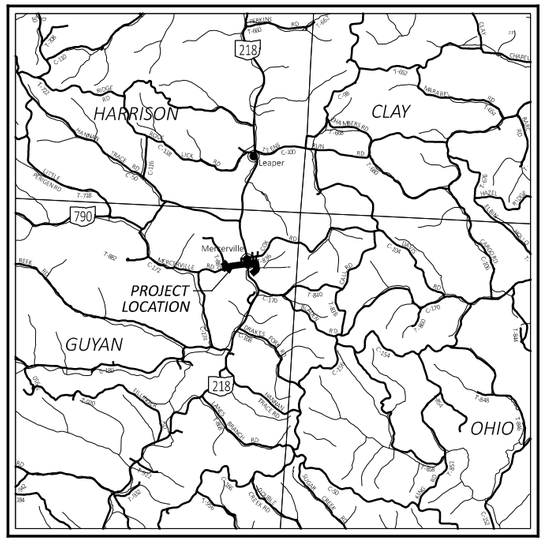
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

GAL - MERCERVILLE - SHARED USE PATH

MERCERVILLE
GUYAN TOWNSHIP
GALLIA COUNTY



LOCATION MAP

LATITUDE: 38°39'41" LONGITUDE: 82°16'14"

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

DESIGN DESIGNATION

CURRENT ADT (2023)	35
DESIGN YEAR ADT (2025)	N/A
DESIGN HOURLY VOLUME (20)	N/A
DIRECTIONAL DISTRIBUTION	N/A
TRUCKS (24 HOUR B&C)	N/A
DESIGN SPEED	45
LEGAL SPEED	45

DESIGN FUNCTIONAL CLASSIFICATION:
07 LOCAL ROAD
NHS PROJECT ____ NO

DESIGN EXCEPTIONS

ADA DESIGN WAIVERS

INDEX OF SHEETS:

Addendum #1
02/17/2026

FEDERAL PROJECT NUMBER

E240981

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

CONSTRUCTION OF A SHARED USE PATH FROM SOUTH GALLIA HIGH SCHOOL TO HANNAH TRACE ELEMENTARY. PROPOSED PATH WILL FOLLOW THE ALIGNMENTS OF OLD HANNAH TRACE ROAD, MERCERVILLE ROAD, CROSS S.R. 218, THEN USE THE PAVEMENT OF STATION STREET BEFORE FOLLOWING A NEW ALIGNMENT TO THE SOUTH AND CROSSING A STREAM BY CULVERT TO END AT HANNAH TRACE ELEMENTARY.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	1.33 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	1.58 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.

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:
DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
6121 HUNTLEY RD
COLUMBUS, OH 43229
(614) 888-0040

STATE OF OHIO
CHAD S. RUNDLE
E-67475
REGISTERED
PROFESSIONAL ENGINEER
Digitally signed by Chad Rundle
Date: 2026.02.17 12:55:06-05'00'

STANDARD CONSTRUCTION DRAWINGS							SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-4.1	7/19/13	HW-2.2	7/20/18				800-2023	7/18/25	WATERWAY PERMIT	8/5/25
BP-5.1	7/18/25						832	7/18/25		
BP-7.1	7/18/25	HL-20.11	7/18/25							
		HL-60.11	7/21/17							
CB-2-2A, 2B, 2C	7/19/24									
CB-2-3, 2-4	7/19/24	TC-41.20	10/18/13							
CB-6	7/19/24	TC-41.30	4/21/23							
		TC-41.50	10/18/13							
DM-1.1	1/17/25	TC-42.20	10/18/13							
		TC-52.10	10/18/13							
MH-3	7/19/24	TC-52.20	1/15/21							
		TC-74.10	7/21/23							
RM-5.1	7/18/14	TC-87.10	7/18/25							
RM-5.2	7/21/23									
		MT-97.10	1/16/26							
HW-2.1	7/15/22	MT-103.20	1/16/26							

Addendum #1
02/17/2026

Pamela Boratyn
Pamela Boratyn, PhD
Director, Department of Transportation

Rich Oster
District 10 Deputy Director

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 1 TOTAL 51

TITLE SHEET

GAL-MERC-SUP

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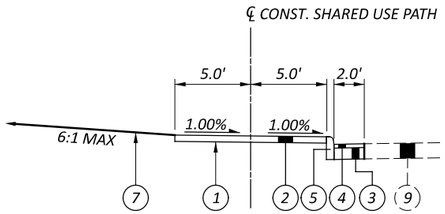
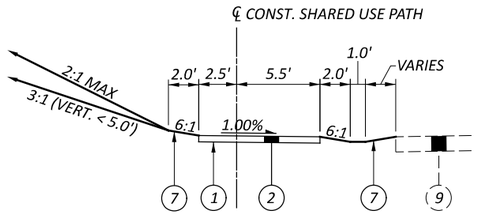


SHARED USE PATH - NORMAL SECTION

STA. 10+45.84 TO STA. 12+92.74



SHARED USE PATH - NORMAL SECTION

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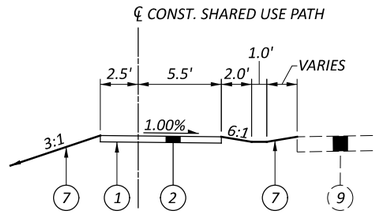
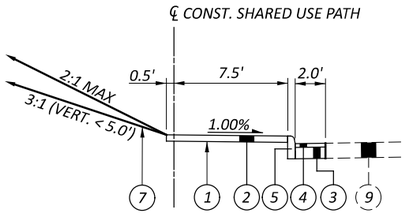


SHARED USE PATH - NORMAL SECTION

STA 109+20.00 TO STA 111+51.22

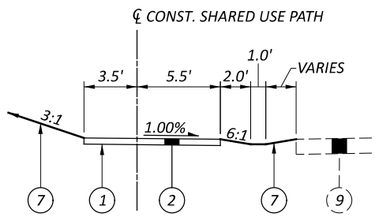
LEGEND

1. ITEM 204 - SUBGRADE COMPACTION
2. ITEM 608 - 5" CONCRETE WALK
3. ITEM 304 - 9" AGGREGATE BASE
4. ITEM 442 - 3" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
5. ITEM 609 - CURB, TYPE 6
6. ITEM 609 - CURB, TYPE 6, AS PER PLAN
7. ITEM 659 - SEEDING AND MULCHING
8. ITEM 607- FENCE, MISC. : WOOD BIKE RAILING
9. EXISTING ROADWAY MATERIALS



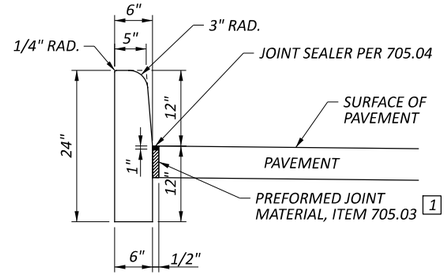
SHARED USE PATH - NORMAL SECTION

STA. 111+94.00 TO STA. 113+13.00



SHARED USE PATH - NORMAL SECTION

STA 113+65.00 TO STA 115+13.00



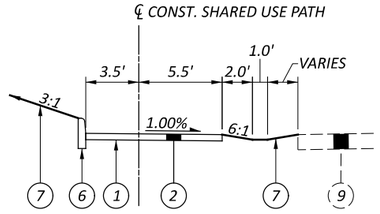
NOTES

JOINTS: 1" EXPANSION JOINTS SHALL EXTEND UP TO THE TOP OF THE CURB AND SHALL BE CONSTRUCTED IN THE CURB AND GUTTER SECTION IN SUCH A MANNER THAT THE JOINT SEAL WILL EXTEND THE FULL WIDTH OF THE GUTTER AND INTO THE CURB FACE A SUFFICIENT DISTANCE TO SEAL THE JOINT TO AN ELEVATION OF AT LEAST 2" ABOVE THE FLOW LINE OF THE GUTTER. DOWEL BARS SHALL BE USED IN THE CURB AND GUTTER SECTION AT EXPANSION JOINTS AND TO THE SURFACE OF THE PAVEMENT.

TRANSVERSE EXPANSION JOINT MATERIAL SHALL MEET THE REQUIREMENTS OF ITEM 705.03.

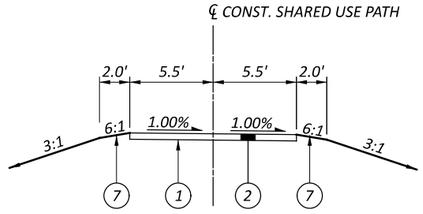
[1] EXPANSION JOINT MATERIAL AND JOINT SEALER ARE NOT REQUIRED FOR THE PORTION OF THE CURB THAT IS ADJACENT TO A FLEXIBLE PAVEMENT TYPE. BOTH MATERIALS ARE REQUIRED, AS DETAILED, FOR THE FULL HEIGHT OF RIGID PAVEMENT AND CONCRETE BASES.

ITEM 609 - CURB, TYPE 6, AS PER PLAN



SHARED USE PATH - NORMAL SECTION

STA 113+25.00 TO STA 113+65.00
STA 114+35.00 TO STA 115+13.00



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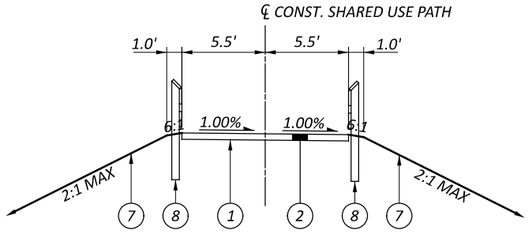

SHARED USE PATH - NORMAL SECTION

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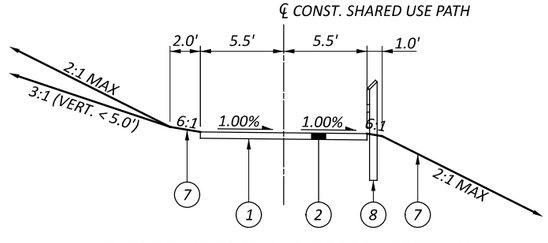

SHARED USE PATH - NORMAL SECTION

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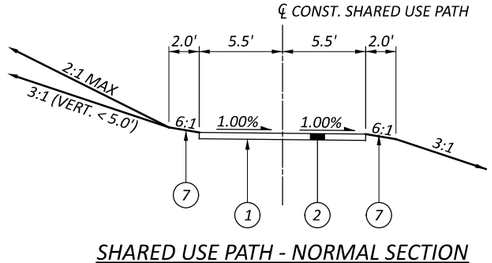

SHARED USE PATH - NORMAL SECTION

STA 303+50.00 TO STA 304+36.25

TYPICAL SECTIONS

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 2 TOTAL 51

GAL-MERC-SUP

MODEL: Sheet PAPERSIZE: 17X11 (in.) DATE: 2/17/2026 TIME: 12:32:31 PM USER: ehimes
X:\Projects\2024\24428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_GY001.dgn

UTILITIES

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

BUCKEYE RURAL ELECTRIC
4848 STATE ROUTE 325
RIO GRANDE, OH 45674
CONTACT: STEVE ELLIOTT
PHONE: 740-379-2080

GALLIA RURAL WATER
308 BURNETT ROAD
GALLIPOLIS, OH 45631
CONTACT: BRUCE LUCAS
PHONE: 740-446-9221

AT&T
160 NORTH SIXTH STREET
ZANESVILLE, OH 43701
CONTACT: BARRETT TAMASOVICH
PHONE: 740-454-3552

HORIZON
1123 GOODALE BLVD., SUITE 550
COLUMBUS, OH 43212
CONTACT: ROGER STEELE JR.
PHONE: 740-804-7333

GALLIA COUNTY COMMISSIONERS
18 LOCUST STREET, ROOM 1292
GALLIPOLIS, OH 45631
CONTACT: THOMAS DILLON (SANITARY DEPT.)
PHONE: 740-645-5359

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SEEDING AND MULCHING

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

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	100 CY
659, SEEDING AND MULCHING	2935 SY
659, REPAIR SEEDING AND MULCHING	250 SY
659, INTER-SEEDING	250 SY
659, COMMERCIAL FERTILIZER	0.30 TON
659, LIME	0.75 ACRE
659, WATER	20 MGAL

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.

ENDANGERED BAT HABITAT REMOVAL

THIS 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 UNDER THIS 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 (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

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 2 M. GAL.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

CAREFULLY REMOVE AND STORE ALL CASTINGS WITHIN THE RIGHT OF WAY FOR SALVAGE BY TOWNSHIP FORCES.

PAYMENT FOR ALL OF THE ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

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.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

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

ITEM 605, AGGREGATE DRAINS 100 FT.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

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

ITEM SPECIAL - MAILBOX REMOVED AND RESET

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 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).

ITEM 625 - REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN

THIS WORK SHALL CONSIST OF REMOVAL AND REERCTION OF EXISTING LIGHT POLES ON NEW FOUNDATIONS AND REMOVAL OF EXISTING LIGHT POLE FOUNDATION

ANY EXISTING WIRE CONNECTIONS SHALL BE DISCONNECTED AT THE POLE BASE, PULLED BACK AND RECONNETED TO POLE AT NEW LOCATION. ANY NECESSARY CONNECTION KITS, CONDUIT, TRENCHING, OR OTHER ITEMS NECESSARY TO COMPLETE THE NEW CONNECTION ARE INCLUDED AS PART OF THIS ITEM.

EXISTING LIGHT POLE FOUNDATION REMOVAL WILL BE DONE IN ACCORDANCE WITH ODOT CMS SECTION 625.21.

REMOVE AND REERECT EXISTING LIGHT POLE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM 625 REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN.

ITEM 630 - REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION, AS PER PLAN

THIS WORK SHALL CONSIST OF REMOVAL AND REERECTION OF THE EXISTING "SOUTH GALLIA MIDDLE SCHOOL AND HIGH SCHOOL" SIGN, BRICK FOUNDATION, AND ASSOCIATED LANDSCAPED AREA AT A NEW LOCATION.

REMOVE AND REERECT GROUND MOUNTED MAJOR SIGN, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM 630 REMOVAL OF GROUND MOUNTED MAJOR SIGNA AND REERECTION, AS PER PLAN.

GENERAL NOTES

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 3 TOTAL 51

GAL-MERC-SUP

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630 SIGNING MISC.: SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY

THIS WORK SHALL CONSIST OF FURNISHING AND INSTALLING A SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY. THE FLASHING UNIT SHALL BE SOLAR POWERED, PEDESTRIAN ACTIVATED, AND 2-SIDED WITH TWO LED ARRAY BASED YELLOW INDICATIONS ON EACH SIDE. MULTIPLE UNITS SHALL BE WIRELESSLY CONTROLLED AND SYNCHRONIZED. THE UNIT SHALL BE COMPLIANT WITH THE MOST CURRENT OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) AND FHWA INTERIM APPROVAL FOR RRFBS (IA-21).

GENERAL REQUIREMENTS -

EACH RRFB SHALL CONSIST OF TWO RAPIDLY FLASHED RECTANGULAR-SHAPED YELLOW INDICATIONS HAVING LED ARRAY BASED LIGHT SOURCE.

EACH RRFB SHALL BE A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.).

EACH RRFB SHALL CONTAIN A PEDESTRIAN INDICATION LIGHT VISIBLE BY THE PEDESTRIAN IN THE DIRECTION OF TRAVEL.

FUNCTIONAL REQUIREMENTS -

EACH RRFB SHALL UTILIZE SOLAR POWER.

EACH RRFB SHALL BE ACTIVATED BY ADA COMPLIANT PUSHBUTTONS.

THE RRFB SHALL BE NORMALLY DARK, SHALL INITIATE OPERATION ONLY UPON PEDESTRIAN ACTUATION, AND SHALL CEASE OPERATION AFTER A PREDETERMINED TIME LIMIT (BASED ON OMUTCD PROCEDURES).

EACH REMOTE RRFB SHALL BE WIRELESSLY ACTIVATED.

ALL RRFB LIGHT INDICATIONS SHALL BE WIRELESSLY SYNCHRONIZED (ALL LIGHTS WILL TURN ON WITHIN 120 MSEC AND REMAIN SYNCHRONIZED THROUGHOUT THE DURATION OF THE FLASHING CYCLE).

THE UNIT SHALL BE CAPABLE OF RUNNING 14 DAYS WITHOUT SUNLIGHT.

MATERIALS -

FURNISH A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS, AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.). THE RRFB ASSEMBLY INCLUDES THE FOLLOWING ITEMS:

1. RRFB INDICATIONS

   A. EACH RRFB INDICATION LENS SHALL BE A MINIMUM SIZE OF APPROXIMATELY 5" WIDE X 2" HIGH.

   B. THE RRFB INDICATIONS SHALL BE ALIGNED HORIZONTALLY, WITH THE LONGER DIMENSION OF THE INDICATION HORIZONTAL. THERE SHALL BE TWO INDICATIONS ON THE FRONT AND TWO INDICATIONS ON THE BACK.

   C. EACH RRFB SHALL BE SUPPLIED WITH ALL REQUIRED HARDWARE TO INSTALL ASSEMBLY. ALL EXPOSED HARDWARE SHALL BE ANTI-VANDAL.

   D. EACH RRFB SHALL BE LOCATED BETWEEN THE BOTTOM OF THE CROSSING WARNING SIGN AND THE TOP OF THE SUPPLEMENTAL DOWNWARD DIAGONAL ARROW PLAQUE.

   E. THE LIGHT INTENSITY OF THE YELLOW INDICATIONS SHALL MEET THE MINIMUM CLASS 1 SPECIFICATIONS OF SOCIETY OF AUTOMOTIVE ENGINEERS (SAE) STANDARD J595 (DIRECTIONAL FLASHING OPTICAL WARNING DEVICES FOR AUTHORIZED EMERGENCY, MAINTENANCE, AND SERVICE VEHICLES) DATED JANUARY, 2005.

   F. TO MINIMIZE EXCESSIVE GLARE DURING NIGHTTIME CONDITIONS, AN AUTOMATIC SIGNAL DIMMING DEVICE SHALL BE USED TO REDUCE THE BRILLIANCE OF THE RRFB INDICATIONS.

   G. An LED PEDESTRIAN CONFIRMATION LIGHT DIRECTED AT AND VISIBLE TO PEDESTRIANS IN THE CROSSWALK SHALL BE INSTALLED INTEGRAL TO THE RRFB OR PUSHBUTTON TO GIVE CONFIRMATION THAT THE RRFB IS IN OPERATION.

   H. THE PEDESTRIAN CONFIRMATION LIGHT SHALL HAVE A MINIMUM AREA OF 0.5 SQUARE INCHES AND BE CONSPICUOUS TO PEDESTRIAN AT ALL DISTANCES FROM THE BEGINNING OF THE CONTROLLED CROSSWALK TO A POINT 10 FEET FROM THE END OF THE CONTROLLED CROSSWALK DURING BOTH DAY AND NIGHT.

2. SIGNS

   A. ALL SIGN ASSEMBLIES SHALL USE ANTI-VANDAL FASTENERS TO MOUNT COMPONENTS TO SIGN AND SIGN TO FIXTURE.

   B. PEDESTRIAN PUSHBUTTONS SIGNS SHALL BE PROVIDED AND INCLUDE THE LEGEND "PUSH BUTTON TO TURN ON WARNING LIGHTS". SIGNS SHOULD BE MOUNTED ADJACENT TO OR INTEGRAL WITH EACH PEDESTRIAN PUSHBUTTON.

   C. TWO SETS OF SIGNS SHALL BE REQUIRED PER UNIT FOR VIEW FROM EACH APPROACH.

   D. ASSURE SIGN MEETS THE REQUIREMENTS OF C&MS 630.

3. CONTROL CIRCUIT

   A. THE CONTROL CIRCUIT SHALL HAVE THE CAPABILITY OF INDEPENDENTLY FLASHING UP T TWO INDEPENDENT OUTPUTS. THE LED LIGHT OUTPUTS AND FLASH PATTERN SHALL BE COMPLETELY PROGRAMMABLE.

   B. THE CONTROL CIRCUIT SHALL BE SEALED WATERTIGHT TO ELIMINATE DIRT CONTAMINATION AND ALLOW FOR SAFE HANDLING IN ALL WEATHER CONDITIONS.

   C. THE LEDS SHALL BE SEALED AGAINST DUST AND MOISTURE INTRUSION AS PER THE REQUIREMENTS OF NEMA STANDARD 250-1991 FOR TYPE 4 ENCLOSURE AND TO PROTECT ALL INTERNAL LED AND ELECTRICAL COMPONENTS.

4. BATTERY AND SOLAR PANELS

   A. BATTERY UNIT SHALL BE A 12VDC, 35 AHR MINIMUM, SEALED GEL OR AGM LEAD ACID BATTERY. BATTERIES SHALL HAVE A WRITTEN TWO YEAR FULL REPLACEMENT WARRANTY.

   B. THE SOLAR PANEL SHALL PROVIDE A MINIMUM OF 40 WATTS PEAK TOTAL OUTPUT.

   C. THE SOLAR PANEL SHALL BE MOUNTED TO AN ALUMINUM PLATE AND BRACKET AT AN ANGLE OF 45 DEGREES - 60 DEGREES TO PROVIDE MAXIMUM OUTPUT.

   D. ALL FASTENERS USED SHALL BE ANTI-VANDAL.

5. WIRELESS RADIO

   A. RADIO CONTROL SHALL OPERATE ON A 900 MHZ FREQUENCY HOPPING SPREAD SPECTRUM NETWORK, WI-FI OR APPROVED EQUAL.

   B. RADIO SHALL INTEGRATE COMMUNICATION OF RRFB CONTROL CIRCUIT TO ACTIVATE SIGN FROM PUSHBUTTON INPUT.

   C. THE RADIO SHALL BE SYNCHRONIZED SO ALL OF THE REMOTE RRFB LIGHT INDICATIONS WILL TURN ON WITHIN 120 MSEC OF EACH OTHER AND REMAIN SYNCHRONIZED THROUGH-OUT THE DURATION OF THE FLASHING CYCLE.

6. PUSHBUTTON

   A. THE PUSHBUTTON SHALL BE CAPABLE OF CONTINUOUS OPERATION OVER A TEMPERATURE RANGE OF -30 DEGREES F TO +165 DEGREES F.

   B. PUSHBUTTON SHALL BE ADA COMPLIANT.

7. PEDESTAL SHAFT AND BASE - MOUNT ON A STANDARD 4.5-INCH OD ALUMINUM PEDESTAL POLE WITH BREAKAWAY BASE. A 14 FOOT POLE SHALL BE PROVIDED AND FIELD ADJUSTED AND CAPPED TO MAINTAIN THE PROPER SIGN MOUNTING HEIGHTS, UNLESS SPECIFIED OTHERWISE IN THE PLANS. POLE AND BASE MANUFACTURER SHALL BE LISTED ON ODOT'S QUALIFIED PRODUCTS LIST.

CONSTRUCTION -

THE RRFB SHALL BE ASSEMBLED AND CONSTRUCTED BY THE CONTRACTOR AS SHOWN AND SPECIFIED ON THE PLANS.

WARRANTY -

WARRANTY SHALL BE TWO YEARS FROM THE DATE OF FINAL ACCEPTANCE.

MEASUREMENT -

THE DEPARTMENT WILL MEASURE THE ITEM COMPLETE IN PLACE, INCLUDING ALL MATERIALS, TESTING, LABOR AND SOFTWARE FOR A FULLY FUNCTIONAL UNIT.

PAYMENT -

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE PER EACH FOR ITEM 630 "SIGNING MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY".

SURVEY CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION	ALIGNMENT	STATION	OFFSET
SV1	240661.89	2031775.29	763.06	IRON PIN W/CAP	MERCERVILLE RD.	96+24.77	40.58' RT
SV2	240947.65	2033229.27	744.99	IRON PIN W/CAP	MERCERVILLE RD.	111+16.04	52.50' RT
SV3	240909.84	2033546.59	751.23	IRON PIN W/CAP	MERCERVILLE RD.	114+22.97	132.76' RT
SV4	241072.70	2034031.05	774.71	IRON PIN	STATION ST.	203+45.02	16.82' RT
SV5	241040.51	2034223.10	774.93	IRON PIN W/CAP	STATION ST.	205+33.36	66.31' RT
					CONNECTOR PATH	300+70.01	11.79' RT

GENERAL NOTES

GAL-MERC-SUP

MODEL: SH2 - General Notes [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:37 PM USER: ehimes
X:\Projects\2024\24268\3\15400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_GN001.dgn

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 4 TOTAL 51

ITEM 614 – MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

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.

Addendum #1
02/17/2026

DRIVEWAY ACCESS

THE CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS TO THE FULLEST EXTENT POSSIBLE. IT IS UNDERSTOOD THAT FOR SHORT PERIODS OF TIME, THE FULL ACCESS TO DRIVEWAYS MAY NOT BE POSSIBLE. THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO THE RESIDENT OR BUSINESS SO THAT DURING THESE SHORT INTERVALS, THE HOME OR BUSINESS OWNER CAN STILL HAVE ACCESS TO PARK NEAR THEIR RESIDENCE OR BUSINESS.

PROPERTIES WITH MULTIPLE ACCESS POINTS: WORK AT ONE DRIVE AT A TIME. PROPERTIES WITH A SINGLE ACCESS POINT: MAINTAIN ACCESSES TO PROPERTY AT ALL TIMES USING ONE OF THE FOLLOWING METHODS: REPLACE DRIVEWAY USING PART WIDTH CONSTRUCTION, BACKFILL OPEN EXCAVATION WITH 304.02 AGGREGATE FOR TEMPORARY ACCESSES, OR USE STEEL PLATES TO SPAN OPEN EXCAVATIONS. BEFORE ACCESS TO A DRIVEWAY IS INTERRUPTED, THE CONTRACTOR SHALL GIVE PRIOR NOTICE TO THE OCCUPANT OF THE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT US MAIL OR ANY OTHER DELIVERY WITHIN THE PROJECT LIMITS IS NOT DISRUPTED BY CONSTRUCTION OPERATIONS.

MAINTAINING BUSINESS ACCESS

THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES TO THE FULLEST EXTENT POSSIBLE. IT IS UNDERSTOOD THAT FOR SHORT PERIODS OF TIME, THE FULL ACCESS TO BUSINESSES MAY NOT BE POSSIBLE. THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO THE RESIDENT OR BUSINESS SO THAT DURING THESE SHORT INTERVALS, THE BUSINESS OWNER CAN STILL HAVE ACCESS TO ENTER THE BUSINESS.

PROPERTIES WITH A SINGLE ACCESS POINT: MAINTAIN ACCESSES TO PROPERTY AT ALL TIMES USING ONE OF THE FOLLOWING METHODS: TEMPORARY STONE BASE ON GROUND, OR PLYWOOD GANGWAYS ACROSS BARE GROUND TO A BUILDINGS DOOR. BEFORE ACCESS TO A BUSINESS IS INTERRUPTED, THE CONTRACTOR SHALL GIVE PRIOR NOTICE TO THE OCCUPANT OF THE PROPERTY.

SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	7	8	46	47									01/ENH		EXT	TOTAL			
																		ROADWAY	
													LS	201	11000	LS		CLEARING AND GRUBBING	
	93												93	202	23000	93	SY	PAVEMENT REMOVED	
	18												18	202	32000	18	FT	CURB REMOVED	
	1,412												1,412	202	35100	1,412	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
	28												28	202	35200	28	FT	PIPE REMOVED, OVER 24" DIAMETER	
	5												5	202	58100	5	EACH	CATCH BASIN REMOVED	
	104												104	202	75000	104	FT	FENCE REMOVED	
													456	203	10000	456	CY	EXCAVATION	
													1,285	203	20000	1,285	CY	EMBANKMENT	
	2,135												2,135	204	10000	2,135	SY	SUBGRADE COMPACTION	
													2	204	45000	2	HOUR	PROOF ROLLING	
	410												410	607	98000	410	FT	FENCE, MISC.: WOOD BIKE RAILING	1
	17,257												17,257	608	12000	17,257	SF	5" CONCRETE WALK	
	1,051												1,051	608	15000	1,051	SF	8" CONCRETE WALK	
	921												921	608	52000	921	SF	CURB RAMP	
	169												169	608	53020	169	SF	DETECTABLE WARNING	
	424												424	609	26000	424	FT	CURB, TYPE 6	
	118												118	609	26001	118	FT	CURB, TYPE 6, AS PER PLAN	2
	15												15	SPECIAL	69050350	15	EACH	MAILBOX REMOVED AND RESET	3
	2												2	SPECIAL	69050610	2	EACH	BOLLARD, HINGED	1
																		EROSION CONTROL	
2													2	659	00100	2	EACH	SOIL ANALYSIS TEST	
100													100	659	00300	100	CY	TOPSOIL	
2,935													2,935	659	10000	2,935	SY	SEEDING AND MULCHING	
250													250	659	14000	250	SY	REPAIR SEEDING AND MULCHING	
250													250	659	15000	250	SY	INTER-SEEDING	
0.3													0.3	659	20000	0.3	TON	COMMERCIAL FERTILIZER	
0.75													0.75	659	31000	0.75	ACRE	LIME	
22													22	659	35000	22	MGAL	WATER	
													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	
													19,350	832	30000	19,350	EACH	EROSION CONTROL	
																		DRAINAGE	
		32											32	601	32100	32	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	
		20											20	602	20000	20	CY	CONCRETE MASONRY	
		134											134	605	06000	134	FT	4" BASE PIPE UNDERDRAINS	
100													100	605	31100	100	FT	AGGREGATE DRAINS	
		10											10	611	00410	10	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	
		24											24	611	04600	24	FT	12" CONDUIT, TYPE C	
		5											5	611	05900	5	FT	15" CONDUIT, TYPE B	
		115											115	611	06100	115	FT	15" CONDUIT, TYPE C	
		328											328	611	07400	328	FT	18" CONDUIT, TYPE B	
		235											235	611	07600	235	FT	18" CONDUIT, TYPE C	
		95											95	611	10400	95	FT	24" CONDUIT, TYPE B	
		804											804	611	10600	804	FT	24" CONDUIT, TYPE C	
		27											27	611	13400	27	FT	30" CONDUIT, TYPE B	
		53											53	611	34000	53	FT	120" CONDUIT, TYPE A	

GENERAL SUMMARY

GAL-MERC-SUP

MODEL: GenSum SH1 PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:40 PM USER: ehimes
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DESIGN AGENCY

DLZ

DESIGNER	EMH
REVIEWER	CAM 11/17/25
PROJECT ID	120712
SHEET	5
TOTAL	51

SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	7	8	46	47									01/ENH						
																		DRAINAGE (CONT.)	
		2											2	611	98180	2	EACH	CATCH BASIN, NO. 3A	
		1											1	611	98370	1	EACH	CATCH BASIN, NO. 6	
		3											3	611	98470	3	EACH	CATCH BASIN, NO. 2-2B	
		5											5	611	98510	5	EACH	CATCH BASIN, NO. 2-3	
		1											1	611	99574	1	EACH	MANHOLE, NO. 3	
		1											1	611	99660	1	EACH	MANHOLE RECONSTRUCTED TO GRADE	
																		PAVEMENT	
	24												24	304	20000	24	CY	AGGREGATE BASE	
	27												27	411	10000	27	CY	STABILIZED CRUSHED AGGREGATE	
	8												8	441	70000	8	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (3")	
																		TRAFFIC CONTROL	
			215										215	630	03100	215	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
			14										14	630	08520	14	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
			3										3	630	08600	3	EACH	SIGN POST REFLECTOR	
			107										107	630	80100	107	SF	SIGN, FLAT SHEET	
			10										10	630	84900	10	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
			2										2	630	85100	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
			8										8	630	86002	8	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
			1										1	630	86010	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
			2										2	630	97700	2	EACH	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY	4
				23									23	642	00500	23	FT	STOP LINE, TYPE 1	
				194									194	642	00620	194	FT	CROSSWALK LINE, 12", TYPE 1	
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													4	619	16010	4	MNTH	FIELD OFFICE, TYPE B	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

GAL-MERC-SUP

MODEL: GenSum SH2 PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:42 PM USER: ehimes
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DESIGN AGENCY

DLZ

DESIGNER ABS

REVIEWER EMH 08/15/25

PROJECT ID 120712

SHEET 6 TOTAL 51

REF NO.	SHEET NO.	STATION TO STATION			202 PAVEMENT REMOVED	202 CURB REMOVED	202 PIPE REMOVED, 24" AND UNDER	202 PIPE REMOVED, OVER 24"	202 CATCH BASIN REMOVED	202 FENCE REMOVED	204 SUBGRADE COMPACTION	304 AGGREGATE BASE	441 STABILIZED CRUSHED AGGREGATE	441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22+	607 FENCE, MISC.: WOOD BIKE RAILING	608 5" CONCRETE WALK	608 8" CONCRETE WALK	608 CURB RAMP	608 DETECTABLE WARNING	609 CURB, TYPE 6	609 CURB, TYPE 6, AS PER PLAN	SPECIAL MAILBOX REMOVED AND RESET	SPECIAL BOLLARD, HINGED		
			TO		SY	FT	FT	FT	EACH	FT	SY	CY	CY	CY	FT	SF	SF	SF	SF	FT	FT	EACH	EACH		
R-01	10	10+82.02		13+07.49			201		1																
C-01	10	10+15.52		12+92.70	62	18						15.39		5.13						277					
CR-01	10	10+24.00		10+45.84							24							219	31						
W-01	10	10+45.84		13+11.10							291					2617									
R-02	11	100+22.40		103+55.42			333		1																
R-03	11	103+55.42		106+64.15			308		1																
W-02	11	100+46.48		108+30.33							714					6427									
MB-01	11	100+37.07																				1			
MB-02	11	102+93.71																				1			
R-04	12	106+64.15		108+32.00			168		1																
MB-03	12	104+58.38																				1			
MB-04	12	107+90.23																				1			
R-05	13	109+67.00		110+49.74			83																		
R-06	13	110+61.58		110+63.18				28																	
R-07	13	111+45.38		111+84.00			39																		
C-02	13	111+74.02		133+13.13	31							8.22		2.74						147					
CR-02	13	111+39.59		111+51.66							10							91	16						
CR-03	13	111+77.13		111+94.01							13							117	17						
W-03	13	109+10.91		111+39.59							203					1287	543								
W-04	13	111+94.01		115+28.47							319					2367	508								
DW-01	13	109+72.19		110+40.00									18.35												
MB-05	13	108+19.93		108+23.48																		2			
MB-06	13	110+30.43		110+41.74																		1			
MB-07	13	111+91.95		111+96.60																		2			
R-08	14	112+11.00		113+83.67			173																		
R-09	14	113+83.67		114+85.69			102		1																
C-03	14	113+25.00		113+65.00																	40				
C-04	14	114+35.00		115+13.00																	78				
CR-04	14	115+28.47		115+51.02							14							127	32						
CR-05	14	115+36.41		115+65.88							26							237	53						
DW-02	14	109+10.91		110+40.00									7.73												
MB-08	14	112+01.63																				1			
MB-09	14	113+56.24		113+61.33																		3			
MB-10	14	114+93.32		114+96.23																		2			
R-10	15	200+18.29		200+19.54			5																		
CR-06	15	200+10.78		200+24.89							14							130	20						
W-05	15	200+24.89		200+81.67							65					585									
R-12	17	300+77.57		301+81.11						104															
W-06	17	300+69.53		304+36.25							442					3974									
BR-01	17	300+90.00		302+50.00											165										
BR-02	17	301+00.00		303+50.00											245										
SB-01	17	300+80.00																					1		
SB-02	17	304+30.74																					1		
TOTALS CARRIED TO GENERAL SUMMARY					93	18	1412	28	5	104	2135	24	27	8	410	17257	1051	921	169	424	118	15	2		

