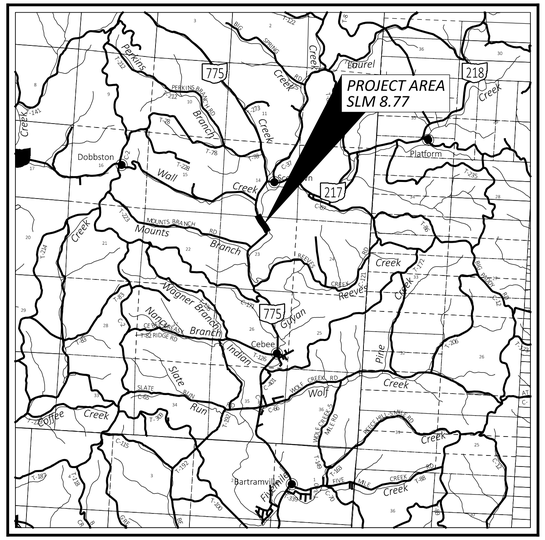
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAW-775-8.77

WINDSOR TOWNSHIP

LAWRENCE COUNTY



LOCATION MAP

LATITUDE: 38°31'37" LONGITUDE: -82°23'24"

N

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

DESIGN DESIGNATION

CURRENT ADT (2024)	1500
DESIGN YEAR ADT (2044)	1500
DESIGN HOURLY VOLUME (2044)	200
DIRECTIONAL DISTRIBUTION	65%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	55
LEGAL SPEED	45
DESIGN FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

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:
ODOT OFFICE OF GEOTECHNICAL ENGINEERING
1980 WEST BROAD STREET
COLUMBUS, OH 43223

INDEX OF SHEETS:

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RIGHT OF WAY	RW. 1 - RW. 6

FEDERAL PROJECT NUMBER

E250157

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

PROJECT CONSISTS OF ROCKFALL REMEDIATION ON STATE ROUTE 775 IN LAWRENCE COUNTY FROM APPROXIMATE MILE POST 8.77 TO 8.96 ADDITIONAL IMPROVEMENTS INCLUDE UPDATE OF DRAINAGE VIA NEW DITCH GRADING, REMOVAL OF CURB AND GUTTER, AND REPLACEMENT OF CULVERTS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.96 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.47 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A ACRES (NOI NOT REQUIRED)*

*ROUTINE MAINTENANCE PROJECT

2023 SPECIFICATIONS

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

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE SET FORTH ON THE PLANS AND ESTIMATES.

Michael G. Dombrowski
District 09 Deputy Director

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
MT-96.11	7/18/25					800	7/18/25	
MT-96.20	7/18/25					832	7/18/25	
MT-101.70	7/19/24					862	1/17/25	
MT-101.75	7/21/23					961	4/17/20	
RM-4.1	1/17/20							

ENGINEER'S SEAL	ENGINEER'S SEAL
FOR THE GEOTECHNICAL ENGINEERING DESIGN	FOR THE ROADWAY PLANS
STATE OF OHIO ANDREW J. CHUDZIK PE. 88592 REGISTERED PROFESSIONAL ENGINEER	STATE OF OHIO MATTHEW W. HURST PE. 85871 REGISTERED PROFESSIONAL ENGINEER
achudzik	mhurst2

TITLE SHEET

DESIGN AGENCY

DESIGNER AJC
REVIEWER MWH 10/17/25
PROJECT ID 118778
SHEET P.1 TOTAL 53

LAW-775-8.77

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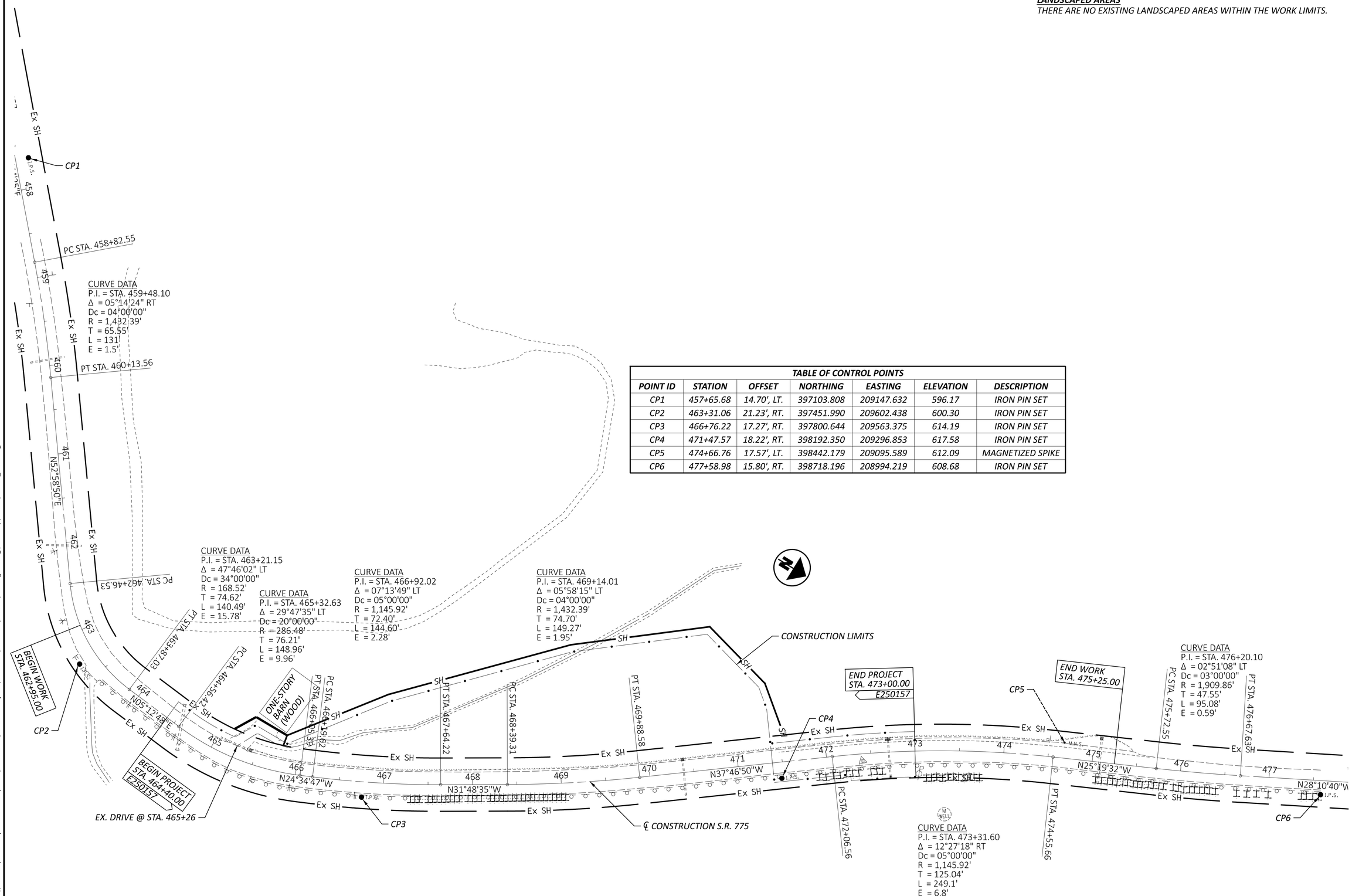
LANDSCAPED AREAS
THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMITS.

HORIZONTAL SCALE IN FEET
0 25 50 100

TABLE OF CONTROL POINTS						
POINT ID	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP1	457+65.68	14.70', LT.	397103.808	209147.632	596.17	IRON PIN SET
CP2	463+31.06	21.23', RT.	397451.990	209602.438	600.30	IRON PIN SET
CP3	466+76.22	17.27', RT.	397800.644	209563.375	614.19	IRON PIN SET
CP4	471+47.57	18.22', RT.	398192.350	209296.853	617.58	IRON PIN SET
CP5	474+66.76	17.57', LT.	398442.179	209095.589	612.09	MAGNETIZED SPIKE
CP6	477+58.98	15.80', RT.	398718.196	208994.219	608.68	IRON PIN SET



SCHEMATIC PLAN

DESIGN AGENCY

DESIGNER: AJC
REVIEWER: MWH 10/17/25
PROJECT ID: 118778
SHEET: P.2 TOTAL: 53

LAW-775-8.77

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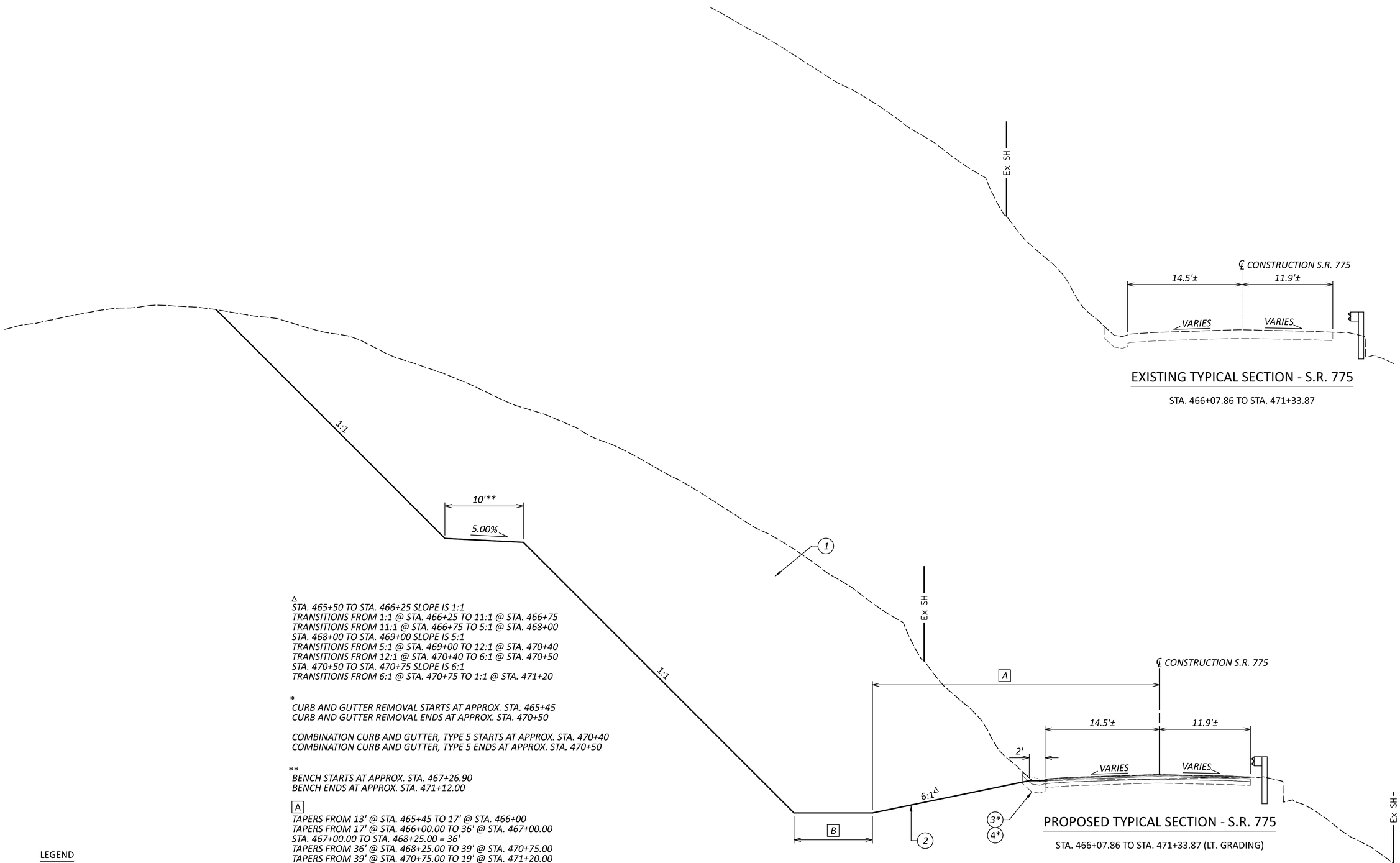
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_GY001.dgn

LAW-775-8.77



EXISTING TYPICAL SECTION - S.R. 775

STA. 466+07.86 TO STA. 471+33.87

PROPOSED TYPICAL SECTION - S.R. 775

STA. 466+07.86 TO STA. 471+33.87 (LT. GRADING)

△
STA. 465+50 TO STA. 466+25 SLOPE IS 1:1
TRANSITIONS FROM 1:1 @ STA. 466+25 TO 11:1 @ STA. 466+75
TRANSITIONS FROM 11:1 @ STA. 466+75 TO 5:1 @ STA. 468+00
STA. 468+00 TO STA. 469+00 SLOPE IS 5:1
TRANSITIONS FROM 5:1 @ STA. 469+00 TO 12:1 @ STA. 470+40
TRANSITIONS FROM 12:1 @ STA. 470+40 TO 6:1 @ STA. 470+50
STA. 470+50 TO STA. 470+75 SLOPE IS 6:1
TRANSITIONS FROM 6:1 @ STA. 470+75 TO 1:1 @ STA. 471+20

*
CURB AND GUTTER REMOVAL STARTS AT APPROX. STA. 465+45
CURB AND GUTTER REMOVAL ENDS AT APPROX. STA. 470+50

COMBINATION CURB AND GUTTER, TYPE 5 STARTS AT APPROX. STA. 470+40
COMBINATION CURB AND GUTTER, TYPE 5 ENDS AT APPROX. STA. 470+50

**
BENCH STARTS AT APPROX. STA. 467+26.90
BENCH ENDS AT APPROX. STA. 471+12.00

A
TAPERS FROM 13' @ STA. 465+45 TO 17' @ STA. 466+00
TAPERS FROM 17' @ STA. 466+00.00 TO 36' @ STA. 467+00.00
STA. 467+00.00 TO STA. 468+25.00 = 36'
TAPERS FROM 36' @ STA. 468+25.00 TO 39' @ STA. 470+75.00
TAPERS FROM 39' @ STA. 470+75.00 TO 19' @ STA. 471+20.00
STA. 471+20.00 TO STA. 471+33.87 = 19'

B
TAPERS FROM 0' @ STA.465+45.00 TO 2' @ STA. 465+50.00
STA. 465+50.00 TO STA. 466+50.00 = 2.0'
TAPERS FROM 2' @ STA. 466+50.00 TO 10' @ STA. 467+00.00
STA. 467+00.00 TO STA. 470+75.00 = 10.0'
TAPERS FROM 10' @ STA. 470+75.00 TO 0' @ STA. 471+20.00
STA. 471+20.00 TO STA. 471+33.87 = 0.0'

LEGEND

1. ITEM 203 EXCAVATION, AS PER PLAN
2. ITEM 659 SEEDING AND MULCHING (SKIP EXPOSED ROCK FACE)
3. ITEM 202, CURB AND GUTTER REMOVED, AS PER PLAN
4. ITEM 609, COMBINATION CURB AND GUTTER, TYPE 5, AS PER PLAN

TYPICAL SECTIONS

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.3 TOTAL 53

UTILITIES

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

HECLA WATER ASSOCIATION
3190 SR 141
IRONTON, OHIO 45638
ATT: TIM DALTON
740-533-0526 EXT. 5

LAWERENCE COUNTY ENGINEER'S OFFICE
111 SOUTH 4TH STREET
IRONTON, OHIO 45638
ATT: PATRICK LEIGHTY, COUNTY ENGINEER
740-533-4317

BUCKEYE RURAL ELECTRIC CO-OP, INC.
P.O. BOX 200
RIO GRANDE, OHIO 45674
ATT: MR. WESTON CLARY/MR. BRIAN CURNUTTE
740-379-9659/740-379-9659

AT&T - OHIO
160 NORTH 6TH STREET
ZANESVILLE, OHIO 45701
ATT: MR. BARRETT TAMASOVICH
740-454-3552

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.

EXISTING PLANS

EXISTING PLANS ENTITLED LAW-775-8.55, PID 24818 MAY BE INSPECTED IN THE ODOT DISTRICT 09 OFFICE IN CHILLICOTHE, OH .

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 INTIALLY 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 OEPRATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

ITEM 202 - REMOVAL, MISC.: CATCH BASIN CLEANOUT

THIS WORK CONSISTS OF REMOVING ANY DEBRIS FROM WITHIN OR ON TOP OF THE EXISTING CATCH BASIN(S) THAT RESTRICT OR COULD RESTRICT THE FLOW OF WATER THROUGH THE STRUCTURE.

CATCH BASIN CLEAN OUT IS PAID FOR AT THE UNIT PRICE BID FOR ITEM 202, REMOVAL MISC.: CATCH BASIN CLEAN OUT . THIS PRICE INCLUDES THE COST FOR MATERIAL, EQUIPMENT, LABOR AND ALL THE INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.
THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 202, REMOVAL MISC.: CATCH BASIN CLEAN OUT 2 EACH

ITEM 209 - DITCH CLEANOUT, AS PER PLAN (TYPE 5, CURB AND GUTTER)

THIS WORK CONSISTS OF RE-ESTABLISHING THE CROSS SECTION OF THE EXISTING DITCH.

DITCH CLEANOUT IS PAID FOR AT THE UNIT PRICE BID FOR ITEM SPECIAL, DITCH CLEANOUT. THIS PRICE INCLUDES THE COST FOR MATERIAL EQUIPMENT, LABOR AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

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

ITEM 209, DITCH CLEANOUT, AS PER PLAN (TYPE 5, CURB AND GUTTER) 250 FT

ITEM SPECIAL - FILL AND PLUG EXISTING 15" CONDUIT

THIS ITEM CONSISTS OF THE CONSTRUCTION OF BULKHEADS IN AN EXISTING 15 INCH DIAMETER CONDUIT AND FILLING THE AREA SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

LOCATE THE BULKHEADS AT THE LIMITS OF THE AREA TO BE FILLED, AS INDICATED ON THE PLANS. THE BULKHEADS CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

PUMP THE FILL MATERIAL INTO PLACE OR BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CONDUIT, FOR ITS ENTIRE LENGTH IS FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR IS THE ACTUAL NUMBER OF FEET (MEASURED ALONG THE CENTERLINE OF EACH CONDUIT FROM OUTER FACE TO OUTER FACE OF BULKHEADS) FILLED AND PLUGGED AS DESCRIBED ABOVE.

IN LIEU OF FILLING AND PLUGGING THE EXISTING CONDUIT, THE PIPE MAY BE CRUSHED AND BACKFILLED PER 203, OR IT MAY BE REMOVED. THE LENGTH, MEASURED AS PROVIDED ABOVE, WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

ITEM SPECIAL, FILL AND PLUG EXISTING 15" CONDUIT 40 FT

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 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 VRS
MONUMENT TYPE: 5/8" IRON PIN & ODOT CAP

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
COORDINATE SYSTEM: OCCS - LAWERENCE COUNTY
MAP PROJECTION: LAMBERT CONFORMAL CONIC
CENTRAL LATITUDE: N 38°21'00"
CENTRAL LONGITUDE: E 277°27'00"
FALSE NORTHING: 100,000m
FALSE EASTING: 50,000m
PROJECTION SCALE FACTOR: 1.00001900

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.

SEEDING AND MULCHING

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

659, SEEDING AND MULCHING	1118 SQ. YD.
659, COMMERCIAL FERTILIZER	0.10 TON
659, LIME	0.23 ACRES
659, WATER	4 M. GAL.
832, EROSION CONTROL	5,000 EACH

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL (SKIP EXPOSED ROCK) 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 203 - EXCAVATION, AS PER PLAN

EXCAVATION TO BE COMPLETED UTILIZING MECHANICAL METHODS. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED FROM THE CROSS SECTIONS:

ITEM 203, EXCAVATION	25588 CU. YD.
ITEM 203, EMBANKMENT	66 CU. YD.

ITEM 862 - SCALING

CONTRACTOR TO DETERMINE SUITABILITY OF MECHANICAL SCALING OR IF HAND SCALING IS NECESSARY. THE FOLLOWING QUANTITY HAS BEEN PROVIDED FOR ITEM 862 SCALING:
= 60 HOURS
AN ESTIMATED QUANTITY OF 60 HOURS SHALL BE CARRIED TO THE GENERAL SUMMARY.

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DEPARTMENT:

THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA FOR THE SPECIFIED COMPLETED CONSTRUCTION ITEMS IN GPS COORDINATES INCLUDING RIGHT-OF-WAY STAKING, CONSTRUCTION LAYOUT, PRECONSTRUCTION SURVEY MONUMENT VERIFICATION, AND POST CONSTRUCTION SURVEY MONUMENT VERIFICATION. THE CONSTRUCTION SHALL BE LOCATED AS PER THE SURVEY FEATURE CODE LIST FOUND ON THE OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF CADD & MAPPING SERVICES WEBSITE. AFTER ALL INFORMATION HAS BEEN COLLECTED, AN EMAIL CONTAINING A COMMA DELIMITED ASCII FILE AND A SURVEYOR'S CERTIFICATION SHALL BE DELIVERED TO:

MICHAEL SHERRON (D9 GIS COORDINATOR) AND
CHRISTOPHER CAPPER (D9 CONSTRUCTION AREA ENGINEER)

THE ASCII FILE SHALL INCLUDE A HEADER CONTAINING:

NAME OF SURVEYOR
DATE(S) OF COLLECTION
HORIZONTAL DATUM (I.E. NAD83 (2011), OCCS - LAWERENCE COUNTY
VERTICAL DATUM (I.E. NAVD 88, GEOID12A)
METHOD OF COLLECTION (I.E. OHIO VRS, GPS RTK, TOTAL STATION, ETC.)

THE ASCII FILE SHALL BE IN TABLE FORM AS FOLLOWS:

PT. NO./LONGITUDE/LATITUDE/ELEVATION/FEATURE CODE/DESCRIPTION

ALL COSTS ASSOCIATED WITH OBTAINING THE INFORMATION LISTED ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PERFORM THE WORK DESCRIBED ABOVE:

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN LUMP SUM

PAVEMENT RESTORATION FOR CONDUIT INSTALLATION AND REMOVAL

THE FOLLOWING QUANTITY HAS BEEN PROVIDED FOR PAVEMENT RESTORATION FOLLOWING REMOVAL AND INSTALLATION OF CONDUIT.

ITEM 202 - PAVEMENT REMOVED	17 SY
ITEM 204 - SUBGRADE COMPACTION	19 SY
ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22, (449)	2 CY
ITEM 304 - 6" AGGREGATE BASE	3 CY
ITEM 407 - TACK COAT	2 GAL
ITEM 441 - 3" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449(PG64-22 (TWO 1.5" LIFTS)))	2 CY

THE ABOVE QUANTITY IS BASED ON AN ESTIMATED PAVEMENT THICKNESS OF 12 INCHES AND A PAVEMENT RESTORATION WIDTH THAT INCLUDES THE TRENCH WIDTH PLUS TWO FEET ON EACH SIDE OF THE TRENCH.

PROVIDE ANY MATERIALS USED OUTSIDE THE LIMITS STATED ABOVE AT NO ADDITIONAL COST.

GENERAL NOTES

DESIGN AGENCY

DESIGNER AJC
REVIEWER MWH 10/17/25
PROJECT ID 118778
SHEET P.4 TOTAL 53

LAW-775-8.77

MODEL: Sheet_SurvF1 PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:33:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_GN001.dgn

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 5 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET P. 7. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $5,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT. THIS 5-DAY ROAD CLOSURE SHALL BE BEFORE MARCH 15, 2026, UNLESS OTHERWISE APPROVED BY THE DCE.

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.

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAME(S) AND TELEPHONE NUMBER(S) OF A PERSON OR PERSONS WHO CAN BE CONTACTED TWENTY-FOUR (24) HOURS PER DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR WILL ADVISE THE DISTRICT PUBLIC INFORMATION OFFICER AT (740) 774-8834, OR FAX (740) 773-2710 FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE PROJECT ENGINEER WILL PROVIDE ASSISTANCE/CLARIFICATION FOR ANY QUESTIONS.

THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN.

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 OFFICER(PIO). THIS NOTICATION SHALL BE RECIEVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

NOTIFICATION OF THE TRAFFIC RESTRICTIONS TIME TABLE:

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 CALENDAR DAYS PRIOR TO CLOSURE
START OF CONST. & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO CLOSURE

ITEM 614, MAINTAINING TRAFFIC (CONTINUED)

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

NOTICE OF CLOSURE SIGNS, AS DETAILED IN THESE PLANS, SHALL BY ERECTED BY THE CONTRACTOR AT LEAST TWO WEEKS PRIOD TO THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED O 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 CONTRL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

S.R. 775 WILL BE
CLOSED (MONTH,DAY)
FOR 5 DAYS
INFO: 740-774-8834

W20-H13-60

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 STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

LAW-775-8.77 CLOSURE:
ON S.R. 775 @ THE INTERSECTION WITH S.R. 217
ON S.R. 775 @ THE INTERSECTION WITH C.R. 171

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 OF THE TYPE AND LOCATION AS FOLLOWS:

ON S.R. 775 @ INTERSECTION WITH S.R. 217
ON S.R. 775 @ INTERSECTION WITH C.R. 171

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

DETOUR SIGNING

THE CONTRACTOR SHALL ADVISE THE LAWRENCE COUNTY ENGINEER'S DEPARTMENT (740-533-4317) AND THE ODOT DISTRICT 9 PUBLIC INFORMATION OFFICE (740-774-8834) FOURTEEN (14) DAYS IN ADVANCE OF WHEN THE DETOUR ROUTE SHALL BE IN EFFECT. ALL WORK ZONE DEVICES REQUIRED SHALL BE FURNISHED, ERECTED, MAINTAINED AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SEE SHEET P. 7 FOR THE STATE DETOUR PLAN. PAYMENT FOR ALL WORK ASSOCIATED WITH THE DETOUR SHALL BE INCLUDED UNDER THE LUMP SUM BID FOR:

ITEM 614, DETOUR SIGNING LUMP SUM

ITEM 614, MAINTAINING TRAFFIC (CONTINUED)

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 NO. 7. 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 253, PAVEMENT REPAIR 50 CU. YD.
ITEM 448, ASPHALT CONCRETE SURFACE COURSE,
TYPE 1, PG 64-22 50 CU. YD.
ITEM 407, TACK COAT 110 GAL.
ITEM 614, ASPHALT CONCRETE FOR
MAINTAINING TRAFFIC 50 CU. YD.

