

GENERAL

ROUNDING

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

UTILITIES

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

CITY	GAS	ELECTRIC
CITY OF MEDINA	ASPIRE ENERGY	OHIO EDISON
132 NORTH ELMWOOD STREET	300 TRACY BRIDGE ROAD	2508 WEST PERKINS AVENUE
MEDINA, OH 44256	ORRVILLE, OH 44667	SANDUSKY, OH 44870
330.722.9020	330.682.7726	419.627.6881

THE AFOREMENTIONED UTILITY COMPANIES AND AGENCIES HAVE VARIOUS FACILITIES IN THE AREA THAT WILL REMAIN IN PLACE DURING CONSTRUCTION.

EXTREME CAUTION SHOULD BE EXERCISED IN AREAS WITH UTILITIES. SECTIONS 105.07 AND 107.16 OF THE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS REQUIRE, AMONG OTHER THINGS, THAT THE CONTRACTOR COOPERATE WITH ALL UTILITIES LOCATED WITHIN THE LIMITS OF THIS CONSTRUCTION PROJECT AND TAKE RESPONSIBILITY FOR THE PROTECTION OF THE UTILITY PROPERTY AND SERVICES.

EXISTING PLANS

THE EXISTING PLANS ENTITLED BELOW MAY BE INSPECTED IN THE ODOT DISTRICT THREE OFFICE IN ASHLAND: MED-42-9.44, 1982; MED-42-7.12, 2010

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9:00PM AND 7:00AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 5 OF 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: GPS CONTROL TIED TO ODOT VRS
MONUMENT TYPE: TYPE A CONCRETE MONUMENTS

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS 80

COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE – NORTH ZONE (3401) SCALED BY A COMBINED GRID SCALE AND ELEVATION PROJECT ADJUSTMENT FACTOR ABOUT THE GRID ORIGIN N=0, E=0 COORDINATE
COMBINED SCALE FACTOR: UNITLESS GRID TO PROJECT GROUND ADJUSTMENT FACTOR (PAF)
MULTIPLIER = 1.00010878
GRID (METERS) TO PROJECT (U.S. SURVEY FEET)
MULTIPLIER = 3.280833329
ORIGIN OF COORDINATE SYSTEM: N 37° 47' 45.30621", W 89° 19' 00.02517"
PROJECT COORDINATE UNITS ARE IN U.S. SURVEY FEET, GRID COORDINATE UNITS ARE IN METERS. USE THE FOLLOWING CONVERSION FACTOR:
USE THE FOLLOWING CONVERSION FACTOR:
1 METER = 39.37 INCHES = 3.280833329 U.S. SURVEY FEET

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.

ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS ITEM 623 WILL GOVERN CONSTRUCTION SURVEYING ACTIVITY.

THE FOLLOWING MONUMENT VERIFICATION REPORT WILL BE REQUIRED: 623.04a – PRECONSTRUCTION MONUMENT VERIFICATION AND REPORT.

ITEM 623 - PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT LUMP SUM

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.

PROGRESSION OF WORK

WIDENING SHALL BE DONE PRIOR TO RESURFACING. GUARDRAIL SHALL BE REMOVED PRIOR TO ANY EMBANKMENT WORK AT THE GUARDRAIL RUN. GUARDRAIL WORK SHALL BE DONE AFTER WIDENING, RESURFACING, AND BERM WORK SO AS TO ESTABLISH PROPER GRADES FROM WHICH TO CONSTRUCT THE RAIL.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

ITEM 201 – CLEARING AND GRUBBING

TREES MARKED FOR REMOVAL WILL BE CUT PRIOR TO PROJECT START ON A SEPARATE CONTRACT. REMOVE ALL STUMPS SPECIFICALLY MARKED FOR REMOVAL, AS WELL AS ANY OTHER ITEMS REQUIRED AS DIRECTED BY THE ENGINEER, WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF STUMPS TO BE REMOVED.

SIZES	NO. STUMPS
18"	7

ITEM 202 – MAILBOX REMOVED

ITEM SPECIAL – MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D. AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03 AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS, TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE).

