal: 5.0%

Date Set for Completion: 8/31/2021

Type: MICROSURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF LIMA, TOWNSHIPS OF SHAWNEE AND PERRY, IN ALLEN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MICROSURFACING SECTIONS OF THE ROADWAY, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	PAVEMENT		
0002	421E10011	MICROSURFACING, SURFACE COURSE, AS PER PLAN (WT: 11)	SY	77,956.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0003	621E00100	RPM (WT: 41)	EACH	199.000
0004	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	199.000
0005	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	6.040
0006	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	3.020
0007	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	1,200.000
0008	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	9.060
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0009	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0010	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0011	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	4.000

0012	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	4.000
0013	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0014	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
0015	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	17.000

Total 0004 MAINTENANCE OF TRAFFIC

Section	0005	INCIDENTALS		
0016	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0017	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0018	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210223

PID: 106804

Ashtabula

Culverts FY2021

E201(114)

DBE Goal: 8.0%

Date Set for Completion: 10/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE TOWNSHIPS OF AUSTINBURG, CHERRY VALLEY, LENOX, RICHMOND AND WILLIAMSFIELD TOWNSHIPS, OF THE COUNTY OF ASHTABULA, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AND REPLACING A SET OF TWIN 42-INCH CULVERT PIPES AND FOUR EXISTING CONCRETE BOX CULVERTS (SPANS RANGE 6 FT - 8 FT) WITH FIVE NEW 8-FT SPAN, 4-SIDED BOX CULVERTS. WORK ALSO INCLUDES REPLACING AN EXISTING 36-INCH CULVERT PIPE WITH A NEW 42-INCH PIPE (EITHER PREAST CONCRETE OR CORRUGATE STEEL). ALSO PERFORM OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (ATB-45-1769) (WT: 01)	LS	1.000
0002	201E11000	CLEARING AND GRUBBING (ATB-46-1106) (WT: 01)	LS	1.000
0003	201E11000	CLEARING AND GRUBBING (ATB-46-1192) (WT: 01)	LS	1.000
0004	201E11000	CLEARING AND GRUBBING (ATB-6-1723) (WT: 01)	LS	1.000
0005	201E11000	CLEARING AND GRUBBING (ATB-6-2804) (WT: 01)	LS	1.000
0006	201E11000	CLEARING AND GRUBBING (ATB-7-0090) (WT: 01)	LS	1.000
0007	202E11000	STRUCTURE REMOVED (ATB-46-1106) (WT: 19)	LS	1.000
0008	202E11000	STRUCTURE REMOVED (ATB-46-1192) (WT: 19)	LS	1.000
0009	202E11000	STRUCTURE REMOVED (ATB-6-2804) (WT: 19)	LS	1.000
0010	202E11000	STRUCTURE REMOVED (ATB-7-0090) (WT: 19)	LS	1.000
0011	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,042.000
0012	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	118.000

0013	202E35201	PIPE REMOVED, OVER 24", AS PER PLAN (WT: NR)	FT	80.000
0014	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	3,298.000
0015	202E75000	FENCE REMOVED (WT: NR)	FT	86.000
0016	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0017	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	5.000
0018	203E10000	EXCAVATION (WT: 06)	CY	346.000
0019	203E20000	EMBANKMENT (WT: 06)	CY	996.000
0020	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	50.000
0021	203E35120	GRANULAR MATERIAL, TYPE C, 703.16 (WT: 06)	CY	186.000
0022	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,084.000
0023	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	370.000
0024	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	2,350.000
0025	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	400.000
0026	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	19.000
0027	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0028	601E10000	RIPRAP (WT: 35)	SY	12.000
0029	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	19.000
0030	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	121.000
0031	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0032	659E00300	TOPSOIL (WT: 46)	CY	872.000
0033	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,854.000
0034	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	393.000
0035	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.060
0036	659E31000	LIME (WT: 46)	ACRE	1.620
0037	659E35000	WATER (WT: 46)	MGAL	41.000
0038	832E30000	EROSION CONTROL (WT: 08)	EACH	16,500.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0039	602E20000	CONCRETE MASONRY (WT: 35)	CY	10.800

0040	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	20.000
0041	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	20.000
0042	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0043	611E19200	42" CONDUIT, TYPE A, 707.01 OR 707.02 METALLIC COATED (ALUMINIZED), 706.02 OR 707.33 (WT: 35)	FT	118.000
0044	611E94800	8' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	90.000
0045	611E94900	8' X 5' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	98.000
0046	611E94910	8' X 6' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	41.000
0047	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0048	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0049	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0050	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0051	611E99720	INSPECTION WELL (WT: 35)	EACH	1.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0052	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, T=3" (WT: 13)	SY	3,054.000
0053	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	328.000
0054	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	362.000
0055	304E20000	AGGREGATE BASE (WT: 09)	CY	181.000
0056	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	516.000
0057	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	170.000
0058	411E10000	STABILIZED CRUSHED AGGREGATE (WT: 09)	CY	200.000
0059	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	258.000
0060	617E10101	COMPACTED AGGREGATE, AS PER PLAN, PG64-22 (WT: 06)	CY	25.000

Total 0004 PAVEMENT

Section	0005	TRAFFIC CONTROL		
0061	621E00100	RPM (WT: 41)	EACH	21.000
0062	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	55.000
0063	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	12.000

0064	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	90.000
0065	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.440
0066	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.240
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0067	614E12420	DETOUR SIGNING (ATB-45-1769) (WT: 39)	LS	1.000
0068	614E12420	DETOUR SIGNING (ATB-46-1106) (WT: 39)	LS	1.000
0069	614E12420	DETOUR SIGNING (ATB-46-1192) (WT: 39)	LS	1.000
0070	614E12420	DETOUR SIGNING (ATB-6-1723) (WT: 39)	LS	1.000
0071	614E12420	DETOUR SIGNING (ATB-6-2804) (WT: 39)	LS	1.000
0072	614E12420	DETOUR SIGNING (ATB-7-0090) (WT: 39)	LS	1.000
0073	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	50.000
0074	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	RETAINING WALLS			
0075	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-45-1769) (WT: 35)	LS	1.000
0076	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-46-1106) (WT: 35)	LS	1.000
0077	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-46-1192) (WT: 35)	LS	1.000
0078	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-6-1723) (WT: 35)	LS	1.000
0079	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-6-2804) (WT: 35)	LS	1.000
0080	503E11100	COFFERDAMS AND EXCAVATION BRACING (ATB-7-0090) (WT: 35)	LS	1.000
0081	503E21300	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) (ATB-46-1106) (WT: 35)	LS	1.000
0082	503E21300	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) (ATB-46-1192) (WT: 35)	LS	1.000
0083	503E21300	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) (ATB-6-2804) (WT: 35)	LS	1.000
0084	503E21300	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) (ATB-7-0090) (WT: 35)	LS	1.000
0085	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	14,098.000
0086	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	48.000

0087	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	120.000
0088	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	7.000
0089	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	221.000
0090	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	361.000
0091	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	290.000
0092	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	114.000
0093	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (ATB-46-1106) (WT: 35)	LS	1.000
0094	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (ATB-46-1192) (WT: 35)	LS	1.000
0095	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (ATB-6-2804) (WT: 35)	LS	1.000
0096	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (ATB-7-0090) (WT: 35)	LS	1.000

Total 0007 RETAINING WALLS

Section	0008	INCIDENTALS		
0097	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0098	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0099	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	9.000
0100	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0101	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 210224

PID: 109601

Brown

US 68-30.82 Safety

E190(833)

DBE Goal: 8.0%

Date Set for Completion: 10/16/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF MOUNT ORAB, BROWN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A ROUNDABOUT, RESURFACING ROADWAY, TRAFFIC SIGNAL AND LIGHTING IMPROVEMENTS, EXTENDING A CULVERT AND OTHER DRAINAGE WORK, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	19.000
0003	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	552.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	268.000
0005	203E10000	EXCAVATION (WT: 06)	CY	1,176.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	2,316.000
0007	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	176.000
0008	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0009	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	1.000
0010	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,446.000
0011	608E52000	CURB RAMP (WT: 38)	SF	346.000
0012	608E53020	DETECTABLE WARNING (WT: 38)	SF	66.000
0013	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	903.000
0014	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	638.000
0015	609E18000	COMBINATION CURB AND GUTTER, TYPE 3 (WT: 38)	FT	325.000
0016	609E26000	CURB, TYPE 6 (WT: 38)	FT	636.000
0017	609E28000	CURB, TYPE 7 (WT: 38)	FT	110.000

0018	625E31506	PULL BOX REMOVED AND REPLACED (WT: 43)	EACH	2.000
0019	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0020	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0021	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0022	659E00300	TOPSOIL (WT: 46)	CY	524.000
0023	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,501.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	177.000
0025	659E15000	INTER-SEEDING (WT: 46)	SY	177.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.510
0027	659E31000	LIME (WT: 46)	ACRE	0.740
0028	659E35000	WATER (WT: 46)	MGAL	19.600
0029	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,198.000
0030	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0031	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0032	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0033	832E30000	EROSION CONTROL (WT: 08)	EACH	20,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0034	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0035	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	10.000
0036	605E05100	4" SHALLOW PIPE UNDERDRAINS, 30" DEPTH (WT: 35)	FT	1,081.000
0037	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	120.000
0038	605E06000	4" BASE PIPE UNDERDRAINS, 18" DEPTH (WT: 35)	FT	668.000
0039	605E06000	4" BASE PIPE UNDERDRAINS, 30" DEPTH (WT: 35)	FT	592.000
0040	605E31100	AGGREGATE DRAINS (WT: 35)	FT	80.000
0041	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	160.000
0042	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	35.000
0043	611E04400	12" CONDUIT, TYPE B707.42 (WT: 35)	FT	28.000

0044	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	3.000
0045	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0046	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0047	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000

Total 0003 DRAINAGE

Section 0004 PAVEMENT

0048	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,897.000
0049	204E13000	EXCAVATION OF SUBGRADE, 12" AS PER PLAN (WT: 06)	CY	1,113.000
0050	204E30020	GRANULAR MATERIAL, TYPE C, 12" (WT: 06)	CY	1,113.000
0051	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.400
0052	204E50000	GEOTEXTILE FABRIC, 712.09, TYPE D (WT: 06)	SY	3,254.000
0053	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	818.000
0054	253E01000	PAVEMENT REPAIR (WT: 16)	SY	16.000
0055	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	327.000
0056	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	474.000
0057	304E20000	AGGREGATE BASE (WT: 09)	CY	377.000
0058	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	976.000
0059	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	148.000
0060	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	52.000
0061	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	316.000
0062	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	115.000
0063	452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	324.000
0064	452E10011	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	422.000
0065	452E12011	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	385.000

Total 0004 PAVEMENT

Section 0005 LIGHTING

0066	625E10490	LIGHT POLE, CONVENTIONAL, AT-C TRANSFORMER BASE (WT: 43)	EACH	7.000
------	-----------	---	------	-------

0067	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	1.000
0068	625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	EACH	7.000
0069	625E14501	LIGHT POLE FOUNDATION, AS PER PLAN (WT: 43)	EACH	1.000
0070	625E14600	LIGHT POLE FOUNDATION, MISC.: REUSE FOUNDATION (WT: 43)	EACH	2.000
0071	625E17960	BRACKET ARM, 8' (WT: 43)	EACH	7.000
0072	625E23306	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	4,636.000
0073	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,128.000
0074	625E25100	CONDUIT, 1", 725.04 (WT: 43)	FT	194.000
0075	625E25101	CONDUIT, 1", 725.04, AS PER PLAN (WT: 43)	FT	39.000
0076	625E25104	CONDUIT, 1", 725.051 (WT: 43)	FT	1,152.000
0077	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), TYPE III, 214 W, 240V (WT: 43)	EACH	8.000
0078	625E30500	PULL BOX, 725.06, SIZE 1.5 (WT: 43)	EACH	1.000
0079	625E32000	GROUND ROD (WT: 43)	EACH	11.000
0080	625E34000	POWER SERVICE (WT: 43)	EACH	1.000
0081	625E40004	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	EACH	2.000
0082	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	6.000
0083	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	2.000

Total 0005 LIGHTING

Section 0006		LIGHTING ALTERNATES		
0084	AA1	625E10481	LIGHT POLE, DECORATIVE, AS PER PLAN, ALTERNATE 1: STERNBERG 45-10-T4-3-.188- BKT (WT: 43)	EACH 4.000
0085	AA1	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN, ALTERNATE 1: STERNBERG A850-VCOB- 4L30TA-MDL03 (WT: 43)	EACH 4.000
0086	AA2	625E10481	LIGHT POLE, DECORATIVE, AS PER PLAN, ALTERNATE 2: HADCO P1521-10-A (WT: 43)	EACH 4.000
0087	AA2	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN, ALTERNATE 2: HADCO RL34-BANA-1AWNNN (WT: 43)	EACH 4.000
0088	AA3	625E10481	LIGHT POLE, DECORATIVE, AS PER PLAN, ALTERNATE 3: AVPL-LR4S-10 (WT: 43)	EACH 4.000

0089	AA3	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN, ALTERNATE 3: AVPL-AL-58-3000-120-CPA-B- 30-BLA (WT: 43)	EACH	4.000
------	-----	-----------	---	------	-------

Total 0006 LIGHTING ALTERNATES

Section	0007	TRAFFIC CONTROL		
0090	621E00100	RPM (WT: 41)	EACH	107.000
0091	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	50.000
0092	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	12.000
0093	626E00112	BARRIER REFLECTOR, TYPE 3, ONE-WAY (WT: NR)	EACH	5.000
0094	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	430.000
0095	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	14.000
0096	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	12.000
0097	630E72540	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12 (WT: 42)	EACH	2.000
0098	630E72550	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13 (WT: 42)	EACH	1.000
0099	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	26.000
0100	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	3.000
0101	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	429.000
0102	630E80510	SIGN, STREET NAME (WT: 42)	EACH	5.000
0103	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	3.000
0104	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	25.000
0105	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0106	630E86006	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE (WT: NR)	EACH	22.000
0107	630E87510	REMOVAL OF POLE MOUNTED SIGN AND STORAGE (WT: NR)	EACH	4.000
0108	644E00104	EDGE LINE, 6", WHITE (WT: 45)	MILE	0.509
0109	644E00104	EDGE LINE, 6", YELLOW (WT: 45)	MILE	0.217
0110	644E00204	LANE LINE, 6", WHITE (WT: 45)	MILE	0.096
0111	644E00300	CENTER LINE, 4", DOUBLE YELLOW (WT: 45)	MILE	0.310
0112	644E00400	CHANNELIZING LINE, 8", WHITE (WT: 45)	FT	2,629.000
0113	644E00500	STOP LINE, 24 (WT: 45)	FT	135.000

0114	644E00600	CROSSWALK LINE, 12 (WT: 45)	FT	148.000
0115	644E00700	TRANSVERSE/DIAGONAL LINE, 24", WHITE (WT: 45)	FT	15.000
0116	644E00720	CHEVRON MARKING, 24", YELLOW (WT: 45)	FT	42.000
0117	644E01300	LANE ARROW (WT: 45)	EACH	40.000
0118	644E01514	DOTTED LINE, 8", WHITE (WT: 45)	FT	374.000
0119	644E20800	YIELD LINE, 24 (WT: 45)	FT	58.000
0120	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	5,870.000
0121	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	16.000
0122	646E10010	EDGE LINE, 6", WHITE (WT: 45)	MILE	0.050
0123	646E10200	CENTER LINE, 4", DOUBLE YELLOW (WT: 45)	MILE	0.025
0124	646E10300	CHANNELIZING LINE, 8", WHITE (WT: 45)	FT	130.000

Total 0007 TRAFFIC CONTROL

Section	0008	TRAFFIC SIGNALS		
0125	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	19.000
0126	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	5.000
0127	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	1.000
0128	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	180.000
0129	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	122.000
0130	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	12.000
0131	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 4 (WT: 43)	FT	321.000
0132	625E29000	TRENCH (WT: 43)	FT	255.000
0133	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0134	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0135	625E31510	PULL BOX REMOVED (WT: 43)	EACH	8.000
0136	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	255.000
0137	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK, WITH BACKPLATE (WT: 44)	EACH	9.000
0138	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK, WITH BACKPLATE (WT: 44)	EACH	2.000
0139	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	2.000

0140	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	11.000
0141	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	2.000
0142	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0143	632E30980	SIGNAL CABLE, 3 CONDUCTOR, NO. 10 AWG (WT: 44)	FT	40.000
0144	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	520.000
0145	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	930.000
0146	632E62820	INTERCONNECT, MISC.: LONG RANGE REPEATER, SOLAR POWERED, AS PER PLAN (WT: 44)	EACH	1.000
0147	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	2.000
0148	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	2.000
0149	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	70.000
0150	632E69700	SERVICE CABLE, 3 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	30.000
0151	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0152	632E72151	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN (WT: 44)	EACH	2.000
0153	632E77233	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	1.000
0154	632E79151	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.22, DESIGN 14, AS PER PLAN (WT: 44)	EACH	1.000
0155	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0156	632E90104	REUSE OF TRAFFIC CONTROL ITEM: PREEMPTION PHASE SELECTOR, AS PER PLAN (WT: 44)	EACH	1.000
0157	632E90104	REUSE OF TRAFFIC CONTROL ITEM: PREEMPTION RECEIVING UNIT, AS PER PLAN (WT: 44)	EACH	3.000
0158	632E90104	REUSE OF TRAFFIC CONTROL ITEM: PREEMPTION, AS PER PLAN (WT: 44)	EACH	1.000
0159	632E90104	REUSE OF TRAFFIC CONTROL ITEM: PTZ CAMERA, AS PER PLAN (WT: 44)	EACH	1.000
0160	632E90104	REUSE OF TRAFFIC CONTROL ITEM: STOP- LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000

0161	632E90104	REUSE OF TRAFFIC CONTROL ITEM: UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0162	632E90206	REUSE OF SIGNAL SUPPORT (WT: 44)	EACH	1.000
0163	632E90213	REUSE OF CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0164	632E90400	SIGNALIZATION, MISC.: 2" WEATHERHEAD, AS PER PLAN (WT: 44)	EACH	2.000
0165	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0166	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0167	633E72001	TRAINING, AS PER PLAN (WT: 44)	LS	1.000
0168	633E99000	CONTROLLER ITEM, MISC.: TWO-WAY RADIO, AS PER PLAN (WT: 44)	EACH	1.000
0169	809E65990	ITS DEVICE, MISC.: PREEMPTION PHASE SELECTOR, AS PER PLAN (QUEUE) (WT: 44)	EACH	1.000
0170	809E65990	ITS DEVICE, MISC.: PREEMPTION RECEIVING UNIT, AS PER PLAN (QUEUE) (WT: 44)	EACH	2.000
0171	809E65990	ITS DEVICE, MISC.: PREEMPTION, AS PER PLAN (WT: 44)	EACH	1.000
0172	809E65990	ITS DEVICE, MISC.: PREEMPTION, AS PER PLAN (QUEUE) (WT: 44)	EACH	1.000
0173	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0174	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	1.000
0175	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	710.000
0176	809E69240	PREEMPT CONFIRMATION LIGHT, LED (WT: 44)	EACH	1.000

Total 0008 TRAFFIC SIGNALS

Section	0009	MAINTENANCE OF TRAFFIC		
0177	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	150.000
0178	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	150.000
0179	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	120.000
0180	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	180.000
0181	614E18002	MAINTAINING TRAFFIC, MISC.:PORTABLE TRAFFIC SIGNALS (WT: 39)	LS	1.000
0182	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	18.000
0183	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.570

0184	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.140
0185	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	1.170
0186	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.130
0187	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	1,815.000
0188	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	144.000
0189	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	30.000
0190	614E30400	WORK ZONE ARROW, CLASS I, 740.06, TYPE I (WT: 39)	EACH	1.000
0191	614E32700	WORK ZONE ISLAND MARKING, CLASS I (WT: 39)	SF	960.000
0192	616E10000	WATER (WT: NR)	MGAL	24.000

Total 0009 MAINTENANCE OF TRAFFIC

Section	0010	STRUCTURE OVER 20 FOOT SPAN		
0193	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
0194	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0195	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0196	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	2,802.000
0197	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	EACH	24.000
0198	511E46001	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 35)	SY	50.000
0199	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	53.000
0200	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	54.000
0201	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	242.000
0202	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	22.000
0203	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	34.000
0204	611E71000	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE ARCH SECTIONS (36' SPAN X 11' RISE) (WT: 35)	FT	42.000

Total 0010 STRUCTURE OVER 20 FOOT SPAN

Section	0011	INCIDENTALS		
---------	------	-------------	--	--

0205	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0206	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0207	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0208	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	7.000
0209	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0210	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0011 INCIDENTALS

Project Number: 210225

PID: 110165

Clark

SR 41-12.04

E190(554)

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN SPRINGFIELD TOWNSHIP, OF CLARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING THE PAVEMENT, UPGRADING TRAFFIC SIGNALS, IMPROVING DRAINAGE, AND RESURFACE THE INTERSECTION OF SR 41 AND RIDGE/TITUS ROADS, INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
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	903.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	88.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	60.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	10.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	75.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0009	203E10000	EXCAVATION (WT: 06)	CY	408.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	206.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,334.000
0012	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	44.000
0013	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	44.000
0014	204E45000	PROOF ROLLING (WT: NR)	HOUR	4.000
0015	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	133.000
0016	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	275.000
0017	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	3.000
0018	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	4.000
Total	0001	ROADWAY		

Section 0002		EROSION CONTROL		
0019	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0020	659E00300	TOPSOIL (WT: 46)	CY	1,227.000
0021	659E10000	SEEDING AND MULCHING (WT: 46)	SY	11,057.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	553.000
0023	659E15000	INTER-SEEDING (WT: 46)	SY	553.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.500
0025	659E31000	LIME (WT: 46)	ACRE	2.280
0026	659E35000	WATER (WT: 46)	MGAL	61.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0002		EROSION CONTROL		
Section 0003		DRAINAGE		
0028	602E20000	CONCRETE MASONRY (WT: 35)	CY	18.700
0029	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	270.000
0030	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	609.000
0031	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	68.000
0032	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	18.000
0033	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	55.000
0034	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	5.000
0035	611E19600	42" CONDUIT, TYPE C (WT: 35)	FT	5.000
0036	611E53400	58" X 91" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	5.000
0037	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0038	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0039	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	3.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0040	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,139.000
0041	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=3") (WT: 13)	SY	2,291.000
0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	303.000
0043	304E20000	AGGREGATE BASE (WT: 09)	CY	229.000
0044	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	145.000
0045	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	126.000