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.

FULLY-ACTUATED OPERATION OF WORK ZONE TRAFFIC SIGNAL

THE WORK ZONE SIGNAL CONTROL REQUIRED FOR THIS PROJECT AND SHOWN ON SHEET 7 AND TRAFFIC SCDS MT-96.11, 96.20 AND 96.26 SHALL BE FULLY TRAFFIC-ACTUATED AND OPERATE IN A MANNER SIMILAR TO THAT DESCRIBED IN SECTION 733.02 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS.

THE INITIAL CONTROLLER TIMING SHALL BE AS FOLLOWS:

	PHASE 1 S.R. 775 NORTHBOUND	PHASE 2 S.R. 775 SOUTHBOUND	PHASE 3 DRIVE WAY NORTH/SOUTH
MIN.GREEN	20	20	20
EXTENSION	4	4	4
MAX.GREEN	40	40	40
YELLOW	6	6	6
ALL RED	30	30	30
RECALL	OFF	OFF	OFF

SIGNAL SHALL REST ON RED WHEN NO VEHICLES ARE DETECTED.

THE CONTRACTOR SHALL ALSO DESIGN, FURNISH, INSTALL AND MAINTAIN A TRAFFIC DETECTOR ON EACH TRAFFIC APPROACH WHICH WILL RELIABLY DETECT ALL LEGAL TRAFFIC APPROACHING (BUT NOT LEAVING) THE SIGNAL AS IT PASSES OR WAITS IN THE DESIGNATED DETECTOR ZONE SHOWN IN THE PLANS. DETECTOR DESIGNS WHICH DO NOT PROVIDE RELIABLE DETECTION, FREE FROM FALSE CALLS, SHALL BE IMMEDIATELY REPLACED BY THE CONTRACTOR.

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 70 M. GAL.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 622, PORTABLE BARRIER, 50", AS PER PLAN

THIS WORK SHALL CONSIST OF FURNISHING, MAINTAINING, AND SUBSEQUENTLY REMOVING A 50-INCH PORTABLE BARRIER AT THE LOCATIONS SHOWN ON THE PLANS. FOR DETAILS, SEE SCD RM-4.1.

PORTABLE STEEL BARRIER IS AN APPROVED ALTERNATIVE TO PORTABLE CONCRETE BARRIER. FOR INFORMATION ON APPROVED VENDORS, SEE THE APPROVED PRODUCTS LIST MAINTAINED BY THE OFFICE OF ROADWAY ENGINEERING.

PORTABLE BARRIER, 32 INCHES HIGH WITH AN 18-INCH MINIMUM HEIGHT GLARE SCREEN MAY BE USED AT THE OPTION OF THE CONTRACTOR. THE GLARE SCREEN SHALL BE CONSTRUCTED USING ONE OF THE SCREENS PROVIDED ON THE APPROVED LIST, AVAILABLE ON THE OFFICE OF ROADWAY ENGINEERING WEBSITE.

PADDLE OR INTERMITTENT TYPE GLARE SCREENS SHALL BE DESIGNED USING A 20 DEGREE CUT-OFF ANGLE BASED ON TANGENT ALIGNMENT. THAT SPACING SHALL BE USED THROUGHOUT THE BARRIER LENGTH WITHOUT REGARD TO BARRIER CURVATURE.

THE GLARE SCREEN SYSTEM SHALL BE SECURELY FASTENED TO THE 32-INCH PORTABLE BARRIER USING THE HARDWARE AND PROCEDURES SPECIFIED BY THE MANUFACTURER.

FOR DIRECTIONS ON HOW TO INSTALL THE GLARE SCREEN AND THE BARRIER, SEE THE MANUFACTURER'S INSTRUCTIONS.

PAYMENT SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND SHALL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR ITEM 622, PORTABLE BARRIER, 50", AS PER PLAN.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER AJC
REVIEWER MWH 11/25/25
PROJECT ID 118778
SHEET P.5 TOTAL 53

LAW-775-8.77

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 11/25/2025 TIME: 9:22:41 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Matthew.Hurst@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DELINEATION OF PORTABLE AND PERMANENT BARRIER

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL; AND, ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THE SPACING SHALL BE AS PER TRAFFIC SCD MT-101.70. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70. WHEN THE PB OR PERMANENT BARRIER (INCLUDING BRIDGE PARAPETS) CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

INCREASED BARRIER DELINEATION, AS SPECIFIED HEREIN, SHALL BE INSTALLED ON ALL PB AND PERMANENT CONCRETE BARRIER LOCATED WITHIN 5 FEET OF THE EDGE OF THE TRAVELED LANE UNDER EITHER OF THE FOLLOWING CONDITIONS: ALONG TAPERS AND TRANSITION AREAS; OR ALONG CURVES (OUTSIDE ONLY) WITH DEGREE OF CURVATURE GREATER THAN OR EQUAL TO 3 DEGREES.

THE INCREASED BARRIER DELINEATION SHALL CONSIST OF EITHER DELINEATION PANELS OR THE TRIPLE STACKING OF WORK ZONE BARRIER REFLECTORS.

DELINEATION PANELS SHALL CONSIST OF PANELS OF DELINEATION, APPROXIMATELY 34 INCHES LONG AND 6 INCHES WIDE AND SHALL BE "CRIMPED." PANELS SHALL BE INSTALLED AND SPACED PER TRAFFIC SCD MT-101.70.

TRIPLE-STACKED BARRIER REFLECTORS SHALL CONSIST OF ALIGNING THREE BARRIER REFLECTORS VERTICALLY, AT LOCATIONS WHERE A SINGLE BARRIER REFLECTOR WOULD BE OTHERWISE ATTACHED. THERE SHALL BE NO OPEN SPACE BETWEEN THE ADJACENT BARRIER REFLECTORS. THE TRIPLE-STACKED BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THEY SHALL BE SPACED AND ALIGNED PER TRAFFIC SCD MT-101.70.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE PLANS AND CARRIED TO THE GENERAL SUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)	42 EACH
ITEM 614, OBJECT MARKER, TWO-WAY	14 EACH
ITEM 614, INCREASED BARRIER DELINEATION	872 FEET

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

ALONG RUNS OF INCREASED BARRIER DELINEATION WHERE THIS ITEM IS PROVIDED, THE QUANTITY SHALL BE MEASURED AS THE ENTIRE LENGTH OF THE RUN OF INCREASED BARRIER DELINEATION, INCLUDING THE SPACES BETWEEN THE INDIVIDUAL DELINEATION PANELS OR STACKS OF BARRIER REFLECTORS.

DELINEATION OF TEMPORARY AND PERMANENT GUARDRAIL

BARRIER REFLECTORS SHALL BE INSTALLED ON ALL TEMPORARY GUARDRAIL USED FOR TRAFFIC CONTROL; AND, ON ALL PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. BARRIER REFLECTORS SHALL CONFORM TO C&MS 626 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET.

OBJECT MARKERS SHALL BE INSTALLED ON ALL TEMPORARY AND PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. GUARDRAIL-MOUNTING OF OBJECT MARKERS SHALL BE MADE BY INSTALLING THE OBJECT MARKERS ON THE EXTENSION BLOCKS RATHER THAN DIRECTLY ONTO THE GUARDRAIL ITSELF. OBJECT MARKERS SHALL CONFORM TO C&MS 614.03 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET WITH A 25 FOOT OFFSET FROM THE BARRIER REFLECTORS.

DELINEATION OF TEMPORARY AND PERMANENT GUARDRAIL (CONTINUED)

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE PLANS AND CARRIED TO THE GENERAL SUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 3 (BIDIRECTIONAL)	23 EACH
ITEM 614, OBJECT MARKER, TWO-WAY	22 EACH

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE ABOVE ITEM(S).

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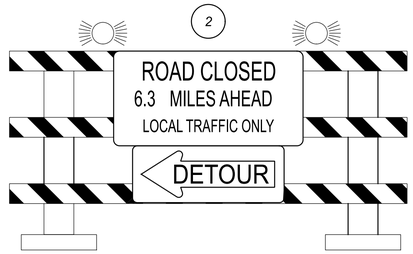
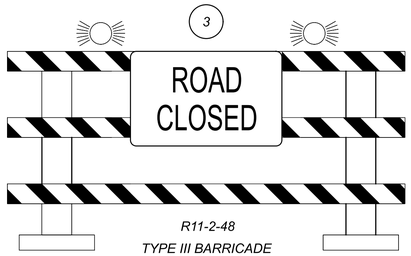
R11-3a-60
M4-10L-48
TYPE III BARRICADE
TYPE B WARNING LIGHT



R11-3a-60
M4-10R-48
TYPE III BARRICADE
TYPE B WARNING LIGHT



R11-2-48
TYPE III BARRICADE
TYPE B WARNING LIGHT

M4-8-30
M1-5-30-3
M6-1-21

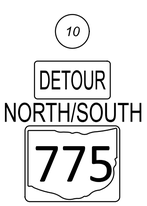
M4-8-30
M1-5-30-3
M5-1-21

M4-8-30
M1-5-30-3
M5-2-21

M4-8-30
M1-5-30-3
M6-3-21

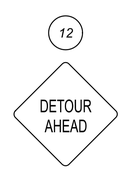
M4-8-30
M1-5-30-3
M5-1-21

M4-8-30
M1-5-30-3
M5-2-21



M4-8-30
M1-5-30-3

M1-5-30-3
M4-8a-24



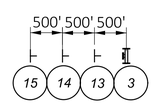
W20-2-48

W20-3-48
W16-2-30

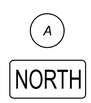
W20-3-48
W16-2-30

TYPE A WARNING LIGHTS (TYP.)

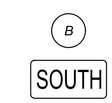
W20-1-48



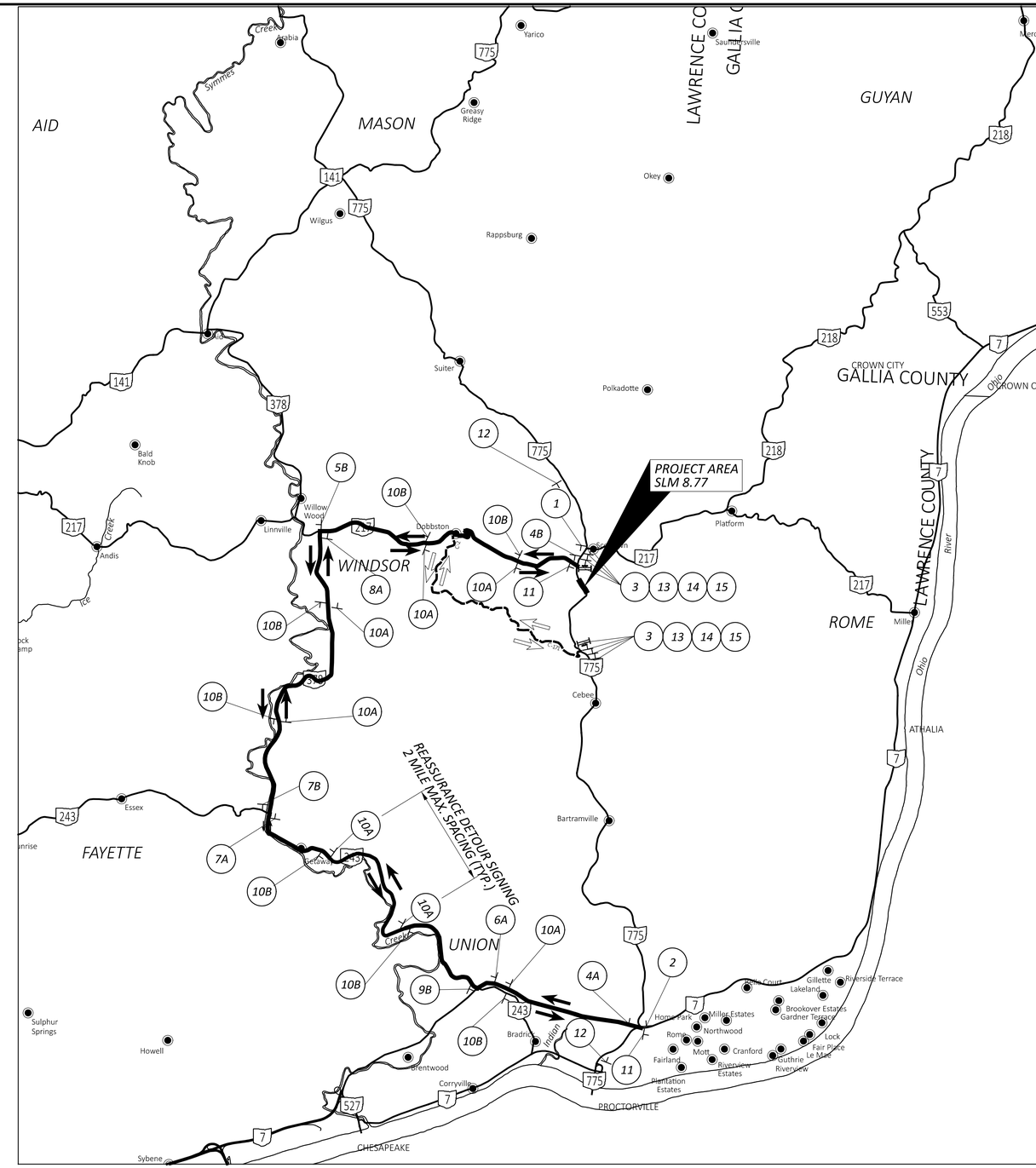
TYPICAL SIGN SPACING
(SIGNS REVERSED FOR OPPOSITE APPROACH OF CLOSURE)



M3-1-30



M3-3-30



DETOUR MAP

LEGEND

STATE DETOUR ROUTE:
- S.R. 217 TO S.R. 378 TO S.R. 243

STATE DETOUR ROUTE

DESIGNATED LOCAL DETOUR ROUTE:
- C.R. 171 TO C.R. 2 TO S.R. 217

LOCAL DESIGNATED DETOUR ROUTE

DETOUR PLAN

DESIGN AGENCY

DESIGNER
MWH

REVIEWER
AJC 10/17/25

PROJECT ID
118778

SHEET P.7 TOTAL 53

LAW-775-8.77

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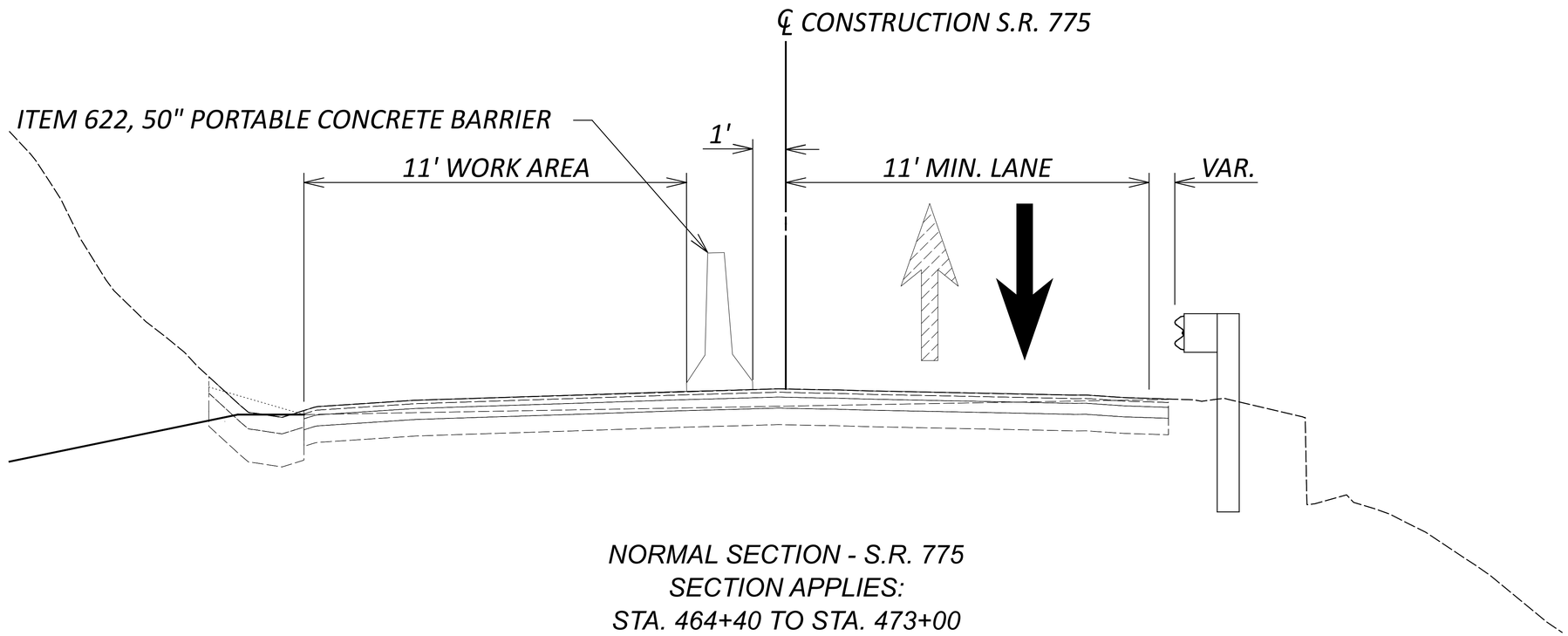

NORMAL SECTION - S.R. 775
SECTION APPLIES:
STA. 464+40 TO STA. 473+00

MAINTENANCE OF TRAFFIC TYPICAL SECTION

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.8 TOTAL 53

LAW-775-8.77

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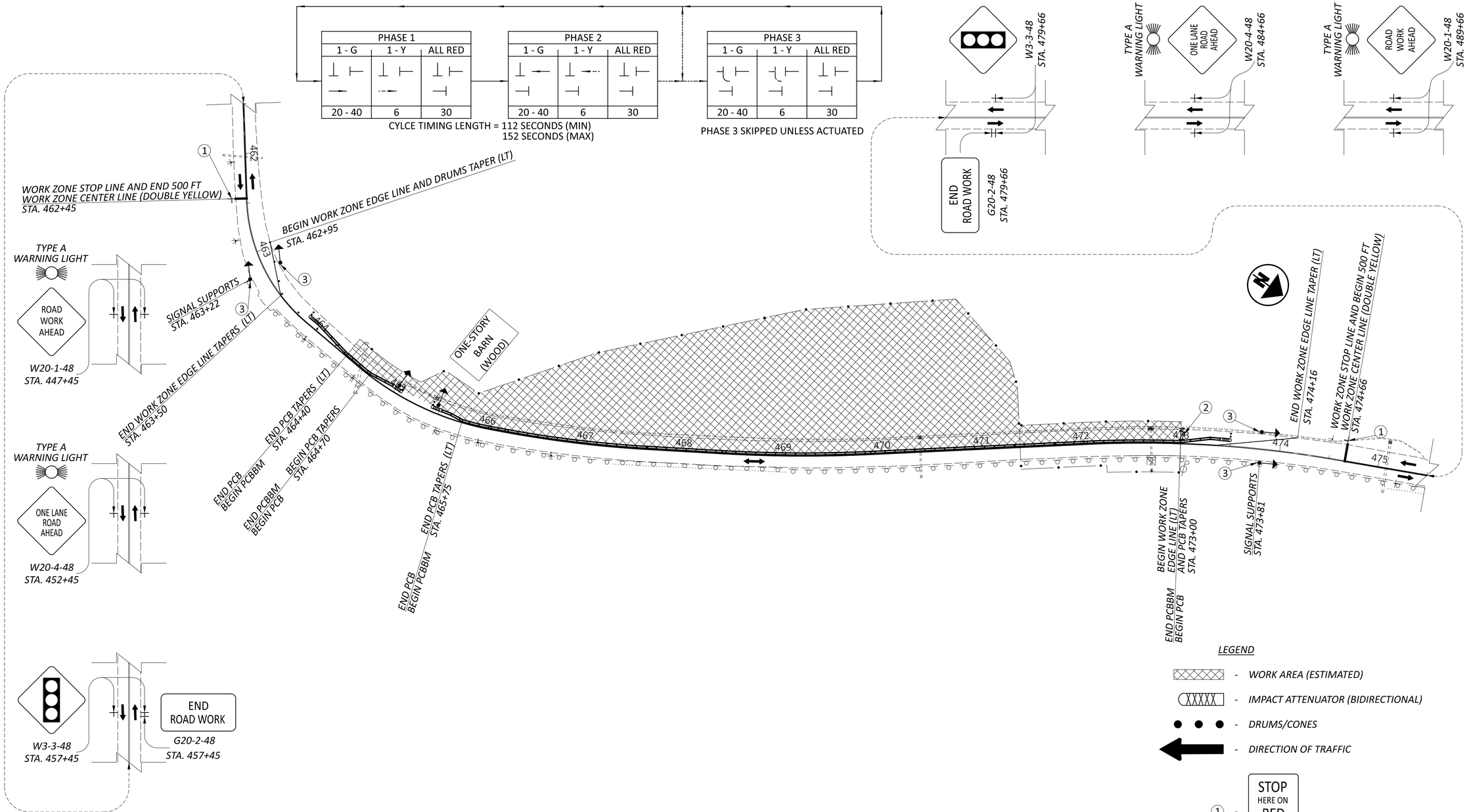

NOTE:

SEE STANDARD DRAWING MT-96.11 FOR DRUM SPACING, SIGN PLACEMENT, MINIMUM TAPER RATES, AND OTHER INFORMATION NOT SHOWN ON THIS SHEET.

STATIONING OF SIGNS IS JUST TO GIVE A ROUGH ESTIMATE OF SIGN PLACEMENT: ADJUST SIGN LOCATIONS AS NEEDED TO AVOID OBSTRUCTIONS.

ADJUST THE SIGNALS AND SIGNAL SUPPORTS AROUND THE INTERSECTION OF S.R. 775 AS NECESSARY TO ALLOW DRIVERS AN UNOBSTRUCTED VIEW OF THE SIGNALS. SEE STANDARD DRAWING MT-96.11 FOR POSSIBLE SIGNAL SETUPS.

