

UTILITIES

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

VILLAGE OF ANSONIA
202 N. MAIN ST.
P.O. BOX 607
ANSONIA, OH 45303
TOM WELBAUM
(937) 337-6781

VECTREN CENTERPOINT ENERGY DELIVERY
6500 CLYO ROAD
CENTERVILLE, OH 45459
GREGORY FISHMAN
(937) 312-2521
GREG.FISHMAN@CENTERPOINTENERGY.COM

CENTURY LINK ENGINEERING DEPT.
124 N. MAIN ST.
SIDNEY, OH 45365
RICK KROGMAN
(937) 498-5105
OH-RELOCATIONS@CENTRURYLINK.COM

DAYTON POWER & LIGHT/AES OHIO (DISTRIBUTION)
1900 DRYDEN RD.
DAYTON, OH 45439
BILL WARD
(937) 554-9063
WILLIAM.WARD@AES.COM

MIAMI VALLEY LIGHTING
1065 WOODMAN DRIVE
DAYTON, OH 45432
STEVEN GALYO
(937) 259-7191

CHARTER
3691 TURNER RD.
DAYTON, OH 45415
JACOB HOUESHELL
(937) 396-8372
JACOB.HOUESHELL

CITY OF GREENVILLE
100 PUBLIC SQUARE
GREENVILLE, OH 45331
CHAD HENRY
(937) 548-4930

EXISTING PLANS

EXISTING PLANS ENTITLED DAR-118-8.23, DAR-502-(1.10)(8.88-9.02), AND DAR-36/502-4.36/9.01. MAY BE INSPECTED IN THE ODOT DISTRICT 7 OFFIC IN SIDNEY, OH.

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.

PROTECTION OF DRINKING WATER RESOURCES

PORTIONS OF THE PROJECT ARE LOCATED WITHIN THE BOUNDARIES OF A DESIGNATED SOLE SOURCE AQUIFER AND/OR DESIGNATED SOURCE WATER PROTECTION AREA. BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE LOCAL FIRE DEPARTMENT (911), LOCAL EMERGENCY COORDINATOR (937-548-2020) AND THE OEPA (1-800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.

PROTECTION OF PADDLERS AT DAR-118-0825

AT LEAST 10 DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ODNR TRAILS ADMINISTRATOR (614-265-6575 / THOMAS.ARBOUR@DNR.STATE.OH.US) OF THE UPCOMING CONSTRUCTION ACTIVITIES WITHIN THE STILLWATER RIVER.

THE CONTRACTOR SHALL MAINTAIN A MINIMUM 10-FOOT CHANNEL OPENING WITHIN THE STILLWATER RIVER DURING INSTREAM ACTIVITIES. THE CONTRACTOR SHALL INSTRUCT ON-SITE PERSONNEL TO BE ALERT TO PADDLERS OR OTHER RECREATIONAL STREAM USERS AND ACCOMMODATE THEIR SAFE TRAVEL THROUGH THE CONSTRUCTION AREA.

INDIANA BAT AND NORTHERN LONG-EARED BAT PROTECTION:

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCAT CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. 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 VISUALLY INSPECT WORK AREAS ON THE STRUCTURE FOR EVIDENCE OF ROOSTING BATS WITHIN 60 DAYS PRIOR TO DEMOLITION. THE PERSON(S) CONDUCTING THE INSPECTION MUST BE CAPABLE OF IDENTIFYING BATS. INSPECTION USING BINOCULARS FROM THE GROUND IS ACCEPTABLE. THE CONTRACTOR MUST PROVIDE WRITTEN CONFIRMATION OF THE INSPECTION TO THE ENGINEER, INCLUDING A STATEMENT INDICATING WHETHER EVIDENCE OF ROOSTING BATS WAS FOUND.

IF NO EVIDENCE OF ROOSTING BATS WERE ENCOUNTERED, CONSTRUCTION ACTIVITIES CAN PROCEED ANY TIME OF THE YEAR.

