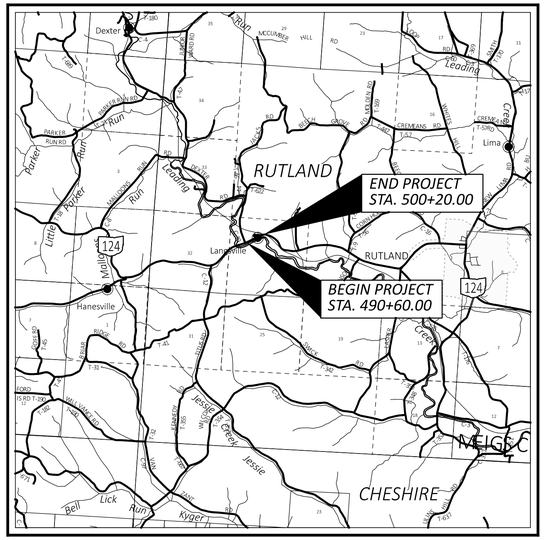
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MEG-124-9.20

RUTLAND TOWNSHIP

MEIGS COUNTY



LOCATION MAP

LATITUDE: 39°02'50"N LONGITUDE: 82°10'54"W

N

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
FEDERAL ROUTES
STATE ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

DESIGN DESIGNATION

CURRENT ADT (2026)	1053
DESIGN YEAR ADT (2046)	1163
DESIGN HOURLY VOLUME (2046)	123
DIRECTIONAL DISTRIBUTION	56%
TRUCKS (24 HOUR B&C)	4%
DESIGN SPEED	45 MPH
LEGAL SPEED	45 MPH

DESIGN FUNCTIONAL CLASSIFICATION:
05 - MAJOR COLLECTOR

NHS PROJECT ..... NO

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
A. MORTON THOMAS AND ASSOCIATES, INC.
250 CIVIC CENTER DRIVE, SUITE 205
COLUMBUS, OH 43215

INDEX OF SHEETS:

FEDERAL PROJECT NUMBER

E240 (019)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

PROJECT TO ADDRESS FLOODING LOCATION BY IMPROVING DRAINAGE AND RAISING VERTICAL ROADWAY PROFILE OF SR 124, INCLUDING NEW STORM SEWER, GUARDRAIL, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	1.2 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.6 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	1.8 ACRES

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-3.1	1-19-24	MGS-1.1	1-17-25	TC-41.20	10-18-13	DM-1.1	1-17-25	MT-101.60	1-17-25	SS800	7-18-25	
BP-4.1	7-19-13	MGS-2.1	1-17-25	TC-42.20	10-18-13	DM-1.2	1-17-25			SS832	7-18-25	
		MGS-4.1	1-20-17	TC-52.10	10-18-13	DM-4.4	1-15-16					
		MGS-4.3	1-18-13	TC-52.20	1-15-21	CB-2-2ABC	7-19-24					
				TC-61.30	7-19-24	MH-1	7-15-22					
				TC-65.10	1-17-14	HW-2.1	7-15-22					
				TC-65.11	1-17-25	HW-2.2	7-20-18					
				TC-71.10	4-21-23							

ENGINEER'S SEAL
ROADWAY
STATE OF OHIO
JEROD A. HILLER
E-77281
REGISTERED
PROFESSIONAL ENGINEER
SIGNED:
DATE: 2026.01.12 11:41:47-05'00'

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET P.07.

Rich Oster
District 10 Deputy Director

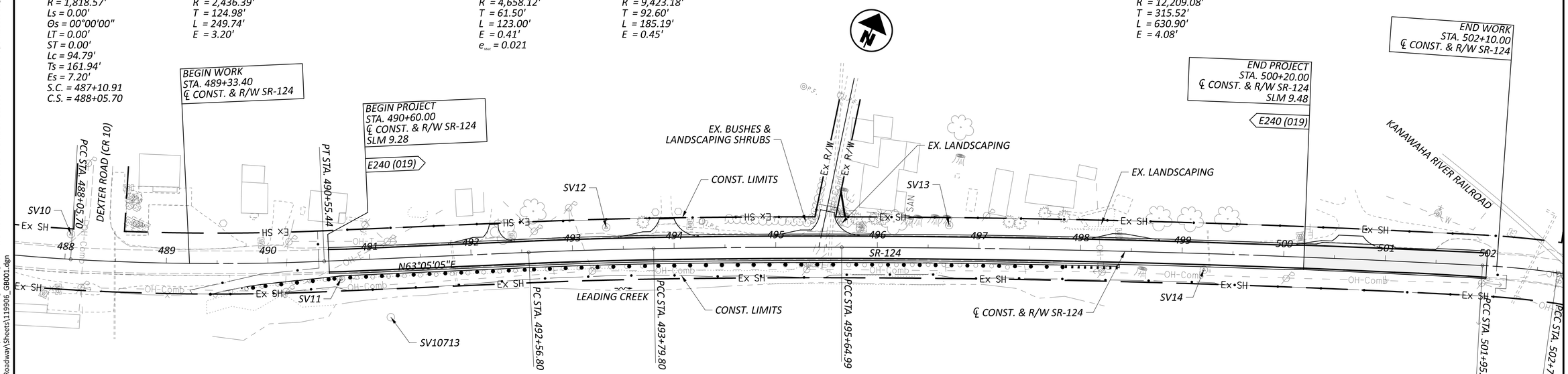
Pamela Boratyn, J.D.
Director, Department of Transportation

TITLE SHEET

DESIGN AGENCY
AMT

DESIGNER JAL
REVIEWER JAH 07/15/25
PROJECT ID 119906
SHEET P.01 TOTAL 31

MODEL: Title Sheet PAPERSIZE: 34x22 (in.) DATE: 10/2/2025 TIME: 10:34:18 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: jhiller@amtengineering.com WORKSPACE: OHDOTCEv02 WORKSET: 119906 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_GT001.dgn



CURVE DATA
P.I. = STA. 502+32.96
Δ = 04°52'15" RT
Dc = 06°34'18"
R = 871.85'
T = 37.08'
L = 74.12'
E = 0.79'

CURVE DATA
P.I. = STA. 502+44.65
Δ = 44°23'55" RT
Dc = 01°13'48"
R = 4,658.12'
Ls = 0.00'
Θs = 00°00'00"
LT = 0.00'
ST = 0.00'
Lc = 123.00'
Ts = 987.85'
Es = 103.60'
S.C. = 492+56.80
C.S. = 493+79.80

PRIMARY PROJECT CONTROL INFORMATION

MONUMENT NO.	STATION	OFFSET	ROADWAY	PROJECT COORDINATES (GROUND) NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION
SV10	488+04.54	24.74' (LT)	SR-124	308465.898	111538.896	579.886	5/8"x30" IPS W/CAP
SV11	490+71.00	18.03' (RT)	SR-124	308535.635	111798.969	577.679	5/8"x30" IPS W/CAP
SV12	493+33.70	21.93' (LT)	SR-124	308689.772	112015.737	576.552	5/8"x30" IPS W/CAP
SV13	496+70.36	22.53' (LT)	SR-124	308831.348	112322.086	574.940	5/8"x30" IPS W/CAP
SV14	499+21.87	15.95' (RT)	SR-124	308895.056	112568.489	575.110	5/8"x30" IPS W/CAP
SV10713	491+18.49	57.85' (RT)	SR-124	308521.616	111859.338	564.403	MAG NAIL SET
SV10434	486+66.24	32.88' (RT)	SR-124	308366.395	111427.245	577.563	5/8" IPF
SV10435	487+16.26	33.36' (RT)	SR-124	308381.438	111475.044	579.783	5/8" IPF

NOTES
1. THERE ARE LANDSCAPED AREAS WITHIN THE PROJECT LIMITS SHOWN ON THIS SHEET.

HORIZONTAL SCALE IN FEET
0 25 50 100

SCHEMATIC PLAN

DESIGN AGENCY
AMT

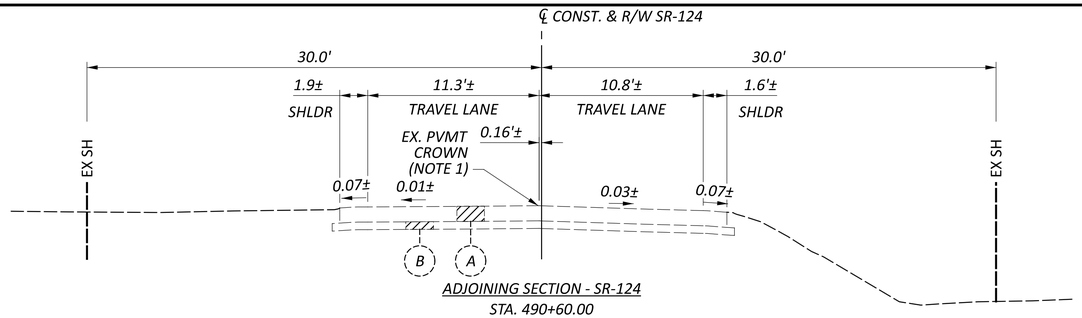
DESIGNER
JAL

REVIEWER
JAH 07/15/25

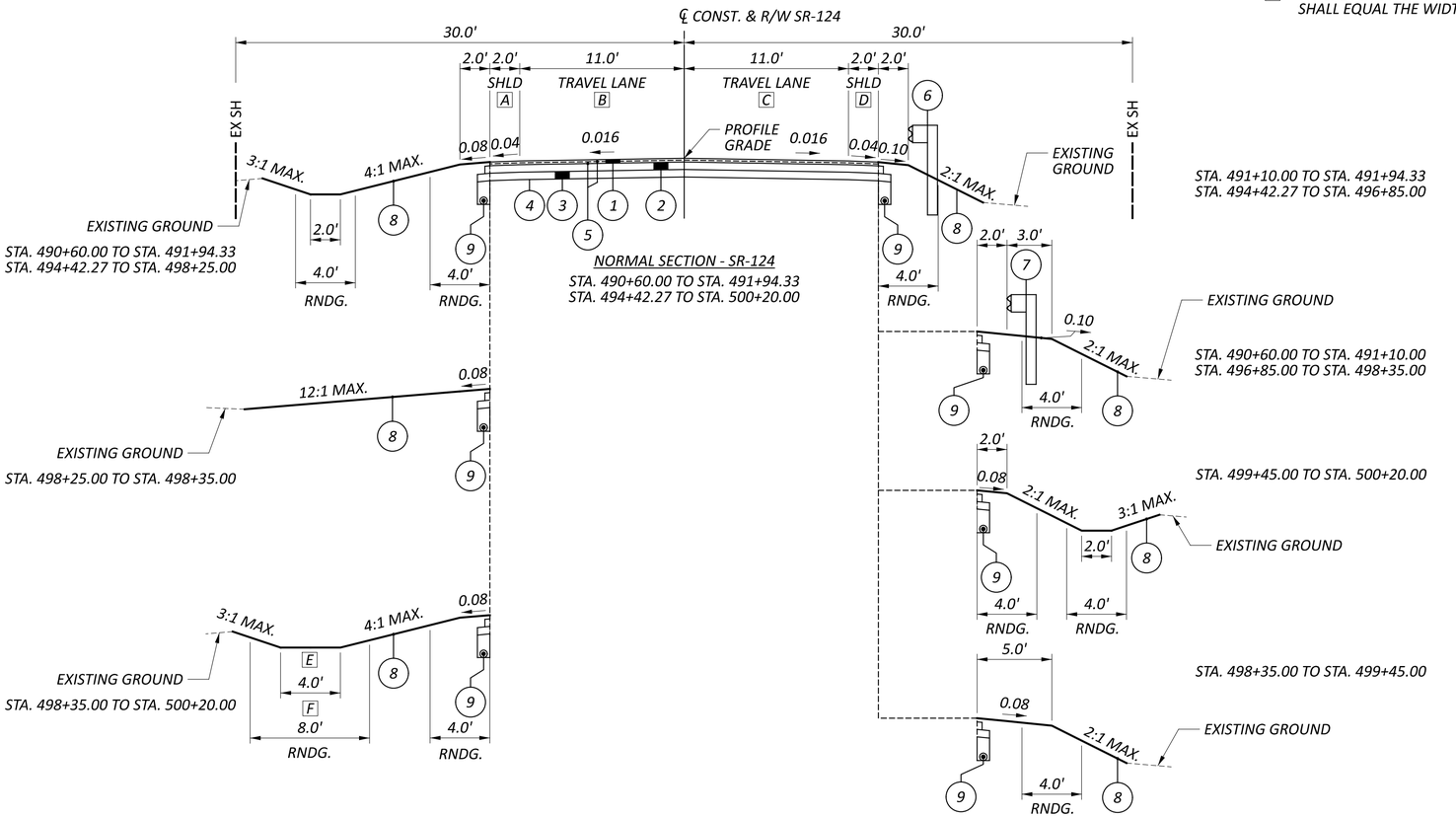
PROJECT ID
119906

SHEET P.02 TOTAL 31

MEG-124-9.20



ADJOINING SECTION - SR-124
STA. 490+60.00



A VARIES FROM 1.9' AT STA. 490+60.00 TO 2.0' AT STA. 490+71.11

B VARIES FROM 11.4' AT STA. 490+60.00 TO 11.0' AT STA. 490+77.81

C VARIES FROM 10.7' AT STA. 490+60.00 TO 11.0' AT STA. 490+71.47

D VARIES FROM 1.6' AT STA. 490+60.00 TO 2.0' AT STA. 490+91.33

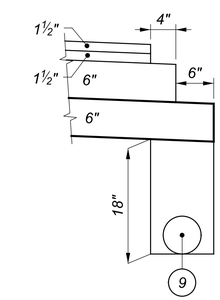
E VARIES FROM 2.0' AT STA. 498+35.00 TO 4.0' AT STA. 498+50.00
VARIES FROM 4.0' AT STA. 498+50.00 TO 6.0' AT STA. 499+00.00
VARIES FROM 6.0' AT STA. 499+00.00 TO 4.0' AT STA. 499+50.00

F WHEREVER DITCH WIDTH IS WIDER THAN 2.0', RNDG. WIDTH SHALL EQUAL THE WIDTH OF THE DITCH PLUS 4.0'

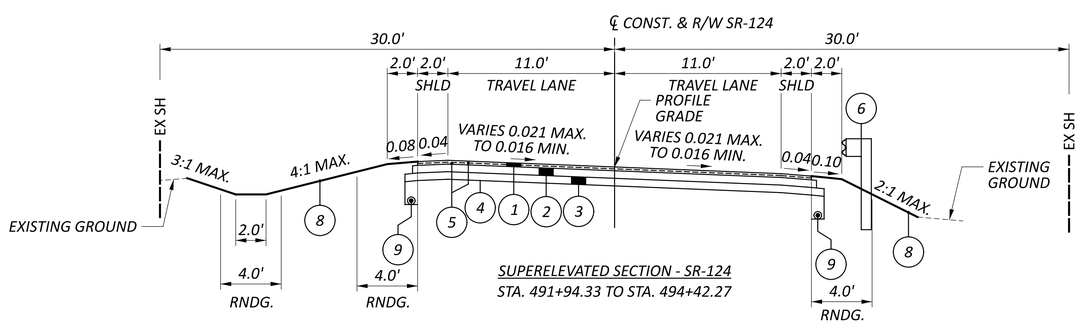
LEGEND

- (A) EXISTING 12"± ASPHALT PAVEMENT
- (B) EXISTING 6"± AGGREGATE BASE
- (1) ITEM 441 - 3" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (2 LIFTS OF 1½")
- (2) ITEM 301 - 6" ASPHALT CONCRETE BASE, (449), PG64-22
- (3) ITEM 304 - 6" AGGREGATE BASE
- (4) ITEM 204 - SUBGRADE COMPACTION
- (5) ITEM 407 - TACK COAT (APPLIED AT 0.055 GAL/SY)
- (6) ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS
- (7) ITEM 606 - GUARDRAIL, TYPE MGS
- (8) ITEM 659 - SEEDING AND MULCHING
- (9) ITEM 605 - 6" BASE PIPE UNDERDRAIN
- (10) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1½")
- (11) ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
- (12) ITEM 407 - TACK COAT (APPLIED AT 0.085 GAL/SY)

** - MATCH EXISTING CROSS SLOPE



PAVEMENT STEP DETAIL - SHOULDER
NOT TO SCALE



SUPERELEVATED SECTION - SR-124
STA. 491+94.33 TO STA. 494+42.27

NOTES

1. TRANSITION PROP. CROWN OF PVMT TO MATCH ℄ CONST. & R/W SR-124 WITHIN 10' OF PROJECT LIMITS.
2. TRANSITION PVMT CROSS SLOPE FROM PROP. TO MATCH EXISTING WITHIN 50' OF WORK LIMITS.
3. FOR SUPERELEVATED SECTION CROSS SLOPES, SEE SUPERELEVATION TABLE, SHEET P.28.
4. FOR SPECIFIC FORESLOPES AND BACKSLOPES, SEE CROSS SECTIONS, SHEETS P.19 - P.27.

TYPICAL SECTIONS

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.03 TOTAL 31

MEG-124-9.20

MODEL: SHEET GY001 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:50:46 PM USER: hdanford
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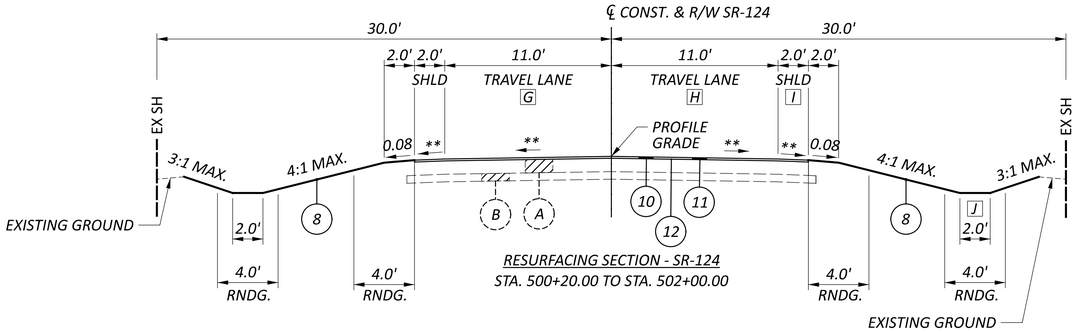
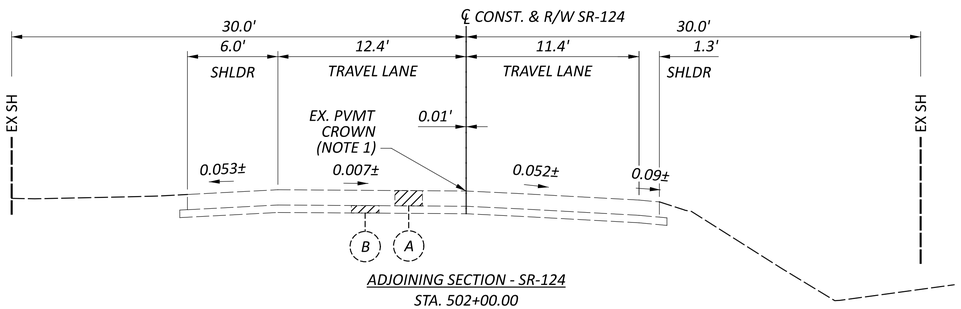


RESURFACING SECTION - SR-124
STA. 500+20.00 TO STA. 502+00.00



ADJOINING SECTION - SR-124
STA. 502+00.00

G VARIES FROM 11.0' AT STA. 501+35.65 TO 12.4' AT STA. 502+00.00

H VARIES FROM 11.0' AT STA. 501+84.49 TO 11.4' AT STA. 502+00.00

I VARIES FROM 2.0' AT STA. 501+86.25 TO 1.3' AT STA. 502+00.00

J VARIES FROM 2.0' AT STA. 501+35.00 TO 1.7' AT STA. 501+40.00.
1.7' FROM STA. 501+40.00 TO STA. 501+60.00.
VARIES FROM 1.7' AT STA. 501+60.00 TO 2.0' AT STA. 501+65.00.

