

SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
												01/NFA/10		EXT	TOTAL				
ROADWAY																			
													LS	201	11000	LS		CLEARING AND GRUBBING	
													63	202	23000	63	SY	PAVEMENT REMOVED	
													67	203	10000	67	CY	EXCAVATION	
													193	204	10000	193	SY	SUBGRADE COMPACTION	
													53	601	20001	53	SY	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN	4
													100	606	98000	100	FT	GUARDRAIL, MISC.:STEEL BACKED TIMBER GUARDRAIL TYPE A	7
													2	606	98100	2	EACH	GUARDRAIL, MISC.:STEEL BACKED TIMBER GUARDRAIL TERMINAL	8
													71	607	98000	71	FT	FENCE, MISC.:TIMBER GUARDRAIL	6
EROSION CONTROL																			
													12	659	00300	12	CY	TOPSOIL	
													112	659	10000	112	SY	SEEDING AND MULCHING	
													6	659	14000	6	SY	REPAIR SEEDING AND MULCHING	
													0.02	659	20000	0.02	TON	COMMERCIAL FERTILIZER	
													0.02	659	31000	0.02	ACRE	LIME	
													0.6	659	35000	0.6	MGAL	WATER	
													3,500	832	30000	3,500	EACH	EROSION CONTROL	
PAVEMENT																			
													17	301	56000	17	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
													32	304	20000	32	CY	AGGREGATE BASE	
													8	407	10000	8	GAL	TACK COAT	
													5	441	70000	5	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
TRAFFIC CONTROL																			
													0.04	646	10000	0.04	MILE	EDGE LINE, 4"	
													0.02	646	10200	0.02	MILE	CENTER LINE	
STRUCTURE 20 FOOT SPAN AND UNDER (SFN 2830012) SEE SHEET 12 OF 22																			
INCIDENTALS																			
													LS	108	30000	LS		CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY	
DESIGNER	VS
REVIEWER	JDA 06/01/23
PROJECT ID	118538
SHEET	3
TOTAL	22

GENERAL:

THE PROJECT INCLUDES THE REPLACEMENT OF THE EXISTING ROADWAY BRIDGE AND BRIDLE TRAIL BRIDGES IN GEAUGA PARK, GEAUGA COUNTY. THE PROJECT IS TO BE PERFORMED IN ACCORDANCE WITH THE PLANS AND THE FOLLOWING SPECIFICATIONS.

AASHTOWARE PROJECT NAME DISCREPANCY:

THIS NOTE IS TO MAKE THE CONTRACTOR AWARE THAT THIS PROJECT IS NAMED D12-118538 IN THE "AASHTOWARE PROJECT" PROGRAM (AWP). THE NAME GEA-118538 IN AWP REFERS TO THE PROJECT THAT WAS SOLD AND TERMINATED PRECEDING THIS ONE AND SHALL NOT BE USED BY THE CONTRACTOR WITHIN THIS PROGRAM.

UTILITIES:

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

FIRST ENERGY/CEI	WINDSTREAM
6896 MILLER RD.	245 N. MAIN ST.
BRECKSVILLE, OH 44141	HUDSON, OH 44236
ATTN: JOHN ZASSICK	ATTN: ERIC LACOURSE
PHONE: 440-546-8706	PHONE: 330-805-5593
EMAIL: JMZASSICK@FIRSTENERGYCORP.COM	EMAIL: ERIC.LACOURSE@WINDSTREAM.COM

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

EXISTING STRUCTURE PLANS:

EXISTING PLANS MAY BE EXAMINED AT THE GEAUGA PARK DISTRICT OFFICE, 9160 ROBINSON ROAD, CHARDON, OH 44024, PHONE: 440-286-9516.

WORK LIMITS:

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SURVEYING PARAMETERS:

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: HIGH EPOCH GNSS POSITIONING
MONUMENT TYPE: B – 5/8" X 30" REBAR WITH PLASTIC CAP STAMPED "DLZ TRAVERSE"

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011) (EPOCH 2010.0)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC 2 STANDARD PARALLEL
COORDINATE SYSTEM: OHIO STATE PLANE NORTH NAD83(2011)
COMBINED SCALE FACTOR: 1.000000
ORIGIN OF COORDINATE SYSTEM: 0,0

SURVEYING PARAMETERS (CONT.):

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

CLEARING AND GRUBBING:

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE ESTIMATED QUANTITIES FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN:

THE CRUSHED MATERIAL PROVIDED FOR THIS ITEM SHALL BE SANDSTONE 1 & 2 BERM MATERIAL.

