

UTILITIES

THERE ARE NO KNOWN UNDERGROUND, OR OVERHEAD UTILITIES, WITHIN THE PROJECT CONSTRUCTION LIMITS.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

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.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

ITEM 204 - GEOTEXTILE FABRIC, AS PER PLAN

FOR THIS ITEM OF WORK THE CONTRACTOR SHALL LINE THE SURFACE OF THE UNDERCUT AND THE HORIZONTAL INTERFACES BETWEEN THE DIFFERENT MATERIALS WITH GEOTEXTILE FABRIC, TYPE B CONFORMING TO 712.09. PREPARE THE BOTTOM OF THE UNDERCUT TO RECEIVE THE GEOTEXTILE FABRIC, AS SHOWN ON SHEET P.03, TO A RELATIVELY SMOOTH SURFACE FREE OF OBSTRUCTION AND DEBRIS. WITH THE LONG DIMENSIONS PARALLEL TO THE FLOW DIRECTION, LOOSELY PLACE THE FABRIC WITHOUT WRINKLES AND CREASES. WHERE JOINTS ARE NECESSARY, PROVIDE A 12-INCH MINIMUM OVERLAP, WITH THE UPSTREAM STRIP OVERLAPPING THE DOWNSTREAM STRIP. PLACE SECURING PINS WITH WASHERS AT A MINIMUM DISTANCE APART OF 2 FEET ALONG THE JOINTS AND AT A MINIMUM DISTANCE APART OF 5 FEET EVERYWHERE ELSE.

ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO CONSTRUCT AND COMPLETE THE INSTALLATION OF THE GEOTEXTILE FABRIC DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR ITEM 204 - GEOTEXTILE FABRIC, AS PER PLAN

ITEM 646 - EPOXY PAVEMENT MARKINGS

THE CONTRACTOR SHALL REPLACE THE EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS WITH NEW PAVEMENT MARKINGS AT THE SAME LOCATIONS AS PER C&MS 641.06.

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS AND ARE CARRIED UNDER THE APPROPRIATE CALCULATIONS ON SHEET P.13

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NOT TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY 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.

ALL TREE CUTTING NECESSARY FOR THIS PROJECT WILL BE COMPLETE PRIOR TO CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ANY STUMPS, DROPPED TREES, AND CLEARING AND GRUBBING AS PER ITEM 201. IN CONFORMANCE WITH THE ENVIRONMENTAL DOCUMENT, NO ADDITIONAL TREES SHALL BE CUT.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.13 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: OPUS / RTK
MONUMENT TYPE: TYPE B

VERTICAL POSTIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (2011)
ELLIPSOID: GRS 1980
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE
COMBINED SCALE FACTOR: 1.00006061
ORIGIN OF COORDINATE SYSTEM: 0,0

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.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT CONSTRUCTED AS PART OF THE PROJECT SHALL BE FREE OF ALL ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

IN-STREAM WORK RESTRICTIONS

WORK IN THE FOLLOWING SENSITIVE STREAMS IS FURTHER RESTRICTED AS FOLLOWS:

STREAM NAME:
NORTH FORK CAPTINA CREEK

WORK RESTRICTION DATES (NO IN-STREAM WORK PERMITTED):
APRIL 15 THROUGH JUNE 30

IN-STREAM WORK HAS BEEN DEFINED AS THE PLACEMENT AND/OR REMOVAL OF FILL MATERIALS (TEMPORARY OR PERMANENT) BELOW ORDINARY HIGH WATER OF A STREAM. EXAMPLES OF “FILL” INCLUDE (BUT ARE NOT LIMITED TO) BRIDGE PIERS, ABUTMENTS, CULVERTS, ROCK CHANNEL PROTECTION, SCOUR PROTECTION, AND TEMPORARY WORK PADS.

REMOVE PARAGRAPH
FILLS (SUCH AS TEMPORARY WORK PADS) PLACED WITHIN A STREAM IDENTIFIED IN THE ABOVE TABLE OUTSIDE OF THE WORK RESTRICTION DATES CAN CONTINUE TO BE WORKED FROM DURING THE WORK RESTRICTION DATES, BUT CANNOT BE EXPANDED, REMOVED, OR OTHERWISE MODIFIED (BELOW ORDINARY HIGH WATER) UNTIL ONCE AGAIN OUTSIDE OF THE WORK RESTRICTION DATES.

EXISTING PLANS

THE FOLLOWING EXISTING PLANS ARE AVAILABLE FOR REFERENCE AT THE DISTRICT 11 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, 2201 REISER AVE. S.E., NEW PHILADELPHIA, OHIO, 44663:

EXISTING R/W (1932)

IN ADDITION, THE EXISTING PLANS CAN BE FOUND ON THE DEPARTMENT'S WEBSITE AT THE FOLLOWING ADDRESS:
<https://ftp.dot.state.oh.us/pub/Contracts/Attach>

ITEM 203 - GRANULAR EMBANKMENT, AS PER PLAN

ALL PROVISIONS OF ODOT C&MS 203 SHALL APPLY WITH THE FOLLOWING MODIFICATION. THE CONTRACTOR SHALL USE NUMBER 1 AGGREGATE PER C&MS 703.01.

ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO CONSTRUCT AND COMPLETE THE INSTALLATION OF THE GRANULAR EMBANKMENT, EXCLUDING GEOTEXTILE FABRIC DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR ITEM 203 GRANULAR EMBANKMENT, AS PER PLAN

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. 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 THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

REMOVE NOTE
ITEM 503 - COFFERDAMS AND EXCAVATION BRACING
ITEM 503, COFFERDAMS AND EXCAVATION BRACING HAS BEEN PROVIDED FOR THIS LOCATION. THIS ITEM IS TO BE USED FOR THE NECESSARY COFFERDAMS NEEDED AS DIRECTED BY THE ENGINEER. A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 503, COFFERDAMS AND EXCAVATION BRACING.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIA SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

DESIGN AGENCY



DESIGNER

LRB

REVIEWER

BSH 08/21/24

PROJECT ID

117646

SHEET

P.04

TOTAL

33