IF ROOSTING BATS ARE ENCOUNTERED WITHIN THE PROPOSED WORK AREA, CONTACT THE ENGINEER AND ODOT DISTRICT ENVIRONMENTAL COORDINATOR [TRICIA BISHOP, (937) 497-6721] IMMEDIATELY. CONSTRUCTION ACTIVITIES CAN ONLY OCCUR BETWEEN OCTOBER 31 AND MARCH 31 UNLESS THE CONTRACTOR BLOCKS ACCESS TO PORTIONS OF THE BRIDGE THAT COULD BECOME ROOSTING LOCATIONS (SUCH AS THE UNDERSIDE OF BRIDGE EXPANSION JOINTS, ETC.) PRIOR TO APRIL 1ST. THE CONTRACTOR MUST PROVIDE WRITTEN CONFIRMATION TO THE ENGINEER INCLUDING A STATEMENT INDICATING MEASURES TAKEN TO BLOCK ACCESS TO ROOSTING LOCATIONS. WORK THAT WOULD RESULT IN HARM TO THE BATS SHALL NOT OCCUR.

PROTECTION OF THE ARCHAEOLOGICAL CONSERVANCY PROPERTY (PARCEL F27221234010211400)

THE CONTRACTOR SHALL NOT STAGE ANY EQUIPMENT OR MATERIALS AND SHALL NOT OTHERWISE ACCESS THE PROPERTY OWNED BY THE ARCHAEOLOGICAL CONSERVANCY (PARCEL F27221234010211400) IN THE SOUTHWEST QUADRANT OF THE DAR-502-0901 STRUCTURE.

SEEDING AND MULCHING

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

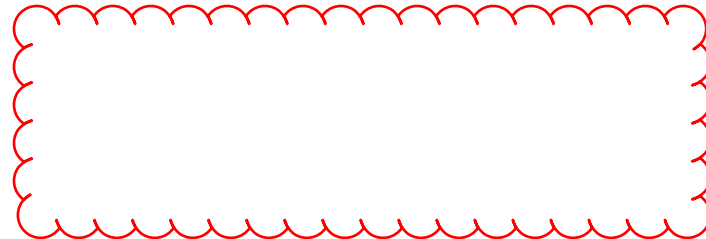
659, SEEDING AND MULCHING
420 SQ. YD.

659, REPAIR SEEDING AND MULCHING
22 SQ. YD.

659, COMMERCIAL FERTILIZER
0.06 TON

659, WATER
2 M. GAL.

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.