0046	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	472.000
0047	609E26000	CURB, TYPE 6 (WT: 38)	FT	100.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0048	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	39.200
0049	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	43.200
0050	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	4.000
0051	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	75.000
0052	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0053	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.180
0054	644E00300	CENTER LINE (WT: 45)	MILE	0.060
0055	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	515.000
0056	644E00500	STOP LINE (WT: 45)	FT	83.000
0057	644E01300	LANE ARROW (WT: 45)	EACH	8.000
Total 0005		TRAFFIC CONTROL		
Section 0006	TRAFFIC SIGNALS			
0058	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	70.000
0059	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	130.000
0060	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	207.000
0061	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	12.000
0062	625E29000	TRENCH (WT: 43)	FT	349.000
0063	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	6.000
0064	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0065	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0066	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	6.000
0067	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	2.000
0068	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0069	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,125.000
0070	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	2.000

0071	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	135.000
0072	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0073	632E71372	SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 13 AND DESIGN 13 (WT: 44)	EACH	2.000
0074	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0075	632E90400	SIGNALIZATION, MISC.: FOUNDATION TEST HOLE (WT: 44)	EACH	2.000
0076	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0077	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0078	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0079	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0080	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0081	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0082	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
Total 0006		TRAFFIC SIGNALS		
Section 0007	MAINTENANCE OF TRAFFIC			
0083	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0084	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.450
0085	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.550
0086	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	1,144.000
0087	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	250.000
0088	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	7.000
0089	614E40050	BUSINESS ENTRANCE SIGN (WT: 39)	EACH	2.000
0090	616E10000	WATER (WT: NR)	MGAL	1.230
Total 0007		MAINTENANCE OF TRAFFIC		
Section 0008	INCIDENTALS			
0091	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0092	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0093	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000
0094	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0095	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210226

PID: 110422

Clermont

SR 32-08.95

E191(434)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING A SECTION IN CLERMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONVERTING AN EXISTING INTERSECTION TO A SIGNALIZED R-CUT DESIGN AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	8,412.000
0002	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	193.000
0003	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	99.000
0004	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0005	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 15" (WT: NR)	FT	149.000
0006	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 18" (WT: NR)	FT	155.000
0007	203E10000	EXCAVATION (WT: 06)	CY	7,634.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	4,488.000
0009	204E45000	PROOF ROLLING (WT: NR)	HOUR	9.000
0010	206E10010	LIME STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	20,042.000
0011	206E10300	LIME (WT: 07)	TON	439.000
0012	206E11000	CURING COAT (WT: 07)	SY	18,570.000
0013	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0014	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	475.000
0015	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	200.000
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	6.000

0017	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	6.000
0018	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	2.000
0019	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000

Total 0001 ROADWAY

Section	0002	EROSION CONTROL		
0020	601E11000	RIPRAP, TYPE D (WT: 35)	SY	4.000
0021	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	18.000
0022	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	3.000
0023	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	3.000
0024	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0025	659E00300	TOPSOIL (WT: 46)	CY	2,389.000
0026	659E10000	SEEDING AND MULCHING (WT: 46)	SY	20,054.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,003.000
0028	659E15000	INTER-SEEDING (WT: 46)	SY	1,003.000
0029	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.710
0030	659E31000	LIME (WT: 46)	ACRE	4.140
0031	659E35000	WATER (WT: 46)	MGAL	111.000
0032	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,457.000
0033	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	1,575.000
0034	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	21.000
0035	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0036	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0037	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0038	832E30000	EROSION CONTROL (WT: 08)	EACH	55,000.000
0039	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	223.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0040	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.200
0041	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	9,435.000
0042	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	615.000

0043	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	5,563.000
0044	605E31100	AGGREGATE DRAINS (WT: 35)	FT	100.000
0045	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	411.000
0046	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	295.000
0047	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	100.000
0048	611E02500	8" CONDUIT, TYPE E (WT: 35)	FT	100.000
0049	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	100.000
0050	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	175.000
0051	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	192.000
0052	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	175.000
0053	611E06100	15" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	171.000
0054	611E52302	19" X 30" CONDUIT, TYPE B, 706.04 (WT: 35)	FT	175.000
0055	611E96600	CONDUIT, BORED OR JACKED: 15" TYPE B, 748.06 (WT: 51)	FT	93.000
0056	611E96600	CONDUIT, BORED OR JACKED: 18" TYPE B, 748.06 (WT: 51)	FT	94.000
0057	611E96600	CONDUIT, BORED OR JACKED: 21" TYPE B, 748.06 (WT: 51)	FT	115.000
0058	611E96600	CONDUIT, BORED OR JACKED: 24" TYPE B, 748.06 (WT: 51)	FT	104.000
0059	611E96600	CONDUIT, BORED OR JACKED: 27" TYPE B, 748.06 (WT: 51)	FT	112.000
0060	611E96600	CONDUIT, BORED OR JACKED: 30" TYPE A, 748.06 (WT: 51)	FT	151.000
0061	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	1.000
0062	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0063	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	2.000
0064	611E98434	CATCH BASIN, NO. 8A (WT: 35)	EACH	2.000
0065	611E98840	INLET, NO. 2-A-6 (WT: 35)	EACH	2.000
0066	611E98850	INLET, NO. 2-A-8 (WT: 35)	EACH	1.000
0067	611E98860	INLET, NO. 2-A-10 (WT: 35)	EACH	2.000
0068	611E98880	INLET, NO. 2-A-14 (WT: 35)	EACH	1.000
0069	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	21.000

Total 0003 DRAINAGE

Section 0004	PAVEMENT			
0070	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	7,468.000
0071	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	430.000

0072	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1"-3") (WT: 13)	SY	32,982.000
0073	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	3,295.000
0074	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	4,350.000
0075	304E20000	AGGREGATE BASE (WT: 09)	CY	2,976.000
0076	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,760.000
0077	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	2,025.000
0078	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	2,398.000
0079	609E24511	CURB, TYPE 4-C, AS PER PLAN (WT: 38)	FT	1,937.000
0080	609E50000	4" CONCRETE TRAFFIC ISLAND (WT: 38)	SY	206.000
0081	609E70000	4" CONCRETE MEDIAN (WT: 38)	SY	1,673.000
0082	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	10,680.000

Total 0004 PAVEMENT

Section 0005 WATER WORK

0083	638E01300	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS (WT: 35)	FT	30.000
------	-----------	--	----	--------

Total 0005 WATER WORK

Section 0006 TRAFFIC CONTROL

0084	621E00100	RPM (WT: 41)	EACH	254.000
0085	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0086	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	22.000
0087	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	11.500
0088	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	677.600
0089	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	FT	48.200
0090	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	157.000
0091	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	13.000
0092	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	2.000
0093	630E74500	OVERHEAD SIGN SUPPORT, MISC.: INSTALLATION OF ODOT SUPPLIED OVERHEAD SIGN SUPPORT (WT: 42)	EACH	4.000
0094	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	397.000

0095	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	120.000
0096	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	1,480.000
0097	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0098	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	6.000
0099	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	40.000
0100	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0101	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	48.000
0102	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0103	630E86272	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0104	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0105	631E94470	REMOVAL OF SIGN SERVICE (WT: NR)	EACH	2.000
0106	644E00104	EDGE LINE, 6" (WT: 45)	MILE	3.610
0107	644E00204	LANE LINE, 6" (WT: 45)	MILE	1.840
0108	644E00300	CENTER LINE (WT: 45)	MILE	0.250
0109	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	5,614.000
0110	644E00500	STOP LINE (WT: 45)	FT	351.000
0111	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	444.000
0112	644E00720	CHEVRON MARKING (WT: 45)	FT	564.000
0113	644E01300	LANE ARROW, 72" (WT: 45)	EACH	49.000
0114	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	4.000
0115	644E01510	DOTTED LINE, 6" (WT: 45)	FT	602.000
0116	644E50100	PAVEMENT MARKING, MISC.: U-TURN (WT: 45)	EACH	23.000

Total 0006 TRAFFIC CONTROL

Section	0007	TRAFFIC SIGNALS		
0117	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	6.000
0118	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	6.000
0119	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	6.000
0120	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	695.000

0121	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	372.000
0122	625E25506	CONDUIT, 3", 725.052 (WT: 43)	FT	587.000
0123	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	990.000
0124	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (INCLUDE WITH PHOTOELECTRIC CONTROL) (WT: 43)	EACH	6.000
0125	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	227.000
0126	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	7.000
0127	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	12.000
0128	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	4.000
0129	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	10.000
0130	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	81.000
0131	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WITH BACKPLATE) (WT: 44)	EACH	30.000
0132	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	30.000
0133	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,960.000
0134	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	6.000
0135	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0136	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	162.000
0137	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	162.000
0138	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	600.000
0139	632E78389	COMBINATION SIGNAL SUPPORT, TYPE TC- 12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 14 AND DESIGN 12, AS PER PLAN (WITH LIGHT POLE EXTENSION) (WT: 44)	EACH	2.000
0140	632E79141	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.22, DESIGN 13, AS PER PLAN (WITH LIGHT POLE EXTENSION) (WT: 44)	EACH	1.000
0141	632E79151	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.22, DESIGN 14, AS PER PLAN (WITH LIGHT POLE EXTENSION) (WT: 44)	EACH	3.000
0142	632E90000	PEDESTAL, 11', TRANSFORMER BASE (WT: 44)	EACH	2.000

0143	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0144	633E65520	CABINET, TYPE 332 (WT: 44)	EACH	4.000
0145	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0146	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	4.000
0147	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	4.000
0148	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0149	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	8.000
0150	809E69122	ATC V6.24 CONTROLLER (WT: 44)	EACH	4.000
0151	815E30000	SPREAD SPECTRUM RADIO (WT: 44)	EACH	4.000
0152	824E00010	SYSTEM ANALYSIS (WT: 44)	LS	1.000

Total 0007 TRAFFIC SIGNALS

Section	0008	MAINTENANCE OF TRAFFIC		
0153	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	100.000
0154	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	440.000
0155	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	3.000
0156	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	16.000
0157	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	24.000
0158	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	7.000
0159	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0160	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	15.000
0161	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	1,205.000
0162	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	17.000
0163	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE-WAY) (WT: NR)	EACH	200.000
0164	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	200.000
0165	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	10.000
0166	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	1.490
0167	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.000
0168	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.640

0169	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.640
0170	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	8.010
0171	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	3.000
0172	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	15,494.000
0173	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	6,000.000
0174	614E24000	WORK ZONE DOTTED LINE, CLASS I, 6" (WT: 39)	FT	2,870.000
0175	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	1,500.000
0176	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	934.000
0177	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	616.000
0178	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	200.000
0179	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	69.000
0180	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	18.000
0181	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0182	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	5,926.000
0183	616E10000	WATER (WT: NR)	MGAL	77.000
0184	622E41100	PORTABLE BARRIER, UNANCHORED (PORTABLE BARRIER, 32") (WT: 39)	FT	10,090.000
0185	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	24.000

Total 0008 MAINTENANCE OF TRAFFIC

Section	0009	INCIDENTALS		
0186	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0187	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0188	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0189	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0190	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0009 INCIDENTALS

Project Number: 210227
PID: 110996
Clinton
US 22-11.75 - Pt. 1 (PART 1 AND PART 2)
E191(272)

DBE Goal: 8.0%

Date Set for Completion: 5/12/2022

Type: MINOR RECONSTRUCTION

Plan Cost: \$63.00

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF WILMINGTON, CLINTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A LOON TURNAROUND, SIGNAL REPLACEMENTS, SHARED USE PATH AND SIDEWALK CONSTRUCTION, ASPHALT PAVEMENT RESURFACING, DRAINAGE IMPROVEMENTS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	202E20010	HEADWALL REMOVED (WT: NR)	EACH	3.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	298.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	489.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	463.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	156.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	6.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0008	202E98100	REMOVAL MISC.: LOWES SIGN (WT: NR)	EACH	1.000
0009	203E10000	EXCAVATION (WT: 06)	CY	1,350.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	322.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	972.000
0012	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	242.000
0013	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	242.000
0014	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0015	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	726.000
0016	608E10000	4" CONCRETE WALK (WT: 38)	SF	486.000
0017	608E52000	CURB RAMP (WT: 38)	SF	463.000
0018	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total	0001	ROADWAY (PART 1)		

Section	0002	EROSION CONTROL (PART 1)		
0019	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	10.000
0020	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0021	659E00300	TOPSOIL (WT: 46)	CY	657.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,317.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	267.000
0024	659E15000	INTER-SEEDING (WT: 46)	SY	267.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.750
0026	659E31000	LIME (WT: 46)	ACRE	1.210
0027	659E35000	WATER (WT: 46)	MGAL	31.000
0028	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	582.000
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	40,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	DRAINAGE (PART 1)		
0033	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0034	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	50.000
0035	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	50.000
0036	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	100.000
0037	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	10.000
0038	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0039	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	244.000
0040	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	58.000
0041	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	36.000
0042	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	124.000
0043	611E22600	54" CONDUIT, TYPE C (WT: 35)	FT	6.000
0044	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	4.000
0045	611E98330	CATCH BASIN, NO. 5 WITHOUT APRON (WT: 35)	EACH	1.000
0046	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	3.000
0047	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000

0048	611E99574	MANHOLE, NO. 3, (84") (WT: 35)	EACH	1.000
0049	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0050	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	179.000
0051	304E20000	AGGREGATE BASE (WT: 09)	CY	782.000
0052	407E10000	TACK COAT (WT: 10)	GAL	296.000
0053	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	275.000
0054	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	72.000
0055	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	137.000
0056	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	34.000
0057	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	39.000
0058	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	129.000
0059	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	481.000
0060	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	27.000
Total 0004		PAVEMENT (PART 1)		
Section	0005	WATER WORK (PART 1)		
0061	638E10500	FIRE HYDRANT REMOVED AND RESET (WT: 35)	EACH	1.000
0062	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0005		WATER WORK (PART 1)		
Section	0006	TRAFFIC CONTROL (PART 1)		
0063	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	28.000
0064	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	8.000
0065	644E00100	EDGE LINE, 4" (WHITE) (WT: 45)	MILE	0.050
0066	644E00300	CENTER LINE (DOUBLE SOLID) (WT: 45)	MILE	0.060
0067	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	220.000
0068	644E00500	STOP LINE, 24" (WT: 45)	FT	92.000
0069	644E00600	CROSSWALK LINE (WT: 45)	FT	186.000
0070	644E00700	TRANSVERSE/DIAGONAL LINE, 24" (WT: 45)	FT	56.000

0071	644E01300	LANE ARROW, 96" (WT: 45)	EACH	10.000
0072	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	434.000
0073	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	4.000

Total 0006 TRAFFIC CONTROL (PART 1)

Section	0007	TRAFFIC SIGNALS (PART 1)		
0074	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	17.000
0075	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	52.000
0076	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	26.000
0077	625E25901	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 4", 725.04 (WT: 43)	FT	279.000
0078	625E29000	TRENCH (WT: 43)	FT	69.000
0079	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0080	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0081	625E31510	PULL BOX REMOVED (WT: 43)	EACH	2.000
0082	625E32000	GROUND ROD (WT: 43)	EACH	7.000
0083	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	7.000
0084	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	4.000
0085	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	45.000
0086	630E80510	SIGN, STREET NAME (WT: 42)	EACH	2.000
0087	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0088	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0089	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	4.000
0090	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	4.000
0091	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	4.000
0092	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0093	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	4.000
0094	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0095	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	769.000
0096	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	914.000

0097	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000
0098	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0099	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	390.000
0100	632E67200	POWER CABLE, 2 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	25.000
0101	632E69400	SERVICE CABLE, 2 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	109.000
0102	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0103	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0104	632E80303	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 3, AS PER PLAN (WT: 44)	EACH	1.000
0105	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	2.000
0106	632E80621	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0107	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	2.000
0108	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0109	632E90201	REUSE OF VEHICULAR SIGNAL HEAD, AS PER PLAN (WT: 44)	EACH	1.000
0110	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0111	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0112	633E74001	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN (WT: 44)	EACH	1.000
0113	633E99000	CONTROLLER ITEM, MISC.:CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS2 (WT: 44)	EACH	1.000
0114	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0115	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0116	809E69200	EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0117	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	4.000
0118	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	520.000
0119	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	1.000
0120	809E69240	PREEMPT CONFIRMATION LIGHT (WT: 44)	EACH	4.000
0121	815E30001	SPREAD SPECTRUM RADIO, AS PER PLAN (WT: 44)	EACH	1.000

Total 0007 TRAFFIC SIGNALS (PART 1)

Section 0008	ROADWAY (PART 2)			
0122	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0123	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,951.000

0124	202E30000	WALK REMOVED (WT: NR)	SF	16,171.000
0125	202E32000	CURB REMOVED (WT: NR)	FT	1,337.000
0126	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	2,535.000
0127	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	735.000
0128	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	96.000
0129	202E58000	MANHOLE REMOVED (WT: NR)	EACH	20.000
0130	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	18.000
0131	202E58200	INLET REMOVED (WT: NR)	EACH	24.000
0132	202E98200	REMOVAL MISC.: LANDSCAPE WALL (WT: NR)	FT	42.000
0133	203E10000	EXCAVATION (WT: 06)	CY	1,425.000
0134	203E20000	EMBANKMENT (WT: 06)	CY	2,553.000
0135	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	4,096.000
0136	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,513.000
0137	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	2,513.000
0138	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	7,538.000
0139	608E10000	4" CONCRETE WALK (WT: 38)	SF	19,288.000
0140	608E52000	CURB RAMP (WT: 38)	SF	7,693.000
0141	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000

Total 0008 ROADWAY (PART 2)

Section 0009	EROSION CONTROL (PART 2)			
0142	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	20.000
0143	654E11000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.210
0144	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0145	659E00300	TOPSOIL (WT: 46)	CY	1,901.000
0146	659E10000	SEEDING AND MULCHING (WT: 46)	SY	15,861.000
0147	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	793.000
0148	659E15000	INTER-SEEDING (WT: 46)	SY	793.000
0149	659E31000	LIME (WT: 46)	ACRE	3.280
0150	659E35000	WATER (WT: 46)	MGAL	90.000
0151	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0152	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0153	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0154	832E30000	EROSION CONTROL (WT: 08)	EACH	200,000.000

Total 0009		EROSION CONTROL (PART 2)		
Section 0010	DRAINAGE (PART 2)			
0155	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0156	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	100.000
0157	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	250.000
0158	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	250.000
0159	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	200.000
0160	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	6.000
0161	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	738.000
0162	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	33.000
0163	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	129.000
0164	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	66.000
0165	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	60.000
0166	611E11900	27" CONDUIT, TYPE B (WT: 35)	FT	6.000
0167	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	30.000
0168	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	18.000
0169	611E19400	42" CONDUIT, TYPE B (WT: 35)	FT	18.000
0170	611E23800	60" CONDUIT, TYPE B (WT: 35)	FT	24.000
0171	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	10.000
0172	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	8.000
0173	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0174	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	4.000
0175	611E98840	INLET, NO. 2-A-6 (WT: 35)	EACH	15.000
0176	611E98850	INLET, NO. 2-A-8 (WT: 35)	EACH	6.000
0177	611E98860	INLET, NO. 2-A-10 (WT: 35)	EACH	4.000
0178	611E98870	INLET, NO. 2-A-12 (WT: 35)	EACH	1.000
0179	611E99574	MANHOLE, NO. 3(48") (WT: 35)	EACH	13.000
0180	611E99574	MANHOLE, NO. 3(60") (WT: 35)	EACH	7.000
0181	611E99574	MANHOLE, NO. 3(72") (WT: 35)	EACH	3.000
0182	611E99574	MANHOLE, NO. 3(90") (WT: 35)	EACH	2.000
0183	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	5.000
Total 0010		DRAINAGE (PART 2)		
Section 0011	PAVEMENT (PART 2)			
0184	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	3,612.000
0185	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(t=3.25") (WT: 13)	SY	98,802.000

0186	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	59.000
0187	304E20000	AGGREGATE BASE (WT: 09)	CY	839.000
0188	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	13,987.000
0189	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	78.000
0190	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	156.000
0191	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	4,117.000
0192	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	4,803.000
0193	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	331.000
0194	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	889.000
0195	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	2,557.000
0196	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,860.000
0197	609E71000	CONCRETE MEDIAN (WT: 38)	SF	729.000
0198	690E98400	SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL (WT: 38)	LS	1.000

Total 0011 PAVEMENT (PART 2)

Section	0012	WATER WORK (PART 2)		
0199	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	30.000
0200	638E10480	FIRE HYDRANT REMOVED (WT: 35)	EACH	3.000
0201	638E20416	SPECIAL - 4" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS(WILMINGTON) (WT: 35)	FT	80.000
0202	638E20418	SPECIAL - 6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS(WILMINGTON) (WT: 35)	FT	228.000
0203	638E20420	SPECIAL - 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS(WILMINGTON) (WT: 35)	FT	1,957.000
0204	638E20504	SPECIAL - 2" GATE VALVE(WILMINGTON) (WT: 35)	EACH	1.000
0205	638E20516	SPECIAL - 2" CUTTING IN SLEEVE(WILMINGTON) (WT: 35)	EACH	1.000
0206	638E20522	SPECIAL - 4" GATE VALVE WITH VALVE BOX(WILMINGTON) (WT: 35)	EACH	3.000
0207	638E20532	SPECIAL - 4" CUTTING IN SLEEVE(WILMINGTON) (WT: 35)	EACH	3.000

