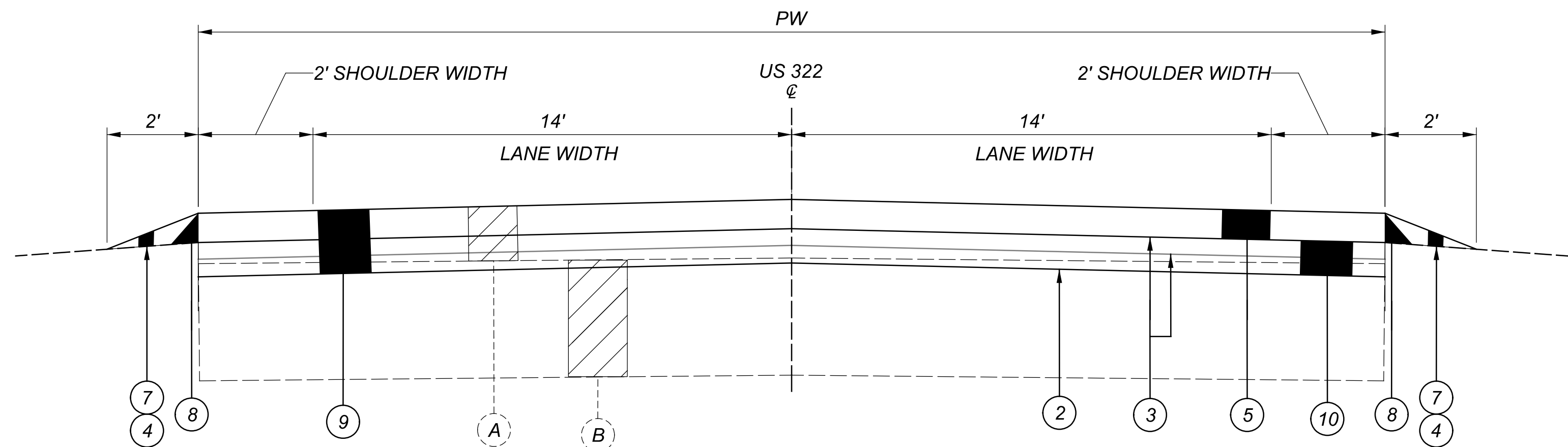


TYPICAL SECTION 1
EX. ASPHALT BASE SLM 8.11-14.90



TYPICAL SECTION 2
EX. ASPHALT BASE SLM 14.90-15.24

LEGEND

- 1

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE (T = 5")
- 2

ITEM 407, NON-TRACKING TACK COAT @ 0.08 GAL/SY
- 3

ITEM 407, NON-TRACKING TACK COAT @ 0.05 GAL/SY
- 4

ITEM 408, PRIME COAT, AS PER PLAN @ 0.4 GAL/SY
- 5

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446), PG70-22M, (T = 1.5")
- 6

ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446), (T = 3.5")
- 7

ITEM 617, COMPACTED AGGREGATE, AS PER PLAN (T = 1" AVG.)
- 8

ITEM 209, PREPARE SUBGRADE FOR SHOULDER PAVING SAFETY EDGE, PER SCD BP-3.2
- 9

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
- 10

ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446), (T = 3")

- A

EXISTING ASPHALT SURFACE (T = 3"±)
- B

EXISTING ASPHALT BASE (T = 11"±)

TYPICAL SECTION 1				
ROUTE	SLM		LENGTH (MILES)	PW (FEET)
	FROM	TO		
US 322	8.11	9.65	1.54	26
US 322	9.65	12.49	2.84	26
US 322	12.49	13.55	1.06	30
US 322	13.55	14.9	1.35	30

TYPICAL SECTION 2				
ROUTE	SLM		LENGTH (MILES)	PW FEET
	FROM	TO		
US 322	14.90	14.95	0.05	30
US 322	14.95	14.98	0.03	37
US 322	14.98	15.02	0.04	44
US 322	15.06	15.12	0.06	37
US 322	15.12	15.16	0.04	44
US 322	15.16	15.19	0.03	37
US 322	15.19	15.24	0.05	30



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 EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

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.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. (PREVIOUS CONSTRUCTION PLANS, PROJECT NO. 21438 AND 22442, SHOWING THE ORIGINAL ALIGNMENT AND PROFILE, ARE AVAILABLE FOR INSPECTION AT THE ODOT DISTRICT 4 OFFICE). PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY WITH A UNIFORM THICKNESS OF 1.5 INCHES AND TWO LAYERS OF INTERMEDIATE COURSE VARYING IN THICKNESS FROM 1.75 INCHES TO 3 INCHES AS SHOWN ON THE TYPICAL SECTIONS.