ROADWAY SUBSUMMARY

GAL-MERC-SUP

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:43 PM USER: ehines
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_GS001.dgn

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 7 TOTAL 51

DRAINAGE SUBSUMMARY

REFERENCE NUMBER			SHEET NO.	STATION TO STATION			SIDE	601 ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	602 CONCRETE MASONRY	605 4" BASE PIPE UNDERDRAINS	611 4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	611 12" CONDUIT, TYPE C	611 15" CONDUIT, TYPE B	611 15" CONDUIT, TYPE C	611 18" CONDUIT, TYPE B	611 18" CONDUIT, TYPE C	611 24" CONDUIT, TYPE B	611 24" CONDUIT, TYPE C	611 30" CONDUIT, TYPE B	611 120" CONDUIT, TYPE A	611 CATCH BASIN, NO. 3A	611 CATCH BASIN, NO. 6	611 CATCH BASIN, NO. 2-2B	611 CATCH BASIN, NO. 2-3	611 MANHOLE, NO. 3	611 MANHOLE RECONSTRUCTED TO GRADE		
	TO				TO			CY	CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH		
D-01		D-02	10	10+82.01		11+15.00	LT/RT									35											1		
D-02		D-02A	10	11+15.00		12+35.00	LT/RT									121					1								
D-02A		D-03	10	12+35.00		100+28.20	RT									79					1								
D-03		D-04	11	100+28.20		103+55.00	RT											327							1				
D-04		D-05	11	103+55.00		104+87.35	RT											132							1				
D-05		D-06	12	104+87.35		106+64.09	RT											177							1				
D-06		DE-07	12	106+64.09		108+32.00	RT											168							1				
DE-08		D-07	13	109+67.00		110+61.58	RT										95												
PIO		D-07	13	110+60.58		110+61.58	LT/RT		1.30			15																	
D-07		DE-09	13	110+61.58		110+63.18	RT													27					1				
D-07		D-08	13	110+61.58		111+85.50	LT/RT								124											1			
D-09		D-08	13	111+85.21		111+85.50	LT/RT					9										1							
UD-1			13	111+76.25		111+85.21	LT/RT			12	5																		
UD-2			13	111+85.21		113+13.08	RT			122	5																		
D-08		D-10	13	111+85.50		113+89.41	LT/RT								204									1					
D-10		D-11	14	113+89.41		114+85.65	RT							96										1					
CC		D-12	15	200+18.92		200+19.31	RT						5																
D-12		PIO	15	200+19.31		200+19.92	RT							19										1					
10' CULVERT			44	302+03.28		302+43.23	LT/RT	32	17.86												53								
TOTALS CARRIED TO GENERAL SUMMARY								32	20.00	134	10	24	5	115	328	235	95	804	27	53	2	1	3	5	1	1		

GAL-MERC-SUP

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:44 PM USER: ehimes
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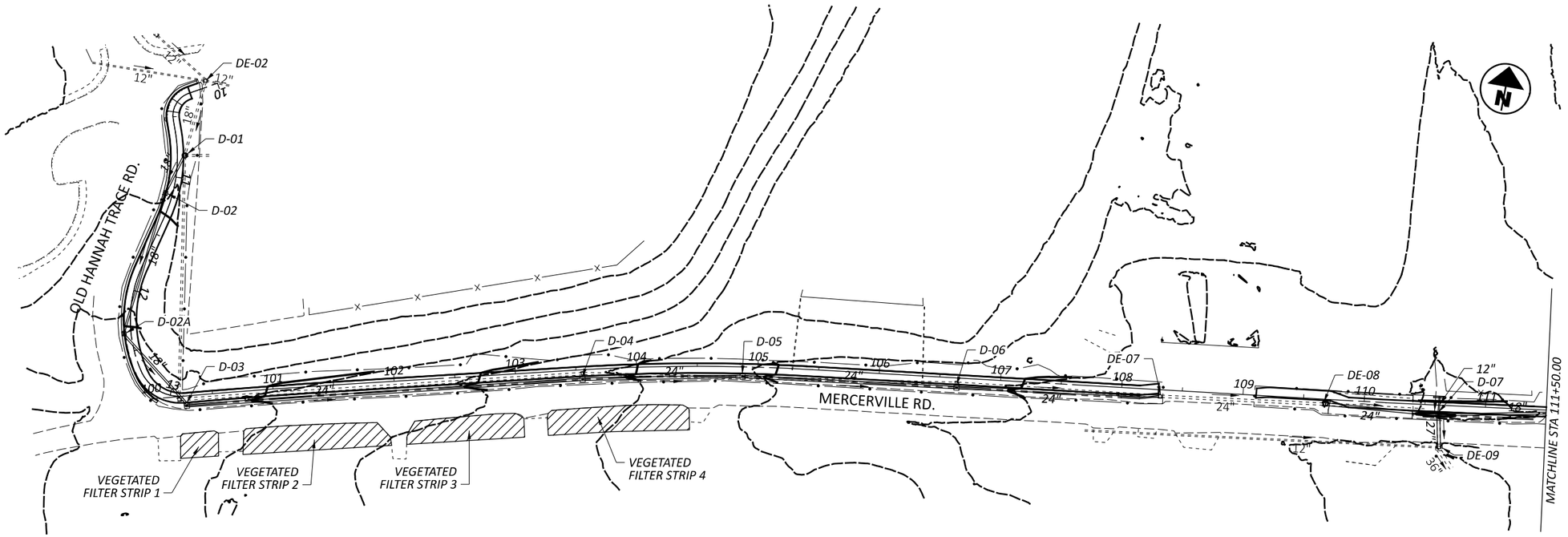
DESIGN AGENCY
DLZ

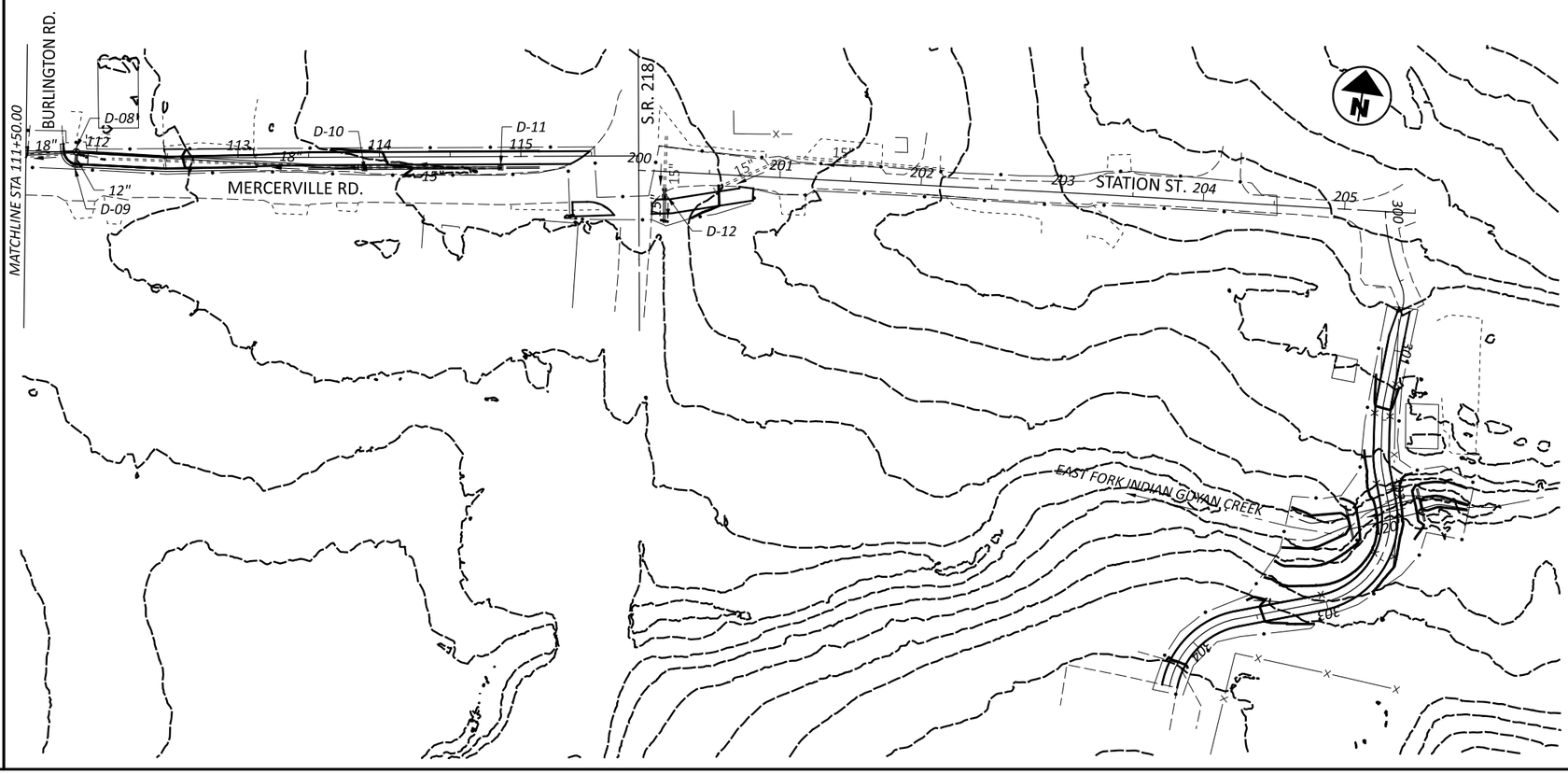
DESIGNER
EMH

REVIEWER
CAM 11/17/25

PROJECT ID
120712

SHEET 8 TOTAL 51





EXISTING ELEVATION DATA

2021 OGRIPS LIDAR DATA
TILE NUMBERS :

BS20310241	BS20310240
BS20320241	BS20320240
BS20330241	BS20330240

LATTITUDE : 38°39'41"
LONGITUDE : -82°16'14"

* LATITUDE AND LONGITUDE TO APPROXIMATE CENTER OF PROJECT.

LEGEND

- EX. CATCH BASIN OR INLET
- PROP. CB-2-2B, CB-2-3
- PROP. CB-3A, CB-6
- PROP. MH-3
- VEGETATED BIOFILTER

PROJECT DESCRIPTION

CONSTRUCTION OF A SHARED USE PATH FROM SOUTH GALLIA HIGH SCHOOL TO HANNAH TRACE ELEMENTARY. PROPOSED PATH WILL FOLLOW THE ALIGNMENTS OF OLD HANNAH TRACE ROAD, MERCERVILLE ROAD, CROSS S.R. 218, THEN USE THE PAVEMENT OF STATION STREET BEFORE FOLLOWING A NEW ALIGNMENT TO THE SOUTH AND CROSSING A STREAM BY CULVERT TO END AT HANNAH TRACE ELEMENTARY.

PROJECT DATA

PROJECT EARTH DISTURBED AREA:	1.33 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	1.58 ACRES
IMMEDIATE RECEIVING WATERS:	EAST FORK INDIAN GUYAN CREEK
SUBSEQUENT RECEIVING WATERS:	INDIAN GUYAN CREEK

BMP TYPE	BEGIN STATION	END STATION	BMP WIDTH (FT)	EDA TREATMENT CREDIT (AC)
VEGETATED FILTER STRIP 1	100+22	100+52	20	0.03
VEGETATED FILTER STRIP 2	100+71	11+94	20	0.09
VEGETATED FILTER STRIP 3	102+07	103+06	20	0.08
VEGETATED FILTER STRIP 4	103+24	104+43	20	0.10
		TREATMENT PROVIDED		0.30 AC
		TREATMENT REQUIRED		0.24 AC

HORIZONTAL SCALE IN FEET
0 25 50 100

PROJECT SITE PLAN

DESIGN AGENCY
DLZ

DESIGNER EMH
REVIEWER CAM 11/17/25
PROJECT ID 120712
SHEET 9 TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:50 PM USER: ehimes
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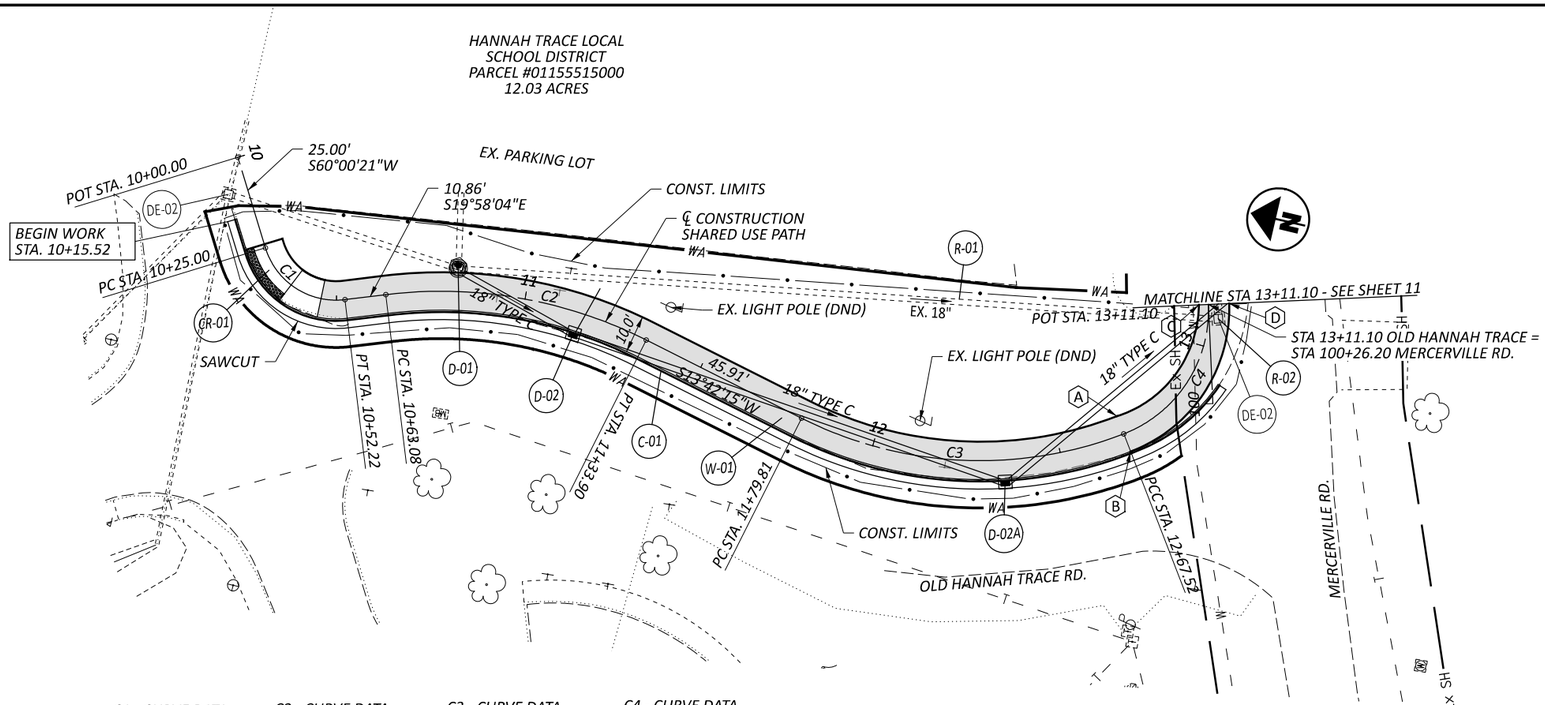


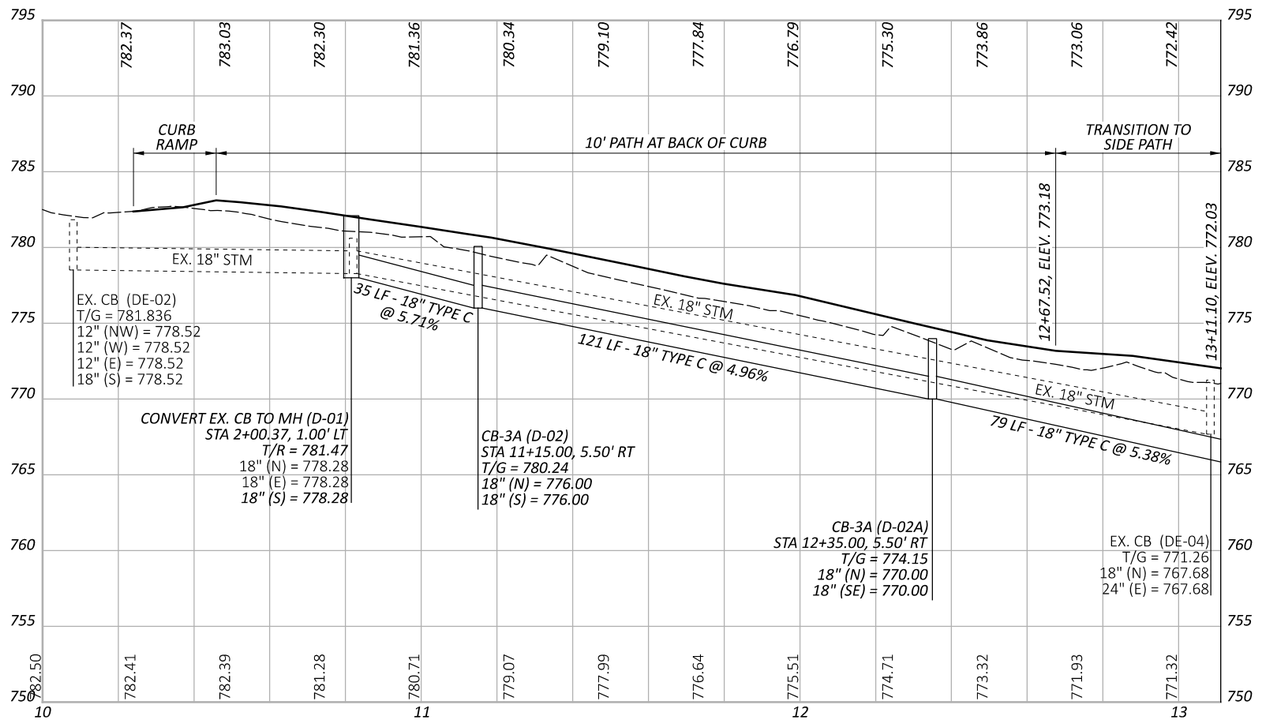
C1 - CURVE DATA
P.I. = STA. 10+41.35
Δ = 79°58'25" LT
Dc = 293°49'28"
R = 19.50'
T = 16.35'
L = 27.22'
E = 5.95'

C2 - CURVE DATA
P.I. = STA. 10+99.54
Δ = 33°40'19" RT
Dc = 47°32'54"
R = 120.50'
T = 36.46'
L = 70.82'
E = 5.4'

C3 - CURVE DATA
P.I. = STA. 12+26.40
Δ = 47°51'40" LT
Dc = 54°34'03"
R = 105.00'
T = 46.60'
L = 87.71'
E = 9.87'

C4 - CURVE DATA
P.I. = STA. 12+92.64
Δ = 71°20'37" LT
Dc = 163°42'08"
R = 35.00'
T = 25.12'
L = 43.58'
E = 8.08'

Ⓐ *STA 12+67.52, 5.00' LT*
Ⓑ *STA 12+67.52, 5.00' RT*
Ⓒ *STA 13+11.10, 2.50' LT*
Ⓓ *STA 13+11.10, 5.50' RT*



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
OLD HANNAH TRACE RD - STA. 1+00.00 TO STA. 4+37.63

DESIGN AGENCY
DLZ

DESIGNER EMH
REVIEWER CAM 11/14/25
PROJECT ID 120712
SHEET 10 TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP REV Old Hannah Trace - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:32:57 PM USER: ehimes
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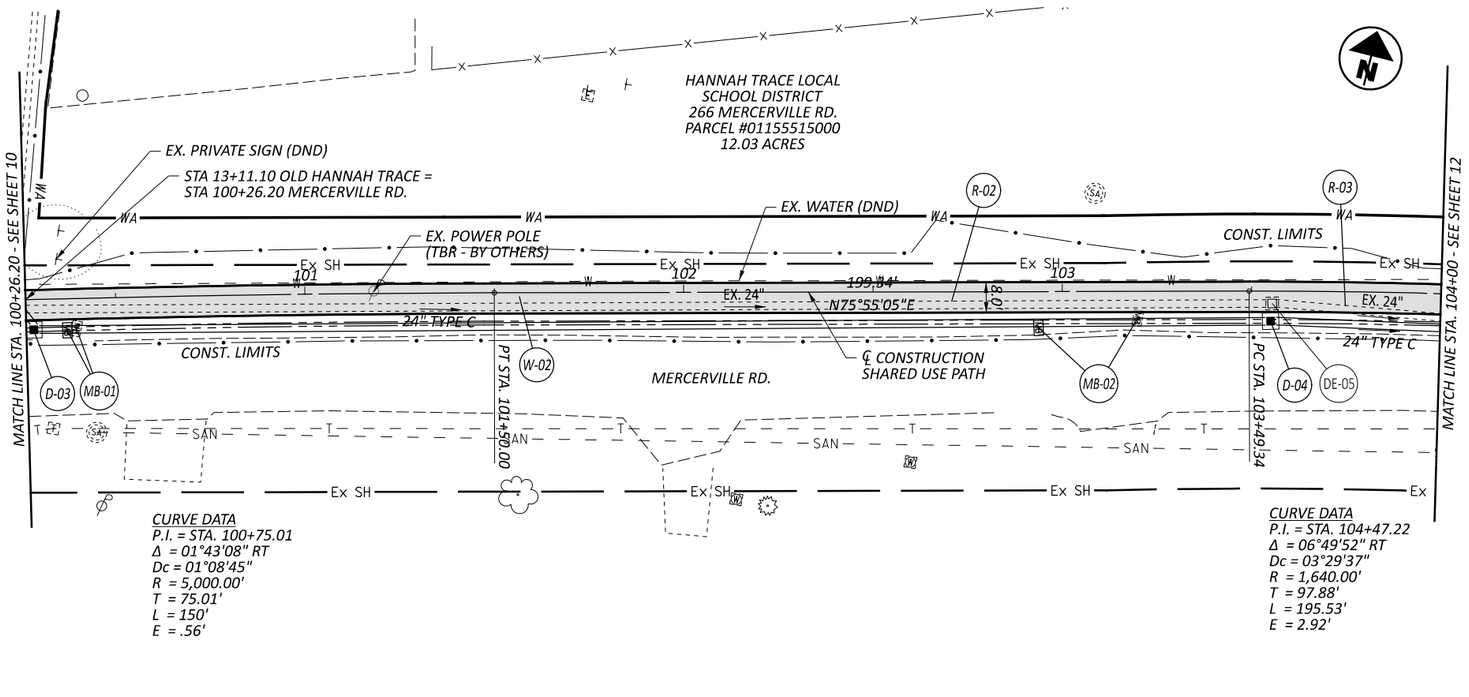
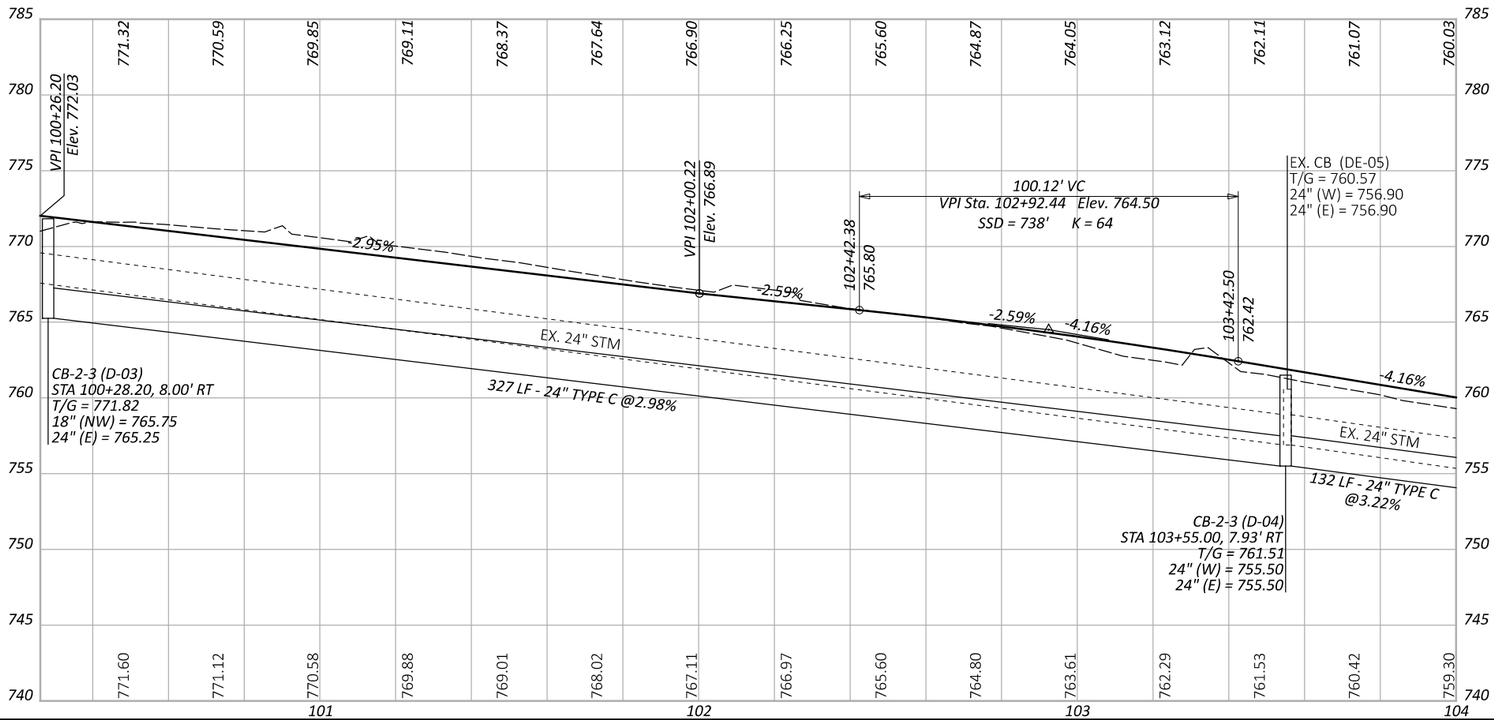




HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
MERCERVILLE RD. - STA. 100+26.20 TO STA. 104+00.00

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:01 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_GP002.dgn

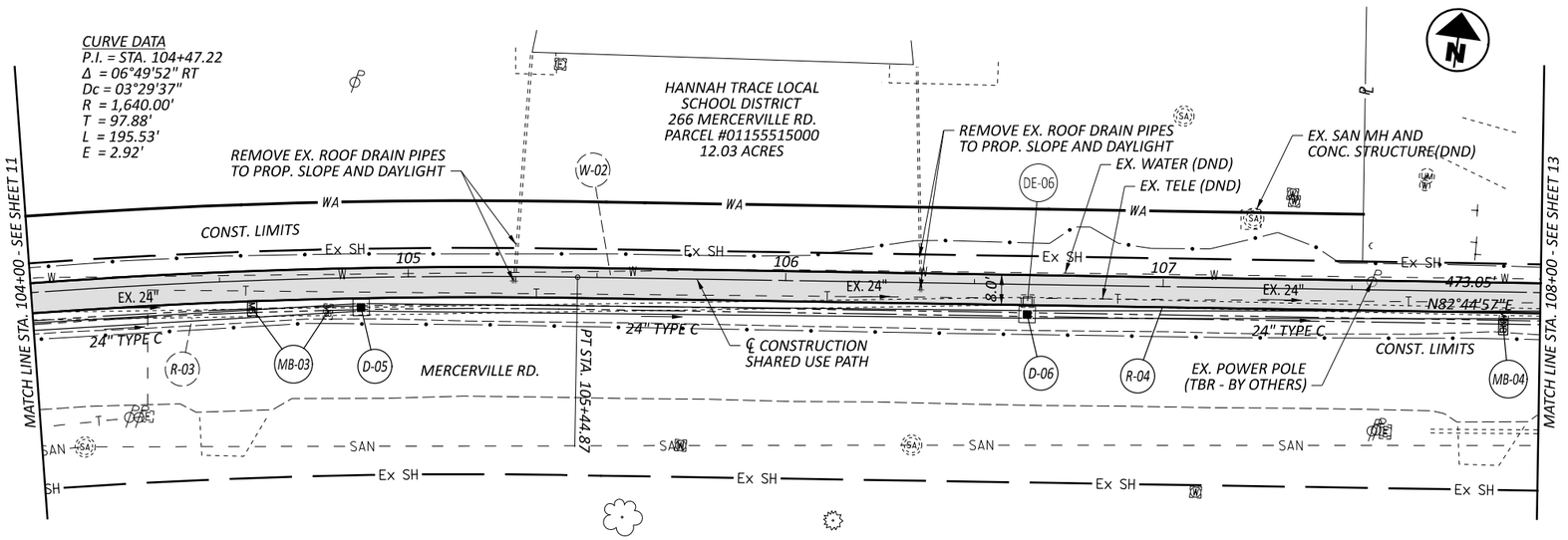
DESIGN AGENCY
DLZ

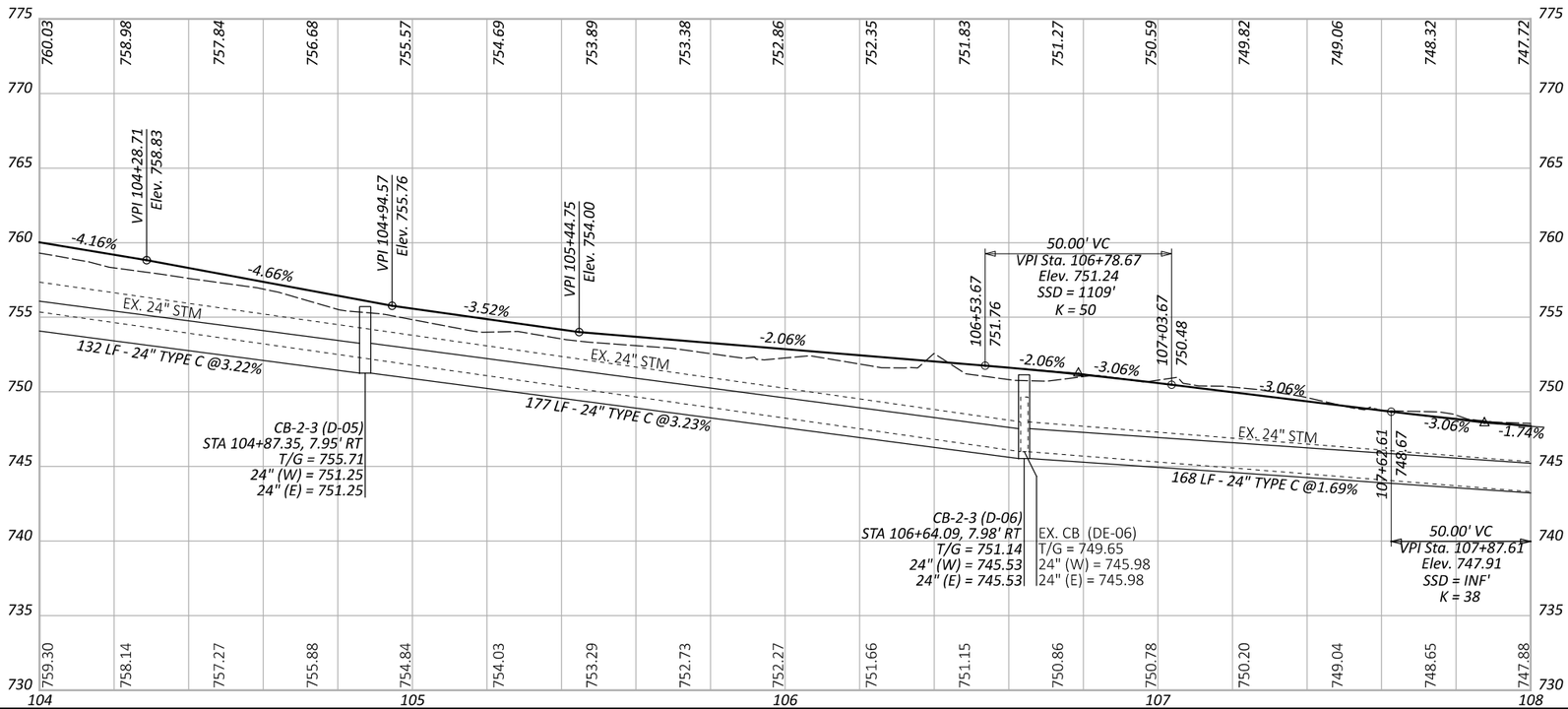
DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 11 | TOTAL 51





HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
MERCERVILLE RD. - STA. 104+00.00 TO STA. 108+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 12 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - Plan 2 [Sheet] PAPERSIZE: 17X11 (in.) DATE: 2/17/2026 TIME: 12:33:03 PM USER: ehimes
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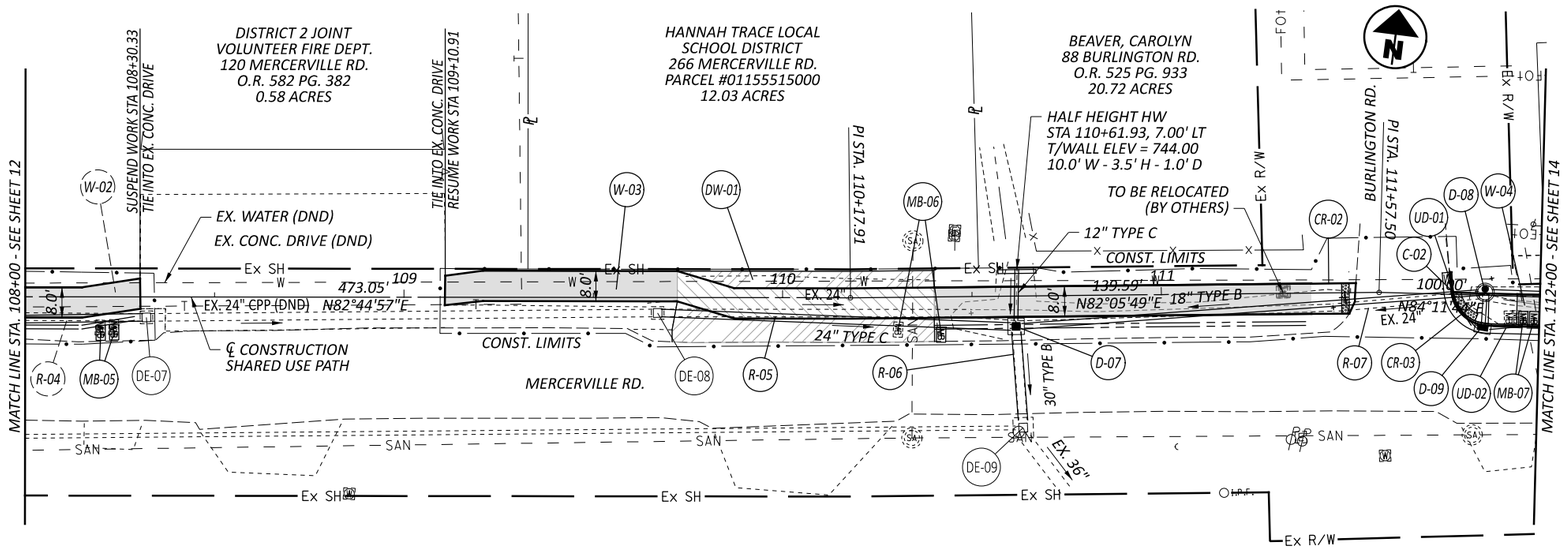

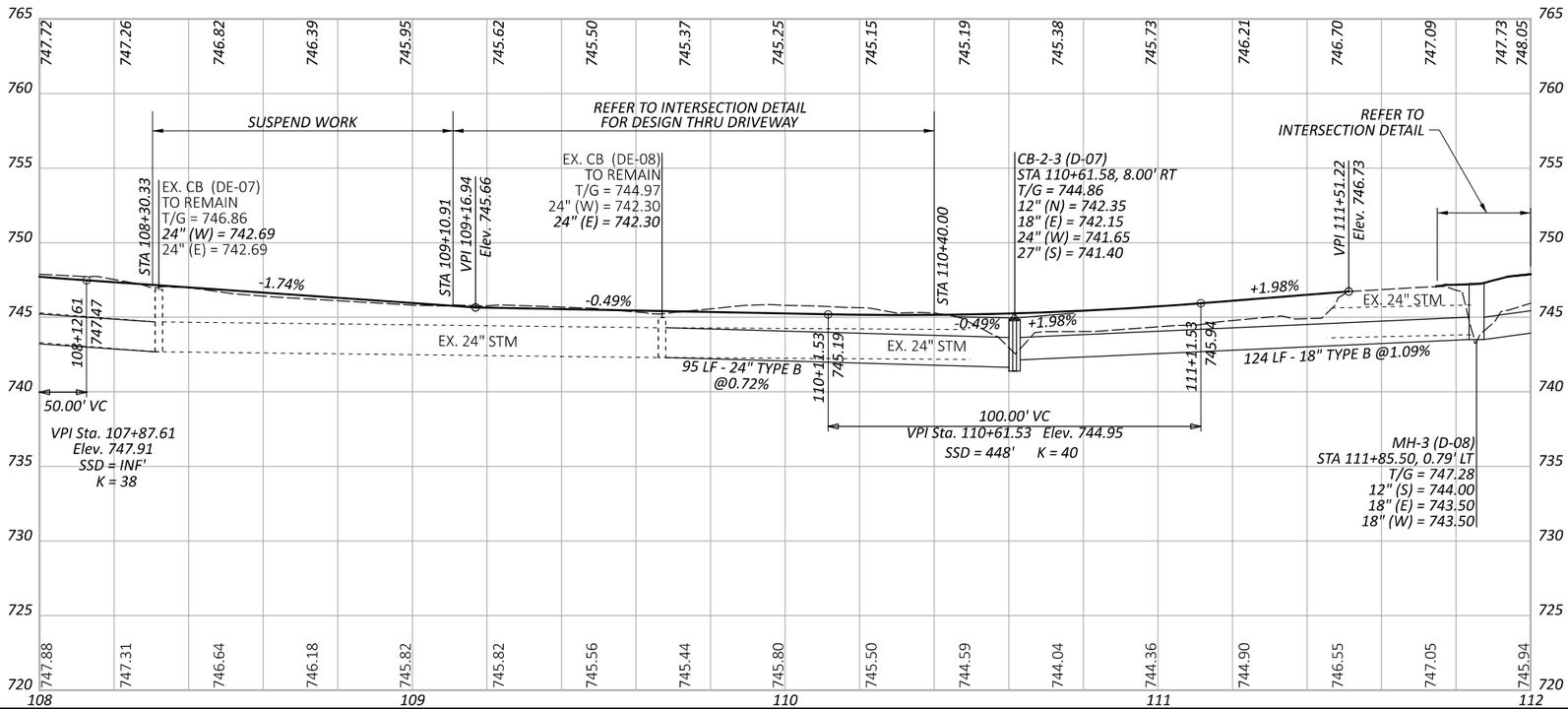

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
MERCERVILLE RD. - STA. 108+00.00 TO STA. 112+00.00

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CAM 11/14/25
PROJECT ID	120712
SHEET	13
TOTAL	51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - Plan 3 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:04 PM USER: ehimes
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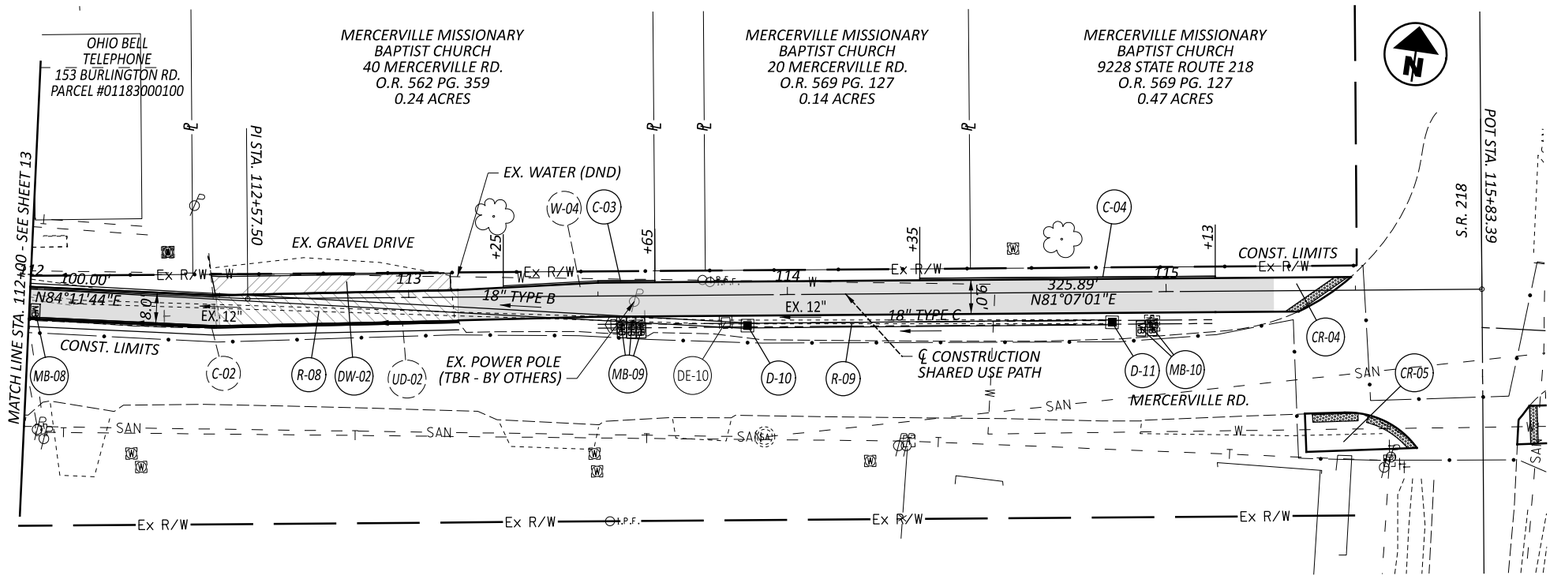

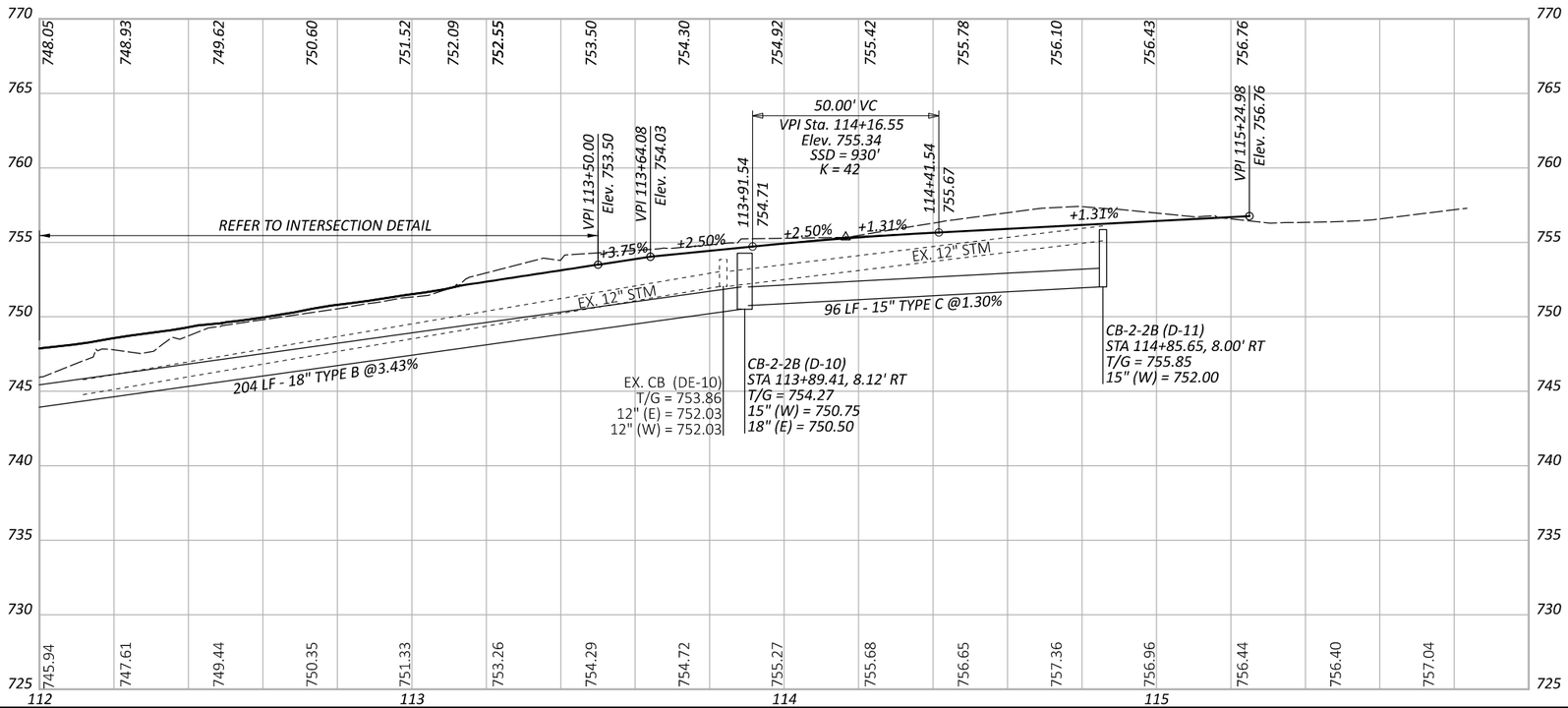

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
MERCERVILLE RD. - STA. 112+00.00 TO STA. 116+00.00

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	14
TOTAL	51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - Plan 4 [Sheet] PAPERSIZE: 17X11 (in.) DATE: 2/17/2026 TIME: 12:33:05 PM USER: ehimes
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
STATION ST. - STA. 200+00.00 TO STA. 203+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 15 TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Station St - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:09 PM USER: ehimes
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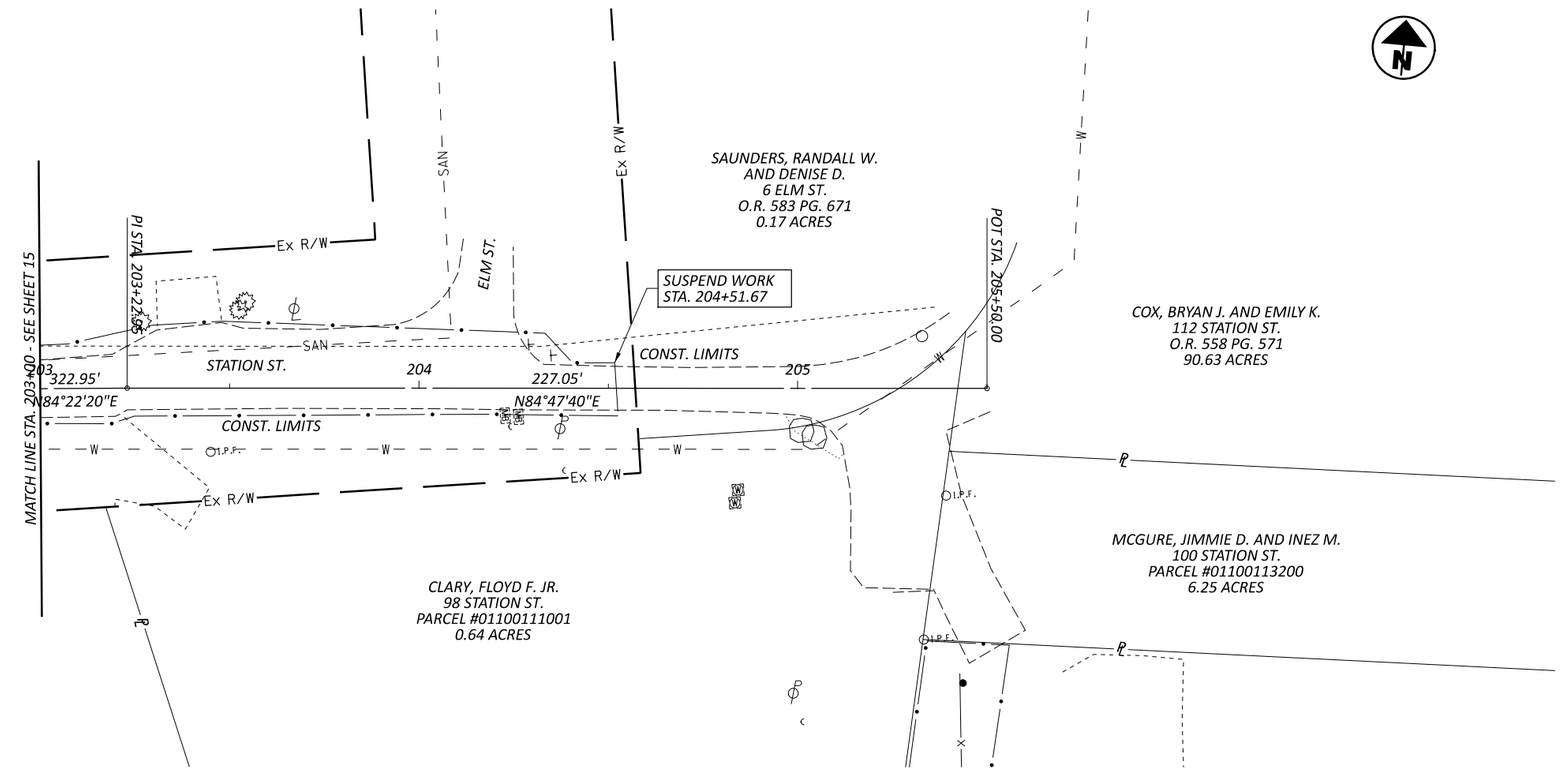

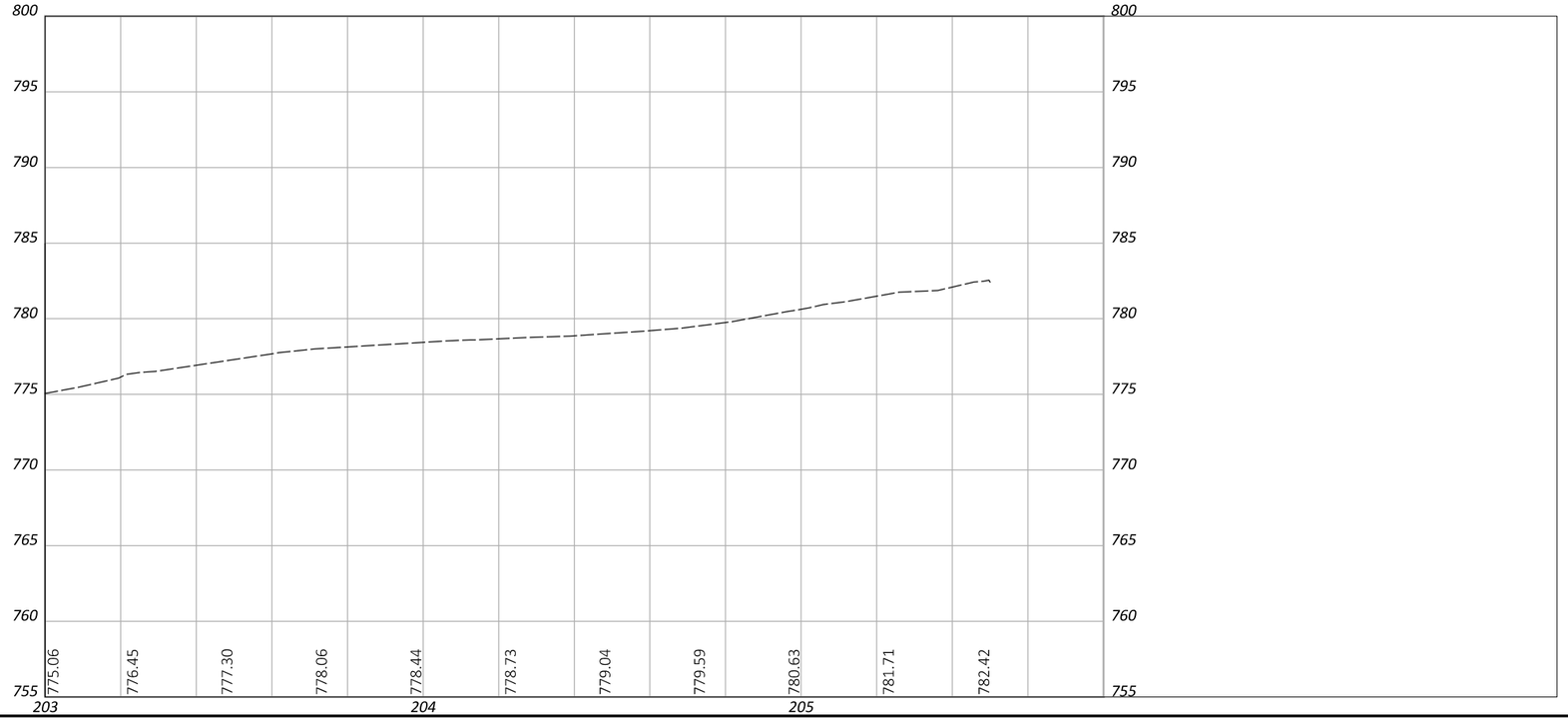

GAL-MERC-SUP

MODEL: CLP_SUP Station St - Plan 2 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:10 PM USER: ehimes
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HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
STATION ST. - STA. 203+00.00 TO STA. 205+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 16 TOTAL 51

C1 - CURVE DATA
P.I. = STA. 300+26.39
Δ = 19°41'54" LT
Dc = 36°57'54"
R = 155.00'
T = 26.91'
L = 53.29'
E = 2.32'

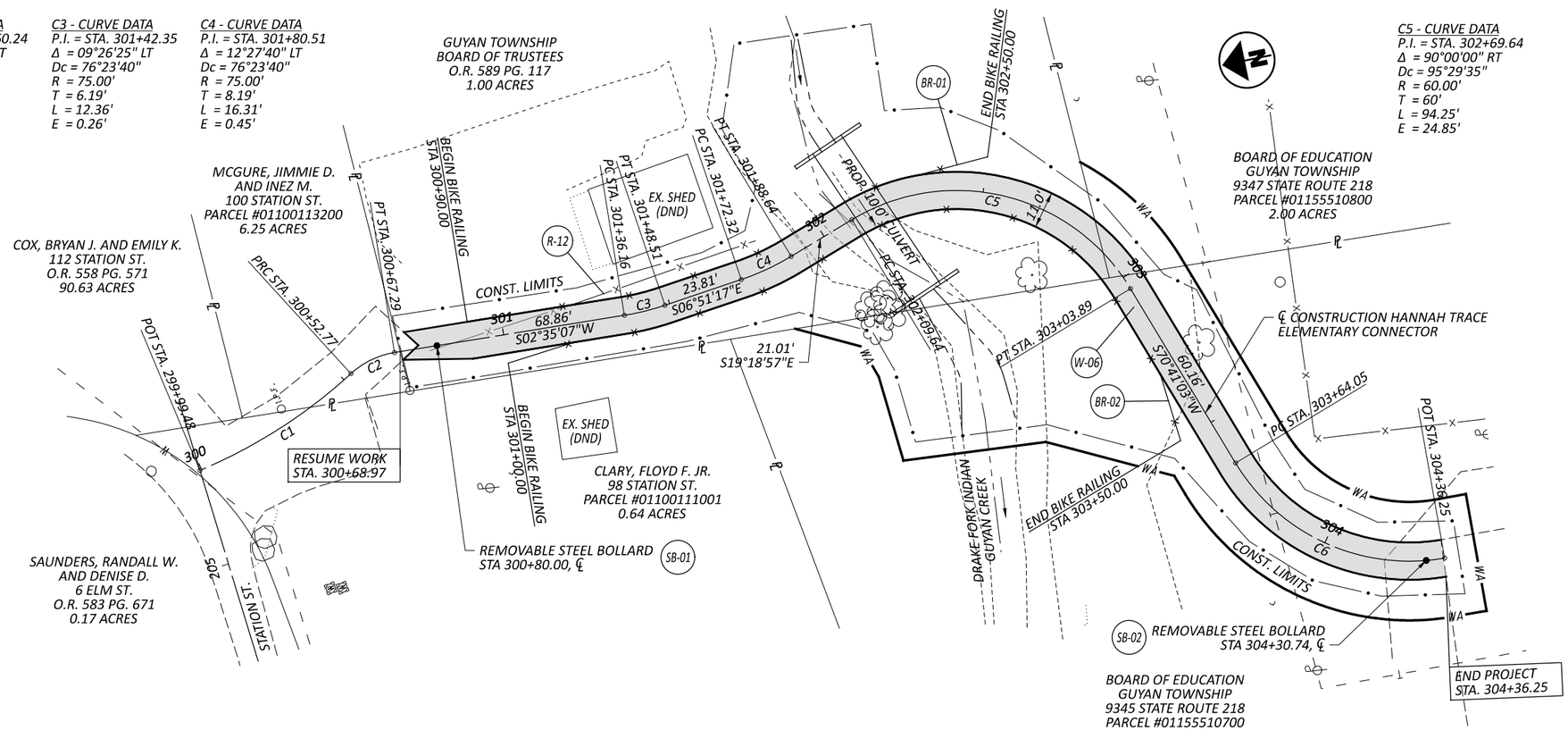
C2 - CURVE DATA
P.I. = STA. 300+60.24
Δ = 33°16'27" RT
Dc = 229°10'59"
R = 25.00'
T = 7.47'
L = 14.52'
E = 1.09'

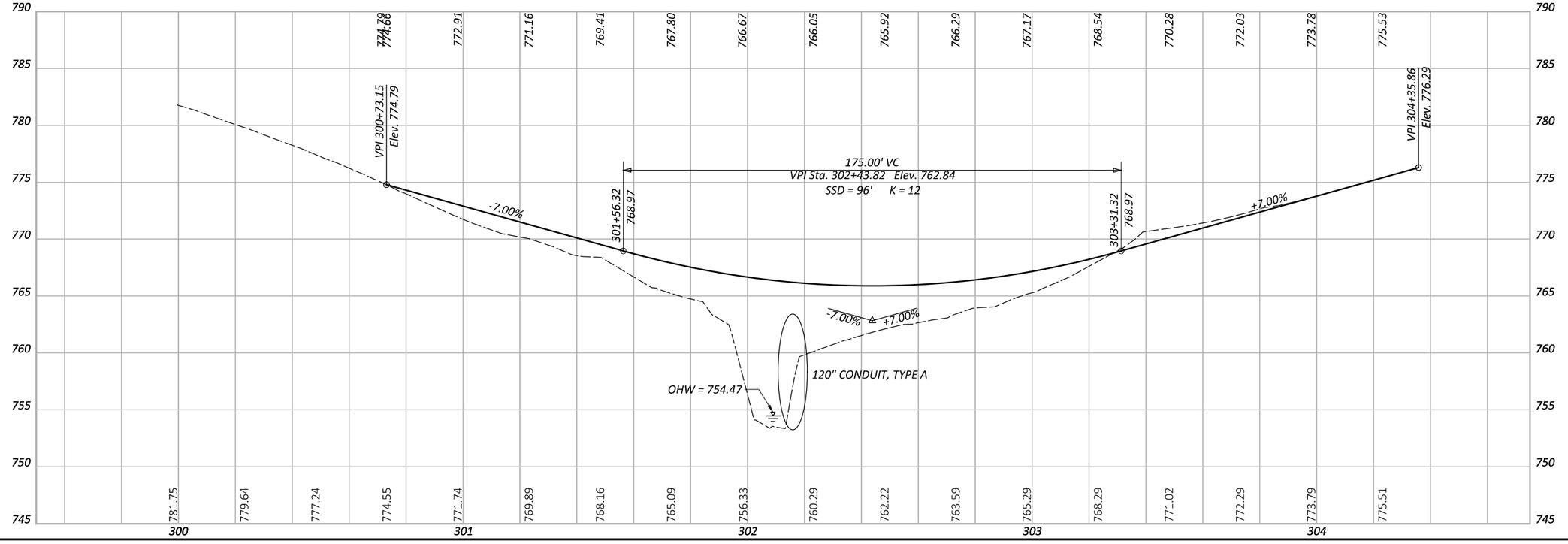
C3 - CURVE DATA
P.I. = STA. 301+42.35
Δ = 09°26'25" LT
Dc = 76°23'40"
R = 75.00'
T = 6.19'
L = 12.36'
E = 0.26'

C4 - CURVE DATA
P.I. = STA. 301+80.51
Δ = 12°27'40" LT
Dc = 76°23'40"
R = 75.00'
T = 8.19'
L = 16.31'
E = 0.45'

C5 - CURVE DATA
P.I. = STA. 302+69.64
Δ = 90°00'00" RT
Dc = 95°29'35"
R = 60.00'
T = 60'
L = 94.25'
E = 24.85'

C6 - CURVE DATA
P.I. = STA. 304+05.25
Δ = 68°57'00" LT
Dc = 95°29'35"
R = 60.00'
T = 41.20'
L = 72.20'
E = 12.78'





HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
HANNAH TRACE ELEMENTARY CONNECTOR

GAL-MERC-SUP

DESIGN AGENCY
DLZ

DESIGNER EMH
REVIEWER CAM 11/14/25
PROJECT ID 120712
SHEET 17 TOTAL 51

MODEL: CLP_HT Elementary Connector_REV - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:13 PM USER: ehimes
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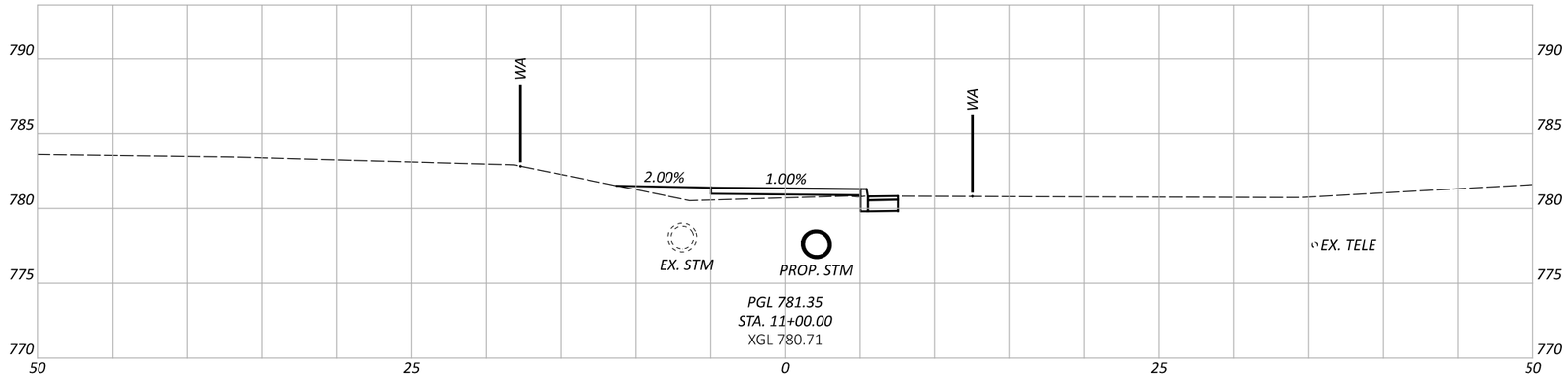

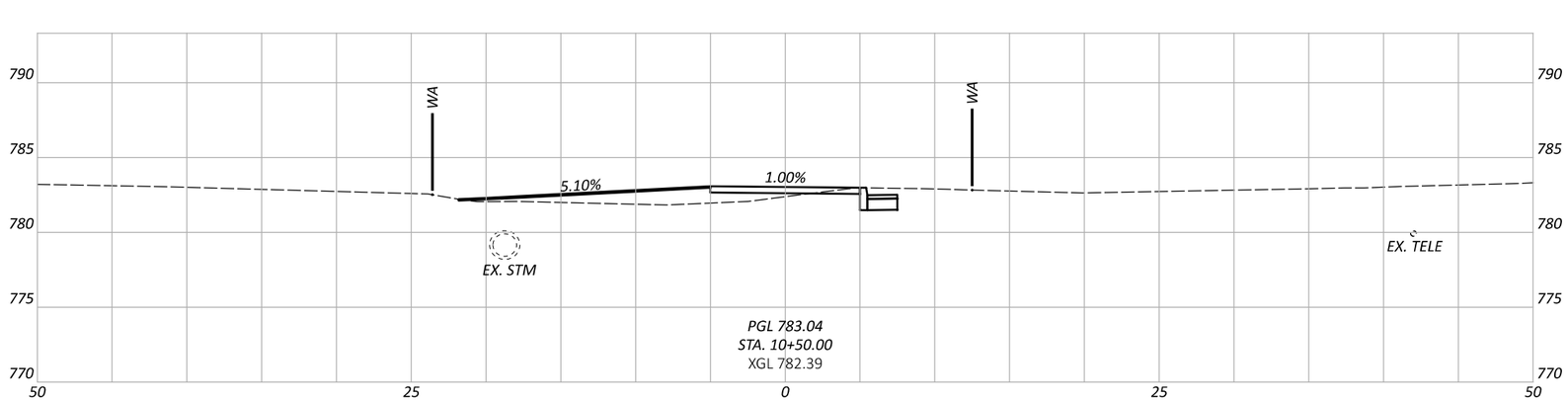

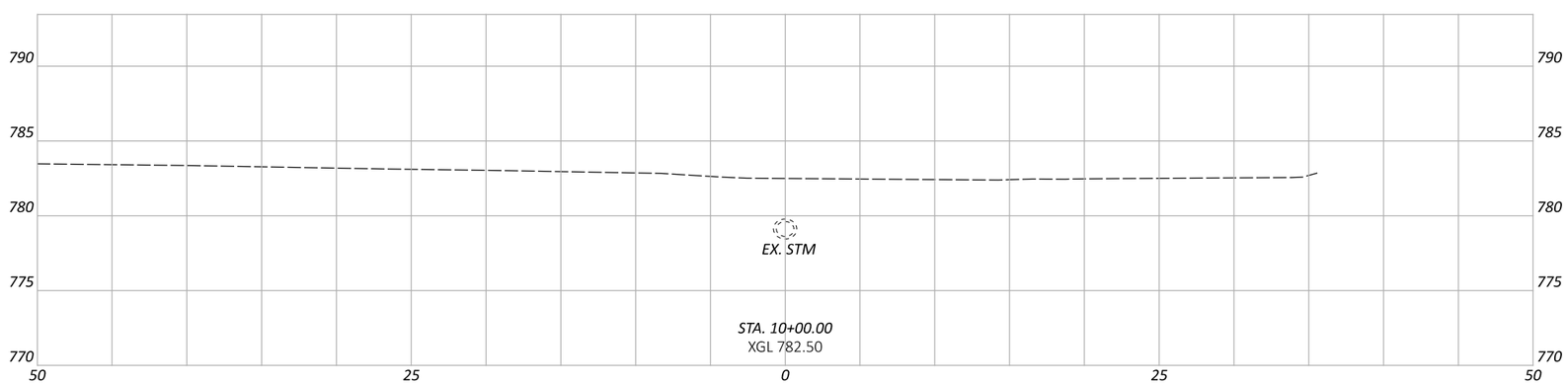

Addendum #1
02/17/2026

Hannah Trace

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Seeding FT	Seeding (SY)
10+00.00	0.00	0.00	0.00	0.00	0.00	0.00
10+50.00	4.42	4.09	12.48	11.56	16.84	46.78
11+00.00	2.52	6.43	5.71	16.84	6.28	64.23
11+50.00	2.74	4.87	13.18	17.48	8.61	41.38
12+00.00	2.52	4.87	10.61	22.02	5.99	40.56
12+50.00	2.52	4.66	1.70	11.39	3.05	25.11
13+00.00	0.06	2.38	0.17	1.73	5.75	24.44
13+11.10	0.17	0.05	3.02	0.66	6.99	7.85
13+11.11	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL		27.35		81.68		250.36

