

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:

ASD-42-1.90:

COMMUNICATIONS
ARMSTRONG UTILITIES
1215 CLAREMONT AVENUE
ASHLAND, OH 44805
419.289.0161

COMMUNICATIONS
FRONTIER COMMUNICATIONS
300 W GYPSY LANE
BOWLING GREEN, OH 43402
419.354.9455

COMMUNICATIONS
CHARTER COMMUNICATIONS
1575 LEXINGTON AVENUE
MANSFIELD, OH 44907
419.756.3338

ELECTRIC
OHIO EDISON
1717 ASHLAND ROAD
MANSFIELD, OH 44905
419.521.6214

COMMUNICATION
ZAYO FIBER SOLUTIONS
4199 KINROSS LAKES PARKWAY
RICHFIELD, OH 44286
234.281.0025

COMMUNICATION
EVERSTREAM
1228 EUCLID AVENUE SUITE 250
CLEVELAND, OH 44115
234.521.2999

WAY-301-5.54:

GAS
COLUMBIA GAS OF OHIO
7080 FRY ROAD
MIDDLEBURG HEIGHTS, OH 44130
440.891.2428

GAS
ASPIRE ENERGY
300 TRACY BRIDGE ROAD
ORRVILLE, OH 44667
330.682.7726

ELECTRIC
HOLMES-WAYNE ELECTRIC COOP
6060 S.R. 83 (P.O. BOX 112)
MILLERSBURG, OH 44654
330-674.1055

CABLE
CHARTER COMMUNICATIONS
5520 WHIPPLE AVENUE NW
NORTH CANTON, OH 44720
330.494.9200

CITY
VILLAGE OF WEST SALEM
27 S MAIN STREET, PO BOX 256
WEST SALEM, OH 44287
419.853.4411

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

EXISTING PLANS ENTITLED WAY-301-(4.14-6.57)(1960) MAY BE INSPECTED IN THE ODOT DISTRICT THREE OFFICE IN ASHLAND.

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 7:00PM 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 THE CENTERLINE PLAT SHEETS OF THE RIGHT OF WAY PLANS FOR TABLES CONTAINING PROJECT CONTROL INFORMATION.

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

PROJECT CONTROL
POSITIONING METHOD: GPS OBSERVATIONS PER THE ODOT VRS NETWORK.
MONUMENT TYPE: TYPE B

ASD-42-1.90:

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID12B

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)

ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: PROJECT SPECIFIC GROUND COORDINATES SCALED FROM OHIO STATE PLANE - NORTH ZONE (3401) BY A COMBINED SCALE FACTOR ABOUT THE GRID ORIGIN N=0, E=0
COMBINED SCALE FACTOR: UNITLESS GRID TO GROUND PROJECT ADJUSTMENT FACTOR (PAF)
MULTIPLIER = 1.00010214

GRID (METERS) TO PROJECT (U.S. SURVEY FEET)
MULTIPLIER = 3.28116844

ORIGIN OF COORDINATE SYSTEM: N=0, E=0 COORDINATE

WAY-301-5.54:

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)

ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: PROJECT SPECIFIC GROUND COORDINATES SCALED FROM OHIO STATE PLANE - NORTH ZONE (3401) BY A COMBINED SCALE FACTOR ABOUT THE GRID ORIGIN N=0, E=0
COMBINED SCALE FACTOR: UNITLESS GRID TO GROUND PROJECT ADJUSTMENT FACTOR (PAF)
MULTIPLIER = 1.00010483
GRID (METERS) TO PROJECT (U.S. SURVEY FEET)
MULTIPLIER = 3.28117726

ORIGIN OF COORDINATE SYSTEM: N=0, E=0 COORDINATE

PROJECT COORDINATE UNITS ARE IN U.S. SURVEY FEET, GRID COORDINATE UNITS ARE IN METERS. USE THE FOLLOWING CONVERSION FACTOR:
1 METER = 39.37 INCHES = 3.280833333 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(S) WILL BE REQUIRED:
623.04b - PRECONSTRUCTION MONUMENT VERIFICATION AND REPORT - LUMP SUM CARRIED TO GEN SUM
623.04b - POST CONSTRUCTION MONUMENT VERIFICATION AND REPORT - LUMP SUM CARRIED TO GEN 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.