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS HAVE BEEN SUPPLIED AS REFERENCE DOCUMENTS FOR THIS PROJECT AND ARE AVAILABLE ON THE ODOT FTP SITE AT <https://ftp.dot.state.oh.us/pub/contracts/Attach/> FOR THIS PROJECT. FOR ANY LOCATIONS THAT PAVEMENT MARKING DETAILS HAVE NOT BEEN MADE AVAILABLE TO THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PUT BACK NEW PAVEMENT MARKINGS IN THE ORIGINAL LOCATIONS.

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT SHALL BE AS FOLLOWS:

ROUTE	S.L.M. TO	S.L.M.	LANE WIDTH
US 322	8.11	15.24	12'

RUMBLE STRIPES

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE ALONG THE FOLLOWING ROUTES WITHIN THE PROJECT LIMITS:

EDGE LINE:	CENTER LINE:	
US 322: SLM 8.11 - 9.65	US 322: SLM 8.11 - 9.65	
US 322: SLM 9.67 - 13.56	US 322: SLM 9.67 - 13.56	
US 322: SLM 13.59 - 15.24	US 322: SLM 13.59 - 15.24	
ITEM 618, RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	15 MILES	
ITEM 618, RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	8 MILES	
ITEM 874, LONGITUDINAL JOINT PREPARATION	42,240 FT	

LINEAR GRADING

AREAS WHERE THE SHOULDER IS HIGHER THAN THE EDGE OF PAVEMENT WILL BE GRADED TO PROVIDE POSITIVE DRAINAGE. THIS WORK WILL ONLY BE PERFORMED IN AREAS NECESSARY AND WILL NOT BE PERFORMED ON THE ENTIRE PROJECT. AREAS FOR THE WORK WILL BE MARKED BY THE PROJECT ENGINEER. UNDER NO CIRCUMSTANCES WILL THIS WORK BE PERFORMED CONCURRENTLY WITH ANY OTHER OPERATION.

GRADING WILL BE ACCOMPLISHED BY THE REMOVAL OF MATERIAL TO PROVIDE A 0.08 POSITIVE SLOPE. THE GRADED AREAS WILL BE COMPACTED TO A SUFFICIENT DENSITY TO PREVENT EROSION UNTIL SEEDING AND MULCHING IS PERFORMED. ALL EXCESS MATERIAL WILL BE REMOVED FROM THE BERMS AND WILL BE DISPOSED OF OFF THE PROJECT BY THE CONTRACTOR.

THE CONTRACTOR IS REQUIRED TO PLACE ITEM 617 WITHIN A PERIOD NOT TO EXCEED 7 DAYS. REFER TO THE AS PER PLAN NOTE FOR REQUIREMENTS.

EXPOSED EARTH OUTSIDE OF THE LIMITS OF ITEM 617 ARE REQUIRED TO BE SEEDED AND MULCHED WITHIN 7 DAYS OF PLACEMENT OF ITEM 617. PAYMENT FOR THIS WORK SHALL BE MADE UNDER ITEM 832.

THE QUANTITY OF ITEM 209 IS NOT PERMITTED TO BE INCREASED. REDUCTIONS IN QUANTITIES ARE PERMITTED AS DETERMINED BY THE PROJECT ENGINEER.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK WILL BE INCLUDED IN THE UNIT PRICE FOR THE PERTINENT BID ITEM. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

209, LINEAR GRADING, 753 STA.