LEGEND

- (A) EXISTING 12"± ASPHALT PAVEMENT
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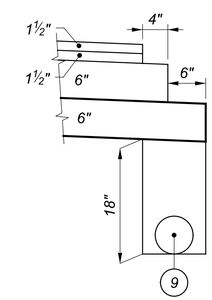

PAVEMENT STEP DETAIL - SHOULDER
NOT TO SCALE

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3. FOR SUPERELEVATED SECTION CROSS SLOPES, SEE SUPERELEVATION TABLE, SHEET P.28.
4. FOR SPECIFIC FORESLOPES AND BACKSLOPES, SEE CROSS SECTIONS, SHEETS P.19 - P.27.

TYPICAL SECTIONS

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.04 TOTAL 31

MEG-124-9.20

MODEL: SHEET GY002 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:50:47 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_GY001.dgn

UTILITIES
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. THERE ARE NO KNOWN UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS.

AEP OHIO	FRONTIER COMMUNICATIONS
ATTN: CLARKE SAUNDERS	ATTN: ROD LATHAM
38831 SR 7	241 SOUTH NELSON AVE
REEDSVILLE, OH 45769	WILMINGTON, OH 45177
614-312-5807	937-382-2222
cmsaunders@aep.com	robin.latham@ftr.com

SURVEYING PARAMETERS
PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.02 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

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

PROJECT CONTROL

POSITIONING METHOD:	ODOT REAL TIME NETWORK (2011)
MONUMENT TYPE:	B (3/4" x 30" REBAR WITH ODOT DISTRICT 10 CAP)

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM:	NAVD88
GEOID:	GEIOD 18

HORIZONTAL POSITIONING

REFERENCE FRAME:	NAD83(2011)
ELLIPSOID:	GRS80
MAP PROJECTION:	LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM:	MEIGS COUNTY
COMBINED SCALE FACTOR:	1.00000000 (GRID TO GROUND)
ORIGIN OF COORDINATE SYSTEM:	0, 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.

CLEARING AND GRUBBING
REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	1	1	2
30"	0	2	2
48"	1	1	2

ROUNDING
THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

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.

SEEDING AND MULCHING
FOR QUANTITIES PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS, SEE SHEET P.27.

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.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E
THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

BENCHING OF FOUNDATION SLOPES
ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

LEADING CREEK
LEADING CREEK FLOWS PARALLEL TO SR 124 ON THE SOUTH SIDE OF THE ROADWAY THE ENTIRE LENGTH OF THE PROJECT. NO CONSTRUCTION ACTIVITIES OR ANCILLARY CONSTRUCTION (STAGING AREAS, WASTE AREAS, AND/OR BORROW AREAS) OR FILL MATERIALS IS PERMITTED BELOW THE OHWM OF LEADING CREEK.

ITEM SPECIAL - MAILBOX SUPPORT
THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

REVIEW OF DRAINAGE FACILITIES
PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

POST CONSTRUCTION STORM WATER TREATMENT
THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

VEGETATED BIOFILTER
THIS PLAN UTILIZES VEGETATED BIOFILTER(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF ITEM 659 TOPSOIL AND ITEM 670 DITCH EROSION PROTECTION AS SHOWN IN THE PLANS TO ANY DISTURBED AREA ON THE SHOULDER AND FORESLOPE DRAINING TO A VEGETATED BIOFILTER. THE DITCH FOR EACH VEGETATED BIOFILTER SHALL BE TRAPEZOIDAL, AS SHOWN IN THE PLAN CROSS SECTIONS. PROVIDE ITEM 670 AS SPECIFIED IN THE PLANS.

VEGETATED FILTER STRIP
THIS PLAN UTILIZES VEGETATED FILTER STRIP(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AND ITEM 670, SLOPE EROSION PROTECTION TO ALL DISTURBED AREAS DESIGNATED AS VEGETATED FILTER STRIPS, THE EDGE OF SHOULDER, AND THE FORESLOPE AS SPECIFIED IN THE PLANS.

FARM DRAINS
PROVIDE UNOBSTRUCTED OUTLETS TO ALL FARM DRAINS ENCOUNTERED DURING CONSTRUCTION. REPLACE EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY WITHIN THE CONSTRUCTION LIMITS WITH ITEM 611, CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

OUTLET EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES INTO THE ROADWAY DITCH USING ITEM 611, TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION IS ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. INTERCEPT LATERAL FIELD TILES WHICH CROSS THE ROADWAY WITH ITEM 611, TYPE E CONDUIT, AND CARRY IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS IS DETERMINED BY THE ENGINEER AND PAYMENT MADE ON FINAL MEASUREMENTS.

PROVIDE EROSION CONTROL PADS AT THE OUTLET END OF ALL FARM DRAINS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE.

PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES IS INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611 6" CONDUIT, TYPE B ---------- 50 FT.
611 6" CONDUIT, TYPE E ---------- 50 FT.
611 6" CONDUIT, TYPE F ---------- 50 FT.
601 ROCK CHANNEL PROTECTION TYPE C WITH FILTER -------- 5 CU. YD.

GENERAL NOTES

DESIGN AGENCY
AMT

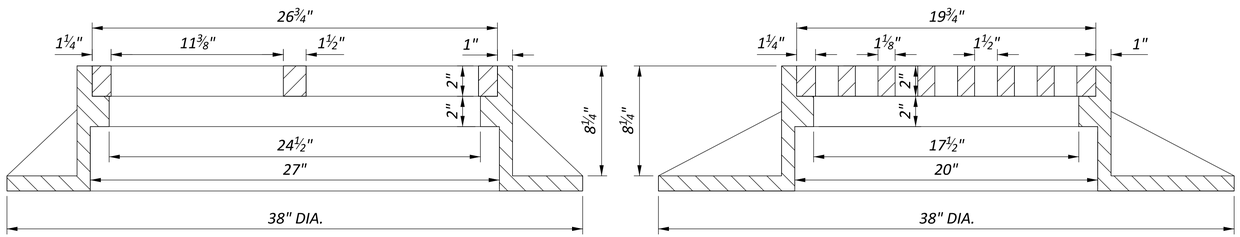
DESIGNER
JAL
REVIEWER
JAH 07/15/25
PROJECT ID
119906
SHEET P.05 TOTAL 31

MANHOLE, NO. 1, AS PER PLAN

THIS ITEM SHALL CONSIST OF INSTALLING A MANHOLE, NO. 1, AS PER PLAN AT THE LOCATION SHOWN IN THE PLANS. ALL REQUIREMENTS FOR ITEM 611 SHALL APPLY IN ADDITION TO THE FOLLOWING:

FRAME AND GRATE SHALL MATCH THE SPECIFICATIONS OF A NEENAH R-3339 (OR APPROVED EQUAL). DIMENSIONS SHALL MATCH THE DETAIL BELOW.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 611, MANHOLE, NO. 1, AS PER PLAN, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE ABOVE WORK.



MANHOLE, NO. 1, AS PER PLAN - FRAME AND GRATE DETAIL

ITEM 202 - REMOVAL MISC.: CONCRETE BLOCK WALL (FOR STORAGE)

CONTRACTOR SHALL REMOVE AND STORE THE CONCRETE BLOCK WALL AS INDICATED WITHIN THE PLANS. THIS ITEM SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED TO REMOVE AND PROPERLY STORE THE CONCRETE BLOCK WALL.

LIST OF STANDARD ABREVIATIONS TO BE USED THROUGHOUT PLANS

AA	ANCHOR ASSEMBLY
AC	ABUTMENT CONNECTION
AGG.	AGGREGATE
ATG	ADJUST TO GRADE
BTA	BRIDGE TERMINAL ASSEMBLY
CI	CURB INLET
CMS	CONSTRUCTION AND MATERIALS SPECIFICATION (CURRENT EDITION)
CPA	CORNER POST ASSEMBLY
CS	CURVE TO SPIRAL
DND	DO NOT DISTURB
ELEC.	ELECTRIC
EOP	EDGE OF PAVEMENT
EX.	EXISTING
FH	FIRE HYDRANT
FO	FIBER OPTIC
GDM	GEOTECHNICAL DESIGN MANUAL (CURRENT EDITION)
GSH	GRADED SHOULDER
GR	GUARDRAIL
GV	GAS VALVE
HW	HEADWALL
INF	INFINITE
INV.	INVERT
LD1/LD2/LD3	LOCATION AND DESIGN MANUAL, VOLUME 1/2/3 (CURRENT EDITION)
LEO	LAW ENFORCEMENT OFFICER
LON	LENGTH OF NEED
MB	MAILBOX
MC	MASONRY COLLAR
MGS	MIDWEST GUARDRAIL SYSTEM
MH	MANHOLE
MOT	MAINTENANCE OF TRAFFIC
OMUTCD	OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION)
PB	PORTABLE BARRIER
PCC	POINT OF COMPOUND CURVATURE
PC	POINT OF CURVATURE
PDM	PAVEMENT DESIGN MANUAL
PGL	PROPOSED GROUND/GRADE LINE
P.I.	POINT OF INTERSECTION
PM	POLE-MOUNTED
PRCO	PRECAST REINFORCED CONCRETE OUTLET
PROP.	PROPOSED
PT	POINT OF TANGENCY
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
RES.	RESIDENCE
RNDG.	ROUNDING
SC	SPIRAL TO CURVE
SCD	STANDARD CONSTRUCTION DRAWING (CURRENT EDITION)
SHLD.	SHOULDER
SLM	STRAIGHT LINE MILEAGE
ST	SPIRAL TO TANGENT
STA.	STATION
STM.	STORM
TEM	TRAFFIC ENGINEERING MANUAL (CURRENT EDITION)
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TBRO	TO BE REMOVED BY OTHERS
TS	TANGENT TO SPIRAL
TTC	TEMPORARY TRAFFIC CONTROL
UD	UNDERDRAIN
U/G	UNDERGROUND
VPF	VANDAL PROTECTION FENCE
WV	WATER VALVE
WZIA	WORK ZONE IMPACT ATTENUATOR
XGL	EXISTING GROUND/GRADE LINE

GENERAL NOTES

DESIGN AGENCY

AMT

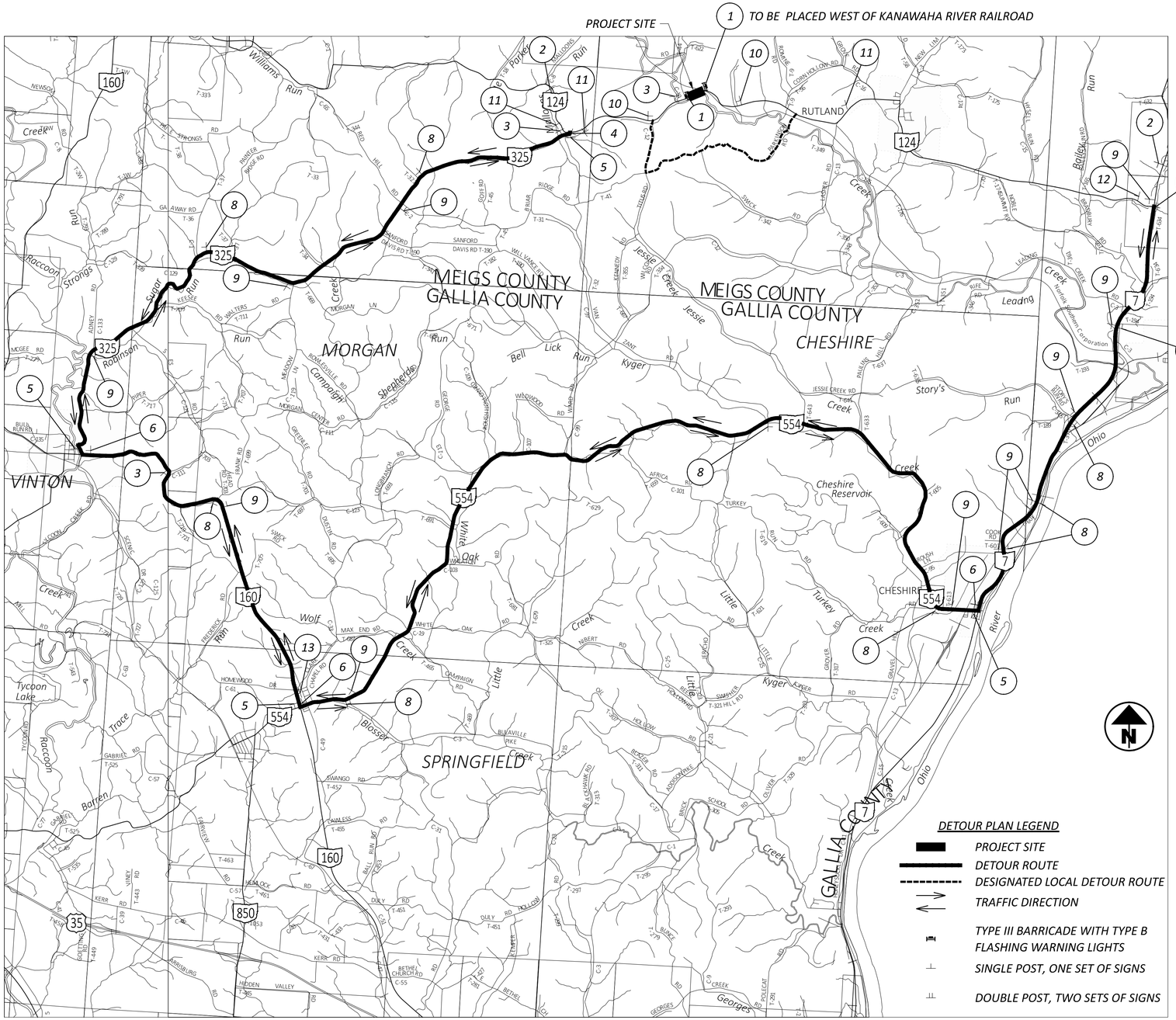
DESIGNER JAL

REVIEWER JAH 07/15/25

PROJECT ID 119906

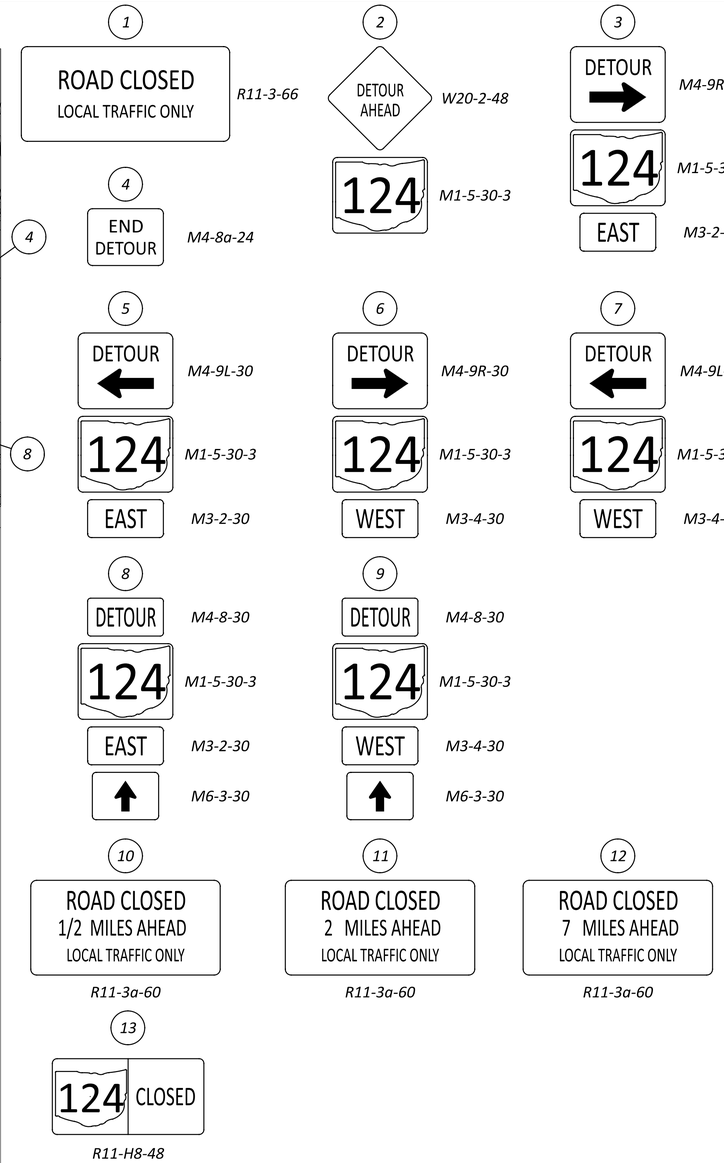
SHEET P.06 TOTAL 31

MEG-124-9.20



DETOUR PLAN LEGEND

- PROJECT SITE
- DETOUR ROUTE
- DESIGNATED LOCAL DETOUR ROUTE
- TRAFFIC DIRECTION
- TYPE III BARRICADE WITH TYPE B FLASHING WARNING LIGHTS
- SINGLE POST, ONE SET OF SIGNS
- DOUBLE POST, TWO SETS OF SIGNS



PROPOSED DETOUR PLAN

NOTES

1. SIGNS 1, 10, 11, AND 12 SHALL BE MOUNTED ON TYPE III BARRICADES WITH TYPE B FLASHING (AMBER) WARNING LIGHT(S) AS PER SCD MT-101.60.
2. SIGN 2 SHALL BE MOUNTED ON SIGN POST WITH TYPE B FLASHING (AMBER) WARNING LIGHTS.
3. THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND REMOVE THE ABOVE DETOUR SIGNING. PAYMENT FOR ALL SIGNS AND BARRICADES ARE TO BE INCLUDED IN ITEM 614 - DETOUR SIGNING.
4. THE DURATION OF CLOSURE FOR SR 124 SHALL BE 90 DAYS.

DETOUR PLAN

DESIGN AGENCY
AMT

DESIGNER JAL
REVIEWER JAH 07/15/25
PROJECT ID 119906
SHEET P.07 TOTAL 31

MEG-124-9.20

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:03 PM USER: hdanford
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ITEM 614, MAINTAINING TRAFFIC

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS SHOWN IN THE PLANS AND AS IN SCD MT-101.60.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. SR 124 SHALL BE CLOSED FOR 90 DAYS. NO LANE CLOSURES PRIOT TO THE 90 DAY CLOSURE PERIOD WILL BE PERMITTED TO PERFORM WORK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES.