DESIGN AGENCY



DISTRICT 7
ENGINEERING

DESIGNER

LCG

REVIEWER

DHG 09/16/21

PROJECT ID

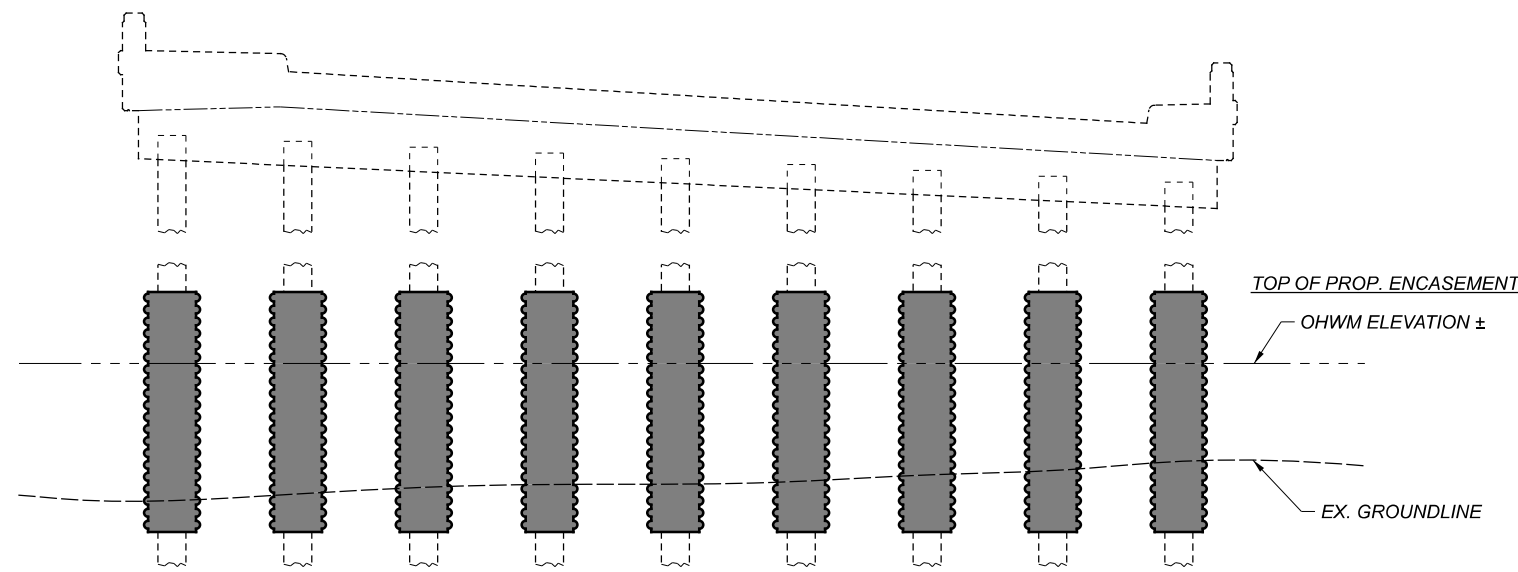
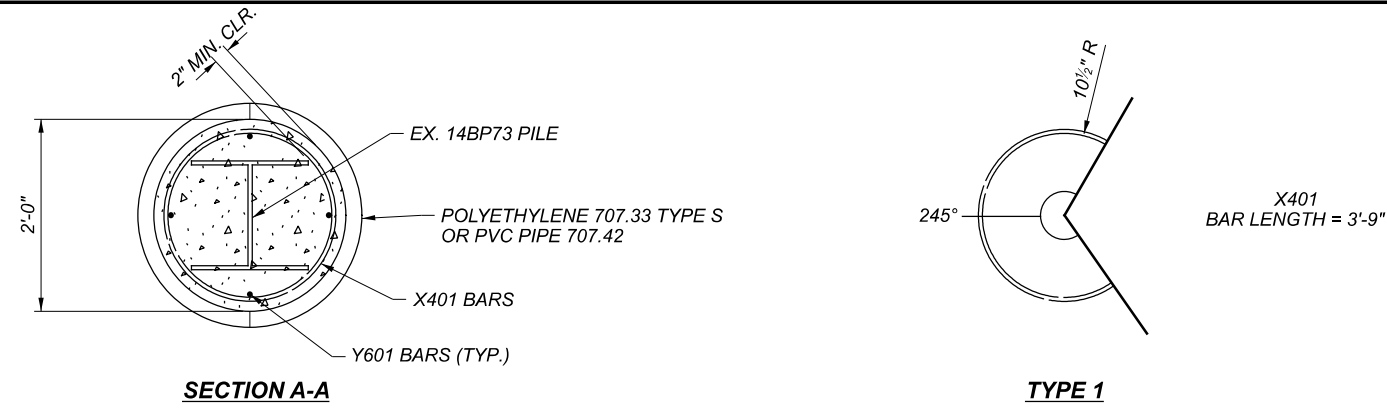
105410

SHEET TOTAL

P.03 19

DAR-118/502-8.25/9.01

MODEL: Sheet PAPER: 17x11 (in.) DATE: 1/18/2022 TIME: 13:59:47 USER: kberling
 p:\c\hobbs\pww\benley.com\shahid\pww-02\Documents\01 Active Projects\District 07\Darke105410\400-Engineering\Structures\SFN_1903128_Sheets\105410_SFN_1903128_S1001.dgn



TYPICAL PIER ELEVATION

PILE REPAIR - PLATE QUANTITIES							
PIER	PILE #	LOCATION (FRONT - STREAM SIDE BACK - SLOPE SIDE)	DESCRIPTION	LBS PER LIN. FOOT	WEIGHT	PLATE	ITEM 513 - STRUCTURAL STEEL MEMBERS, LEVEL UP, AS PER PLAN
					PER PLATE	QUANTITY	
REAR	9	BACK	14" X 4' X 1/2" PLATE	23.8	95.2	1	95.2
	9	FRONT	14" X 5' X 1/2" PLATE	23.8	119	1	119
FORWARD	8	BACK	14" X 7.5' X 1/2" PLATE	23.8	178.5	1	178.5
	9	BACK & FRONT	14" X 4' X 1/2" PLATE	23.8	95.2	2	190.4
TOTAL CARRIED TO GENERAL SUMMARY							583

