

UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS:

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

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.

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

ASHTABULA COUNTY DEPT. OF ENVIRONMENTAL SERVICES (WATER)
ATTN: ED SPOOR
P.O. BOX 520
36 WEST WALNUT STREET
JEFFERSON, OH 44047
PHONE: (440) 576-3722
CELL: (440) 969-4772
ELSpoor@ashtabulacounty.us

ASHTABULA COUNTY DEPT. OF ENVIRONMENTAL SERVICES (SEWER)
ATTN: KYLE BUTCHER
P.O. BOX 520
36 WEST WALNUT STREET
JEFFERSON, OH 44047
PHONE: (440) 576-3722
CELL: (440) 969-4925
RKButcher@ashtabulacounty.us

CHARTER
ATTN: ESTEBAN VALENTIN JR.
2904 STATE ROAD
ASHTABULA, OH 44004
216-575-8016 EXT. 216-555-5740
440-361-0024 CELL
jason.sprague@charter.com

DOMINION ENERGY
ATTN: MATTHEW METZUNG
320 SPRINGSIDE DRIVE
SUITE 320
AKRON, OH 44333
330-664-4688
330-714-5577 CELL
Matthew.C.Metzung@dominionenergy.com

GREATWAVE COMMUNICATIONS
(OLD CONNEAUT TELEPHONE COMPANY)
ATTN: DON ZAPPITELLI
224 STATE ST.
CONNEAUT, OH 44030
(440) 593-7100
donzapp@greatwavecom.com

THE ILLUMINATING COMPANY
ATTN: JOHN ZASSICK
6896 MILLER ROAD
BRECKSVILLE, OH 44141
440-546-8706
jmzassick@firstenergycorp.com

OHIO EDISON
ATTN: MIKE BECK
730 SOUTH AVENUE
YOUNGSTOWN, OH 44502
330-740-7704
330-501-1078 CELL
beckm@firstenergycorp.com

WINDSTREAM
ATTN: RAMON FRENCH
205 S. HAMB DEN STREET
CHARDON, OH 44024
440-285-5537
440-958-7866 CELL
ramon.french@windstream.com

PAVEMENT MARKINGS

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED OVER TO THE GENERAL SUMMARY FOR ALL WORK INCLUDED IN REPLACING THE STRIPING ON ATB-307-1987

ITEM 646 - EDGE LINE, 6", 0.06 MILES
ITEM 646 - CENTER LINE, 0.03 MILES

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 8 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

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

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 2012a

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (2011) (EPOCH:2010.0000)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO NORTH ZONE (3401)
COMBINED SCALE FACTOR: 0.9999804099838
ORIGIN OF SCALE (X,Y): EASTING (X): 0 , NORTHING (Y): 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.

added notes

ITEM SPECIAL - SURVEY CONTROL VERIFICATION

THE CONTRACTOR SHALL PERFORM THIS WORK TO VERIFY THE PROVIDED SURVEY CONTROL. THE CONTRACTOR WILL PERFORM THE VERIFICATION USING ONE OF THE TWO METHODS BELOW DEPENDENT UPON THE CONTRACTOR'S CHOSEN MEANS OF SURVEY CONTROL TO BE USED ON THE PROJECT. THE WORK SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF AN OHIO LICENSED SURVEYOR.

1. IF USING GPS DEVICES TO ESTABLISH AND OR PROVIDE SUPPLEMENTAL HORIZONTAL AND VERTICAL SURVEY CONTROL
 - a. LOCATE VERTICAL CONTROL POINTS PROVIDED IN THE PLANS AND PERFORM A DIFFERENTIAL LEVEL CIRCUIT.
 - b. PERFORM A SITE CALIBRATION UTILIZING THE AVAILABLE HORIZONTAL AND VERTICAL CONTROL POINTS PROVIDED IN THE PLAN.
 - c. PROVIDE A REPORT, SIGNED BY AN OHIO LICENSED SURVEYOR, TO THE PROJECT ENGINEER COMPARING THE OBSERVED DATA TO THE PLAN DATA ALONG WITH A NARRATIVE DETAILING ANY DISCREPANCIES FOUND.
2. IF USING CONVENTIONAL SURVEY INSTRUMENTATION TO ESTABLISH AND OR PROVIDE SUPPLEMENTAL HORIZONTAL AND VERTICAL SURVEY CONTROL
 - a. LOCATE VERTICAL CONTROL POINTS PROVIDED IN THE PLANS AND PERFORM A DIFFERENTIAL LEVEL CIRCUIT.
 - b. LOCATE AND OBSERVE ANGLE AND DISTANCE TO ALL AVAILABLE HORIZONTAL CONTROL POINTS PROVIDE IN THE PLAN
 - c. PROVIDE A REPORT, SIGNED BY AN OHIO LICENSED SURVEYOR, TO THE PROJECT ENGINEER COMPARING THE OBSERVED DATA TO THE PLAN DATA ALONG WITH A NARRATIVE DETAILING ANY DISCREPANCIES FOUND.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID ITEM.

CALCULATED
MJA
CHECKED
TJP

GENERAL NOTES

ATB-307 -
7.64 / 19.87

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SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.			
										01/STR/B R	02/STR/B R									
										3	4	5								
										LS		LS	SPECIAL	69098400	LS		ROADWAY ITEM SPECIAL - SURVEY CONTROL VERIFICATION	3		
													1,500	1,500	832	30000	3,000	EACH	EROSION CONTROL	
																			TRAFFIC CONTROL	
										0.06			646	10010	0.06	MILE	EDGE LINE, 6"			
										0.03			646	10200	0.03	MILE	CENTER LINE			
																			STRUCTURE REPAIRS	
																			FOR ATB-307-0764P ESTIMATED QUANTITIES	12
																			FOR ATB-307-1987 ESTIMATED QUANTITIES	19
																			MAINTENANCE OF TRAFFIC	
											20		10	10	614	11110	20	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
										LS			614	12420	LS				DETOUR SIGNING	
												2	614	18601	2	SNMT			PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5
																			INCIDENTALS	
													LS	614	11000	LS			MAINTAINING TRAFFIC	
													12	619	16010	12	MNTH		FIELD OFFICE, TYPE B	
													LS	623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS			MOBILIZATION	

added item

CALCULATED	MJA	CHECKED	TJP
GENERAL SUMMARY			
ATB-307 -			
7.64 / 19.87			
7 26			