

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 CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ADESTA, A GAS COMPANY
4 WALKER WAY, SUITE 1
ALBANY, NY 12205
ATTN: MARK BRADFORD
PH: 518-869-5053, EXT 107
EM: MARK.BRADFORD@ADESTAGROUP.COM

AT&T
13630 LORAIN RD
CLEVELAND, OH 44111
ATTN: SCOTT KLEBE
PH: 216-476-6057
EM: SK1274@ATT.COM

CHARTER COMMUNICATIONS
7820 DIVISION DR
MENTOR, OH 44060
ATTN: MATHEW HANNAH
PH: 216-575-8016
EM: MATHEW.HANNAH@CHARTER.COM

DOMINION ENERGY OHIO
320 SPRINGSIDE DR, SUITE 320
AKRON, OHIO 44333
ATTN: MATTHEW C. METZUNG
PH: 330-664-4688
ATTN: W. MICHAEL NORTH
PH: 330-664-2575
EM: RELOCATION@DOMINIONENERGY.COM

GEAUGA COUNTY WATER RESOURCES
470 CENTER ST, BLDG. #3
CHARDON, OH 44024
ATTN: BRIEN CROFF
PH: 440-279-1982
EM: BRIENC@GCDWR.ORG

THE ILLUMINATING CO.
6896 MILLER RD, SUITE 101
BRECKSVILLE, OHIO 44141
ATTN: JOHN ZASSICK
PH: 440-546-8706
EM: JMZASSICK@FIRSTENERGYCORP.COM

NORTHEAST OHIO NATURAL GAS CORP.
8470 STATION STREET
MENTOR, OHIO 44060
ATTN: TIM REILLY
PHONE: 440-701-5100
EMAIL: TREILLY@EGAS.NET

SUDDENLINK/ALTICE USA
115 DYE DRIVE
BECKLEY, WV 25801
ATTN: GREG LESTER
PH: 304-716-0572
CELL: 304-228-9652
EMAIL: Gregory.Lester@AlticeUSA.com

WINDSTREAM
100 OWEN BROWN ST
HUDSON, OH 44236
ATTN: RAMON FRENCH
EM: RAMON.FRENCH@WINDSTREAM.COM

ZITO MEDIA
P.O. BOX 45
ROCK CREEK, OH 44084
ATTN: MIKE PICCOLI
PH: 304-224-3956
EM: MIKE.PICCOLI@ZITOMEDIA.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.

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.

EXISTING PLANS

THE FOLLOWING EXISTING PLANS MAY BE INSPECTED IN THE ODOT DISTRICT 12 OFFICE AT 5500 TRANSPORTATION BLVD, GARFIELD HEIGHTS, OH 44125:

CLEVELAND-MEADVILLE ROAD (CHESTER TWP), 1927
CLEVELAND-MEADVILLE ROAD (MUNSON TWP), 1927
PAINESVILLE-RAVENNA ROAD (NEWBURY TWP), 1927
CLEVELAND-MEADVILLE ROAD (CHESTER TWP), 1928
PAINESVILLE-RAVENNA ROAD (AUBURN & NEWBURY TWP), 1928
CLEVELAND-MEADVILLE ROAD (MUNSON & CLARIDON TWP), 1930
GEA-322-17.82, 1957
GEA-44-2.81/VAR, PID 77469, 2004
GEA-322-0.00, PID 84301, 2016
GEA-322-4.89, PID 85598, 2016
GEA-44-2.81, PID 90903, 2017

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 PM AND 7 AM. 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 TABLE BELOW FOR PROJECT CONTROL INFORMATION FOR EACH CULVERT SITE.

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

PROJECT CONTROL

POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: A

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: GEOID 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (NORTH)
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. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

ITEM 619 - FIELD OFFICE, TYPE B, AS PER PLAN

A TYPE B FIELD OFFICE IS REQUIRED FOR THIS PROJECT. THE FOLLOWING REVISIONS TO EQUIPMENT SUPPLIED WITH THE TYPE B FIELD OFFICE, AS SPECIFIED IN TABLE 619.02-1, FIELD OFFICE, SHALL APPLY:

1. THE BROADBAND INTERNET CONNECTION MUST MEET A MINIMUM UPLOAD SPEED OF 5MB PER SECOND.
2. CONTRACTOR SHALL FURNISH AND SET UP A WI-FI ROUTER MEETING THE REQUIREMENTS OF IEEE 802.11AC FOR THE EXCLUSIVE USE OF THE DEPARTMENT.

ALL OTHER FIELD OFFICE ITEMS SUPPLIED SHALL MEET THE REQUIREMENTS OF A TYPE B, FIELD OFFICE.

ITEM 619 FIELD OFFICE, TYPE B, AS PER PLAN 14 MONTHS

A+B BIDDING CONTRACT TABLE

THE FOLLOWING A+B BIDDING CONTRACT TABLE SHALL BE USED IN CONJUNCTURE WITH PN 124 TO REMOVE AND REPLACE THE CULVERT AT GEA-322-1.64. THE MINIMUM DAYS AND MAXIMUM DAYS SHOWN IN THE FOLLOWING TABLE ARE THE ALLOWABLE DAYS THAT US 322 IS PERMITTED TO BE CLOSED WITH A DETOUR. THE DETOUR FOR US 322 CAN BE REMOVED AND TRAFFIC RETURNED TO US 322 WHEN THE CULVERT HAS BEEN REMOVED AND REPLACED, PROPOSED PAVEMENT AND PAVEMENT MARKINGS HAVE BEEN PLACED OVER THE CULVERT, AND GUARDRAIL, INCLUDING ANCHOR ASSEMBLIES, HAVE BEEN PLACED.