NOTIFICATION OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	SIGN DISPLACED TO PUBLIC
	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
ROAD CLOSURES	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE CONTRACTOR SHALL MAINTAIN SAFE AND ADEQUATE DRIVEWAYS IN ORDER TO PROVIDE CONTINUOUS ACCESS FOR PASSENGER VEHICLES, TRUCKS, AND SAFETY EQUIPMENT TO ALL ADJOINING PROPERTIES.

THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE STRUCTURES WITHIN THE WORK AREA, AS DETERMINED BY THE ENGINEER, TO PROMOTE POSITIVE FLOW THROUGHOUT THE CONSTRUCTION PROJECT. PROPOSED DRAINAGE STRUCTURES, IF PARTIALLY INSTALLED, SHALL BE PROTECTED. ONCE COMPLETED, THE CONTRACTOR SHALL MAINTAIN THE STRUCTURE TO PROMOTE POSITIVE FLOW.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410, TRAFFIC COMPACTED SURFACE,
TYPE A OR B ---------- 20 CU. YD.
ITEM 410, TRAFFIC COMPACTED SURFACE,
TYPE C ---------- 20 CU. YD.
ITEM 614, ASPHALT CONCRETE FOR
MAINTAINING TRAFFIC ---------- 20 CU. YD.
ITEM 616, WATER ---------- 10 M. GAL.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
ROAD CLOSURES	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

DESIGNATED LOCAL DETOUR ROUTE

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE." THIS ROUTE IS SHOWN ON SHEET P.07.

DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.

ITEM 301, ASPHALT CONCRETE BASE, PG 64-22 (449) -- 10 CU. YD.
ITEM 304, AGGREGATE BASE ---------- 20 CU. YD.
ITEM 441, ASPHALT CONCRETE SURFACE COURSE,
TYPE 1, (449), PG 64-22 ---------- 5 CU. YD.
ITEM 407, TACK COAT ---------- 20 GAL.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER ---------- 10 M. GAL.

SEQUENCE OF CONSTRUCTION

ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. IF A PROPERTY HAS MORE THAN ONE ENTRANCE DRIVE, ONE DRIVE MAY BE CLOSED DURING CONSTRUCTION. WHEN THE CONTRACTOR DEEMS THAT THE CLOSURE OF SR 124 IS NEEDED TO START THE PROPOSED ROADWAY WORK, A DETOUR HAS BEEN PROVIDED ON SHEET P.07.

ALL EXISTING DRAINAGE FLOWS SHALL BE MAINTAINED AT ALL TIMES.

PHASE 1:

1. PERFORM CLEARING AND GRUBBING WITHIN THE EXISTING RIGHT OF WAY LIMITS AND REMOVE EXISTING PAVEMENT AND GUARDRAIL.

PHASE 2:

1. PLACE ALL PROPOSED DRAINAGE STRUCTURES. PERFORM EARTHWORK. ALL ROOF DRAINS AND FOUNDATION DRAINS SHALL BE CONNECTED TO DITCH IF DISTURBED BY CONSTRUCTION ACTIVITIES.

2. PLACE FULL DEPTH PAVEMENT REPLACEMENT EXCEPT THE TOP 1½" ASHPALT CONCRETE SURFACE COURSE WITHIN THE FULL DEPTH SECTION LIMITS.

PHASE 3:

1. PERFORM SURFACE MILLING WITHIN THE RESURFACING SECTION LIMITS.

2. PLACE THE TOP 1½" ASPHALT CONCRETE SURFACE COURSE THROUGHOUT THE PROJECT LIMITS.

3. COMPLETE ALL REMAINING INCIDENTAL PLAN ITEMS AT THIS TIME.

ONCE ALL OF THE ABOVE WORK HAS BEEN COMPLETED AND APPROVED BY THE ENGINEER, THE DETOUR FOR SR 124 SHALL BE REMOVED. SR 124 SHALL THEN BE OPEN TO THRU TRAFFIC.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS ARE TO BE AS DIRECTED BY THE ENGINEER. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN,
AS PER PLAN ---------- 8 SIGN MONTH
ASSUMING 2 PCMS SIGNS FOR 4 MONTHS

MAINTENANCE OF TRAFFIC GENERAL NOTES

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.08 TOTAL 31

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.05	P.11	P.12	P.13	P.14	P.27								01/STR/06						
																		ROADWAY	
LS													LS	201	11000	LS		CLEARING AND GRUBBING	
	2,804												2,804	202	23000	2,804	SY	PAVEMENT REMOVED	
	800												800	202	38000	800	FT	GUARDRAIL REMOVED	
	7												7	202	53100	7	EACH	MAILBOX REMOVED	
	130												130	202	98200	130	FT	REMOVAL MISC.: CONCRETE BLOCK WALL	P.17 - P.18
					697								697	203	10000	697	CY	EXCAVATION	
					849								849	203	20000	849	CY	EMBANKMENT	
	1												1	203	98600	1	EACH	ROADWAY, MISC.: REMOVE AND RESET NEWSPAPER BOX	P.18
		3,129											3,129	204	10000	3,129	SY	SUBGRADE COMPACTION	
	237.5												237.5	606	15050	237.5	FT	GUARDRAIL, TYPE MGS	
	575												575	606	15100	575	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
	1												1	606	25550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE A	
	1												1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350/MASH 2016)	
	7												7	SPECIAL	69050000	7	EACH	MAILBOX SUPPORT	P.16 - P.18
																		EROSION CONTROL	
			57										57	659	00300	57	CY	TOPSOIL	
					2,699								2,699	659	10000	2,699	SY	SEEDING AND MULCHING	
					135								135	659	14000	135	SY	REPAIR SEEDING AND MULCHING	
					135								135	659	15000	135	SY	INTER-SEEDING	
					0.37								0.37	659	20000	0.37	TON	COMMERCIAL FERTILIZER	
					0.56								0.56	659	31000	0.56	ACRE	LIME	
					15								15	659	35000	15	MGAL	WATER	
			247										247	670	00500	247	SY	SLOPE EROSION PROTECTION	
			258										258	670	00700	258	SY	DITCH EROSION PROTECTION	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
													17,736	832	30000	17,736	EACH	EROSION CONTROL	
																		DRAINAGE	
			91										91	202	35100	91	FT	PIPE REMOVED, 24" AND UNDER	
			16										16	202	35200	16	FT	PIPE REMOVED, OVER 24"	
5													5	601	32200	5	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
			0.92										0.92	602	20000	0.92	CY	CONCRETE MASONRY	
			1,920										1,920	605	14000	1,920	FT	6" BASE PIPE UNDERDRAINS	
			70										70	611	00510	70	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
50													50	611	00900	50	FT	6" CONDUIT, TYPE B	
50													50	611	01400	50	FT	6" CONDUIT, TYPE E	
50													50	611	01500	50	FT	6" CONDUIT, TYPE F	
			10										10	611	04600	10	FT	12" CONDUIT, TYPE C	
			84										84	611	04900	84	FT	12" CONDUIT, TYPE D	
			93										93	611	10400	93	FT	24" CONDUIT, TYPE B	
			12										12	611	13400	12	FT	30" CONDUIT, TYPE B	
			2										2	611	98510	2	EACH	CATCH BASIN, NO. 2-3	
			1										1	611	99551	1	EACH	MANHOLE, NO. 1, AS PER PLAN	P.06
			1										1	611	99710	1	EACH	PRECAST REINFORCED CONCRETE OUTLET	
																		PAVEMENT	
		520											520	254	01000	520	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2")	
		475											475	301	56000	475	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
		521											521	304	20000	521	CY	AGGREGATE BASE	
		350											350	407	10000	350	GAL	TACK COAT	
		253											253	441	70000	253	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
		48											48	452	10010	48	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
				15									15	621	00100	15	EACH	**TRAFFIC CONTROL** RPM	
				15									15	621	54000	15	EACH	RAISED PAVEMENT MARKER REMOVED	
				96									96	630	03100	96	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	

GENERAL SUMMARY

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.09 TOTAL 31

MEG-124-9.20

SHEET NUM. P.08	P.14												PART. 01/STR/06	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
																		TRAFFIC CONTROL, CONTINUED	
	2												2	630	08600	2	EACH	SIGN POST REFLECTOR	
	64.4												64.4	630	80100	64.4	SF	SIGN, FLAT SHEET	
	10												10	630	84900	10	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
	8												8	630	86002	8	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
	0.44												0.44	644	00104	0.44	MILE	EDGE LINE, 6"	
	0.23												0.23	644	00300	0.23	MILE	CENTER LINE	
	1												1	644	01000	1	EACH	RAILROAD SYMBOL MARKING	
																		MAINTENANCE OF TRAFFIC	
10													10	301	56000	10	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
20													20	304	20000	20	CY	AGGREGATE BASE	
20													20	407	10000	20	GAL	TACK COAT	
20													20	410	12000	20	CY	TRAFFIC COMPACTED SURFACE, TYPE A OR B	
20													20	410	13000	20	CY	TRAFFIC COMPACTED SURFACE, TYPE C	
5													5	441	70000	5	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
													LS	614	12420	LS		DETOUR SIGNING	
20													20	614	13000	20	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
8													8	614	18601	8	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	
20													20	616	10000	20	MGAL	WATER	
																		INCIDENTALS	
LS													LS	614	11000	LS		MAINTAINING TRAFFIC	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.10 TOTAL 31

MEG-124-9.20

MODEL: Sheet GG002 - General Summary 2 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:22 PM USER: hdanford
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REF NO.	SHEET NO.	STATION TO STATION					202 PAVEMENT REMOVED	202 GUARDRAIL REMOVED	202 MAILBOX REMOVED	202 REMOVAL MISC.:CONCRETE BLOCK WALL	203 ROADWAY, MISC.: REMOVE AND RESET NEWSPAPER BOX	606 GUARDRAIL, TYPE MGS	606 GUARDRAIL, TYPE MGS WITH LONG POSTS	606 ANCHOR ASSEMBLY, MGS TYPE A	606 ANCHOR ASSEMBLY, MGS TYPE E	SPECIAL MAILBOX SUPPORT
							SY	FT	EACH	FT	EACH	FT	FT	EACH	EACH	EACH
GR-1	16	489+43.40	RT	TO	491+10.00	RT						137.5		1		
R-1	16	489+43.40	RT	TO	497+39.00	RT		800								
		490+60.00	LT/RT	TO	500+20.00	LT/RT	2773									
GR-2	16	491+10.00	RT	TO	496+85.00	RT							575			
MB-1	16	492+07.00	LT													1
R-2	16	492+40.00	LT						1							
MB-2	17	493+75.00	LT													1
R-3	17	493+80.10	LT	TO	494+22.30	LT	31									
R-4	17	494+17.00	LT						1							
R-5	17	495+10.33	LT	TO	495+40.24	LT				47						
MB-3	17	495+32.00	LT	TO	495+35.00	LT										2
R-6	17	495+60.75	LT	TO	495+66.95	LT				42						
R-7	17	495+84.00	LT	TO	495+87.00	LT			2							
GR-3	17	496+85.00	RT	TO	497+85.00	RT						100				
R-9	18	497+86.33	LT	TO	498+30.12	LT				41						1
MB-4	18	498+37.00	LT						1							
GR-4	18	498+39.00	RT												1	
R-11	18	500+17.00	LT	TO	500+20.00	LT			2							
R-12	18	500+17.00	LT								1					
MB-5	18	500+44.00	LT	TO	500+47.00	LT										2
TOTALS CARRIED TO GENERAL SUMMARY							2804	800	7	130	1	237.5	575	1	1	7

ROADWAY SUBSUMMARY

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.11 TOTAL 31

MEG-124-9.20

MODEL: Sheet GS001 - Roadway Subsum PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:23 PM USER: hdanford
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STATION RANGE			SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	204 SUBGRADE COMPACTION	254 PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2")	301 ASPHALT CONCRETE BASE, PG64-22, (449)	304 AGGREGATE BASE	407 TACK COAT	441 ASPHALT CONCRETE SURFACE COURSE, TPYE 1, (449), PG64-22	452 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1
				FT	FT	SY	SY	SY	SY	CY	CY	GAL	CY	SY
490+60.00	TO	491+94.33	LT/RT	134.33	26.00	388.06						42.69	32.34	
490+60.00	TO	491+94.33	LT/RT	134.33	26.67	398.01				66.34				
490+60.00	TO	491+94.33	LT/RT	134.33	27.67	412.94		412.94			68.82			
491+94.33	TO	494+42.27	LT/RT	247.94	26.00	716.27						78.79	59.69	
491+94.33	TO	494+42.27	LT/RT	247.94	26.67	734.64				122.44				
491+94.33	TO	494+42.27	LT/RT	247.94	27.67	762.18		762.18			127.03			
491+78.00	TO	492+42.50	LT	64.50			31.50	31.50			7.00			
493+48.60	TO	494+27.30	LT	42.20			47.82	47.82						47.82
494+42.27	TO	500+20.00	LT/RT	577.73	26.00	1669.00						183.59	139.08	
494+42.27	TO	500+20.00	LT/RT	577.73	26.67	1711.79				285.30				
494+42.27	TO	500+20.00	LT/RT	577.73	27.67	1775.98		1775.98			296.00			
495+00.00	TO	495+81.80	LT	81.80			64.95	64.95			14.43			
500+12.00	TO	500+92.60	LT	80.60			32.97	32.97			7.33			
500+20.00	TO	502+00.00	LT/RT	180.00	26.00	520.00			520.00			44.20	21.67	
						SUBTOTALS		3128.34	520.00	474.07	520.61	349.27	252.78	47.82
						TOTALS CARRIED TO GENERAL SUMMARY		3129	520	475	521	350	253	48

PAVEMENT SUBSUMMARY

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.12 TOTAL 31

MEG-124-9.20

REF NO.	SHEET NO.	STATION TO STATION	202 PIPE REMOVED, 24" AND UNDER	202 PIPE REMOVED, OVER 24"	602 CONCRETE MASONRY	605 6" BASE PIPE UNDERDRAINS	611 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	611 12" CONDUIT, TYPE C	611 12" CONDUIT, TYPE D	611 24" CONDUIT, TYPE B	611 30" CONDUIT, TYPE B	611 CATCH BASIN, NO. 2-3	611 MANHOLE, NO. 1, AS PER PLAN	611 PRECAST REINFORCED CONCRETE OUTLET	659 TOPSOIL	670 SLOPE EROSION PROTECTION	670 DITCH EROSION PROTECTION			BENDS AND BRANCHES FOR INFORMATION ONLY			
																				END CAP	6"X90° BEND	6"X6" TEE	6"X6" CROSS
			FT	FT	CY	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	CY	SY	SY			EACH	EACH	EACH	EACH
UD-1	16	490+60.00 RT TO 500+20.00 RT				960														2			
UD-2	16	490+60.00 LT TO 500+20.00 LT				960														2			
D-1	16	491+80.36 LT TO 491+84.96 RT	46		0.46					50		1											
D-2	17	493+65.38 LT TO 494+11.59 LT							47														
D-3	17	495+18.00 LT TO 495+55.20 LT		16					37		12		1										
VFS-1	17	497+25.00 RT TO 499+45.07 RT													27	247							
R-8	18	497+86.33 LT TO 497+89.40 LT	3																				
D-4	18	498+25.00 LT TO 498+35.00 LT						10															
VBF-1	18	498+35.00 LT TO 500+20.00 LT													29		258						
UD-3	18	499+09.50 LT TO 499+45.00 RT					70							1							1	1	1
R-10	18	499+24.44 LT TO 499+27.78 RT	42																				
D-5	18	499+50.00 LT TO 499+50.00 RT			0.46					43		1											
TOTALS CARRIED TO GENERAL SUMMARY			91	16	0.92	1920	70	10	84	93	12	2	1	1	57	247	258						

DRAINAGE SUBSUMMARY

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.13 TOTAL 31

MEG-124-9.20

MODEL: Sheet GS003 - Drainage Subsum PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:23 PM USER: hdanford
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SIGNING AND PAVEMENT MARKING SUBSUMMARY

REF NO.	SHEET NO.	STATION TO STATION					CODE	SIZE (INCHES)			621 RPM EACH	621 RAISED PAVEMENT MARKER REMOVED EACH	630 GROUND MOUNTED SUPPORT, NO. 3 POST FT	630 SIGN POST REFLECTOR EACH	630 SIGN, FLAT SHEET SF	630 REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL EACH	630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL EACH	644 EDGE LINE, 6" MILE	644 CENTER LINE MILE	644 RAILROAD SYMBOL MARKING EACH
LYL-1	30	490+60.00	LT/RT	TO	492+85.00	LT/RT					3	3							0.05	
WEL-1	30	490+60.00	LT		502+00.00	LT												0.22		
WEL-2	30	490+60.00	RT		502+00.00	RT												0.22		
SR-1	30	490+81.00	RT													2	1			
S-1	30	490+95.00	RT				M1-5-30-3	30	x	30			12		6.3					
							M3-2-30	30	x	15					3.1					
SR-2	30	492+82.00	RT													1	1			
S-2	30	492+85.00	RT				R2-1-30	30	x	36			12		7.5					
DYL-1	30	492+85.00	LT/RT		497+00.00	LT/RT					6	6							0.08	
S-3	31	494+25.00	LT				W2-2R-30	30	x	30			12		6.3					
SR-3	31	494+28.00	LT													1	1			
S-4	31	496+65.00	RT				W10-1-24	24	x	R			12	1	12.6					
WRR-1	31	496+67.00	RT																	1
SR-4	31	496+67.00	RT													1	1			
RYL-1	31	497+00.00	LT/RT		501+00.00	LT/RT					5	5							0.08	
SR-5	31	497+45.00	LT													2	1			
S-5	31	497+50.00	LT				W13-1P-24	24	x	24			12		4.0					
							W1-1R-36	36	x	36					9.0					
S-6	31	500+25.00	RT				R2-1-30	30	x	36			12		7.5					
							I-H25c-24	24	x	4					0.7					
SR-6	31	500+27.00	RT													2	2			
DYL-1	31	501+00.00	LT/RT		502+00.00	LT/RT					1	1							0.02	
S-7	31	501+00.00	RT				R2-1-30	30	x	36			24	1	7.5					
SR-7	31	501+01.01	RT													1	1			
TOTALS CARRIED TO GENERAL SUMMARY											15	15	96	2	64.4	10	8	0.44	0.23	1

MEG-124-9.20

MODEL: Sheet GS004 - TC Subsum PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:23 PM USER: hdanford
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DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.14 TOTAL 31