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERCENT PASSING
1- 1/2"	100
3/4"	50-100
NO. 4	35-70
NO. 30	9-33
NO. 200	0-13

INTERSECTIONS

INTERSECTIONS WILL BE RESURFACED 10 FT. BEYOND THE EDGE LINE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR INDICATED IN THE PLAN. INTERSECTIONS SHALL BE PAVED AFTER COMPLETION OF THE SURFACE COURSE OR WITH THE MAINLINE PAVEMENT IF THIS CAN BE ACCOMPLISHED WITHOUT CHANGING THE VELOCITY AND DIRECTION OF THE PAVER. USE THE SAME ASPHALT CONCRETE AS THE MAINLINE PAVEMENT. A BUTT JOINT, AS PER SCD BP-3.1, SHALL BE USED TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING PAVEMENT. ANY GRADING OR PRIME NECESSARY TO ACCOMPLISH THIS WORK SHALL BE INCLUDED IN THE COST OF THE ASPHALT SURFACE COURSE.

DRIVEWAYS

THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE A DIFFERENCE IN ELEVATION BETWEEN THE MAINLINE ASPHALT SURFACE COURSE AND THE EXISTING DRIVEWAYS. IF APPROVED BY THE ENGINEER, AN ASPHALT WEDGE WITH A MINIMUM WIDTH OF 2' MAY BE PLACED EITHER ON THE ROADWAY SHOULDER OR DRIVEWAY DEPENDENT UPON WHICH SIDE IS HIGH. A QUANTITY OF MAINLINE SURFACE COURSE ASPHALT HAS BEEN PROVIDED IN THE CALCULATIONS AND GENERAL SUMMARY TO PERFORM THIS WORK.

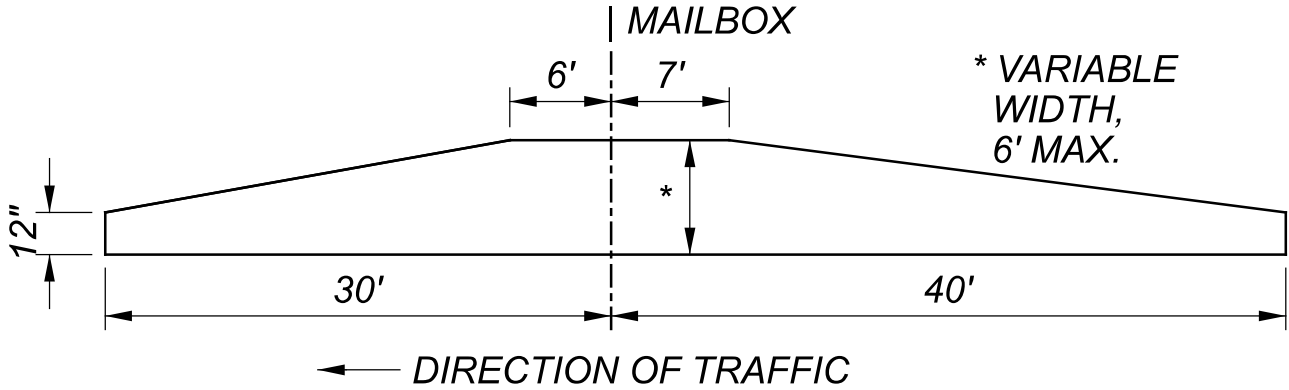
IN THE EVENT THAT THE ENGINEER DETERMINES ADDITIONAL WORK IS NECESSARY TO PROPERLY ADDRESS FIELD CONDITIONS, AN ITEM FOR WEARING COURSE REMOVED HAS BEEN PROVIDED. THE REMOVAL DEPTH IS DEPENDENT UPON THE ELEVATION DIFFERENCE AND ALLOW FOR 1"-2" OF COMPACTED ASPHALT MATERIAL TO BE PLACED.