0208	638E20538	SPECIAL - 6" GATE VALVE WITH VALVE BOX(WILMINGTON) (WT: 35)	EACH	4.000
0209	638E20542	SPECIAL - 6" INSERTING VALVE WITH VALVE BOX(WILMINGTON) (WT: 35)	EACH	1.000
0210	638E20548	SPECIAL - 6" CUTTING IN SLEEVE(WILMINGTON) (WT: 35)	EACH	3.000
0211	638E20554	SPECIAL - 8" GATE VALVE WITH VALVE BOX(WILMINGTON) (WT: 35)	EACH	2.000
0212	638E20690	SPECIAL - 6" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX(WILMINGTON) (WT: 35)	EACH	1.000
0213	638E20692	SPECIAL - 8" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX(WILMINGTON) (WT: 35)	EACH	3.000
0214	638E20694	SPECIAL - 8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX(WILMINGTON) (WT: 35)	EACH	3.000
0215	638E20750	SPECIAL - 6" FIRE HYDRANT(WILMINGTON) (WT: 35)	EACH	3.000
0216	638E20754	SPECIAL - FIRE HYDRANT REMOVED AND RESET(WILMINGTON) (WT: 35)	EACH	4.000
0217	638E20772	SPECIAL - 1" POLYETHYLENE WATER SERVICE LINE(WILMINGTON) (WT: 35)	FT	1,128.000
0218	638E20780	SPECIAL - 2" POLYETHYLENE WATER SERVICE LINE(WILMINGTON) (WT: 35)	FT	44.000
0219	638E20876	SPECIAL - CUT AND PLUG EXISTING 4" WATER LINE(WILMINGTON) (WT: 35)	EACH	2.000
0220	638E20894	SPECIAL - 1" CORPORATION STOP(WILMINGTON) (WT: 35)	EACH	38.000
Total 0012 WATER WORK (PART 2)				
Section 0013 SANITARY SEWER (PART 2)				
0221	611E00900	6" CONDUIT, TYPE B, FOR SANITARY CONNECTION (WT: 35)	FT	100.000
0222	611E01100	6" CONDUIT, TYPE C, FOR SANITARY CONNECTION (WT: 35)	FT	100.000
0223	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	25.000
0224	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
Total 0013 SANITARY SEWER (PART 2)				
Section 0014 OTHER UTILITIES (PART 2)				
0225	690E98000	SPECIAL - MISC.; DP&L POLE HOLDING (WT: NR)	EACH	6,000.000
Total 0014 OTHER UTILITIES (PART 2)				
Section 0015 TRAFFIC CONTROL (PART 2)				
0226	620E60000	DELINEATOR, POST SURFACE MOUNTED (WT: NR)	EACH	980.000

0227	621E00100	RPM (WT: 41)	EACH	589.000
0228	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	205.000
0229	625E32000	GROUND ROD (WT: 43)	EACH	17.000
0230	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	2,785.000
0231	630E08521	STREET NAME SIGN SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	70.000
0232	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	54.000
0233	630E10703	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 7, AS PER PLAN (WT: 42)	EACH	1.000
0234	630E10903	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 9, AS PER PLAN (WT: 42)	EACH	1.000
0235	630E11003	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 10, AS PER PLAN (WT: 42)	EACH	2.000
0236	630E11203	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 12, AS PER PLAN (WT: 42)	EACH	1.000
0237	630E11207	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 13, AS PER PLAN (WT: 42)	EACH	4.000
0238	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	2.000
0239	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	16.000
0240	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	13.000
0241	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,452.000
0242	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	13.000
0243	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	9.000
0244	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	189.000
0245	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0246	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	115.000
0247	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	13.000
0248	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000
0249	630E89810	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-17.10 (WT: NR)	EACH	9.000
0250	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	EACH	2.000

0251	630E97700	SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (WT: 42)	EACH	8.000
0252	631E93110	SCHOOL SPEED LIMIT SIGN ASSEMBLY, 36" X 72" (WT: 43)	EACH	1.000
0253	631E94406	REMOVAL OF SIGNS WIRED (WT: NR)	EACH	2.000
0254	631E97700	SIGN LIGHTING MISC.:REVISE SIGN FLASHER ASSEMBLY (WT: 43)	EACH	2.000
0255	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	7.000
0256	644E00100	EDGE LINE, 4" (WT: 45)	MILE	2.890
0257	644E00200	LANE LINE, 4" (WT: 45)	MILE	3.170
0258	644E00300	CENTER LINE (WT: 45)	MILE	4.120
0259	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	6,050.000
0260	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	4,249.000
0261	644E00500	STOP LINE (WT: 45)	FT	992.000
0262	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	3,146.000
0263	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	4,125.000
0264	644E00720	CHEVRON MARKING (WT: 45)	FT	690.000
0265	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	2.000
0266	644E01300	LANE ARROW (WT: 45)	EACH	123.000
0267	644E01360	WRONG WAY ARROW (WT: 45)	EACH	2.000
0268	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	4.000
0269	644E01514	DOTTED LINE, 8" (WT: 45)	FT	2,493.000
0270	644E01520	DOTTED LINE, 12" (WT: 45)	FT	679.000
0271	644E20800	YIELD LINE (WT: 45)	FT	92.000
0272	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	724.000
0273	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	5.000

Total 0015 TRAFFIC CONTROL (PART 2)

Section	0016	TRAFFIC SIGNALS (PART 2)		
0274	625E10490	LIGHT POLE, CONVENTIONAL ,ATON51.7 (WT: 43)	EACH	1.000
0275	625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	EACH	1.000
0276	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	121.000
0277	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	1,311.000
0278	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	97.000
0279	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	220.000
0280	625E25901	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 4", 725.04 (WT: 43)	FT	2,052.000

0281	625E29000	TRENCH (WT: 43)	FT	1,514.000
0282	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	22.000
0283	625E30701	PULL BOX, 725.08, 18", AS PER PLAN (WT: 43)	EACH	2.000
0284	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	5.000
0285	625E30707	PULL BOX, 725.08, 24", AS PER PLAN (WT: 43)	EACH	2.000
0286	625E31510	PULL BOX REMOVED (WT: 43)	EACH	12.000
0287	625E32000	GROUND ROD (WT: 43)	EACH	40.000
0288	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	50.000
0289	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	4.000
0290	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	212.000
0291	630E80510	SIGN, STREET NAME (WT: 42)	EACH	25.000
0292	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	16.000
0293	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0294	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	40.000
0295	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	16.000
0296	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	37.000
0297	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	54.000
0298	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	37.000
0299	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	19.000
0300	632E27004	LOOP DETECTOR UNIT (WT: 44)	EACH	13.000
0301	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	5,985.000
0302	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	11,289.000
0303	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	17.000
0304	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	16.000
0305	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	7,180.000
0306	632E67200	POWER CABLE, 2 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	30.000
0307	632E69400	SERVICE CABLE, 2 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	754.000

0308	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	7.000
0309	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	6.000
0310	632E75093	SIGNAL SUPPORT, TYPE TC-81.21 DESIGN 12 POLE, WITH MAST ARMS TC-81.21 DESIGN 11 AND DESIGN 1, AS PER PLAN SIGNAL SUPPORT, TYPE TC-81.21 DESIGN 12 POLE, WITH MAST ARMS TC-81.21 DESIGN 11 (WT: 44)	EACH	1.000
0311	632E75204	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 7 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 1 SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 7 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 (WT: 44)	EACH	1.000
0312	632E75411	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 8 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 11, AS PER PLAN SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 8 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 (WT: 44)	EACH	1.000
0313	632E80103	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	1.000
0314	632E80203	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN (WT: 44)	EACH	2.000
0315	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0316	632E80603	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12, AS PER PLAN (WT: 44)	EACH	1.000
0317	632E80621	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	5.000
0318	632E80700	SIGNAL SUPPORT, MISC.: SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 11 POLE, (WT: 44)	EACH	4.000
0319	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	17.000
0320	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	9.000
0321	633E45000	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY (WT: 44)	EACH	1.000
0322	633E67100	CABINET FOUNDATION (WT: 44)	EACH	6.000
0323	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	6.000
0324	633E74001	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN (WT: 44)	EACH	6.000
0325	633E99000	CONTROLLER ITEM, MISC.: CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS2 (WT: 44)	EACH	6.000

0326	633E99000	CONTROLLER ITEM, MISC.:SPREAD SPECTRUM REPEATER (WT: 44)	EACH	1.000
0327	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	19.000
0328	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	27.000
0329	809E69201	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN (WT: 44)	EACH	1.000
0330	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	30.000
0331	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	5,985.000
0332	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	8.000
0333	809E69241	PREEMPT CONFIRMATION LIGHT, AS PER PLAN (WT: 44)	EACH	30.000
0334	815E30001	SPREAD SPECTRUM RADIO, AS PER PLAN (WT: 44)	EACH	8.000

Total 0016 TRAFFIC SIGNALS (PART 2)

Section	0017	MAINTENANCE OF TRAFFIC (PART 2)		
0335	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	150.000
0336	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	950.000
0337	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0338	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC(POTHOLE PATCHING) (WT: 39)	CY	100.000
0339	614E13310	BARRIER REFLECTOR, TYPE 1BI DIRECTIONAL (WT: NR)	EACH	21.000
0340	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	21.000
0341	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	4.000
0342	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	14.000
0343	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	7.000
0344	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	21.000
0345	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	11.000
0346	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	9,720.000
0347	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	4,860.000
0348	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	1,762.000
0349	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	881.000
0350	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	2,302.000

0351	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,151.000
0352	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	132.000
0353	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	66.000
0354	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	346.000
0355	616E10000	WATER (WT: NR)	MGAL	12.000
0356	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	950.000

Total 0017 MAINTENANCE OF TRAFFIC (PART 2)

Section 0018	INCIDENTALS (PART 1 AND PART 2)			
0357	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0358	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0359	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0360	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0018	INCIDENTALS (PART 1 AND PART 2)			

Project Number: 210228

PID: 111097

Columbiana

SR 45-01.51

E191(478)

DBE Goal: 7.0%

Date Set for Completion: 8/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING A SECTION IN COLUMBIANA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CULVERT REPLACEMENT AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	487.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	28.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	20.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	87.500
0007	202E53100	MAILBOX REMOVED (WT: NR)	EACH	4.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0009	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT , (B) (48" X 30") (WT: NR)	FT	110.000
0010	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, (A) (15") (WT: NR)	FT	22.000
0011	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	10.000
0012	203E10000	EXCAVATION (WT: 06)	CY	129.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	25.000
0014	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	639.000
0015	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	68.750
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000

0017	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	2.000
0018	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	1.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0019	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	23.000
0020	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0021	659E00300	TOPSOIL (WT: 46)	CY	30.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	267.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	13.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0025	659E31000	LIME (WT: 46)	ACRE	0.060
0026	659E35000	WATER (WT: 46)	MGAL	2.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	4,620.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0028	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.100
0029	611E05901	15" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	11.000
0030	611E20900	48" CONDUIT, TYPE B (WT: 35)	FT	232.000
0031	611E97400	CONDUIT, MISC.: 3" CONDUIT, TYPE C, 706.08 (WT: 35)	FT	8.000
0032	611E97400	CONDUIT, MISC.: 4' x 2.5', TYPE C, 706.05 (WT: 35)	FT	4.000
0033	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0034	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0035	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0036	611E98600	CATCH BASIN, NO. 2-6 (WT: 35)	EACH	1.000
0037	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0038	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	118.000
0039	304E20000	AGGREGATE BASE (WT: 09)	CY	131.000
0040	407E10000	TACK COAT (WT: 10)	GAL	99.000

0041	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	21.000
0042	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	30.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0043	621E00100	RPM (WT: 41)	EACH	6.000
0044	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	6.000
0045	626E00110	BARRIER REFLECTOR, TYPE 2 (BI- DIRECTIONAL) (WT: NR)	EACH	3.000
0046	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	13.000
0047	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0048	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0049	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.080
0050	646E10200	CENTER LINE (WT: 45)	MILE	0.040
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0051	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0052	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	55.000
0053	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	4.000
0054	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.040
0055	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.080
0056	616E10000	WATER (WT: NR)	MGAL	5.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
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	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
0060	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0061	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0007 INCIDENTALS

Project Number: 210229
PID: 97492
Columbiana
US 30-34.13, COL-SR 7-5.94
E191(021)

DBE Goal: 8.0%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING COL-30/7-34.13/5.94 IN COLUMBIANA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE DECK EXPANSION JOINTS, APPROACH SLABS, ABUTMENT BACKWALLS, BEARINGS, SEALING CONCRETE SURFACES, PARTIAL PAINTING STRUCTURAL STEEL AND PERFORMING OTHER REPAIRS ON SEVERAL BRIDGES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,340.000
0003	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	720.000
0004	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	122.000
0005	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	63.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	464.000
0007	203E10000	EXCAVATION (WT: 06)	CY	386.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	20.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,137.000
0010	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	387.500
0011	606E20050	ROUNDED END SECTION (WT: 36)	EACH	1.000
0012	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	1.000
0013	606E26100	ANCHOR ASSEMBLY, TYPE E (MASH 2016) (WT: 36)	EACH	1.000
0014	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	1.000
0015	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0016	606E35120	BRIDGE TERMINAL ASSEMBLY, TYPE 3 (WT: 36)	EACH	1.000
0017	606E35121	BRIDGE TERMINAL ASSEMBLY, TYPE 3, AS PER PLAN (WT: 36)	EACH	5.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0018	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0019	659E00300	TOPSOIL (WT: 46)	CY	138.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,235.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	62.000
0022	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.160
0023	659E31000	LIME (WT: 46)	ACRE	0.250
0024	659E35000	WATER (WT: 46)	MGAL	8.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0026	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0027	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" (WT: 13)	SY	345.000
0028	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	373.000
0029	304E20000	AGGREGATE BASE (WT: 09)	CY	353.000
0030	407E10000	TACK COAT (WT: 10)	GAL	253.000
0031	442E20051	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	71.000
0032	442E20250	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448) (WT: 10)	CY	65.000
0033	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	1,552.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0034	621E00100	RPM (WT: 41)	EACH	15.000
0035	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	15.000
0036	626E00110	BARRIER REFLECTOR, TYPE 2 (ONE-WAY) (WT: NR)	EACH	21.000
0037	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	66.400
0038	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.400
0039	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	5.000

0040	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	26.000
0041	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0042	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0043	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0044	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.940
0045	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.180
0046	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,095.000
0047	646E20504	DOTTED LINE, 6" (WT: 45)	FT	431.000

Total 0005 TRAFFIC CONTROL

Section	0006	MAINTENANCE OF TRAFFIC		
0048	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	100.000
0049	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0050	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0051	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	249.000
0052	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	20.000
0053	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE-WAY) (WT: NR)	EACH	105.000
0054	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	105.000
0055	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0056	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	0.330
0057	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.770
0058	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	1.950
0059	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.330
0060	614E23110	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT (WT: 39)	FT	3,940.000
0061	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	2,190.000
0062	614E24102	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT (WT: 39)	FT	857.000
0063	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	431.000

0064	616E10000	WATER (WT: NR)	MGAL	10.000
0065	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	3,300.000

Total 0006 MAINTENANCE OF TRAFFIC

**Section 0007 STRUCTURE OVER 20 FOOT SPAN (SFN'S:
1502298, 1502379, 150232 8)**

0066	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0067	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	538.000
0068	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0069	503E21100	UNCLASSIFIED EXCAVATION (WT: 29)	CY	521.000
0070	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	12,963.000
0071	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0072	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	500.000
0073	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	89.000
0074	511E53012	CLASS QC2 CONCRETE, MISC.: FULL DEPTH REPAIR (WT: 29)	CY	1.000
0075	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,042.000
0076	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	3,884.000
0077	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	24.000
0078	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	86.000
0079	514E27700	FIELD PAINTING, MISC.: THREE COAT SYSTEM FOR SPOT REPAIR OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	6,221.000
0080	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	234.000
0081	516E12301	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE, AS PER PLAN (WT: 27)	FT	335.000
0082	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	26.000
0083	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	30.000
0084	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000

0085	517E72750	RAILING (THRIE BEAM RETROFIT) (WT: 36)	FT	12.500
0086	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	97.000
0087	519E10000	PATCHING CONCRETE BRIDGE DECK OVERLAY WITH MICRO-SILICA MODIFIED CONCRETE (WT: 29)	SY	14.000
0088	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	106.000
0089	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	575.000
0090	526E90010	TYPE A INSTALLATION (WT: 29)	FT	247.000
0091	622E25020	CONCRETE BARRIER, END ANCHORAGE, REINFORCED (WT: 38)	EACH	2.000
0092	622E90000	BARRIER, MISC.: REBUILT CONCRETE BARRIER (WT: 29)	FT	63.000
0093	625E33000	STRUCTURE GROUNDING SYSTEM (WT: NR)	EACH	1.000
0094	690E98100	SPECIAL - DEBRIS REMOVAL (WT: NR)	FT	1,412.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (SFN'S: 1502298, 1502379, 150232 8)

Section	0008	STRUCTURE OVER 20 FOOT SPAN (SFN: 1504800)		
0095	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0096	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	143.000
0097	503E21100	UNCLASSIFIED EXCAVATION (WT: 29)	CY	130.000
0098	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,092.000
0099	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	500.000
0100	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	188.000
0101	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	6.000
0102	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	26.000
0103	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	901.000
0104	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	689.000
0105	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	20.000
0106	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	29.000
0107	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	652.000

0108	514E27700	FIELD PAINTING, MISC.: (THREE COAT SYSTEM FOR SPOT REPAIR OF EXISTING STRUCTURAL STEEL) (WT: 26)	SF	926.000
0109	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	88.000
0110	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	31.000
0111	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	10.000
0112	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0113	517E76300	RAILING, MISC.: REMOVAL AND REINSTALLATION OF TYPE "A" RAILING (WT: 29)	FT	9.000
0114	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	26.000
0115	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	86.000
0116	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	147.000
0117	526E90010	TYPE A INSTALLATION (WT: 29)	FT	78.000
0118	625E33000	STRUCTURE GROUNDING SYSTEM (WT: NR)	EACH	1.000
0119	690E98100	SPECIAL - DEBRIS REMOVAL (WT: NR)	FT	483.000
Total 0008 STRUCTURE OVER 20 FOOT SPAN (SFN: 1504800)				
Section	0009	INCIDENTALS		
0120	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0121	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0122	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0123	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0124	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0125	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009 INCIDENTALS				

Project Number: 210230

PID: 111006

Cuyahoga

SR 175-08.59 Safety

E191(274)

DBE Goal: 6%

Date Set for Completion: 5/15/2022

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING A SECTION IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING TRAFFIC SIGNALS AT AN INTERSECTION AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	202E30000	WALK REMOVED (WT: NR)	SF	1,410.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	164.000
0003	608E15001	8" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	1,129.000
0004	608E52000	CURB RAMP (WT: 38)	SF	463.000
0005	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	85.000
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0006	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0007	659E00300	TOPSOIL (WT: 46)	CY	58.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	525.000
0009	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	26.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.700
0011	659E35000	WATER (WT: 46)	MGAL	3.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	2,799.000
Total 0002	EROSION CONTROL			
Section 0003	DRAINAGE			
0013	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	8.000
0014	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	6.000
0015	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0016	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	600.000

0017	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0018	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0019	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	630.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH) (WT: 13)	SY	6,294.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	535.000
0022	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	263.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0023	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	56.000
0024	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	8.000
0025	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	1.000
0026	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	75.190
0027	630E80510	SIGN, STREET NAME (WT: 42)	EACH	4.000
0028	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0029	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.310
0030	644E00300	CENTER LINE (WT: 45)	MILE	0.250
0031	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	275.000
0032	644E00500	STOP LINE (WT: 45)	FT	83.000
0033	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	92.000
0034	644E01300	LANE ARROW (WT: 45)	EACH	4.000
0035	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	2.000
0036	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	251.000
0037	647E20010	CROSSWALK LINE, TYPE B90 (WT: 45)	FT	580.000
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0038	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	408.000
0039	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	208.000
0040	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	314.000
0041	625E29000	TRENCH (WT: 43)	FT	323.000

0042	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0043	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	6.000
0044	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	4.000
0045	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	10.000
0046	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	3,211.000
0047	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0048	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	2.000
0049	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	2,778.000
0050	632E72110	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4 (WT: 44)	EACH	1.000
0051	632E72130	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	1.000
0052	632E72140	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13 (WT: 44)	EACH	2.000
0053	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	1.000
0054	632E90010	PEDESTAL, MISC.: REUSE OF PEDESTRIAN PEDESTAL (WT: 44)	EACH	1.000
0055	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0056	632E90203	REUSE OF PEDESTRIAN SIGNAL HEAD, AS PER PLAN (WT: 44)	EACH	5.000
0057	632E90211	REUSE OF PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	5.000
0058	632E90400	SIGNALIZATION, MISC.:REUSE OF LICENSE PLATE CAMERA SYSTEM (WT: 44)	EACH	1.000
0059	633E99000	CONTROLLER ITEM, MISC.: CONTROLLER AND CABINET MODIFICATIONS (WT: 44)	EACH	1.000
0060	633E99000	CONTROLLER ITEM, MISC.: REUSE OF EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0061	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0062	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000

Total 0006 TRAFFIC SIGNALS

Section 0007 MAINTENANCE OF TRAFFIC

0063	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0064	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.310
0065	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.310
0066	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.250
0067	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.250
0068	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	275.000
0069	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	275.000
0070	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	83.000
0071	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	83.000
0072	616E10000	WATER (WT: NR)	MGAL	2.000
Total 0007 MAINTENANCE OF TRAFFIC				
<hr/>				
Section	0008	INCIDENTALS		
0073	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0074	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0075	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0076	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0077	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008 INCIDENTALS				

Project Number: 210231

PID: 98225

D05

GUE, LIC, PER

CS FY2021

E170(584)

Date Set for Completion: 10/15/2021

Type: CRACK SEALING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE VILLAGES OF BUCKEYE LAKE, CORNING, HEBRON, NELLIE, RENDVILLE, AND WARSAW, WITHIN COSHOCTON, GUERNSEY, LICKING, AND PERRY COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING A TYPE 4 CRACKSEALER ALONG APPROXIMATELY 58 MILES OF SPECIFIED ROADWAYS THROUGHOUT DISTRICT 5.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	PAVEMENT		
0001	423E00250	CRACK SEALING, TYPE IV (WT: NR)	SY	1,152,277.000
Total	0001	PAVEMENT		
Section	0002	MAINTENANCE OF TRAFFIC		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000
0003	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	INCIDENTALS		
0004	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0005	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0006	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0003	INCIDENTALS		

Project Number: 210232

PID: 91904

D06

IR SP FY21 Priority

E201(121)