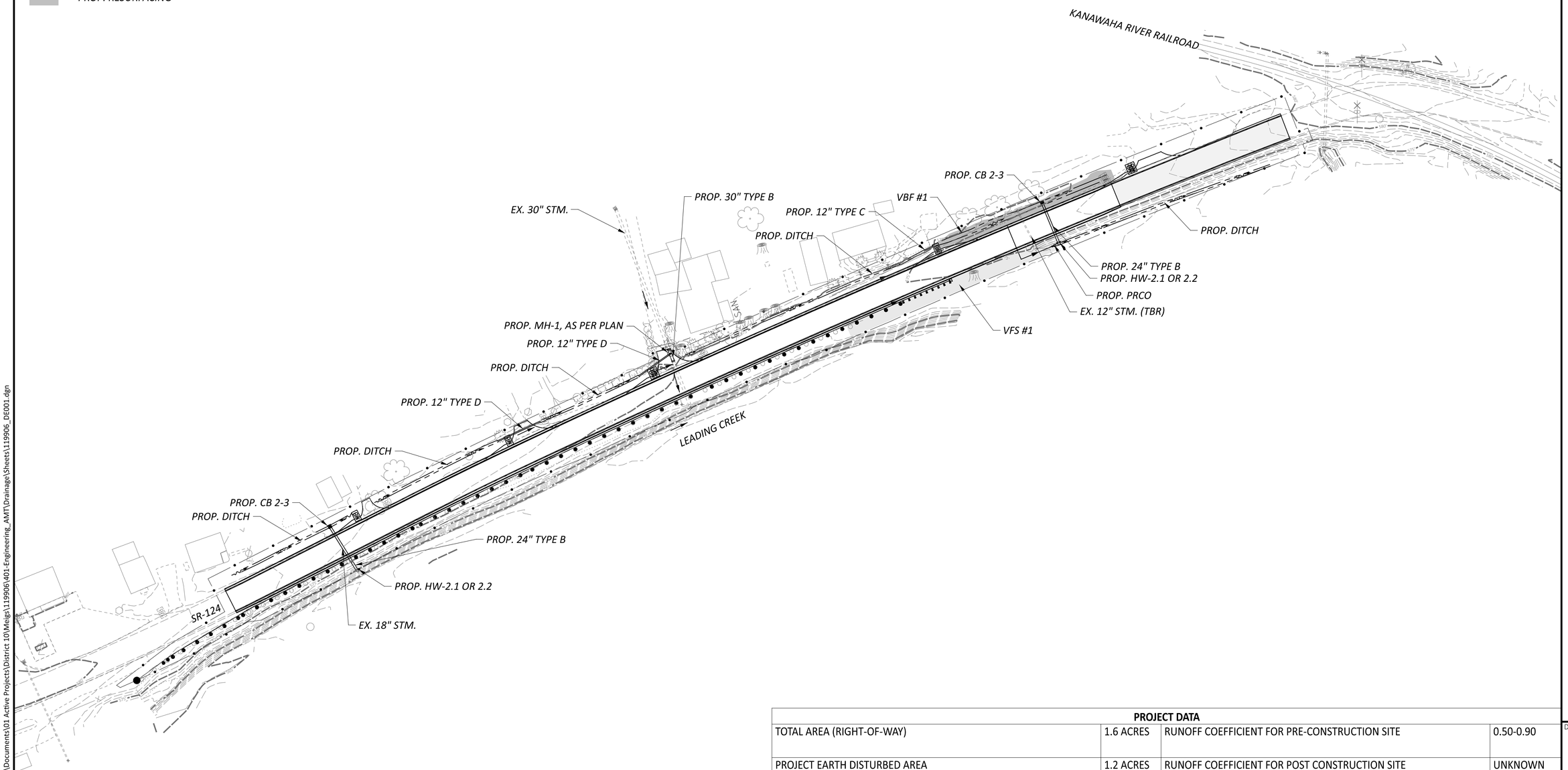
LEGEND

- CONST. LIMITS
- MH-1, AS PER PLAN
- CB-2-3
- VEGETATED FILTER STRIP
- VEGETATED BIOFILTER
- PROP. RESURFACING

PROJECT DESCRIPTION

PROJECT TO ADDRESS FLOODING LOCATION BY IMPROVING DRAINAGE AND RAISING VERTICAL ROADWAY PROFILE OF SR 124, INCLUDING NEW STORM SEWER, GUARDRAIL, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS.

HORIZONTAL SCALE IN FEET
0 25 50 100



USGS MAP: OH RUTLAND 20130927 TM GEO

LANGSVILLE, OHIO
LONGITUDE: 82°10'54"W
LATITUDE: 39°02'50"N

*LONGITUDE AND LATITUDE TO APPROX. CENTER OF PROJECT

BMP TYPE	LATITUDE/LONGITUDE BEGIN		LATITUDE/LONGITUDE END		BMP WIDTH (FT)	EDA TREATMENT (ACRES)
VFS #1	39.047017	-82.181560	39.047166	-82.181051	15.0	0.141
VBF #1	39.047172	-82.181566	39.047339	-82.180971	15.0	0.115
				TREATMENT PROVIDED		0.256
				TREATMENT REQUIRED		0.249

PROJECT DATA

TOTAL AREA (RIGHT-OF-WAY)	1.6 ACRES	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.50-0.90
PROJECT EARTH DISTURBED AREA	1.2 ACRES	RUNOFF COEFFICIENT FOR POST CONSTRUCTION SITE	UNKNOWN
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	0.6 ACRES	POST CONSTRUCTION BMP: VEGETATED FILTER SLOPES AND BIOFILTER WERE PROVIDED TO MEET NPDES POST-CONSTRUCTION REQUIREMENTS. SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.	
NOTICE OF INTENT EARTH DISTURBED AREA	1.8 ACRES		
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	0.7 ACRES	IMMEDIATE RECEIVING WATERS	LEADING CREEK
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE	0.7 ACRES	SUBSEQUENT RECEIVING WATERS	OHIO RIVER

PROJECT SITE PLAN

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

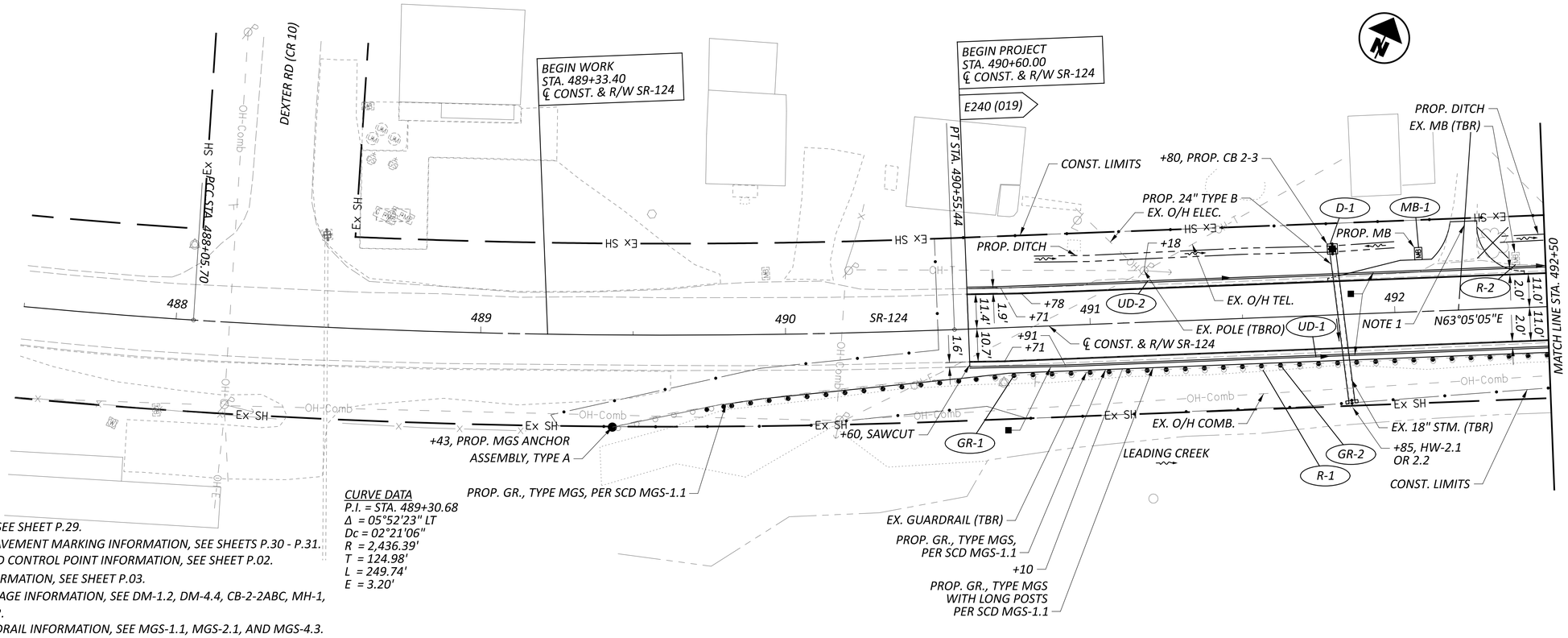
SHEET P.15 TOTAL 31

MEG-124-9.20

LEGEND

■ 6" BASE PIPE UNDERDRAIN

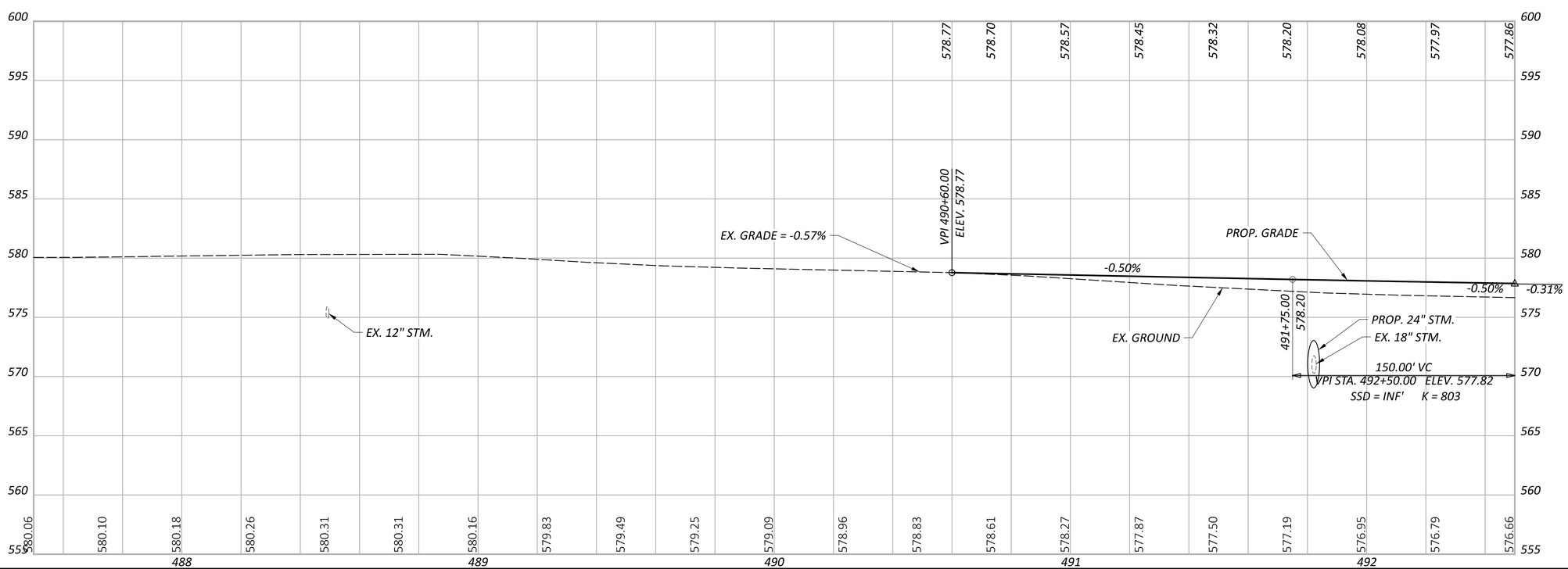
TREE (TBR)



CURVE DATA
P.I. = STA. 489+30.68
Δ = 05°52'23" LT
Dc = 02°21'06"
R = 2,436.39'
T = 124.98'
L = 249.74'
E = 3.20'

NOTES

1. FOR DRIVE DETAILS, SEE SHEET P.29.
2. FOR SIGNING AND PAVEMENT MARKING INFORMATION, SEE SHEETS P.30 - P.31.
3. FOR ROADWAY ℄ AND CONTROL POINT INFORMATION, SEE SHEET P.02.
4. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
5. FOR FURTHER DRAINAGE INFORMATION, SEE DM-1.2, DM-4.4, CB-2-2ABC, MH-1, HW-2.1, AND HW-2.2.
6. FOR FURTHER GUARDRAIL INFORMATION, SEE MGS-1.1, MGS-2.1, AND MGS-4.3.



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
BEGIN PROJECT TO STA. 492+50

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.16 TOTAL 31

MEG-124-9.20

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:40 PM USER: hdanford
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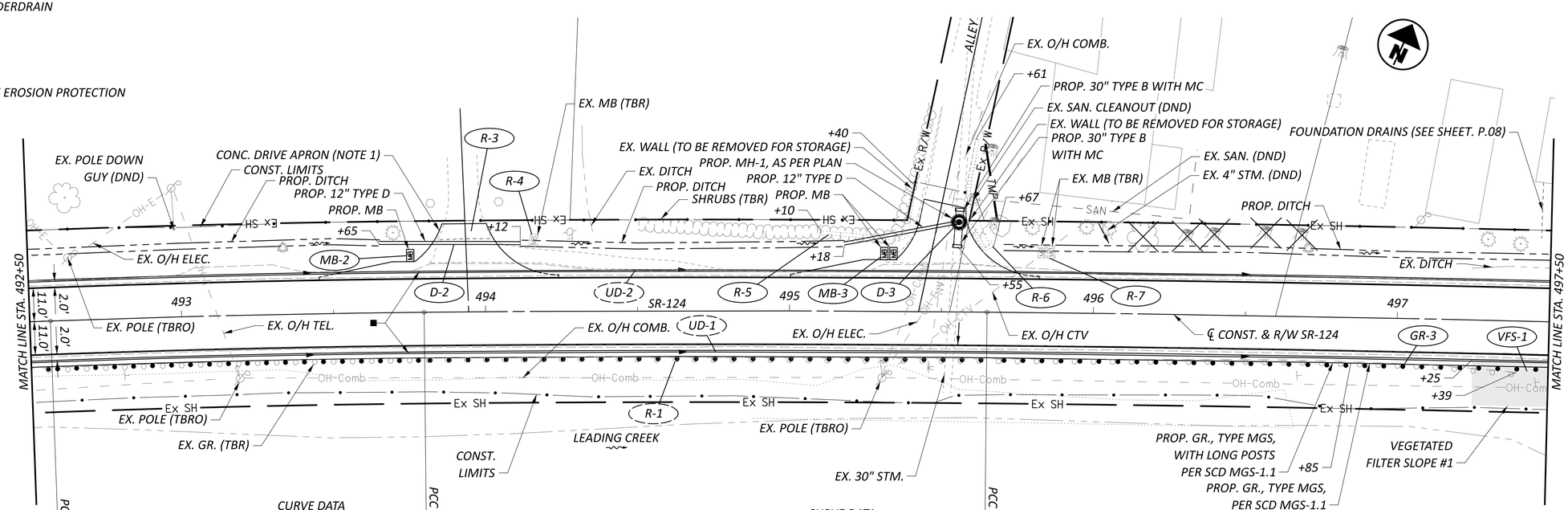
LEGEND

- 6" BASE PIPE UNDERDRAIN
- TREE (TBR)
- STUMP (TBR)
- ITEM 670 - SLOPE EROSION PROTECTION

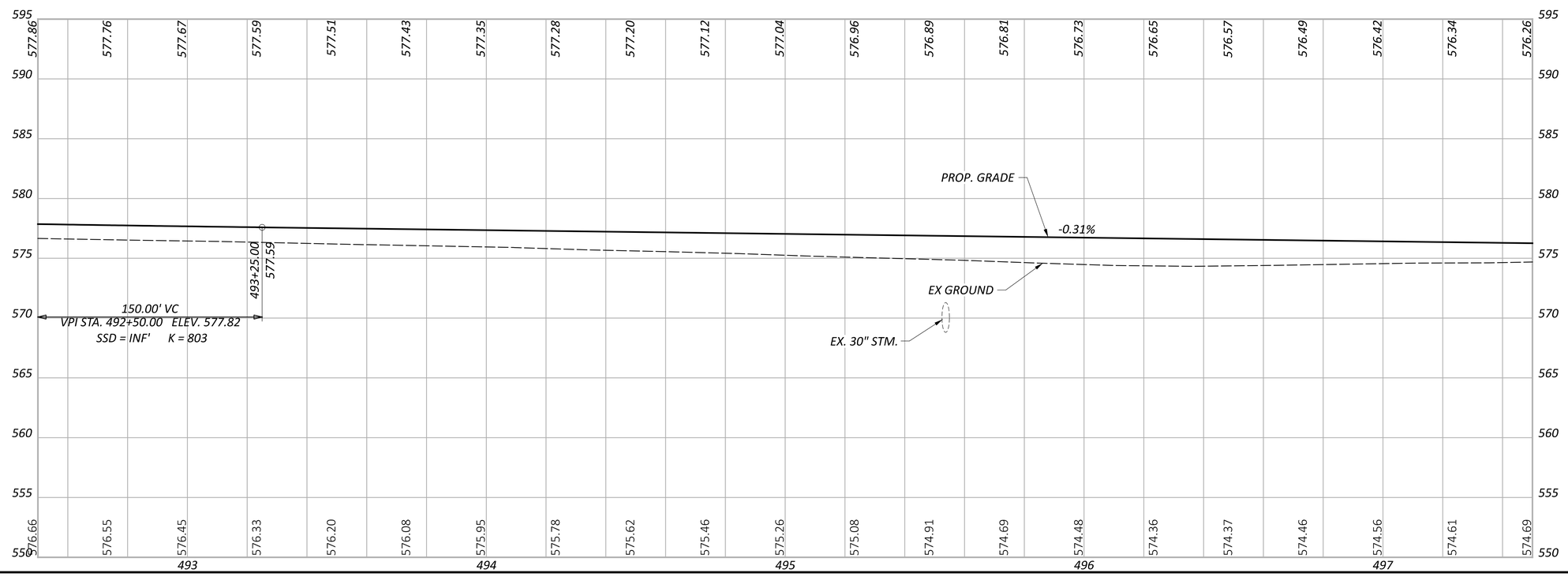


CURVE DATA
P.I. = STA. 493+18.30
Δ = 01°30'47" RT
Dc = 01°13'48"
R = 4,658.12'
T = 61.50'
L = 123.00'
E = 0.41'
e_{max} = 0.021

CURVE DATA
P.I. = STA. 494+72.40
Δ = 01°07'34" RT
Dc = 00°36'29"
R = 9,423.18'
T = 92.60'
L = 185.19'
E = 0.45'

NOTES

1. FOR DRIVE DETAILS, SEE SHEET P.29.
2. FOR SIGNING AND PAVEMENT MARKING INFORMATION, SEE SHEETS P.30 - P.31.
3. FOR ROADWAY ℄ AND CONTROL POINT INFORMATION, SEE SHEET P.02.
4. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
5. FOR FURTHER DRAINAGE INFORMATION, SEE DM-1.2, DM-4.4, CB-2-2ABC, MH-3, HW-2.1, AND HW-2.2.
6. FOR FURTHER GUARDRAIL INFORMATION, SEE MGS-1.1, MGS-2.1, AND MGS-4.3.