ITEM 614 - MAINTAINING TRAFFIC (ROAD CLOSED):

THE CONTRACTOR SHALL ADEQUATELY SIGN A PEDESTRIAN DETOUR ROUTE AND MAINTAIN ALL DETOUR SIGNAGE AND ADVANCE WARNING SIGNAGE THROUGHOUT THE DURATION OF THE PROJECT. THE EXISTING BRIDLE PATH BRIDGE SHALL BE TEMPORARILY MOVED DOWNSTREAM TO A LOCATION DESIGNATED BY THE ENGINEER LOCATED BETWEEN 25 FEET AND 50 FEET FROM ITS ORIGINAL LOCATION. RELOCATION OF THIS BRIDGE SHALL BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN STANDARD "ROAD CLOSED" SIGNS AT THE NEAREST INTERSECTIONS, SIGN SUPPORTS, BARRICADES, GATES, AND LIGHTS AS DETAILED IN ODOT STANDARD DRAWING MT-101.60 AT BOTH ENDS OF THE PROJECT DURING THE PERIOD IN WHICH THE ROAD IS CLOSED TO TRAFFIC. THE CONTRACTOR SHALL ALSO PLACE AND MAINTAIN THE THREE SIGNS LEADING IN TO BOTH ENDS OF THE PROJECT PER ODOT STANDARD DRAWING MT-101.60.

THE CONTRACTOR SHALL ADVISE THE GEAUGA PARK DISTRICT OFFICE A MINIMUM OF FOURTEEN (14) CALENDAR DAYS IN ADVANCE OF WHEN THE CLOSURE WILL BE IN EFFECT. THE DURATION OF THE ROAD CLOSURE IS NOT TO EXCEED ONE HUNDRED TWENTY (120) CALENDAR DAYS. LIQUIDATED DAMAGES WILL BE ASSESSED AS PER ODOT CMS 108.07.

ACCESS TO THE WEST WOODS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR THE TIME NEEDED TO TEMPORARILY OCCUPY THE PROPERTY, WHICH SHALL BE LESS THAN THE TIME NEEDED FOR CONSTRUCTION OF THE PROJECT.

TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE SECTION 4(F) PROPERTY AND THE PUBLIC.

APPROPRIATE SIGNAGE SHALL BE INSTALLED TO ALERT USERS OF THE WEST WOODS OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTIONS OR CLOSURES, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS.

THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT AND GEAUGA PARK DISTRICT PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT CMS 614, OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

SEEDING AND MULCHING:

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

SEEDING AND MULCHING (CONT.):

ITEM 659 - TOPSOIL	12 CY
ITEM 659 - SEEDING AND MULCHING	112 SY
ITEM 659 - REPAIR SEEDING AND MULCHING	6 SY
ITEM 659 - COMMERCIAL FERTILIZER	0.02 TON
ITEM 659 - LIME	0.02 ACRE
ITEM 659 - WATER	0.6 MGAL

APPLY SEEDING AND MULCHING TO ALL AREAS OF EXPOSED SOIL ON NEW EMBANKMENTS WITHIN THE CONSTRUCTION LIMITS. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ENVIRONMENTAL:

THE FOLLOWING ENVIRONMENTAL COMMITMENTS SHALL BE IMPLEMENTED PRIOR TO OR DURING CONSTRUCTION OF THE PROJECT:



ASBESTOS:

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION; THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURE.

ODOT SHALL PROVIDE A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED AND SIGNED BY THE BRIDGE OWNER, TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO ONE OF THE ADDRESSES BELOW AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

ASBESTOS PROGRAM
OHIO EPA, DAPC
P.O. BOX 1049
COLUMBUS, OH 43216-1049

OR

ASBESTOS PROGRAM
OHIO EPA, DAPC
50 W. TOWN ST., SUITE 700
COLUMBUS, OH 43215

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED FORM TO THE ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. THE FORM SHALL INCLUDE: 1) THE CONTRACTOR'S NAME AND ADDRESS, 2) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE REMOVAL AND 3) A DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHOD(S) TO BE USED. COPIES OF THE OEPA FORM AND BRIDGE INSPECTION REPORTS ARE AVAILABLE FOR REVIEW AT THE ODOT DISTRICT 12 OFFICE, 5500 TRANSPORTATION BOULEVARD, GARFIELD HEIGHTS, OHIO 44125.

BASIS FOR PAYMENT: THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIALS NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN: ITEM 202 PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

DESIGN AGENCY



DESIGNER
JG/VS

REVIEWER
CJS 03/02/23

PROJECT ID
118538

SHEET	TOTAL
4	22

ENVIRONMENTAL (CONT.):

TREE REMOVAL:

NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO FEDERALLY AND STATE LISTED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSE OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

BEGIN DATE:

IN-STREAM WORK IS PERMITTED FROM MAY 1, 2025 THROUGH SEPTEMBER 14, 2025.



DESIGN AGENCY



DESIGNER
VS/JDA

REVIEWER
MJL 10/25/23

PROJECT ID
118538

SHEET TOTAL
5 22