ITEM	QUANTITY	UNIT	DESCRIPTION
614	3	EACH	WORK ZONE TRAFFIC SIGNAL
614	4	EACH	WORK ZONE IMAPCT ATTENUATOR, 24" WIDE HAZARDS (BI-DIRECTIONAL)
614	42	EACH	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL
614	14	EACH	OBJECT MARKER, TWO-WAY
614	23	EACH	BARRIER REFLECTOR, TYPE 3, BI-DIRECTIONAL (FOR GUARDRAIL)
614	22	EACH	OBJECT MARKER, TWO-WAY (FOR GUARDRAIL)
614	0.1	MILE	WORK ZONE CENTERLINE, CLASS I
614	25	FT	WORK ZONE STOP LINE, CLASS I
614	0.03	MILE	WORK ZONE EDGE LINE, CLASS I, 4"
622	732	FT	PORTABLE BARRIER, 50", AS PER PLAN

LEGEND

- *WORK AREA (ESTIMATED)*
- *IMPACT ATTENUATOR (BIDIRECTIONAL)*
- *DRUMS/CONES*
- *DIRECTION OF TRAFFIC*

① - STOP HERE ON RED
R10-6-24

② - *W1-6L-24 ON TYPE 3 BARRICADE*

③ - *OM2-2V-6*

MAINTENANCE OF TRAFFIC PHASE PLAN FOR S.R. 775

DESIGN AGENCY

DESIGNER: AJC
REVIEWER: MWH 10/17/25
PROJECT ID: 118778
SHEET: P.9 TOTAL: 53

LAW-775-8.77

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SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5		7		9			31					01/STR/04						
																		ROADWAY	
LS													LS	201	11000	LS		CLEARING AND GRUBBING	
17													17	202	23000	17	SY	PAVEMENT REMOVED	
								25,588					25,588	203	10001	25,588	CY	EXCAVATION, AS PER PLAN	4
								66					66	203	20000	66	CY	EMBANKMENT	
19													19	204	10000	19	SY	SUBGRADE COMPACTION	
60													60	862	00500	60	HOUR	SCALING	
																		DRAINAGE	
					505								505	202	32500	505	FT	CURB AND GUTTER REMOVED	
					77								77	202	35100	77	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
					1								1	202	58100	1	EACH	CATCH BASIN REMOVED	
					2								2	202	98100	2	EACH	REMOVAL MISC.:CATCH BASIN CLEAN OUT	4
					40								40	SPECIAL	20270000	40	FT	FILL AND PLUG EXISTING CONDUIT, 15"	4
					250								250	209	10001	250	FT	DITCH CLEANOUT, AS PER PLAN (TYPE 5, CURB AND GUTTER)	4
					10								10	601	39500	10	FT	PAVED GUTTER, TYPE 5	
					77								77	611	05900	77	FT	15" CONDUIT, TYPE B	
																		EROSION CONTROL	
1,118													1,118	659	10000	1,118	SY	SEEDING AND MULCHING	
0.1													0.1	659	20000	0.1	TON	COMMERCIAL FERTILIZER	
0.23													0.23	659	31000	0.23	ACRE	LIME	
4													4	659	35000	4	MGAL	WATER	
5,000													5,000	832	30000	5,000	EACH	EROSION CONTROL	
																		MAINTENANCE OF TRAFFIC	
			3										3	SPECIAL	61411300	3	EACH	WORK ZONE TRAFFIC SIGNAL	5
			4										4	614	12384	4	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
			42										42	614	13310	42	EACH	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL	
			23										23	614	13314	23	EACH	BARRIER REFLECTOR, TYPE 3 (FOR GUARDRAIL)	
			36										36	614	13360	36	EACH	OBJECT MARKER, TWO WAY	
			0.1										0.1	614	21000	0.1	MILE	WORK ZONE CENTER LINE, CLASS I	
			0.03										0.03	614	22000	0.03	MILE	WORK ZONE EDGE LINE, CLASS I, 4"	
			25										25	614	26000	25	FT	WORK ZONE STOP LINE, CLASS I	
	70												70	616	10000	70	MGAL	WATER	
			732										732	622	41011	732	FT	PORTABLE BARRIER, 50", AS PER PLAN	5
																		PAVEMENT	
2													2	301	56000	2	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
3													3	304	20000	3	CY	AGGREGATE BASE	
2													2	407	10000	2	GAL	TACK COAT	
2													2	441	70000	2	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
																		INCIDENTALS	
	LS												LS	614	11000	LS		MAINTAINING TRAFFIC	
	LS												LS	614	12420	LS		DETOUR SIGNING	
													6	619	16000	6	MNTH	FIELD OFFICE, TYPE A	
LS													LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	4
LS													LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
LS													LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.10 TOTAL 53

LAW-775-8.77

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 1/21/2026 TIME: 11:10:02 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Matthew.Hurst@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_GG001.dgn

REF. NO.	SHEET NO.	STATION TO STATION	202				SPECIAL	209	601	611
			CURB AND GUTTER REMOVED	PIPE REMOVED, 24" DIAMETER AND UNDER	CATCH BASIN REMOVED	REMOVAL MISC.: CATCH BASIN CLEANOUT	FILL AND PLUG EXISTING CONDUIT, 15"	DITCH CLEANOUT, AS PER PLAN (TYPE 5, CURB AND GUTTER)	PAVED GUTTER, TYPE 5	15" CONDUIT, TYPE B
			FT	FT	EACH	EACH	FT	FT	FT	FT
R-1	P.10	465+45 467+00	155							
R-2	P.11	467+00 470+50	350							
D-1	P.10	465+05 465+40		35						35
CB-1	P.10	465+43				1				
D-2	P.11	470+38 470+39					40			
R-3	P.11	470+39			1					
PG-1	P.11	470+40 470+50							10	
DT-1	P.11	470+50 472+00						150		
DT-2	P.12	472+00 473+00						100		
D-3	P.12	472+70 472+71		42						42
CB-2	P.12	472+70				1				
TOTALS CARRIED TO GENERAL SUMMARY			505	77	1	2	40	250	10	77

DRAINAGE SUBSUMMARY

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.11 TOTAL 53

LAW-775-8.77

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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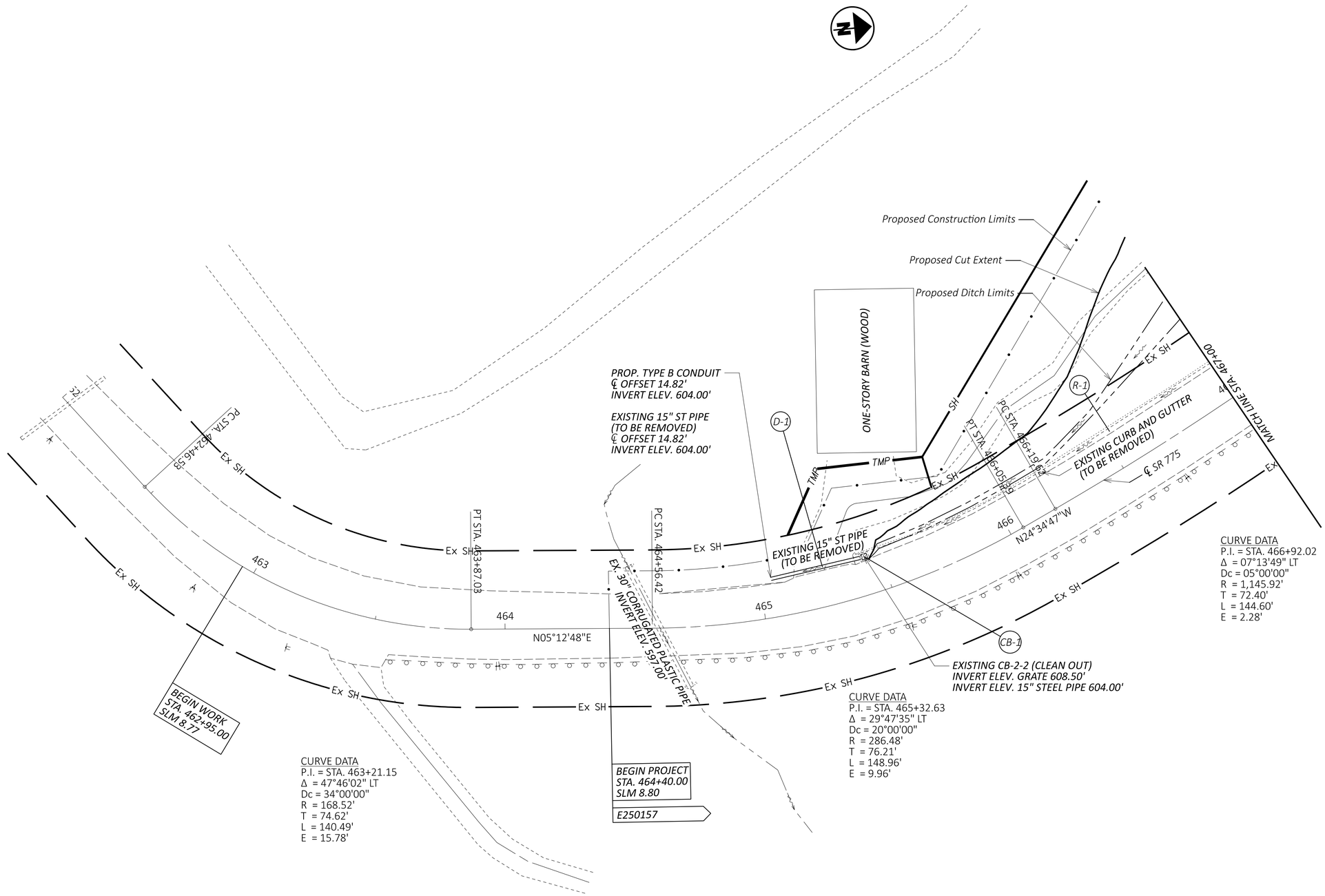

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN VIEW - S.R. 775
STA. 462+00 TO STA. 467+00

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.12 TOTAL 53

LAW-775-8.77

MODEL: clxs777 - Updated Rock Cut Plan Views [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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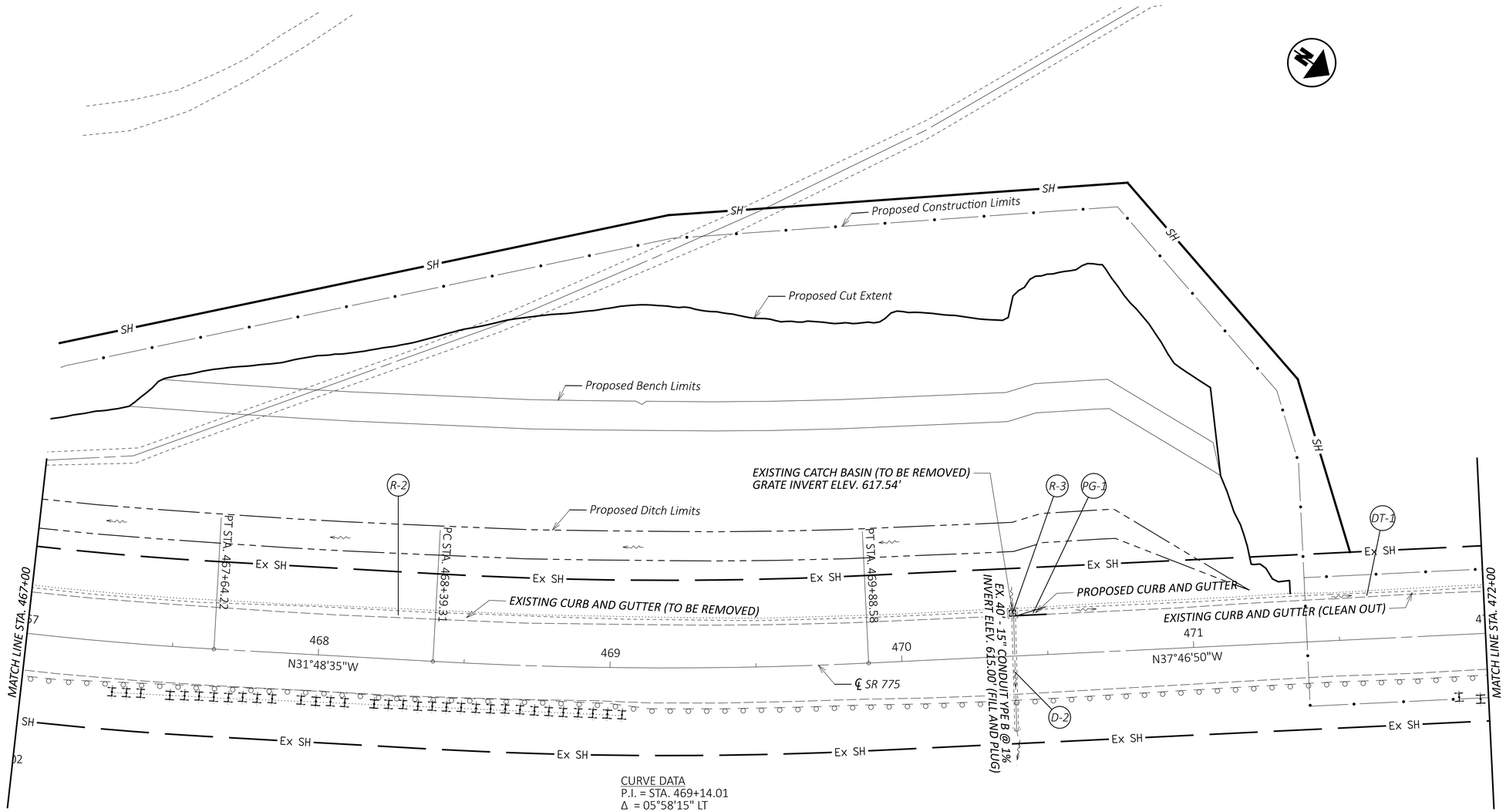

CURVE DATA
P.I. = STA. 469+14.01
Δ = 05°58'15" LT
Dc = 04°00'00"
R = 1,432.39'
T = 74.70'
L = 149.27'
E = 1.95'

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN VIEW - S.R. 775
STA. 467+00 TO STA. 472+00

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.13 TOTAL 53

LAW-775-8.77

MODEL: clks777 - Updated Rock Cut Plan Views-1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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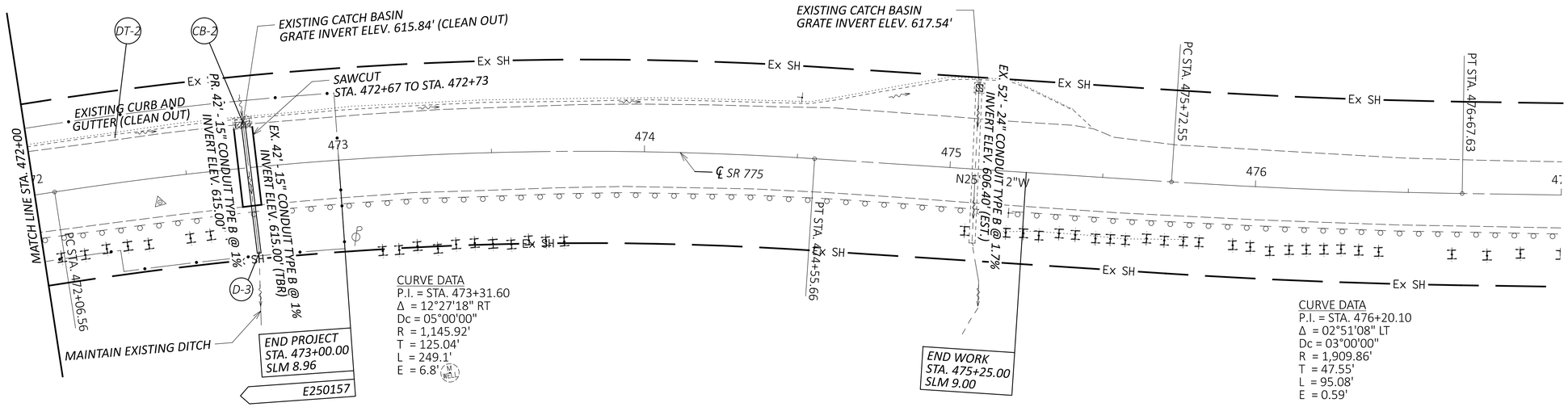

CURVE DATA
P.I. = STA. 473+31.60
Δ = 12°27'18" RT
Dc = 05°00'00"
R = 1,145.92'
T = 125.04'
L = 249.1'
E = 6.8'

CURVE DATA
P.I. = STA. 476+20.10
Δ = 02°51'08" LT
Dc = 03°00'00"
R = 1,909.86'
T = 47.55'
L = 95.08'
E = 0.59'

HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN VIEW - S.R. 775
STA. 472+00 TO STA. 477+00

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.14 TOTAL 53

LAW-775-8.77

MODEL: clks777 - Updated Rock Cut Plan Views-2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:28 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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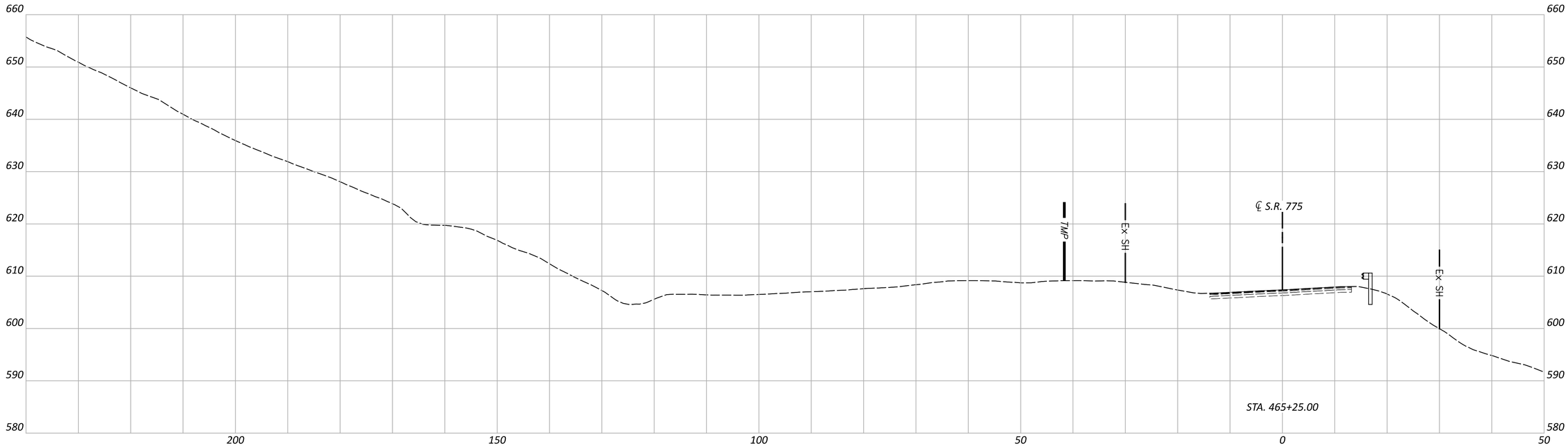

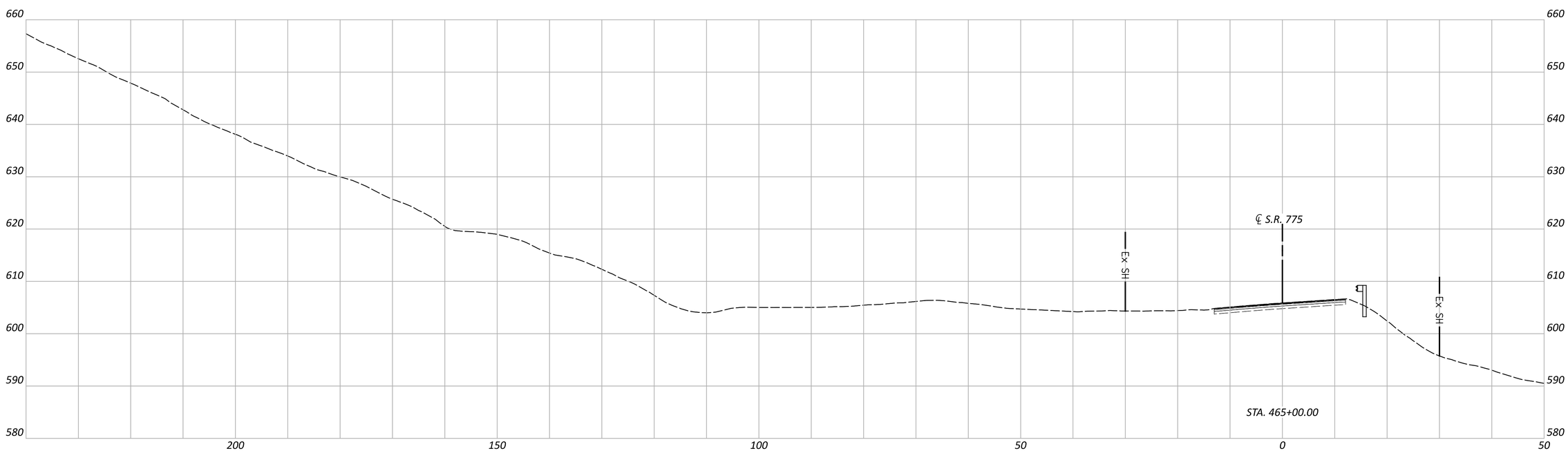

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 465+00 TO STA. 465+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.15 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 465+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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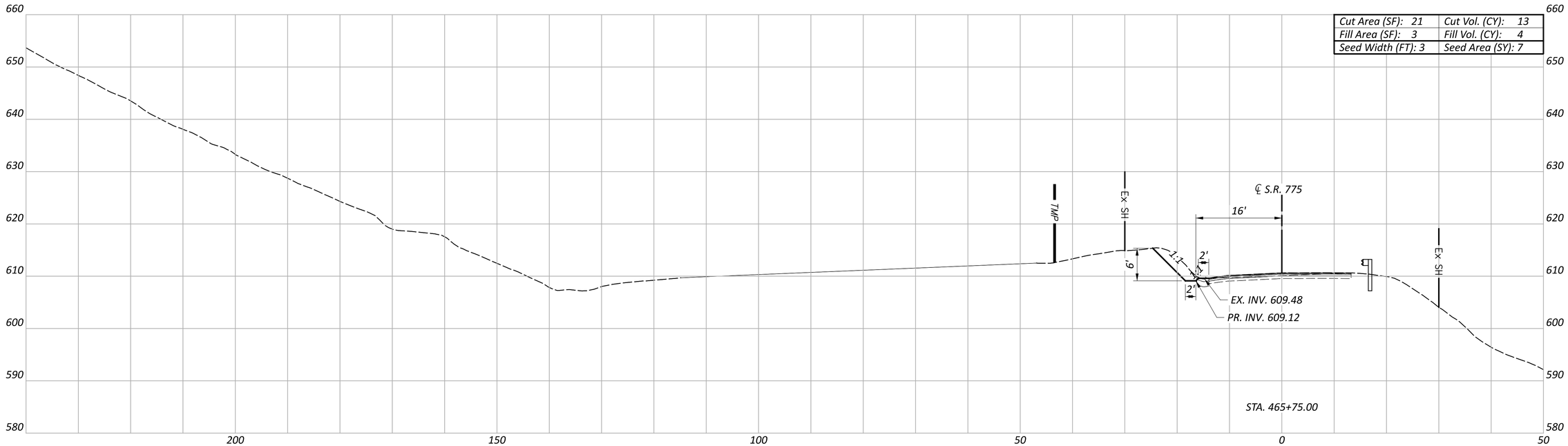
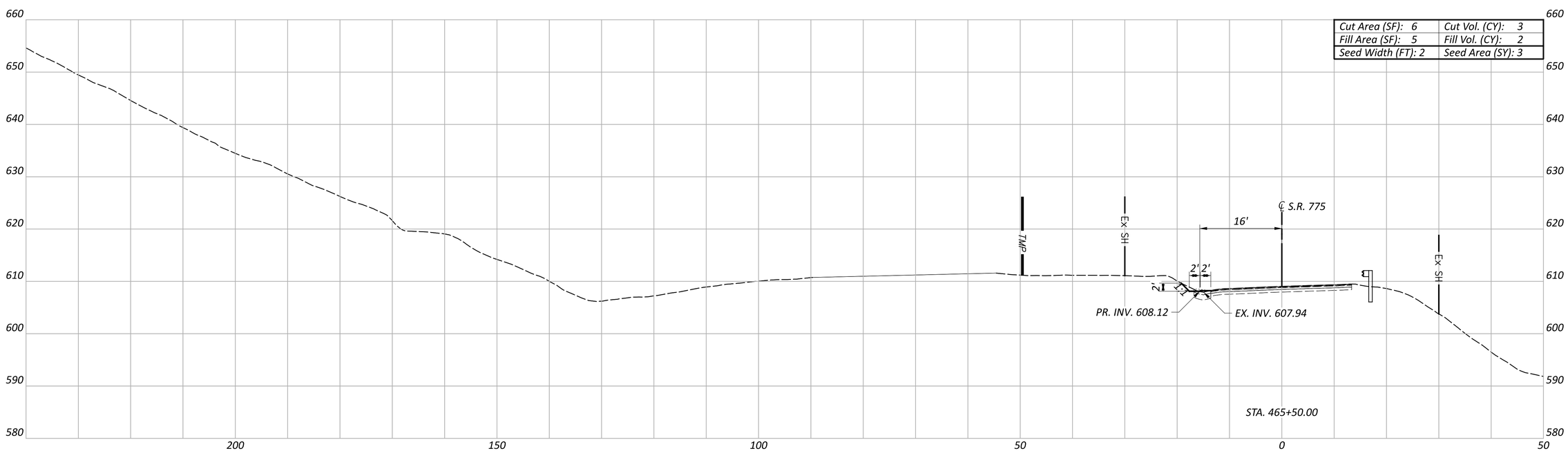


Cut Area (SF): 21	Cut Vol. (CY): 13
Fill Area (SF): 3	Fill Vol. (CY): 4
Seed Width (FT): 3	Seed Area (SY): 7



Cut Area (SF): 6	Cut Vol. (CY): 3
Fill Area (SF): 5	Fill Vol. (CY): 2
Seed Width (FT): 2	Seed Area (SY): 3

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 465+50 TO STA. 465+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.16 TOTAL 53

LAW-775-8.77

MODEL: clxs775 - 465+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:33 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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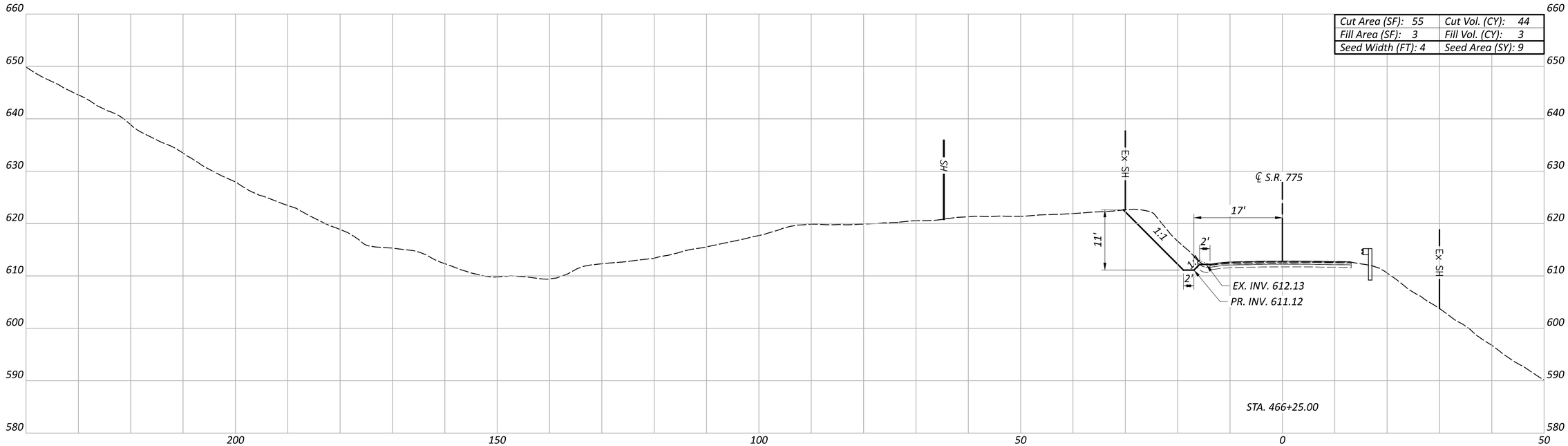