FIELD DRIVEWAYS

THIS ITEM WILL CONSIST OF PLACING ITEM 411, STABILIZED CRUSHED AGGREGATE. THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE A DIFFERENCE IN ELEVATION BETWEEN THE MAINLINE ASPHALT SURFACE COURSE AND THE EXISTING FIELD DRIVEWAYS. FIELD DRIVES WILL BE PLACED AFTER THE COMPLETION OF THE SURFACE COURSE AND SHALL HAVE AN AVERAGE 2 INCH THICKNESS. ALL GRADING TOOLS, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO LAYOUT AND CONSTRUCT THE FIELD DRIVES WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 411, AGGREGATE BASE. AN ESTIMATED QUANTITY OF 30 CU. YD. HAS BEEN CARRIED TO THE GENERAL SUMMARY.

PAVED MAILBOX APPROACHES

ALL EXISTING MAIL BOX APPROACHES WILL BE PAVED WITH ASPHALT CONCRETE. THE BUILDUP OF THE ASPHALT PAVEMENT SHALL MATCH THE MAINLINE PAVING. THE LIMITS OF THE PAVING SHALL MATCH THE EXISTING MAILBOX APPROACH LIMITS. PAYMENT FOR THE WORK SHALL BE INCLUDED IN THE MAINLINE PAVING QUANTITIES, SEPARATE QUANTITIES FOR THE MAILBOX APPROACHES ARE NOT PROVIDED.



ENDANGERED SPECIES HABITAT
INDIANA BAT/NORTHERN LONG-EARED BAT
(ADJACENT TO ATB-322-13.55 STRUCTURE ONLY)

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED TO CONSTRUCT THE 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. 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.

ENDANGERED SPECIES
EASTERN MASSASAUGA RATTLESNAKE

THE PROJECT SITE AT ATB-322-13.55 IS WITHIN THE RANGE OF THE EASTERN MASSASAUGA RATTLESNAKE (SISTRURUS CATENATUS), A STATE ENDANGERED AND FEDERAL THREATENED SPECIES. IF EASTERN MASSASAUGA RATTLESNAKES ARE ENCOUNTERED IN THE WORK AREA(S) DURING CONSTRUCTION, NO PERSON SHALL HARM OR KILL THE SNAKES OR ATTEMPT TO HANDLE THE EASTERN MASSASAUGA RATTLESNAKE. ALL CONSTRUCTION OPERATIONS AT THE WORK AREA(S) SHALL TEMPORARILY CEASE AND ODOT OFFICE OF ENVIRONMENTAL SERVICES (OES) - ECOLOGICAL SECTION (614-466-5129 OR 614-466-5112) AND THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE (614-416-8993) WILL BE IMMEDIATELY CONTACTED. CONSTRUCTION OPERATIONS WILL NOT RESUME UNTIL COORDINATION WITH ODOT OES AND USFWS HAS BEEN CONCLUDED.

PROTECTION OF DRINKING WATER RESOURCES

PORTIONS OF THE PROJECT ARE LOCATED WITHIN THE INNER MANAGEMENT ZONE AND SOURCE WATER PROTECTION AREA ASSOCIATED WITH THE VILLAGE OF ORWELL'S COMMUNITY WATER SYSTEM, THE SOURCE WATER PROTECTION AREA FOR THE COLEBROOK LOUNGE NONCOMMUNITY SYSTEM, AND THE INLAND SURFACE WATER SOURCE WATER AREA WATERSHED ASSOCIATED WITH THE CITY OF WARREN COMMUNITY SYSTEM. BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETRO-CHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED 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 THAT COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE VILLAGE OF ORWELL VOLUNTEER FIRE DEPARTMENT (911) AND THE OEPA SPILLS HOTLINE (800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.

ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446)

THIS ITEM OF WORK SHALL BE IN CONFORMANCE WITH ITEM 441 OF CMS EXCEPT THAT THE CONTRACTOR MAY PLACE THE INTERMEDIATE COURSE IN ONE (1) 3 1/2" LIFT. IF OPTIMUM DENSITY PER ITEM 446 OF CMS IS NOT ACHIEVED, THE CONTRACTOR SHALL PLACE THE INTERMEDIATE COURSE IN TWO (2) SEPARATE LIFTS WITH NON-TRACKING TACK COAT BETWEEN THE LIFTS. THE TACK COAT BETWEEN THE LIFTS SHALL BE AT NO ADDITIONAL COST TO THE DEPARTMENT. ALL EQUIPMENT, LABOR, TOOLS, TACK COAT, AND OTHER INCIDENTALS TO PERFORM THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446).