CROSS SECTIONS - OLD HANNAH TRACE RD.
STA 10+00.00 TO STA 11+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 18 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP REV Old Hannah Trace - 10+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:17 PM USER: ehimes
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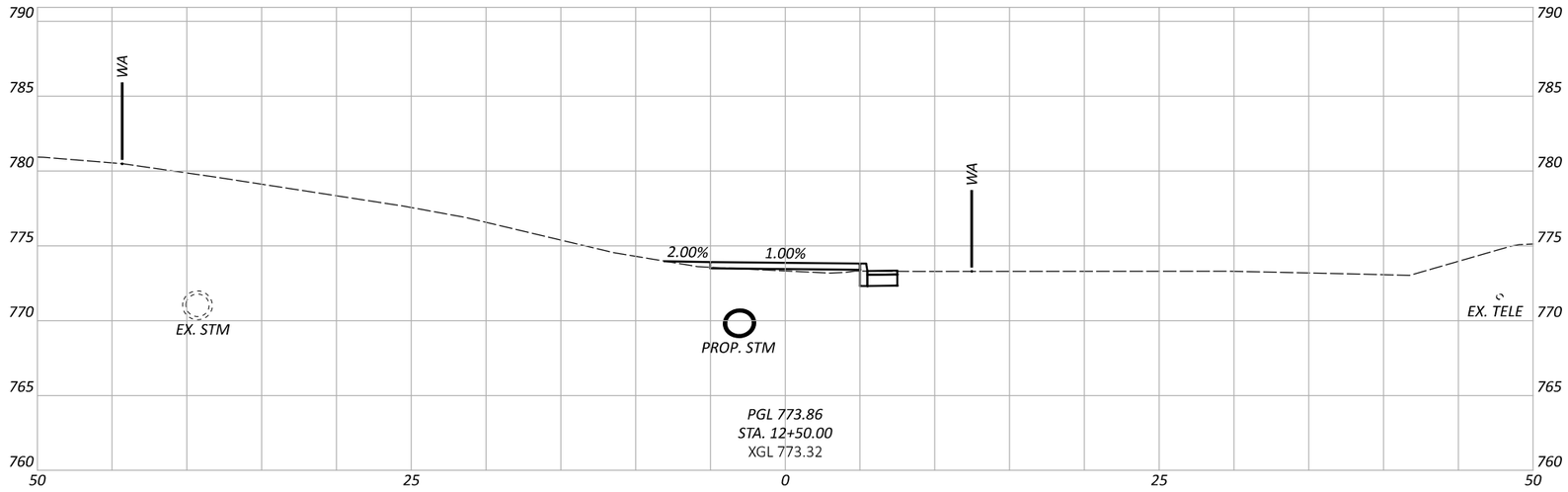

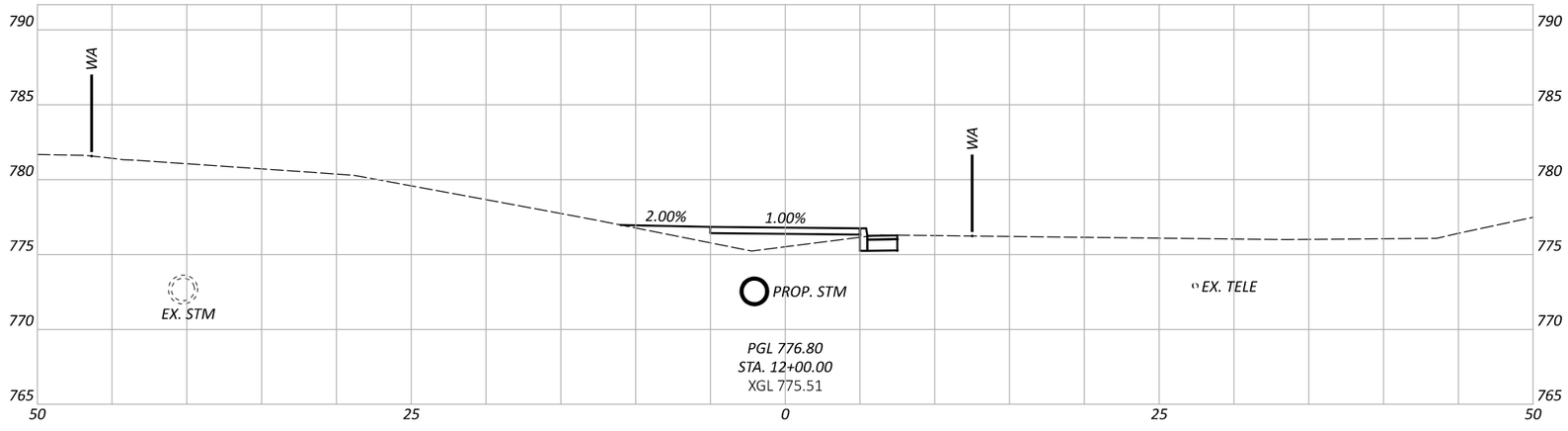

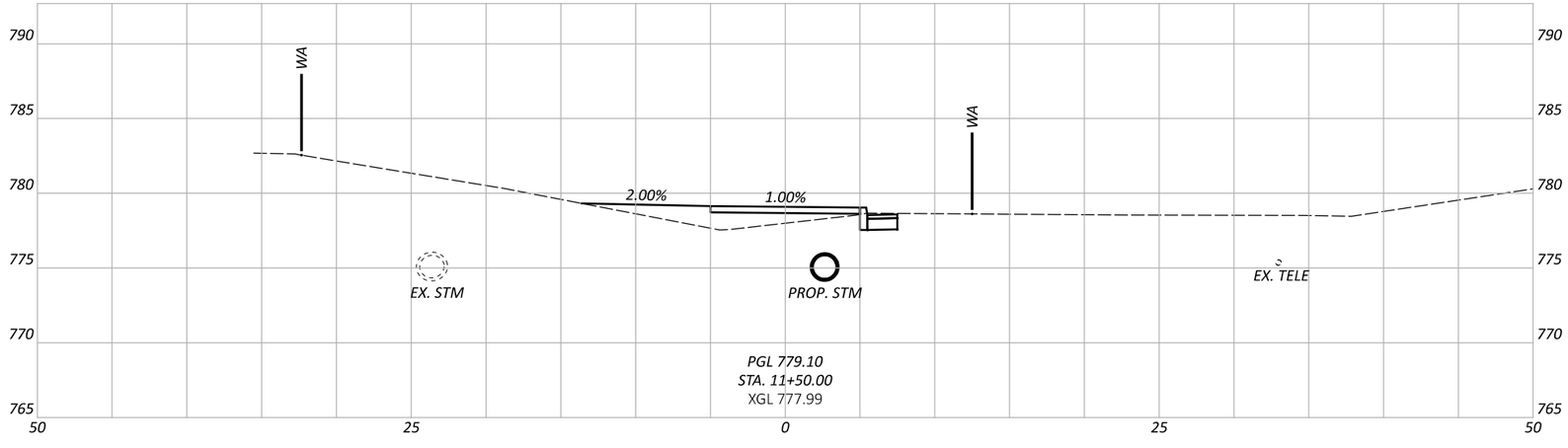

GAL-MERC-SUP

MODEL: CLP_SUP REV Old Hannah Trace - 11+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:22 PM USER: ehimes
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CROSS SECTIONS - OLD HANNAH TRACE RD.
STA 11+50.00 TO STA 12+50.00

DESIGN AGENCY

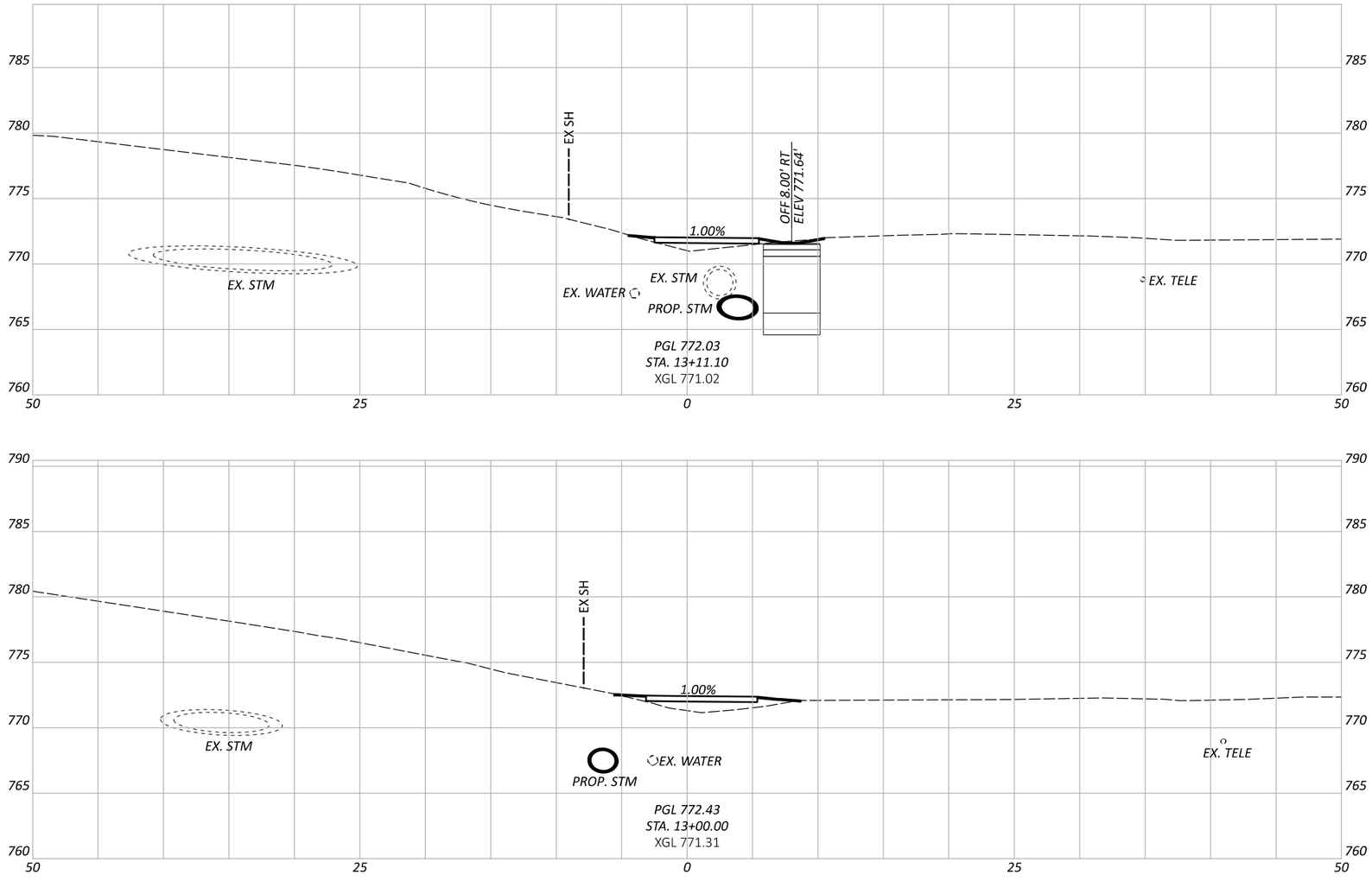
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 19 | TOTAL 51



GAL-MERC-SUP

MODEL: CLP_SUP REV Old Hannah Trace - 13+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:27 PM USER: ehimes
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CROSS SECTIONS - OLD HANNAH TRACE RD.
STA 13+00.00 TO STA 13+11.10

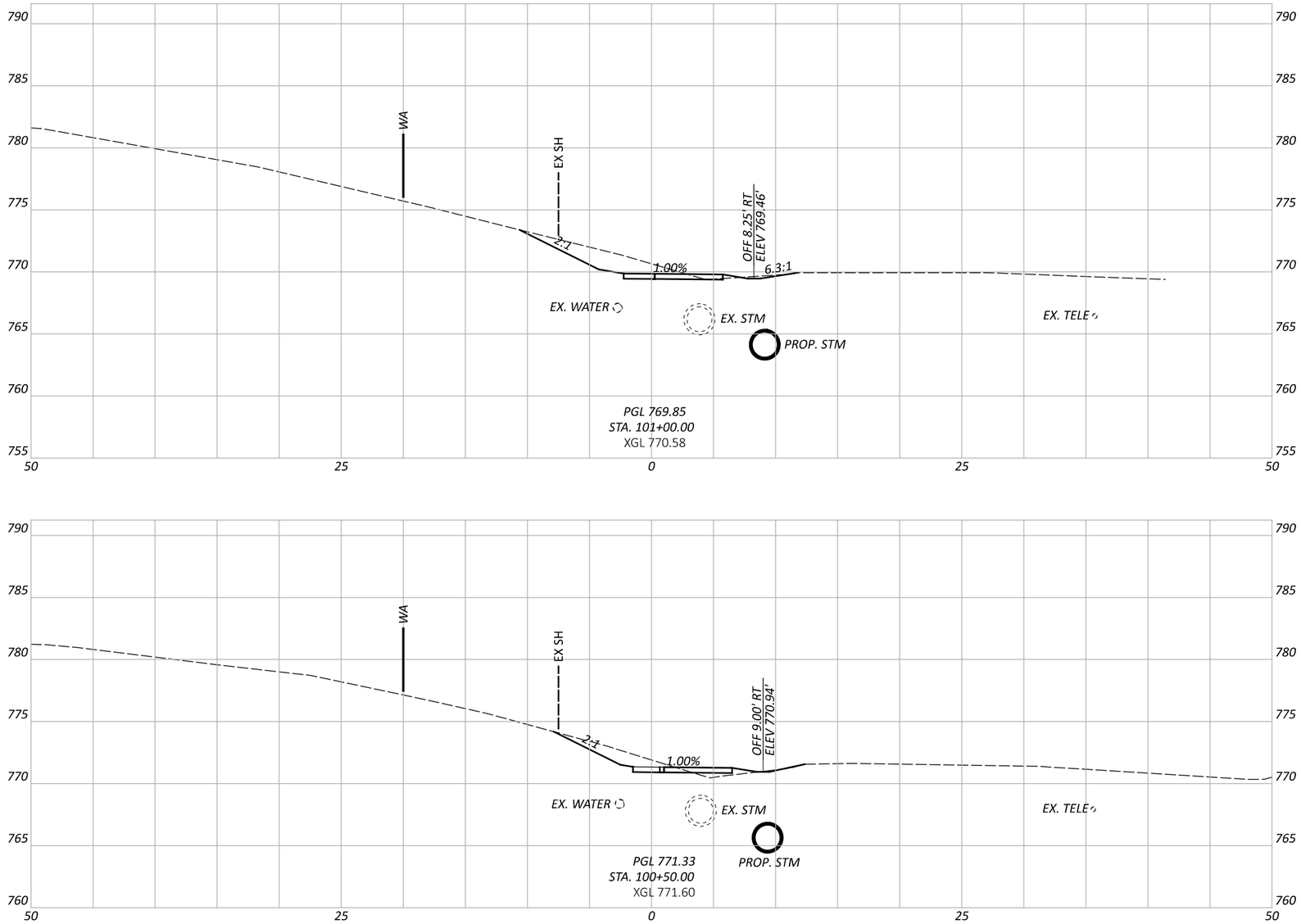
DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 20 | TOTAL 51



Addendum #1
02/17/2026

Mercerville Road

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Seeding FT	Seeding (SY)
100+26.19	0	0	0	0	0	0
100+26.20	0.17	0.00	3.02	0.00	6.99	0.00
100+50.00	7.92	3.56	1.44	1.96	12.21	25.38
101+00.00	14.72	20.96	0.26	1.57	14.39	73.87
101+50.00	12.38	25.10	0.60	0.79	13.46	77.36
102+00.00	6.68	17.65	1.69	2.12	12.66	72.54
102+50.00	3.98	9.87	2.22	3.62	11.28	66.48
103+00.00	3.34	6.78	2.94	4.78	14.72	72.22
103+50.00	1.51	4.49	4.88	7.24	12.62	75.95
104+00.00	0.27	1.64	4.23	8.44	8.41	58.42
104+50.00	0.17	0.40	3.52	7.17	7.78	44.96
105+00.00	0.02	0.17	4.30	7.24	7.80	43.27
105+50.00	0.11	0.12	4.80	8.43	8.41	45.03
106+00.00	0.32	0.40	6.27	10.25	9.36	49.35
106+50.00	1.83	1.99	1.35	7.05	11.87	58.97
107+00.00	8.16	9.24	0.00	1.25	11.78	65.71
107+50.00	3.47	10.76	3.58	3.31	10.50	61.91
108+00.00	0.00	3.21	0.00	3.31	8.87	53.81
108+30.33	0.00	0.00	0.00	0.00	0.00	14.94
109+10.91	0.00	0.00	0.00	0.00	0.00	0.00
109+50.00	6.83	4.94	0.00	0.00	0.00	0.00
110+00.00	16.32	21.43	0.00	0.00	0.00	0.00
110+50.00	0.25	15.34	14.93	13.82	8.15	22.64
111+00.00	0.00	0.23	22.17	34.35	8.88	47.31
111+50.00	2.22	2.06	0.00	20.53	0.00	24.68
112+00.00	2.83	4.67	16.59	15.36	2.93	8.13
112+50.00	8.44	10.43	0.00	15.36	0.00	8.13
113+00.00	7.77	15.00	0.00	0.00	0.00	0.00
113+50.00	12.50	18.76	0.00	0.00	6.21	17.24
114+00.00	8.23	19.20	0.13	0.12	9.07	42.44
114+50.00	12.05	45.46	0.30	0.56	9.21	85.67
115+00.00	8.34	30.68	0.12	0.46	8.05	95.13
115+50.00	0.00	7.72	0.00	0.11	0.00	22.37
TOTAL		312.26		179.2		1333.91

CROSS SECTIONS - MERCERVILLE RD.
STA 100+50.00 TO STA 101+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 21 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 100+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:33 PM USER: ehimes
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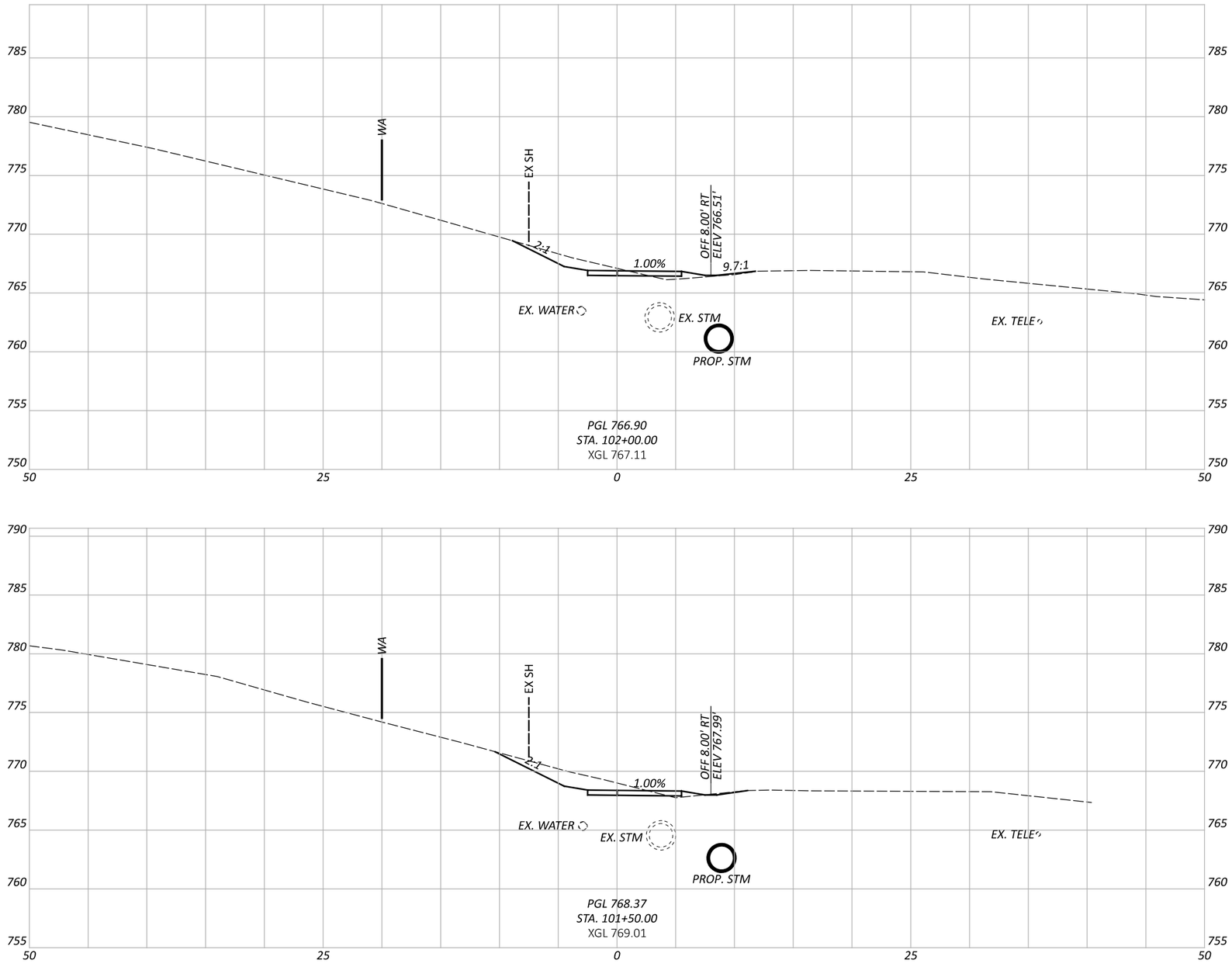

CROSS SECTIONS - MERCERVILLE RD.
STA 101+50.00 TO STA 102+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 22 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 101+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:37 PM USER: ehimes
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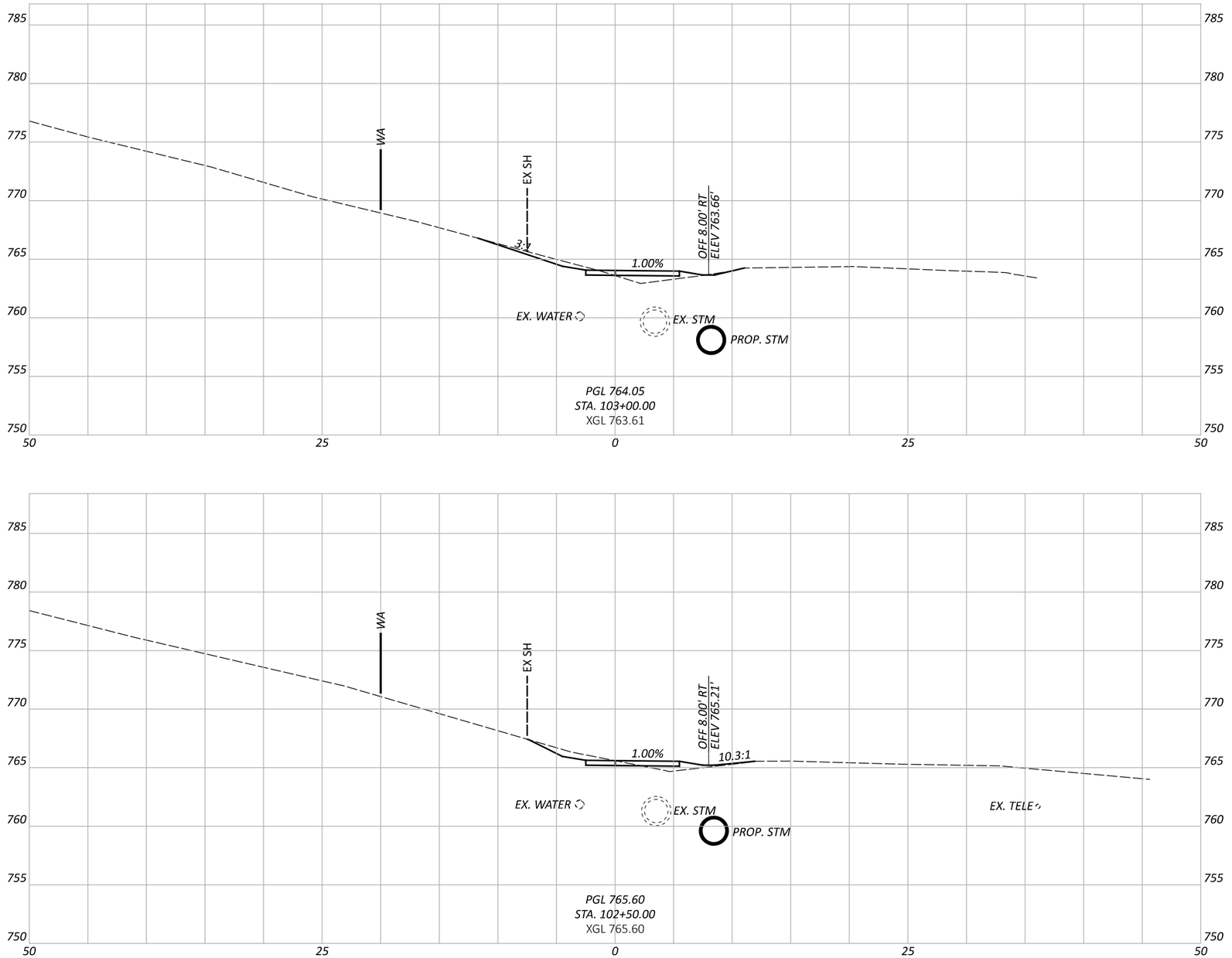

CROSS SECTIONS - MERCERVILLE RD.
STA 102+50.00 TO STA 103+00.00

DESIGN AGENCY

DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	23
TOTAL	51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 102+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:42 PM USER: ehimes
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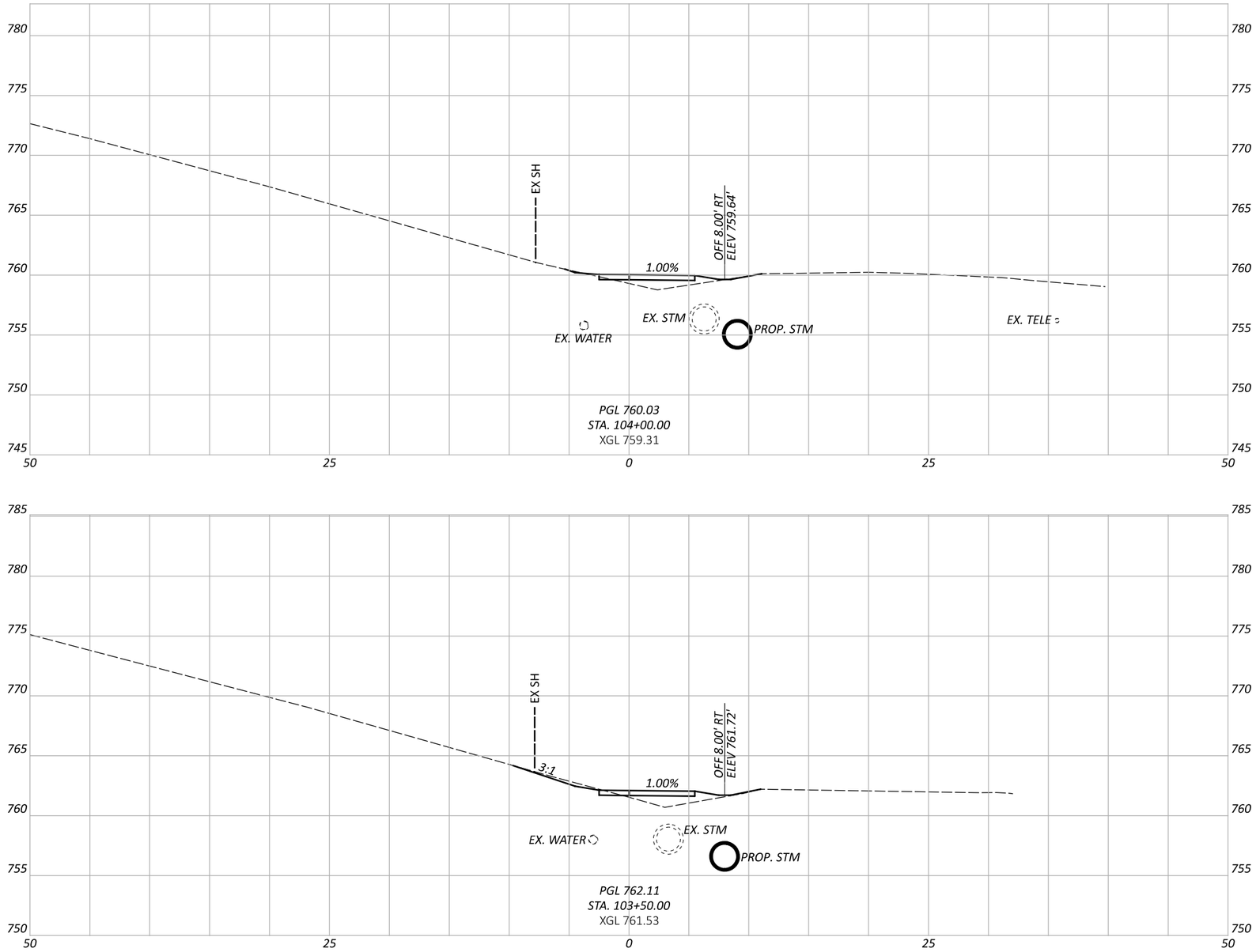

CROSS SECTIONS - MERCERVILLE RD.
STA 103+50.00 TO STA 104+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 24 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 103+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:45 PM USER: ehimes
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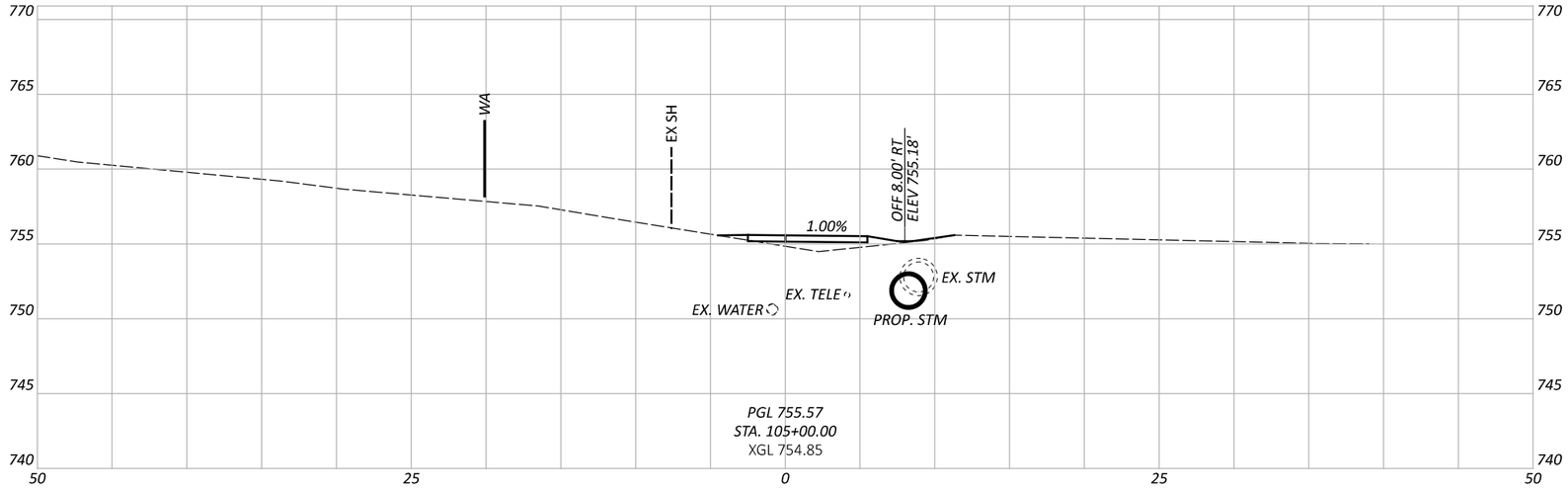
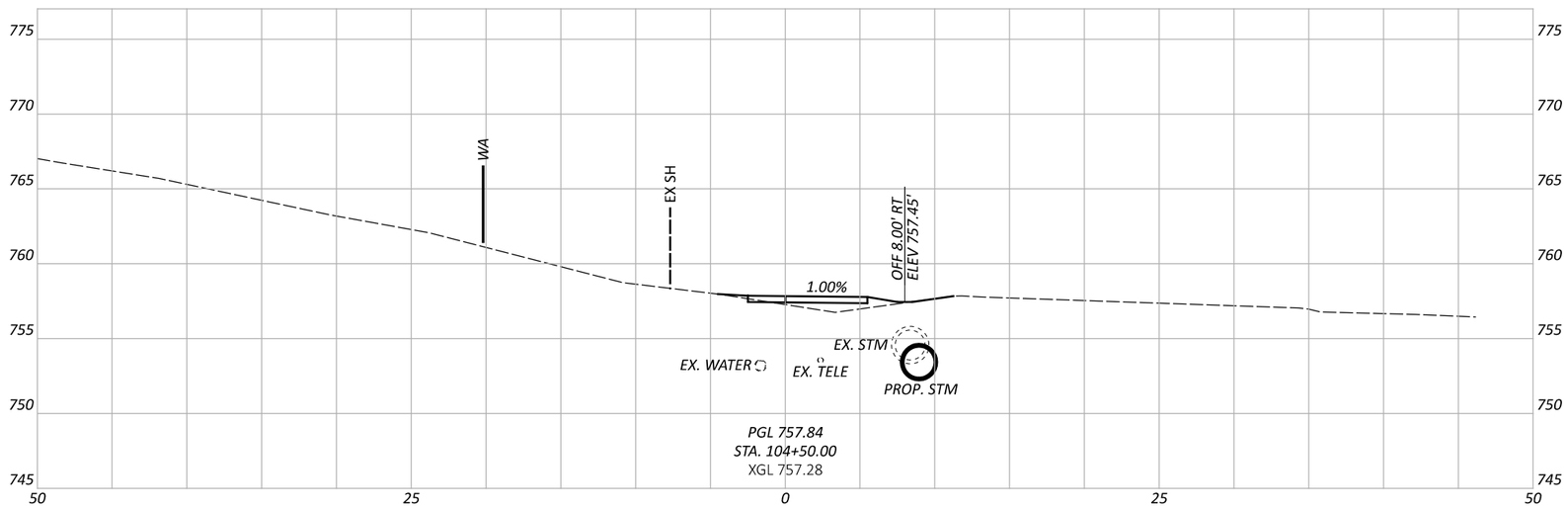




GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 104+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:50 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS002.dgn

CROSS SECTIONS - MERCERVILLE RD.
STA 104+50.00 TO STA 105+00.00

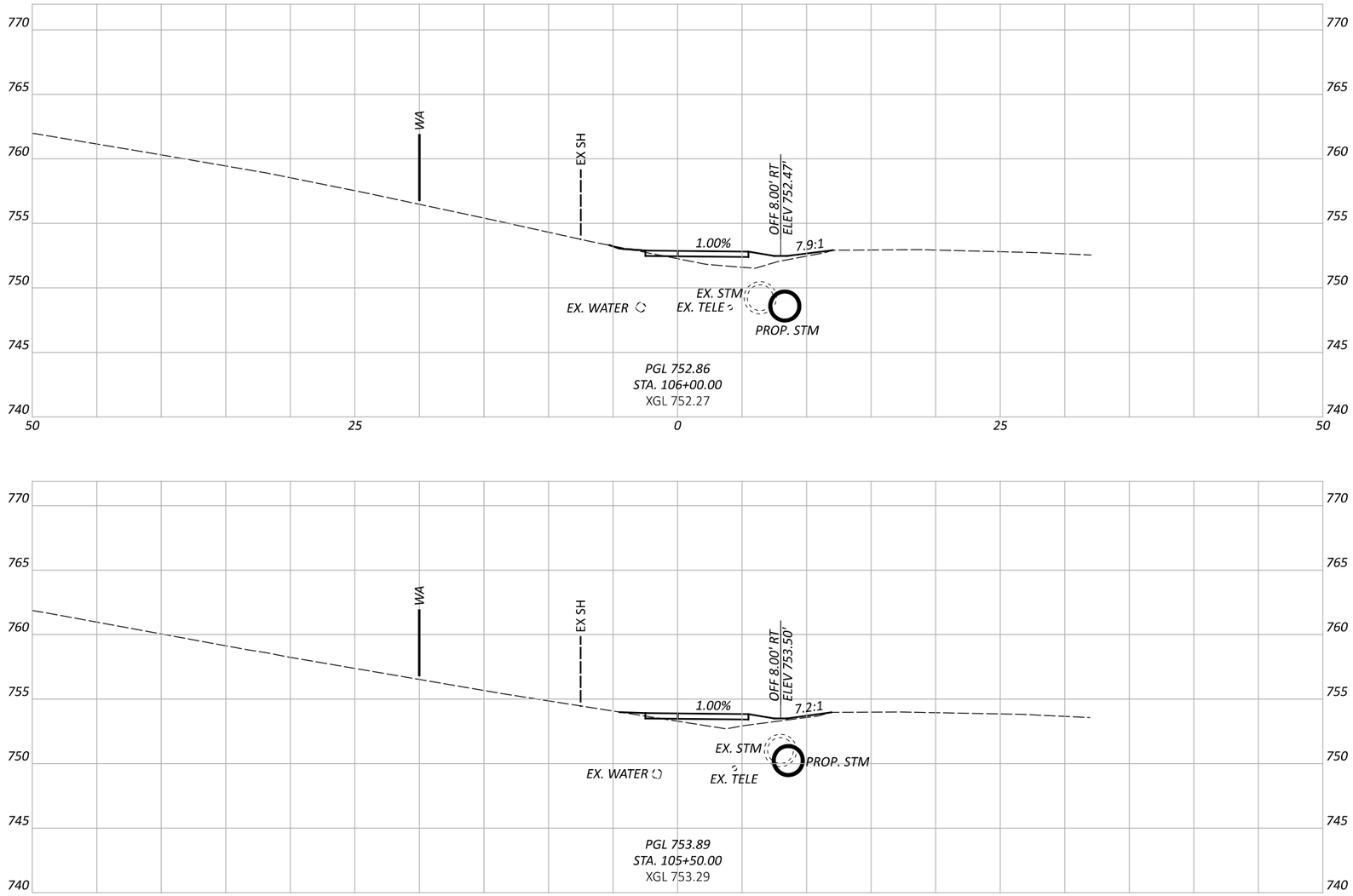
DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 25 | TOTAL 51



PGL 753.89
STA. 105+50.00
XGL 753.29

CROSS SECTIONS - MERCERVILLE RD.
STA 105+50.00 TO STA 106+00.00

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 105+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:53 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS002.dgn

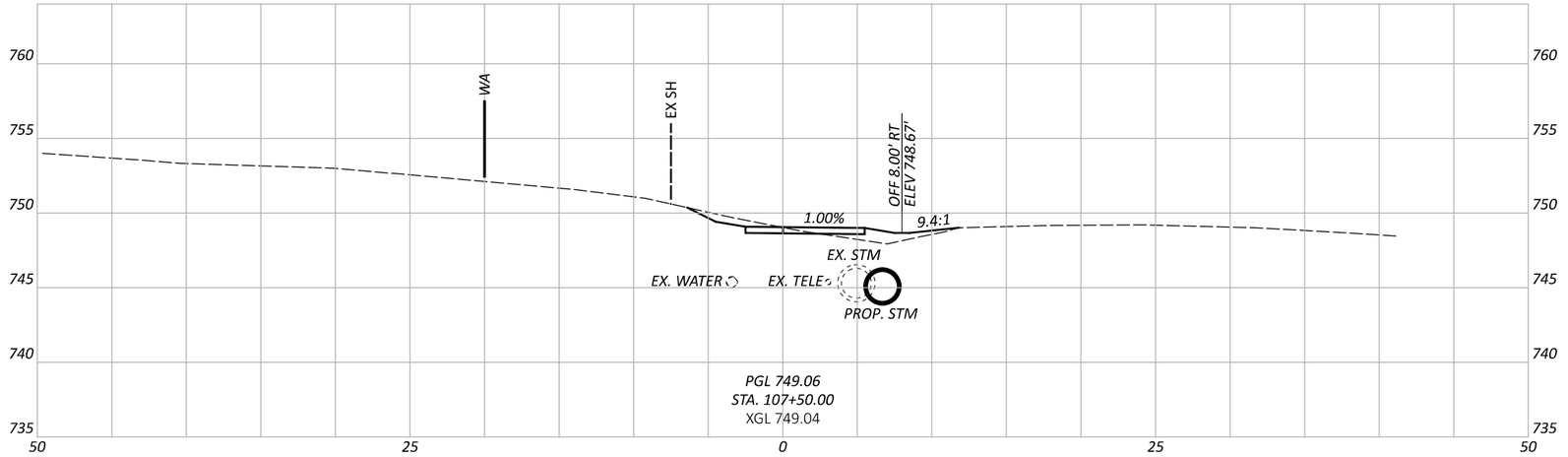
DESIGN AGENCY
DLZ

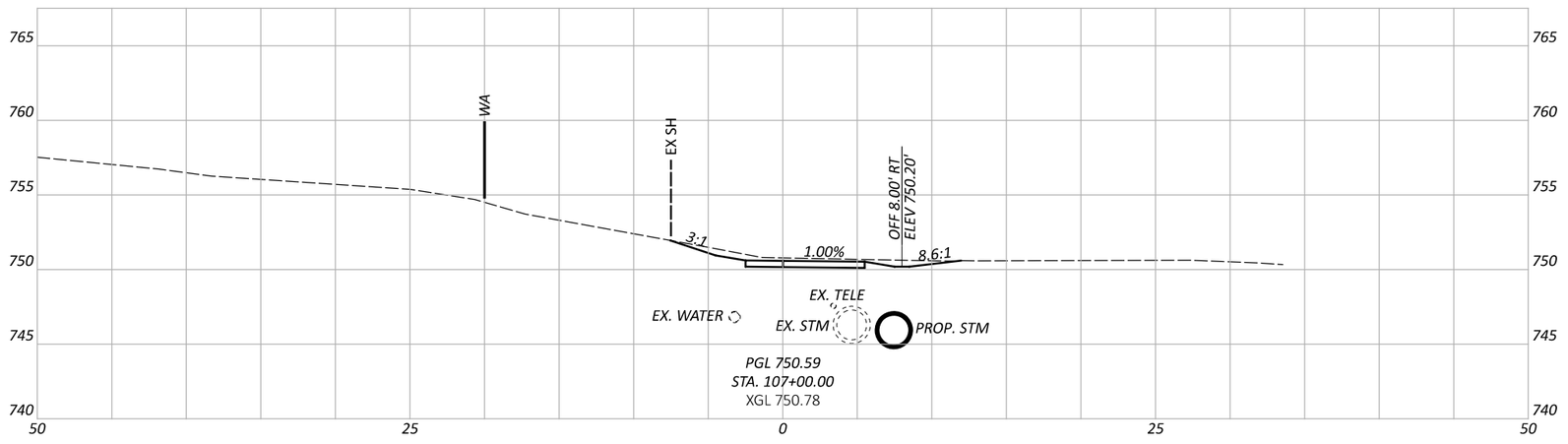
DESIGNER
EMH

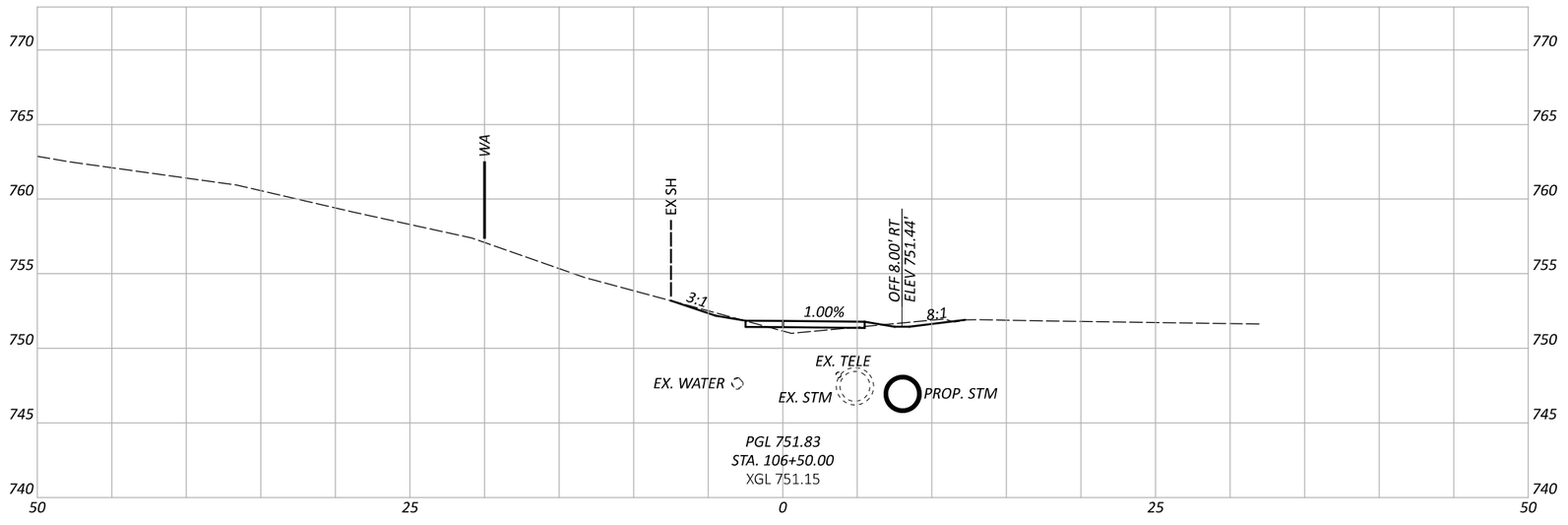
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 26 | TOTAL 51







GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 106+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:33:57 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS002.dgn

CROSS SECTIONS - MERCERVILLE RD.
STA 106+50.00 TO STA 107+50.00

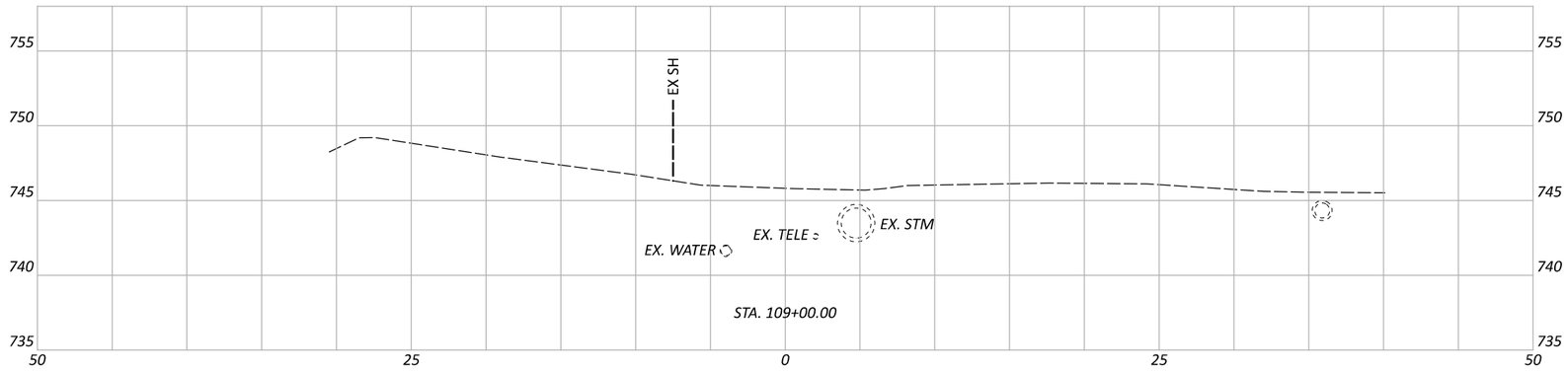
DESIGN AGENCY
DLZ

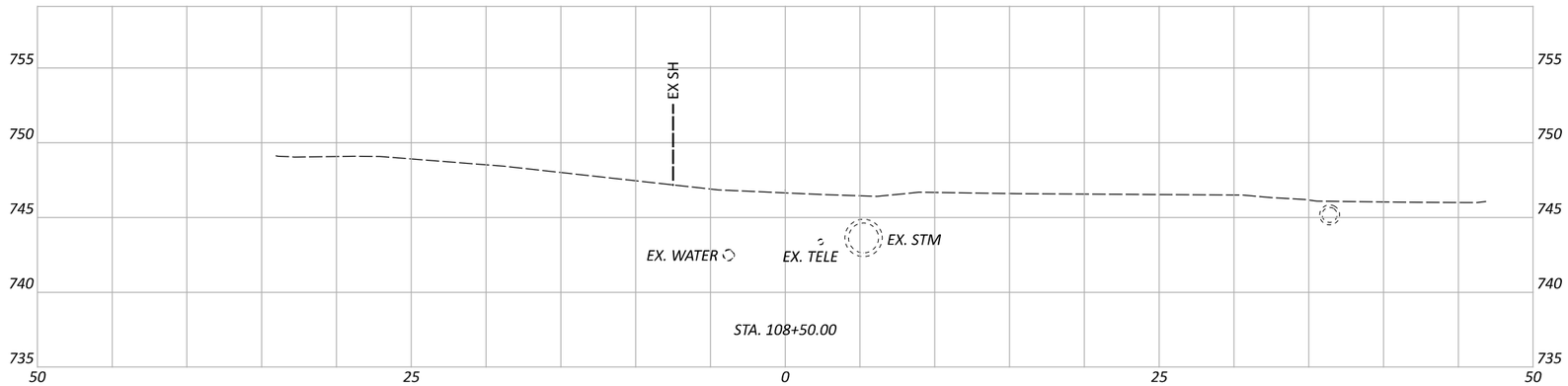
DESIGNER
EMH

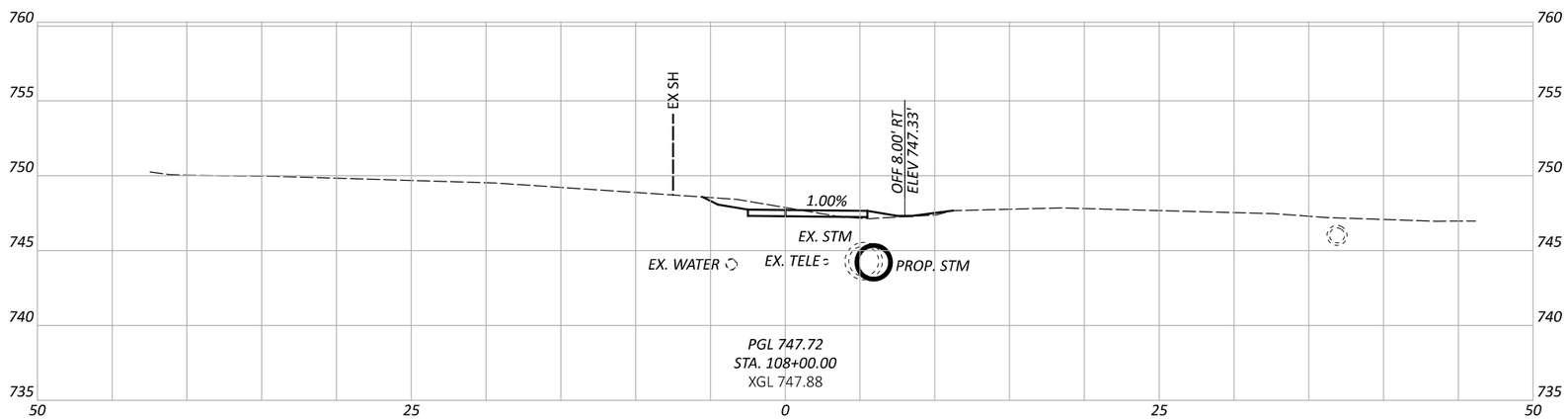
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 27 | TOTAL 51







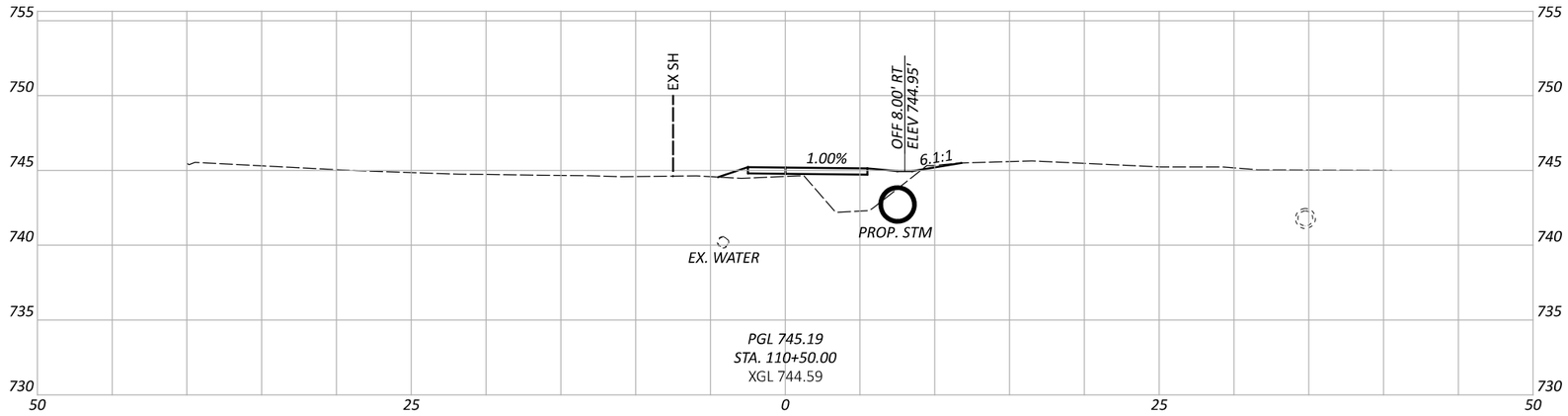
GAL-MERC-SUP

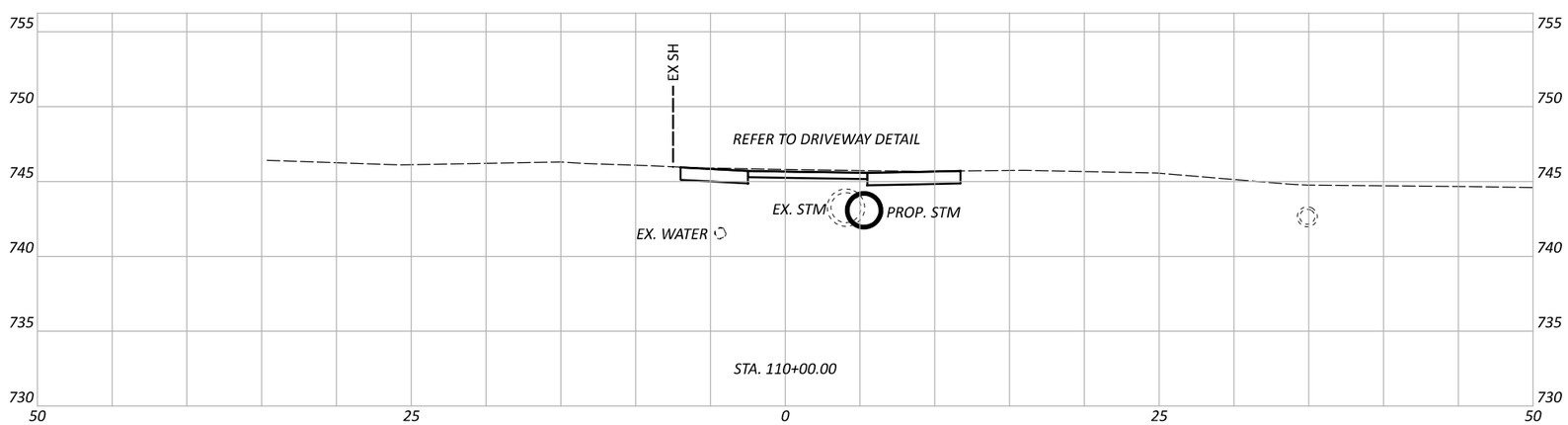
MODEL: CLP_SUP Mercerville Rd - 108+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:03 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS002.dgn

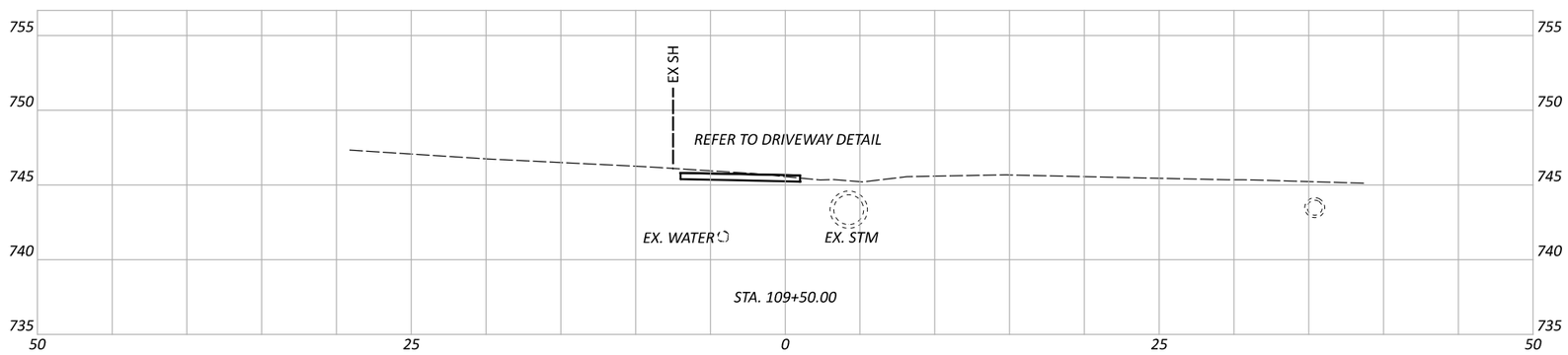
CROSS SECTIONS - MERCERVILLE RD.
STA 108+00.00 TO STA 109+00.00

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	28
TOTAL	51







GAL-MERC-SUP

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X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS002.dgn

CROSS SECTIONS - MERCERVILLE RD.
STA 109+50.00 TO STA 110+50.00

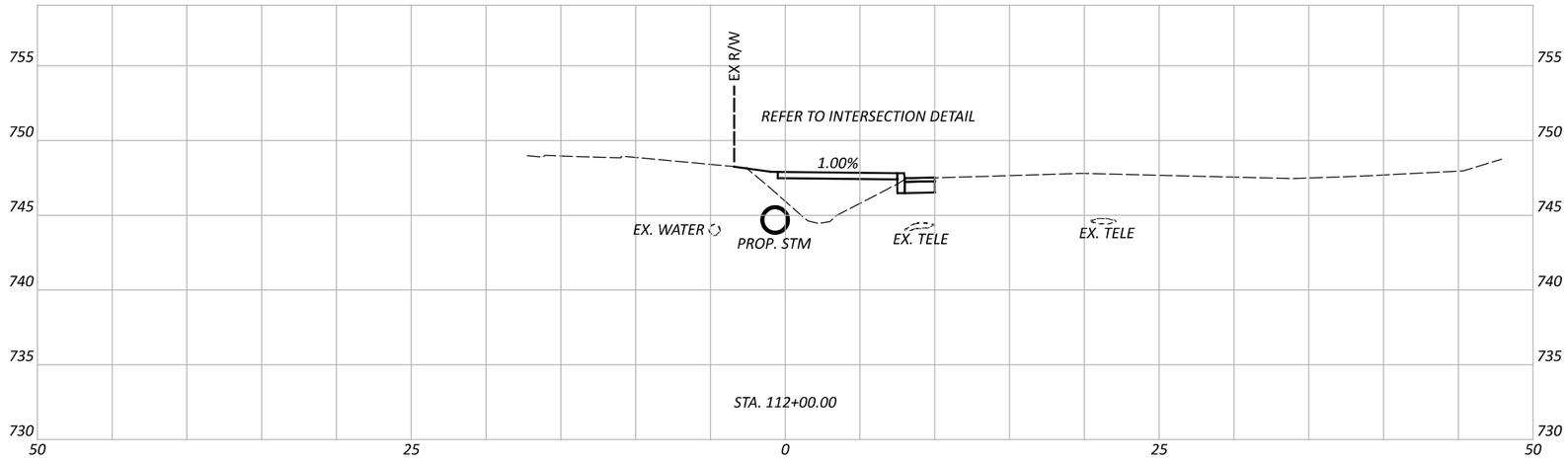
DESIGN AGENCY
DLZ

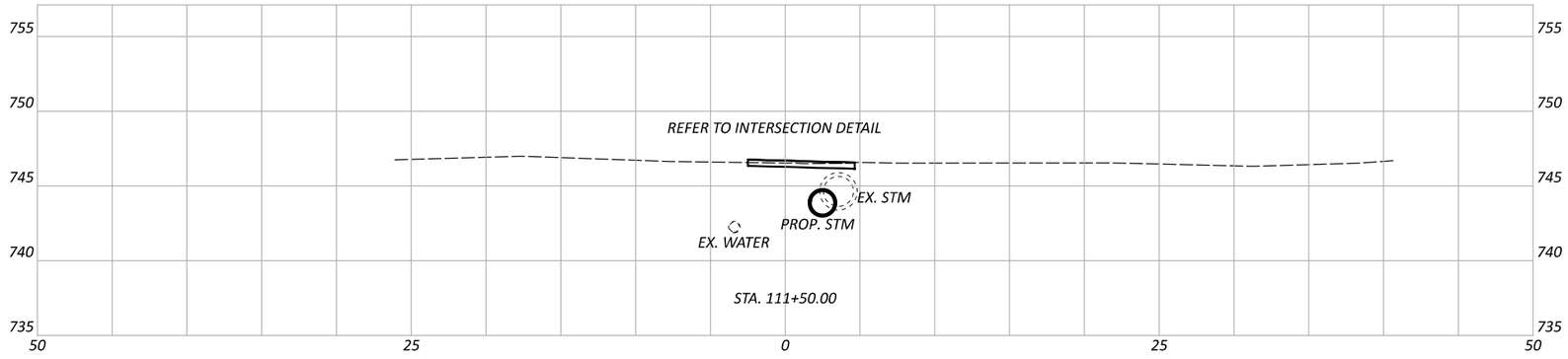
DESIGNER
EMH

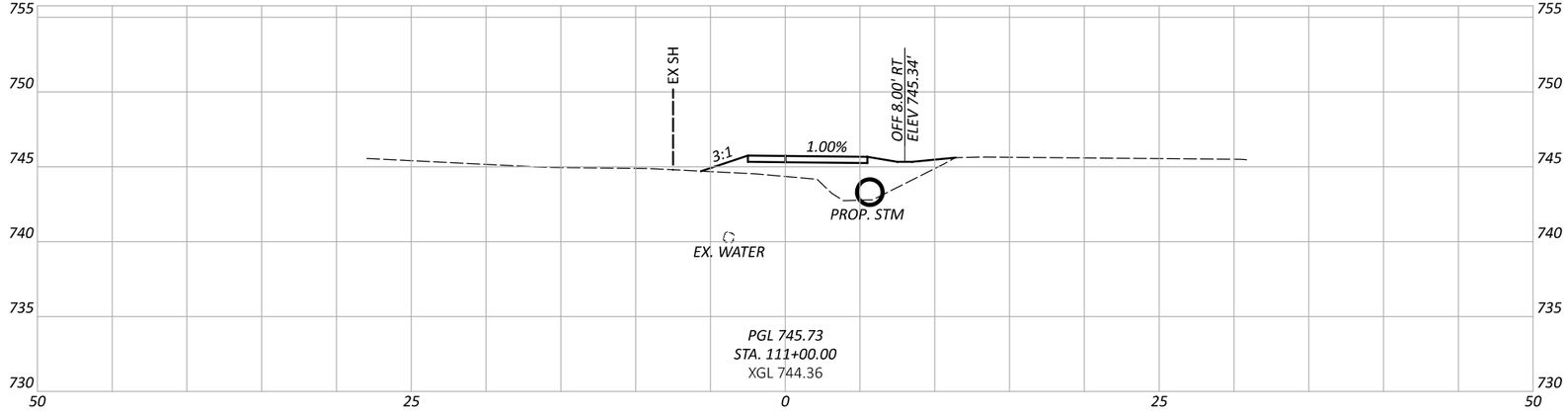
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 29 | TOTAL 51







GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 111+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:14 PM USER: ehimes
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CROSS SECTIONS - MERCERVILLE RD.
STA 111+00.00 TO STA 112+00.00