HORIZONTAL SCALE IN FEET
0 10 20 40

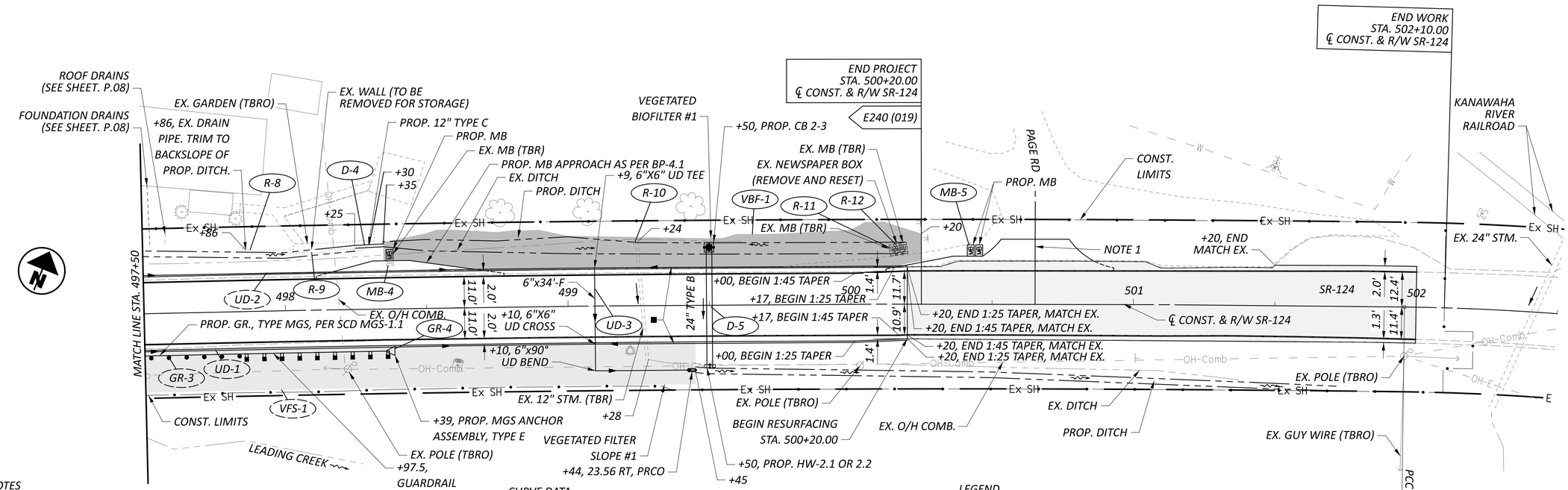
PLAN AND PROFILE
STA. 492+50 TO STA. 497+50

DESIGN AGENCY
AMT

DESIGNER JAL
REVIEWER JAH 07/15/25
PROJECT ID 119906
SHEET P.17 TOTAL 31

MEG-124-9.20

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 10/2/2025 TIME: 11:14:10 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: jhiller@amtengineering.com WORKSPACE: OHDOTCEv02 WORKSET: 119906 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_GP101.dgn



HORIZONTAL SCALE IN FEET
0 10 20 40

NOTES

1. FOR DRIVE DETAILS, SEE SHEET P.29.
2. FOR SIGNING AND PAVEMENT MARKING INFORMATION, SEE SHEETS P.30 - P.31.
3. FOR ROADWAY ℄ AND CONTROL POINT INFORMATION, SEE SHEET P.02.
4. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
5. FOR FURTHER DRAINAGE INFORMATION, SEE DM-1.2, DM-4.4, CB-2-2ABC, MH-3, HW-2.1, AND HW-2.2.
6. FOR FURTHER GUARDRAIL INFORMATION, SEE MGS-1.1, MGS-2.1, AND MGS-4.3.

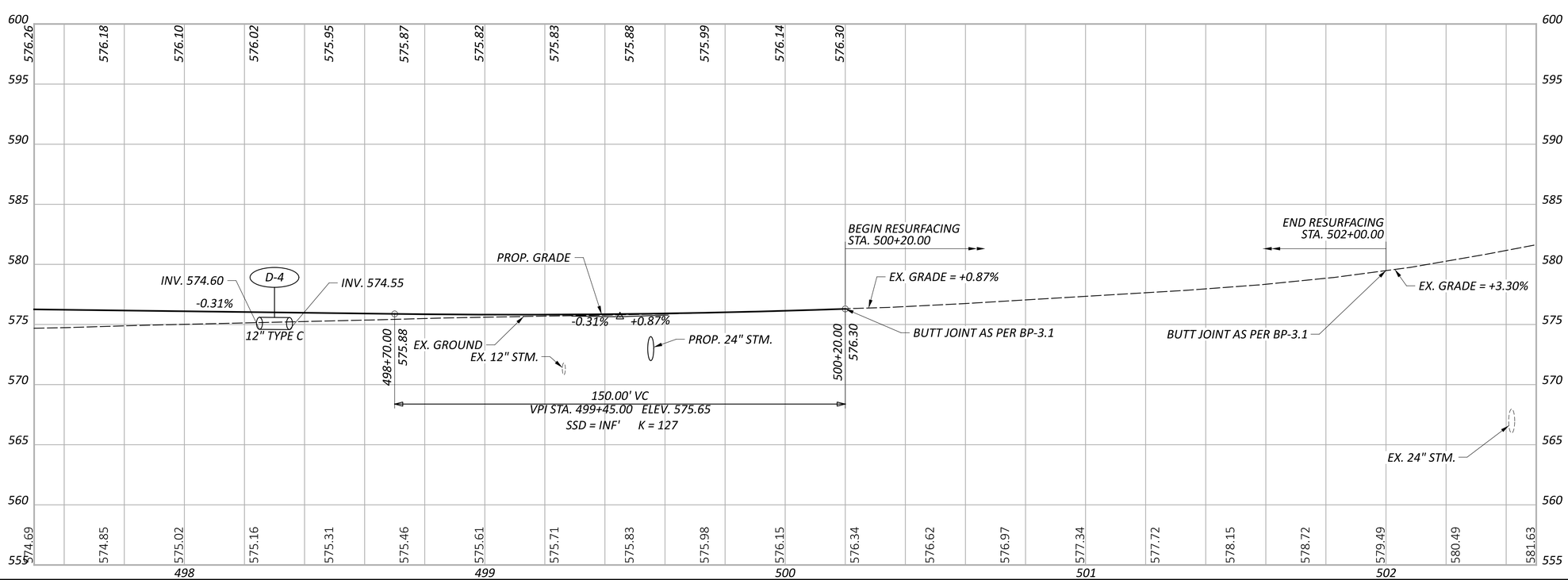
CURVE DATA
P.I. = STA. 498+80.51
Δ = 02°57'39" RT
Dc = 00°28'09"
R = 12,209.08'
T = 315.52'
L = 630.90'
E = 4.08'

LEGEND

■ 6" BASE PIPE UNDERDRAIN
PRCO PRECAST REINFORCED CONCRETE OUTLET
ITEM 670 - SLOPE EROSION PROTECTION
ITEM 670 - DITCH EROSION PROTECTION
PROPOSED RESURFACING

CURVE DATA
P.I. = STA. 502+32.96
Δ = 04°52'15" RT
Dc = 06°34'18"
R = 871.85'
T = 37.08'
L = 74.12'
E = 0.79'

CURVE DATA
P.I. = STA. 502+44.65
Δ = 44°23'55" RT
Dc = 01°13'48"
R = 4,658.12'
Ls = 0.00'
Θs = 00°00'00"
LT = 0.00'
ST = 0.00'
Lc = 123.00'
Ts = 987.85'
Es = 103.60'
S.C. = 492+56.80
C.S. = 493+79.80



PLAN AND PROFILE
STA. 497+50 TO END PROJECT

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.18 TOTAL 31

MEG-124-9.20

MODEL: Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:42 PM USER: hdanford
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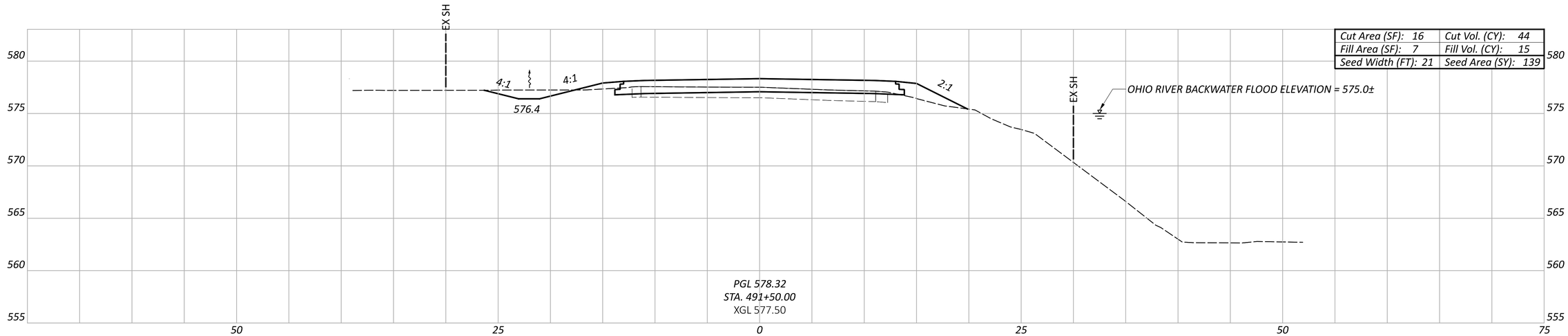
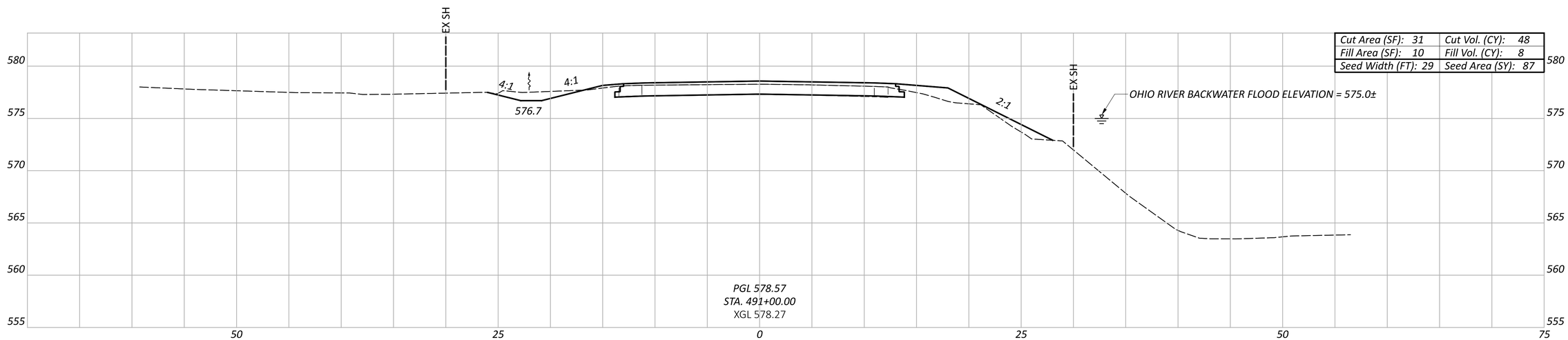
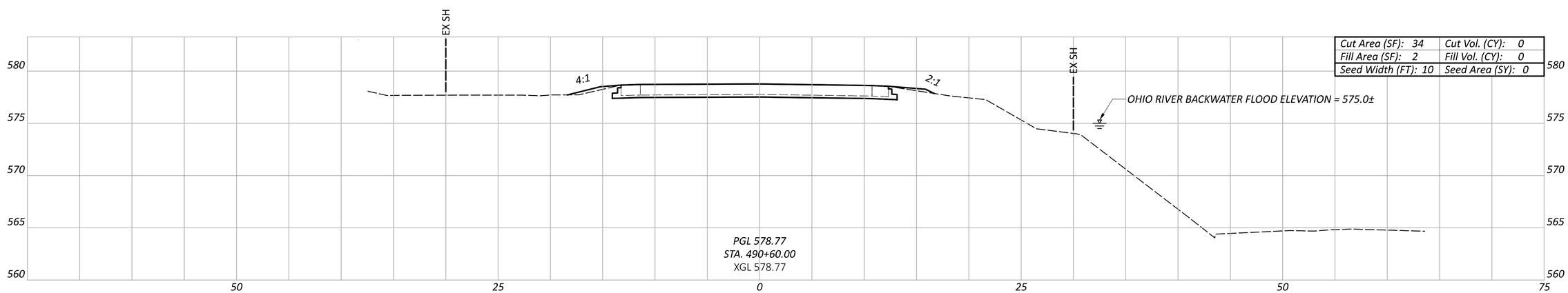
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 16	Cut Vol. (CY): 44
Fill Area (SF): 7	Fill Vol. (CY): 15
Seed Width (FT): 21	Seed Area (SY): 139



Cut Area (SF): 31	Cut Vol. (CY): 48
Fill Area (SF): 10	Fill Vol. (CY): 8
Seed Width (FT): 29	Seed Area (SY): 87



Cut Area (SF): 34	Cut Vol. (CY): 0
Fill Area (SF): 2	Fill Vol. (CY): 0
Seed Width (FT): 10	Seed Area (SY): 0

CROSS SECTIONS
STA. 490+60.00 TO STA. 491+50.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

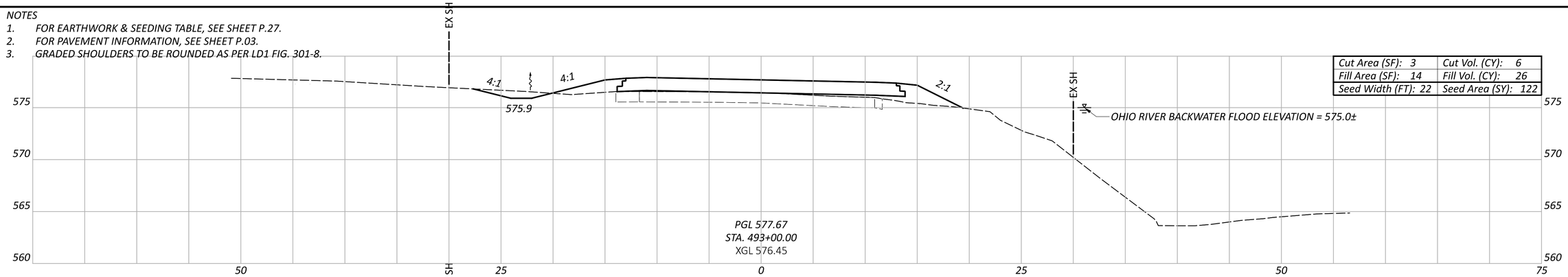
PROJECT ID
119906

SHEET P.19 TOTAL 31

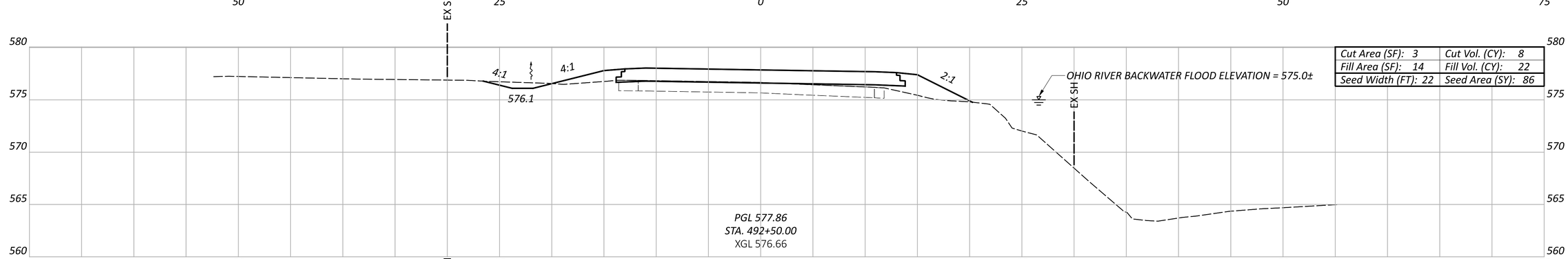
MEG-124-9.20

MODEL: SHEET 1 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:50 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

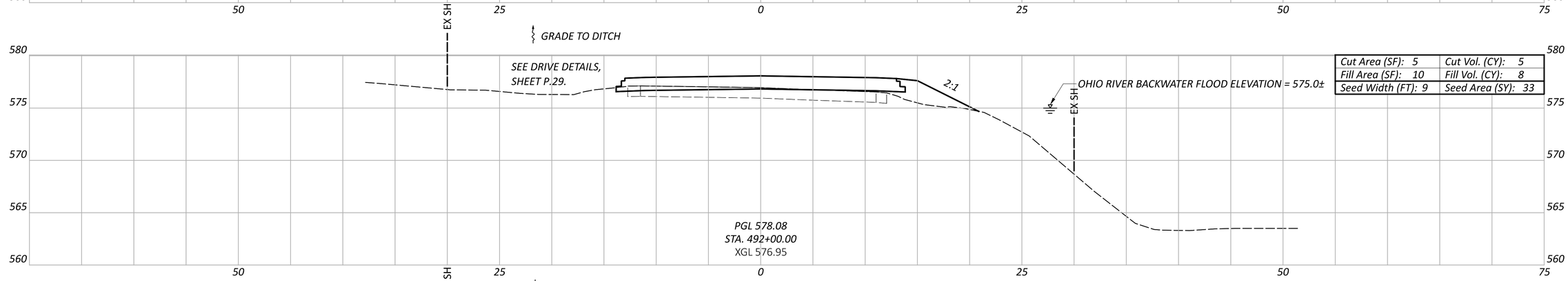
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



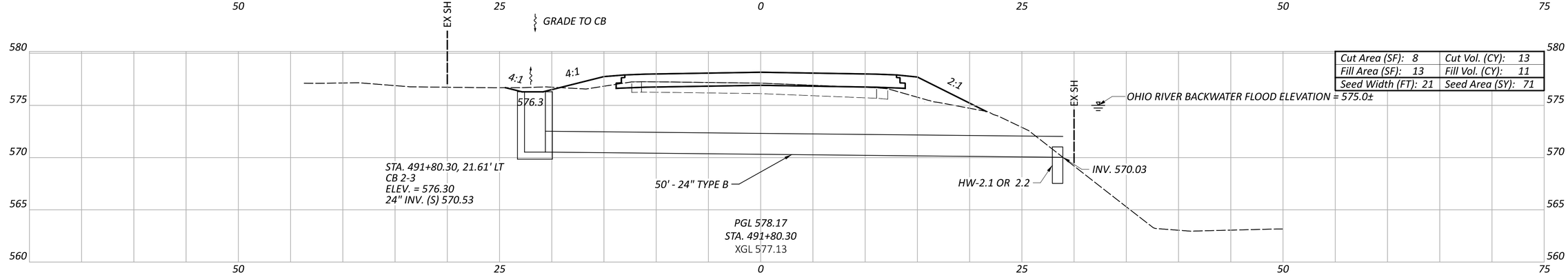
Cut Area (SF): 3	Cut Vol. (CY): 6
Fill Area (SF): 14	Fill Vol. (CY): 26
Seed Width (FT): 22	Seed Area (SY): 122