ITEM 202 – MAILBOX REMOVED	2 EACH
ITEM SPECIAL - MAILBOX SUPPORT SYSTEM, (SINGLE)	2 EACH

LOCATIONS OF MAILBOX SUPPORT SYSTEM TO BE REPLACED

ADDRESSES AND/OR LOCATIONS OF MAILBOX SUPPORT SYSTEM TO BE REPLACED:

ADDRESS	STATION	SUPPORT TYPE
7434 LAFAYETTE RD (US 42)	4+18.92 RIGHT	SINGLE
7455 LAFAYETTE RD (US 42)	4+91.43 LEFT	SINGLE

BRIDGE LOCATION MARKER SIGN

THE BRIDGE LOCATION MARKER SIGN INDICATES THE COUNTY, THE ROUTE, AND THE STRAIGHT LINE MILEAGE OF THE STRUCTURE. THE CONTRACTOR SHALL REMOVE THE EXISTING I-H25A BRIDGE LOCATION MARKER SIGN AT STA. 5+62.19 24.02 R, AND REERECT THE SIGN IN KIND. IF THERE ARE ANY QUESTIONS ON THE LOCATION, PLEASE CONTACT THE DISTRICT BRIDGE ENGINEER.

ALL COSTS, INCLUDING THE SIGN REMOVAL, SIGN RE-ERECTION, POST REMOVAL, AND POST INSTALLATION SHALL BE INCLUDED IN THE FOLLOWING PAY ITEMS:

ITEM 630 - GROUND MOUNTED SUPPORT, NO. 3 POST	10 FT
ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	1 EACH
ITEM 630 - REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	1 EACH

ITEM 659 – SEEDING AND MULCHING

E101A

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

659	COMMERCIAL FERTILIZER	0.1	TON
659	LIME	0.14	ACRE
659	WATER	4	M GALLON
659	REPAIR SEEDING AND MULCHING	33	SQ YD
659	INTERSEEDING	33	SQ YD
659	TOPSOIL	73	CU YD
659	SOIL ANALYSIS TEST	2	EACH

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS. QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

ENVIRONMENTAL COMMITMENTS

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY ENDANGERED NORTHERN LONG-EARED BAT, INDIANA BAT, TRICOLORED BAT AND THE STATE ENDANGERED LITTLE BROWN. 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 AND ORC 1531.25. FOR THE PURPOSES 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.

THE CONTRACTOR MUST SUBMIT THE OEPA DEMOLITION/RENOVATION FORM TO THE OEPA WITHIN 10 BUSINESS DAYS PRIOR TO DEMOLITION.

FOR THIS STRUCTURE, A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OHIO EPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM WITH SECTIONS I-VII, XVII, XVIII COMPLETED BY ODOT WILL BE PROVIDED TO THE CONTRACTOR. THE CONTRACTOR WILL COMPLETE THE OEPA ONLINE NOTIFICATION OF DEMOLITION AND RENOVATION FORM AND PAY THE CALCULATED APPLICABLE FEES TO THE OHIO EPA, AT LEAST 10 BUSINESS DAYS PRIOR TO DEMOLITION/RENOVATION ACTIVITIES. ALL ASSOCIATED FEES MUST BE PAID VIA CREDIT CARD OR BY ELECTRONIC CHECK TO THE OHIO EPA. ALL WORK TO COMPLY WITH THESE REQUIREMENTS AND THE FEES REQUIRED BY THE OHIO EPA SHALL BE INCLUDED IN ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

DURING DEMOLITION OF THE STRUCTURE, SHOULD ASBESTOS CONTAINING MATERIAL (ACM) BE FOUND, THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO ENSURE THE ACM DOES NOT BECOME FRIABLE. TO ASSURE THE NON-FRIABLE ASBESTOS MATERIAL DOES NOT BECOME FRIABLE OR IN THE EVENT THAT THE NON-FRIABLE MATERIAL BECOMES FRIABLE, THE CONTRACTOR SHALL PROVIDE AN INDIVIDUAL TRAINED IN THE PROVISIONS OF NESHAP THAT WILL BE ON-SITE DURING THE DEMOLITION AND/OR REMOVAL OF THE ACM. ALL ACMs SHALL BE PROPERLY CONTAINERIZED, TRANSPORTED, AND DISPOSED OF IN ACCORDANCE WITH THE STATE AND FEDERAL REGULATIONS. COST TO CONTAIN, TRANSPORT AND DISPOSE OF ACM FOUND UPON DEMOLITION OF THE STRUCTURE WILL BE PAID BY CHANGE ORDER.

ODOT WILL OBTAIN AND ADHERE TO ALL APPROPRIATE WATERWAY PERMITS PRIOR TO ANY WORK BELOW THE ORDINARY HIGH-WATER MARK OF ANY WATERWAY AND ALL SPECIAL PROVISIONS FOR WATERWAY PERMITS WILL BE INCLUDED IN THE PROJECT PLANS.

DESIGN AGENCY

DISTRICT 3



BRIDGE ENGINEERING

DESIGNER

JNC

REVIEWER

KAK 08-27-25

PROJECT ID

108040

SHEET TOTAL

3 | 28