DBE Goal: 5.0%

Date Set for Completion: 10/15/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE CITIES OF COLUMBUS AND GAHANNA, JACKSON, JEFFERSON, MIFFLIN, AND TRURO TOWNSHIPS, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING ASPHALT REPAIRS VARYING IN DEPTH FROM 1.50" TO 7" AND 12" DEEP CONCRETE REPLACEMENT REPAIRS ON 2 SECTIONS OF I-270 AND SOME INTERCHANGE RAMP. PROJECT INCLUDES A MINOR AMOUNT OF TRAFFIC STRIPING AND PLACEMENT OF DETECTOR LOOPS

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	PAVEMENT		
0002	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, 1.5" DEPTH (WT: 16)	SY	2,523.000
0003	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, 3" DEPTH (WT: 16)	SY	8,994.000
0004	251E01031	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN, 7" DEPTH (WT: 16)	CY	223.000
0005	255E10501	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN (WT: 17)	SY	658.000
0006	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,434.000
0007	257E10000	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT (WT: 13)	SY	658.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0008	621E00100	RPM (WT: 41)	EACH	32.000
0009	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	32.000

0010	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	4.000
0011	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	4.000
0012	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2.080
0013	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.560
0014	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	218.000
Total 0003		TRAFFIC CONTROL		
Section 0004	MAINTENANCE OF TRAFFIC			
0015	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	1,200.000
0016	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0017	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	10.000
0018	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.560
0019	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	2.080
0020	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	218.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005	INCIDENTALS			
0021	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0022	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210233

PID: 113424

D09

PIK, ROS, SCI
RWRPM-FY2021
E201(235)

Date Set for Completion: 9/4/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN LAWRENCE, ROSS, SCIOTO, AND PIKE COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECESSED WET REFLECTIVE PAVEMENT MARKINGS IN VARIOUS LOCATIONS AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	1.230
0003	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.470
0004	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	98.250
0005	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	49.980
0006	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	1.030
0007	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	13,555.000
0008	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	10,544.000
0009	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	150.750

0010	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	10,574.000
0011	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	13,555.000
Total	0002	TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0012	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0013	630E97800	SIGNING, MISC.:SIGNS GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	100.000
Total	0003	MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
0014	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0015	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0016	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0004	INCIDENTALS		

Project Number: 210234

PID: 100847

D10

GAL, HOC, MEG

Pavement Marking FY2021

E210(114)

Date Set for Completion: 10/15/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING SECTIONS IN ATHENS, GALLIA, HOCKING, MEIGS, MONROE, MORGAN, NOBLE, VINTON, AND WASHINGTON COUNTIES OF 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
Section	0001	TRAFFIC CONTROL		
0001	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1,809.950
0002	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	300.270
0003	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	1,485.680
0004	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	18,814.000
0005	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	48,826.000
0006	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	31,341.000
0007	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	3,365.000
0008	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	21,111.000
0009	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	19.000
0010	642E01100	SCHOOL SYMBOL MARKING, 72", TYPE 1 (WT: 45)	EACH	8.000
0011	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	30.000
0012	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	351.000
0013	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	64.000
0014	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	220.000
0015	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	39.000
0016	642E40001	SPEED MEASUREMENT MARKING, AS PER PLAN (WT: 45)	EACH	30.000

Total 0001		TRAFFIC CONTROL		
Section 0002	INCIDENTALS			
0017	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0018	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0002		INCIDENTALS		

Project Number: 210235
PID: 107451
Darke
SR-SR 185/SR 503-00.00/00.00
E180(403)

DBE Goal: 6%

Date Set for Completion: 8/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE VILLAGES OF ITHACA AND VERSAILLES, BUTLER, HARRISON, NEAVE, TWIN, WAYNE, AND YORK TOWNSHIPS, OF DARKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A 2 INCH OVERLAY ON SR 185 FROM SLM 0.00-4.60, AND SR 503 FROM SLM 0.00-1.38 AND SLM 1.63-9.29, AND PLANING AND RESURFACING SR 503 THROUGH THE VILLAGE OF ITHACA AND SR 185 THROUGH THE VILLAGE OF VERSAILLES, INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,781.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	546.000
0003	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	27.280
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	463.000
0005	608E53020	DETECTABLE WARNING (WT: 38)	SF	112.000
0006	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	3.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	659E00300	TOPSOIL (WT: 46)	CY	3.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	12.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0009	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	8.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0010	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,700.000

0011	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/4" Depth (WT: 13)	SY	413.000
0012	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" Depth (WT: 13)	SY	10,935.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (0" to 1 1/4") (WT: 13)	SY	507.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (0" to 2") (WT: 13)	SY	535.000
0015	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	50.000
0016	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	15.000
0017	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	29,313.000
0018	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	7,421.000
0019	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	4,354.000
0020	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,803.000
Total 0004 PAVEMENT				
Section 0005 WATER WORK				
0021	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0005 WATER WORK				
Section 0006 TRAFFIC CONTROL				
0022	621E00100	RPM (WT: 41)	EACH	1,056.000
0023	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,056.000
0024	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	12.500
0025	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0026	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0027	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	28.420
0028	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	14.210
0029	644E00500	STOP LINE (WT: 45)	FT	108.000
0030	644E00600	CROSSWALK LINE (WT: 45)	FT	148.000
Total 0006 TRAFFIC CONTROL				
Section 0007 MAINTENANCE OF TRAFFIC				
0031	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	113.000

0032	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	28.990
0033	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	259.000
Total 0007 MAINTENANCE OF TRAFFIC				
Section 0008 STRUCTURE REPAIR (DAR-503-0302)				
0034	516E31001	JOINT SEALER, AS PER PLAN, (1 1/4" Deep) (WT: 29)	FT	75.000
Total 0008 STRUCTURE REPAIR (DAR-503-0302)				
Section 0009 INCIDENTALS				
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
Total 0009 INCIDENTALS				

Project Number: 210236

PID: 98248

Gallia

CR 71-00.90

E140(652)

DBE Goal: 10%

Date Set for Completion: 8/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING GAL-CR 71-0.90 IN GALLIA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. GAL-CR 71-0090, A 3 SPAN CANTILEVER CONCRETE THROUGH GIRDER ON REINFORCED CONCRETE SUBSTRUCTURE, (SPANS: 33'-6", 63', 33'-6"; ROADWAY: 20' TOE/TOE OF CURB), CR 71 OVER RACON CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	242.000
0003	203E10000	EXCAVATION (WT: 06)	CY	4.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	9.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	322.000
0006	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	100.000
0007	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	2.000
0008	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	2.000
0009	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0011	659E00300	TOPSOIL (WT: 46)	CY	71.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	129.000
0013	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	32.000
0014	659E15000	INTER-SEEDING (WT: 46)	SY	32.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.090
0016	659E31000	LIME (WT: 46)	ACRE	0.130

0017	659E35000	WATER (WT: 46)	MGAL	4.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0019	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	34.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	66.000
0021	407E10000	TACK COAT (WT: 10)	GAL	34.000
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	24.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0023	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	6.000
0024	626E00102	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL (WT: NR)	EACH	10.000
0025	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	28.000
0026	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0027	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0028	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	6.000
0029	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.110
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.030
0031	646E10200	CENTER LINE (WT: 45)	MILE	0.030
Total	0004	TRAFFIC CONTROL		
Section	0005	STRUCTURE OVER 20 FOOT SPAN (GAL-CR71-0090)		
0032	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0033	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0034	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0035	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0036	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	2,190.000
0037	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	1,940.000
0038	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	67,293.000

0039	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	69.000
0040	511E34413	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	88.000
0041	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	10.000
0042	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	289.000
0043	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	182.000
0044	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	787.000
0045	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	77.000
0046	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	52.000
0047	512E71500	SPECIAL - URETHANE TOP COAT SEALER (WT: NR)	SY	6.000
0048	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	40.000
0049	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	42.000
0050	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	49.000
0051	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	171.000
0052	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	56.000
0053	518E12301	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (WT: 21)	EACH	2.000
0054	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	128.000
0055	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	173.000
0056	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	45.000
0057	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	54.000
0058	519E11600	SPECIAL - PATCHING CONCRETE STRUCTUREType 1 Repair (WT: 29)	SF	445.000
0059	519E11600	SPECIAL - PATCHING CONCRETE STRUCTUREType 2 Repair (WT: 29)	SF	309.000

0060	519E11600	SPECIAL - PATCHING CONCRETE STRUCTUREType 3 Repair (WT: 29)	SF	4.000
0061	526E10000	REINFORCED CONCRETE APPROACH SLABS (T=12") (WT: 29)	SY	76.000
0062	526E90011	TYPE A INSTALLATION, AS PER PLAN (WT: 29)	FT	46.000
0063	530E00200	SPECIAL - STRUCTURES, TEMPORARY SUPPORT OF STRUCTURE (WT: 21)	LS	1.000
0064	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	498.000

Total 0005 STRUCTURE OVER 20 FOOT SPAN (GAL-CR71-0090)

Section	0006	INCIDENTALS		
0065	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0066	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0067	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0068	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210237
PID: 105831
Hamilton
Deer Park Bike/Ped Connector
E190(192)

DBE Goal: 6%

Date Set for Completion: 11/14/2021

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
Section	0001	ROADWAY		
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

Section 0004	PAVEMENT			
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

Section 0005	WATER WORK			
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
Total 0005 WATER WORK				
Section 0006 LIGHTING				
0079	625E98200	LIGHTING, MISC.: DUKE ENERGY LIGHTING (WT: 43)	LS	1.000
Total 0006 LIGHTING				
Section 0007 TRAFFIC CONTROL				
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
Total	0007	TRAFFIC CONTROL		
Section	0008	MAINTENANCE OF TRAFFIC		
0097	616E10000	WATER (WT: NR)	MGAL	9.000
0098	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	20.000
Total	0008	MAINTENANCE OF TRAFFIC		
Section	0009	INCIDENTALS		
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
Total	0009	INCIDENTALS		

Project Number: 210238
PID: 104864
Lorain
SR 113-03.75 Baumhart Sfty
E170(795)

DBE Goal: 8.0%

Date Set for Completion: 10/1/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN HENRIETTA TOWNSHIP, LORAIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A ROUNDABOUT, REPLACING A CULVERT, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (CONCRETE) (WT: NR)	SY	3,556.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	30.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	237.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,030.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	605.000
0008	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0009	202E58200	INLET REMOVED (WT: NR)	EACH	7.000
0010	202E75000	FENCE REMOVED (WT: NR)	FT	30.000
0011	203E10000	EXCAVATION (WT: 06)	CY	5,746.000
0012	203E20000	EMBANKMENT (WT: 06)	CY	4,906.000
0013	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,185.000
0014	204E45000	PROOF ROLLING (WT: NR)	HOUR	4.000
0015	206E10010	LIME STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	5,803.000
0016	206E10020	LIME STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	4,201.000
0017	206E10300	LIME (WT: 07)	TON	265.000
0018	206E11000	CURING COAT (WT: 07)	SY	10,004.000
0019	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	271.000

0020	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000
0021	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0022	607E15100	FENCE, TYPE 47RA (WT: 37)	FT	30.000
0023	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
0024	625E31510	PULL BOX REMOVED (WT: 43)	EACH	14.000
0025	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0026	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	2.000
0027	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	2.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0028	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	14.000
0029	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	84.000
0030	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0031	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	30.000
0032	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0033	659E00300	TOPSOIL (WT: 46)	CY	2,353.000
0034	659E10000	SEEDING AND MULCHING (WT: 46)	SY	21,200.000
0035	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,060.000
0036	659E15000	INTER-SEEDING (WT: 46)	SY	1,060.000
0037	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.960
0038	659E31000	LIME (WT: 46)	ACRE	4.380
0039	659E35000	WATER (WT: 46)	MGAL	117.000
0040	659E40000	MOWING (WT: 46)	MSF	48.000
0041	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	4,280.000
0042	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0043	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0044	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0045	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			

0046	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.790
0047	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	117.000
0048	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	3,401.000
0049	605E31100	AGGREGATE DRAINS (WT: 35)	FT	311.000
0050	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	91.000
0051	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	23.000
0052	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	9.000
0053	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	56.000
0054	611E05900	15" CONDUIT, TYPE B, 706.02, 707.04 (14 GA), OR 707.33 (WT: 35)	FT	79.000
0055	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	57.000
0056	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	229.000
0057	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	71.000
0058	611E11700	27" CONDUIT, TYPE A, 706.02, 707.04 (12 GA), OR 707.33 (WT: 35)	FT	97.000
0059	611E53100	43" X 68" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	21.000
0060	611E94726	7' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	185.000
0061	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0062	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	1.000
0063	611E98700	INLET, SIDE DITCH (WT: 35)	EACH	2.000
0064	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0065	611E99690	MANHOLE, MISC.: FRAME, COVER, GRADE RINGS, STEPS (WT: 35)	EACH	1.000
0066	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	7.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0067	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,350.000
0068	304E20000	AGGREGATE BASE (WT: 09)	CY	1,947.000
0069	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,037.000
0070	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (DRIVEWAYS) (WT: 10)	CY	11.000
0071	442E00200	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446) (WT: 10)	CY	328.000
0072	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	459.000
0073	452E19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" TRUCK APRON STAINED (WT: 12)	SY	356.000

0074	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	1,993.000
0075	609E22001	CURB, TYPE 3-B, AS PER PLAN (WT: 38)	FT	352.000
0076	609E26000	CURB, TYPE 6 (WT: 38)	FT	2,290.000
0077	609E54001	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TOOLED AND STAINED (WT: 38)	SY	1,180.000
0078	609E98100	CURB, MISC.: COMBINATION CURB & GUTTER TURNOUT (WT: 38)	EACH	9.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0079	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0005		WATER WORK		
Section	0006	LIGHTING		
0080	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	16.000
0081	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	8.000
0082	625E00481	CONNECTION, UNFUSED PERMANENT, AS PER PLAN (WT: 43)	EACH	12.000
0083	625E10490	LIGHT POLE, CONVENTIONAL (AT-8B-40) (WT: 43)	EACH	8.000
0084	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	8.000
0085	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	928.000
0086	625E24324	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES (WT: 43)	FT	1,194.000
0087	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	210.000
0088	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 170W, IES TYPE III DISTRIBUTION (WT: 43)	EACH	8.000
0089	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	1,014.000
0090	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	7.000
0091	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	3.000
0092	625E32000	GROUND ROD (WT: 43)	EACH	9.000
0093	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0094	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	1,224.000
0095	625E76000	ARC FLASH CALCULATIONS AND LABEL (LOCATION - POWER SERVICE) (WT: NR)	EACH	1.000
Total 0006		LIGHTING		
Section	0007	TRAFFIC CONTROL		

0096	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	0.460
0097	621E00100	RPM (WT: 41)	EACH	16.000
0098	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	39.000
0099	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	328.900
0100	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	151.400
0101	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	56.400
0102	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	24.000
0103	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	287.400
0104	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	27.000
0105	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
0106	630E86271	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND STORAGE, AS PER PLAN (WT: NR)	EACH	1.000
0107	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.030
0108	644E00300	CENTER LINE (WT: 45)	MILE	0.460
0109	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	206.000
0110	644E01520	DOTTED LINE, 12" (WT: 45)	FT	138.000
0111	644E20800	YIELD LINE (WT: 45)	FT	61.000

Total 0007 TRAFFIC CONTROL

Section 0008 LANDSCAPING

0112	204E50000	GEOTEXTILE FABRIC (WT: 46)	SY	723.000
0113	657E10001	RIPRAP FOR TREE PROTECTION, AS PER PLAN (WT: 46)	SY	723.000
0114	661E00500	MULCH (WT: 46)	CY	8.000
0115	661E19000	DECIDUOUS SHRUB, 12" HEIGHT - RHUS AROMATICA - FRAGRANT SUMAC (WT: 46)	EACH	28.000
0116	661E30060	EVERGREEN SHRUB, 2' HEIGHT - PINUS MUGO - MUGO PINE (WT: 46)	EACH	6.000

Total 0008 LANDSCAPING

Section 0009 MAINTENANCE OF TRAFFIC

0117	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	200.000
0118	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000

0119	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	20.000
0120	616E10000	WATER (WT: NR)	MGAL	25.000
Total 0009		MAINTENANCE OF TRAFFIC		
Section 0010	STRUCTURE 20 FOOT SPAN AND UNDER (CFN# 1984673)			
0121	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 35)	LS	1.000
0122	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0123	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	9,079.000
0124	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	27.000
0125	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	18.000
0126	511E50210	CLASS QC1 CONCRETE, SUBSTRUCTURE (WT: 35)	CY	17.000
0127	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	41.000
0128	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	437.000
0129	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	13.000
0130	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	21.000
Total 0010		STRUCTURE 20 FOOT SPAN AND UNDER (CFN# 1984673)		
Section 0011	INCIDENTALS			
0131	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0132	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0133	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0134	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0135	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0011		INCIDENTALS		

Project Number: 210239

PID: 101045

Mahoning

TRU

/TRU MCRO FY2022

E191(168)

DBE Goal: 4%

Date Set for Completion: 10/1/2021

Type: MICROSURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE TOWNSHIPS OF AUSTINTOWN, BOARDMAN, CANFIELD, AND WEATHERSFIELD, OF MAHONING AND TRUMBULL COUNTIES, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE WEARING COURSE WITH MICROSURFACE, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL OTHER INCIDENTAL WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	6.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0003	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0004	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	1,300.000
0005	421E10011	MICROSURFACING, SURFACE COURSE, AS PER PLAN (WT: 11)	SY	126,445.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0006	621E00100	RPM (WT: 41)	EACH	614.000

0007	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	491.000
0008	646E10010	EDGE LINE, 6" (WT: 45)	MILE	13.500
0009	646E10200	CENTER LINE (WT: 45)	MILE	6.750
0010	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	750.000
0011	646E10400	STOP LINE (WT: 45)	FT	210.000
0012	646E10500	CROSSWALK LINE (WT: 45)	FT	144.000
0013	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	48.000
0014	646E20300	LANE ARROW (WT: 45)	EACH	13.000
0015	646E50000	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	13.000
0016	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,152.000
0017	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	20.250
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0018	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0019	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0020	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	13.500
0021	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	27.000
0022	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,500.000
0023	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	420.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0024	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0025	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0026	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0027	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0028	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210240

PID: 107070

Medina

SR-SR 3-09.04

E180(328)

DBE Goal: 8.0%

Date Set for Completion: 11/15/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN MONTVILLE TOWNSHIP, OF MEDINA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY BUILDING A ROUNDABOUT AT THE INTERSECTION OF STATE ROUTE 3 AND STATE ROUTE 162/SHARON COPLEY ROAD. PROJECT INCLUDES ASPHALT, CONCRETE CURB AND PAVEMENT, DRAINAGE, SOME LIGHTING, AND TRAFFIC STRIPING WORK AND INCLUDES REALIGNING STATE ROUTE 3 TO AVOID EXISTING WETLAND AREA TO THE WEST OF THE ROADWAY.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	4,420.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	242.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	60.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	250.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0007	202E75610	VALVE BOX REMOVED (WT: NR)	EACH	2.000
0008	203E10000	EXCAVATION (WT: 06)	CY	3,687.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	5,095.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,500.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,000.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	4.000
0013	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	545.000
0014	206E11000	CURING COAT (WT: 07)	SY	6,119.000
0015	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	6,119.000
0016	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
0017	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	1.000

0018	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	3.000
0019	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	3.000

Total 0001 ROADWAY

Section	0002	EROSION CONTROL		
0020	601E11000	RIPRAP, TYPE D (WT: 35)	SY	3.000
0021	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	63.000
0022	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	18.000
0023	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	5.000
0024	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0025	659E00300	TOPSOIL (WT: 46)	CY	872.000
0026	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	7,841.000
0027	659E15000	INTER-SEEDING (WT: 46)	SY	7,841.000
0028	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.710
0029	659E31000	LIME (WT: 46)	ACRE	8.100
0030	659E35000	WATER (WT: 46)	MGAL	43.000
0031	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	856.000
0032	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	445.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0033	602E20000	CONCRETE MASONRY (WT: 35)	CY	18.690
0034	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	123.000
0035	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	2,172.000
0036	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	236.000
0037	611E00407	4" CONDUIT, TYPE F, AS PER PLAN (WT: 35)	FT	105.000
0038	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0039	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	199.000
0040	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	365.000
0041	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	69.000
0042	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	162.000
0043	611E20700	48" CONDUIT, TYPE A, 706.02 OR 707.33, 60" 707.04 (0.109) GALVANIZED (WT: 35)	FT	147.000
0044	611E52700	29" X 45" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	60.000
0045	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	3.000

0046	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	3.000
0047	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0048	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	4.000
0049	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0050	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	730.000
0051	304E20000	AGGREGATE BASE (WT: 09)	CY	1,273.000
0052	407E10000	TACK COAT (WT: 10)	GAL	500.000
0053	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	164.000
0054	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	225.000
0055	451E13011	8" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	723.000
0056	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	2,187.000
0057	609E14000	CURB, TYPE 2-A (WT: 38)	FT	252.000
0058	609E18001	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN (WT: 38)	FT	327.000
0059	609E22000	CURB, TYPE 3-B (WT: 38)	FT	75.000
0060	609E26000	CURB, TYPE 6 (WT: 38)	FT	943.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0061	638E20424	SPECIAL - 12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS(MEDINA COUNTY 913) (WT: 35)	FT	289.000
0062	638E20884	SPECIAL - CUT AND PLUG EXISTING 12" WATER LINE(MEDINA COUNTY 914) (WT: 35)	EACH	1.000
0063	638E98600	WATER WORK, MISC.:GROUT FILL AND ABANDON EXISTING WATERMAIN (MEDINA COUNTY 913) (WT: 35)	FT	297.000
Total 0005		WATER WORK		
Section	0006	LIGHTING		
0064	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	14.000
0065	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	18.000
0066	625E10490	LIGHT POLE, CONVENTIONAL, AT10B40 (WT: 43)	EACH	6.000