GENERAL NOTES

DESIGN AGENCY



DESIGNER

NKF

REVIEWER

MJP 04-29-24

PROJECT ID

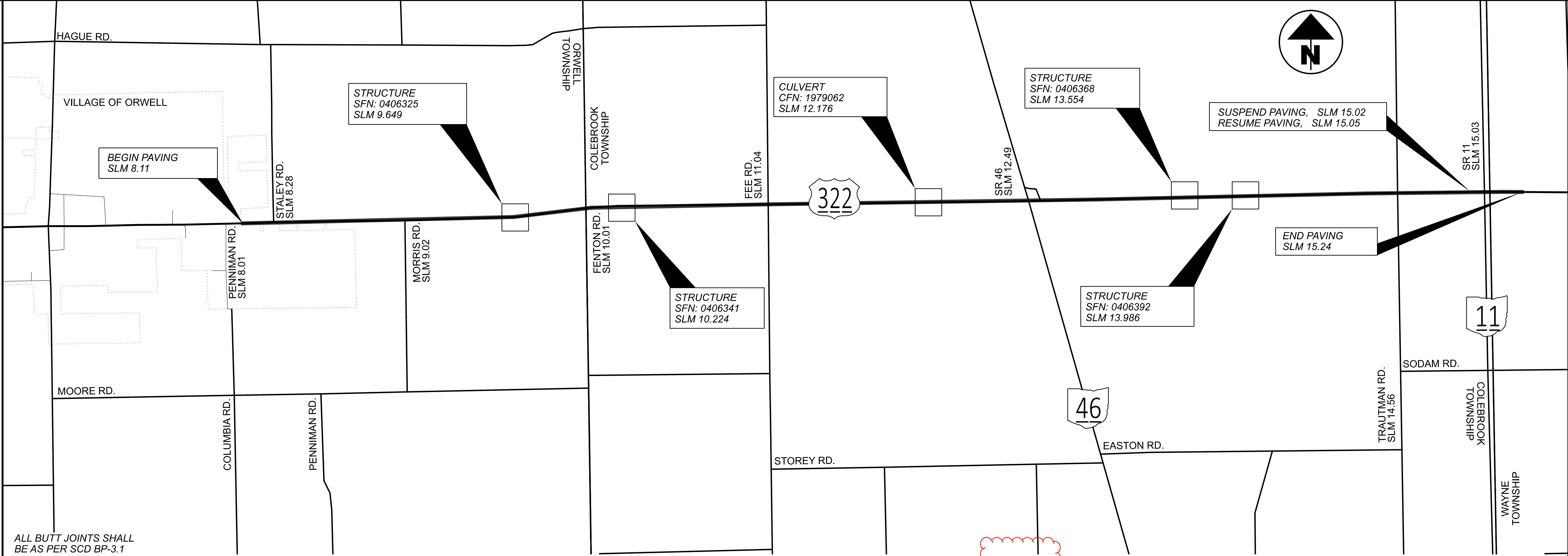
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SHEET

P.3

TOTAL

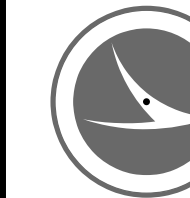
52



SLM RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	PAVEMENT PLANING, ASPHALT CONCRETE, (T = 5")												PAVEMENT PLANING, ASPHALT CONCRETE, (T = 3")												NON-TRACKING TACK COAT @ 0.08 GAL/SY												NON-TRACKING TACK COAT @ 0.05 GAL/SY												PRIME COAT, AS PER PLAN @ 0.4 GAL/SY												ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M, (T = 1.5")												ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), (T = 3")												ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), (T = 3.5")												COMPACTED AGGREGATE, AS PER PLAN, (T = 1" AVG)												PREPARING SUBGRADE FOR SHOULDER PAVING												ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M (SAFETY EDGE)												NON-TRACKING TACK COAT @ 0.09 GAL/SY (SAFETY EDGE)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			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PAVEMENT CALCULATIONS