Cut Area (SF): 3	Cut Vol. (CY): 8
Fill Area (SF): 14	Fill Vol. (CY): 22
Seed Width (FT): 22	Seed Area (SY): 86



Cut Area (SF): 5	Cut Vol. (CY): 5
Fill Area (SF): 10	Fill Vol. (CY): 8
Seed Width (FT): 9	Seed Area (SY): 33



Cut Area (SF): 8	Cut Vol. (CY): 13
Fill Area (SF): 13	Fill Vol. (CY): 11
Seed Width (FT): 21	Seed Area (SY): 71

CROSS SECTIONS
STA. 491+80.30 TO STA. 493+00.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

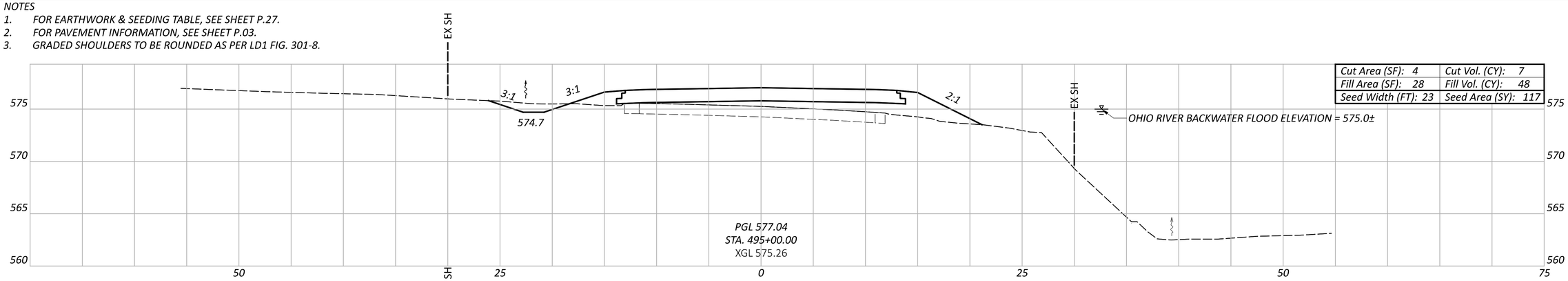
PROJECT ID
119906

SHEET P.20 TOTAL 31

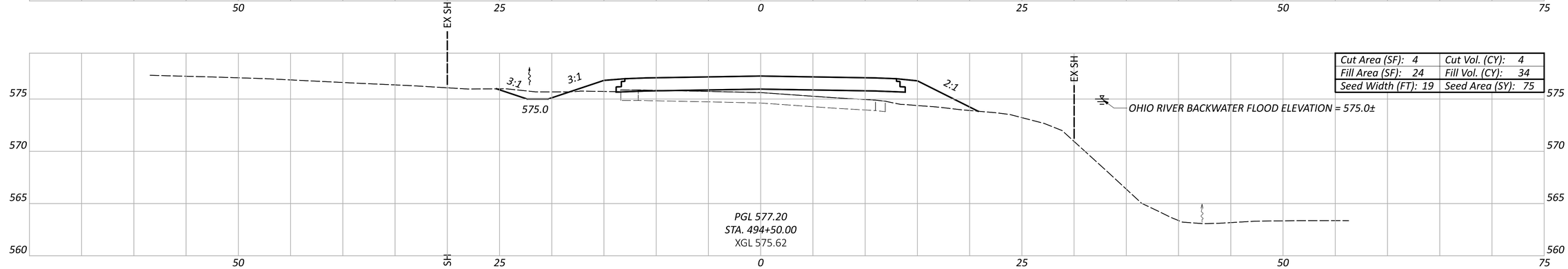
MEG-124-9.20

MODEL: SHEET 2 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:52 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

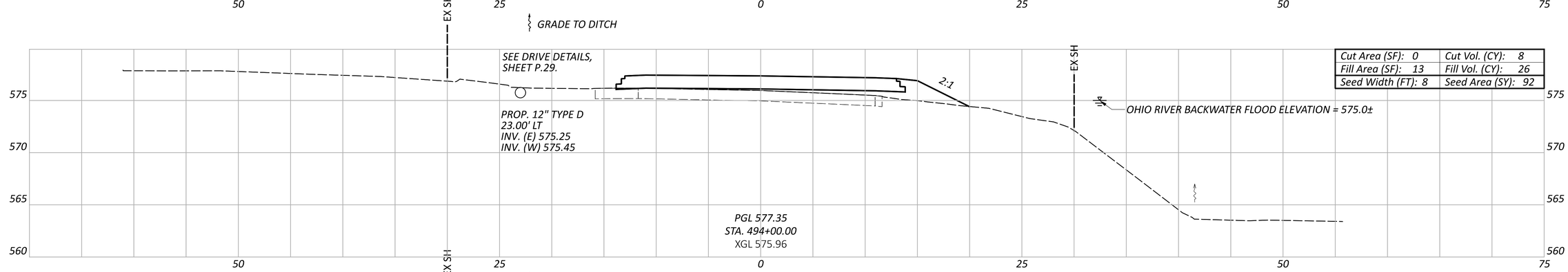
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



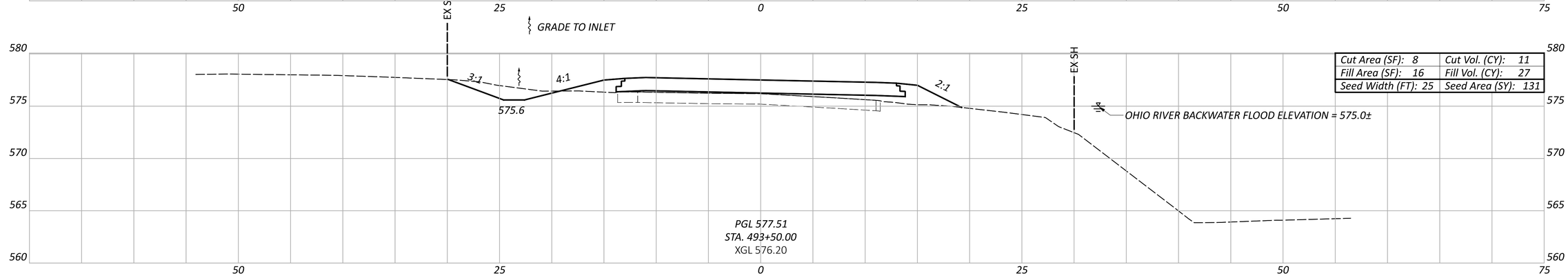
Cut Area (SF): 4	Cut Vol. (CY): 7
Fill Area (SF): 28	Fill Vol. (CY): 48
Seed Width (FT): 23	Seed Area (SY): 117



Cut Area (SF): 4	Cut Vol. (CY): 4
Fill Area (SF): 24	Fill Vol. (CY): 34
Seed Width (FT): 19	Seed Area (SY): 75



Cut Area (SF): 0	Cut Vol. (CY): 8
Fill Area (SF): 13	Fill Vol. (CY): 26
Seed Width (FT): 8	Seed Area (SY): 92



Cut Area (SF): 8	Cut Vol. (CY): 11
Fill Area (SF): 16	Fill Vol. (CY): 27
Seed Width (FT): 25	Seed Area (SY): 131

CROSS SECTIONS
STA. 493+50.00 TO STA. 495+00.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

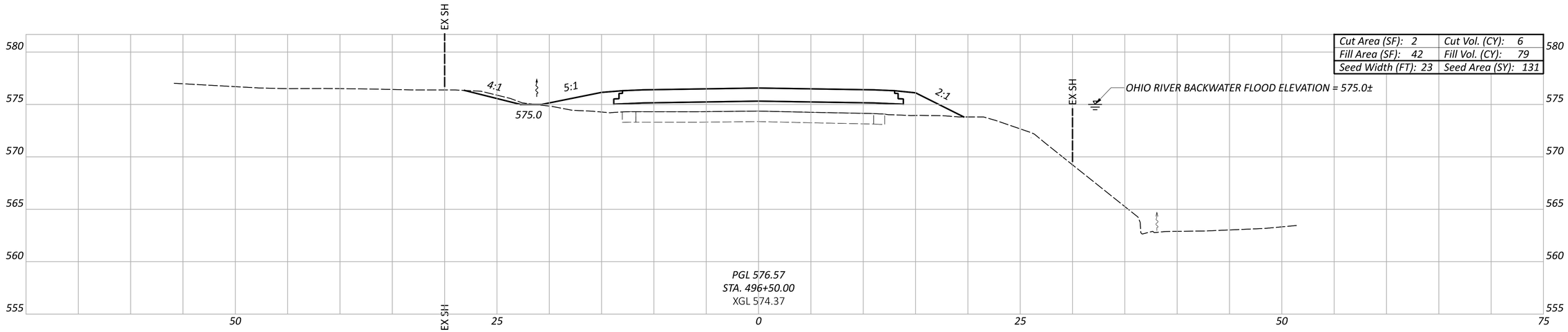
PROJECT ID
119906

SHEET P.21 TOTAL 31

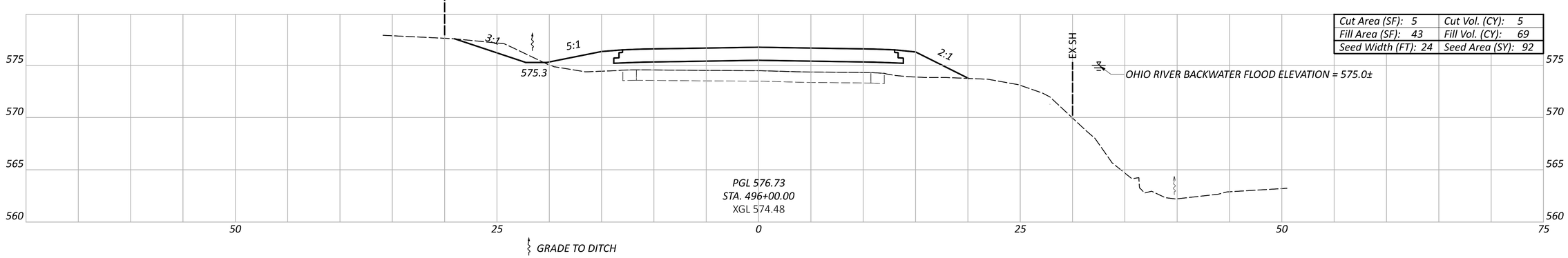
MEG-124-9.20

MODEL: SHEET 3 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:53 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

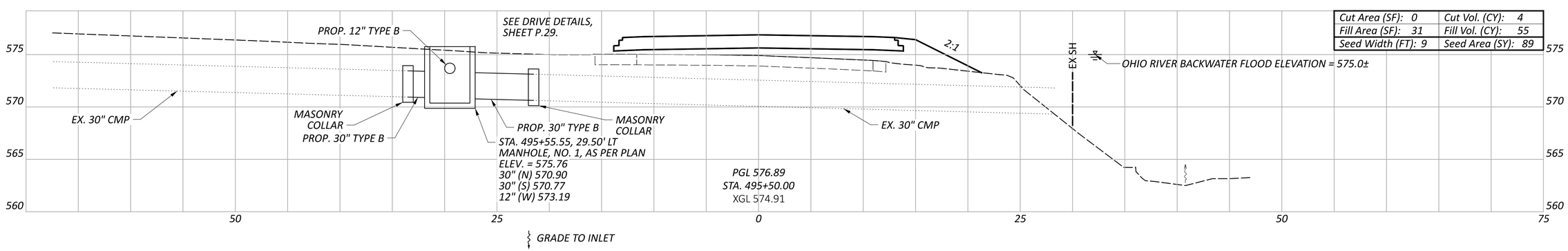
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 2	Cut Vol. (CY): 6
Fill Area (SF): 42	Fill Vol. (CY): 79
Seed Width (FT): 23	Seed Area (SY): 131



Cut Area (SF): 5	Cut Vol. (CY): 5
Fill Area (SF): 43	Fill Vol. (CY): 69
Seed Width (FT): 24	Seed Area (SY): 92



Cut Area (SF): 0	Cut Vol. (CY): 4
Fill Area (SF): 31	Fill Vol. (CY): 55
Seed Width (FT): 9	Seed Area (SY): 89

CROSS SECTIONS
STA. 495+50.00 TO STA. 496+50.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.22 TOTAL 31

MEG-124-9.20

MODEL: SHEET 4 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:54 PM USER: hdanford
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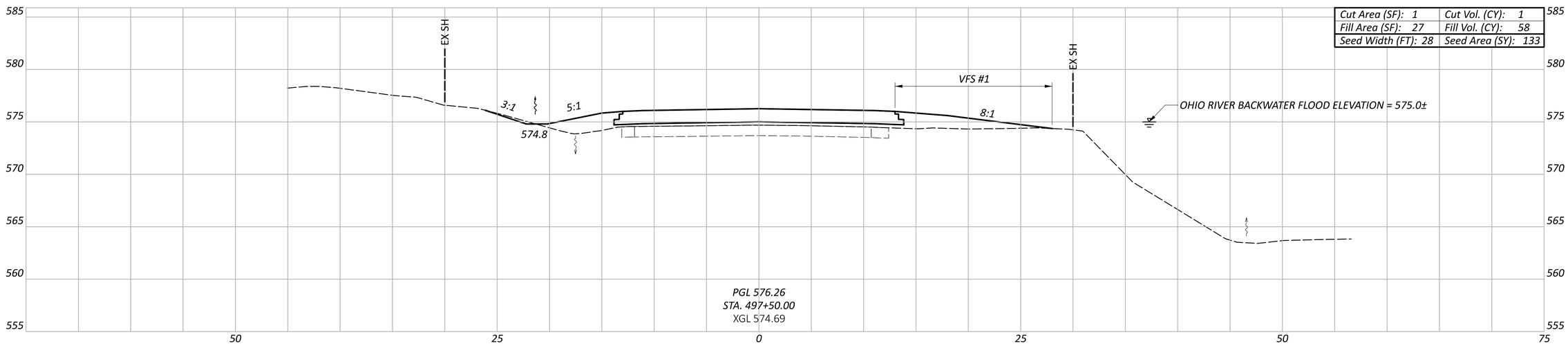
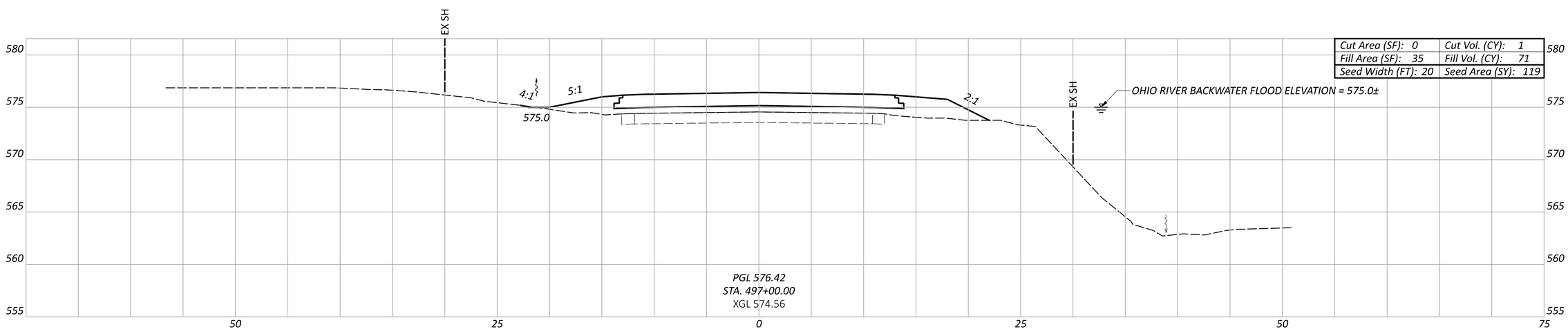
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 1	Cut Vol. (CY): 1
Fill Area (SF): 27	Fill Vol. (CY): 58
Seed Width (FT): 28	Seed Area (SY): 133



Cut Area (SF): 0	Cut Vol. (CY): 1
Fill Area (SF): 35	Fill Vol. (CY): 71
Seed Width (FT): 20	Seed Area (SY): 119

CROSS SECTIONS
STA. 497+00.00 TO STA. 497+50.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

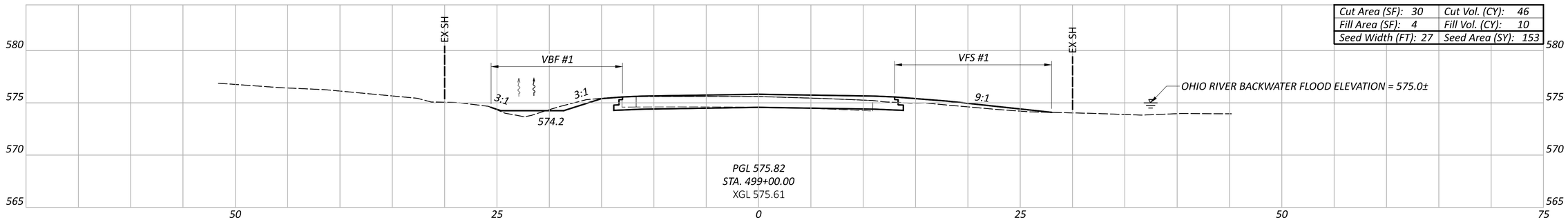
PROJECT ID
119906

SHEET P.23 TOTAL 31

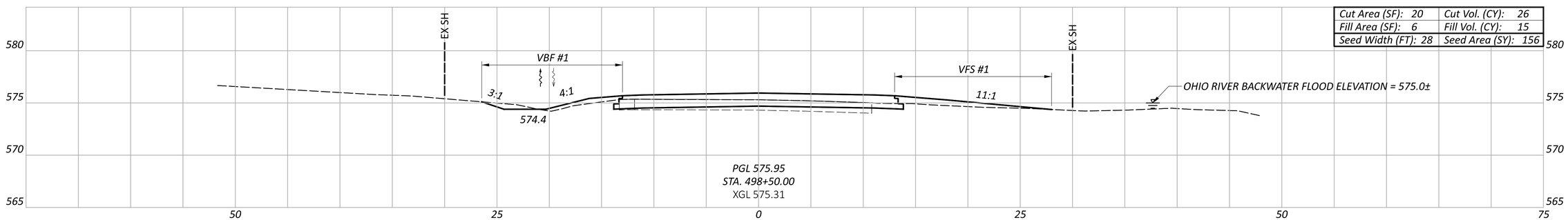
MEG-124-9.20

MODEL: SHEET 5 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:55 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