0067	625E10490	LIGHT POLE, CONVENTIONAL, AT12B40 (WT: 43)	EACH	1.000
0068	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	7.000
0069	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	263.000
0070	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	732.000
0071	625E24324	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES (WT: 43)	FT	854.000
0072	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	203.000
0073	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, TYPE III (WT: 43)	EACH	7.000
0074	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	654.000
0075	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0076	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	4.000
0077	625E32000	GROUND ROD (WT: 43)	EACH	7.000
0078	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0079	625E76000	ARC FLASH CALCULATIONS AND LABEL, CONTROL CENTER (WT: NR)	EACH	1.000
Total 0006		LIGHTING		
Section	0007	TRAFFIC CONTROL		
0080	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	135.500
0081	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	261.000
0082	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	202.500
0083	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	32.000
0084	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	20.000
0085	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.320
0086	644E00300	CENTER LINE (WT: 45)	MILE	0.190
0087	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	157.000
0088	644E01500	DOTTED LINE, 4" (WT: 45)	FT	124.000
0089	644E20800	YIELD LINE (WT: 45)	FT	48.000
Total 0007		TRAFFIC CONTROL		
Section	0008	LANDSCAPING		
0090	657E10001	RIPRAP FOR TREE PROTECTION, AS PER PLAN (WT: 46)	SY	545.000
0091	661E00500	MULCH (WT: 46)	CY	8.000

0092	661E19000	DECIDUOUS SHRUB, 12" HEIGHT, RHUS AROMATICA - FRAGRANT SUMAC (WT: 46)	EACH	28.000
0093	661E30060	EVERGREEN SHRUB, 2' HEIGHT, PINUS MUGO - MUGO PINE (WT: 46)	EACH	6.000
Total 0008		LANDSCAPING		
Section 0009		MAINTENANCE OF TRAFFIC		
0094	616E10000	WATER (WT: NR)	MGAL	24.000
Total 0009		MAINTENANCE OF TRAFFIC		
Section 0010		INCIDENTALS		
0095	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0096	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0097	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0098	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0099	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 210241

PID: 12056

Pike

SR 335-21.26

E170(340)

DBE Goal: 9.0%

Date Set for Completion: 9/17/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING PIK-335-21.26 IN PIKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REHABILITATING THE EXISTING STONE ARCH BY REPLACING THE INLET HEADWALL AND WINGWALLS, INTERIOR ARCH REHABILITATION, PATCHING AND PERFORMING OTHER RELATED REPAIRS ON BRIDGE NO. PIK-335-2126.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	52.000
0003	202E53100	MAILBOX REMOVED (WT: NR)	EACH	1.000
0004	203E10000	EXCAVATION (WT: 06)	CY	57.000
0005	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	50.000
0006	606E26100	ANCHOR ASSEMBLY, TYPE E, NCHRP 350 OR MASH 2016 (WT: 36)	EACH	1.000
0007	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	1.000
0008	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	850.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	43.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.120
0012	659E31000	LIME (WT: 46)	ACRE	0.180
0013	659E35000	WATER (WT: 46)	MGAL	5.000
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		

0015	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	31.000
0016	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (24" DIAMETER) (WT: NR)	FT	159.000
0017	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.920
0018	611E10200	24" CONDUIT, TYPE A, 706.02; OR 707.01 (0.064) ALUMINIZED, 707.04, 707.21, 707.33 (WITH WELDED BELL) (WT: 35)	FT	168.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0019	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	264.000
0020	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0021	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	28.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	54.000
0023	407E10000	TACK COAT (WT: 10)	GAL	16.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	5.000
0025	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	7.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0026	621E00100	RPM (WT: 41)	EACH	4.000
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0028	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.100
0029	644E00300	CENTER LINE (WT: 45)	MILE	0.050
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0030	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	12.000
0031	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0032	614E13310	BARRIER REFLECTOR, TYPE 1 (1-WAY) (WT: NR)	EACH	4.000
0033	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	4.000
0034	614E20200	WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.050
0035	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.080
0036	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.270

0037	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	34.000
0038	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0039	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	300.000
0040	616E10000	WATER (WT: NR)	MGAL	7.000
0041	622E41100	PORTABLE BARRIER, UNANCHORED, UNANCHORED (WT: 39)	FT	130.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	STRUCTURE REPAIR (PIK-335-21.26)		
0042	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0043	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 29)	LS	1.000
0044	503E21100	UNCLASSIFIED EXCAVATION (WT: 29)	CY	221.000
0045	503E31120	SHALE EXCAVATION (WT: 29)	CY	523.000
0046	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	14,009.000
0047	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	4.000
0048	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 29)	CY	28.000
0049	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 29)	CY	52.000
0050	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 29)	CY	4.000
0051	511E53010	CLASS QC1 CONCRETE, MISC.: REPLACEMENT WINGWALL STONE (WT: 29)	CY	1.000
0052	511E71200	CONCRETE, MISC.:CLASS QC1, INTERIOR APRON (WT: 29)	SF	114.000
0053	511E81100	CONCRETE, MISC.:CLASS QC SCC, BEARING REPAIR (WT: 29)	FT	189.000
0054	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: NR)	SY	58.000
0055	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	38.000
0056	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	9.000
0057	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	26.000
0058	601E34401	ROCK CHANNEL PROTECTION, WITH GROUT, AS PER PLAN (TYPE A) (WT: 35)	CY	352.000
0059	602E97000	MASONRY, MISC.: PATCHING OF STONE MASONRY (WT: 29)	SF	120.000

0060	602E97000	MASONRY, MISC.:MECHANICAL REPAIR OF STONE FACING (WT: 29)	SF	27.000
------	-----------	--	----	--------

Total 0007	STRUCTURE REPAIR (PIK-335-21.26)
-------------------	---

Section 0008	INCIDENTALS
---------------------	--------------------

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	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
------	-----------	-------------------------------	------	-------

0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
------	-----------	--	----	-------

0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000
------	-----------	-----------------------	----	-------

Total 0008	INCIDENTALS
-------------------	--------------------

Project Number: 210242
PID: 107136
Preble
Spring St Bridge Replacement
E180(299)

DBE Goal: 8.0%

Date Set for Completion: 7/1/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING PRE-SPRING ST. IN PREBLE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. PRE-SPRING ST. BRIDGE, A SINGLE SPAN NONCOMPOSITE BOX BEAM WITH ASPHALT CONCRETE WEARING SURFACE ON EXISTING SUBSTRUCTURE, (SPAN: 32'-5"; ROADWAY: 20' FACE/FACE OF RAILING), OVER ROCKY FORK CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	51.000
0002	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	104.000
0003	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0004	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	25.000
0005	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	3.000
0006	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0007	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	659E00300	TOPSOIL (WT: 46)	CY	49.000
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	441.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	22.000
0011	659E15000	INTER-SEEDING (WT: 46)	SY	22.000
0012	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0013	659E31000	LIME (WT: 46)	ACRE	0.090
0014	659E35000	WATER (WT: 46)	MGAL	2.000
0015	832E30000	EROSION CONTROL (WT: 08)	EACH	632.000
Total	0002	EROSION CONTROL		

Section	0003	DRAINAGE		
0016	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	5.000
0017	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0018	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	36.000
0019	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	18.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	18.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	12.000
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4.000
0023	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	4.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0024	626E00110	BARRIER REFLECTOR, TYPE 2 BIDIRECTIONAL (WT: NR)	EACH	8.000
0025	630E01100	GROUND MOUNTED SUPPORT, NO. 1 POST (WT: 42)	FT	48.000
0026	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0027	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0028	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE OVER 20 FOOT SPAN (PRE SPRING STREET BRIDGE)		
0029	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0030	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0031	202E38500	BRIDGE RAILING REMOVED (WT: NR)	FT	80.000
0032	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	8.000
0033	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	3.000
0034	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	4.000

0035	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	461.000
0036	511E21521	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN (WT: 20)	CY	7.000
0037	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: NR)	SY	21.000
0038	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	77.000
0039	515E10070	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B27-48, 33'-11.5" (WT: 20)	EACH	5.000
0040	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 20)	FT	42.000
0041	516E41100	1/8" PREFORMED BEARING PAD (WT: 20)	EACH	10.000
0042	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), (8" X 8" X 1.42") (WT: 20)	EACH	20.000
0043	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	75.000
0044	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	68.000
0045	520E10000	PNEUMATICALLY PLACED CONCRETE SHOTCRETE (WT: 29)	SF	98.000
0046	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	12.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (PRE SPRING STREET BRIDGE)

Section	0008	INCIDENTALS		
0047	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0050	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0051	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 210243

PID: 97424

Seneca

SR 19/SR 101-09.96/11.82/10.15 Stru (PART 1 AND PART 2)
E140(256)

DBE Goal: 7%

Date Set for Completion: 10/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ADAMS AND SCIPIO TOWNSHIPS, OF SENECA COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AND REPLACING AN EXISTING 77-INCH METAL ARCH PIPE AND TWO EXISTING CONCRETE BOX CULVERTS (SPANS RANGE FROM 84-INCH TO 108-INCH) WITH THREE NEW PRECAST REINFORCED CONCRETE BOX CULVERTS (SPANS RANGE FROM 72-INCH TO 108-INCH). WORK ALSO INCLUDES REPLACING AN EXISTING 10-FT SPAN x 5-FT RADIUS STONE ARCH CULVERT WITH A 10-FT x 9-FT PRECAST REINFORCED CONCRETE BOX CULVERT.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E11005	STRUCTURE REMOVED, AS PER PLAN (WT: 19)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	685.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	78.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	50.000
0006	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	4.000
0007	202E98100	REMOVAL MISC.: TEMPORARY FIELD DRIVE WITH CONDUIT (WT: NR)	EACH	1.000
0008	203E10000	EXCAVATION (WT: 06)	CY	1,777.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	2,524.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	889.000
Total	0001	ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0011	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	94.000
0012	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	154.000

0013	601E32211	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER, AS PER PLAN (WT: 35)	CY	37.000
0014	659E00300	TOPSOIL (WT: 46)	CY	932.000
0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	8,393.000
0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.130
0017	659E35000	WATER (WT: 46)	MGAL	45.000
0018	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,277.000
0019	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	889.000
0020	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0021	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0022	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	7,000.000
Total 0002		EROSION CONTROL (PART 1)		
Section 0003	DRAINAGE (PART 1)			
0024	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0025	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 35)	LS	1.000
0026	203E35120	GRANULAR MATERIAL, TYPE C (WT: 35)	CY	5.000
0027	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0028	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0029	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	8,417.000
0030	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	93.000
0031	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	103.000
0032	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	650.000
0033	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	77.000
0034	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0035	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	25.000
0036	611E02400	8" CONDUIT, TYPE D (WT: 35)	FT	40.000
0037	611E03600	10" CONDUIT, TYPE E (WT: 35)	FT	25.000
0038	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	25.000
0039	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	57.000

0040	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	65.000
0041	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	50.000
0042	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	10.000
0043	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	11.000
0044	611E94700	6' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	84.000
0045	611E94800	8' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	96.000
0046	611E94936	9' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	84.000
0047	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
Total	0003	DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0048	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	184.000
0049	304E20000	AGGREGATE BASE (WT: 09)	CY	335.000
0050	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	114.000
0051	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	57.000
Total	0004	PAVEMENT (PART 1)		
Section	0005	TRAFFIC CONTROL (PART 1)		
0052	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
0053	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	83.000
0054	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000
0055	630E84901	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN (WT: NR)	EACH	1.000
0056	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	11.000
0057	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
Total	0005	TRAFFIC CONTROL (PART 1)		
Section	0006	MAINTENANCE OF TRAFFIC (PART 1)		
0058	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000
0059	304E20000	AGGREGATE BASE (WT: 09)	CY	20.000
0060	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	20.000
0061	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000
0062	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
Total	0006	MAINTENANCE OF TRAFFIC (PART 1)		
Section	0007	ROADWAY (PART 2)		

0063	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0064	202E23000	PAVEMENT REMOVED (WT: NR)	SY	348.000
0065	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	800.000
0066	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	4.000
0067	203E10000	EXCAVATION (WT: 06)	CY	142.000
0068	203E20000	EMBANKMENT (WT: 06)	CY	1,037.000
0069	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	433.000
0070	209E60200	LINEAR GRADING (WT: 06)	STA	10.000
0071	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	425.000
0072	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	4.000
Total 0007		ROADWAY (PART 2)		
Section	0008	EROSION CONTROL (PART 2)		
0073	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	43.000
0074	659E00300	TOPSOIL (WT: 46)	CY	160.000
0075	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,434.000
0076	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.190
0077	659E35000	WATER (WT: 46)	MGAL	1.000
0078	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0008		EROSION CONTROL (PART 2)		
Section	0009	DRAINAGE (PART 2)		
0079	611E00200	4" CONDUIT, TYPE C (WT: 35)	FT	50.000
0080	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0081	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	94.000
0082	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	20.000
0083	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	20.000
Total 0009		DRAINAGE (PART 2)		
Section	0010	PAVEMENT (PART 2)		
0084	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	88.000
0085	304E20000	AGGREGATE BASE (WT: 09)	CY	80.000
0086	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	61.000
0087	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	30.000
Total 0010		PAVEMENT (PART 2)		

Section 0011		TRAFFIC CONTROL (PART 2)		
0088	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1.000
0089	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	12.000
0090	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	9.000
0091	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1.000
0092	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0093	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
Total 0011		TRAFFIC CONTROL (PART 2)		
Section 0012		STRUCTURE 20 FOOT SPAN AND UNDER (SEN-101-9.96) (PART 2)		
0094	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0095	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0096	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0097	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,329.000
0098	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	66.000
0099	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	64.000
0100	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	283.000
0101	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	56.000
0102	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0103	611E95520	10' X 9' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	72.000
Total 0012		STRUCTURE 20 FOOT SPAN AND UNDER (SEN-101-9.96) (PART 2)		
Section 0013		INCIDENTALS (PART 1 AND PART 2)		
0104	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0105	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0106	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0107	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0013		INCIDENTALS (PART 1 AND PART 2)		

Project Number: 210244

PID: 100471

Stark

SR 241-09.71

E160(859)

DBE Goal: 8.0%

Date Set for Completion: 6/30/2023

Type: MINOR RECONSTRUCTION

Plan Cost: \$0.00

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF MASSILON, OF STARK COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING, MILLING, AND RESURFACING 1.59 MILES OF SR 241. WORK ALSO INCLUDES UPGRADING TRAFFIC SIGNALS, REPLACING SIDEWALK, INSTALLING NEW CURB AND GUTTER, AS WELL AS RELATED DRAINAGE WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	6,221.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	54,185.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	15,804.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,873.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	54.000
0007	202E52990	SPECIAL - PARKING BLOCK REMOVED (WT: NR)	EACH	2.000
0008	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0009	202E58001	MANHOLE REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
0010	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	48.000
0011	202E58701	MANHOLE ABANDONED, AS PER PLAN (WT: NR)	EACH	1.000
0012	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, VARIOUS (WT: NR)	FT	79.000
0013	202E75610	VALVE BOX REMOVED (WT: NR)	EACH	30.000
0014	202E98000	REMOVAL MISC.: POSTS, FOUNDATIONS, AND STONES (WT: NR)	LS	1.000
0015	202E98100	REMOVAL MISC.: BUSINESS SIGN TO BE REMOVED AND STORED (WT: NR)	EACH	1.000

0016	202E98700	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE (WT: NR)	FT	9,387.000
0017	203E10000	EXCAVATION (WT: 06)	CY	2,565.000
0018	203E20000	EMBANKMENT (WT: 06)	CY	312.000
0019	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	14,425.000
0020	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	3,714.000
0021	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	3,714.000
0022	204E45000	PROOF ROLLING (WT: NR)	HOUR	7.000
0023	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,103.000
0024	204E51000	GEOGRID (WT: 06)	SY	5,481.000
0025	607E98000	FENCE, MISC.: TEMPORARY CONSTRUCTION FENCE (WT: 37)	FT	400.000
0026	607E98000	FENCE, MISC.: TEMPORARY CONSTRUCTION FENCE WITH GATE (WT: 37)	FT	400.000
0027	608E10000	4" CONCRETE WALK (WT: 38)	SF	54,848.000
0028	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	359.000
0029	608E40000	CONCRETE STEPS, TYPE A (WT: 38)	FT	9.000
0030	608E41000	CONCRETE STEPS, TYPE B (WT: 38)	FT	48.000
0031	608E41001	CONCRETE STEPS, TYPE B, AS PER PLAN (WT: 38)	FT	7.000
0032	608E52000	CURB RAMP (WT: 38)	SF	5,018.000
0033	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	36.000
0034	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	11.000
0035	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	113.000
0036	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	1.000
0037	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	50.000
0038	690E65020	SPECIAL - WORK INVOLVING WATER (WT: NR)	GAL	500.000
0039	690E65024	SPECIAL - WORK INVOLVING REGULATED WATER (WT: NR)	GAL	500.000

Total 0001 ROADWAY

Section 0002	EROSION CONTROL			
0040	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0041	659E00300	TOPSOIL (WT: 46)	CY	1,927.000
0042	659E10000	SEEDING AND MULCHING (WT: 46)	SY	17,360.000
0043	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	868.000
0044	659E15000	INTER-SEEDING (WT: 46)	SY	868.000

0045	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.340
0046	659E31000	LIME (WT: 46)	ACRE	3.590
0047	659E35000	WATER (WT: 46)	MGAL	96.000
0048	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0049	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0050	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0051	832E30000	EROSION CONTROL (WT: 08)	EACH	123,000.000
0052	895E10030	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 3 (WT: 35)	EACH	1.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0053	605E05110	4" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	2,226.000
0054	605E05210	4" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	3,569.000
0055	605E06020	4" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	7,300.000
0056	611E00100	4" CONDUIT, TYPE B (WT: 35)	FT	292.000
0057	611E00100	4" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION (WT: 35)	FT	50.000
0058	611E00200	4" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION (WT: 35)	FT	100.000
0059	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	460.000
0060	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	11.000
0061	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	39.000
0062	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0063	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0064	611E98700	INLET, SIDE DITCH (WT: 35)	EACH	1.000
0065	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	9.000
0066	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	31.000
0067	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	19.000
0068	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	2,000.000

Total 0003 DRAINAGE

Section	0004	DRAINAGE ALTERNATES		
0069	AA1 611E01800	8" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	50.000

0070	AA1	611E03100	10" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	50.000
0071	AA1	611E04400	12" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	1,830.000
0072	AA1	611E05900	15" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	752.000
0073	AA1	611E07400	18" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	49.000
0074	AA1	611E16400	36" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	34.000
0075	AA1	611E19400	42" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	43.000
0076	AA1	611E20900	48" CONDUIT, TYPE B (ALTERNATE 1) (WT: 35)	FT	34.000
0077	AA2	611E01800	8" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	50.000
0078	AA2	611E03100	10" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	50.000
0079	AA2	611E04400	12" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	1,830.000
0080	AA2	611E05900	15" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	752.000
0081	AA2	611E07400	18" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	49.000
0082	AA2	611E16400	36" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	34.000
0083	AA2	611E19400	42" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	43.000
0084	AA2	611E20900	48" CONDUIT, TYPE B 707.33, 707.65 (ALTERNATE 2) (WT: 35)	FT	34.000

Total 0004 DRAINAGE ALTERNATES

Section	0005	PAVEMENT		
0085	203E10000	EXCAVATION (FOR PAVEMENT REPAIR) (WT: 06)	CY	138.000
0086	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	2,500.000
0087	253E01000	PAVEMENT REPAIR (WT: 16)	SY	2,500.000
0088	253E90100	PAVEMENT REPAIR, MISC.: WATER MAIN TRENCH REPAIR (WT: 16)	SY	3,482.000
0089	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIES 0" TO 7") (WT: 13)	SY	31,977.000
0090	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (VARIES) (WT: 13)	SY	200.000

0091	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,574.000
0092	301E48000	ASPHALT CONCRETE BASE, PG64-22 (DRIVEWAYS), 3.5" AND 5" (WT: 10)	CY	49.000
0093	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	2,202.000
0094	304E20001	AGGREGATE BASE, AS PER PLAN (FOR PAVEMENT REPAIR) (WT: 09)	CY	138.000
0095	407E10000	TACK COAT (WT: 10)	GAL	18.000
0096	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	1,710.000
0097	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,631.000
0098	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	1,395.000
0099	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	2,172.000
0100	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN, 1.25" (WT: 10)	CY	13.000
0101	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	1,481.000
0102	452E13040	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	498.000
0103	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	8,706.000
0104	609E23000	COMBINATION CURB AND GUTTER, TYPE 4 (WT: 38)	FT	5,414.000
0105	609E26000	CURB, TYPE 6 (WT: 38)	FT	884.000
0106	690E98100	SPECIAL - REINFORCEMENT MESH FOR SAW CUT JOINTS (WT: 38)	FT	17,895.000
0107	690E98300	SPECIAL - MISC.: BRICK PAVEMENT, FULL DEPTH (WT: 38)	SY	4.000

Total 0005 PAVEMENT

Section	0006	WATER WORK		
0108	638E04900	1" COPPER SERVICE BRANCH (WT: 35)	FT	3,799.000
0109	638E05100	2" COPPER SERVICE BRANCH (WT: 35)	FT	106.000
0110	638E06200	POLYETHYLENE ENCASEMENT (WT: 35)	FT	6,268.000
0111	638E20046	SPECIAL - 6" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (AQUA OHIO TO PROVIDE PIPE ONLY) (WT: 35)	FT	102.000
0112	638E20086	SPECIAL - 8" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (AQUA OHIO TO PROVIDE PIPE ONLY) (WT: 35)	FT	3,852.000