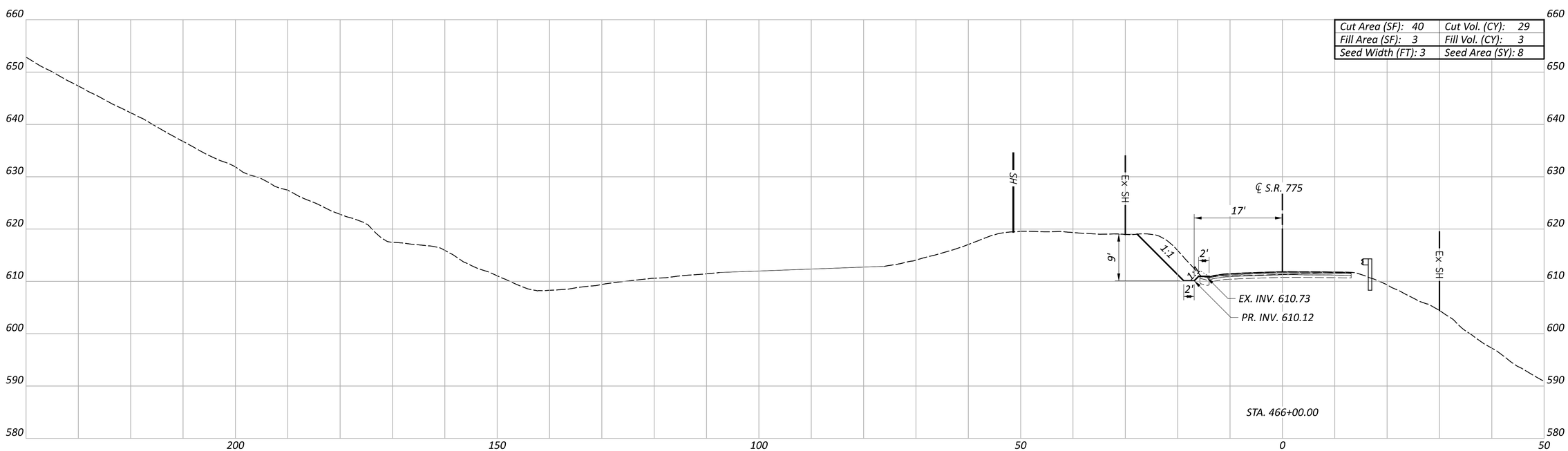

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 466+00 TO STA. 466+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.17 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 466+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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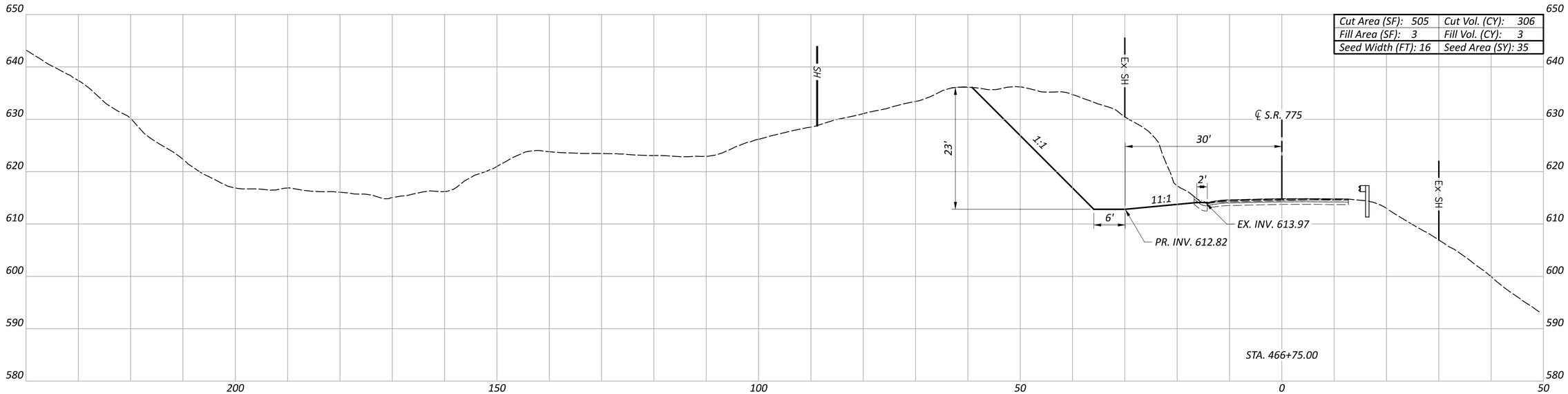
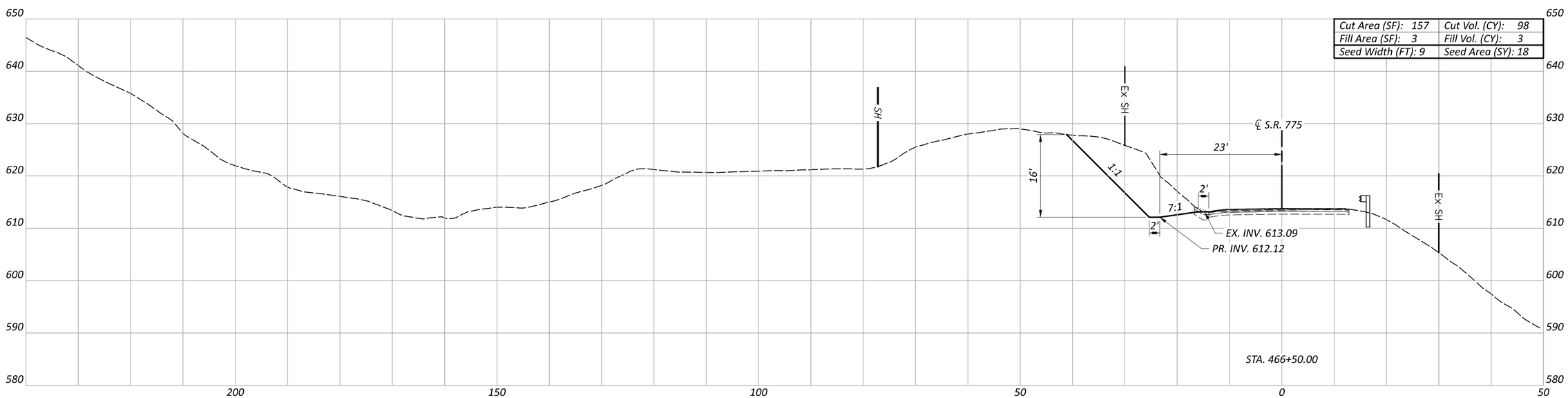


Cut Area (SF): 505	Cut Vol. (CY): 306
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 16	Seed Area (SY): 35



Cut Area (SF): 157	Cut Vol. (CY): 98
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 9	Seed Area (SY): 18

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 466+50 TO STA. 466+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.18 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 466+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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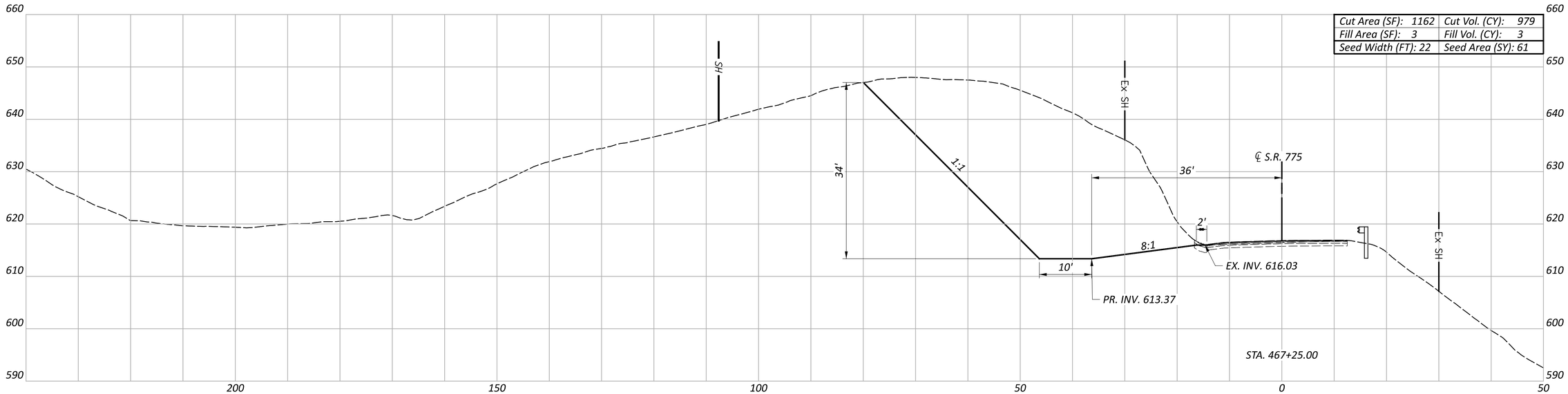

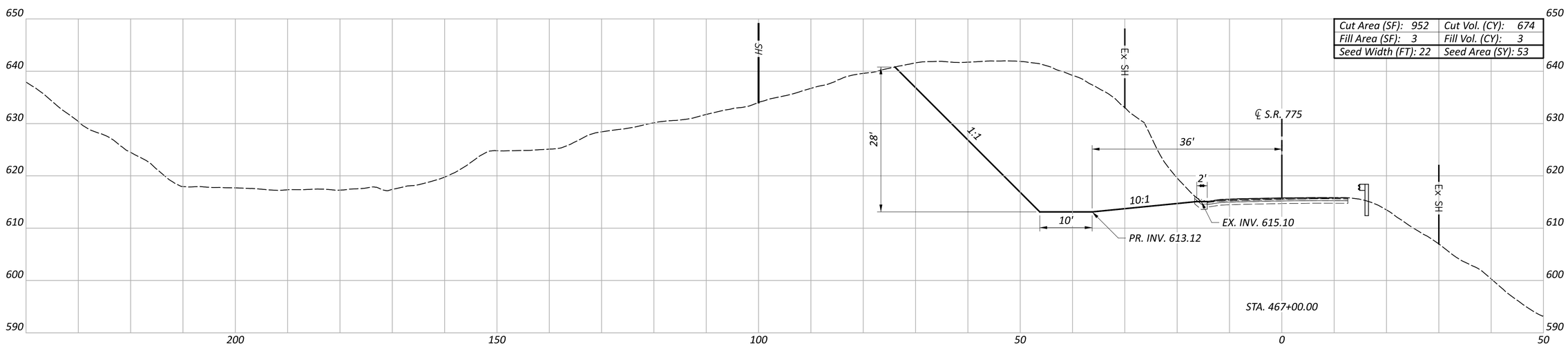

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 467+00 TO STA. 467+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.19 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 467+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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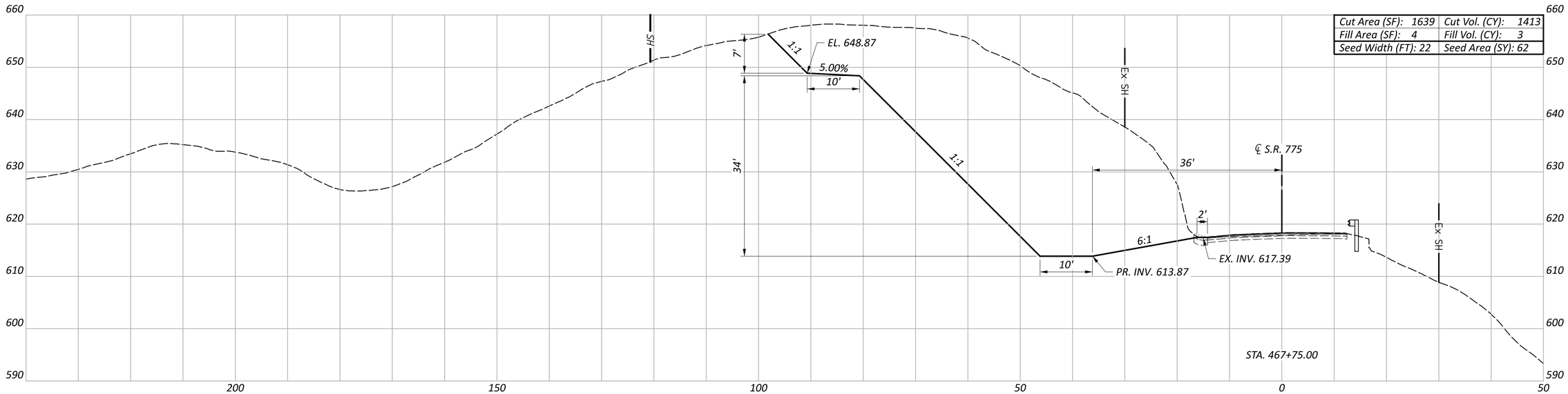
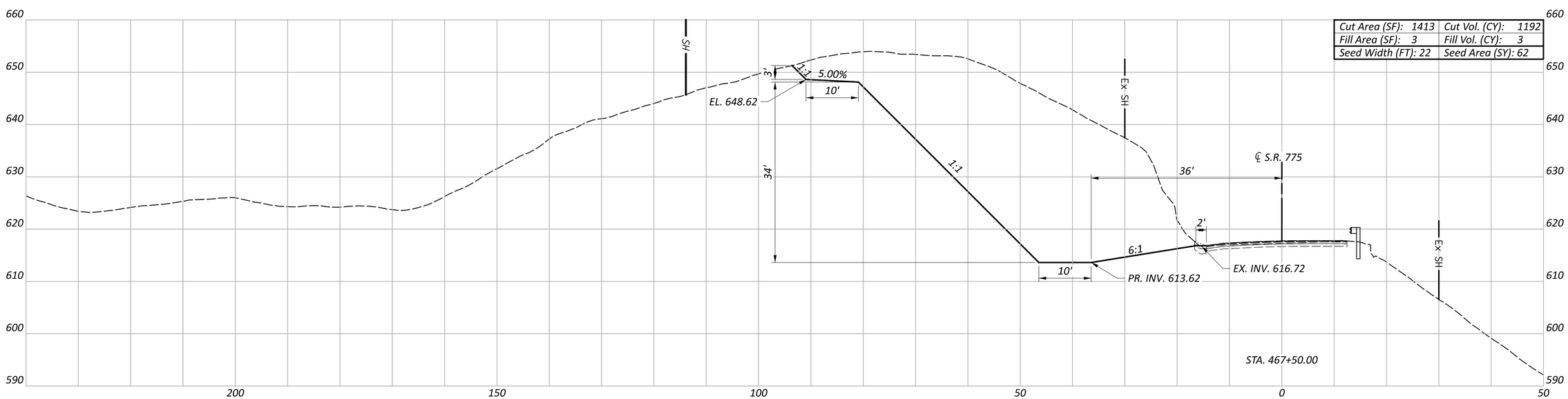


Cut Area (SF): 1639	Cut Vol. (CY): 1413
Fill Area (SF): 4	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62



Cut Area (SF): 1413	Cut Vol. (CY): 1192
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 467+50 TO STA. 467+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.20 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 467+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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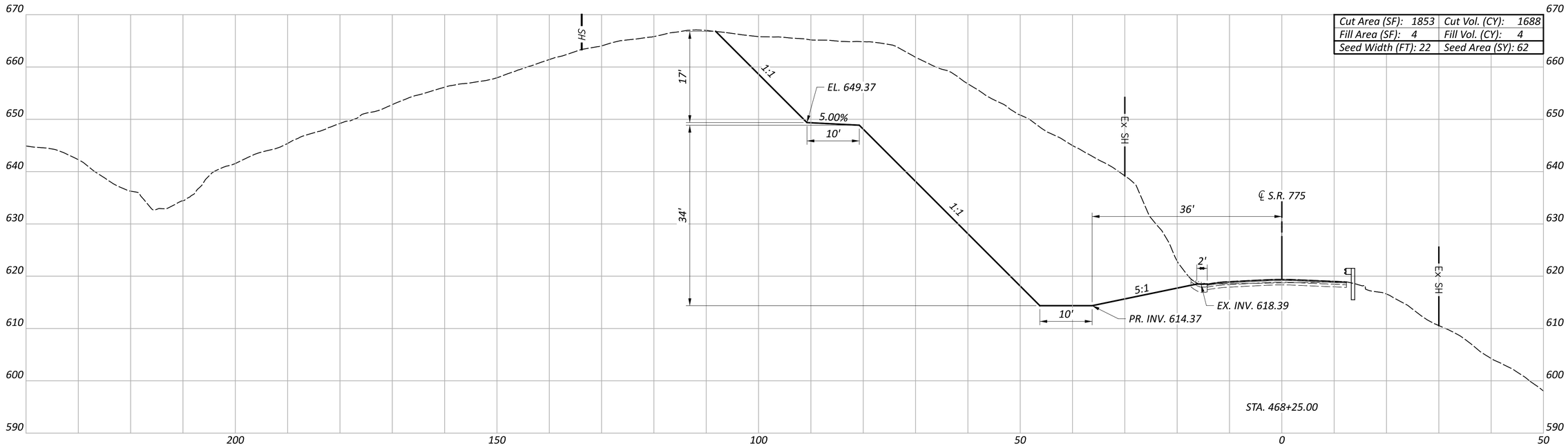
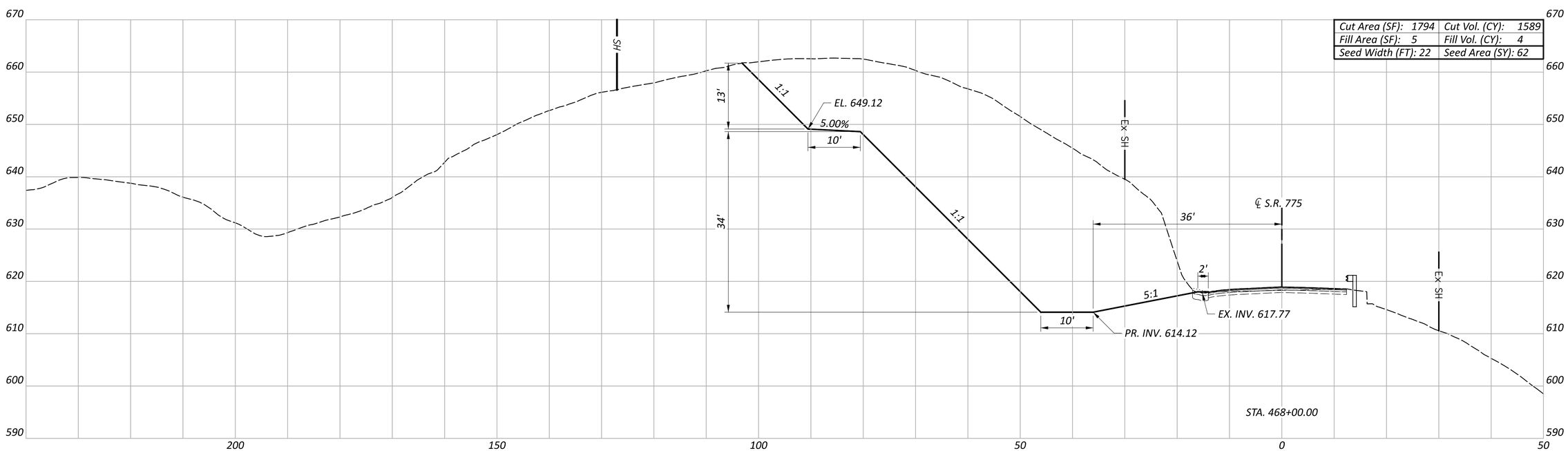


Cut Area (SF): 1853	Cut Vol. (CY): 1688
Fill Area (SF): 4	Fill Vol. (CY): 4
Seed Width (FT): 22	Seed Area (SY): 62



Cut Area (SF): 1794	Cut Vol. (CY): 1589
Fill Area (SF): 5	Fill Vol. (CY): 4
Seed Width (FT): 22	Seed Area (SY): 62

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 468+00 TO STA. 468+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.21 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 468+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:39 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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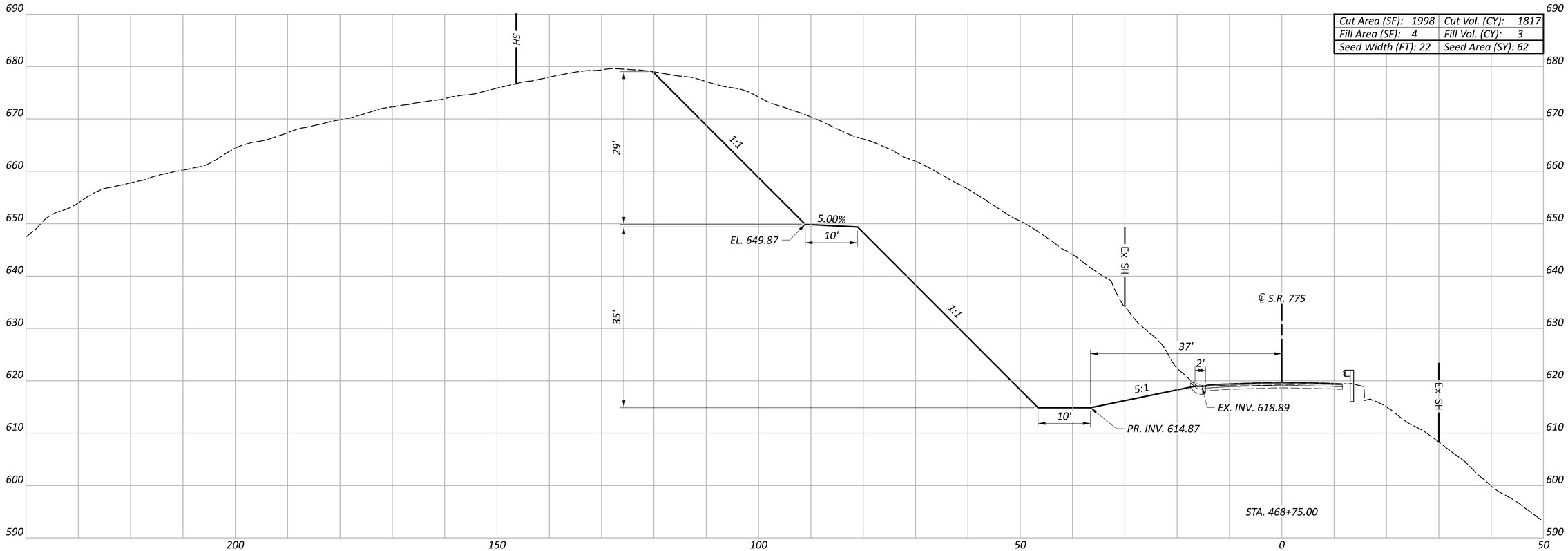