PRIOR TO IMPLEMENTING THE DETOUR AND AFTER THE DETOUR, THE CONTRACTOR IS PERMITTED TO CLOSE ONE LANE WITH FLAGGERS DURING THE HOURS OF 9AM TO 3PM TO PERFORM WORK THAT CAN BE ACCOMPLISHED WITHOUT A FULL ROAD CLOSURE.

CONTRACT SEGMENT - LOCATION OF CRITICAL WORK	MINIMUM DAYS	MAXIMUM DAYS	INCENTIVE/ DISINCENTIVE (\$ PER DAY)	MAXIMUM INCENTIVE (\$)
DETOUR OF US 322 FOR REPLACMENT OF CULVERT AT SLM 1.64	20	24	\$10,000	\$40,000

PRIMARY CONTROL INFORMATION									
CULVERT LOCATION	CTRL POINT	STATION & OFFSET S.R. 44 / U.S. 322	GRID COORDINATES U.S. SURVEY FEET		SCALED COORDINATES U.S. SURVEY FEET		ORTHOMETRIC HEIGHT (ELEVATION)	COMBINED SCALE FACTOR (GRID TO GROUND):	DESCRIPTION
			NORTHING (Y)	EASTING (X)	NORTHING (Y)	EASTING (X)			
GEA-44-3.23	CNPT-A	23+84.24, 26.74' RT	631815.86	2321012.74	631876.51	2321235.53	1182.38	1.000095989213045	5/8" CAPPED IRON PIN
	CNPT-B	21+00.08, 25.28' RT	631533.64	2320979.82	631594.26	2321202.61	1181.65		5/8" CAPPED IRON PIN
GEA-44-3.83	CNPT-C	54+97.29, 15.48' RT	634910.70	2321346.30	634971.56	2321568.80	1199.77	1.000095849186186	5/8" CAPPED IRON PIN
	CNPT-D	52+47.71, 22.15' RT	634661.95	2321325.28	634722.78	2321547.78	1197.05		5/8" CAPPED IRON PIN
GEA-44-10.51	CNPT-E	82+38.87, 23.17' LT	668261.89	2326355.45	668322.33	2326565.86	1306.69	1.000090448180133	5/8" CAPPED IRON PIN
	CNPT-F	89+33.04, 19.19' LT	668955.97	2326349.76	669016.48	2326560.17	1306.86		5/8" CAPPED IRON PIN
GEA-322-1.64	CNPT-G	83+72.07, 24.99' RT	678113.47	2280615.62	678166.74	2280794.78	1138.31	1.000078556170587	5/8" CAPPED IRON PIN
	CNPT-H	89+87.59, 20.39' LT	678158.10	2281231.15	678211.37	2281410.35	1146.03		5/8" CAPPED IRON PIN
GEA-322-3.54	CNPT-I	39+39.38, 25.86' RT	678035.92	2290632.33	678091.22	2290819.17	1200.38	1.000081566652576	5/8" CAPPED IRON PIN
	CNPT-J	44+31.84, 31.98' RT	678018.74	2291125.46	678074.04	2291312.34	1192.79		5/8" CAPPED IRON PIN
GEA-322-4.80	CNPT-K	108+85.84, 25.75' LT	678050.78	2297579.96	678103.12	2297757.32	1102.98	1.000077195958756	5/8" CAPPED IRON PIN
	CNPT-L	107+45.69, 22.73' LT	678048.60	2297439.80	678100.94	2297617.15	1108.23		5/8" CAPPED IRON PIN
GEA-322-9.59	CNPT-M	359+26.30, 19.81' RT	681634.21	2321953.72	681688.83	2322139.79	1199.46	1.000080136421331	5/8" CAPPED IRON PIN
	CNPT-N	361+87.20, 25.47' RT	681680.78	2322210.48	681735.41	2322396.57	1196.04		5/8" CAPPED IRON PIN
GEA-322-10.67	CNPT-O	418+19.22, 28.81' LT	682856.60	2327739.06	682909.53	2327919.50	1150.88	1.000077516008266	5/8" CAPPED IRON PIN
	CNPT-P	420+31.08, 25.78' LT	682895.60	2327947.31	682948.54	2328127.76	1150.31		5/8" CAPPED IRON PIN
GEA-322-18.85	CNPT-R	187+51.29, 22.99' LT	684091.43	2370445.20	684142.15	2370620.93	1083.92	1.000074135495664	5/8" CAPPED IRON PIN
	CNPT-S	190+36.64, 22.91' RT	684052.32	2370731.53	684103.03	2370907.28	1085.06		5/8" CAPPED IRON PIN

CALCULATED SAC CHECKED RMS
GENERAL NOTES
GEA - 322 - 1.64 / VAR
12
237

I:\ProjectData\GEA\108459_GEA-CU-FY2021\Design\Roadway\Sheets\108459_GN001.dgn_Sheet 1.8/17/2022 11:36:54 AM jgrmovse