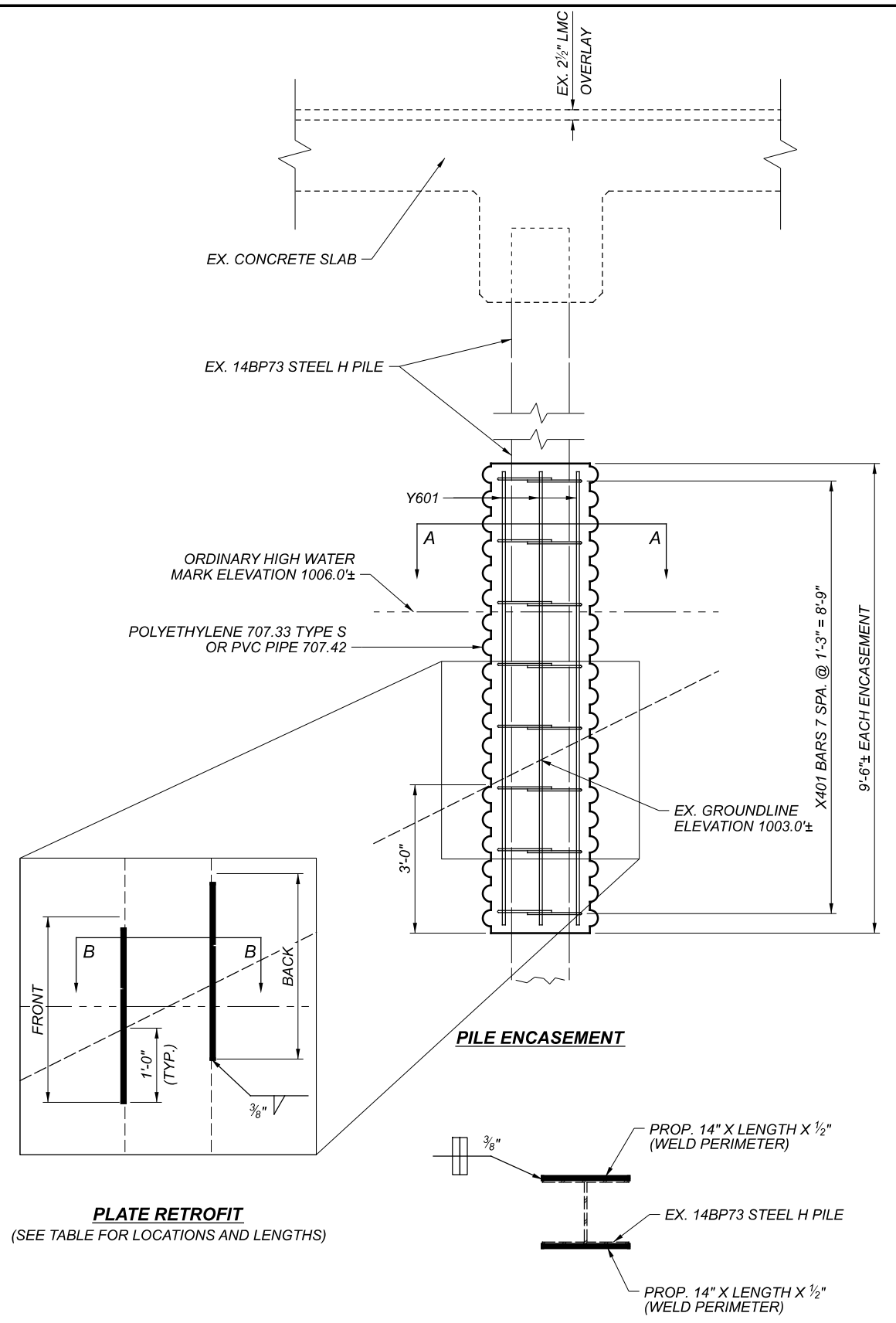
*PILES ARE NUMBERED LOOKING UPSTATION, LEFT TO RIGHT

STRUCTURE: DAR-502-0901	LBS	TYPE
X401	288	3'-9"
Y601	72	9'-2"
TOTAL	1713	

THE COST FOR THE REINFORCING STEEL IS INCLUDED WITH ITEM SPECIAL, PILE ENCASEMENT

ESTIMATED QUANTITIES				
BRIDGE NO.:	PIERS ENCASED	TOTAL ENCASUREMENT	NUMBER OF	SPECIAL
		LENGTH	PILES	PILE ENCASUREMENT
		FT.	EACH PIER	FT.
DAR-502-0901	REAR PIER AND FORWARD PIER	9'-6"	9	171

TOTALS CARRIED TO THE GENERAL SUMMARY



PIER DETAILS
 BRIDGE NO.: DAR-502-0901
 S.R. 502 OVER MUD CREEK

SFN	1903128
DESIGN AGENCY	
DISTRICT 7 ENGINEERING	
DESIGNER/CHECKER	LCG DHG
REVIEWER	MRB 09/22/21
PROJECT ID	105410
SUBSET	TOTAL
4	4
SHEET	TOTAL
P.19	19