COORDINATION OF WORK BETWEEN CONTRACTORS (WAY-301-5.54)

THE CONTRACTOR SHOULD BE AWARE THAT THERE MAY BE OTHER WORK BEING PERFORMED BY A SEPARATE CONTRACT. D03-CHIP-FY2025 IS A PAVEMENT MAINTENANCE CONTRACT AND IS SCHEDULED TO BEGIN WORK IN THE 2024 CONSTRUCTION SEASON. COORDINATION OF WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.

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.

ROADWAY

ITEM 201 - CLEARING AND GRUBBING

THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED. THE TREES LISTED BELOW ARE TO BE REMOVED UNDER A SEPARATE TREE PRUNING CONTRACT BY APRIL 1, 2025.

ASD-42-1.90:	SIZES	NO. TREES	NO. STUMPS	TOTAL
	18"	0	0	0
	30"	6	0	6
	48"	0	0	0
	60"	1	0	1

A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201 - CLEARING AND GRUBBING FOR AREAS NOT INCLUDED IN THE ABOVE LIST. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 201 - CLEARING AND GRUBBING.

ITEM 202 - GUARDRAIL REMOVED FOR REUSE, AS PER PLAN (WAY-301)

THIS ITEM SHALL BE USED TO REMOVE THE EXISTING GUARDRAIL FOR REUSE TO ALLOW FOR ACCESS TO PERFORM WORK ON THE CULVERT.

RAIL ELEMENTS AND HARDWARE ARE TO BE REMOVED FOR REUSE. POST ELEMENTS MAY REMAIN IN PLACE. ANY DAMAGE SUSTAINED TO THE RAIL IS TO BE REPLACED IN KIND AT THE DISCRETION OF THE ENGINEER AT NO COST TO THE DEPARTMENT. AT THE END OF EACH WORKING DAY, THE CONTRACTOR SHALL REINSTALL THE RAIL ELEMENTS AND HARDWARE. THE RE-ERECTION AND NEW HARDWARE IS CONSIDERED INCIDENTAL TO THIS ITEM.

RAIL ELEMENTS SHALL NOT BE REMOVED WHEN AN ACTIVE WORK ZONE IS NOT ENCOMPASSING THE REMOVED RAIL. THE FULL LANE AND SHOULDER ADJACENT TO THE REMOVED RAIL MUST BE CLOSED AND MAINTAINED BY FLAGGERS OR A SIGNALIZED CLOSURE AT ALL TIMES WHEN RAIL IS NOT PROPERLY IN PLACE. THE CONTRACTOR SHALL REFER TO SCD MT-101.90 (DROP OFFS IN WORK ZONES) FOR ADDITIONAL DETAILS.

ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NEEDED TO COMPLETE THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID PER FOOT FOR ITEM 202 - GUARDRAIL REMOVED FOR REUSE, AS PER PLAN.

ITEM 202 - REMOVAL MISC.: FENCE POST

THIS ITEM SHALL BE USED TO REMOVE THE FENCE POST ON THE ASD-42-1.90 LOCATION AS SHOWN ON THE PLAN SHEET.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER EACH ITEM 202 - REMOVAL MISC.: FENCE POST, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT, AS DESCRIBED IN C&MS 606.05 FOR

ITEM 606 - GUARDRAIL REBUILD, TYPE 5

EROSION CONTROL

ITEM 659 - SEEDING AND MULCHING

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

ASD-42-1.90:

659	COMMERCIAL FERTILIZER	0.07	TON
659	LIME	0.1	ACRE
659	WATER	2.69	M GAL
659	REPAIR SEEDING AND MULCHING	24	SQ YD
659	INTERSEEDING	24	SQ YD
659	TOPSOIL	54	CU YD
659	SOIL ANALYSIS TEST	2	EACH
659	SEEDING AND MULCHING	487	SQ YD

WAY-301-5.54:

659	COMMERCIAL FERTILIZER	0.17	TON
659	LIME	0.24	ACRE
659	WATER	6.38	M GAL
659	REPAIR SEEDING AND MULCHING	58	SQ YD
659	INTERSEEDING	58	SQ YD
659	TOPSOIL	128	CU YD
659	SOIL ANALYSIS TEST	2	EACH
659	SEEDING AND MULCHING	1192	SQ YD

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.

GENERAL NOTES