0113	638E20174	SPECIAL - 12" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (AQUA OHIO TO PROVIDE PIPE ONLY) (WT: 35)	FT	1,913.000
0114	638E20214	SPECIAL - 16" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (AQUA OHIO TO PROVIDE PIPE ONLY) (WT: 35)	FT	399.000
0115	638E20498	SPECIAL - VALVE BOX, CITY OF MASSILLON (WT: 35)	EACH	1.000
0116	638E20500	SPECIAL - VALVE BOX ADJUSTED TO GRADE, CITY OF MASSILLON (WT: 35)	EACH	2.000
0117	638E20506	SPECIAL - 2" GATE VALVE WITH VALVE BOX, CITY OF MASSILLON (WT: 35)	EACH	1.000
0118	638E20538	SPECIAL - 6" GATE VALVE WITH VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	6.000
0119	638E20554	SPECIAL - 8" GATE VALVE WITH VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	18.000
0120	638E20586	SPECIAL - 12" GATE VALVE WITH VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	4.000
0121	638E20622	SPECIAL - 16" GATE VALVE WITH VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	4.000
0122	638E20694	SPECIAL - 8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0123	638E20718	SPECIAL - 16" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0124	638E20720	SPECIAL - 16" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	2.000
0125	638E20724	SPECIAL - 16" X 12" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0126	638E20750	SPECIAL - 6" FIRE HYDRANT (AQUA OHIO TO PROVIDE HYDRANT ASSEMBLY AND 6" GATE VALVE ONLY) (WT: 35)	EACH	6.000
0127	638E20760	SPECIAL - FIRE HYDRANT REMOVED AND DISPOSED OF, CITY OF MASSILLON (WT: 35)	EACH	6.000
0128	638E20876	SPECIAL - CUT AND PLUG EXISTING 4" WATER LINE, CITY OF MASSILLON (WT: 35)	EACH	3.000
0129	638E20878	SPECIAL - CUT AND PLUG EXISTING 6" WATER LINE, CITY OF MASSILLON (WT: 35)	EACH	19.000

0130	638E20880	SPECIAL - CUT AND PLUG EXISTING 8" WATER LINE, CITY OF MASSILLON (WT: 35)	EACH	22.000
0131	638E20884	SPECIAL - CUT AND PLUG EXISTING 12" WATER LINE, CITY OF MASSILLON (WT: 35)	EACH	3.000
0132	638E20886	SPECIAL - CUT AND PLUG EXISTING 16" WATER LINE, CITY OF MASSILLON (WT: 35)	EACH	2.000
0133	638E20912	SPECIAL - 1" CURB VALVE AND BOX, CITY OF MASSILLON (WT: 35)	EACH	112.000
0134	638E20916	SPECIAL - 2" CURB VALVE AND BOX, CITY OF MASSILLON (WT: 35)	EACH	2.000
0135	638E98000	WATER WORK, MISC.: 14" X 12" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0136	638E98000	WATER WORK, MISC.: 18" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0137	638E98000	WATER WORK, MISC.: 18" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	1.000
0138	638E98000	WATER WORK, MISC.: 20" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (AQUA OHIO TO PROVIDE VALVE ONLY) (WT: 35)	EACH	2.000
0139	638E98000	WATER WORK, MISC.: CUT AND PLUG EXISTING 14" WATER LINE (WT: 35)	EACH	3.000
0140	638E98000	WATER WORK, MISC.: CUT AND PLUG EXISTING 18" WATER LINE (WT: 35)	EACH	2.000
0141	638E98600	WATER WORK, MISC.: 14" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (AQUA OHIO TO PROVIDE PIPE ONLY) (WT: 35)	FT	10.000
0142	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0143	690E98700	SPECIAL - NON-REINFORCED CONCRETE FOR VERTICAL CLEARANCE OF WATER MAIN (WT: NR)	CY	2.000

Total 0006 WATER WORK

Section 0007 SANITARY SEWER

0144	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN 1 (WT: 35)	EACH	3.000
0145	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN 2 (WT: 35)	EACH	1.000
0146	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN 3 (WT: 35)	EACH	2.000

Total 0007 SANITARY SEWER

Section 0008		LIGHTING			
0147	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	13.000	
0148	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	13.000	
0149	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	3,378.000	
0150	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,911.000	
Total 0008		LIGHTING			
Section 0009		LIGHTING ALTERNATES			
0151	AB1 625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN(ALTERNATE 1) (WT: 43)	EACH	26.000	
0152	AB2 625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN(ALTERNATE 2) (LJ1-110-A13-Y5F WITH 110 TYPE GLOBE AND RELUME LED) (WT: 43)	EACH	26.000	
Total 0009		LIGHTING ALTERNATES			
Section 0010		TRAFFIC CONTROL			
0153	621E00100	RPM (WT: 41)	EACH	10.000	
0154	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	403.500	
0155	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	256.000	
0156	630E08510	STREET NAME SIGN SUPPORT, NO. 2 POST (WT: 42)	FT	23.000	
0157	630E08530	STREET NAME SIGN SUPPORT, NO. 4 POST (WT: 42)	FT	249.000	
0158	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	28.000	
0159	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	32.000	
0160	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	5.000	
0161	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	442.900	
0162	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	45.000	
0163	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	55.000	
0164	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	58.000	
0165	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000	
0166	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000	

0167	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	21.000
0168	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0169	643E00300	CENTER LINE (WT: 45)	MILE	2.740
0170	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.040
0171	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.440
0172	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	2,242.000
0173	644E00500	STOP LINE (WT: 45)	FT	364.000
0174	644E00600	CROSSWALK LINE (WT: 45)	FT	1,262.000
0175	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	52.000
0176	644E01300	LANE ARROW (WT: 45)	EACH	83.000

Total 0010 TRAFFIC CONTROL

Section	0011	TRAFFIC SIGNALS		
0177	625E25300	CONDUIT, 1-1/2", 725.04 (WT: 43)	FT	6,763.000
0178	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	96.000
0179	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	192.000
0180	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	72.000
0181	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	702.000
0182	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	741.000
0183	625E29000	TRENCH (WT: 43)	FT	6,969.000
0184	625E29400	TRENCH IN PAVED AREA (WT: 43)	FT	118.000
0185	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	7.000
0186	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	40.000
0187	625E31600	PULL BOX, MISC.: PULL BOX, 24" X 35" X 26" (WT: 43)	EACH	9.000
0188	625E32000	GROUND ROD (WT: 43)	EACH	28.000
0189	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	7,087.000
0190	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	22.000
0191	632E05065	VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	2.000
0192	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	11.000

0193	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	22.000
0194	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	29.000
0195	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	18.000
0196	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	22.000
0197	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,449.000
0198	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,978.000
0199	632E62820	INTERCONNECT, MISC.: LAYER 2 ETHERNET SWITCH (WT: 44)	EACH	5.000
0200	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	13.000
0201	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	7.000
0202	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	2,361.000
0203	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	4.000
0204	632E77013	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21 DESIGN 3 POLE, WITH MAST ARMS TC-81.21 DESIGN 2 AND DESIGN 1, AS PER PLAN (WT: 44)	EACH	1.000
0205	632E80971	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	3.000
0206	632E80981	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN (WT: 44)	EACH	4.000
0207	632E81001	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4, AS PER PLAN (WT: 44)	EACH	2.000
0208	632E81071	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0209	632E81081	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12, AS PER PLAN (WT: 44)	EACH	1.000
0210	632E81091	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0211	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	7.000
0212	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	5.000
0213	632E90400	SIGNALIZATION, MISC.: TEST HOLE PERFORMED (WT: 44)	EACH	4.000
0214	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	4.000
0215	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000

0216	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	5.000
0217	633E99000	CONTROLLER ITEM, MISC.: UNINTERRUPTIBLE POWER SUPPLY CABINET FOUNDATION AND WORK PAD EXPANSION (WT: 44)	EACH	1.000
0218	804E15020	FIBER OPTIC CABLE, 48 FIBER (WT: 55)	FT	9,122.000
0219	804E32000	DROP CABLE, 6 FIBER (WT: 55)	EACH	5.000
0220	804E34000	FIBER TERMINATION PANEL, 6 FIBER (WT: 55)	EACH	5.000
0221	804E37000	SPLICE ENCLOSURE, BUTT STYLE (WT: 55)	EACH	6.000
0222	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	4.000
0223	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	407.000
0224	809E69241	PREEMPT CONFIRMATION LIGHT, AS PER PLAN (WT: 44)	EACH	17.000
0225	816E30001	VIDEO DETECTION SYSTEM, AS PER PLAN (WT: 44)	EACH	5.000
Total 0011		TRAFFIC SIGNALS		
Section 0012		TRAFFIC SIGNALS ALTERNATES		
0226	AC1 809E69201	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN(ALTERNATE 1) (WT: 44)	EACH	1.000
0227	AC1 809E69211	PREEMPT RECEIVING UNIT, AS PER PLAN(ALTERNATE 1) (WT: 44)	EACH	5.000
0228	AC1 809E69230	PREEMPT PHASE SELECTOR(ALTNERATE 1) (WT: 44)	EACH	5.000
0229	AC2 809E69201	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN(ALTERNATE 2) (OPTICOM GPS PRIORITY CONTROL SYSTEM) (WT: 44)	EACH	1.000
0230	AC2 809E69211	PREEMPT RECEIVING UNIT, AS PER PLAN(ALTERNATE 2) (OPTICOM MODEL 3100 GPS RADIO UNIT) (WT: 44)	EACH	5.000
0231	AC2 809E69230	PREEMPT PHASE SELECTOR(ALTERNATE 2) (OPTICOM MODEL 764 MULTIMODE PHASE SELECTOR) (WT: 44)	EACH	5.000
Total 0012		TRAFFIC SIGNALS ALTERNATES		
Section 0013		MAINTENANCE OF TRAFFIC		
0232	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	378.000
0233	608E10000	4" CONCRETE WALK (WT: 38)	SF	413.000
0234	608E21201	TEMPORARY ASPHALT CONCRETE WALK, AS PER PLAN (WT: 10)	SF	10,000.000
0235	609E16000	CURB, TYPE 2-B (WT: 38)	FT	476.000

0236	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0237	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0238	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	1.000
0239	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0240	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	2.000
0241	614E13310	BARRIER REFLECTOR, TYPE 1, TWO-WAY (WT: NR)	EACH	3.000
0242	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	3.000
0243	614E18010	MAINTAINING TRAFFIC, MISC.: 3" PARTIAL DEPTH PAVEMENT REPAIR (WT: 39)	SF	3,100.000
0244	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000
0245	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.440
0246	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	4.430
0247	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	2.740
0248	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	3.560
0249	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.040
0250	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	1,416.000
0251	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	2,242.000
0252	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	2,155.000
0253	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	52.000
0254	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	495.000
0255	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	364.000
0256	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	151.000
0257	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,262.000
0258	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	58.000

0259	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	83.000
0260	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	19.000
0261	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 10)	LS	1.000
0262	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	216.000
0263	616E10000	WATER (WT: NR)	MGAL	94.000
0264	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	60.000
Total 0013		MAINTENANCE OF TRAFFIC		
Section 0014		MISCELLANEOUS STRUCTURE		
0265	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
Total 0014		MISCELLANEOUS STRUCTURE		
Section 0015		INCIDENTALS		
0266	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0267	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0268	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	28.000
0269	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0270	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0015		INCIDENTALS		

Project Number: 210245

PID: 111645

Stark

TRU

/TRU-TSG FY2021

E200(732)

DBE Goal: 5%

Date Set for Completion: 8/31/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN LIBERTY TOWNSHIP, JACKSON TOWNSHIP, AND THE CITY OF LOUISVILLE, OF TRUMBULL COUNTY AND STARK COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING TRAFFIC SIGNALIZATION MAINTENANCE AND INSTALLATION AT SPECIFIED ROUTES AND INTERSECTIONS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.000
0003	630E79604	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2 (WT: 42)	EACH	1.000
0004	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	18.000
0005	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.150
0006	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	85.000
0007	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	90.000
0008	644E00500	STOP LINE (WT: 45)	FT	190.000
Total	0002	TRAFFIC CONTROL		
Section	0003	TRAFFIC SIGNALS		
0009	632E03200	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 3 SECTION, 12" LENS, 1-WAY (WT: 44)	EACH	2.000

0010	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE BLACK (WT: 44)	EACH	9.000
0011	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN BLACK (WT: 44)	EACH	4.000
0012	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE BLACK (WT: 44)	EACH	8.000
0013	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	944.000
0014	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	653.000
0015	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,380.000
0016	632E90500	SIGNALIZATION, MISC.:REMOVE AND REINSTALL LASHING RODS (WT: 44)	FT	944.000
0017	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0018	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	29.000
Total 0003		TRAFFIC SIGNALS		
Section 0004		MAINTENANCE OF TRAFFIC		
0019	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005		INCIDENTALS		
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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0023	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210246

PID: 111008

Trumbull

SR 46-06.50

E191(311)

DBE Goal: 7.0%

Date Set for Completion: 9/9/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING A SECTION OF HOWLAND TOWNSHIP, OF TRUMBULL COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY EXTENDING THE SOUTHBOUND RIGHT TURN LANE OF NILES CORTLAND ROAD (SR-46) AT THE INTERSECTION HIDDEN HILLS AN EXTRA 400 FT, INCLUDING INSTALLING NEW CURB AND RELATED DRAINAGE ITEMS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	155.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	478.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	13.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0006	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0007	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	5.000
0008	203E10000	EXCAVATION (WT: 06)	CY	466.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	119.000
0010	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	50.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,012.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0013	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	3.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0015	659E00300	TOPSOIL (WT: 46)	CY	107.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	963.000

0017	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	48.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.130
0019	659E31000	LIME (WT: 46)	ACRE	0.200
0020	659E35000	WATER (WT: 46)	MGAL	5.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	1,500.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0022	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	103.000
0023	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	385.000
0024	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	10.000
0025	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0026	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	5.000
0027	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0028	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0029	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0030	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0031	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0032	611E99720	INSPECTION WELL (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0033	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	160.000
0034	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	192.000
0035	304E20000	AGGREGATE BASE, 6" Ax6/36 (WT: 09)	CY	138.000
0036	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	148.000
0037	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	69.000
0038	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN, PG64-22 (WT: 10)	CY	3.000
0039	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	77.000

0040	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	38.000
0041	609E26000	CURB, TYPE 6 (WT: 38)	FT	480.000
0042	690E98100	SPECIAL - REINFORCEMENT MESH FOR LONGITUDINAL JOINTS (WT: 10)	FT	480.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0043	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0044	630E72551	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13, AS PER PLAN (WT: 42)	EACH	1.000
0045	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	4.000
0046	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	41.000
0047	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0048	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0049	630E89810	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-17.10 (WT: NR)	EACH	1.000
0050	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.100
0051	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	438.000
0052	646E10400	STOP LINE (WT: 45)	FT	12.000
0053	646E20300	LANE ARROW (WT: 45)	EACH	6.000
0054	646E20504	DOTTED LINE, 6" (WT: 45)	FT	44.000
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0055	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	MAINTENANCE OF TRAFFIC		
0056	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0057	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0058	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0059	616E10000	WATER (WT: NR)	MGAL	2.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		
0060	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0061	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0062	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0063	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0064	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210247

PID: 113596

Warren

CR 19-02.67 S. Dixie Hwy

E201(046)

DBE Goal: 6.0%

Date Set for Completion: 9/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF FRANKLIN, WARREN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING EXISTING ASPHALT AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	3.200
0002	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	62.000
0003	609E18001	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN (WT: 38)	FT	7.000
0004	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	260.000
0005	617E25000	WATER (WT: NR)	MGAL	1.000
Total 0001	ROADWAY			
Section 0002	PAVEMENT			
0006	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	1,300.000
0007	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3" (WT: 13)	SY	30,630.000
0008	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	3,059.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,598.000
0010	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	1,106.000
0011	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	1,488.000
Total 0002	PAVEMENT			
Section 0003	TRAFFIC CONTROL			
0012	621E00100	RPM (WT: 41)	EACH	160.000

0013	644E00100	EDGE LINE, 4" (WT: 45)	MILE	3.200
0014	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.280
0015	644E00300	CENTER LINE (WT: 45)	MILE	1.600
0016	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	478.000
0017	644E00500	STOP LINE (WT: 45)	FT	22.000
0018	644E00600	CROSSWALK LINE (WT: 45)	FT	123.000
0019	644E00720	CHEVRON MARKING (WT: 45)	FT	86.000
0020	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0021	644E01300	LANE ARROW (WT: 45)	EACH	10.000
0022	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	2.000

Total 0003 TRAFFIC CONTROL

Section 0004	MAINTENANCE OF TRAFFIC			
0023	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	8.000
0024	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	0.300
0025	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.300
0026	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	1.600
0027	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.600
0028	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	3.200
0029	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	3.200
0030	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	478.000
0031	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	478.000
0032	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	22.000
0033	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	10.000
0034	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	10.000
0035	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	EACH	2.000
0036	614E31620	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT (WT: 39)	EACH	2.000
0037	614E32000	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I (WT: 39)	EACH	2.000
0038	614E32210	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT (WT: 39)	EACH	2.000

Total 0004 MAINTENANCE OF TRAFFIC

Section 0005		INCIDENTALS		
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
Total 0005		INCIDENTALS		

Project Number: 210248

PID: 111500

Wayne

SR 302-01.86

E200(420)

DBE Goal: 7.0%

Date Set for Completion: 8/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	3,013.000
0002	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	2,224.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	460.000
0004	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	437.500
0005	202E42011	ANCHOR ASSEMBLY REMOVED, TYPE E, AS PER PLAN (WT: NR)	EACH	1.000
0006	202E42041	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN (WT: NR)	EACH	1.000
0007	202E47800	IMPACT ATTENUATOR REMOVED (WT: NR)	EACH	2.000
0008	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	7.000
0009	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	7.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,013.000
0011	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	4.255
0012	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	3.340
0013	606E16000	GUARDRAIL REBUILT (WT: 36)	FT	81.250
0014	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	175.000
0015	606E27850	ANCHOR ASSEMBLY REBUILT, TYPE E (WT: 36)	EACH	2.000
0016	606E35150	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 4 (WT: 36)	EACH	12.000

0017	606E60050	IMPACT ATTENUATOR, TYPE 3 (BIDIRECTIONAL) (62 MPH, 30" WIDTH) (WT: 36)	EACH	2.000
0018	622E10161	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN (WT: 38)	FT	70.000
0019	622E10161	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN (TRANSITION SECTION, FULL WIDTH CONCRETE) (WT: 38)	FT	80.000
0020	622E25001	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN (WT: 38)	EACH	2.000
0021	622E25051	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN (WT: 38)	EACH	4.000
0022	623E39600	MONUMENT BOX RECONSTRUCTED TO GRADE (WT: NR)	EACH	1.000
0023	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	16.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0024	601E26000	DUMPED ROCK FILL, TYPE B (WT: 35)	CY	7.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0026	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	18.000
0027	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	4.000
0028	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0029	251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (LONGITUDINAL) (WT: 16)	CY	252.000
0030	251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (TRANSVERSE) (WT: 16)	CY	108.000
0031	253E02000	PAVEMENT REPAIR (LONGITUDINAL) (WT: 16)	CY	12.000
0032	253E02000	PAVEMENT REPAIR (TRANSVERSE) (WT: 16)	CY	6.000
0033	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.50") (WT: 13)	SY	49,809.000
0034	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	257.000
0035	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	754.000
0036	304E20000	AGGREGATE BASE (WT: 09)	CY	503.000

0037	407E10000	TACK COAT (WT: 10)	GAL	1,517.000
0038	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,711.000
0039	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	1,569.000
0040	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (PG64- 22) (1.50") (WT: 10)	CY	2,329.000
0041	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	230.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0042	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	5.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC CONTROL		
0043	621E00100	RPM (WT: 41)	EACH	91.000
0044	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	87.000
0045	626E00102	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	6.000
0046	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000
0047	642E00104	EDGE LINE, 6", TYPE 1 (WHITE) (WT: 45)	MILE	4.730
0048	642E00104	EDGE LINE, 6", TYPE 1 (YELLOW) (WT: 45)	MILE	0.680
0049	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.680
0050	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.050
0051	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	747.000
0052	644E00500	STOP LINE (WT: 45)	FT	45.000
0053	644E00700	TRANSVERSE/DIAGONAL LINE (YELLOW) (WT: 45)	FT	991.000
0054	644E00720	CHEVRON MARKING (WHITE) (WT: 45)	FT	123.000
0055	644E00900	ISLAND MARKING (WHITE) (WT: 45)	SF	5.000
0056	644E00900	ISLAND MARKING (YELLOW) (WT: 45)	SF	211.000
0057	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	1.000
0058	644E01300	LANE ARROW (WT: 45)	EACH	2.000
0059	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	2.000
0060	644E01510	DOTTED LINE, 6" (WT: 45)	FT	1,229.000
Total 0006		TRAFFIC CONTROL		
Section	0007	TRAFFIC CONTROL ALTERNATES		
0061	AA1 642E00404	CHANNELIZING LINE, 12", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	459.000

0062	AA1	642E00500	STOP LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	238.000
0063	AA1	642E00600	CROSSWALK LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,137.000
0064	AA1	642E00601	CROSSWALK LINE, TYPE 1, AS PER PLAN (ALTERNATE 1) (WT: 45)	FT	52.000
0065	AA1	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	3.000
0066	AA1	642E01300	LANE ARROW, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	17.000
0067	AA1	642E01510	DOTTED LINE, 6", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	235.000
0068	AA2	644E00404	CHANNELIZING LINE, 12" (ALTERNATE 2) (WT: 45)	FT	459.000
0069	AA2	644E00500	STOP LINE (ALTERNATE 2) (WT: 45)	FT	238.000
0070	AA2	644E00600	CROSSWALK LINE (ALTERNATE 2) (WT: 45)	FT	1,137.000
0071	AA2	644E00601	CROSSWALK LINE, AS PER PLAN (ALTERNATE 2) (WT: 45)	FT	52.000
0072	AA2	644E01000	RAILROAD SYMBOL MARKING (ALTERNATE 2) (WT: 45)	EACH	3.000
0073	AA2	644E01300	LANE ARROW (ALTERNATE 2) (WT: 45)	EACH	17.000
0074	AA2	644E01510	DOTTED LINE, 6" (ALTERNATE 2) (WT: 45)	FT	235.000
Total 0007		TRAFFIC CONTROL ALTERNATES			
Section 0008	MAINTENANCE OF TRAFFIC				
0075	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000	
0076	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	28.000	
0077	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000	
0078	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000	
0079	614E20510	WORK ZONE LANE LINE, CLASS II, 6", 642 PAINT (WT: 39)	MILE	1.360	
0080	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	3.940	
0081	614E23670	WORK ZONE CHANNELIZING LINE, CLASS II, 12", 642 PAINT (WT: 39)	FT	918.000	
0082	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	566.000	
Total 0008		MAINTENANCE OF TRAFFIC			
Section 0009	INCIDENTALS				

0083	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0084	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0085	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0086	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0087	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0088	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210249

PID: 99575

Williams

SR-SR 576-16.55 Resrf/Brg (PART 1 AND PART 2)

E150(264)

DBE Goal: 7.0%

Date Set for Completion: 10/29/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