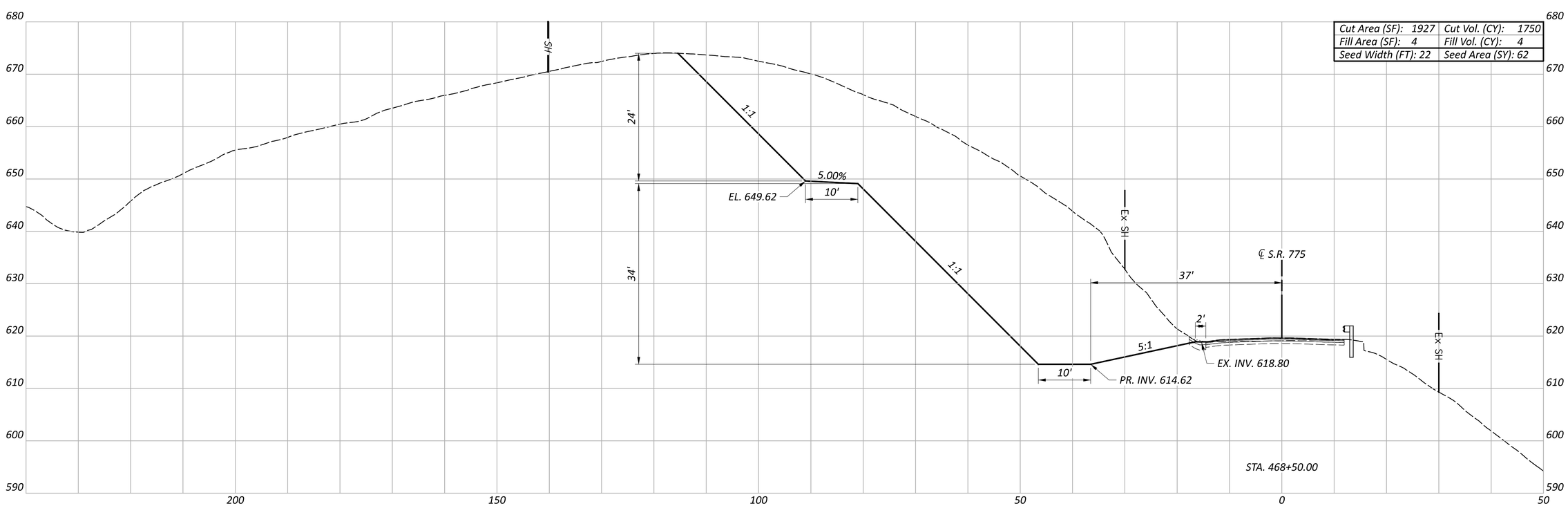

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 468+50 TO STA. 468+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.22 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 468+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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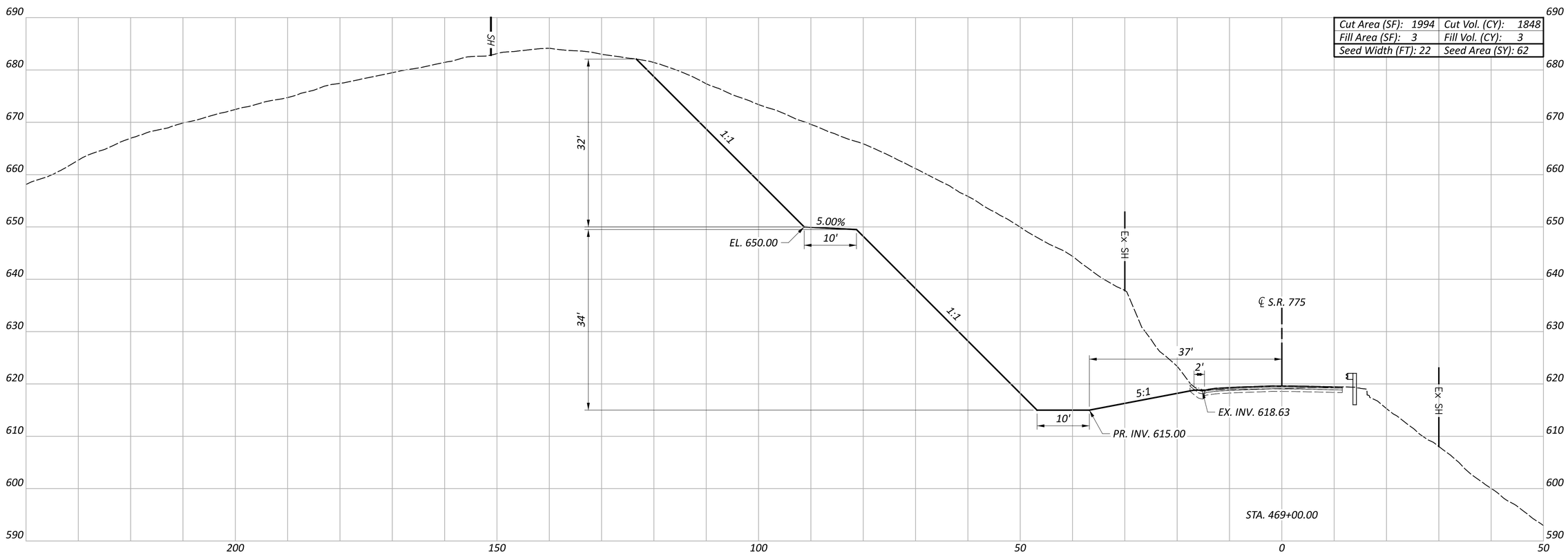

Cut Area (SF): 1994	Cut Vol. (CY): 1848
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 469+00 - S.R. 775

DESIGN AGENCY

DESIGNER
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REVIEWER
MWH 10/17/25

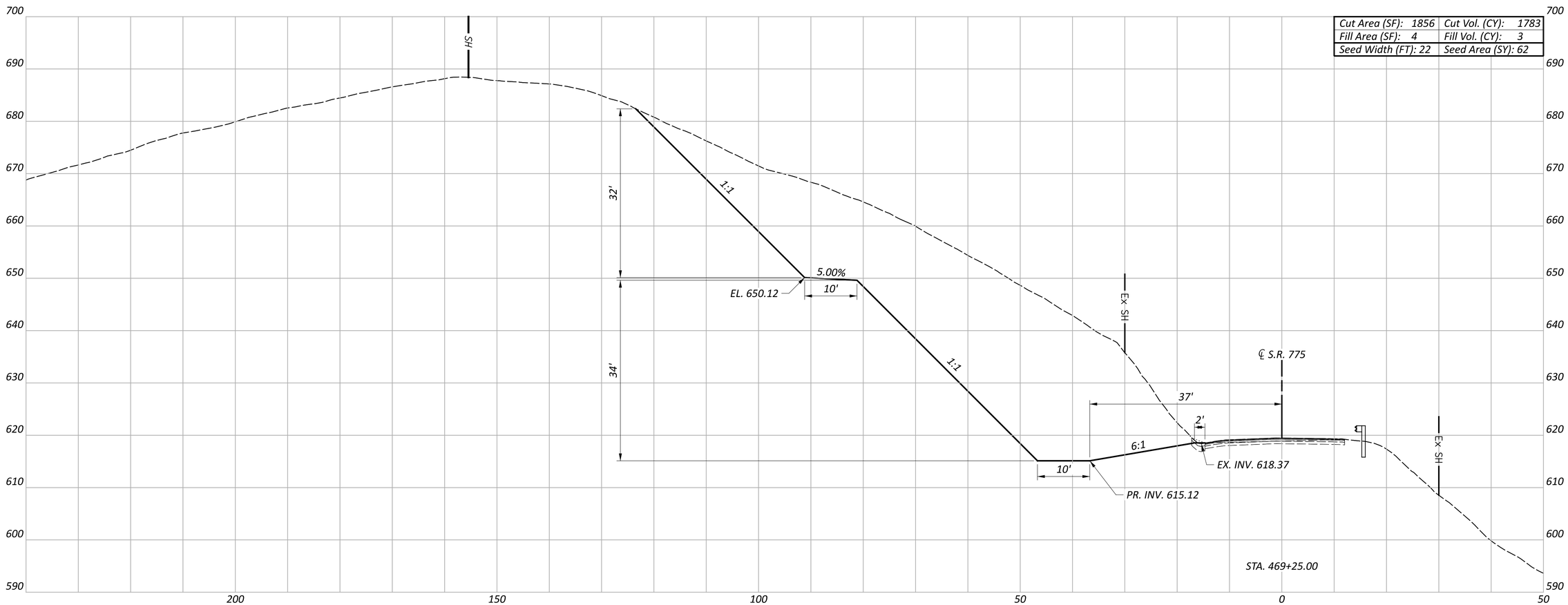
PROJECT ID
118778

SHEET P.23 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 469+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn

Cut Area (SF): 1856	Cut Vol. (CY): 1783
Fill Area (SF): 4	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 469+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

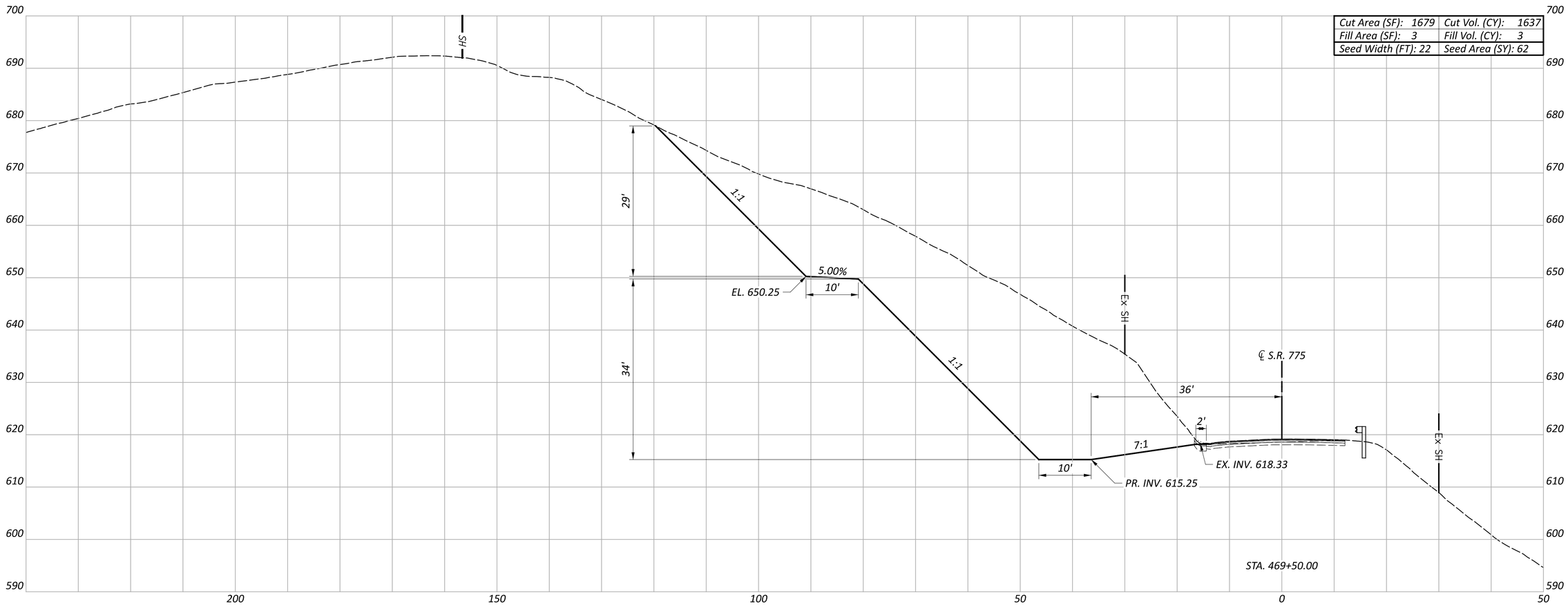
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.24 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 469+25.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:42 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



Cut Area (SF): 1679	Cut Vol. (CY): 1637
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 469+50 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

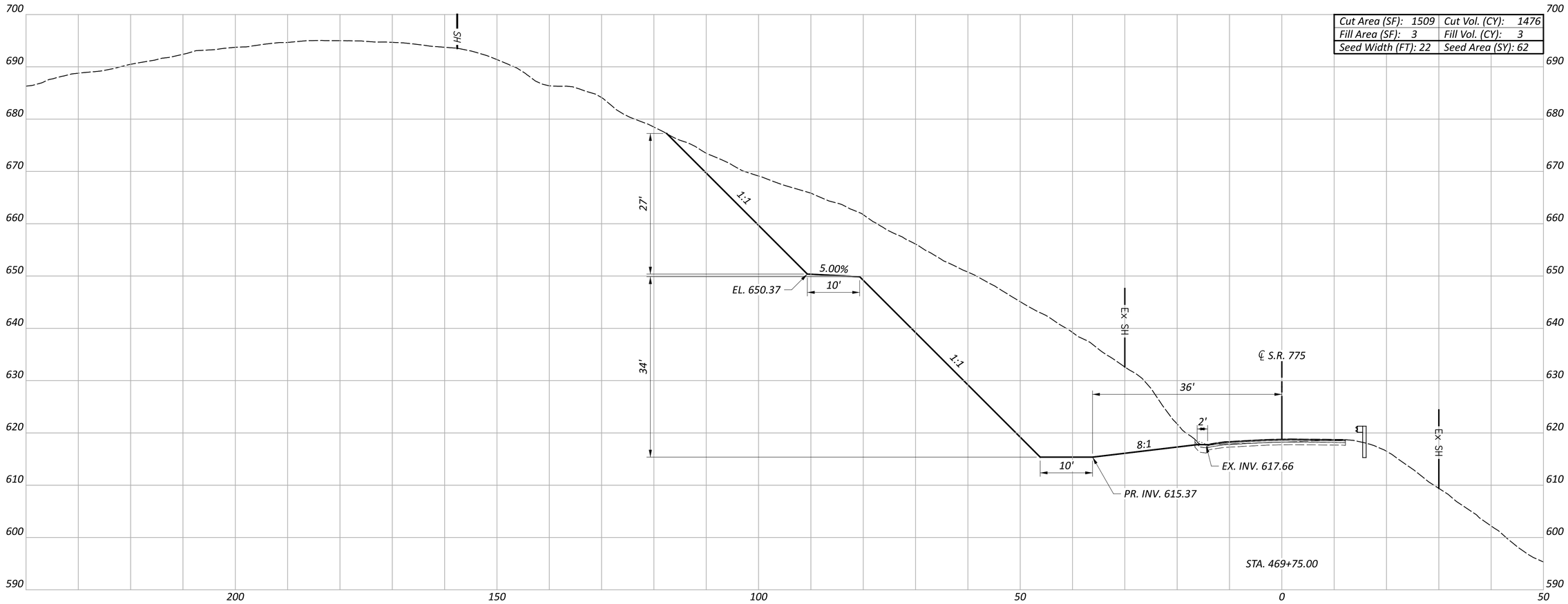
PROJECT ID
118778

SHEET P.25 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 469+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:42 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn

Cut Area (SF): 1509	Cut Vol. (CY): 1476
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 469+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

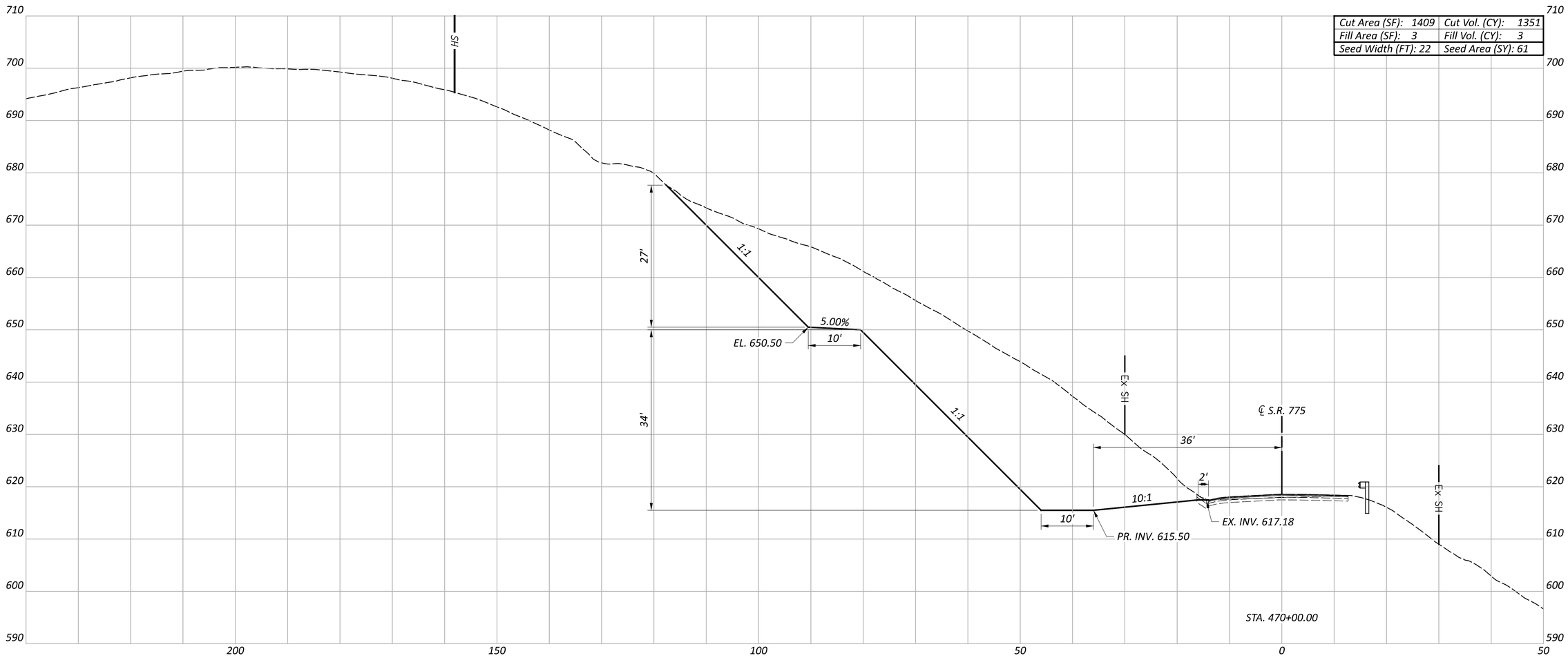
PROJECT ID
118778

SHEET P.26 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 469+75.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn

Cut Area (SF): 1409	Cut Vol. (CY): 1351
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 61



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 470+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

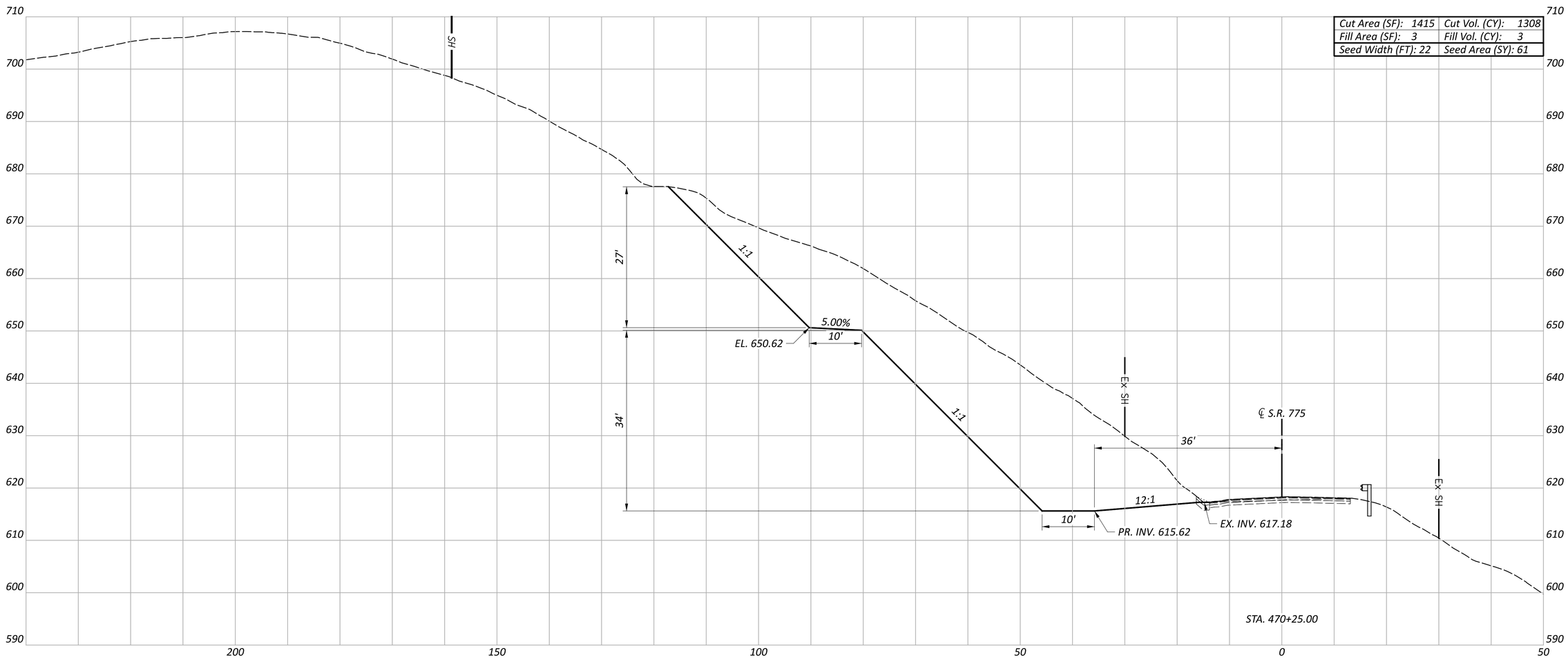
PROJECT ID
118778

SHEET P.27 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 470+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn

Cut Area (SF): 1415	Cut Vol. (CY): 1308
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 61



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 470+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

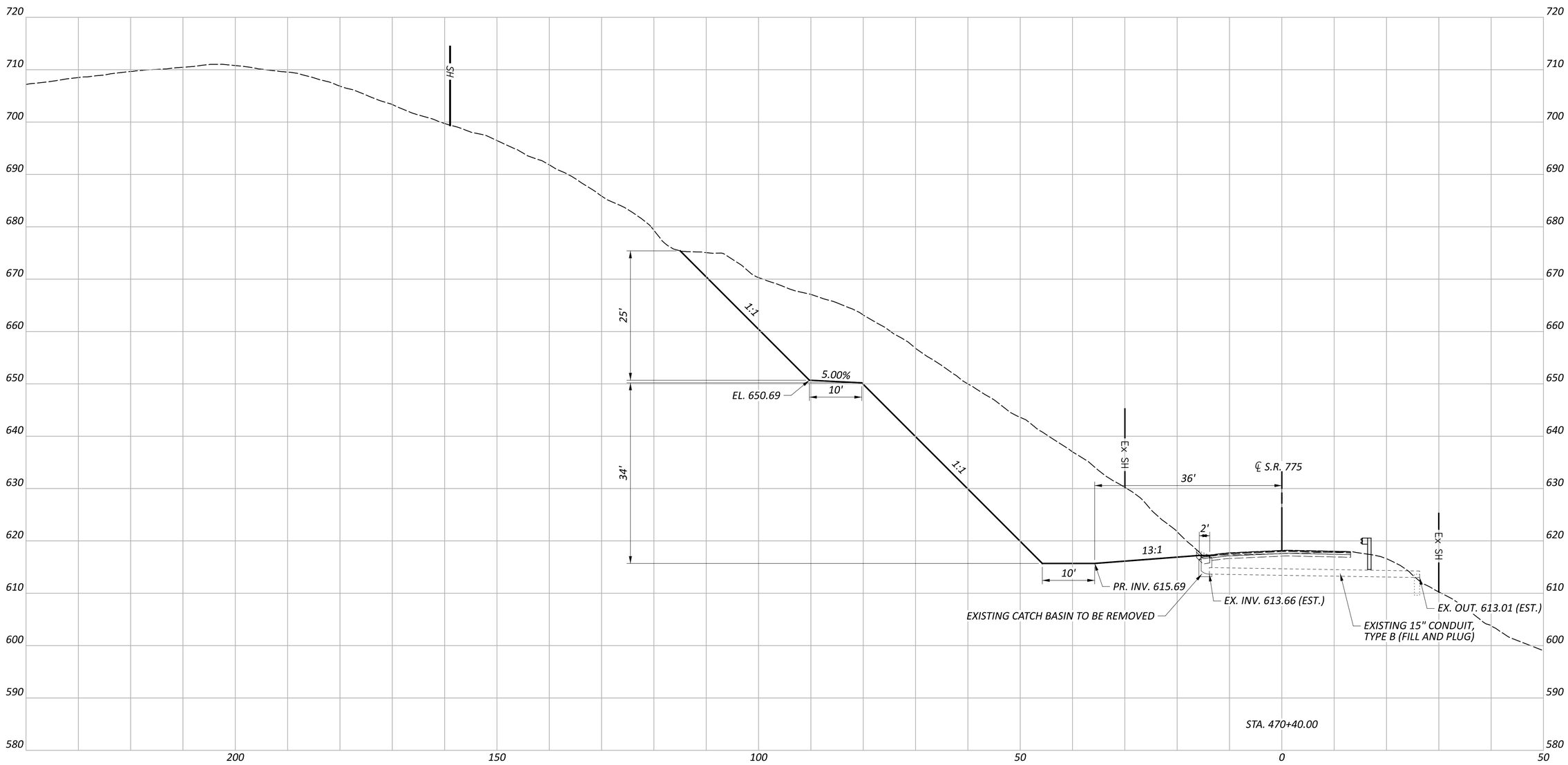
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.28 TOTAL 53

LAW-775-8.77

MODEL: clxs775 - 470+25.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL
SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 470+40 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

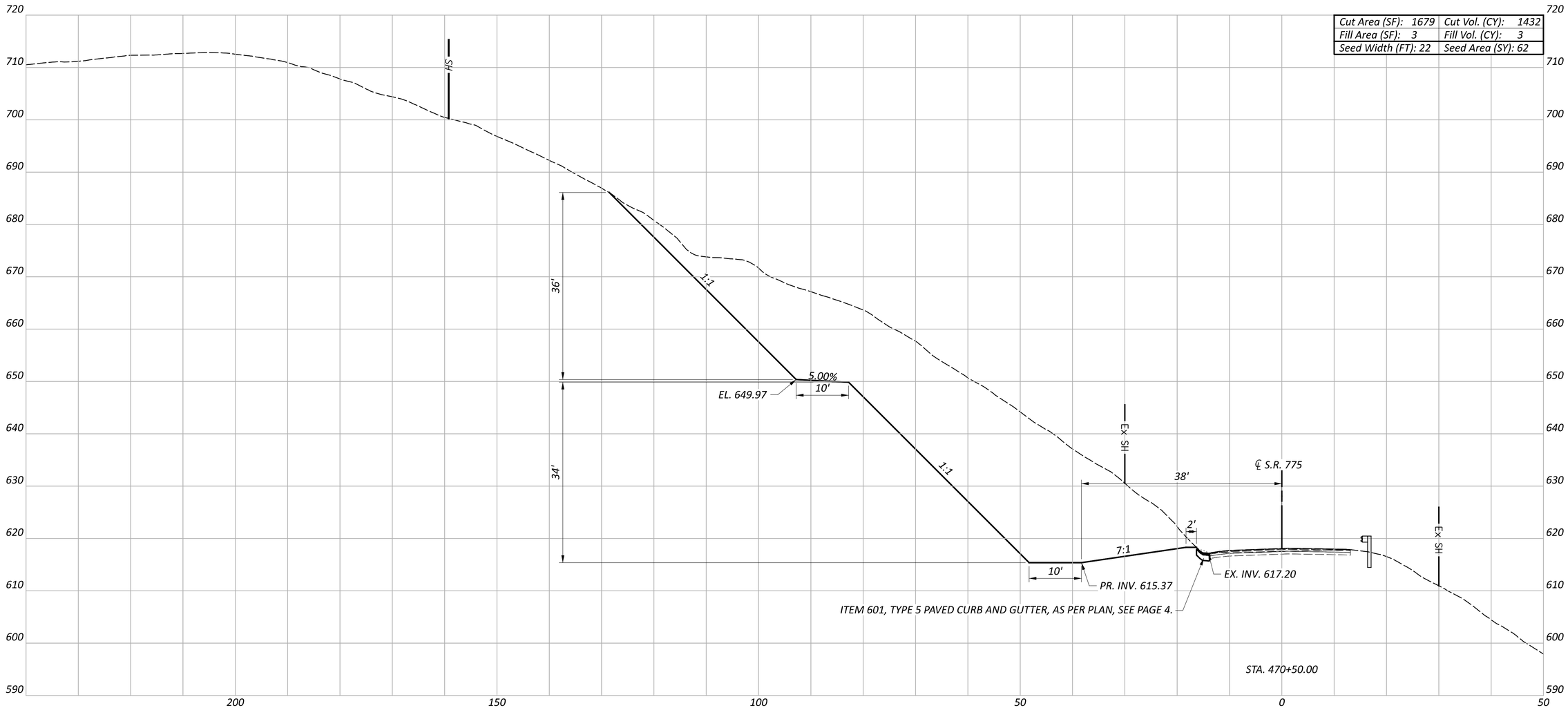
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.29 TOTAL 53