DESIGN AGENCY



DESIGNER

NKF

REVIEWER

MJP 04-29-24

PROJECT ID

113810

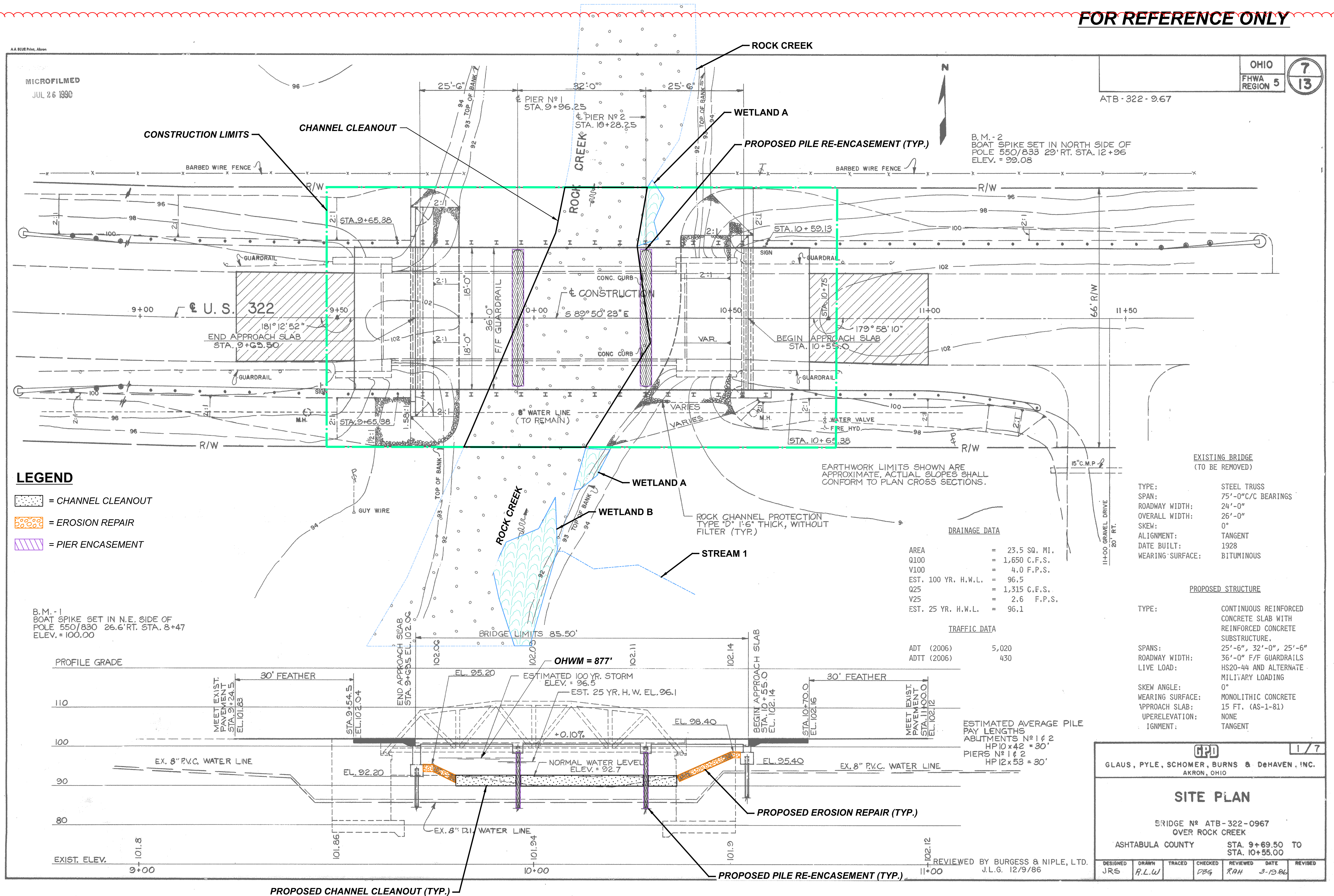
SHEET

P:11

TOTAL

52

FOR REFERENCE ONLY



NOT TO SCALE

STRUCTURE PLAN
ATB-322-9.649
OVER ROCK CREEK

N
0406325
DESIGN AGENCY

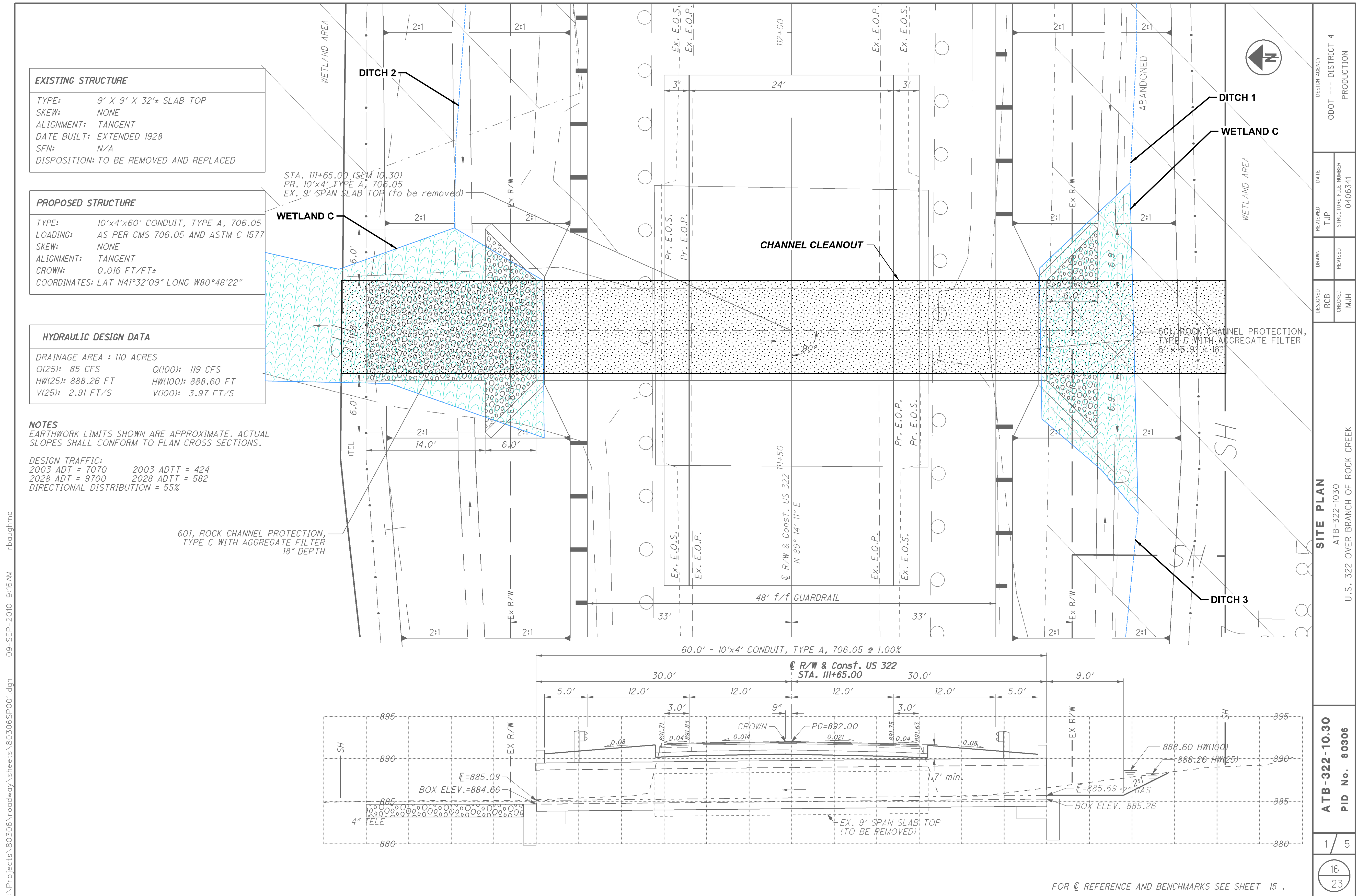


DESIGNER	CHECKER
NKF	MJA
REVIEWER	
JJP 04-29-24	
PROJECT ID	
113810	
HBSET	TOTAL
6	8
MEET	TOTAL
P.20	52

LEGEND

CHANNEL CLEANOUT

FOR REFERENCE ONLY



NOT TO SCALE

STRUCTURE PLAN
ATB-322-10.224
OVER STREAMSFN
0406341

DESIGN AGENCY



DESIGNER

CHECKER

NKF MJA

REVIEWER

MJP 04-29-24

PROJECT ID

113810

SUBSET

TOTAL

SHEET

P.21

TOTAL

52

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR	13
2	OHIO	HIF	1953	14

ASHTABULA COUNTY
ATB-322-13.49
1 MI. EAST OF COLEBROOK