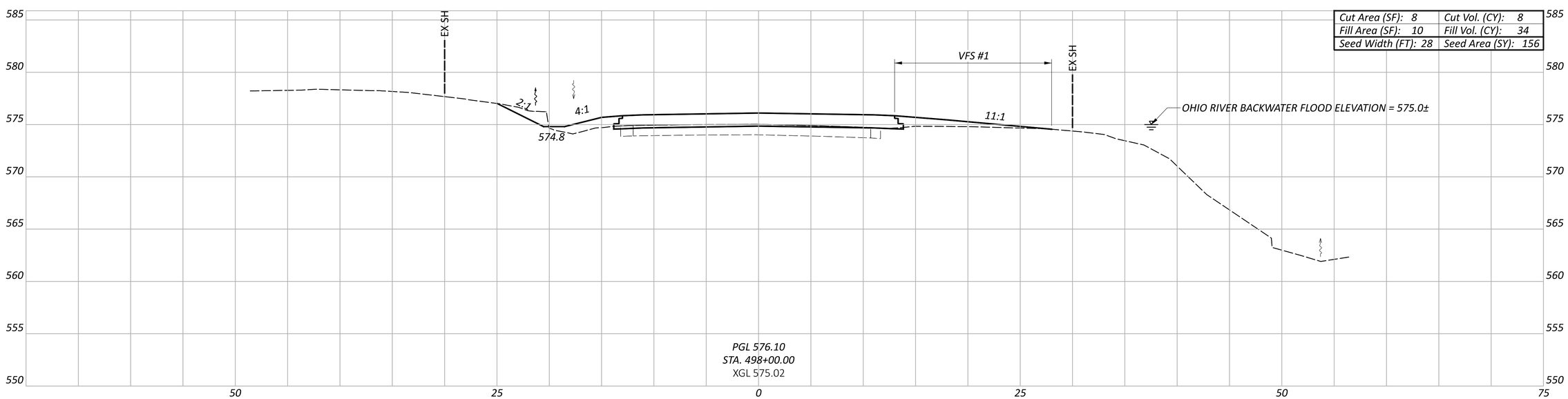
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 30	Cut Vol. (CY): 46
Fill Area (SF): 4	Fill Vol. (CY): 10
Seed Width (FT): 27	Seed Area (SY): 153



Cut Area (SF): 20	Cut Vol. (CY): 26
Fill Area (SF): 6	Fill Vol. (CY): 15
Seed Width (FT): 28	Seed Area (SY): 156



Cut Area (SF): 8	Cut Vol. (CY): 8
Fill Area (SF): 10	Fill Vol. (CY): 34
Seed Width (FT): 28	Seed Area (SY): 156

CROSS SECTIONS
STA. 498+00.00 TO STA. 499+00.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

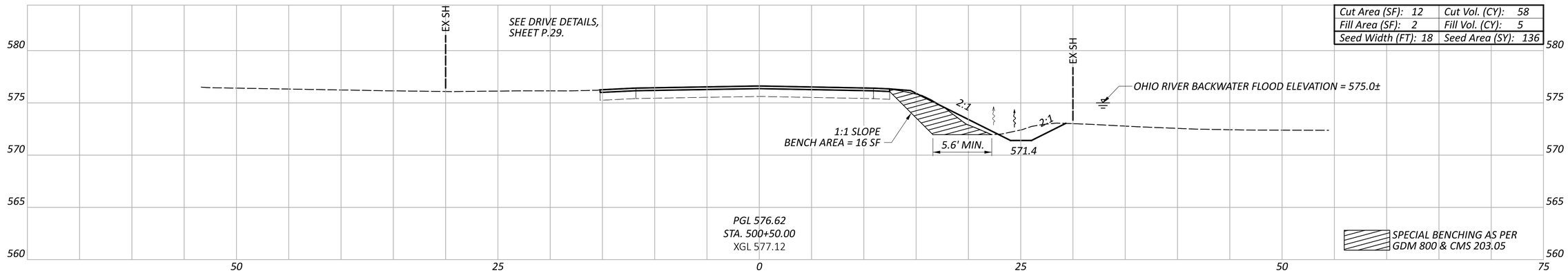
PROJECT ID
119906

SHEET P.24 TOTAL 31

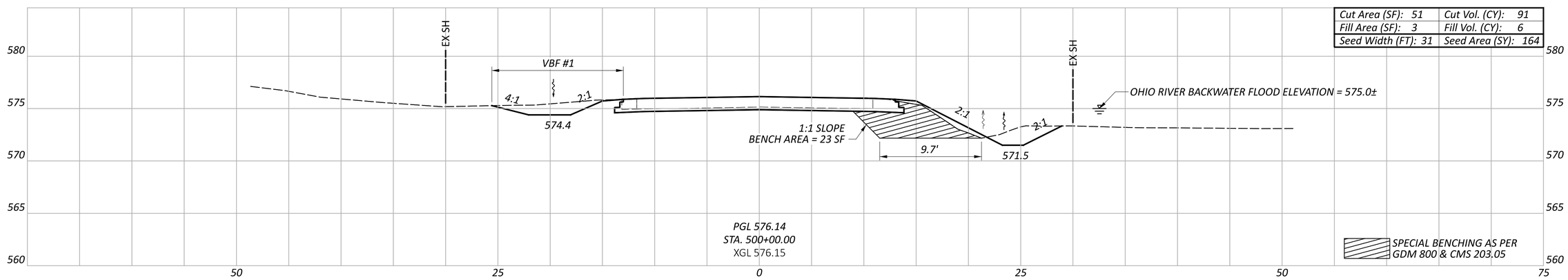
MEG-124-9.20

MODEL: SHEET 6 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:56 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

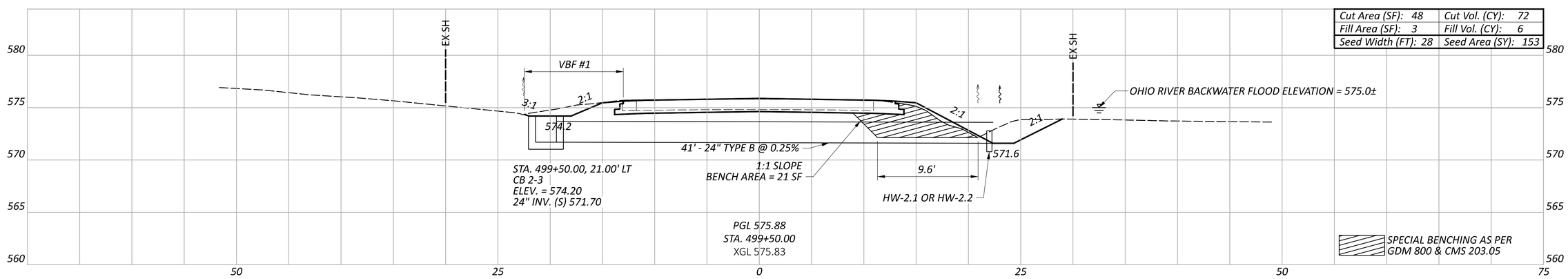
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 12	Cut Vol. (CY): 58
Fill Area (SF): 2	Fill Vol. (CY): 5
Seed Width (FT): 18	Seed Area (SY): 136



Cut Area (SF): 51	Cut Vol. (CY): 91
Fill Area (SF): 3	Fill Vol. (CY): 6
Seed Width (FT): 31	Seed Area (SY): 164



Cut Area (SF): 48	Cut Vol. (CY): 72
Fill Area (SF): 3	Fill Vol. (CY): 6
Seed Width (FT): 28	Seed Area (SY): 153

CROSS SECTIONS
STA. 499+50.00 TO STA. 500+50.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

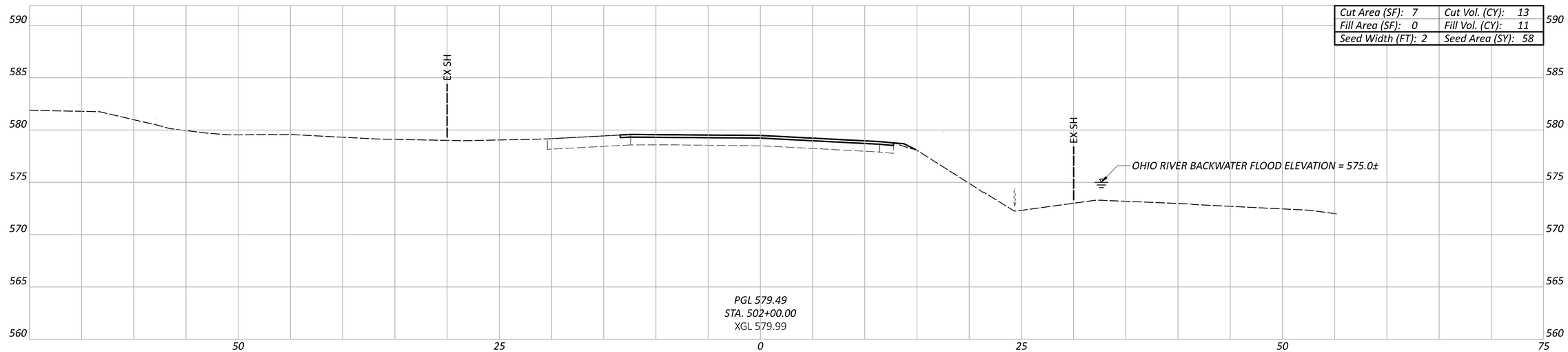
PROJECT ID
119906

SHEET P.25 TOTAL 31

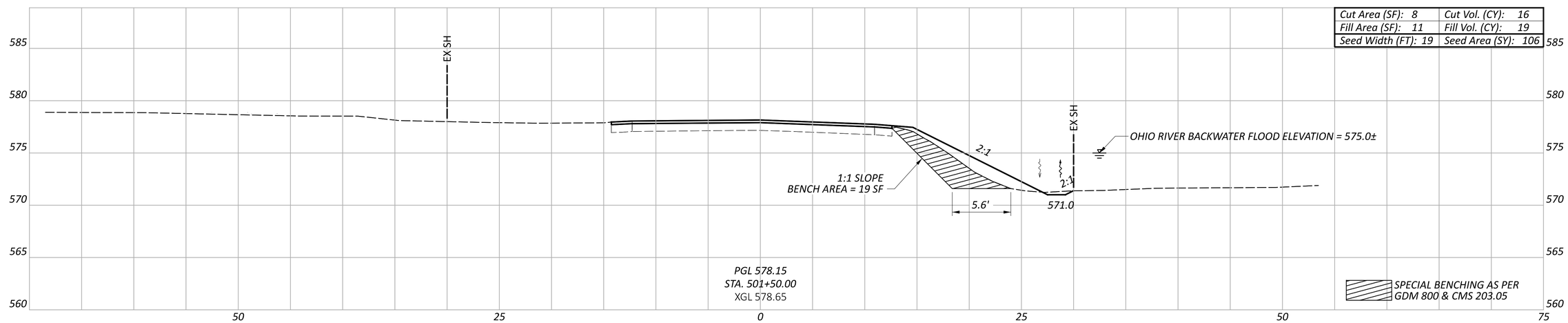
MEG-124-9.20

MODEL: SHEET 7 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:56 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

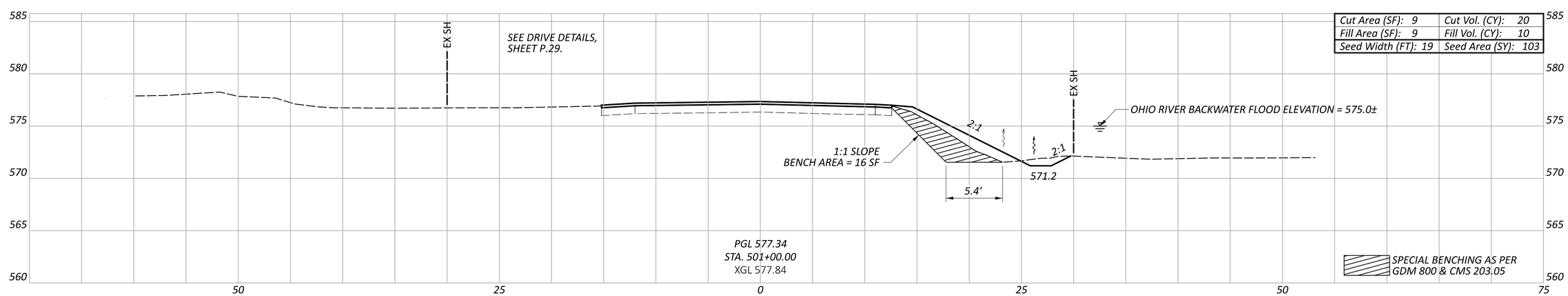
NOTES
1. FOR EARTHWORK & SEEDING TABLE, SEE SHEET P.27.
2. FOR PAVEMENT INFORMATION, SEE SHEET P.03.
3. GRADED SHOULDERS TO BE ROUNDED AS PER LD1 FIG. 301-8.



Cut Area (SF): 7	Cut Vol. (CY): 13
Fill Area (SF): 0	Fill Vol. (CY): 11
Seed Width (FT): 2	Seed Area (SY): 58



Cut Area (SF): 8	Cut Vol. (CY): 16
Fill Area (SF): 11	Fill Vol. (CY): 19
Seed Width (FT): 19	Seed Area (SY): 106



Cut Area (SF): 9	Cut Vol. (CY): 20
Fill Area (SF): 9	Fill Vol. (CY): 10
Seed Width (FT): 19	Seed Area (SY): 103

CROSS SECTIONS
STA. 501+00.00 TO STA. 502+00.00

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.26 TOTAL 31

MEG-124-9.20

MODEL: SHEET 8 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:57 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Melgs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

SR-124 EARTHWORK QUANTITIES TABLE						
STA.	Cut Area (SF)	Fill Area (SF)	Seed Width (Ft)	Cut Vol. (CY)	Fill Vol. (CY)	Seed Area (SY)
490+60.00	34	2	10	0	0	0
491+00.00	31	10	29	48	8	87
491+50.00	16	7	21	44	15	139
491+80.30	8	13	21	13	11	71
492+00.00	5	10	9	5	8	33
492+50.00	3	14	22	8	22	86
493+00.00	3	14	22	6	26	122
493+50.00	8	16	25	11	27	131
494+00.00	0	13	8	8	26	92
494+50.00	4	24	19	4	34	75
495+00.00	4	28	23	7	48	117
495+50.00	0	31	9	4	55	89
496+00.00	5	43	24	5	69	92
496+50.00	2	42	23	6	79	131
497+00.00	0	35	20	1	71	119
497+50.00	1	27	28	1	58	133
498+00.00	8	10	28	8	34	156
498+50.00	20	6	28	26	15	156
499+00.00	30	4	27	46	10	153
499+50.00	48	3	28	72	6	153
500+00.00	51	3	31	91	6	164
500+50.00	12	2	18	58	5	136
501+00.00	9	9	19	20	10	103
501+50.00	8	11	19	16	19	106
502+00.00	7	0	2	13	11	58
TOTALS CARRIED TO SEEDING AND MULCHING SUBSUMMARY				**521**	**673**	**2699**

SR-124 BENCHING QUANTITIES TABLE			
STA.	Bench Cut Area (SF)	Bench Cut Vol. (CY)	Bench Fill Vol. (CY)
499+00.00	0	0	0
499+50.00	21	19	19
500+00.00	23	41	41
500+50.00	16	36	36
501+00.00	16	30	30
501+50.00	19	32	32
502+00.00	0	18	18
TOTALS CARRIED TO SEEDING AND MULCHING SUBSUMMARY		**176**	**176**

SEEDING AND MULCHING SUBSUMMARY								
	203	203	659	659	659	659	659	659
CARRIED FROM	EXCAVATION	EMBANKMENT	SEEDING AND MULCHING	REPAIR SEEDING AND MULCHING	INTER-SEEDING	COMMERCIAL FERTILIZER	LIME	WATER
	CY	CY	SY	SY	SY	TON	ACRE	MGAL
EARTHWORK QUANTITIES TABLE	521	673	2699	135	135	0.37	0.56	15
BENCHING QUANTITIES TABLE	176	176	0	0.00	0.00	0.000	0.000	0.000
TOTALS CARRIED TO GENERAL SUMMARY	**697**	**849**	**2699**	**135**	**135**	**0.37**	**0.56**	**15**

CROSS SECTIONS

DESIGN AGENCY

AMT

DESIGNER JAL

REVIEWER JAH 07/15/25

PROJECT ID 119906

SHEET P.27 TOTAL 31

MEG-124-9.20

MODEL: Earthwork and Seeding Table PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:51:58 PM USER: hdanford
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 10\Meigs\119906\401-Engineering_AMT\Roadway\Sheets\119906_XS101.dgn

SUPERELEVATION TABLE

P.I. STA. 493+18.30 | Dc = 1°13'48"

LEFT SIDE									CENTERLINE CONTROL		RIGHT SIDE									REMARKS
SHOULDER ELEVATION	ELEVATION CORRECTION	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	SHOULDER CROSS SLOPE	SHOULDER WIDTH	ELEVATION CORRECTION	SHOULDER ELEVATION	
577.94	-0.08	2.00	-0.040	578.02	185:1	-0.18	-0.0160	11.00	491+75.00	578.20	11.00	-0.0160	-0.18	185:1	578.02	-0.040	2.00	-0.08	577.94	NORMAL CROWN
577.84	-0.08	2.00	-0.040	577.92		-0.18	-0.0160	11.00	491+94.33	578.10	11.00	-0.0160	-0.18		577.92	-0.040	2.00	-0.08	577.84	NORMAL CROWN
577.85	-0.08	2.00	-0.040	577.93		-0.15	-0.0132	11.00	492+00.00	578.08	11.00	-0.0160	-0.18		577.90	-0.040	2.00	-0.08	577.82	
577.88	-0.08	2.00	-0.040	577.96		-0.01	-0.0009	11.00	492+25.00	577.97	11.00	-0.0160	-0.18		577.79	-0.040	2.00	-0.08	577.71	
577.88	-0.08	2.00	-0.040	577.96		0.00	0.0000	11.00	492+26.89	577.96	11.00	-0.0160	-0.18		577.78	-0.040	2.00	-0.08	577.70	
577.98	-0.08	2.00	-0.040	578.06		0.18	0.0160	11.00	492+49.68	577.88	11.00	-0.0160	-0.18		577.70	-0.040	2.00	-0.08	577.62	
577.97	-0.08	2.00	-0.040	578.05		0.18	0.0161	11.00	492+50.00	577.87	11.00	-0.0160	-0.18		577.69	-0.040	2.00	-0.08	577.61	
577.97	-0.08	2.00	-0.040	578.05		0.20	0.0178	11.00	492+56.80	577.85	11.00	-0.0178	-0.20		577.65	-0.040	2.00	-0.08	577.57	PC - BEGIN CURVE
577.96	-0.08	2.00	-0.040	578.04		0.23	0.0210	11.00	492+69.62	577.81	11.00	-0.0210	-0.23		577.58	-0.040	2.00	-0.08	577.50	BEGIN FULL SUPER
577.94	-0.08	2.00	-0.040	578.02		0.23	0.0210	11.00	492+75.00	577.79	11.00	-0.0210	-0.23		577.56	-0.040	2.00	-0.08	577.48	FULL SUPER
577.87	-0.08	2.00	-0.040	577.95		0.23	0.0210	11.00	493+00.00	577.72	11.00	-0.0210	-0.23		577.49	-0.040	2.00	-0.08	577.41	FULL SUPER
577.81	-0.08	2.00	-0.040	577.89		0.23	0.0210	11.00	493+25.00	577.66	11.00	-0.0210	-0.23		577.43	-0.040	2.00	-0.08	577.35	FULL SUPER
577.76	-0.08	2.00	-0.040	577.84		0.23	0.0210	11.00	493+50.00	577.61	11.00	-0.0210	-0.23		577.38	-0.040	2.00	-0.08	577.30	FULL SUPER
577.72	-0.08	2.00	-0.040	577.80		0.23	0.0210	11.00	493+66.98	577.57	11.00	-0.0210	-0.23		577.34	-0.040	2.00	-0.08	577.26	END FULL SUPER
577.68	-0.08	2.00	-0.040	577.76		0.21	0.0190	11.00	493+75.00	577.55	11.00	-0.0190	-0.21		577.34	-0.040	2.00	-0.08	577.26	
577.66	-0.08	2.00	-0.040	577.74		0.20	0.0178	11.00	493+79.80	577.54	11.00	-0.0178	-0.20		577.34	-0.040	2.00	-0.08	577.26	PCC - END CURVE
577.63	-0.08	2.00	-0.040	577.71		0.18	0.0160	11.00	493+86.92	577.53	11.00	-0.0160	-0.18		577.35	-0.040	2.00	-0.08	577.27	
577.49	-0.08	2.00	-0.040	577.57		0.07	0.0068	11.00	494+00.00	577.50	11.00	-0.0160	-0.18		577.32	-0.040	2.00	-0.08	577.24	
577.40	-0.08	2.00	-0.040	577.48		0.00	0.0000	11.00	494+09.71	577.48	11.00	-0.0160	-0.18		577.30	-0.040	2.00	-0.08	577.22	
577.28	-0.08	2.00	-0.040	577.36		-0.08	-0.0075	11.00	494+25.00	577.44	11.00	-0.0160	-0.18		577.26	-0.040	2.00	-0.08	577.18	
577.15	-0.08	2.00	-0.040	577.23		-0.18	-0.0160	11.00	494+42.27	577.41	11.00	-0.0160	-0.18		577.23	-0.040	2.00	-0.08	577.15	NORMAL CROWN
577.13	-0.08	2.00	-0.040	577.21		-0.18	-0.0160	11.00	494+50.00	577.39	11.00	-0.0160	-0.18		577.21	-0.040	2.00	-0.08	577.13	NORMAL CROWN