LAW-775-8.77

MODEL: cks779 - 470+40.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



Cut Area (SF): 1679	Cut Vol. (CY): 1432
Fill Area (SF): 3	Fill Vol. (CY): 3
Seed Width (FT): 22	Seed Area (SY): 62

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 470+50 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

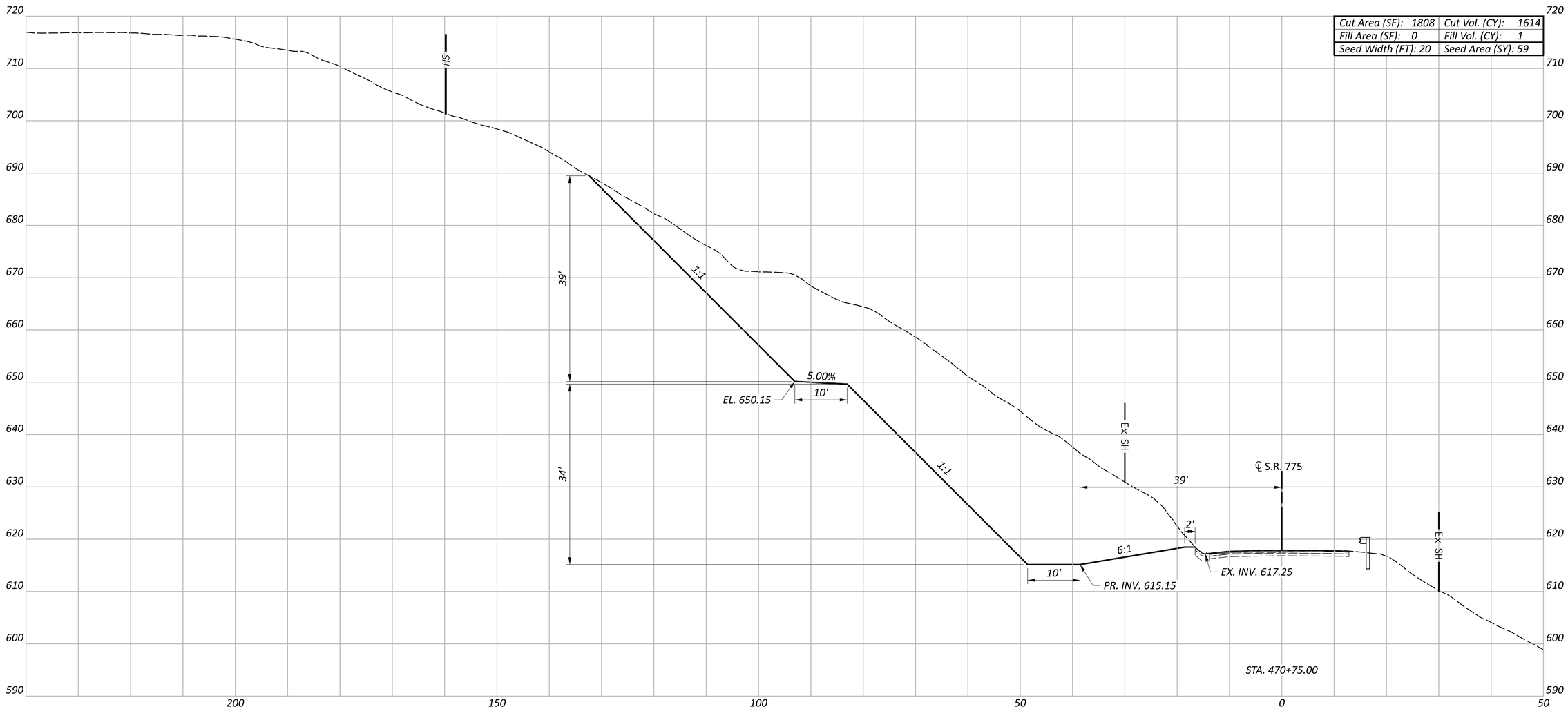
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.30 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 470+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



Cut Area (SF): 1808	Cut Vol. (CY): 1614
Fill Area (SF): 0	Fill Vol. (CY): 1
Seed Width (FT): 20	Seed Area (SY): 59

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 470+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

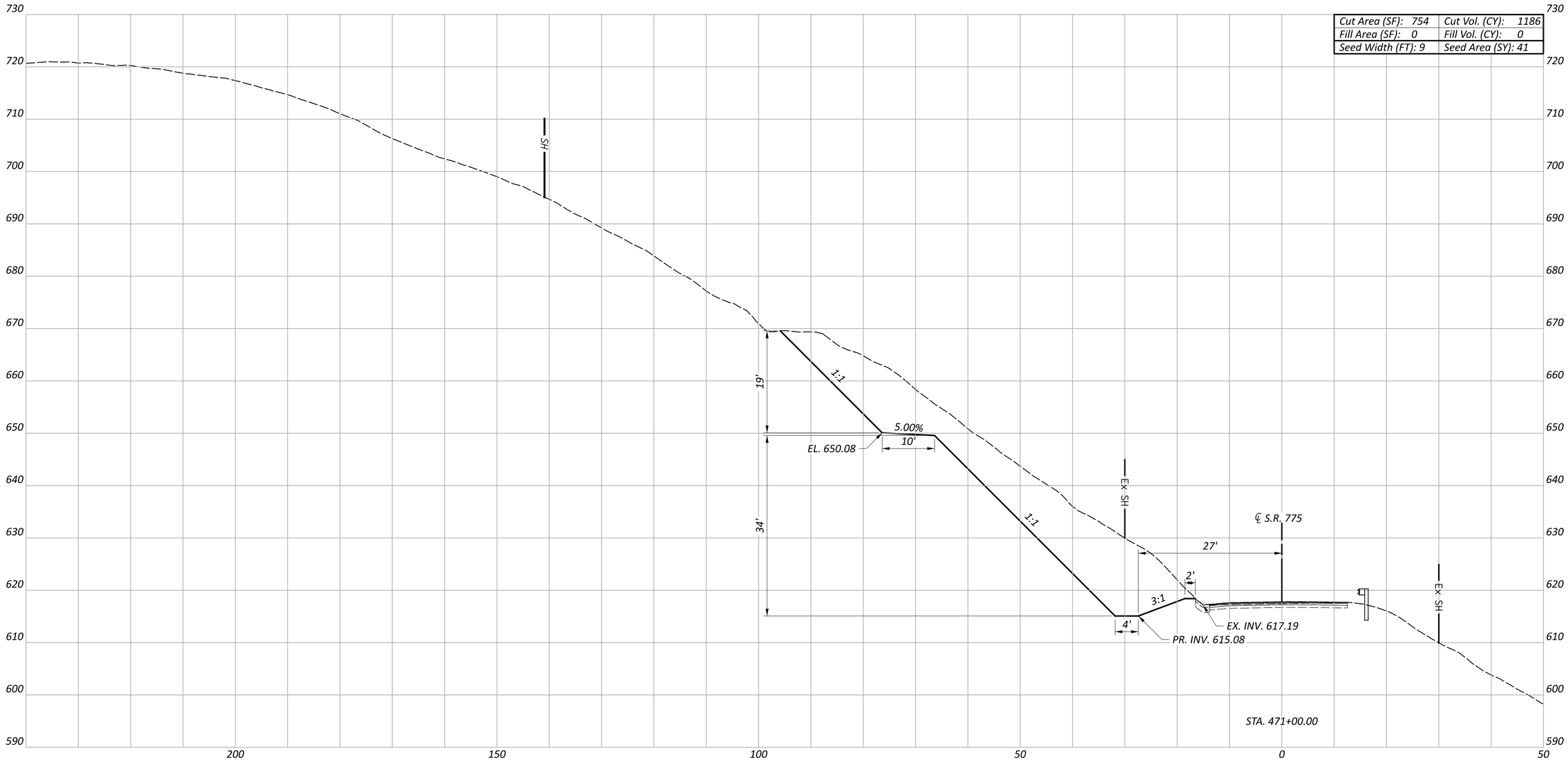
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.31 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 470+75.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 471+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

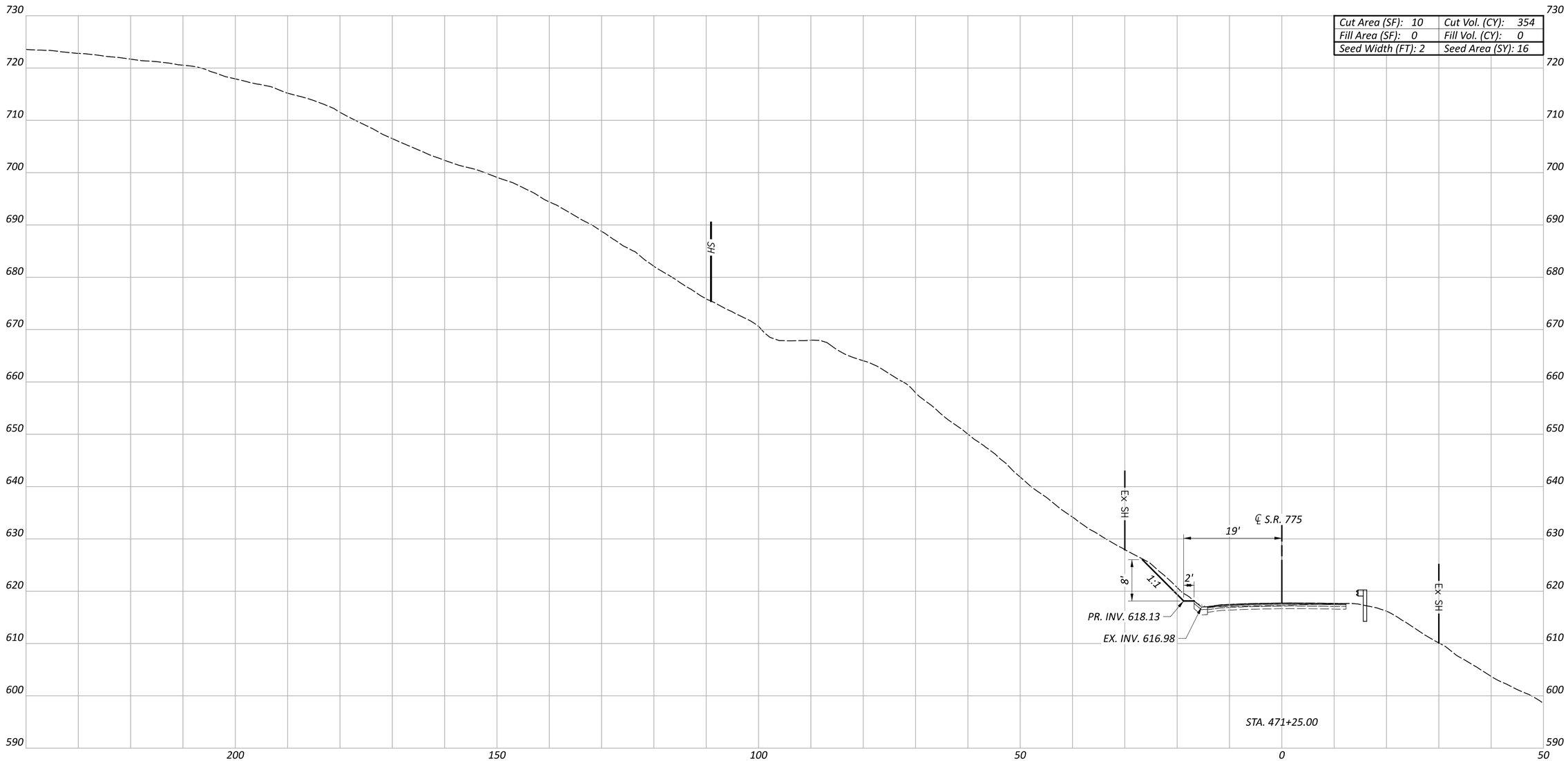
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.32 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 471+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



Cut Area (SF): 10	Cut Vol. (CY): 354
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): 2	Seed Area (SY): 16

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 471+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

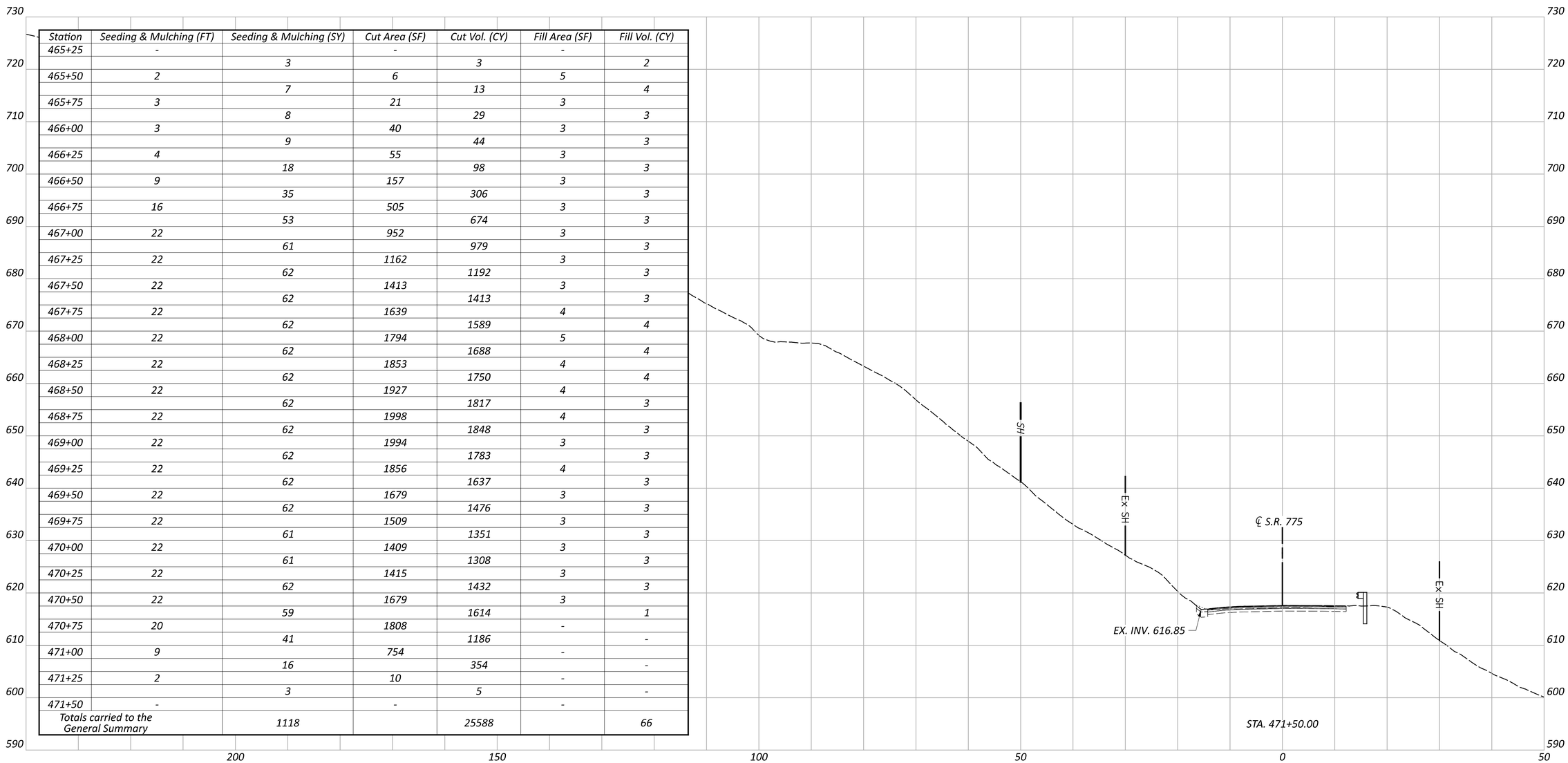
PROJECT ID
118778

SHEET P.33 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 471+25.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn

Station	Seeding & Mulching (FT)	Seeding & Mulching (SY)	Cut Area (SF)	Cut Vol. (CY)	Fill Area (SF)	Fill Vol. (CY)
465+25	-		-		-	
		3		3		2
465+50	2		6		5	
		7		13		4
465+75	3		21		3	
		8		29		3
466+00	3		40		3	
		9		44		3
466+25	4		55		3	
		18		98		3
466+50	9		157		3	
		35		306		3
466+75	16		505		3	
		53		674		3
467+00	22		952		3	
		61		979		3
467+25	22		1162		3	
		62		1192		3
467+50	22		1413		3	
		62		1413		3
467+75	22		1639		4	
		62		1589		4
468+00	22		1794		5	
		62		1688		4
468+25	22		1853		4	
		62		1750		4
468+50	22		1927		4	
		62		1817		3
468+75	22		1998		4	
		62		1848		3
469+00	22		1994		3	
		62		1783		3
469+25	22		1856		4	
		62		1637		3
469+50	22		1679		3	
		62		1476		3
469+75	22		1509		3	
		61		1351		3
470+00	22		1409		3	
		61		1308		3
470+25	22		1415		3	
		62		1432		3
470+50	22		1679		3	
		59		1614		1
470+75	20		1808		-	
		41		1186		-
471+00	9		754		-	
		16		354		-
471+25	2		10		-	
		3		5		-
471+50	-		-		-	
Totals carried to the General Summary		1118		25588		66



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 471+50 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

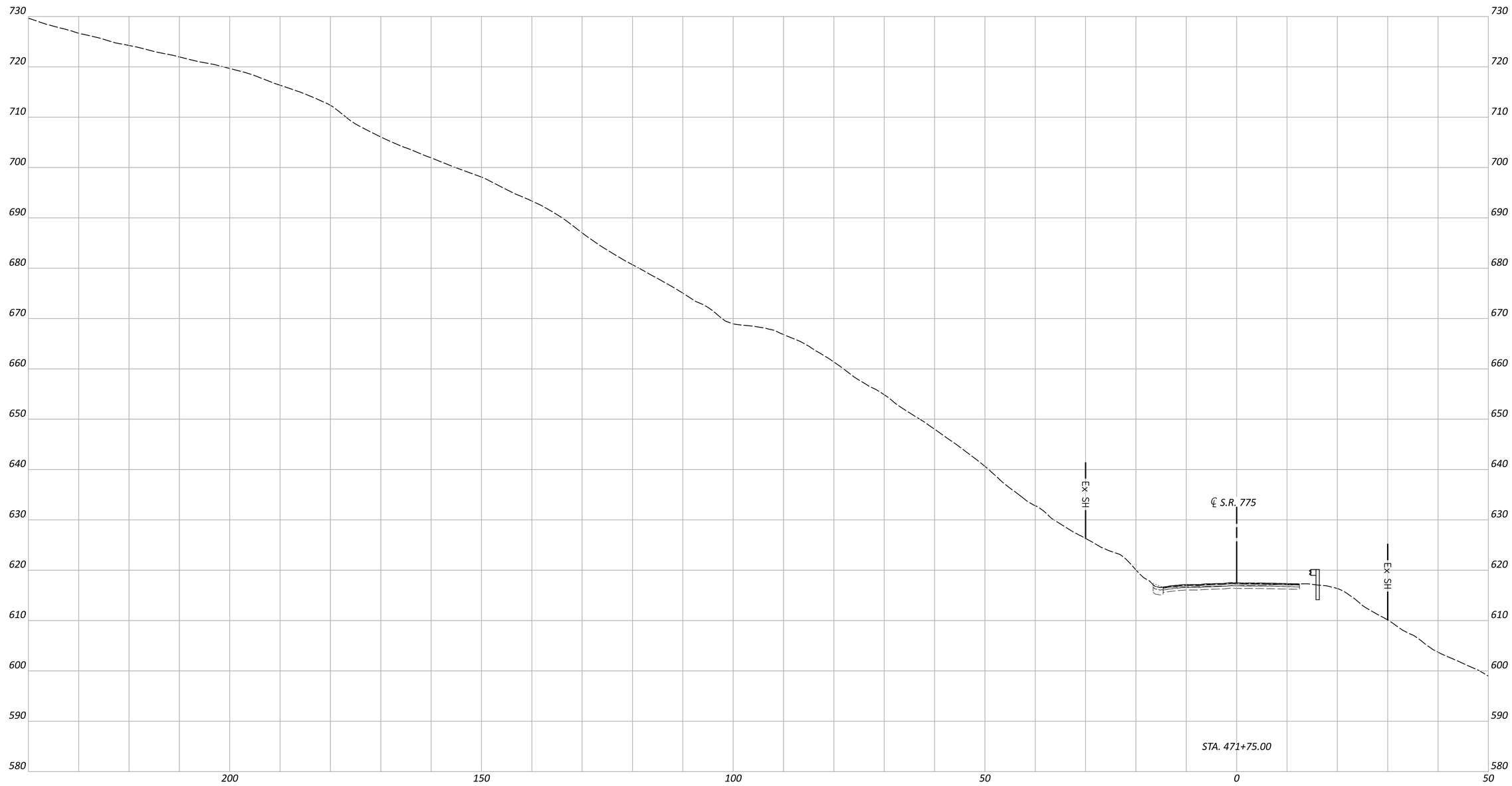
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.34 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 471+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 471+75 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

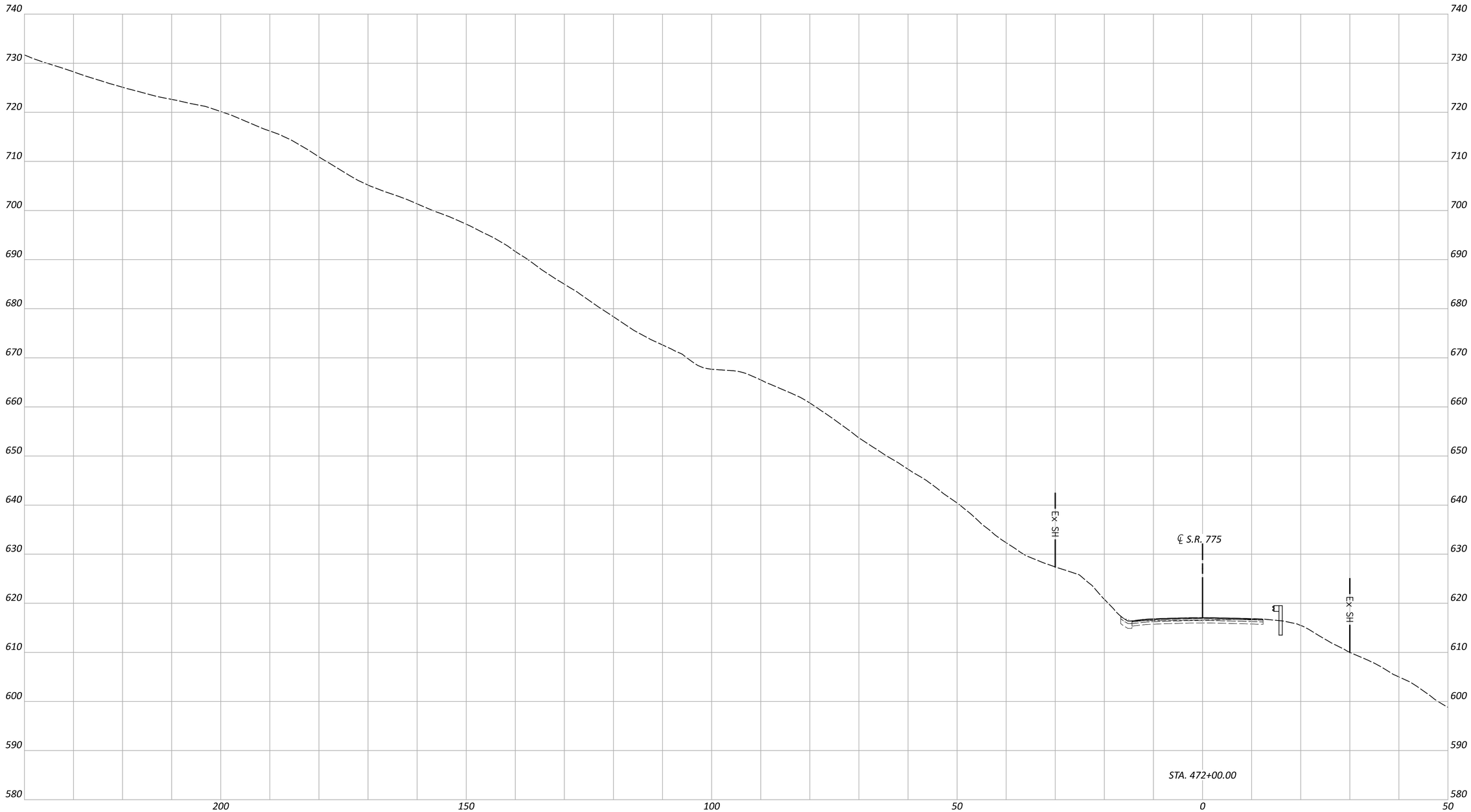
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.35 TOTAL 53