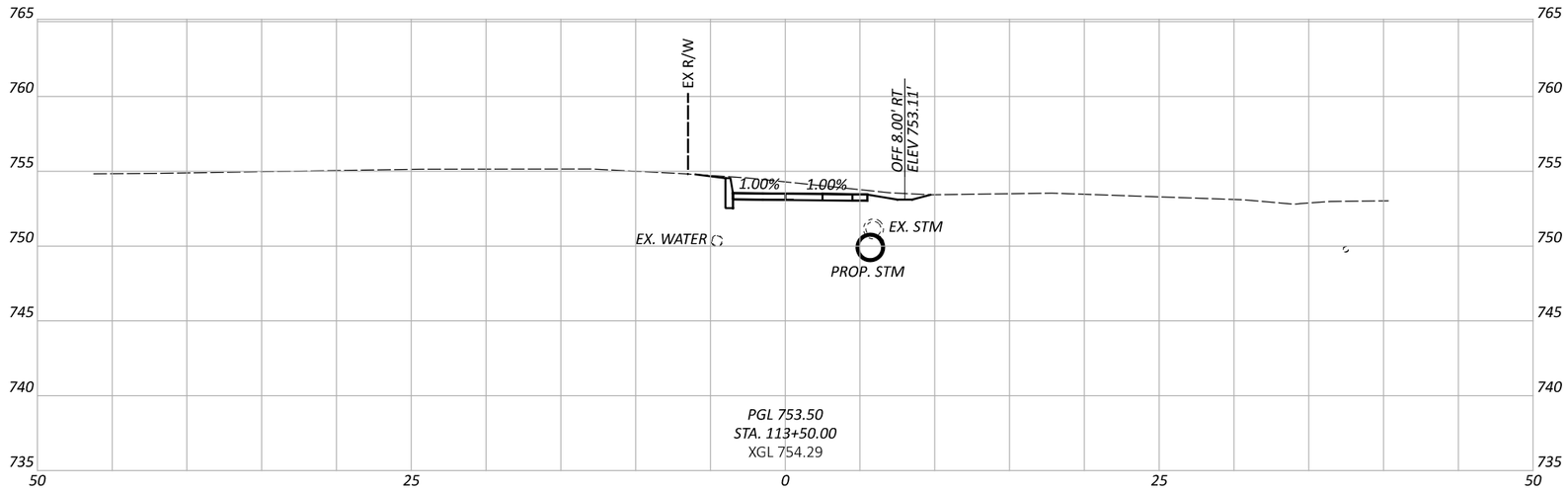
DESIGN AGENCY
DLZ

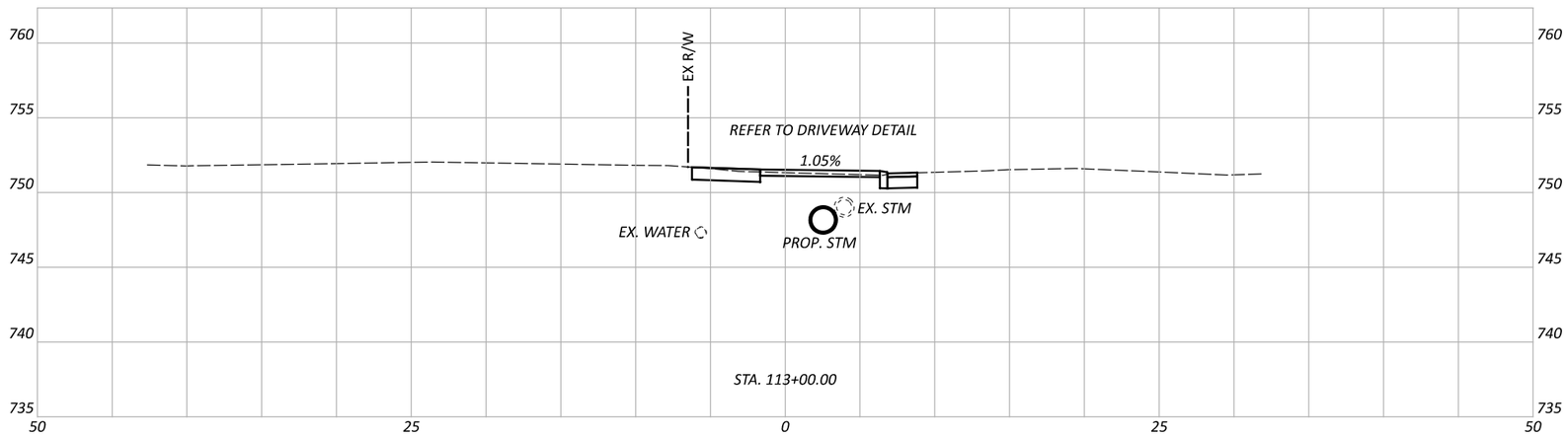
DESIGNER
EMH

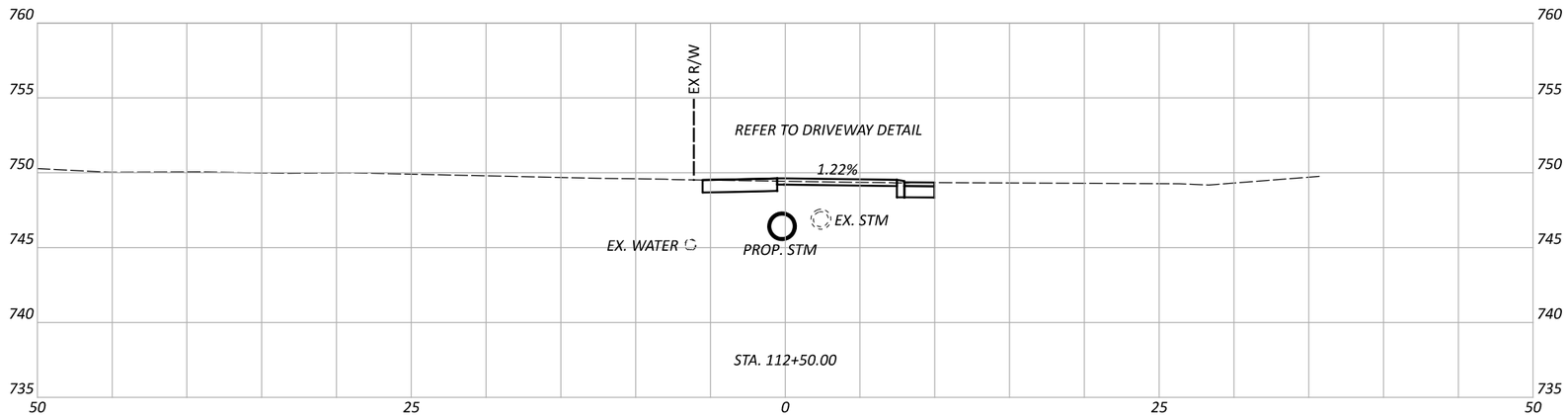
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 30 | TOTAL 51







GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 112+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:20 PM USER: ehimes
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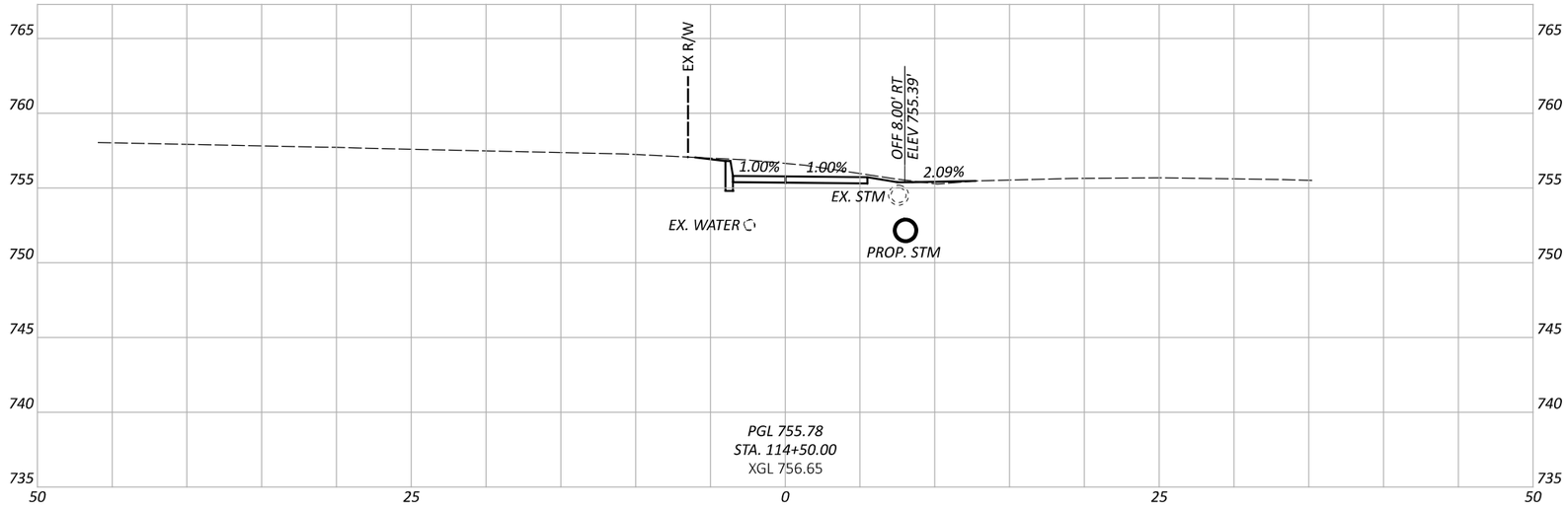
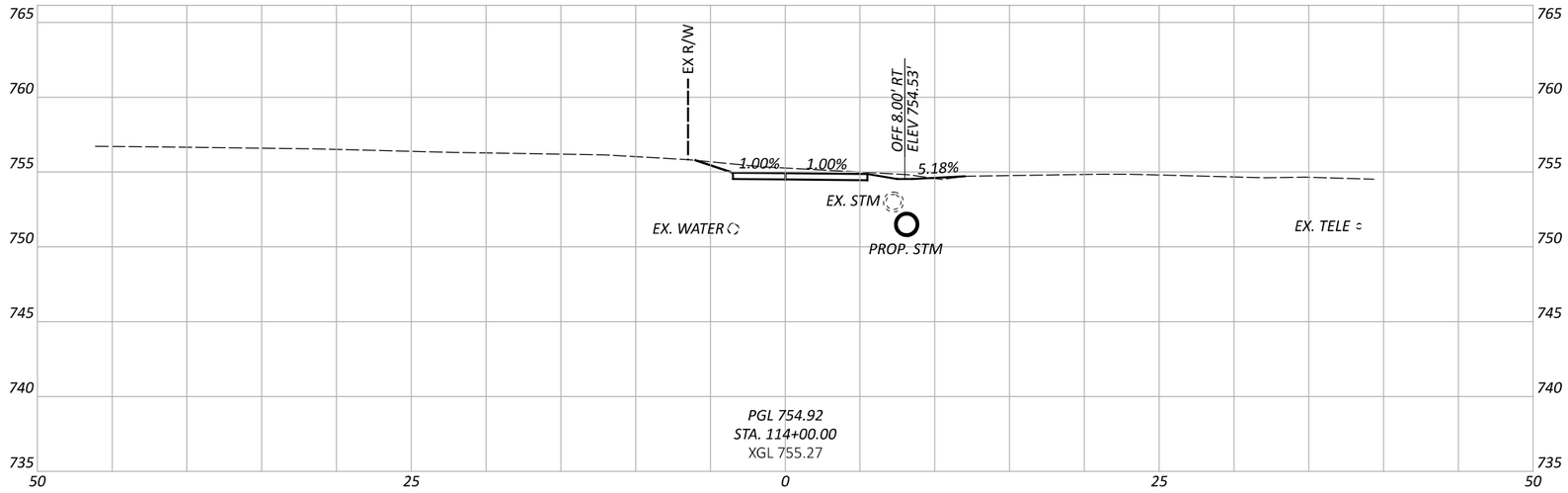
CROSS SECTIONS - MERCERVILLE RD.
STA 112+50.00 TO STA 113+50.00

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	31
TOTAL	51





GAL-MERC-SUP

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CROSS SECTIONS - MERCERVILLE RD.
STA 114+00.00 TO STA 114+50.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 32 | TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Mercerville Rd - 115+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:33 PM USER: ehimes
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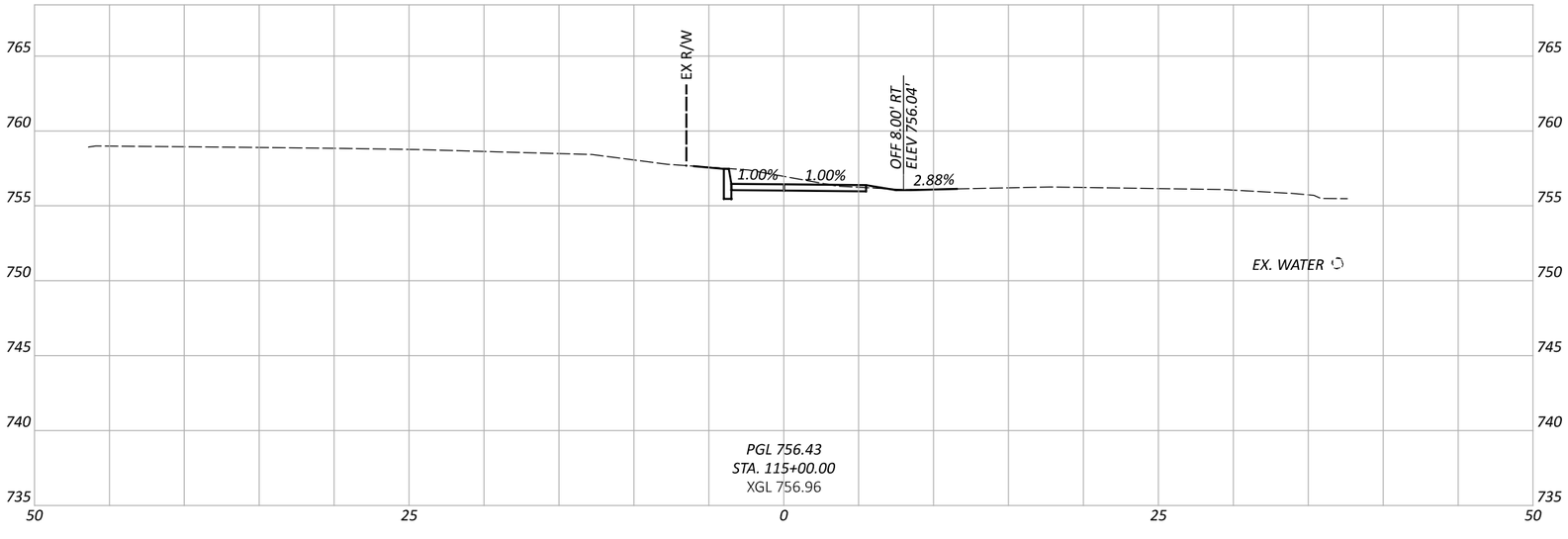


CROSS SECTIONS - MERCERVILLE RD.
STA 115+00.00

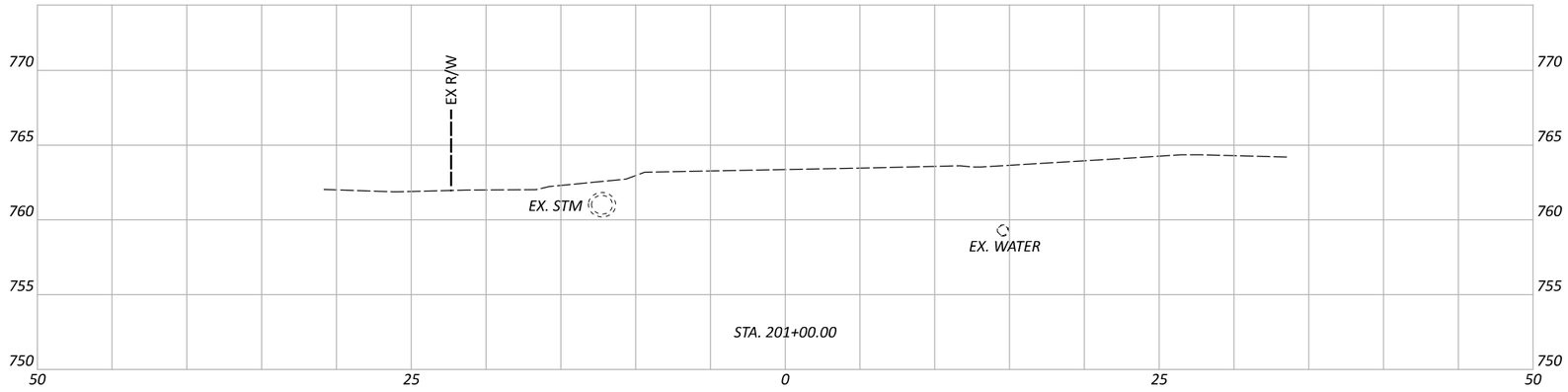
DESIGN AGENCY
DLZ

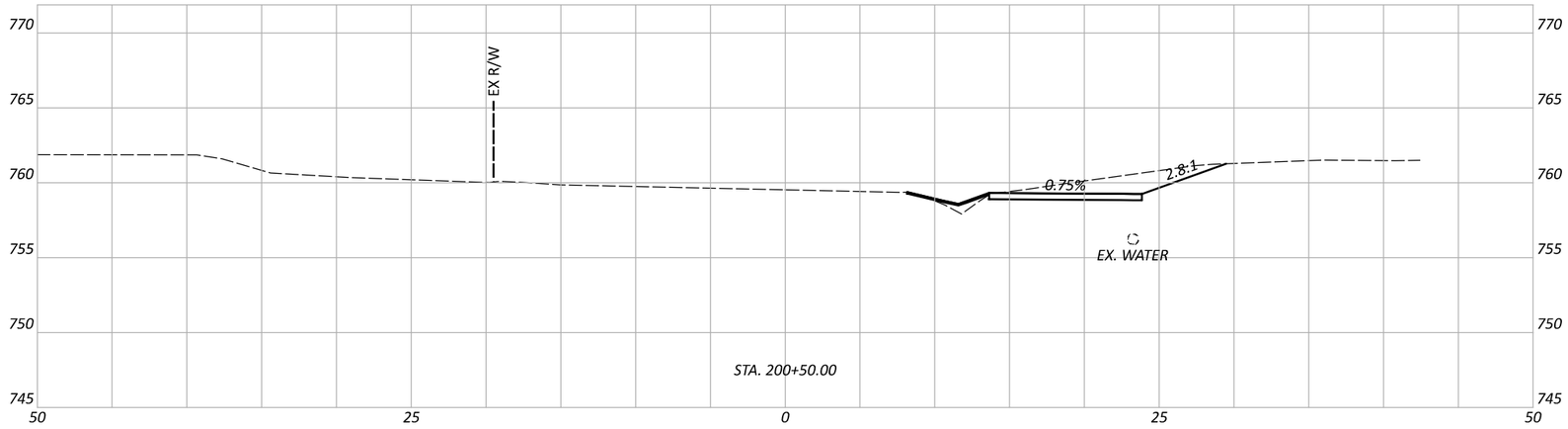
DESIGNER
EMH

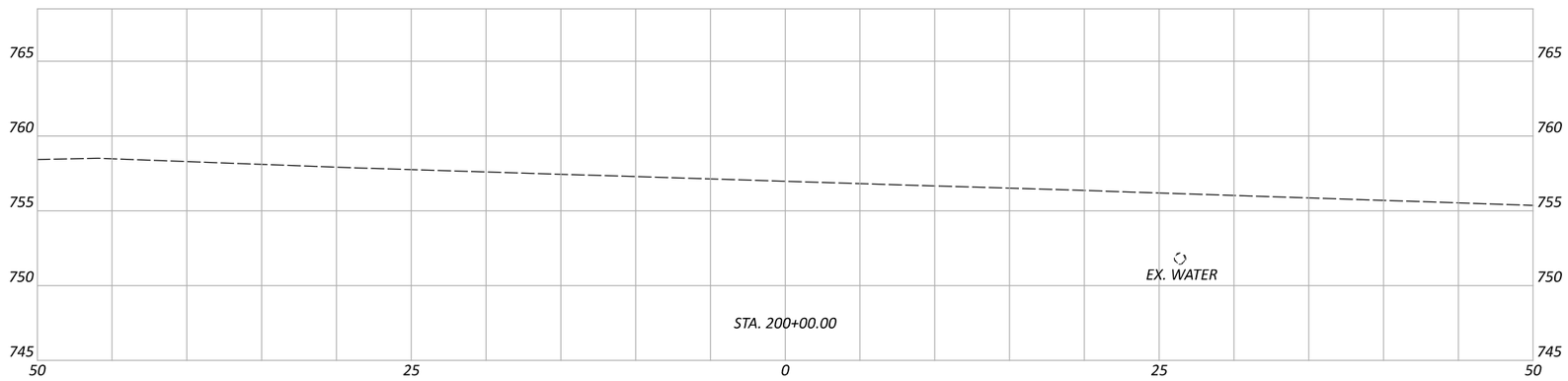
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 33 | TOTAL 51







Addendum #1
02/17/2026

Station St.						
Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Seedlng FT	Seeding (SY)
200+00.00	0.00	0.00	0.00	0.00	0.00	0.00
200+50.00	15.30	14.17	1.06	0.98	12.16	33.76
201+00.00	0.00	14.17	0.00	0.98	0.00	33.76
201+50.00	0.00	0.00	0.00	0.00	0.00	0.00
202+00.00	0.00	0.00	0.00	0.00	0.00	0.00
202+50.00	0.00	0.00	0.00	0.00	0.00	0.00
203+00.00	0.00	0.00	0.00	0.00	0.00	0.00
203+50.00	0.00	0.00	0.00	0.00	0.00	0.00
204+00.00	0.00	0.00	0.00	0.00	0.00	0.00
204+50.00	0.00	0.00	0.00	0.00	0.00	0.00
205+00.00	0.00	0.00	0.00	0.00	0.00	0.00
205+30.70	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		28.34		1.96		67.52

CROSS SECTIONS - STATION ST. STA 200+00.00 TO STA 201+00.00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 34 TOTAL 51

GAL-MERC-SUP

MODEL: CLP_SUP Station St - 200+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:36 PM USER: ehimes
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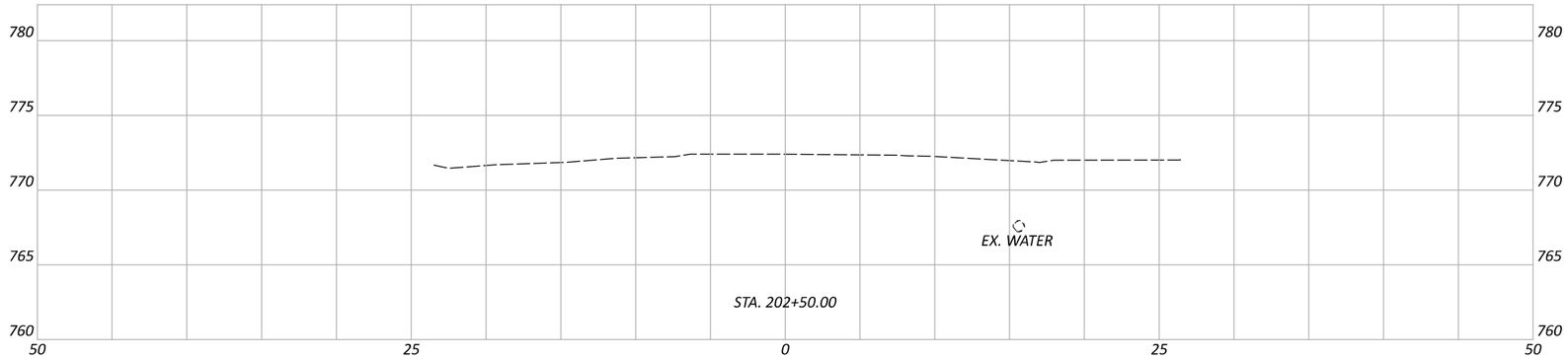
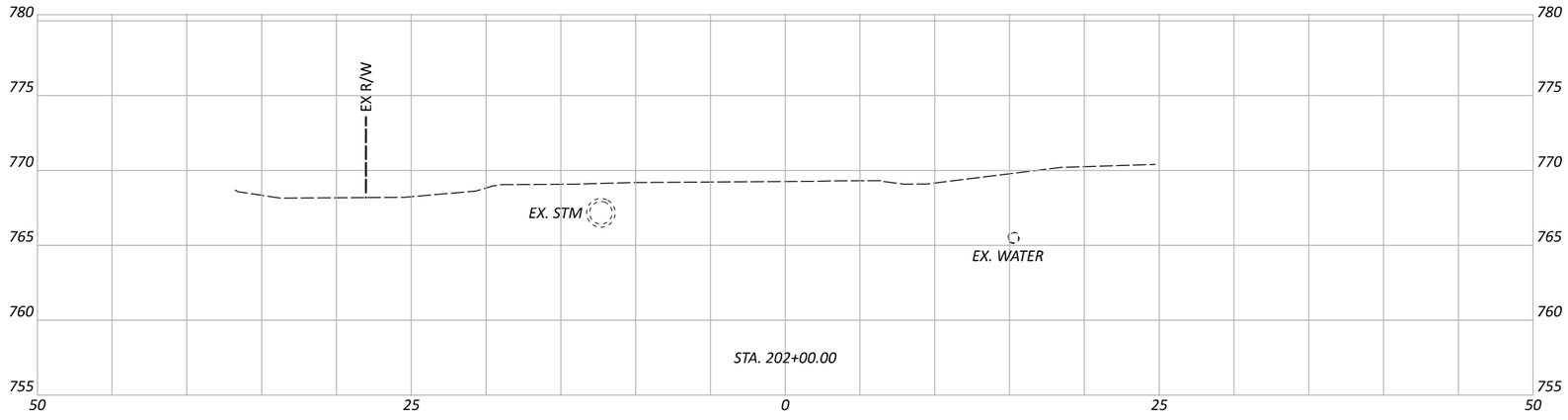
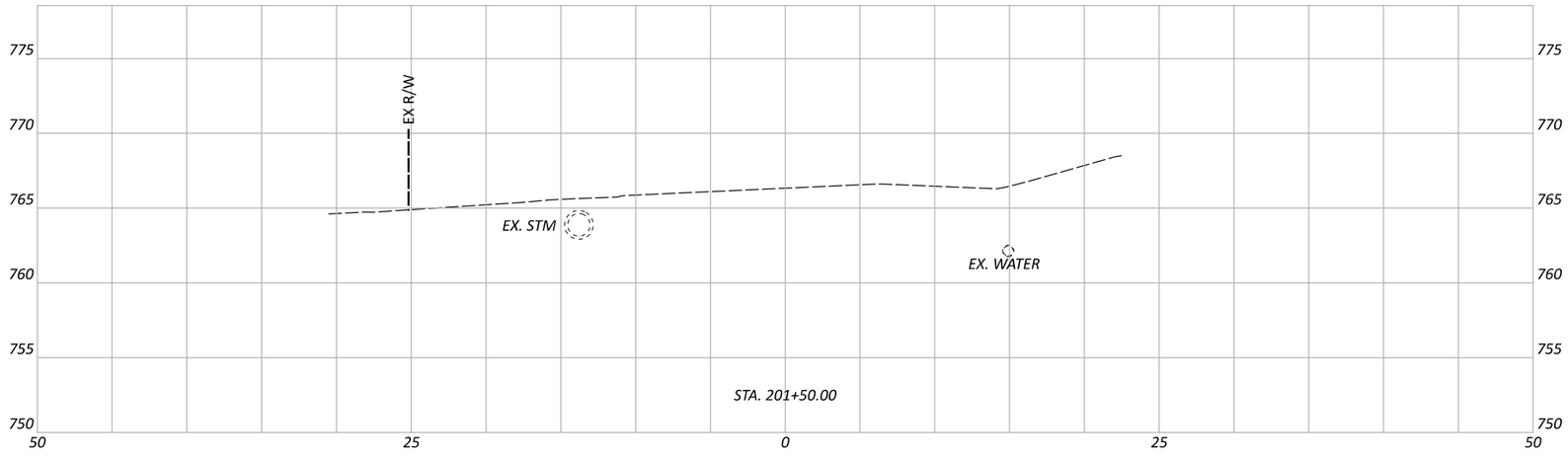






GAL-MERC-SUP

MODEL: CLP_SUP Station St - 201+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:43 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS003.dgn

CROSS SECTIONS - STATION ST.
STA 201+50.00 TO STA 202+50.00

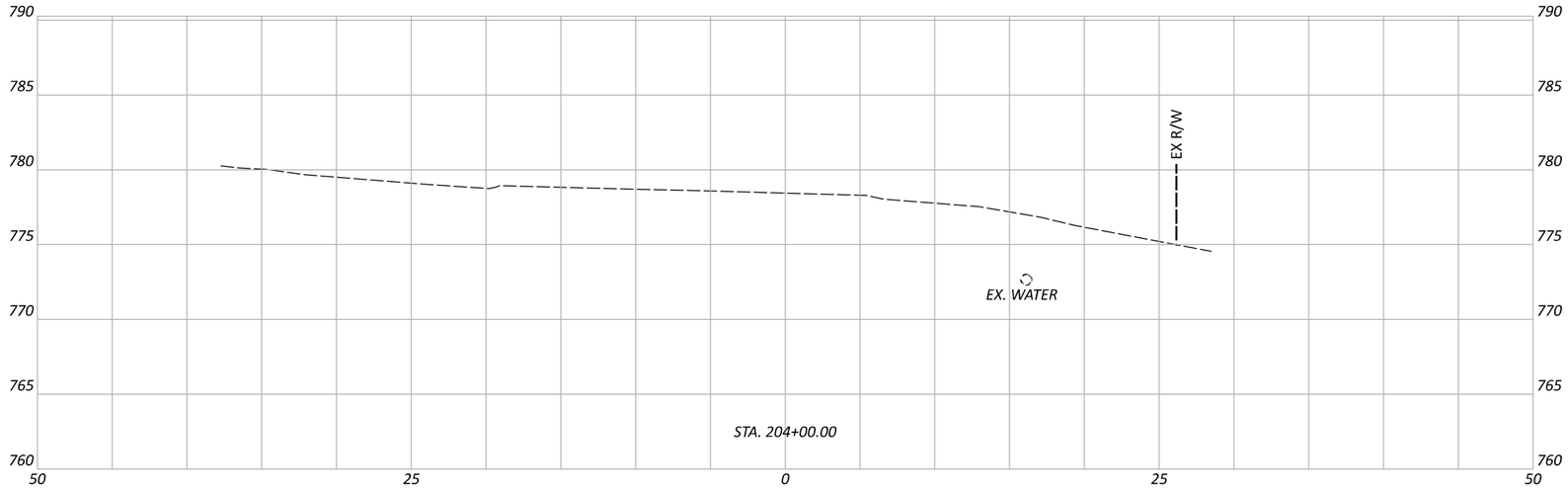
DESIGN AGENCY
DLZ

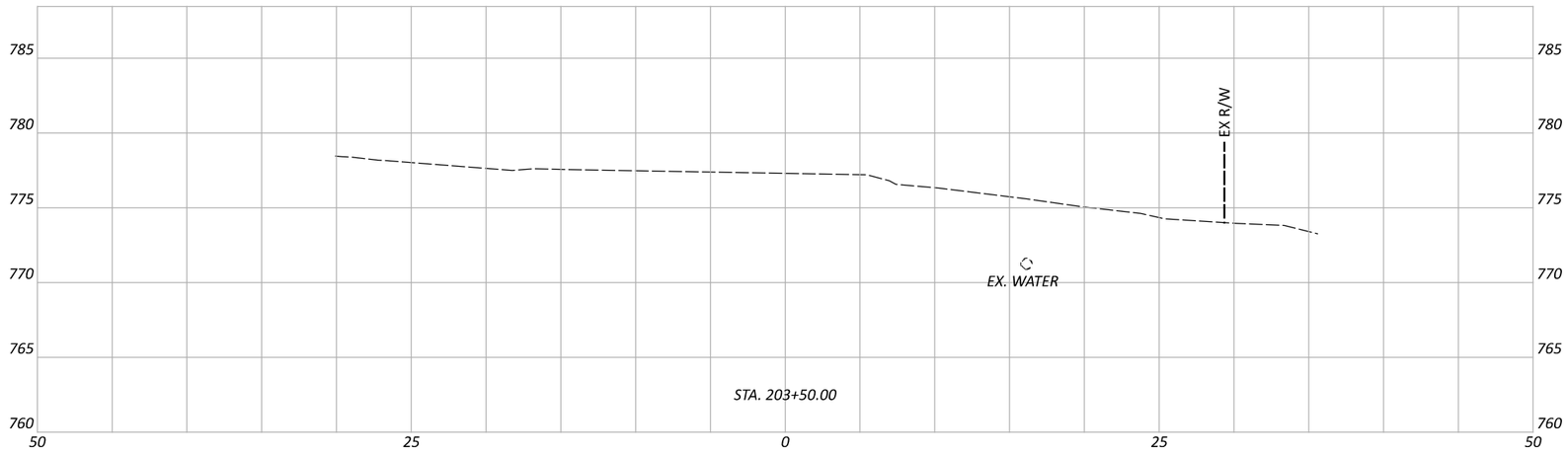
DESIGNER
EMH

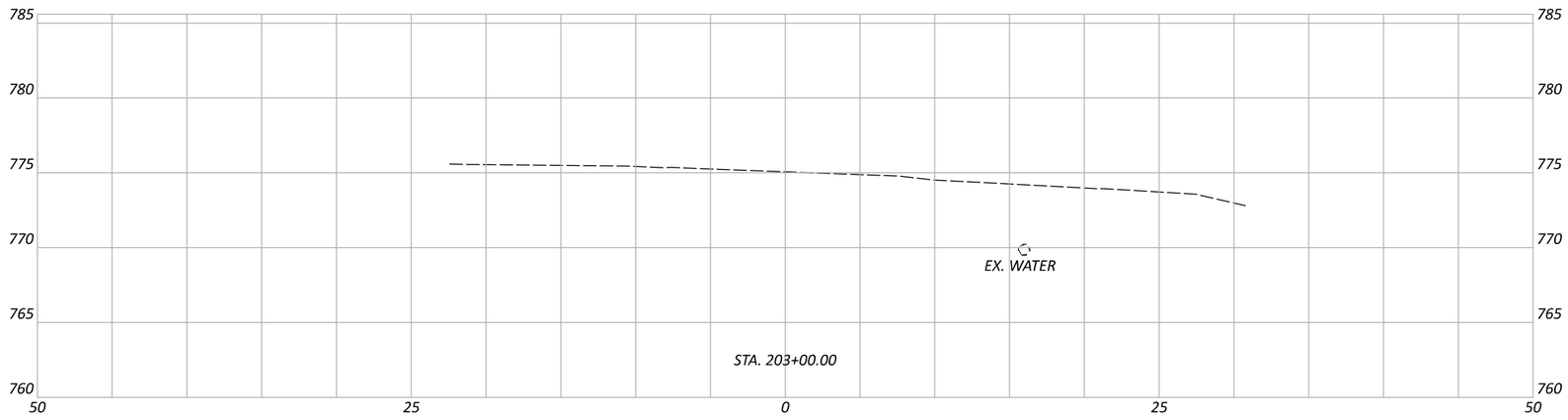
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 35 | TOTAL 51