SUPERELEVATION TABLE

DESIGN AGENCY

AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.28 TOTAL 31

MEG-124-9.20

MODEL: SHEET GE001 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:52:06 PM USER: hdanford
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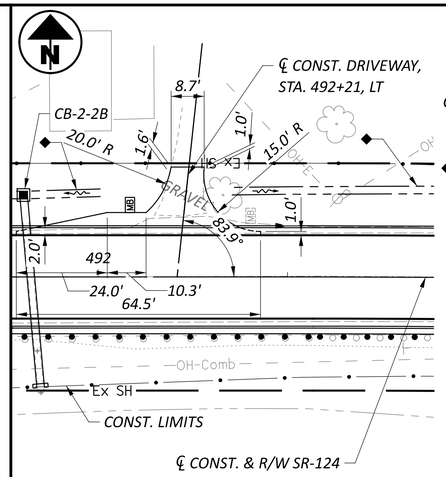
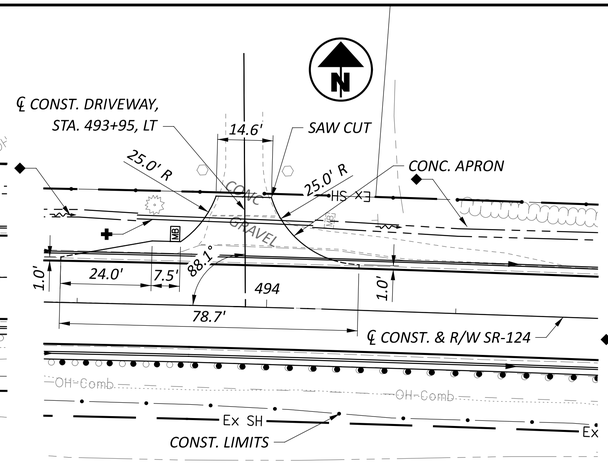
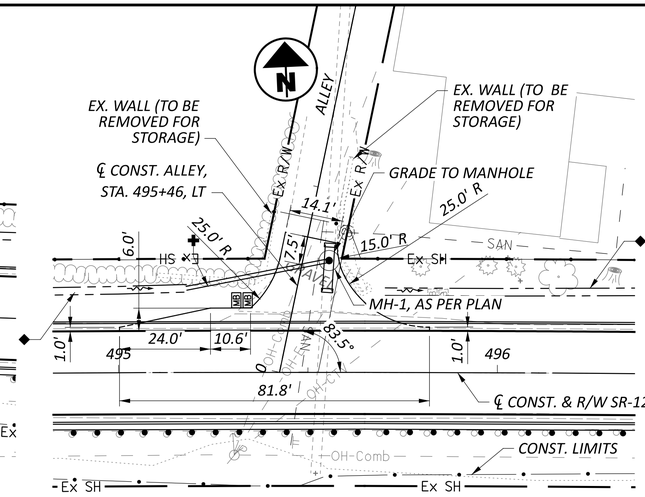


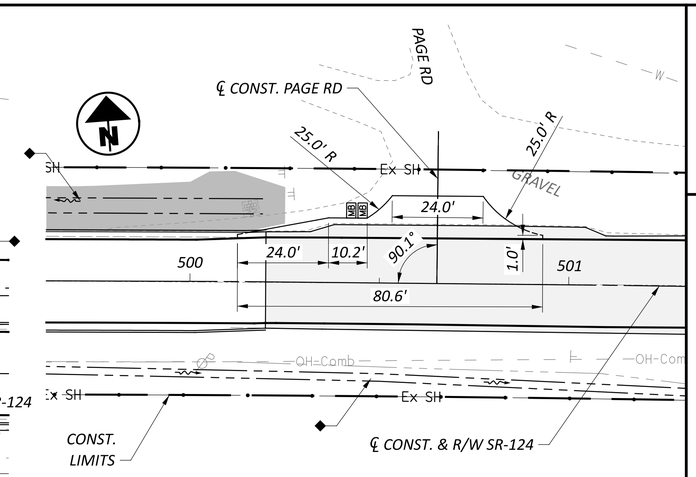
DRIVEWAY PLAN VIEW - STA. 492+21, LT



DRIVEWAY PLAN VIEW - STA. 493+95, LT



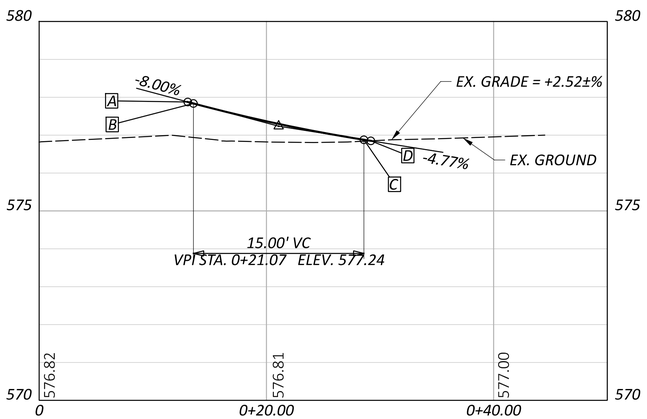
ALLEY PLAN VIEW - STA. 495+46, LT



DRIVEWAY PLAN VIEW - PAGE RD

HORIZONTAL SCALE IN FEET
0 10 20 40

DRIVEWAY PROFILE VIEW - STA. 492+21, LT



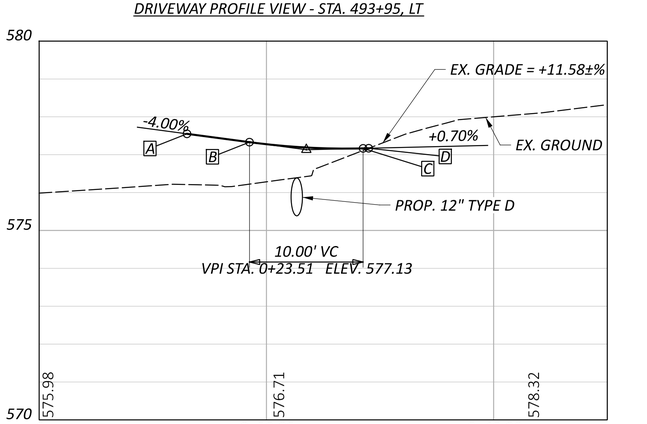
PAVEMENT BUILDUP
ITEM 304 - 8" AGGREGATE BASE
ITEM 204 - SUBGRADE COMPACTION

A BEGIN PROFILE, MATCH PROP. EDGE OF SHLDR. STA. 0+13.07, ELEV. = 577.88
B BEGIN VC, STA. 0+13.57, ELEV. = 577.84
C END VC, STA. 0+28.57, ELEV. = 576.88
D END PROFILE, MATCH EX. GROUND STA. 0+29.19, ELEV. = 576.85

NOTES
1. FOR ADDITIONAL DETAILS, SEE SCD BP-4.1
2. ALL DRIVEWAYS SHOWN ARE RESIDENTIAL.
3. FOR FURTHER ROADWAY INFORMATION, SEE SHEETS P.09 - P.11.
4. GRADE ALL DRIVES AND ALLEYS TO DITCHES AS PER LD1, FIG. 307-7.

LEGEND
MB EXISTING MAILBOX
MB PROPOSED MAILBOX
◆ PROP. DITCH (NOTE 4)
✚ PROP. 12" TYPE D

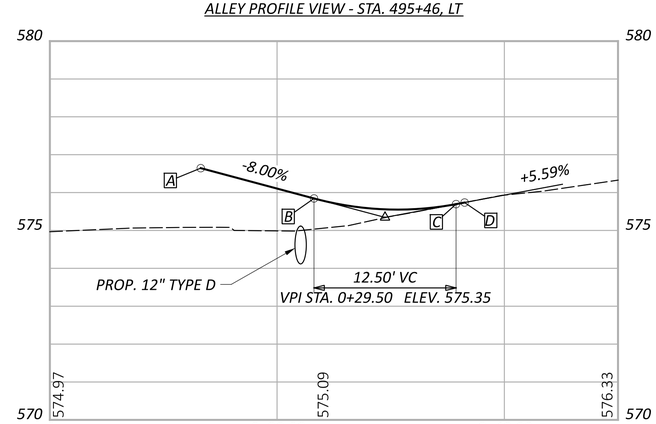
DRIVEWAY PROFILE VIEW - STA. 493+95, LT



PAVEMENT BUILDUP
ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT
ITEM 204 - SUBGRADE COMPACTION

A BEGIN PROFILE, MATCH PROP. EDGE OF SHLDR. STA. 0+13.01, ELEV. = 577.55
B BEGIN VC, STA. 0+18.51, ELEV. = 577.33
C END VC, STA. 0+28.51, ELEV. = 577.17
D END PROFILE, MATCH EX. GROUND STA. 0+29.00, ELEV. = 577.17

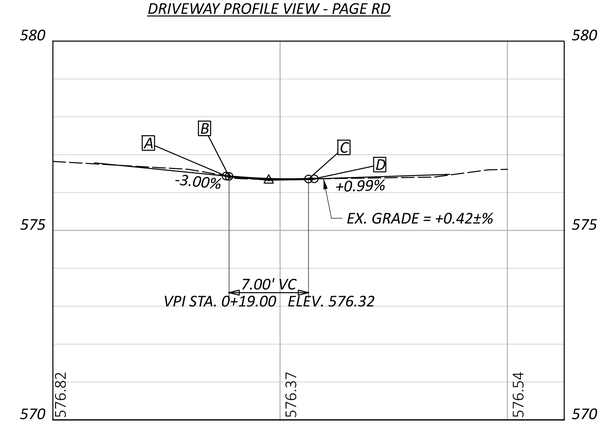
ALLEY PROFILE VIEW - STA. 495+46, LT



PAVEMENT BUILDUP
ITEM 304 - 8" AGGREGATE BASE
ITEM 204 - SUBGRADE COMPACTION

A BEGIN PROFILE, MATCH PROP. EDGE OF SHLDR. STA. 0+13.28, ELEV. = 576.64
B BEGIN VC, STA. 0+23.25, ELEV. = 575.85
C END VC, STA. 0+35.75, ELEV. = 575.70
D END PROFILE, MATCH EX. GROUND STA. 0+36.50, ELEV. = 575.74

DRIVEWAY PROFILE VIEW - PAGE RD



PAVEMENT BUILDUP
ITEM 304 - 8" AGGREGATE BASE
ITEM 204 - SUBGRADE COMPACTION

A BEGIN PROFILE, MATCH PROP. EDGE OF SHLDR. STA. 0+15.24, ELEV. = 576.44
B BEGIN VC, STA. 0+15.50, ELEV. = 576.43
C END VC, STA. 0+22.50, ELEV. = 576.36
D END PROFILE, MATCH EX. GROUND STA. 0+23.00, ELEV. = 576.36

DRIVE DETAILS

DESIGN AGENCY
AMT

DESIGNER JAL
REVIEWER JAH 07/15/25
PROJECT ID 119906
SHEET P.29 TOTAL 31

MEG-124-9.20

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:52:13 PM USER: hdanford
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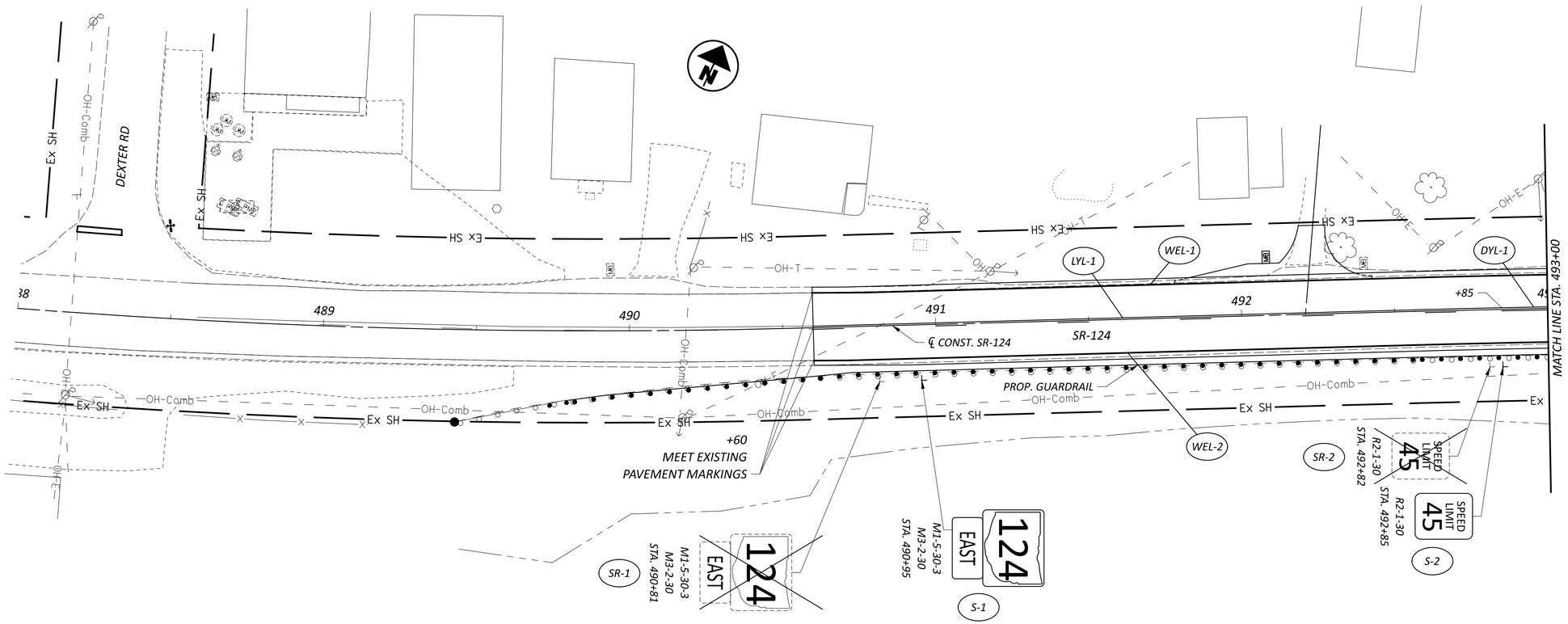

LEGEND

- WRR — *RAILROAD SYMBOL, WHITE*
- WSL — *STOP LINE, WHITE 24"*
- DYL — *DOUBLE YELLOW CENTER LINE*
- WEL — *EDGE LINE, 6" WHITE*
- R — *EXISTING SIGN (TBR)*
- S — *PROPOSED SIGN*
- *PROPOSED SIGN, SINGLE POST*
- *PROPOSED SIGN, DOUBLE POST*
- LYL — *DOUBLE YELLOW CENTERLINE, PASS PROTECTED LEFT*
- RYL — *DOUBLE YELLOW CENTERLINE, PASS PROTECTED RIGHT*

NOTES

1. *FOR ℄ INFORMATION, SEE SCHEMATIC PLAN, SHEET P.02.*
2. *FOR FURTHER ROADWAY INFORMATION, SEE SHEETS P.08 - P.10.*
3. *TRANSITION PROPOSED PAVEMENT MARKINGS TO MEET THE EXISTING MARKINGS WITHIN THE STATION LIMITS SHOWN.*
4. *ALL PROPOSED PAVEMENT MARKINGS SHALL BE ITEM 644 THERMOPLASTIC UNLESS NOTED OTHERWISE.*
5. *ALL SIGNS MOUNTED ON #3 POST UNLESS NOTED OTHERWISE.*
6. *CENTERLINE RPM LOCATION AND SPACING PER SCD TC-65.10 AND TC-65.11.*
7. *FOR FURTHER SIGN INFORMATION, SEE TC-41.20, TC-42.20, TC-52.10, AND TC-52.20.*
8. *FOR FURTHER GUARDRAIL REFLECTOR INFORMATION, SEE TC-61.30.*
9. *FOR FURTHER PAVEMENT MARKING INFORMATION, SEE TC-71.10.*

HORIZONTAL SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN
BEGIN PROJECT TO STA. 498+00

DESIGN AGENCY
AMT

DESIGNER JAL
REVIEWER JAH 07/15/25
PROJECT ID 119906
SHEET P.30 TOTAL 31

MEG-124-9.20

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NOTES

1. *FOR LEGEND, PLAN NOTES, AND PAVEMENT MARKINGS DETAILS, SEE PREVIOUS SHEET.*

HORIZONTAL SCALE IN FEET
0 10 20 40

SIGNING AND PAVEMENT MARKING PLAN
STA. 498+00 TO END PROJECT

DESIGN AGENCY
AMT

DESIGNER
JAL

REVIEWER
JAH 07/15/25

PROJECT ID
119906

SHEET P.31 TOTAL 31

MEG-124-9.20

MODEL: TC Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 7/17/2025 TIME: 12:52:24 PM USER: hdanford
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