THIS IS A TWO PART PROJECT. PART 1: FOR IMPROVING VARIOUS SECTIONS WITHIN BRIDGEWATER TOWNSHIP, OF WILLIAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING SR 576 FROM THE US 20/SR 576 INTERSECTION TO THE OHIO/MICHIGAN STATE LINE AND REPLACING AN EXISTING SLAB TOP CULVERT WITH A 48" PIPE, INCLUDING ALL RELATED ITEMS OF WORK. PART 2: FOR IMPROVING VARIOUS SECTIONS WITHIN BRIDGEWATER TOWNSHIP, OF WILLIAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A 3-SPAN CONCRETE SLAB BRIDGE WITH A SINGLE SPAN PRESTRESSED CONCRETE BOX BEAM BRIDGE OVER CLEAR FORK CREEK AND ADJUSTING THE SLOPE OF THE ROADWAY AROUND THE STRUCTURE, INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	209.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,200.000
0005	203E10000	EXCAVATION (WT: 06)	CY	450.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	5,696.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	209.000
0008	209E60500	LINEAR GRADING (WT: 06)	MILE	8.000
0009	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	8.000
Total	0001	ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0010	601E26000	DUMPED ROCK FILL, TYPE B (WT: 35)	CY	200.000
0011	601E28000	DUMPED ROCK FILL, TYPE D (WT: 35)	CY	667.000
0012	659E00300	TOPSOIL (WT: 46)	CY	7.000

0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,995.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0015	659E35000	WATER (WT: 46)	MGAL	3.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	DRAINAGE (PART 1)		
0017	602E20000	CONCRETE MASONRY (WT: 35)	CY	18.000
0018	611E20900	48" CONDUIT, TYPE B, RCP (WT: 35)	FT	84.000
Total	0003	DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0019	253E02000	PAVEMENT REPAIR (WT: 16)	CY	853.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3 1/4" THICKNESS (WT: 13)	SY	56,472.000
0021	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	47.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	35.000
0023	407E20000	NON-TRACKING TACK COAT, INTERMEDIATE COURSE (WT: 10)	GAL	4,784.000
0024	407E20000	NON-TRACKING TACK COAT, SURFACE COURSE (WT: 10)	GAL	3,096.000
0025	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	71.000
0026	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22, 1 1/2" THICKNESS (WT: 10)	CY	2,345.000
0027	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	29.000
0028	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), 1 3/4" THICKNESS (WT: 10)	CY	2,736.000
0029	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	827.000
0030	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	5,624.000
Total	0004	PAVEMENT (PART 1)		
Section	0005	TRAFFIC CONTROL (PART 1)		
0031	621E00100	RPM (WT: 41)	EACH	293.000
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	293.000
0033	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	7.940
0034	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	3.970
0035	644E00500	STOP LINE (WT: 45)	FT	30.000

Total 0005		TRAFFIC CONTROL (PART 1)		
Section 0006	STRUCTURE REPAIR (WIL-576-1772) (PART 1)			
0036	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	716.000
0037	516E31000	JOINT SEALER (WT: 29)	FT	67.000
Total 0006		STRUCTURE REPAIR (WIL-576-1772) (PART 1)		
Section 0007	MAINTENANCE OF TRAFFIC (PART 1)			
0038	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	10.000
0039	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0040	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0041	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	15.000
Total 0007		MAINTENANCE OF TRAFFIC (PART 1)		
Section 0008	ROADWAY (PART 2)			
0042	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0043	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,660.000
0044	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	791.000
0045	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	4.000
0046	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0047	202E75001	FENCE REMOVED, AS PER PLAN (WT: NR)	FT	20.000
0048	203E10000	EXCAVATION (WT: 06)	CY	1,717.000
0049	203E20000	EMBANKMENT (WT: 06)	CY	2,832.000
0050	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,985.000
0051	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	230.000
0052	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	260.000
0053	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0054	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	780.000
0055	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	700.000
0056	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0057	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total 0008		ROADWAY (PART 2)		
Section 0009	EROSION CONTROL (PART 2)			
0058	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	380.000

0059	659E00300	TOPSOIL (WT: 46)	CY	356.000
0060	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,206.000
0061	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	160.000
0062	659E15000	INTER-SEEDING (WT: 46)	SY	160.000
0063	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.450
0064	659E31000	LIME (WT: 46)	ACRE	0.660
0065	659E35000	WATER (WT: 46)	MGAL	18.000
0066	832E30000	EROSION CONTROL (WT: 08)	EACH	9,000.000
Total 0009 EROSION CONTROL (PART 2)				
Section	0010	DRAINAGE (PART 2)		
0067	605E31100	AGGREGATE DRAINS (WT: 35)	FT	178.000
0068	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0069	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0070	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	50.000
0071	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	50.000
Total 0010 DRAINAGE (PART 2)				
Section	0011	PAVEMENT (PART 2)		
0072	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	283.000
0073	304E20000	AGGREGATE BASE (WT: 09)	CY	362.000
0074	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	200.000
0075	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	77.000
0076	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	88.000
Total 0011 PAVEMENT (PART 2)				
Section	0012	TRAFFIC CONTROL (PART 2)		
0077	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	9.000
0078	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	1.000
0079	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	14.000
0080	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	8.000
0081	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1.000
0082	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0083	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000

Total 0012		TRAFFIC CONTROL (PART 2)		
Section 0013	MAINTENANCE OF TRAFFIC (PART 2)			
0084	616E10000	WATER (WT: NR)	MGAL	9.000
Total 0013	MAINTENANCE OF TRAFFIC (PART 2)			
Section 0014	STRUCTURE OVER 20 FOOT SPAN (8603244) (PART 2)			
0085	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0086	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	67.000
0087	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	350.000
0088	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0089	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0090	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0091	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	880.000
0092	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	960.000
0093	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	17,896.000
0094	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	72.000
0095	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	77.000
0096	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	114.000
0097	515E12091	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48, AS PER PLAN (81'-0 1/2") (WT: 20)	EACH	8.000
0098	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	45.000
0099	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	14.000
0100	516E20010	1" ELASTOMERIC ERECTION STRIP (WT: 20)	SF	67.000
0101	516E41100	1/8" PREFORMED BEARING PAD (WT: 20)	EACH	16.000
0102	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	172.000
0103	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	LS	1.000
0104	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	195.000
0105	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	103.000

0106	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0107	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	1.000
0108	526E15000	REINFORCED CONCRETE APPROACH SLABS (T=13") (WT: 29)	SY	142.000
0109	526E90021	TYPE B INSTALLATION, AS PER PLAN (WT: 29)	SY	37.000

Total 0014 STRUCTURE OVER 20 FOOT SPAN (8603244) (PART 2)

Section	0015	INCIDENTALS (PART 1 AND PART 2)		
0110	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0111	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0112	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0113	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0015 INCIDENTALS (PART 1 AND PART 2)

Project Number: 210250
PID: 103162
Cuyahoga
BH FY2021(A) Misc (PART 1 AND PART 2)

EDGE Goal: 8.0%
Date Set for Completion: 6/15/2022
Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY SUBSTRUCTURE REPAIR AND PATCHING, SEALING CONCRETE SURFACES, EXPANSION JOINT REPLACEMENT, BEARING REPLACEMENT, VANDAL PROTECTION FENCE INSTALLATION, FIBER WRAPPING AND PERFORMING OTHER RELATED REPAIRS ON NUMEROUS BRIDGES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E75000	FENCE REMOVED (WT: NR)	FT	140.000
0003	203E10000	EXCAVATION (WT: 06)	CY	25.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	38.000
0005	607E20000	FENCE, TYPE CL (WT: 37)	FT	140.000
0006	607E98000	FENCE, MISC.: FENCE REMOVED AND REERECTED (WT: 37)	FT	90.000
0007	690E98400	SPECIAL - SITE ACCESS (WT: NR)	LS	1.000
Total	0001	ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0008	659E00300	TOPSOIL (WT: 46)	CY	8.000
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	65.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	4.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0012	659E35000	WATER (WT: 46)	MGAL	1.000
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	PAVEMENT (PART 1)		
0014	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	16.000

0015	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	82.000
Total 0003		PAVEMENT (PART 1)		
Section	0004	TRAFFIC CONTROL (PART 1)		
0016	621E00300	RPM REFLECTOR (WT: 41)	EACH	118.000
0017	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	118.000
0018	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.010
Total 0004		TRAFFIC CONTROL (PART 1)		
Section	0005	STRUCTURE REPAIR (CUY-71-0579, SFN 1804081 SB SFN 1804111 NB - LOCATION 1) (PART 1)		
0019	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0020	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	2,405.000
0021	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	1,072.000
0022	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	539.000
0023	513E21599	STRUCTURAL STEEL FOR REHABILITATION (BOTTOM FLANGE RETROFITS) (WT: 29)	LB	12,887.000
0024	514E00100	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	LS	1.000
0025	514E00200	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	LS	1.000
0026	514E00300	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	LS	1.000
0027	514E00401	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	LS	1.000
0028	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	556.000
0029	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	284.000
0030	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	9.000
Total 0005		STRUCTURE REPAIR (CUY-71-0579, SFN 1804081 SB SFN 1804111 NB - LOCATION 1) (PART 1)		
Section	0006	STRUCTURE REPAIR (CUY-71-0856, SFN 1804359 - LOCATION 2) (PART 1)		
0031	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0032	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	298.000

0033	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	6.000
0034	513E21501	REPLACEMENT OF DETERIORATED END CROSSFRAMES, AS PER PLAN (WT: 29)	LB	639.000
0035	513E21599	STRUCTURAL STEEL FOR REHABILITATION (BOTTOM FLANGE RETROFITS) (WT: 29)	LB	10,100.000
0036	514E00100	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	LS	1.000
0037	514E00200	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	LS	1.000
0038	514E00300	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	LS	1.000
0039	514E00401	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	LS	1.000
0040	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, (2.190"x8"x12" WITH 2-7/8" or 2-1/2" LOAD PLATE WITH SHIMS) (WT: 29)	EACH	38.000
0041	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0042	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	629.000
0043	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	93.000
0044	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	13.000
Total 0006		STRUCTURE REPAIR (CUY-71-0856, SFN 1804359 - LOCATION 2) (PA RT 1)		
Section 0007		STRUCTURE REPAIR (CUY-71-1007, SFN 1814257 - LOCATION 3) (PA RT 1)		
0045	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	10.000
0046	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
Total 0007		STRUCTURE REPAIR (CUY-71-1007, SFN 1814257 - LOCATION 3) (PA RT 1)		
Section 0008		STRUCTURE REPAIR (CUY-271-0972 & 0974, SFN 1811401 EB SFN 18 11436 WB - LOCATION 4) (PART 1)		
0047	202E75260	VANDAL PROTECTION FENCE REMOVED (WT: NR)	FT	858.000
0048	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	3,072.000

0049	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	408.000
0050	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	399.000
0051	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	2.000
0052	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0053	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	7,057.000
0054	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	77.000
0055	530E00600	SPECIAL - STRUCTURES, BOTTOM OF DECK SPALL REMOVAL ALONG BEAMS (WT: 29)	SF	4,110.000
0056	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	854.000
0057	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	737.000
Total 0008	STRUCTURE REPAIR (CUY-271-0972 & 0974, SFN 1811401 EB SFN 18 11436 WB - LOCATION 4) (PART 1)			

Section 0009	STRUCTURE REPAIR (CUY-480-0126, SFN 1814028 - LOCATION 5) (P ART 1)			
0058	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	26.000
0059	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	25.000
0060	516E15000	STRUCTURAL JOINT OR JOINT SEALER, MISC.: ADDING DIAMOND PLATE COVER TO JOINT (WT: 29)	EACH	2.000
0061	518E12500	SCUPPER, MISC.: CORING AND INSTALLING PVC DOWNSPOUT (WT: 29)	EACH	6.000
0062	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	752.000
0063	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	16.000
0064	530E00600	SPECIAL - STRUCTURES, BOTTOM OF DECK SLAB SPALL REMOVAL (WT: 29)	SF	44.000
0065	607E98100	FENCE, MISC.: REPAIR DAMAGED FENCE ON NORTH ABUTMENT LANDING (WT: 37)	EACH	1.000
0066	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	106.000
Total 0009	STRUCTURE REPAIR (CUY-480-0126, SFN 1814028 - LOCATION 5) (P ART 1)			

Section 0010		STRUCTURE REPAIR (CUY-480-0177, SFN 1814044 - LOCATION 6) (P ART 1)		
0067	202E30000	WALK REMOVED (WT: NR)	SF	520.000
0068	202E75260	VANDAL PROTECTION FENCE REMOVED (WT: NR)	FT	587.000
0069	304E20000	AGGREGATE BASE (WT: 09)	CY	17.000
0070	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	24.000
0071	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	23.000
0072	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	889.000
0073	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	4.000
0074	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	586.000
0075	608E12000	5" CONCRETE WALK (WT: 38)	SF	520.000
0076	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	48.000
Total 0010		STRUCTURE REPAIR (CUY-480-0177, SFN 1814044 - LOCATION 6) (P ART 1)		
Section 0011		STRUCTURE REPAIR (CUY-480-0501, SFN 1814125 - LOCATION 7) (P ART 1)		
0077	201E21801	TREE REMOVED, 18", AS PER PLAN (WT: NR)	EACH	1.000
0078	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0079	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	355.000
0080	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	59.000
0081	511E45710	CLASS QC1 CONCRETE, ABUTMENT (BACKWALL REPAIR) (WT: 29)	CY	3.000
0082	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	958.000
0083	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	885.000
0084	513E95030	STRUCTURAL STEEL, MISC.: DRILLING STRUCTURAL STEEL, GRINDING AND NDT (WT: 29)	EACH	26.000
0085	513E95030	STRUCTURAL STEEL, MISC.: PENCIL ABRASIVE BLASTING, GRINDING, AND NDT (WT: 29)	EACH	13.000

0086	516E10001	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL, AS PER PLAN (WT: 27)	FT	57.000
0087	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	20.000
0088	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0089	517E74500	RAILING, CONCRETE (QC2), REPLACEMENT OF DAMAGED SECTIONS (WT: 38)	FT	39.000
0090	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	868.000
0091	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	495.000
0092	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (FOR OVERNIGHT REPAIRS) (WT: 29)	SY	6.000
0093	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	27.000

Total 0011 STRUCTURE REPAIR (CUY-480-0501, SFN 1814125 - LOCATION 7) (P ART 1)

Section	0012	MAINTENANCE OF TRAFFIC (PART 1)		
0094	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	80.000
0095	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	4,743.000
0096	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	3.000
0097	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	1,658.000
0098	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	117.000
0099	614E13312	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	41.000
0100	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	148.000
0101	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	13.000
0102	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	9.200
0103	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	35,603.000
0104	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	3,600.000
0105	614E98100	WORK ZONE PAVEMENT MARKING, MISC.: REMOVABLE, NONREFLECTIVE PREFORMED BLACKOUT TAPE (WT: 39)	FT	52,799.000
0106	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,570.000

Total 0012 MAINTENANCE OF TRAFFIC (PART 1)

Section	0013	ROADWAY (PART 2)		
0107	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0108	203E10000	EXCAVATION (WT: 06)	CY	100.000
0109	203E20000	EMBANKMENT (WT: 06)	CY	100.000
0110	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,839.000
0111	690E98400	SPECIAL - SITE ACCESS (WT: NR)	LS	1.000
Total	0013	ROADWAY (PART 2)		
Section	0014	EROSION CONTROL (PART 2)		
0112	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0014	EROSION CONTROL (PART 2)		
Section	0015	PAVEMENT (PART 2)		
0113	252E01000	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT (WT: 16)	SY	383.000
0114	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	686.000
0115	304E20000	AGGREGATE BASE (WT: 09)	CY	307.000
Total	0015	PAVEMENT (PART 2)		
Section	0016	TRAFFIC CONTROL (PART 2)		
0116	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.000
0117	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0118	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0119	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.070
0120	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.150
0121	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	238.000
0122	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	32.000
0123	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	380.000
0124	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	3.000
0125	642E01400	WORD ON PAVEMENT, 72", TYPE 1 (WT: 45)	EACH	1.000
0126	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.290
0127	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.520
0128	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	448.000
0129	646E20504	DOTTED LINE, 6" (WT: 45)	FT	179.000
Total	0016	TRAFFIC CONTROL (PART 2)		
Section	0017	STRUCTURE REPAIR (CUY-480-0612) (PART 2)		

0130	202E75261	VANDAL PROTECTION FENCE REMOVED, AS PER PLAN (WT: NR)	FT	579.000
0131	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	406.000
0132	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	322.000
0133	516E12310	SIDEWALK COVER PLATE (WT: 29)	LB	68.000
0134	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	1.000
0135	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0136	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	595.000
0137	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	98.000
0138	530E00600	SPECIAL - STRUCTURES, PERMANENT TRAFFIC PROTECTION, AS PER PLAN (WT: 29)	SF	8,937.000
0139	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	579.000
Total 0017 STRUCTURE REPAIR (CUY-480-0612) (PART 2)				
Section 0018 STRUCTURE REPAIR (CUY-480-0616) (PART 2)				
0140	201E23000	TREE REMOVED, 30" (WT: NR)	EACH	1.000
0141	202E75261	VANDAL PROTECTION FENCE REMOVED, AS PER PLAN (WT: NR)	FT	893.000
0142	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	626.000
0143	512E71500	SPECIAL - URETHANE TOP COAT SEALER (WT: 57)	SY	69.000
0144	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	483.000
0145	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	746.000
0146	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	1,045.000
0147	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	24.000
0148	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	893.000
0149	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	84.000
Total 0018 STRUCTURE REPAIR (CUY-480-0616) (PART 2)				

Section 0019		STRUCTURE REPAIR (CUY-480-1075) (PART 2)		
0150	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0151	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	924.000
0152	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	924.000
0153	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,050.000
0154	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	5,545.000
0155	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	71.000
0156	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 29)	CY	50.000
0157	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	122.000
0158	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 31)	LB	36,000.000
0159	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	5,603.000
0160	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	5,603.000
0161	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	9,294.000
0162	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	9,294.000
0163	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	7.000
0164	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	5.000
0165	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	725.000
0166	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	277.000
0167	516E44000	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (10"X12"X1.648" WITH A 12"X14"X1" LOAD PLATE) (WT: 29)	EACH	1.000
0168	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"X6"X2.222" WITH A 14"X8"X1" LOAD PLATE) (WT: 29)	EACH	1.000
0169	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"X12"X2.398" WITH A 17"X14"X1" LOAD PLATE) (WT: 29)	EACH	20.000

0170	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"X12"X2.398" WITH A 18"X14"X1" LOAD PLATE) (WT: 29)	EACH	1.000
0171	516E44400	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"X12"X5.694" WITH A 17"X14"X1" LOAD PLATE) (WT: 29)	EACH	18.000
0172	516E44400	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"X12"X5.694" WITH A 18"X17"X1" LOAD PLATE) (WT: 29)	EACH	1.000
0173	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0174	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	379.000
0175	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	7.000
0176	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	924.000

Total 0019 STRUCTURE REPAIR (CUY-480-1075) (PART 2)

Section	0020	MAINTENANCE OF TRAFFIC (PART 2)		
0177	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0178	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,680.000
0179	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0180	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0181	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	4,164.000
0182	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	129.000
0183	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	129.000
0184	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000
0185	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.270
0186	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	7.260
0187	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.190
0188	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	47,280.000

0189	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	665.000
0190	614E30400	WORK ZONE ARROW, CLASS I, 740.06, TYPE I (WT: 39)	EACH	6.000
0191	614E98100	WORK ZONE PAVEMENT MARKING, MISC.: REMOVABLE, NON-REFLECTIVE BLACKOUT TAPE (WT: 39)	FT	35,420.000
0192	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0193	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	296.000
0194	621E00300	RPM REFLECTOR (WT: 41)	EACH	201.000
0195	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	201.000
0196	622E41050	PORTABLE BARRIER, "Y" CONNECTOR (WT: 39)	EACH	2.000
0197	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	5,990.000
Total 0020 MAINTENANCE OF TRAFFIC (PART 2)				
Section	0021	INCIDENTALS (PART 1 AND PART 2)		
0198	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0199	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0200	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0201	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	24.000
0202	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0203	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0021 INCIDENTALS (PART 1 AND PART 2)				

Project Number: 210251

PID: 114147

D06

FAY, FRA, MAD

ITS Maint FY 2021

EDGE Goal: 5.0%

Date Set for Completion: 6/30/2023

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS THROUGHOUT DELAWARE, FAYETTE, FRANKLIN, MADISON, MARION, MORROW, AND UNION COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PROVIDING INTELLIGENT TRAFFIC SYSTEM (ITS) MAINTENANCE AND IMPROVEMENTS AT SPECIFIED LOCATIONS THROUGHOUT ODOT'S DISTRICT 6. PROJECT INCLUDES RELOCATING POLES, PERFORMING REPAIRS, INSTALLING PROPOSED ITS LOCATIONS, AND OTHER RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	TRAFFIC SURVEILLANCE		
0003	625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	EACH	1.000
0004	625E14501	LIGHT POLE FOUNDATION, AS PER PLAN50 FT CCTV POLE (WT: 43)	EACH	1.000
0005	625E14501	LIGHT POLE FOUNDATION, AS PER PLAN70 FT CCTV POLE (WT: 43)	EACH	1.000
0006	625E22900	NO. 1/0 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,250.000
0007	625E22990	NO. 6 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,000.000
0008	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,000.000
0009	625E23100	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,000.000
0010	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	200.000