GAL-MERC-SUP

MODEL: CLP_SUP Station St - 203+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:47 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS003.dgn

CROSS SECTIONS - STATION ST.
STA 203+00.00 TO STA 204+00.00

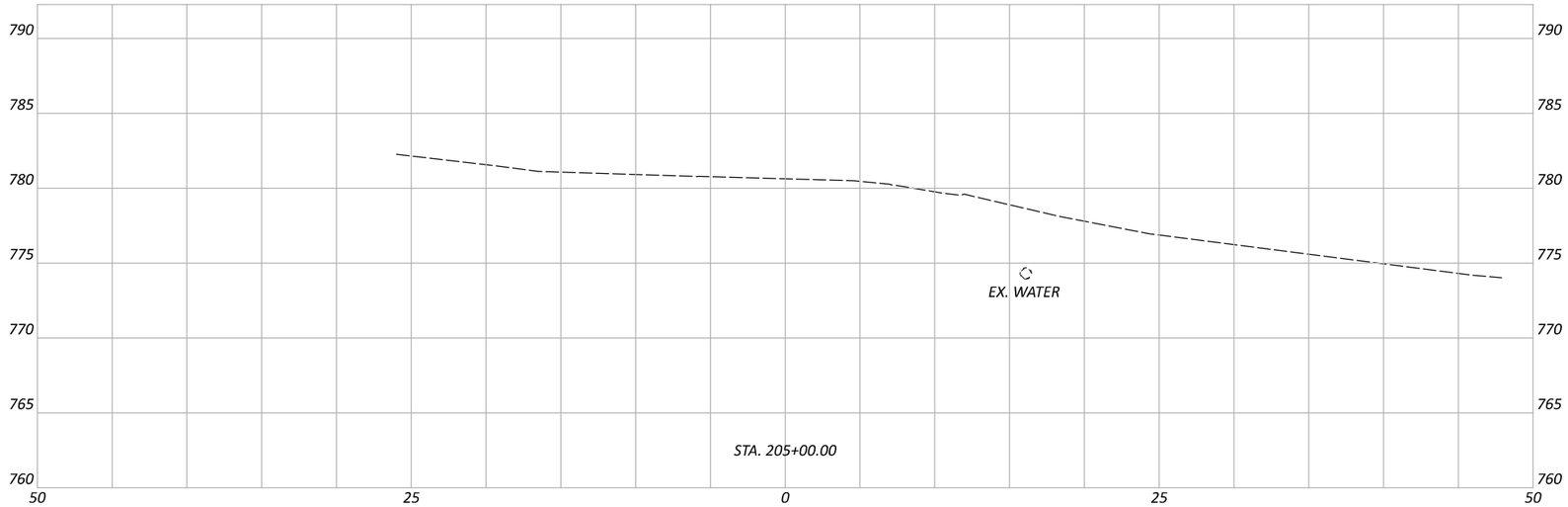
DESIGN AGENCY
DLZ

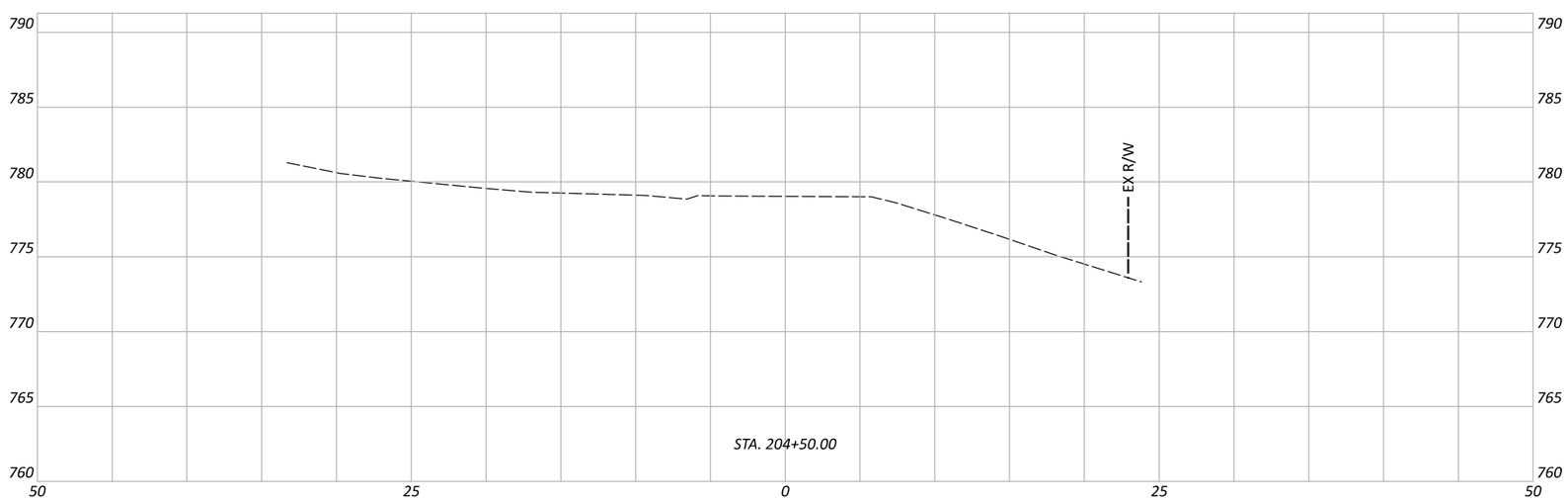
DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 36 | TOTAL 51





GAL-MERC-SUP

MODEL: CLP_SUP Station St - 204+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:52 PM USER: ehimes
X:\Projects\2024\24228\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS003.dgn

CROSS SECTIONS - STATION ST.
STA 204+50.00 TO STA 205+00.00

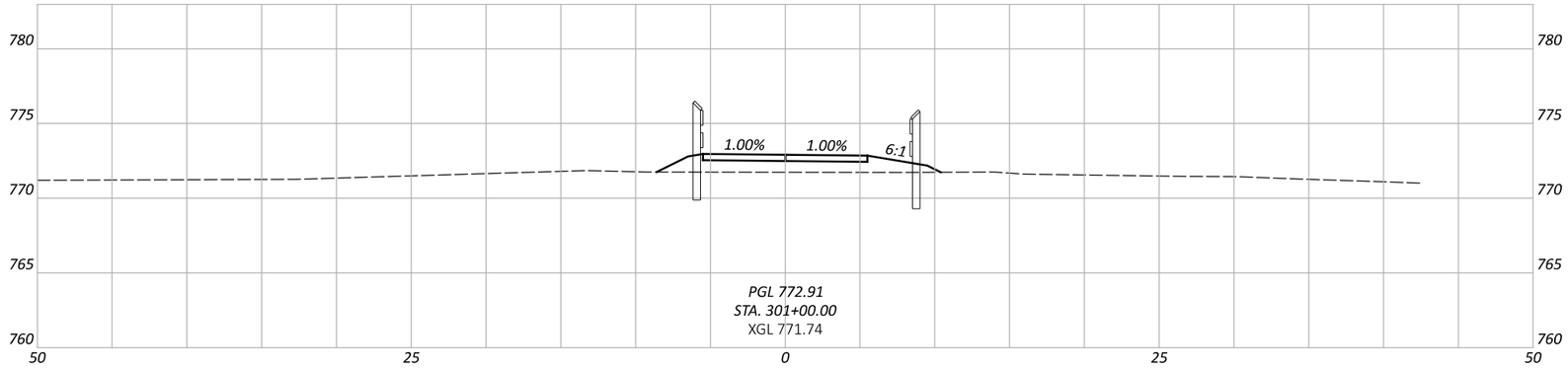
DESIGN AGENCY
DLZ

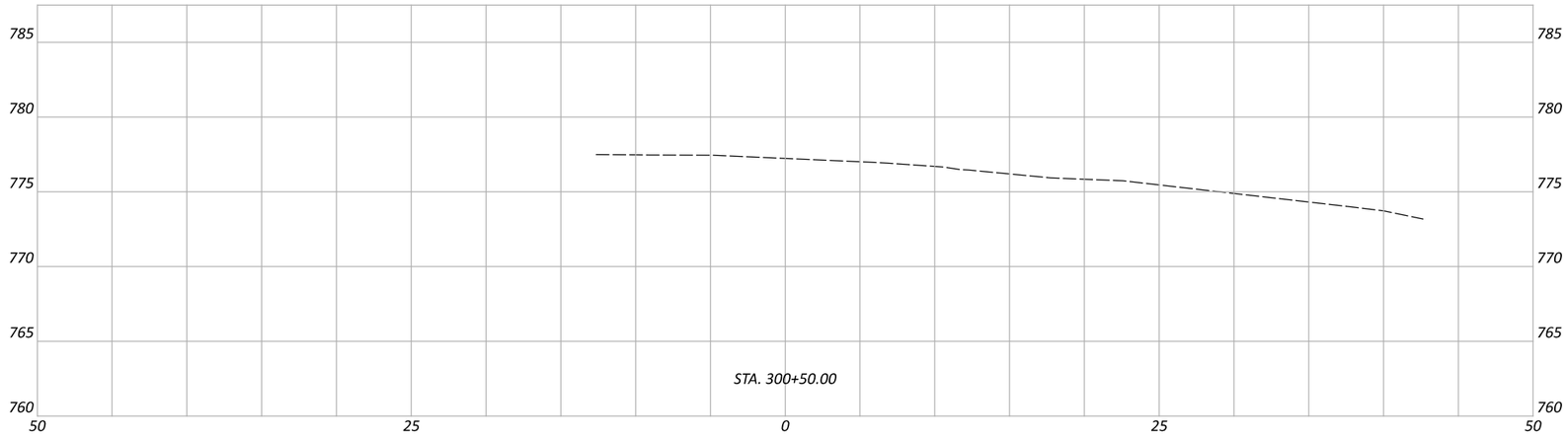
DESIGNER
EMH

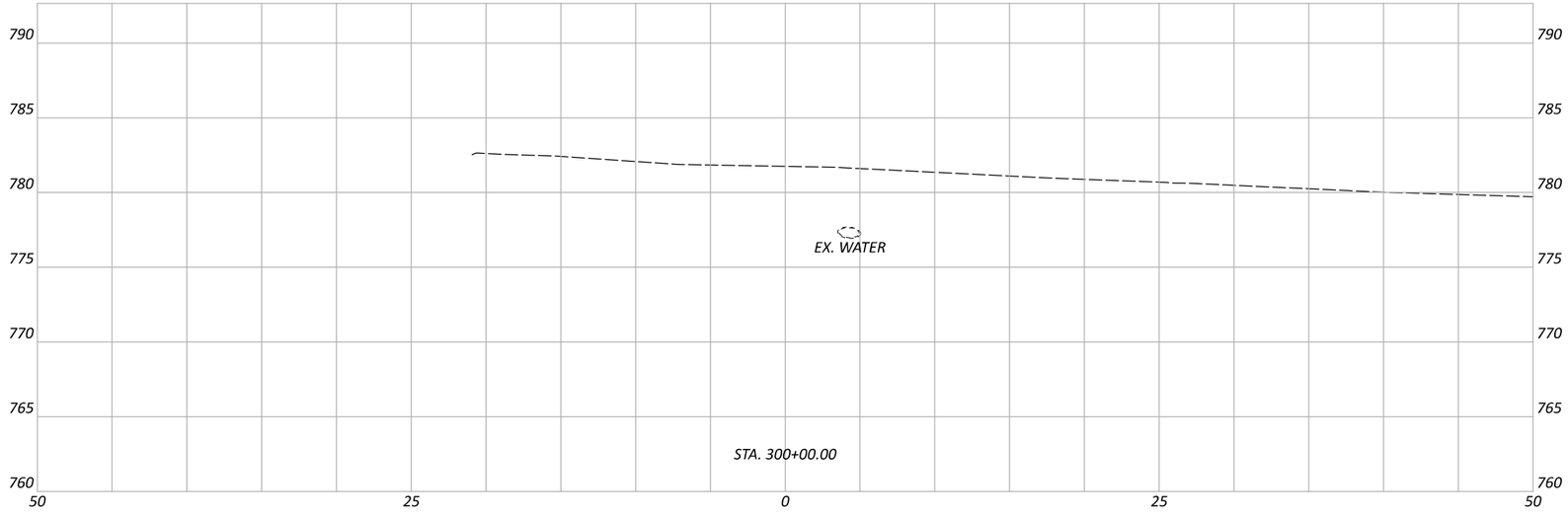
REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 37 | TOTAL 51







Addendum #1
02/17/2026

Hannah Trace Elementary Connector

Station	Cut Area (Sq.ft.)	Cut Volume (Cu.yd.)	Fill Area (Sq.ft.)	Fill Volume (Cu.yd.)	Seeding FT	Seeding (SY)
300+00.00	0	0	0	0	0	0
300+50.00	0	0	0	0	0	0
301+00.00	0	0	13.897	12.87	7.99	22.19
301+50.00	0	0	15.546	27.26	6.883	41.31
302+00.00	0.826	0.76	363.509	350.98	107.628	318.09
302+50.00	8.269	8.42	104.758	433.58	16.966	346.09
303+00.00	15.24	21.77	51.913	145.07	72.061	247.3
303+50.00	17.963	30.74	1.987	49.91	15.203	242.4
304+00.00	4.735	21.02	0.495	2.3	4.922	55.9
304+36.25	0	3.18	0	0.33	0	9.91
TOTAL		85.89		1022.3		1283.19

GAL-MERC-SUP

MODEL: CLP_HT Elementary Connector_REV - 300+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:34:56 PM USER: ehimes
X:\Projects\2024\24428\315400 Guyan Twp Mercerville Path TAP\120712\v00-Engineering\Roadway\Sheets\120712_XS014.dgn

CROSS SECTIONS - HANNAH TRACE ELEMENTARY CONNECTOR STA 300+00.00 TO STA 301+00.00

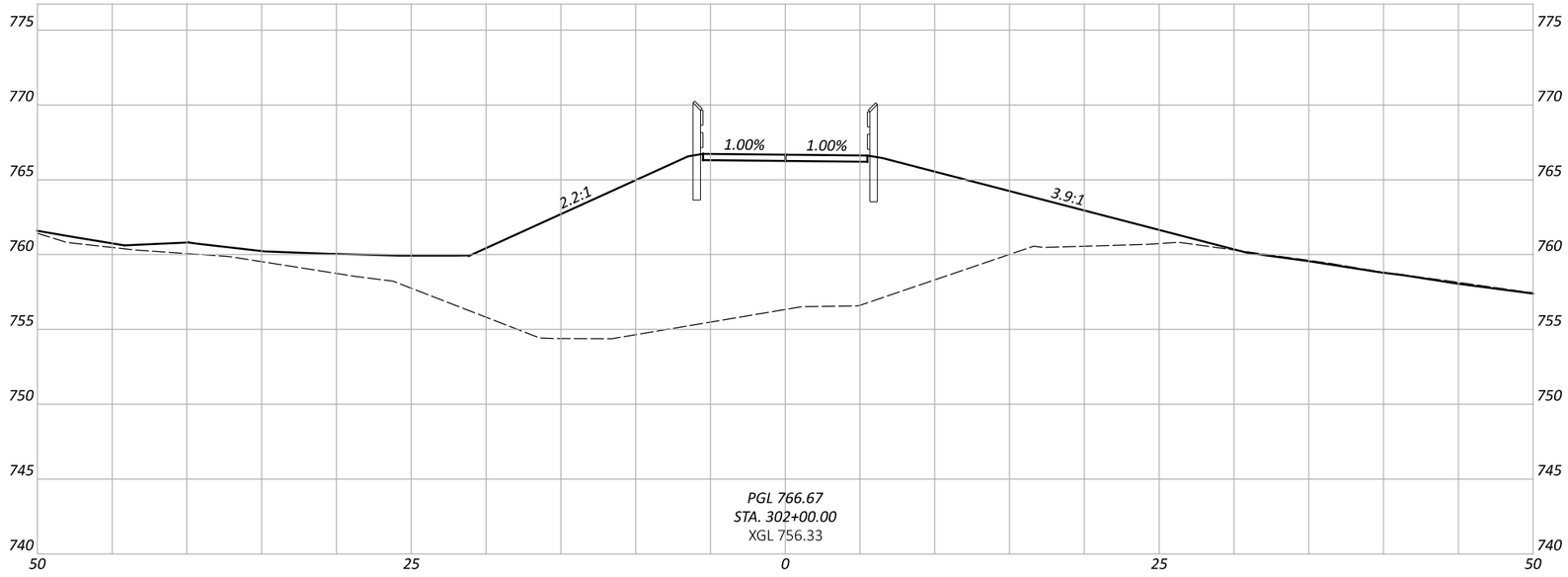
DESIGN AGENCY
DLZ

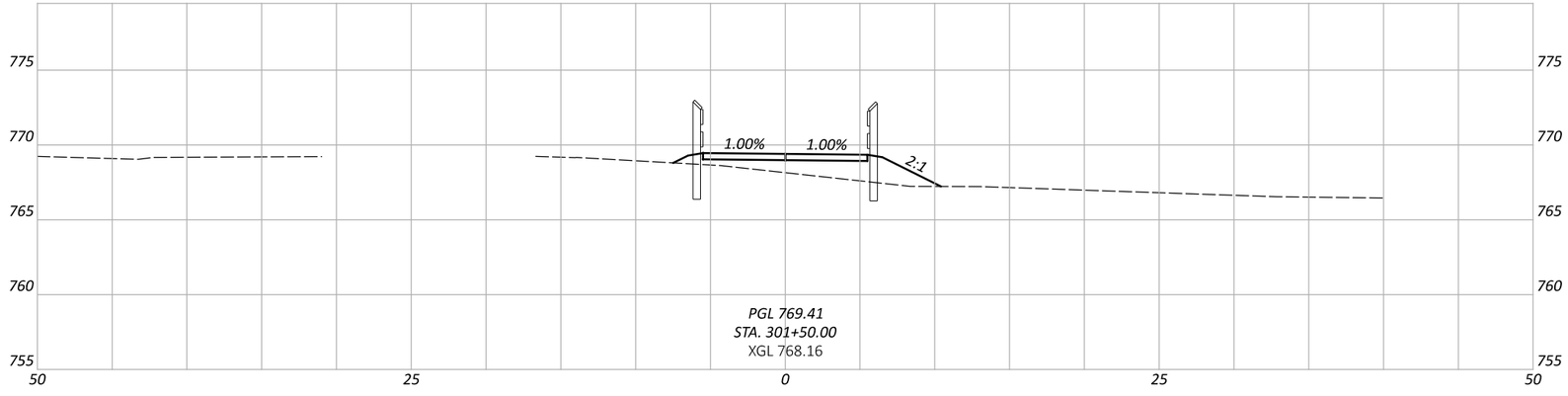
DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 38 | TOTAL 51





GAL-MERC-SUP

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CROSS SECTIONS - HANNAH TRACE ELEMENTARY CONNECTOR
STA 301+50.00 TO STA 302+00.00

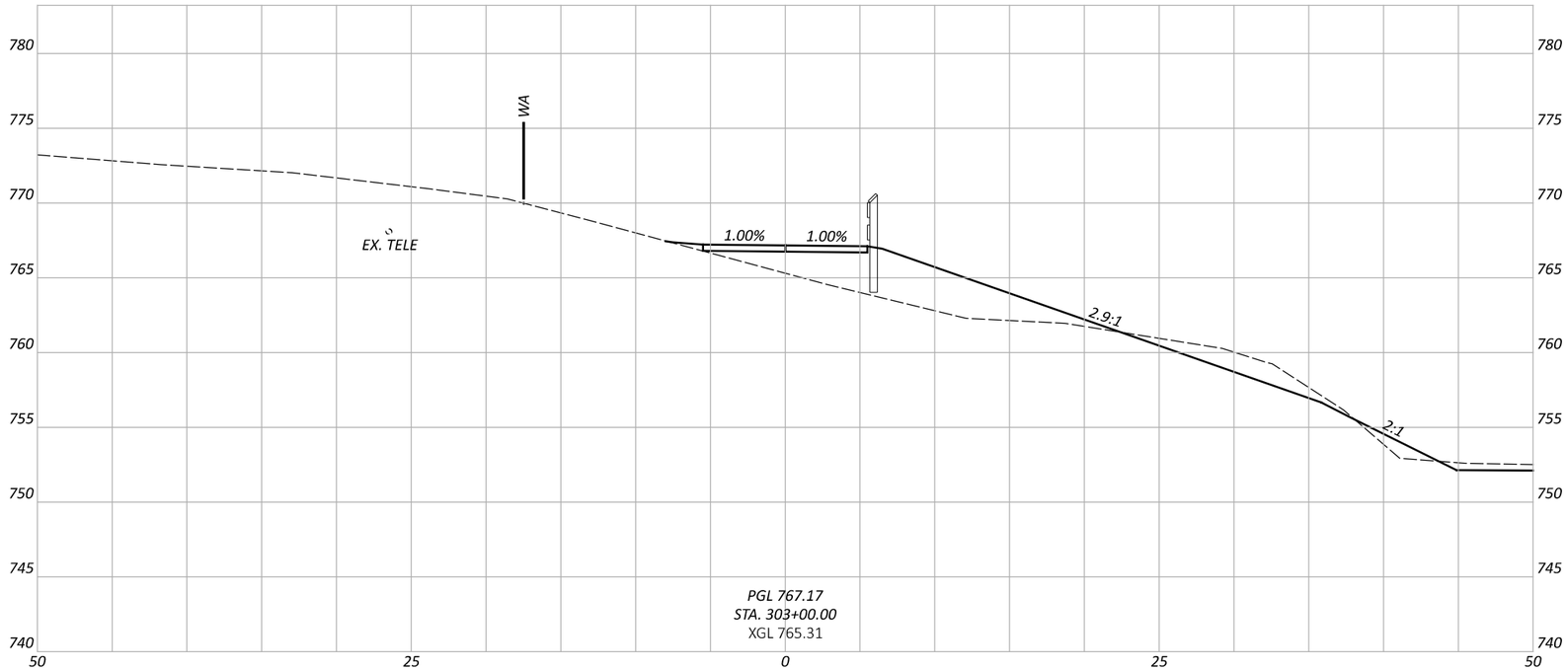
DESIGN AGENCY
DLZ

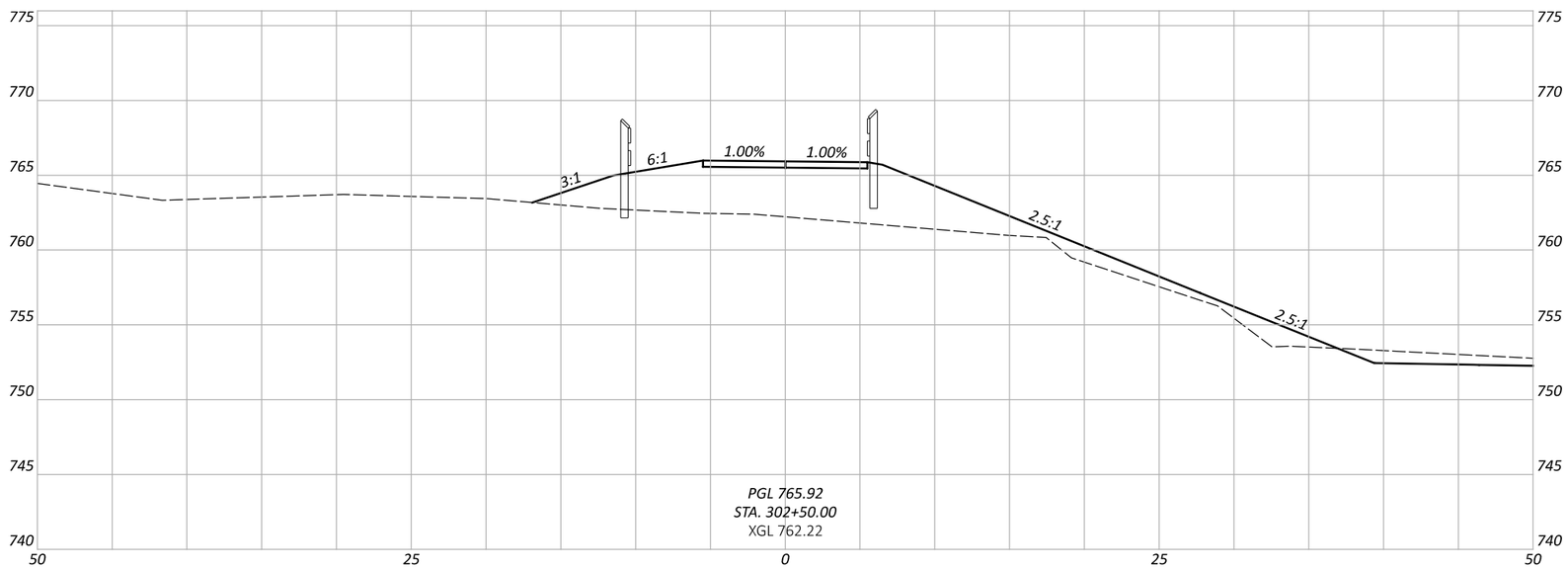
DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 39 | TOTAL 51





GAL-MERC-SUP

MODEL: CLP_HT Elementary Connector_REV - 302+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:03 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS014.dgn

CROSS SECTIONS - HANNAH TRACE ELEMENTARY CONNECTOR
STA 302+50.00 TO STA 303+00.00

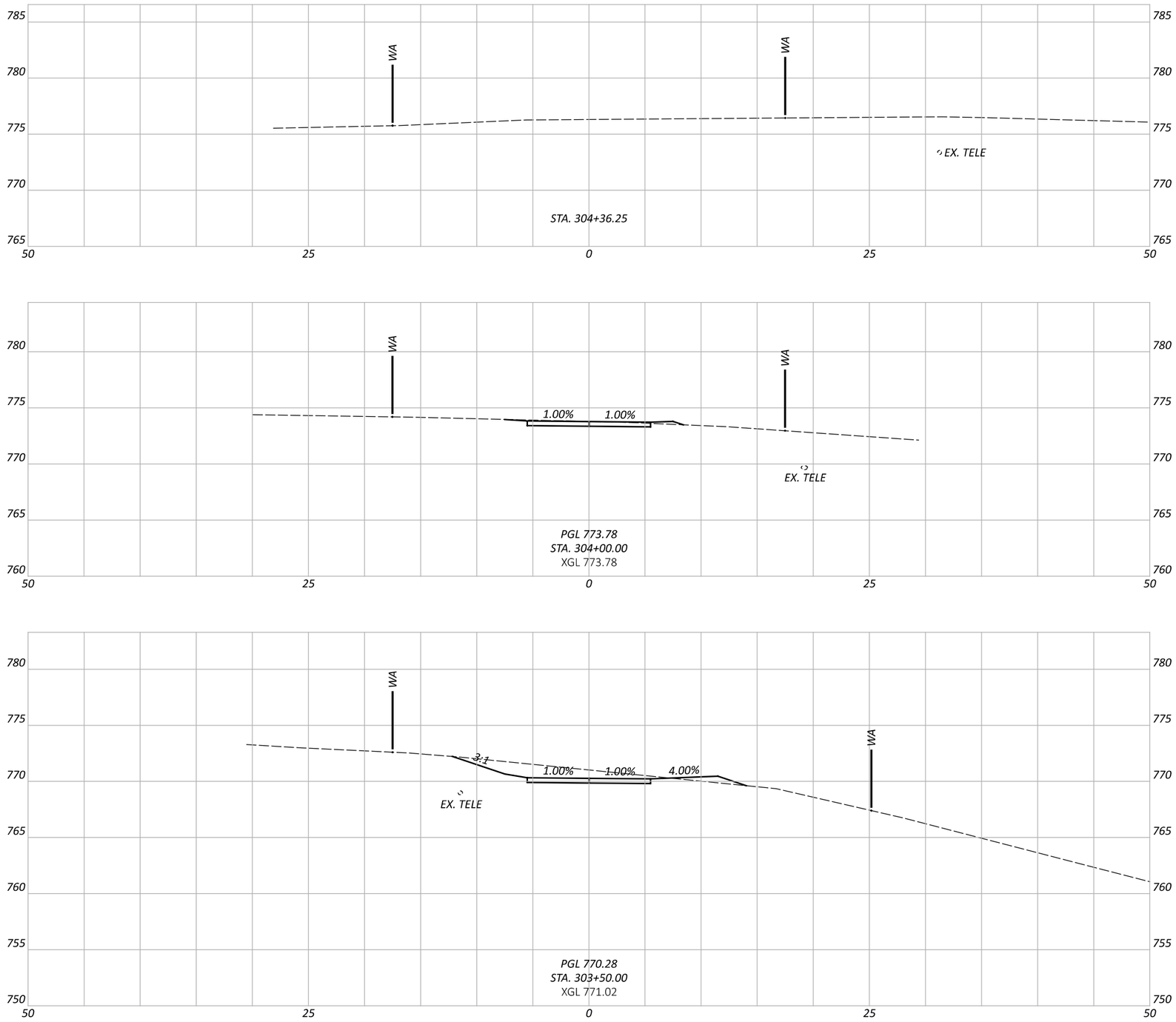
DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

PROJECT ID
120712

SHEET 40 | TOTAL 51



GAL-MERC-SUP

MODEL: CLP_HT Elementary Connector_REV - 303+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:06 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_XS014.dgn

CROSS SECTIONS - HANNAH TRACE ELEMENTARY CONNECTOR
STA 303+50.00 TO STA 304+36.25

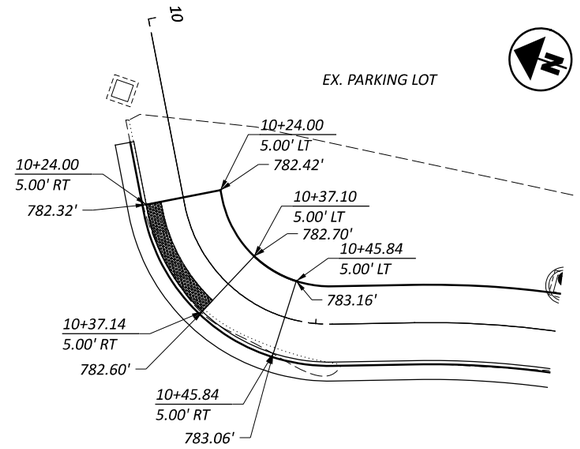
DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CAM 11/14/25

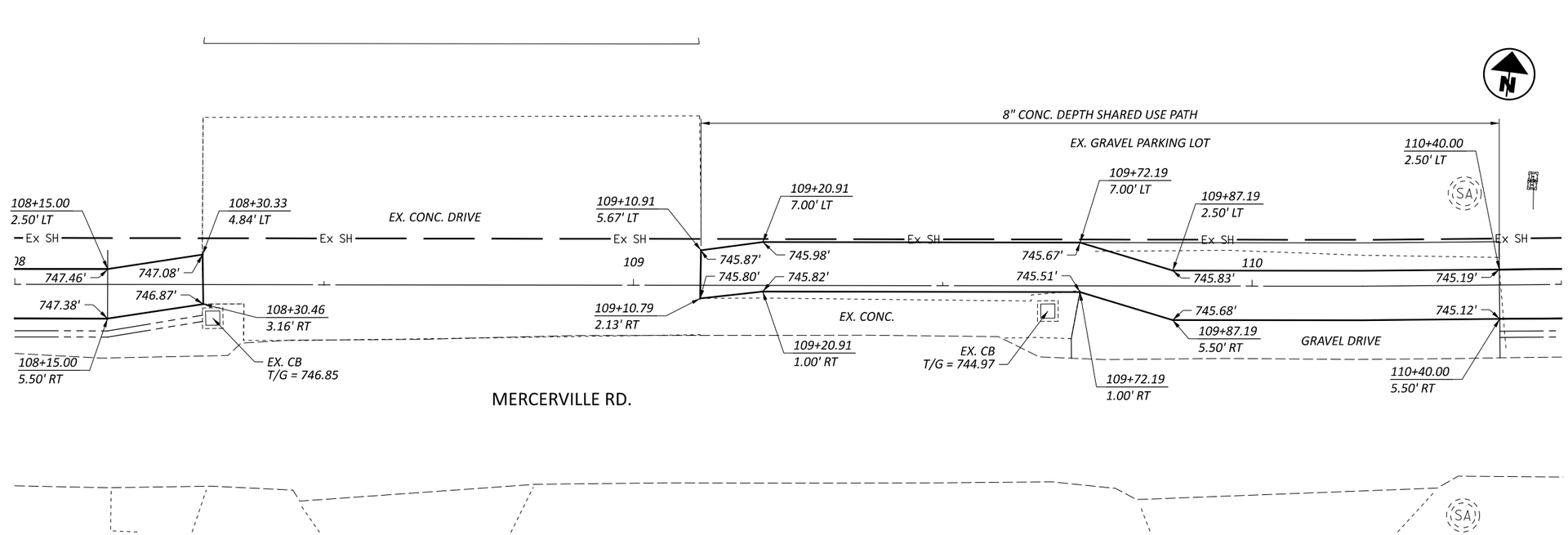
PROJECT ID
120712

SHEET 41 | TOTAL 51



OLD HANNAH TRACE RD.

CURB RAMP DETAIL - OLD HANNAH TRACE RD.



PATH DETAIL - FIRE DEPARTMENT ACCESS - MERCERVILLE RD.