LAW-775-8.77

MODEL: clks775 - 471+75.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 472+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

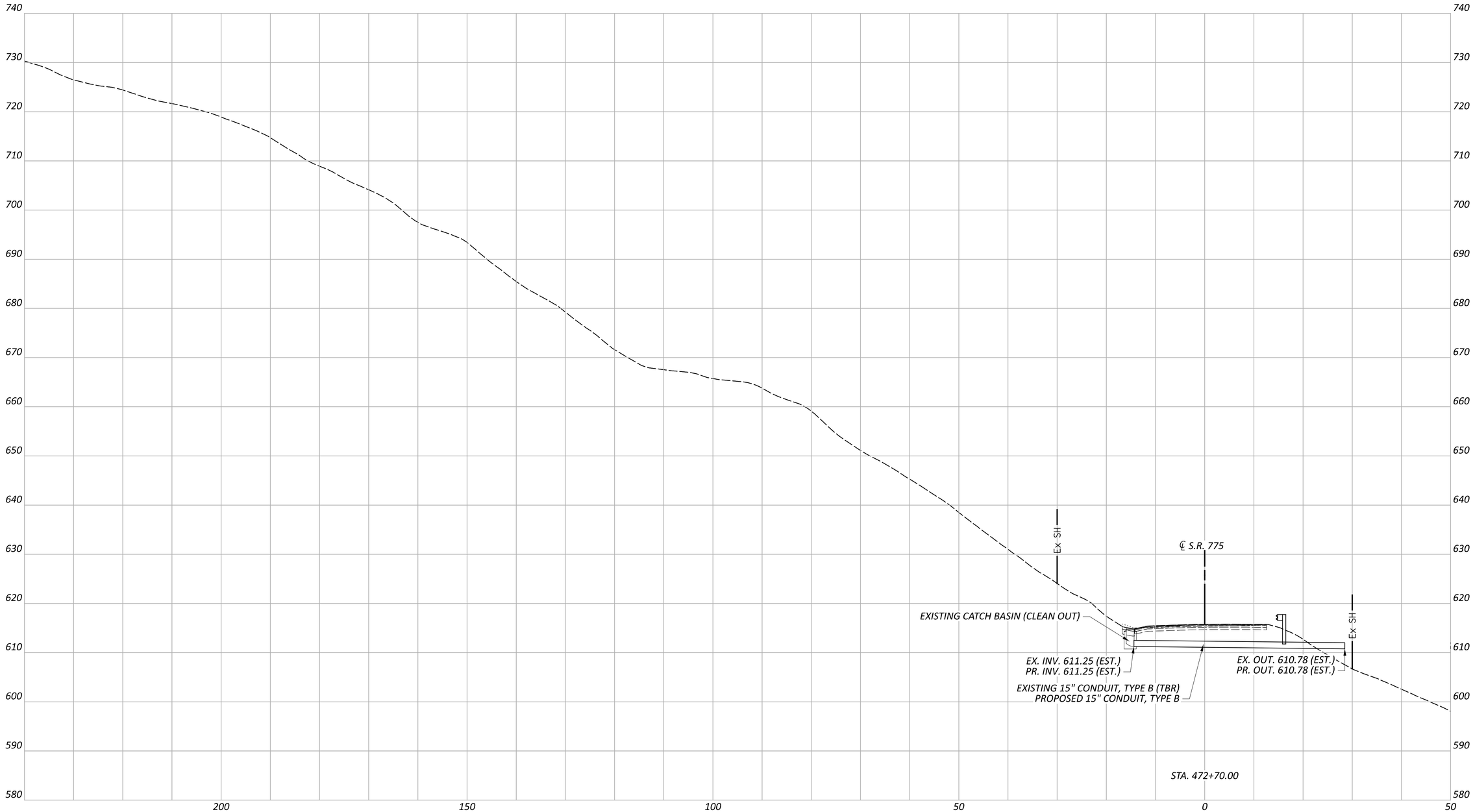
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.36 TOTAL 53

LAW-775-8.77

MODEL: cks775 - 472+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 472+70 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

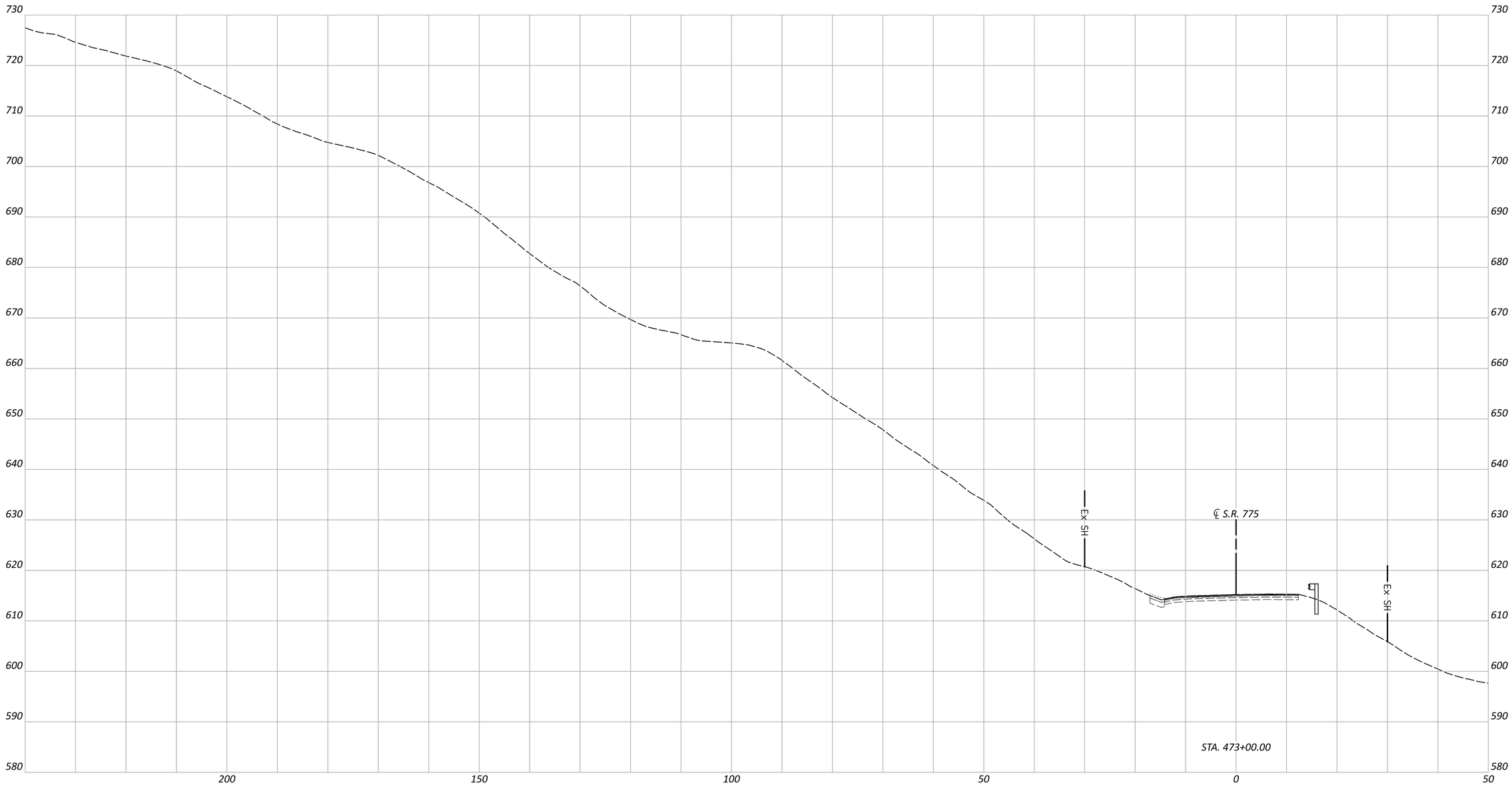
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.37 TOTAL 53

LAW-775-8.77

MODEL: clks777 - 472+70.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 473+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

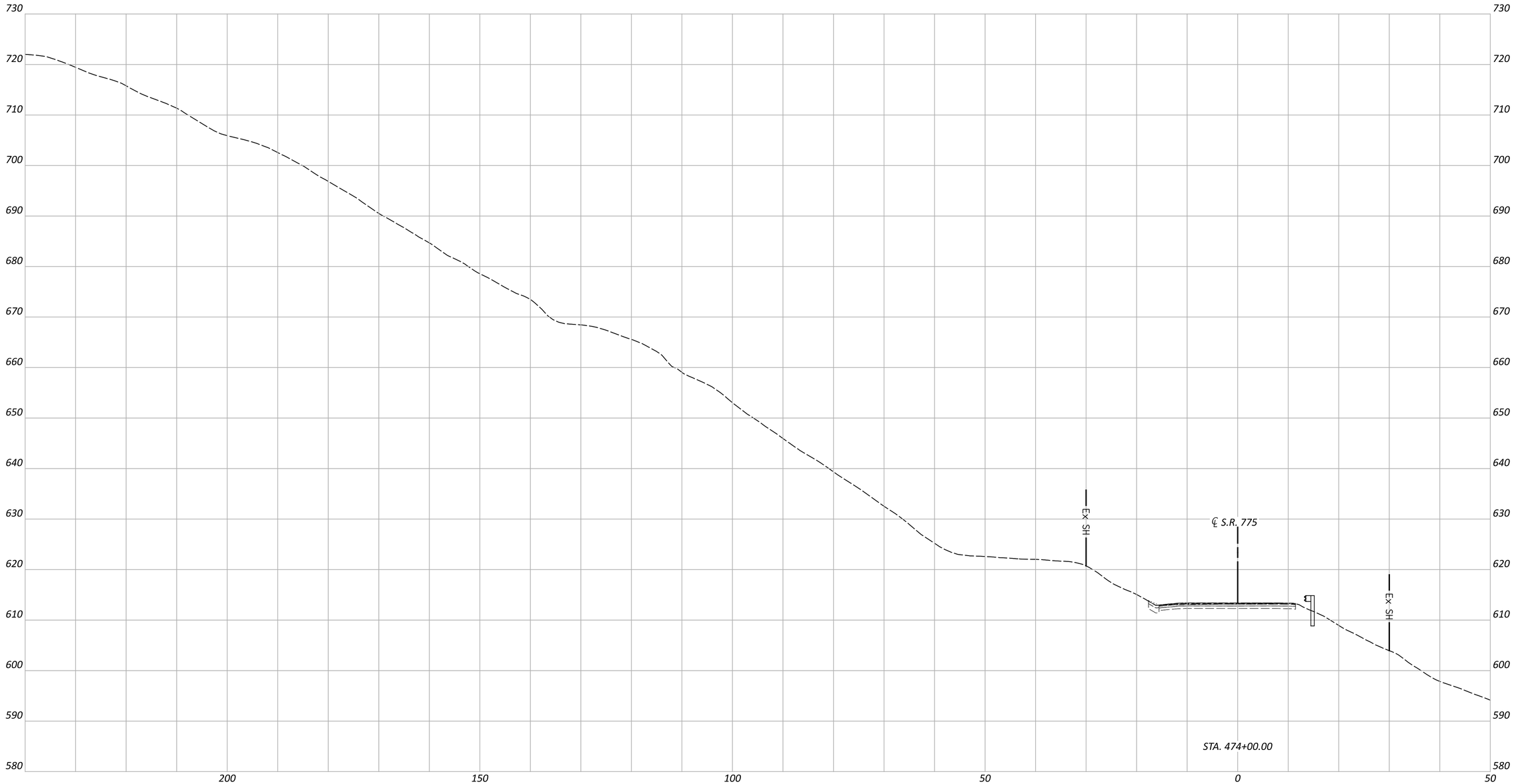
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.38 TOTAL 53

LAW-775-8.77

MODEL: cks776 - 473+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 474+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

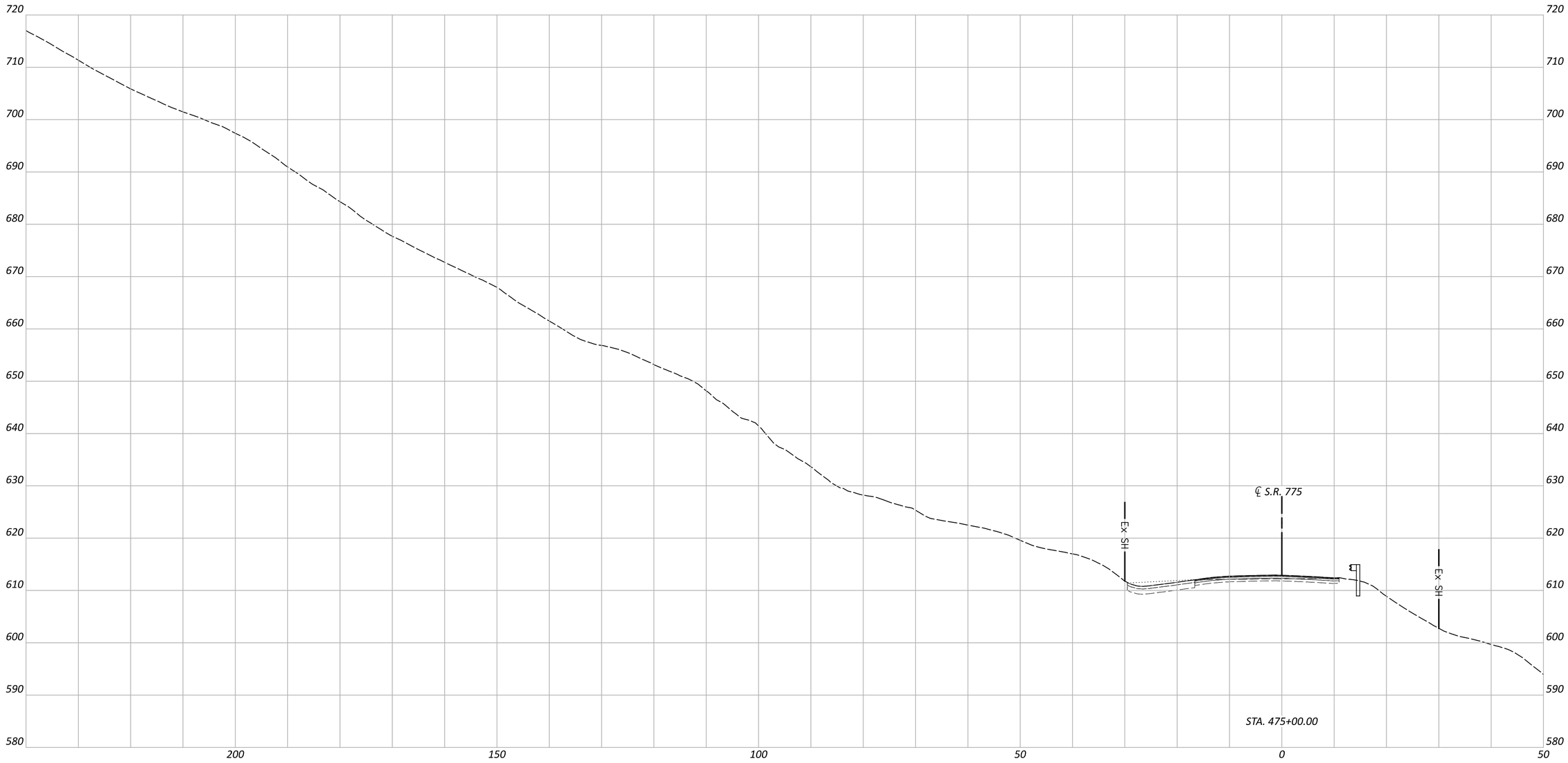
REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.39 TOTAL 53

LAW-775-8.77

MODEL: cks776 - 474+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 09\Lawrence\118778\400-Engineering\Roadway\Sheets\118778_XS000.dgn



HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 475+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.40 TOTAL 53

LAW-775-8.77

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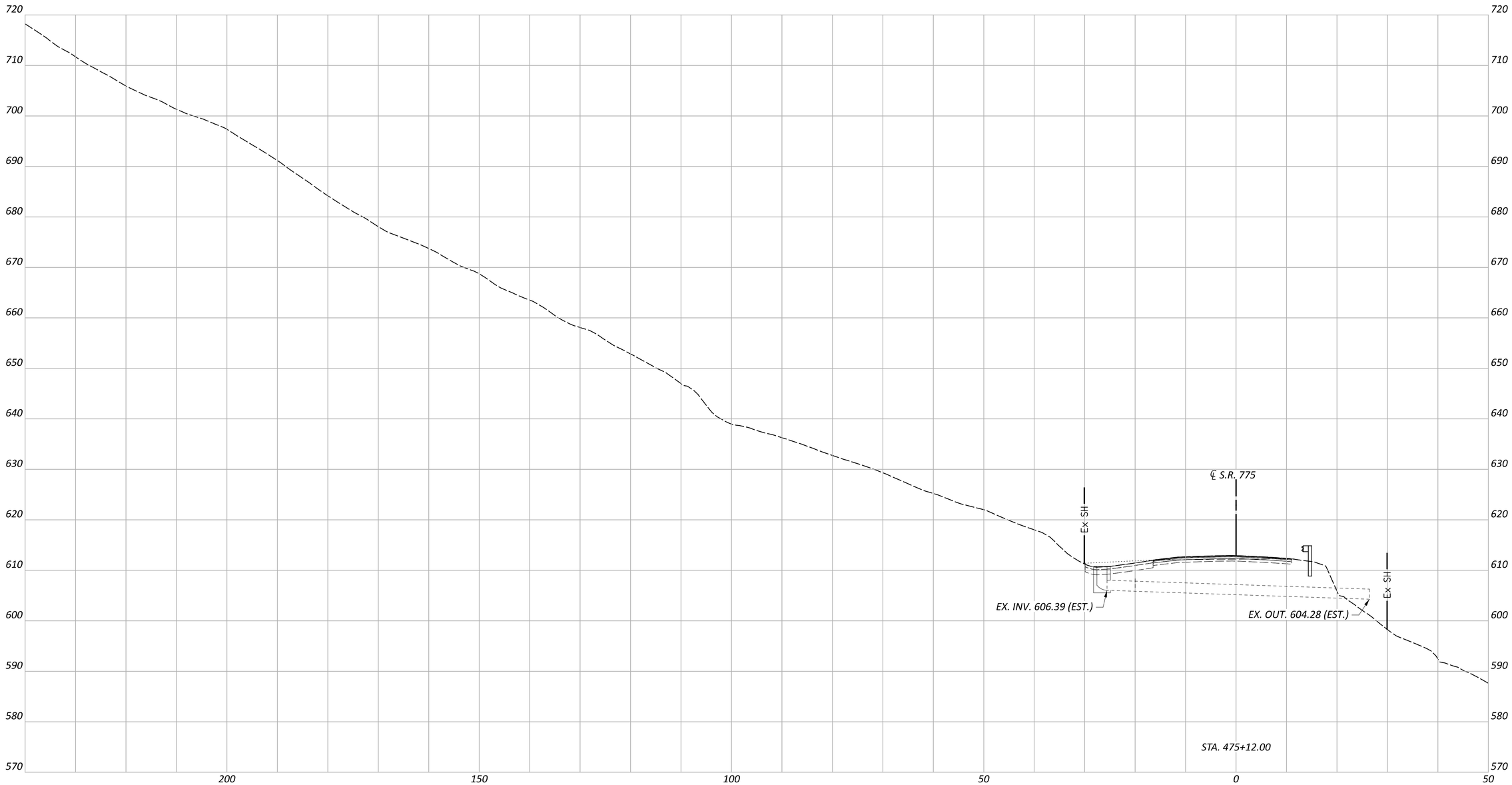

HORIZONTAL SCALE IN FEET
0 5 10 20

CROSS SECTIONS
STA. 475+12 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
MWH 10/17/25

PROJECT ID
118778

SHEET P.41 TOTAL 53

LAW-775-8.77

MODEL: cks778 -475+12.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:34:52 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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PROJECT DESCRIPTION

THE PROJECT CONSISTS OF PERFORMING A ROCKFALL REMEDIATION ON LAW-775-8.77.

HISTORIC RECORDS

HISTORICAL GEOTECHNICAL RECORDS WERE OBTAINED FROM ODOT'S TRANSPORTATION INFORMATION MAPPING SYSTEM (TIMS) FOR LAW-775-0.00, PID 24818 (SUB-BATCH 19078) COMPLETED IN 2001 AS A LANDSLIDE EXPLORATION OF TWO DISTURBED SLOPE SECTIONS WITHIN THE PROPOSED PROJECT LIMITS. ONLY BORINGS B-5 AND B-8 (RENAMED B-005-0-01 AND B-008-0-01) WERE CONSIDERED RELEVANT TO THE CURRENT PROJECT AND ARE PRESENTED WITHIN THIS GEOTECHNICAL PROFILE. NO ADDITIONAL HISTORICAL GEOTECHNICAL RECORDS WERE FOUND FOR THIS PROJECT.

GEOLOGY

THE PROJECT AREA IS LCOATED WITHIN THE NON-GLACIATED MARIETTA PLATEAU PHYSIOGRAPHIC REGION, WHICH IS CHARACTERIZED BY A HIGH RELIEF, DISSECTED PLATEAU. THIN RESIDUAL SOILS ARE LOCATED ALONG THE RIDGE TOPS AND HILLSIDES AND THIN TO THICK COLLUVIAL SOILS ARE LOCATED AT THE BASE OF THE HILLS. THE OHIO DEPARTMENT OF NATRUAL RESOURCES (ODNR) OHIO GEOLOGY INTERACTIVE MAP INDICATES THAT THE COLLUVIAL OVERBURDEN SOILS ARE UNDERLAIN BY PENNSYLVANNIAN-AGED SHALE, SILTSTONE, SANDSTONE AND COAL OF THE CONEMAUGH GROUP.

RECONNAISSANCE

FIELD RECONNAISSANCE WAS COMPLETED BY PERSONNEL FROM THE OFFICE OF GEOTECHNICAL ENGINEERING (OGE) ON JULY 23, 2024. THE PROJECT AREA CONSISTS PRIMARILY OF A WOODED HILLSIDE. ACCESS TO THE SITE WAS ACHIEVED THROUGH GRASSY TRAILS RUNNING ALONG THE OUTSIDE OF THE HILLSIDE. AT THE BASE OF THE HILLSIDE IS A WOODEN BARN. BEDROCK IS EXPOSED ABOVE MOST OF THE SOUTHBOUND LANES CONSISTING PREDOMINANTLY OF SANDSTONE WITH SEVERAL AREAS COVERED BY TALUS AND VEGETATION. A PAVED GUTTER IS PRESENT BETWEEN THE EXPOSED BEDROCK AND THE SHOULDER OF THE SOUTHBOUND LANE. BELOW THE NORTHBOUND LANE IS A STEEP VEGETATED SLOPE LEADING TO INDIAN GUYAN CREEK. A POST AND PANEL RETAINING WALL IS PRESENT BELOW THE ROADWAY WITHIN A PORTION OF THE PROJECT AREA. THE PAVEMENT WAS NOTED AS BEING IN GOOD CONDITION. ADDITIONAL RECONNAISSANCE WAS COMPLETED ON OCTOBER 31, 2024 TO COMPLETE DETAILED DESCRIPTIONS OF THE EXPOSED BEDROCK AND COLLECT SAMPLES FOR TESTING WHICH IS PRESENTED IN THE EXPLORATION FINDINGS.

SUBSURFACE EXPLORATION

HISTORICAL BORINGS B-005-0-01 AND B-008-0-01 WERE COMPLETED BETWEEN OCTOBER 16 AND 17, 2001 UTILIZING A TRUCK MOUNTED ROTARY DRILL RIG USING 2-INCH HOLLOW STEM AUGERS. THE ELEVATIONS SHOWN IN THE HISTORIC BORING LOGS WERE BASED OFF INTERPOLATED TOPOGRAPHIC INFORMATION FROM THE ORIGINAL 2002 SITE PLAN AND NOT SURVEY DATA, SO THE ELEVATIONS PRESENTED WITHIN THE EXPLORATION FINDINGS SECTION SHOULD BE TAKEN AS APPROXIMATE VALUES.