EXISTING BRIDGE DATA

Bridge No. AS-322-136A
Type:- Through Pony Truss
Span:- 27' Clear - 3035' C/Pins
Roadway:- 15.7'
Skew:- 3°-30' Lt. Fwd.
Condition:- Superstructure: poor
Substructure: fair
Posted 60% Reduction

Bridge No. AS-322-136
Type:- Concrete slab
Span:- 12'
Roadway:- 23.8'
Skew:- None
Condition:- Fair
Date Built:- Before 1916
Bridges to be removed

PROPOSED STRUCTURE
TYPE: Cont. Reinf. Concrete Slab with capped pile substructure
SPANS: 28'-35'-28' ctr. to ctr. of brgs.
ROADWAY: 40'-0" P/P guard rails
LOADING: S-15-46
SURF COURSE: Bituminous
APPR. SLABS: As shown
SKEW: None

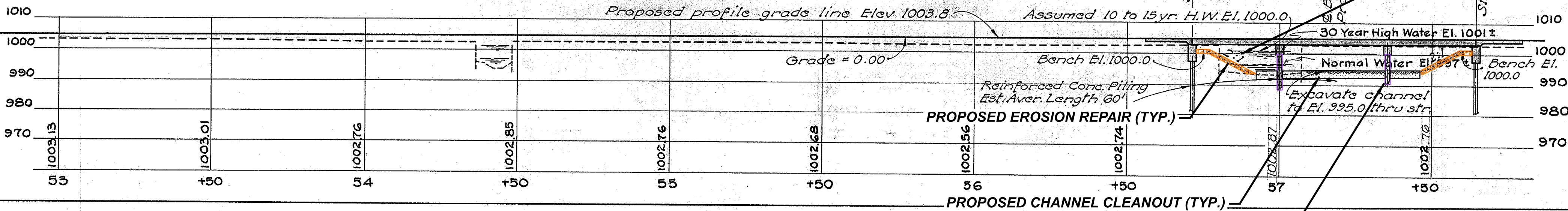
For Cross Sections of Temporary Run-around see Sheets 6, 7 & 8.

$\Delta = 30^\circ 58'$
 $D = 30^\circ 16'$
 $E = 5.96'$
 $L = 45.73'$
 $R = 157.84'$

Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus or in an abridged form in the Division Office, but the State assumes no responsibility for the accuracy thereof.

LEGEND

- = CHANNEL CLEANOUT
- = EROSION REPAIR
- = PIER ENCASEMENT



NOT TO SCALE

DRAINAGE AREA 7.8 SQ. MI.

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES			
SITE PLAN BRIDGE NO. AS-322-136 OVER MOSQUITO CREEK ASHTABULA COUNTY ATB-322 SEC. ATB-322-13.49 Scale 1" = 20' Sta. 57+17.50			
PRESENT TOPOGRAPHY	DESIGNED	PROPOSED WORK	CHECKED
SURVEYED	DRAWN	DRAWN	CHECKED
D.D.H.	P.E.J.	J.H.G.	S.G.S.
BFG		K. 29-52	

STRUCTURE PLAN
ATB-322-13.554
OVER MOSQUITO CREEK

SFN
0406368

DESIGN AGENCY



DESIGNER/CHECKER
NKF MJA

REVIEWER
MJP 04-29-24

PROJECT ID
113810

SUBSET TOTAL
8 8

SHEET TOTAL
P.22 52