HORIZONTAL SCALE IN FEET
0 5 10 20

SHARED USE PATH AND CURB RAMP DETAILS

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 42 | TOTAL 51

GAL-MERC-SUP

MODEL: SH1 - Intersection Details [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:11 PM USER: ehimes
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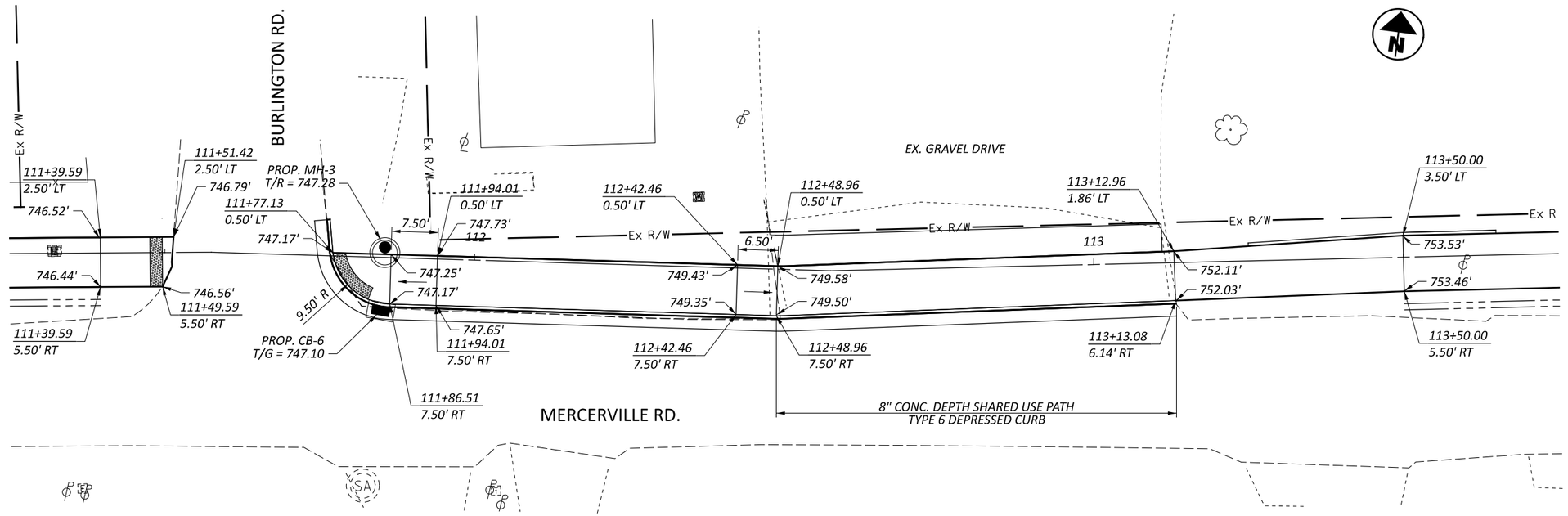
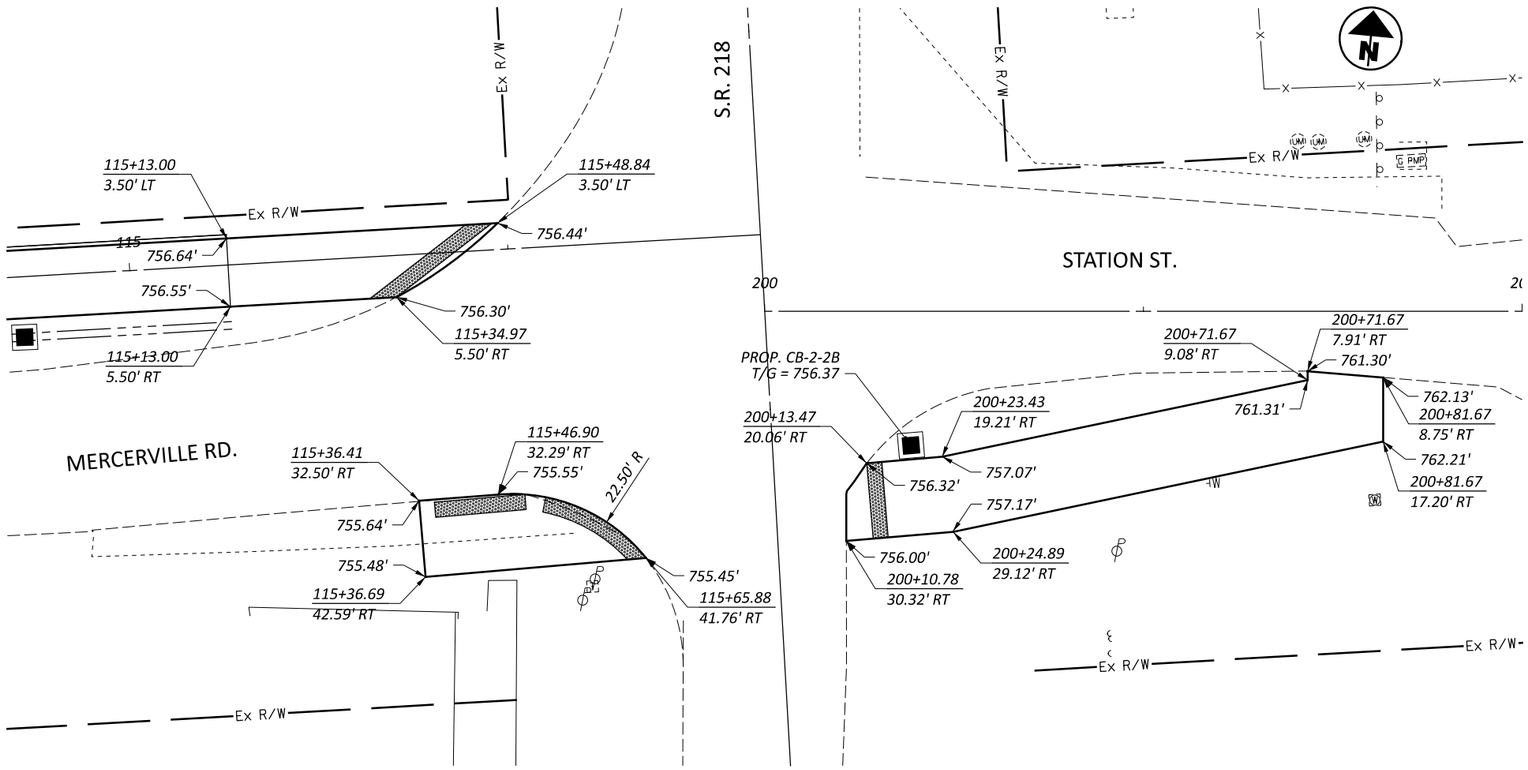


PATH DETAIL - MERCERVILLE RD. AT BURLINGTON RD.



PATH DETAIL - MERCERVILLE RD./STATION ST. AT S.R. 218

HORIZONTAL SCALE IN FEET
0 5 10 20

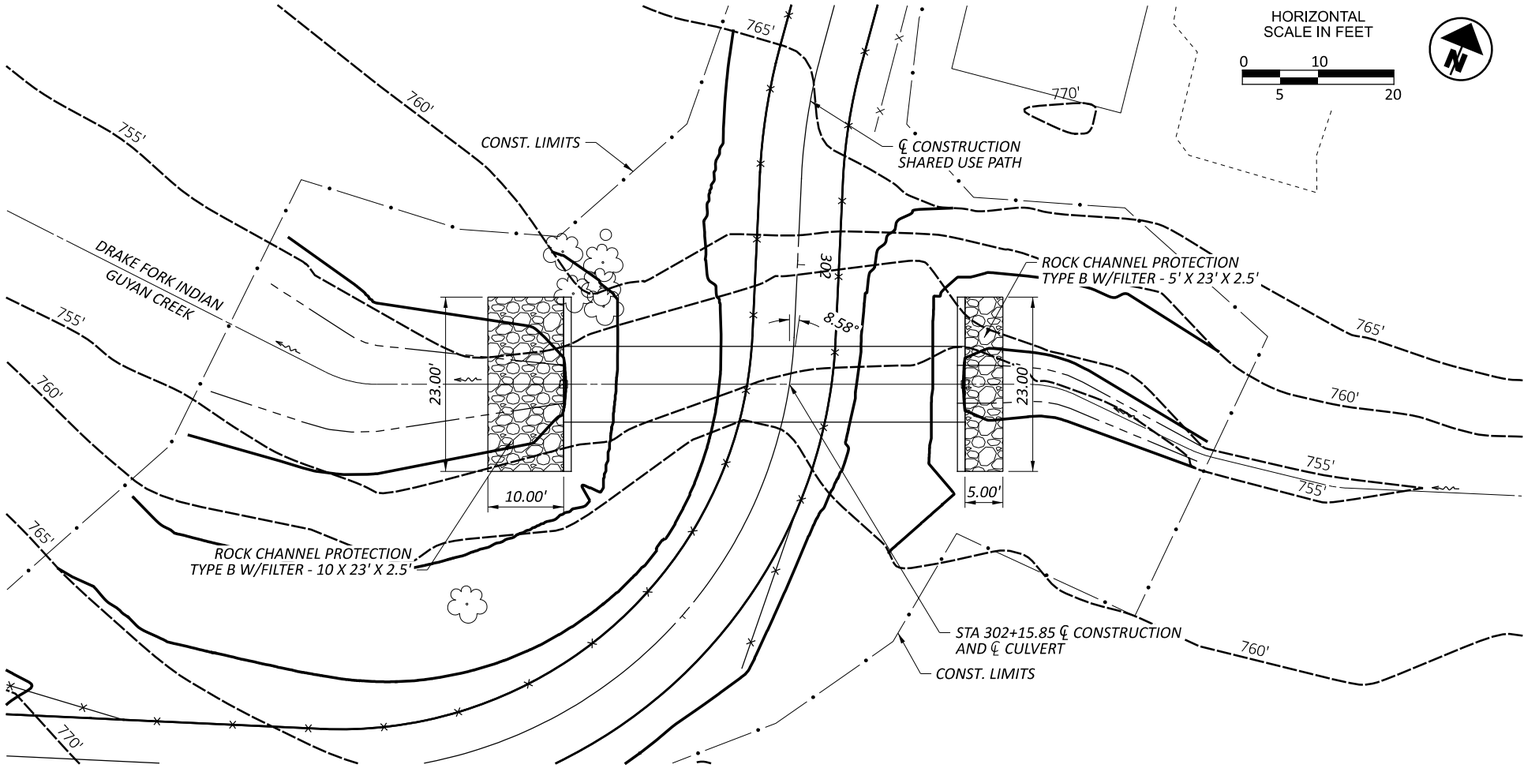
SHARED USE PATH AND CURB RAMP DETAILS

GAL-MERC-SUP

MODEL: SH2 - Intersection Details [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:13 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Roadway\Sheets\120712_GI001.dgn

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	43
TOTAL	51



QUANTITIES CARRIED TO DRAINAGE SUBSUMMARY

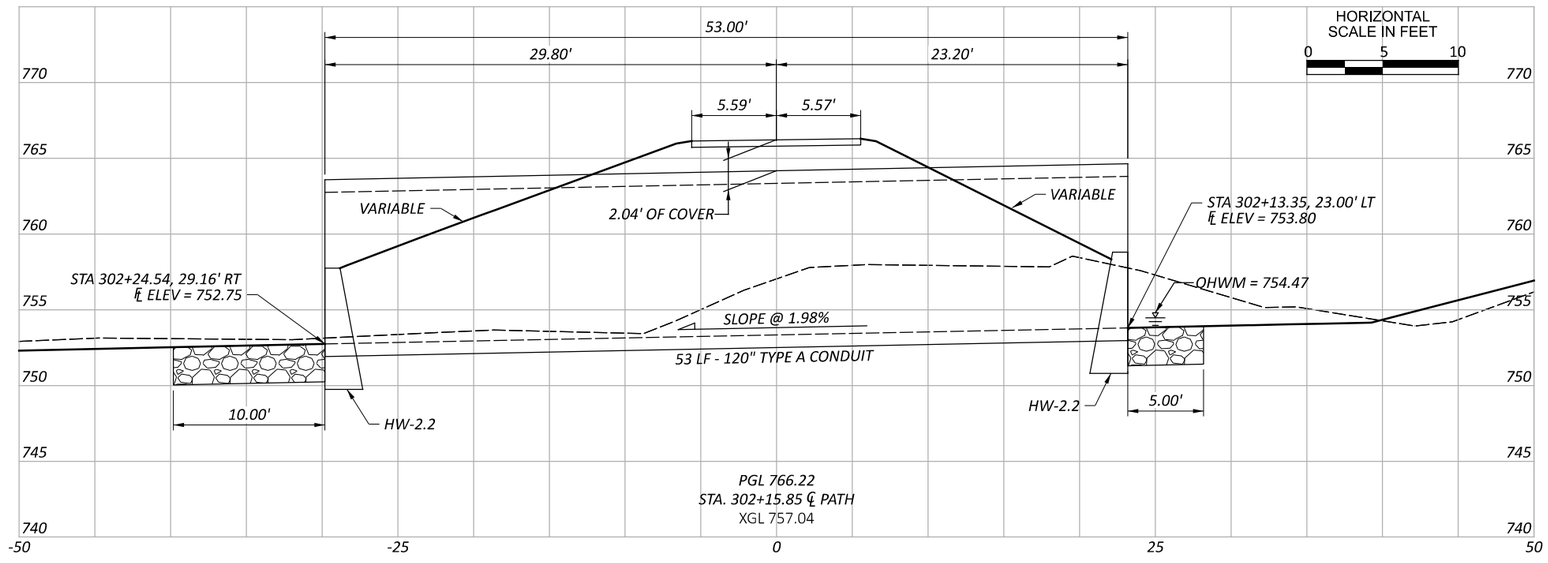
ESTIMATED QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
601	32	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER
602	18	CY	CONCRETE MASONRY
611	53	FT	120" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 344 ACRES
Q (4%) = 230 CFS V (4%) = 11 FT/S
Q (1%) = 325 CFS V (1%) = 13 FT/S
ORDINARY HIGH WATER MARK : 754.47 FT

PROPOSED STRUCTURE

TYPE : 120" CONDUIT, TYPE A
SKEW : 8.58°
ALIGNMENT : TANGENT
CFN : XXXXXXX



CULVERT DETAIL

GAL-MERC-SUP

MODEL: Culvert Detail [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:16 PM USER: ehimes
X:\Projects\2024\24428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Drainage\Sheets\120712_DC001.dgn

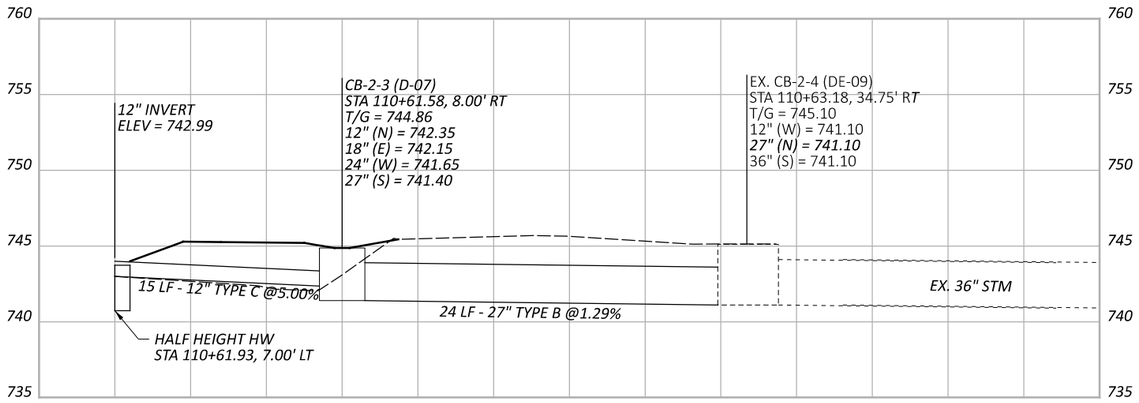
DESIGN AGENCY
DLZ

DESIGNER
EMH

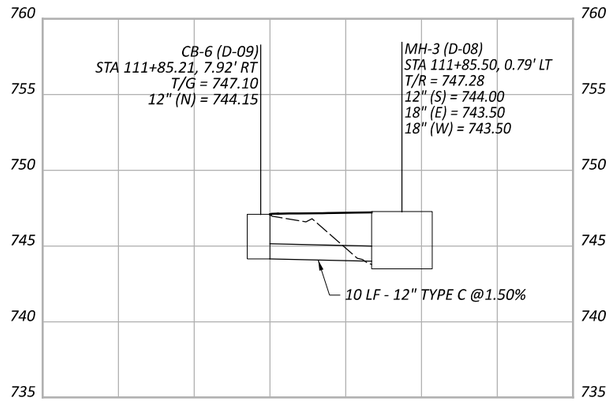
REVIEWER
CSR 04/24/25

PROJECT ID
120712

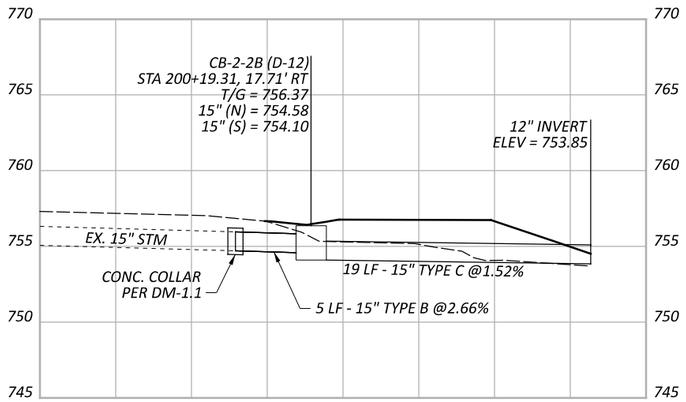
SHEET 44 | TOTAL 51



DRAINAGE PROFILE - D-07 TO DE-09



DRAINAGE PROFILE - D-09 TO D-08



DRAINAGE PROFILE - D-12

DRAINAGE PROFILES

GAL-MERC-SUP

MODEL: DRP_D-07 TO DE-09 - Profile 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:20 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Drainage\Sheets\120712_DF001.dgn

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 45 | TOTAL 51

REF NO.	SHEET NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630 GROUND MOUNTED SUPPORT, NO. 3 POST FT	630 STREET NAME SIGN 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 SIGN AND REERECTION EACH	630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL EACH	630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION EACH	630 SIGNING, MISC.:SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY EACH
S1	48	OLD HANNAN	10+61	RT	R5-3	24 x 24	12.5			4					
S2	48	TRACE RD	10+93	RT	R7-1	12 x 18	12			1.5	1		1		
S3	48		11+55	LT	SPECIAL							1		1	
S4	48		12+20	RT	S1-1	36 x 36	14			9	1		1		
					S4-3P	24 x 8				1.33	1				
					R2-1	24 x 30				5	1				
S6	49	MERCERVILLE RD	105+00	RT	S5-H1	24 x 48	14.5			8					
S7	49		106+00	RT	S1-1	36 x 36	11.5			9					
					S4-3P	24 x 8				1.33					
					W16-9P	24 x 12				2					
S8	49		107+50	RT	W5-4a	18 x 18	12			2.25					
S9	49		111+38	LT	R5-3	24 x 24	12.5			4					
S10	49		111+50	LT	R1-1	30 x 30	13		1	6.25	1		1		
S11	49		112+36	RT	S5-H1	EX.					1		1		
S12	49		113+62	RT	S1-1	EX.					1		1		
					S4-3P	EX.					1				
S13	49		114+00	LT	W5-4a	18 x 18	12			2.25					
S14	50		115+10	LT	R5-3	24 x 24	12.5			4					
S15	50		115+32	RT	R1-1	30 x 30		14	1	6.25	1		1		
					D3-1	EX.						1	1		
S16	50		115+62	RT	W11-15	30 x 30									1
					W16-7P	24 x 12									
S17	50	STATION ST	200+15	RT	W11-15	30 x 30									1
					W16-7P	24 x 12									
S18	50		200+29	RT	R1-1	30 x 30	13		1	6.25	1		1		
S19	50		201+50	RT	W11-15	30 x 30	13			6.25					
					W16-1P	18 x 24				3					
S20	50		203+00	LT	W11-15	30 x 30	13			6.25					
					W16-1P	18 x 24				3					
S21	51		204+50	RT	D11-1	24 x 18	12			3					
					M5-1	12 x 9				0.75					
S22	51	HANNAN TRACE	300+90	RT	R5-3	24 x 24	12.5			4					
S23	51	ELEMENTARY CONNECTOR	301+10	LT	D11-1	24 x 18	12			3					
					M5-1	12 x 9				0.75					
S24	51		304+16	LT	R5-3	24 x 24	12.5			4					
TOTALS CARRIED TO GENERAL SUMMARY							215	14	3	107	10	2	8	1	2

SIGNING SUBSUMMARY

GAL-MERC-SUP

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:22 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Traffic\Sheets\120712_TS001.dgn

DESIGN AGENCY
DLZ

DESIGNER
ABS

REVIEWER
EMH 08/15/25

PROJECT ID
120712

SHEET 46 TOTAL 51

REF NO.	SHEET NO.	STATION TO STATION			642 STOP LINE, TYPE 1 FT	642 CROSSWALK LINE, TYPE 1 FT
			TO			
SL-1	49	111+51.96		111+63.48	12	
CW-1	49	111+50.05		111+81.58		31
CW-2	49	111+51.65		111+76.26		25
SL-2	50	115+32.20		115+34.41	11	
CW-3	50	115+38.41				29
CW-4	50	115+50.41				37
CW-5	50	115+50.41		115+95.70		45
CW-6	50	115+65.88		115+92.43		27
TOTALS CARRIED TO GENERAL SUMMARY					23	194

PAVEMENT MARKING SUBSUMMARY

GAL-MERC-SUP

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:23 PM USER: ehines
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Traffic\Sheets\120712_TS002.dgn

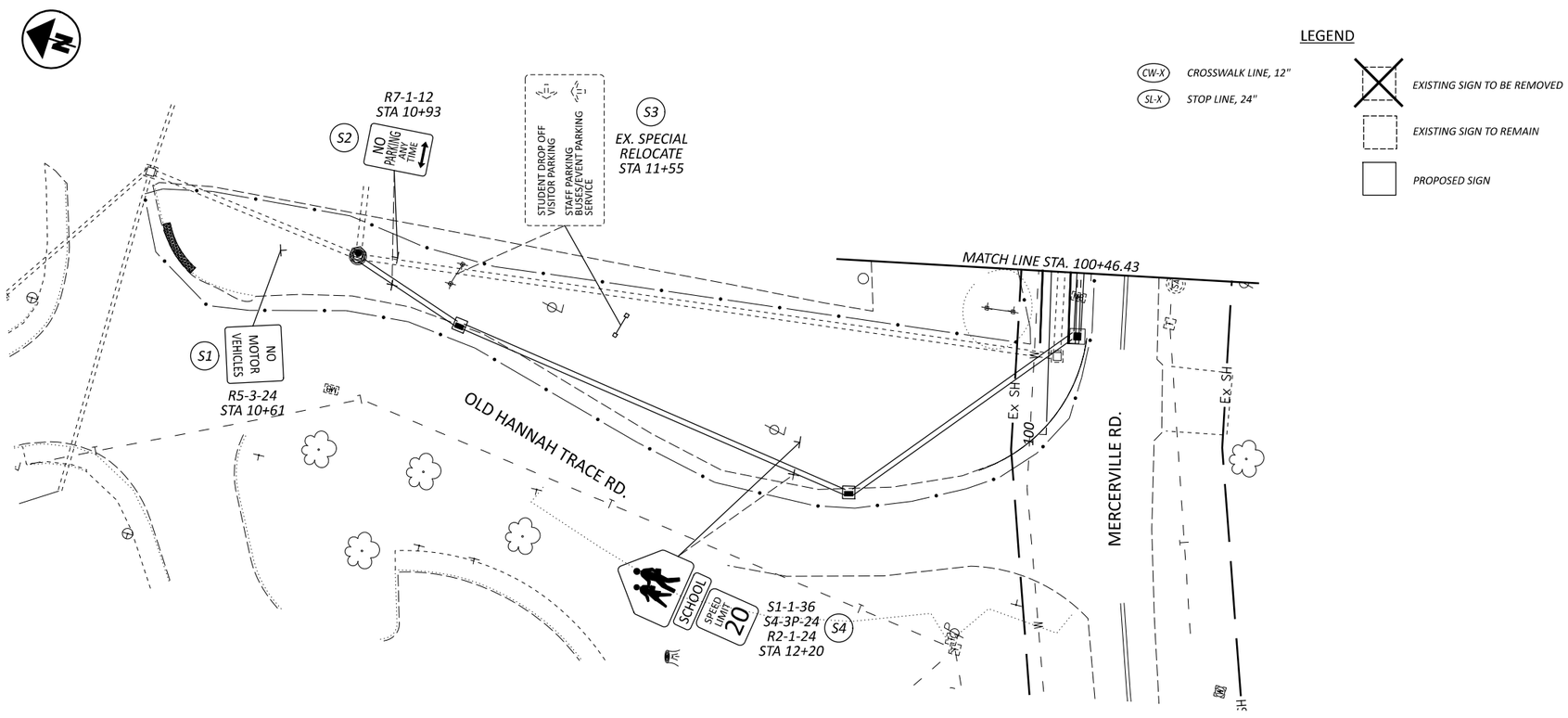
DESIGN AGENCY
DLZ

DESIGNER
ABS

REVIEWER
EMH 08/15/25

PROJECT ID
120712

SHEET 47 TOTAL 51



HORIZONTAL SCALE IN FEET
0 10 20 40

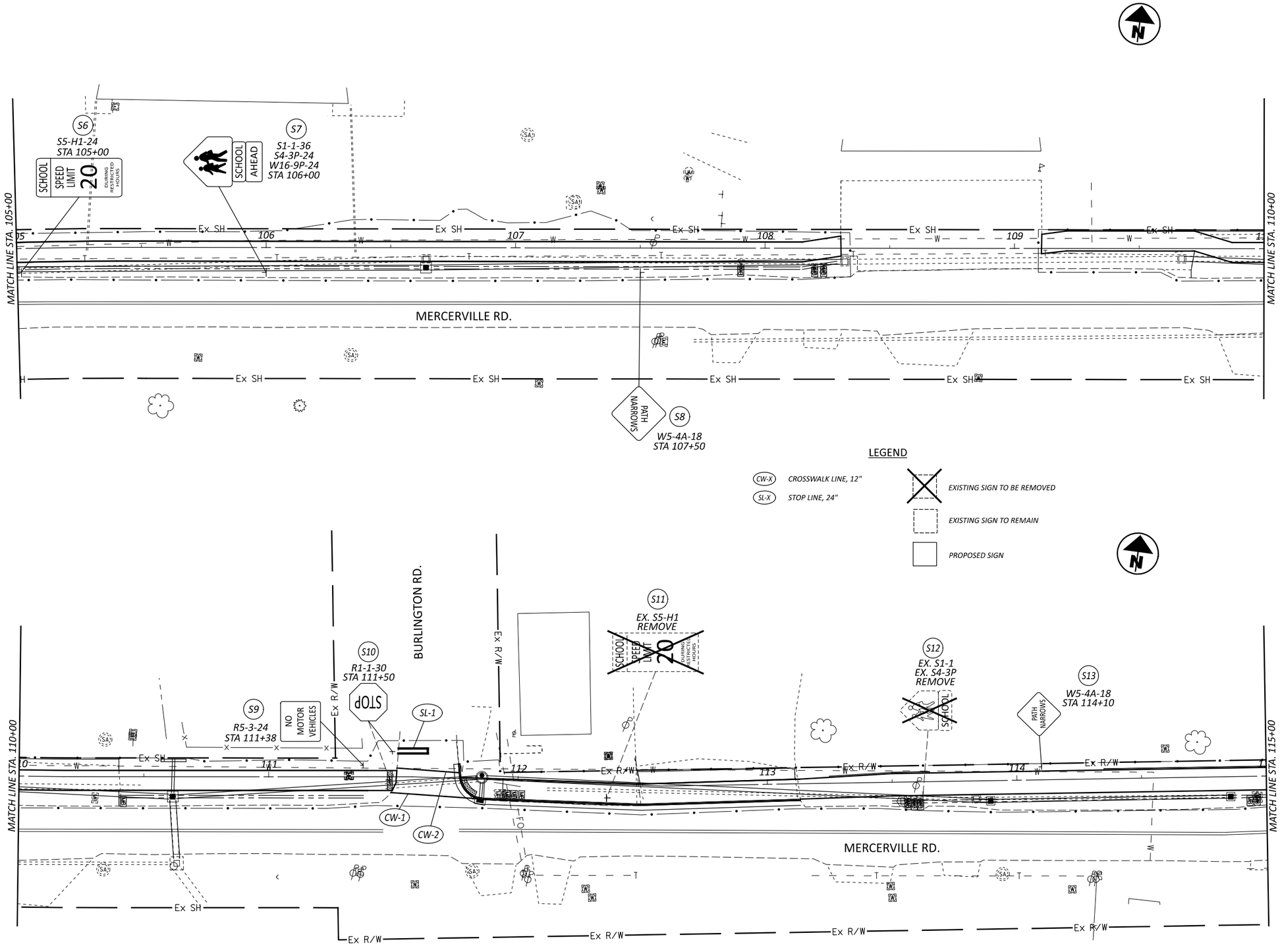
TRAFFIC CONTROL PLAN
STA 1+00 TO STA 105+00

GAL-MERC-SUP

MODEL: SH1 - Traffic Control Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:27 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Traffic\Sheets\120712_TP001.dgn

DESIGN AGENCY
DLZ

DESIGNER	EMH
REVIEWER	CSR 04/24/25
PROJECT ID	120712
SHEET	48
TOTAL	51



HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN
STA 105+00 TO STA 115+00

GAL-MERC-SUP

MODEL: SH2 - Traffic Control Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:30 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Traffic\Sheets\120712_TP001.dgn

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 49 TOTAL 51

LEGEND

CW-X	CROSSWALK LINE, 12"
SL-X	STOP LINE, 24"
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO REMAIN
	PROPOSED SIGN

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN
STA 115+00 TO STA 204+00

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 50 TOTAL 51

GAL-MERC-SUP

MODEL: SH3 - Traffic Control Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:32 PM USER: ehimes
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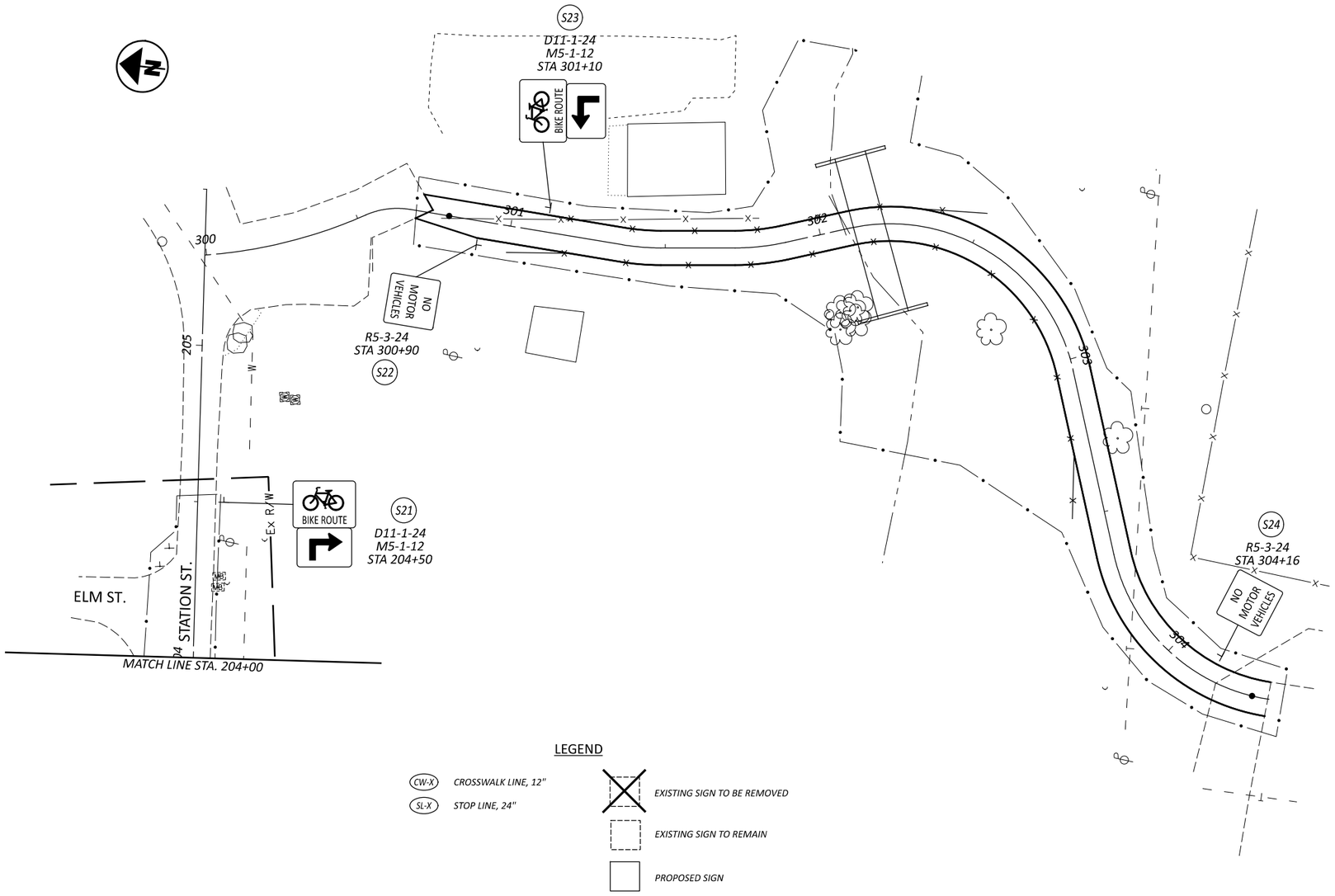

LEGEND

CW-X — CROSSWALK LINE, 12"	EXISTING SIGN TO BE REMOVED
SL-X — STOP LINE, 24"	EXISTING SIGN TO REMAIN
	PROPOSED SIGN

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN
STA 204+00 TO STA 304+36

GAL-MERC-SUP

MODEL: SH4 - Traffic Control Plan [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/17/2026 TIME: 12:35:33 PM USER: ehimes
X:\Projects\2024\2428\315400 Guyan Twp Mercerville Path TAP\120712\400-Engineering\Traffic\Sheets\120712_TP001.dgn

DESIGN AGENCY
DLZ

DESIGNER
EMH

REVIEWER
CSR 04/24/25

PROJECT ID
120712

SHEET 51 | TOTAL 51