0011	625E25740	CONDUIT, MULTICELL4", 725.20, HDPE (WT: 43)	FT	500.000
0012	625E25740	CONDUIT, MULTICELL4", 725.20, JACKED OR DRILLED (WT: 43)	FT	50.000
0013	625E25908	CONDUIT, JACKED OR DRILLED, 725.0522", SCHEDULE 80 (WT: 43)	FT	50.000
0014	625E29010	TRENCH, 30" DEEP (WT: 43)	FT	700.000
0015	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	25.000
0016	625E30711	PULL BOX, 725.08, 32", AS PER PLAN (WT: 43)	EACH	5.000
0017	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	25.000
0018	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	700.000
0019	625E98000	LIGHTING, MISC.:STEP-DOWN TRANSFORMER AND SUPPORT (WT: 43)	EACH	3.000
0020	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	1.000
0021	632E70001	POWER SERVICE, AS PER PLANA (WT: 44)	EACH	1.000
0022	632E70001	POWER SERVICE, AS PER PLANB (WT: 44)	EACH	14.000
0023	632E70001	POWER SERVICE, AS PER PLANC (WT: 44)	EACH	1.000
0024	632E70001	POWER SERVICE, AS PER PLAND (WT: 44)	EACH	1.000
0025	632E70001	POWER SERVICE, AS PER PLANE (WT: 44)	EACH	33.000
0026	632E70001	POWER SERVICE, AS PER PLANF (WT: 44)	EACH	2.000
0027	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0028	632E89300	WOOD POLE (WT: 44)	EACH	1.000
0029	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0030	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	10.000
0031	804E98000	FIBER OPTIC CABLE, MISC.:INSTALL ONLY (WT: 55)	FT	5,000.000
0032	809E65990	ITS DEVICE, MISC.:CCTV POLE, 50' STEEL, REMOVE AND REINSTALL (WT: 44)	EACH	1.000
0033	809E65990	ITS DEVICE, MISC.:CCTV POLE, 70' STEEL, REMOVE AND REINSTALL (WT: 44)	EACH	1.000
0034	809E65990	ITS DEVICE, MISC.:PULL BOX, 48", AS PER PLAN (WT: 44)	EACH	1.000
Total 0003		TRAFFIC SURVEILLANCE		
Section 0004		MAINTENANCE OF TRAFFIC		
0035	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005		INCIDENTALS		

0036	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0037	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0038	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0039	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210252

PID: 103265

D07

CHP, CLA, DAR

PPM FY21

Date Set for Completion: 8/31/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY THROUGHOUT AUGLAIZE, CHAMPAIGN, CLARK, DARKE, LOGAN, MERCER, MIAMI, MONTGOMERY, AND SHELBY COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING POLYESTER ROADWAY STRIPING ALONG THE SPECIFIED ROUTES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	642E50000	PAVEMENT MARKING, MISC.: BLACK SHADOW LANE LINE (WT: 45)	MILE	48.400
0002	643E00204	LANE LINE, 6" (WT: 45)	MILE	484.880
0003	643E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	49,876.000
0004	643E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	161,484.000
0005	643E00500	STOP LINE (WT: 45)	FT	20,521.000
0006	643E00600	CROSSWALK LINE (WT: 45)	FT	14,216.000
0007	643E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	32,095.000
0008	643E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	44.000
0009	643E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	41.000
0010	643E01300	LANE ARROW (WT: 45)	EACH	1,036.000
0011	643E01310	WRONG WAY ARROW (WT: 45)	EACH	4.000
0012	643E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	67.000
0013	643E01500	DOTTED LINE, 4" (WT: 45)	FT	4,350.000
0014	643E01510	DOTTED LINE, 6" (WT: 45)	FT	140,779.000
0015	643E01550	DOTTED LINE, 12" (WT: 45)	FT	21,689.000
0016	643E01602	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	20.000
0017	643E20802	YIELD LINE (WT: 45)	FT	92.000
0018	643E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	209.000

0019	643E50100	PAVEMENT MARKING, MISC.: "MERGE" (WT: 45)	EACH	5.000
0020	643E50100	PAVEMENT MARKING, MISC.: "XING" (WT: 45)	EACH	2.000
0021	643E50100	PAVEMENT MARKING, MISC.: LANE REDUCTION ARROW (WT: 45)	EACH	8.000
Total	0001	TRAFFIC CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		
0022	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	24.000
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	INCIDENTALS		
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0003	INCIDENTALS		

Project Number: 210253

PID: 101354

D11

DS-FY2021

Date Set for Completion: 8/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN HARRISON AND TUSCARAWAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CLEANING DEBRIS AND SEALING BRIDGE DECKS WITH HMWM RESIN ON NINE BRIDGES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	EROSION CONTROL			
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0001	EROSION CONTROL			
Section 0002	TRAFFIC CONTROL			
0002	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.070
0003	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.210
0004	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.210
Total 0002	TRAFFIC CONTROL			
Section 0003	MAINTENANCE OF TRAFFIC			
0005	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.210
0006	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.210
0007	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.070
Total 0003	MAINTENANCE OF TRAFFIC			
Section 0004	STRUCTURE OVER 20 FOOT SPAN (VARIOUS)			
0008	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	9,709.000
0009	690E98100	SPECIAL - DEBRIS REMOVAL (WT: NR)	FT	4,531.000
Total 0004	STRUCTURE OVER 20 FOOT SPAN (VARIOUS)			
Section 0005	INCIDENTALS			

0010	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0011	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0012	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210254

PID: 100654

D11

COL, HAS, JEF

SP FY2021

EDGE Goal: 5.0%

Date Set for Completion: 9/30/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN BELMONT, COLUMBIANA, HARRISON, JEFFERSON, AND TUSCARAWAS COUNTIES OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY SPOT PATCHING EXISTING ROADWAYS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	1,678.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0003	605E31100	AGGREGATE DRAINS (WT: 35)	FT	100.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0004	251E01043	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN (WT: 16)	CY	1,544.000
0005	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	1,670.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5") (WT: 13)	SY	10,321.000
0007	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3") (WT: 13)	SY	144.000
0008	407E10000	TACK COAT (WT: 10)	GAL	1,127.000
0009	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	515.000

0010	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	89.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0011	621E00100	RPM (WT: 41)	EACH	25.000
0012	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	25.000
0013	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	7.900
0014	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.070
0015	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.800
0016	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	24.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0017	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	50.000
0018	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	50.000
0019	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	0.800
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
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	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210255

PID: 103303

D12

LAK

PPM FY2021

EDGE Goal: 5.0%

Date Set for Completion: 10/15/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF NORTH RANDALL AND KIRTLAND HILLS, CITIES OF BEACHWOOD, FAIRVIEW PARK, WARRENSVILLE HEIGHTS, WILLOUGHBY, AND MENTOR, TOWNSHIPS OF CONCORD AND LEROY, CUYAHOGA AND LAKE COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS AND MAINTENANCE, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	243.000
0002	203E10000	EXCAVATION (WT: 06)	CY	20.000
0003	204E10001	SUBGRADE COMPACTION, AS PER PLAN (WT: 06)	SY	243.000
0004	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	36.400
0005	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	130.000
0006	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	3.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0008	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	9.000
0009	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0010	611E99151	INLET ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	6.000

0011	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	10.000
0012	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0013	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	2,000.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0014	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, "A" (WT: 16)	SY	965.000
0015	252E01001	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT, AS PER PLAN, "A" (WT: 16)	SY	200.000
0016	252E01001	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT, AS PER PLAN, "B" (WT: 16)	SY	75.000
0017	252E01001	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT, AS PER PLAN, "C" (WT: 16)	SY	200.000
0018	253E02001	PAVEMENT REPAIR, AS PER PLAN, "A" (WT: 16)	CY	80.000
0019	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1-1/2" (WT: 13)	SY	40,730.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	20.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,433.000
0022	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (1.0") (WT: 10)	CY	270.000
0023	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG76-22M (1-1/2") (WT: 10)	CY	806.000
0024	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG70-22M (1-1/2") (WT: 10)	CY	602.000
0025	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG76-22M (1-1/2") (WT: 10)	CY	290.000
0026	452E15030	12" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	243.000
0027	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	45.140
0028	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	0.870
0029	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	1.030
0030	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	1,367.000

0031	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, (1.0") (WT: 13)	SY	9,684.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0032	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	10.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		
0033	621E00100	RPM (WT: 41)	EACH	215.000
0034	621E00301	RPM REFLECTOR, AS PER PLAN (WT: 41)	EACH	4.000
0035	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	212.000
0036	646E10010	EDGE LINE, 6" (WT: 45)	MILE	2.770
0037	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.430
0038	646E10110	LANE LINE, 6" (WT: 45)	MILE	2.740
0039	646E10200	CENTER LINE (WT: 45)	MILE	0.380
0040	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	669.000
0041	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	2,541.000
0042	646E10400	STOP LINE (WT: 45)	FT	113.000
0043	646E10500	CROSSWALK LINE (WT: 45)	FT	307.000
0044	646E10620	CHEVRON MARKING (WT: 45)	FT	298.000
0045	646E20300	LANE ARROW (WT: 45)	EACH	6.000
0046	646E20400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	1.000
0047	646E20510	DOTTED LINE, 12" (WT: 45)	FT	828.000
0048	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.080
0049	690E98400	SPECIAL - INVENTORY EXISTING PAVEMENT MARKINGS (WT: NR)	LS	1.000
Total	0006	TRAFFIC CONTROL		
Section	0007	TRAFFIC SIGNALS		
0050	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
Total	0007	TRAFFIC SIGNALS		
Section	0008	MAINTENANCE OF TRAFFIC		
0051	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	460.000
0052	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0053	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	14.000

0054	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.430
0055	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	2.740
0056	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.430
0057	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.420
0058	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.380
0059	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.380
0060	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	2.770
0061	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.940
0062	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	145.000
0063	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	2,307.000
0064	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	145.000
0065	614E24208	WORK ZONE DOTTED LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	638.000
0066	614E25200	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT (WT: 39)	FT	48.000
0067	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	113.000
0068	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	83.000
0069	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	307.000
0070	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	307.000
0071	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	6.000
0072	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	6.000
0073	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 39)	SF	1,400.000

Total 0008 MAINTENANCE OF TRAFFIC

Section 0009 INCIDENTALS

0074	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0075	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0076	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0077	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210256

PID: 112690

Harrison

CR 5-04.78

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	333.000
0002	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	0.080
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0004	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0005	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	33.000
0006	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1") (WT: 13)	SY	469.000
0007	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (3") (WT: 13)	SY	4,951.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	624.000
0009	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	331.000
0010	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	152.000

0011	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	226.000
0012	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	2.000
0013	609E98000	CURB, MISC.: ASPHALT CONCRETE CURB, TYPE A (WT: 10)	FT	48.000
0014	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	58.000
0015	617E20000	SHOULDER PREPARATION (WT: 06)	SY	827.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0016	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	5.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC CONTROL		
0017	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.900
0018	646E10200	CENTER LINE (WT: 45)	MILE	0.450
Total 0006		TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0019	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0020	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	0.450
0021	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.450
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		
0022	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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 0008		INCIDENTALS		

Project Number: 210257

PID: 114029

Richland

US 30-16.42

Date Set for Completion: 7/16/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING RIC-30-16.42 IN RICHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY HEAT STRAIGHTENING DAMAGED STRUCTURAL STEEL, REPLACING DAMAGED CROSSFRAMES AND PARTIAL PAINTING OF REPAIR AREAS ON BRIDGE NO. RIC-30-1642.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	500.000
Total	0001	EROSION CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0003	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0004	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
0005	614E20210	WORK ZONE LANE LINE, CLASS I, 6", 740.06, TYPE I (BLACK) (WT: 39)	MILE	0.920
0006	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (BLACK) (WT: 39)	MILE	0.020
0007	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WHITE) (WT: 39)	MILE	1.010
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	STRUCTURE REPAIR (RIC-30-1642)		
0008	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	89.000
0009	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UP, AS PER PLAN (WT: 29)	LB	796.000
0010	514E20001	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN (THREE COAT) (WT: 26)	SF	615.000
0011	849E10000	DAMAGE ASSESSMENT (WT: 32)	LS	1.000

0012	849E10500	SURFACE PREPARATION (WT: 32)	LS	1.000
0013	849E10600	REPAIRING DAMAGED MEMBERS BY GRINDING (WT: 32)	HOUR	6.000
0014	849E10700	STRAIGHTENING DAMAGED MEMBERS (WT: 32)	LS	1.000

Total 0003 STRUCTURE REPAIR (RIC-30-1642)

Section 0004	INCIDENTALS			
0015	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0016	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0017	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004	INCIDENTALS			

Project Number: 214009

PID: 105821

Geauga

US 422-14.90 Culvert

E190(253)

SBE Set-Aside

Date Set for Completion: 11/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING A SECTION OF TROY TOWNSHIP, OF GEAUGA COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AN EXISTING 36" X 60" CONCRETE BOX CULVERT AND REPLACING IT WITH A 38" X 60" ELLIPTICAL CONCRETE PIPE, INCLUDING OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	940.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	87.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	133.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0006	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 12 INCH, DIAMETER (WT: NR)	FT	24.000
0007	202E75000	FENCE REMOVED (WT: NR)	FT	232.000
0008	203E10000	EXCAVATION (WT: 06)	CY	464.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	342.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,094.000
0011	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0012	607E98000	FENCE, MISC.:TEMPORARY FENCE (WT: 37)	FT	192.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0013	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0014	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	52.000

0015	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	4.000
0016	659E00300	TOPSOIL (WT: 46)	CY	197.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,772.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.240
0019	659E31000	LIME (WT: 46)	ACRE	0.370
0020	659E35000	WATER (WT: 46)	MGAL	10.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0022	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.900
0023	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	20.000
0024	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	150.000
0025	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0026	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	57.000
0027	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	50.000
0028	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	69.000
0029	611E09100	21" CONDUIT, TYPE C (WT: 35)	FT	28.000
0030	611E53000	38" X 60" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	106.000
0031	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0032	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0033	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
0034	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0035	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	243.000
0036	304E20000	AGGREGATE BASE (WT: 09)	CY	176.000
0037	407E10000	TACK COAT (WT: 10)	GAL	1,550.000
0038	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	79.000
0039	609E26000	CURB, TYPE 6 (WT: 38)	FT	87.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0040	621E00100	RPM (WT: 41)	EACH	29.000
0041	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	13.000

0042	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	26.000
0043	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0044	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	19.000
0045	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0046	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0047	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.450
0048	644E00300	CENTER LINE (WT: 45)	MILE	0.220
0049	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	235.000
0050	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	203.000
0051	644E01300	LANE ARROW (WT: 45)	EACH	3.000

Total 0005 TRAFFIC CONTROL

Section	0006	MAINTENANCE OF TRAFFIC		
0052	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	40.000
0053	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0054	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	72.000
0055	614E13310	BARRIER REFLECTOR, TYPE 1(1 WAY) (WT: NR)	EACH	35.000
0056	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	35.000
0057	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0058	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.670
0059	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.920
0060	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	944.000
0061	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	228.000
0062	614E28000	WORK ZONE GORE MARKING, CLASS II (WT: 39)	FT	214.000
0063	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	6.000
0064	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	915.000
0065	616E10000	WATER (WT: NR)	MGAL	1.000
0066	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,750.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	ENVIRONMENTAL / REMEDIATION		
----------------	-------------	------------------------------------	--	--

0067	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	150.000
0068	690E65020	SPECIAL - WORK INVOLVING WATER (WT: NR)	GAL	500.000
0069	690E65024	SPECIAL - WORK INVOLVING REGULATED WATER (WT: NR)	GAL	500.000
Total	0007	ENVIRONMENTAL / REMEDIATION		
Section	0008	STRUCTURE 20 FOOT SPAN AND UNDER (CTY- RTE-SECT or SFN)		
0070	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
Total	0008	STRUCTURE 20 FOOT SPAN AND UNDER (CTY-RTE-SECT or SFN)		
Section	0009	INCIDENTALS		
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
Total	0009	INCIDENTALS		

Project Number: 217003

PID: 108257

Jefferson

CR 53 7.450

E180(451)

Date Set for Completion: 9/30/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING JEF-CR53-7.45 IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY CONSTRUCTING A DRILLED SHAFT, SOLDIER PILE AND PLUG PILE RETAINING WALL.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	223.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	51.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	400.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	250.000
0006	606E15151	GUARDRAIL, TYPE MGS HALF POST SPACING, AS PER PLAN (WT: 36)	FT	375.000
0007	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	667.000
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0010	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.700
0011	605E98300	UNDERDRAINS, MISC.: DRAIN EXTENSION THROUGH WALL (WT: 35)	EACH	4.000
0012	611E07200	18" CONDUIT, TYPE A, 706.01, 706.02, 707.33, OR 707.01 ALUMINIZED (WT: 35)	FT	51.000
Total	0003	DRAINAGE		

Section	0004	PAVEMENT		
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE , 3" (WT: 13)	SY	1,388.000
0014	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	25.000
0015	304E20000	AGGREGATE BASE (WT: 09)	CY	99.000
0016	407E10000	TACK COAT (WT: 10)	GAL	166.000
0017	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	102.000
0018	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	49.000
0019	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	68.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0020	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	6.000
0021	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.230
0022	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.120
Total	0005	TRAFFIC CONTROL		
Section	0006	RETAINING WALLS		
0023	507E00400	STEEL PILES, MISC.: W21x93 STEEL BEAMS, FURNISHED (WT: 34)	FT	4,470.000
0024	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	2,903.000
0025	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,270.000
0026	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 30" DIAMETER, UNREINFORCED (WT: 28)	FT	1,220.000
Total	0006	RETAINING WALLS		
Section	0007	INCIDENTALS		
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0029	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0030	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		

Project Number: 218003
PID: 111514
Franklin
Landscape Maintenance FY21

EDGE Goal: 5.0%
Date Set for Completion: 11/30/2021
Type: LANDSCAPING

Plan Cost: \$0.00

FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF COLUMBUS, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MAINTAINING LANDSCAPING AT VARIOUS INTERSTATE INTERCHANGES, PERFORM FENCELINE MOWING, LITTER PICKUP, AND SOME HERBICIDAL SPRAYING AT VARIOUS OTHER LOCATIONS THROUGHOUT FRANKLIN COUNTY.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	656E10001	ROADSIDE CLEANUP, AS PER PLAN (WT: 46)	MSF	40.000
0002	690E98600	SPECIAL - MISC: LITTER PICKUP (WT: NR)	HOUR	3,200.000
0003	690E99000	SPECIAL - MISC: INTERCHANGE MOWING (WT: 46)	ACRE	1,314.300
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	832E30000	EROSION CONTROL (WT: 08)	EACH	7,500.000
Total	0002	EROSION CONTROL		
Section	0003	LANDSCAPING		
0005	661E00501	MULCH, AS PER PLAN (WT: 46)	CY	675.000
0006	690E98000	SPECIAL - MISC: PRUNING EXISTING SHRUB, 30" SPREAD (WT: 46)	EACH	1,000.000
0007	690E99550	SPECIAL - MISC: LANDSCAPING MAINTENANCE (WT: 46)	MNTH	5.000
0008	691E10000	SPECIAL - HERBICIDAL SPRAYING, WEED AND BRUSH CONTROL FROM ROAD (WT: 49)	ACRE	4.820
Total	0003	LANDSCAPING		
Section	0004	MAINTENANCE OF TRAFFIC		
0009	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	24.000
Total	0004	MAINTENANCE OF TRAFFIC		

Section 0005		INCIDENTALS		
0010	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0011	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0012	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

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: _____

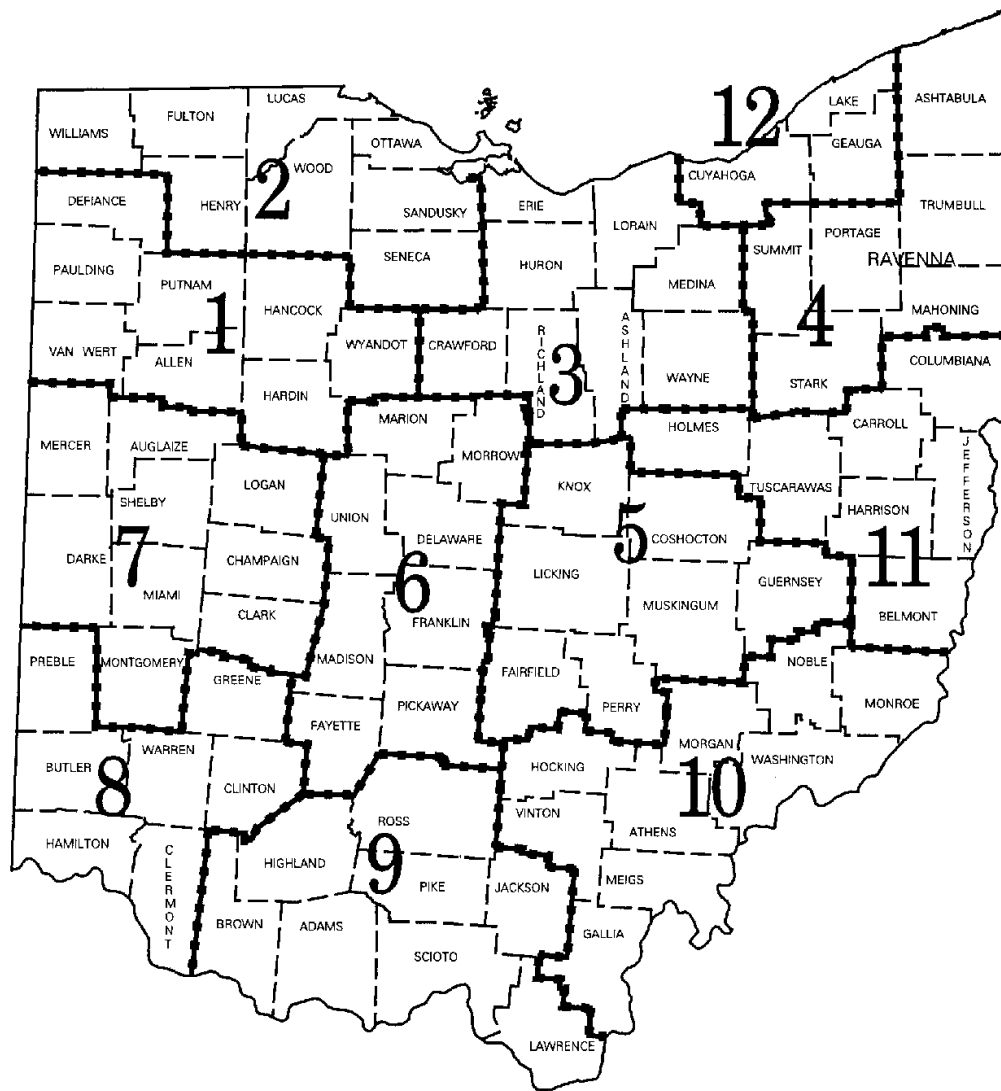
New Address (Print or Type PLEASE)

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

(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