ONE (1) BORING, B-009-0-24, WAS COMPLETED AS PART OF THE SUBSURFACE EXPLORATION BETWEEN AUGUST 12 AND 15, 2024. THE BORING WAS DRILLED BY AN ACKER MOUNTED REBEL XL ROTARY DRILL RIG USING 3 ¼- INCH I.D. HOLLOW STEM AUGERS TO ADVANCE THE BORING THROUGH THE FIRST 5 FT OF OVERBURDEN MATERIALS. NO SAMPLES WERE TAKEN WITHIN THE OVERBURDEN LAYER. THE BORING WAS ADVANCED INTO BEDROCK AND SAMPLED (AASHTO T225) USING AN N-SERIES WIRELINE CORE BARREL, WATER METHOD UNTIL ITS TERMINATION.

EXPLORATION FINDINGS

BORINGS B-005-0-01 AND B-008-0-01 WERE COMPLETED ALONG THE TOP OF THE EXISTING ROCK SLOPE WHERE THE BORINGS WERE ADVANCED THROUGH 2 FT OF COHESIVE OVERBURDEN SOILS. BENEATH THE OVERBURDEN SOILS THE BORINGS ENCOUNTERED ROCK CONSISTING OF SHALE. BOTH BORINGS AUGERED 3 FT THROUGH THE ENCOUNTERED SHALE BEFORE STARTING CORING OPERATIONS AT ROUGHLY ELEVATIONS 664 FT AND 657.5 FT RESPECTIVELY. BENEATH THE SHALE BOTH BORINGS ENCOUNTERED SANDSTONE BETWEEN APPROXIMATE ELEVATIONS 657.2 FT AND 650.0 FT. THE SANDSTONE EXTENDED TO APPROXIMATE ELEVATIONS 622.2 FT AND 616.7 FT WHERE IT TRANSITIONED INTO SHALE. B-008-0-01 WAS TERMINATED IN THIS SHALE LAYE WHILE B-005-0-01 WAS ADVNACED THROUGH ITHE LAYER AND ENCOUNTERED SANDSTONE BENEATH IT AT APPROXIMATE ELEVATION 613.8 FT. THE SANDSTONE EXTENDED TO APPROXIMATE ELEVATION 610.0 FT WHERE IT TRANSITIONED TO SHALE IN WHICH B-005-0-01 WAS TERMINATED. SLAKE DURABILITY TESTS WERE RUN ON REPRESENTATIVE ROCK SAMPLES TAKEN FROM THE SHALE LAYERS AND RANGED FROM 14% TO 96%. THESE RESULTS ARE SUMMARIZED IN THE BEDROCK TEST SUMMARY TABLE ON SHEET 2.

EXPLORATION FINDINGS CONTINUED ON SHEET 2.

LEGEND

DESCRIPTION	ODOT CLASS	CLASSIFIED MECH./VISUAL
SANDSTONE	VISUAL	
SHALE	VISUAL	
SILTSTONE	VISUAL	

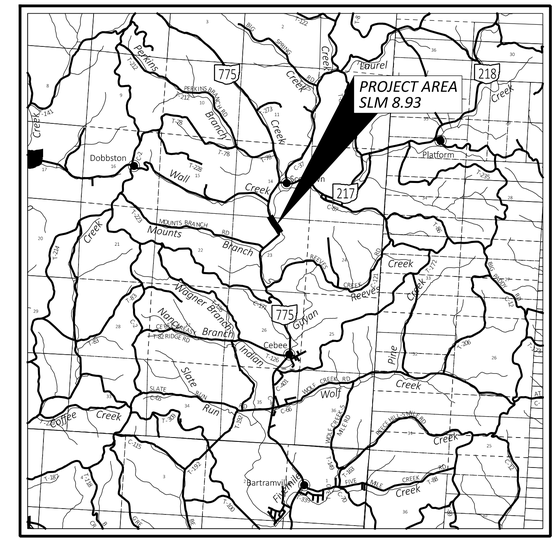
HISTORICAL SOIL DESCRIPTION	ODOT CLASS	CLASSIFIED MECH./VISUAL
SILT AND CLAY	A-6a	- 2
	TOTAL	- 2
SANDSTONE	VISUAL	
SHALE	VISUAL	
PAVEMENT OR BASE = X = APPROXIMATE THICKNESS	VISUAL	
SOD AND TOPSOIL = X = APPROXIMATE THICKNESS	VISUAL	

BORING LOCATION - PLAN VIEW.

HISTORIC BORING LOCATION - PLAN VIEW.

DRIVE SAMPLE AND/OR ROCK CORE BORING PLOTTED TO VERTICAL SCALE ONLY. HORIZONTAL BAR INDICATES A CHANGE IN STRATIGRAPHY.

WC	INDICATES WATER CONTENT IN PERCENT.
N_{60}	INDICATES STANDARD PENETRATION RESISTANCE NORMALIZED TO 60% DRILL ROD ENERGY RATIO.
N	INDICATES STANDARD PENETRATION RESISTANCE NORMALIZED TO 60% DRILL ROD ENERGY RATIO.
Y/Z	NUMBER OF BLOWS FOR STANDARD PENETRATION TEST (SPT): Y= NUMBER OF BLOWS FOR FIRST 6 INCHES. Z= NUMBER OF BLOWS FOR SECOND AND THIRD 6 INCHES (UNCORRECTED).
γ	INDICATES UNIT WEIGHT OF ROCK.
Qu	INDICATES UNCONFINED COMPRESSION TEST, ASTM D7012. (ROCK)
S_o	INDICATES POINT LOAD STRENGTH VALUE, ASTM D5731.
Id2	INDICATES SLAKE DURABILITY TEST, ASTM D4644.
SDI	INDICATES SLAKE DURABILITY INDEX.
NQ	"N" SERIES ROCK CORE BARREL OF "Q" WIRELINE BIT SIZE.
NR	INDICATES WHERE DATA WAS NOT RECORDED.
TR	INDICATES TOP OF ROCK ELEVATION.



LOCATION MAP

SCALE IN MILES

0 1 2 3 4

PARTICLE SIZE DEFINITIONS

BOULDERS	12"	COBBLES	3"	GRAVEL	2.0 mm (No. 10 SIEVE)	COARSE SAND	0.42 mm (No. 40 SIEVE)	FINE SAND	0.074 mm (No. 200 SIEVE)	SILT	0.005 mm	CLAY

INDEX OF SHEETS		
EXPLORATION NOTES CONT., SHEET 2.		
LOCATION FROM STA. TO STA.	PLAN VIEW SHEET	CROSS SECTION SHEET
SR 775		
467+50 473+50	3	-
467+75 & 468+00	-	4
469+25	-	5
469+50	-	6
473+00	-	7
BORING LOGS & ROCK CORE PHOTOS, SHEETS 8 - 10.		
HISTORIC BORING LOGS, SHEETS 11 - 12.		

RECON. -	AMJ	07/23/24, 10/31/24
DRILLING -	DML	8/12/24 - 8/15/24
DRAWN -	AJC	12/12/24
REVIEWED -	SAT	12/13/24

GEOTECHNICAL PROFILE - ROCKFALL

DESIGN AGENCY

DESIGNER AJC

REVIEWER SAT 12/13/24

PROJECT ID 118778

SUBSET 1 TOTAL 12

SHEET P.42 TOTAL 53

LAW-775-8.77

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EXPLORATION FINDINGS (CONT.)

BORING B-009-0-24 WAS COMPLETED AT THE TOP OF THE ROCK SLOPE WHERE IT ENCOUNTERED 6 INCHES OF COHESIVE SOIL. BENEATH THE SURFACE MATERIALS, THE BORING ENCOUNTERED SEVERLY WEATHERED SANDSTONE WHICH WAS AUGERED THROUGH WITHOUT SAMPLING TO ELEVATION 683.9 FT. SANDSTONE IN HIGHLY TO MODERATELY WEATHERED CONDITION AND MODERATELY STRONG TO STRONG WAS ENCOUNTERED BENEATH THE INITIAL SEVERLY WEATHERED LAYER TO AN ELEVATION OF 672.1 FT. BENEATH THE SANDSTONE THE BORING ENCOUNTERED HIGHLY TO MODERATELY WEATHERED AND SLIGHTLY STRONG SILTSTONE TO ELEVATION 665.6 FT WHICH WAS UNDERLAIN BY A THIN LAYER OF HIGHLY WEATHERED AND VERY WEAK SHALE TO AN ELEVATION OF 663.9 FT. MORE SILTSTONE WAS ENCOUNTERED BENEATH THE SHALE AND WAS HIGHLY TO MODERATELY WEATHERED IN CONDITION AND WEAK TO SLIGHTLY STRONG. THE SILTSTONE TRANSITIONED INTO MODERATELY WEATHERED, SLIGHTLY STRONG SANDSTONE AROUND ELEVATION 653.0 FT. THE SANDSTONE TRANSITIONED INTO A MODERATELY STRONG LAYER AROUND ELEVATION 647.3 FT IN WHICH THE BORING WAS TERMINATED IN. WATER LOSS WAS NOTED WITHIN SANDSTONE AND SILTSTONE LAYERS AT ELEVATIONS 675.6 FT AND 670.1 FT, RESPECTIVELY.

ALL BORINGS WERE REPORTED AS DRY PRIOR TO CORING.

FIVE (5) REPRESENTATIVE BEDROCK SAMPLES WERE TAKEN FROM THE FACE OF THE ROCK SLOPE BETWEEN ELEVATIONS 621.5 FT AND 632.7 FT. THESE SAMPLES WERE USED TO GENERATE ROCK FACE CALLOUTS AT STATIONS 467+75 AND 469+25.

REPRESENTATIVE BEDROCK SAMPLES FROM B-009-0-24 AND FROM THE FACE OF THE ROCK SLOPE WERE TESTED FOR STRENGTH USING UNCONFINED COMPRESSIVE TESTING WHICH HAD RESULTS RANGING BETWEEN 13 AND 9,375 PSI AND POINT LOAD INDEX TESTING WITH RESULTS RANGING FROM 292 TO 4,190 PSI. SLAKE DURABILITY TESTS WERE ALSO RUN ON THE BEDROCK SAMPLES TO TEST HOW WELL THE MATERIAL COULD WITHSTAND WEATHERING WITH RESULTS RANGING FROM 2.4% TO 97.5%. THESE RESULTS ARE SUMMARIZED IN THE BEDROCK TEST SUMMARY TABLE ON THIS SHEET.

SPECIFICATIONS

THIS GEOTECHNICAL EXPLORATION WAS PERFORMED IN ACCORDANCE WITH THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, OFFICE OF GEOTECHNICAL ENGINEERING, SPECIFICATIONS FOR GEOTECHNICAL EXPLORATIONS, DATED JULY 2024.

AVAILABLE INFORMATION

THE SOIL, BEDROCK, AND GROUNDWATER INFORMATION COLLECTED FOR THIS SUBSURFACE EXPLORATION THAT CAN BE CONVENIENTLY DISPLAYED ON THE GEOTECHNICAL PROFILE SHEETS HAS BEEN PRESENTED. GEOTECHNICAL REPORTS, IF PREPARED, ARE AVAILABLE FOR REVIEW ON THE OFFICE OF CONTRACT SALES WEBSITE.

BEDROCK BLOCK TEST SUMMARY

STATION	SAMPLE	SAMPLE ELEVATION	LITHOLOGY	γ (pcf)	Sc (psi)	QU (psi)	Id2 (%)	RETAINED TYPE
467+82.25	S-1	623.0'	SANDSTONE	136.2	-	1,114	82.5	I
467+82.25	S-2	621.5'	SANDSTONE	141.4	-	1,309	50.8	I
467+82.25	S-2	621.5'	SANDSTONE	140.4	-	1,387	-	-
467+82.25	S-3	626.5'	SANDSTONE	133.0	292	-	42.3	I
469+31.83	S-4	632.7'	SANDSTONE	144.3	-	2,440	85.3	I
469+31.83	S-5	621.7'	SANDSTONE	135.1	-	2,031	85.8	I

BEDROCK TEST SUMMARY

EXPLOR. ID	SAMPLE DEPTH	SAMPLE ELEVATION	LITHOLOGY	Sc (psi)	QU (psi)	Id2/SDI (%)	RETAINED TYPE
B-009-0-24	5.5' - 7.0'	683.4' - 681.9'	SANDSTONE	-	-	96.3	I
B-009-0-24	6.6' - 6.9'	682.3' - 682.0'	SANDSTONE	-	4,160	-	-
B-009-0-24	11.0' - 13.0'	677.9' - 675.9'	SANDSTONE	-	-	97.5	I
B-009-0-24	11.3' - 11.6'	677.6' - 677.3'	SANDSTONE	-	9,375	-	-
B-009-0-24	15.2' - 16.8'	673.7' - 672.1'	SANDSTONE	4,190	-	-	-
B-009-0-24	17.0' - 20.0'	671.9' - 668.9'	SILTSTONE	2,233	-	-	-
B-009-0-24	17.0' - 20.0'	671.9' - 668.9'	SILTSTONE	-	-	93.9	II
B-009-0-24	23.3' - 25.0'	665.6' - 663.9'	SHALE	-	-	2.4	III
B-009-0-24	23.9' - 24.1'	665.0' - 664.8'	SHALE	-	13	-	-
B-009-0-24	27.0' - 29.0'	661.9' - 659.9'	SILTSTONE	-	-	85.8	II
B-009-0-24	29.6' - 30.0'	659.3' - 658.9'	SILTSTONE	-	1,855	-	-
B-009-0-24	30.0' - 35.0'	658.9' - 653.9'	SILTSTONE	-	-	93.4	II
B-009-0-24	30.1' - 30.5'	658.8' - 658.4'	SILTSTONE	-	1,171	-	-
B-009-0-24	36.0' - 37.7'	652.9' - 651.2'	SANDSTONE	-	-	92.7	I
B-009-0-24	37.1' - 37.4'	651.8' - 651.5'	SANDSTONE	-	2,953	-	-
B-009-0-24	43.8' - 44.3'	645.1' - 644.6'	SANDSTONE	-	-	93.9	I
B-009-0-24	44.3' - 44.6'	644.6' - 644.3'	SANDSTONE	-	4,401	-	-
B-005-0-01	7.3'	661.7'	SHALE	-	-	96.0	-
B-005-0-01	11.7'	657.3'	SHALE	-	-	91.0	-
B-005-0-01	47.5'	621.5'	SHALE	-	-	87.0	-
B-005-0-01	49.8'	619.2'	SHALE	-	-	39.0	-
B-008-0-01	6.5'	656.0'	SHALE	-	-	83.0	-
B-008-0-01	47.5'	615.0'	SHALE	-	-	86.0	-
B-008-0-01	50.0'	612.5'	SHALE	-	-	14.0	-

GEOTECHNICAL PROFILE - ROCKFALL
EXPLORATION NOTES (CONT.)

DESIGN AGENCY

DESIGNER AJC
REVIEWER SAT 12/13/24
PROJECT ID 118778
SUBSET 2 TOTAL 12
SHEET P.43 TOTAL 53

LAW-775-8.77

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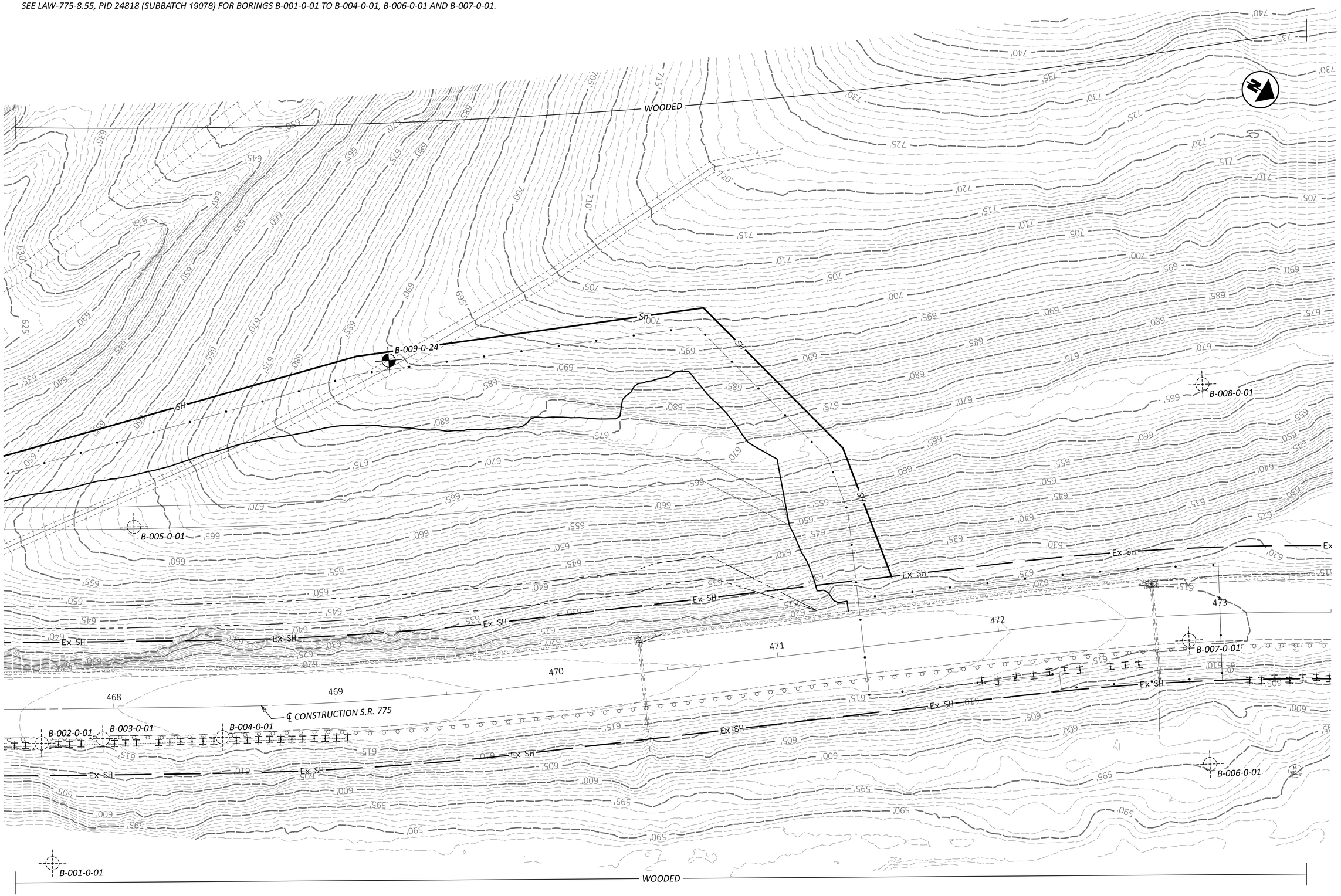
SEE LAW-775-8.55, PID 24818 (SUBBATCH 19078) FOR BORINGS B-001-0-01 TO B-004-0-01, B-006-0-01 AND B-007-0-01.



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROCKFALL
PLAN VIEW STA. 467+50 TO STA. 473+50 - S.R. 775

DESIGN AGENCY

DESIGNER	AJC
REVIEWER	SAT 12/13/24
PROJECT ID	118778
SUBSET	3
TOTAL	12
SHEET	P.44
TOTAL	53

LAW-775-8.77

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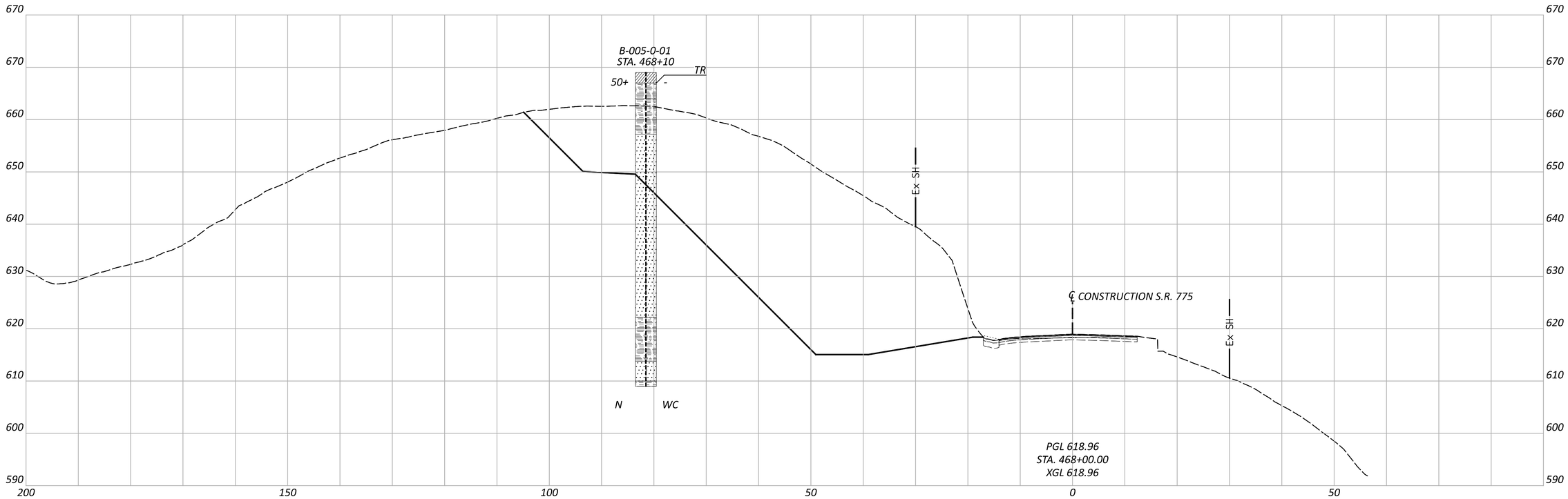

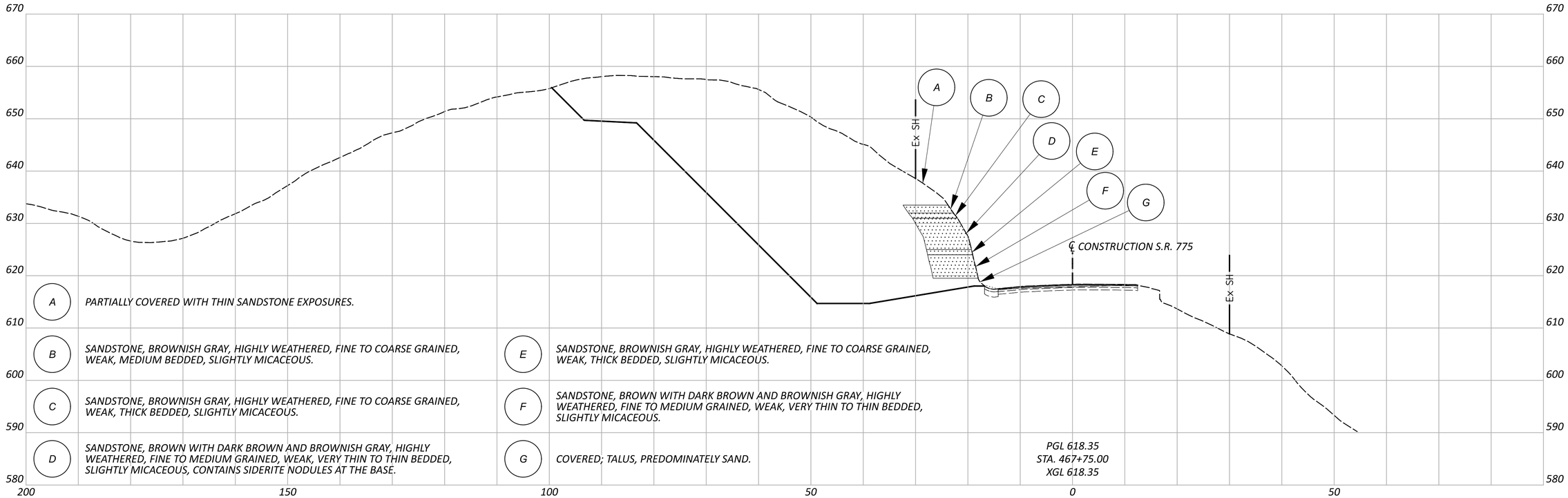

A	PARTIALLY COVERED WITH THIN SANDSTONE EXPOSURES.		
B	SANDSTONE, BROWNISH GRAY, HIGHLY WEATHERED, FINE TO COARSE GRAINED, WEAK, MEDIUM BEDDED, SLIGHTLY MICACEOUS.	E	SANDSTONE, BROWNISH GRAY, HIGHLY WEATHERED, FINE TO COARSE GRAINED, WEAK, THICK BEDDED, SLIGHTLY MICACEOUS.
C	SANDSTONE, BROWNISH GRAY, HIGHLY WEATHERED, FINE TO COARSE GRAINED, WEAK, THICK BEDDED, SLIGHTLY MICACEOUS.	F	SANDSTONE, BROWN WITH DARK BROWN AND BROWNISH GRAY, HIGHLY WEATHERED, FINE TO MEDIUM GRAINED, WEAK, VERY THIN TO THIN BEDDED, SLIGHTLY MICACEOUS.
D	SANDSTONE, BROWN WITH DARK BROWN AND BROWNISH GRAY, HIGHLY WEATHERED, FINE TO MEDIUM GRAINED, WEAK, VERY THIN TO THIN BEDDED, SLIGHTLY MICACEOUS, CONTAINS SIDERITE NODULES AT THE BASE.	G	COVERED; TALUS, PREDOMINATELY SAND.

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROCKFALL
CROSS SECTION STA. 467+75 & STA. 468+00 - S.R. 775

DESIGN AGENCY

DESIGNER: AJC
REVIEWER: SAT 12/13/24
PROJECT ID: 118778
SUBSET: 4 TOTAL: 12
SHEET: P.45 TOTAL: 53

LAW-775-8.77

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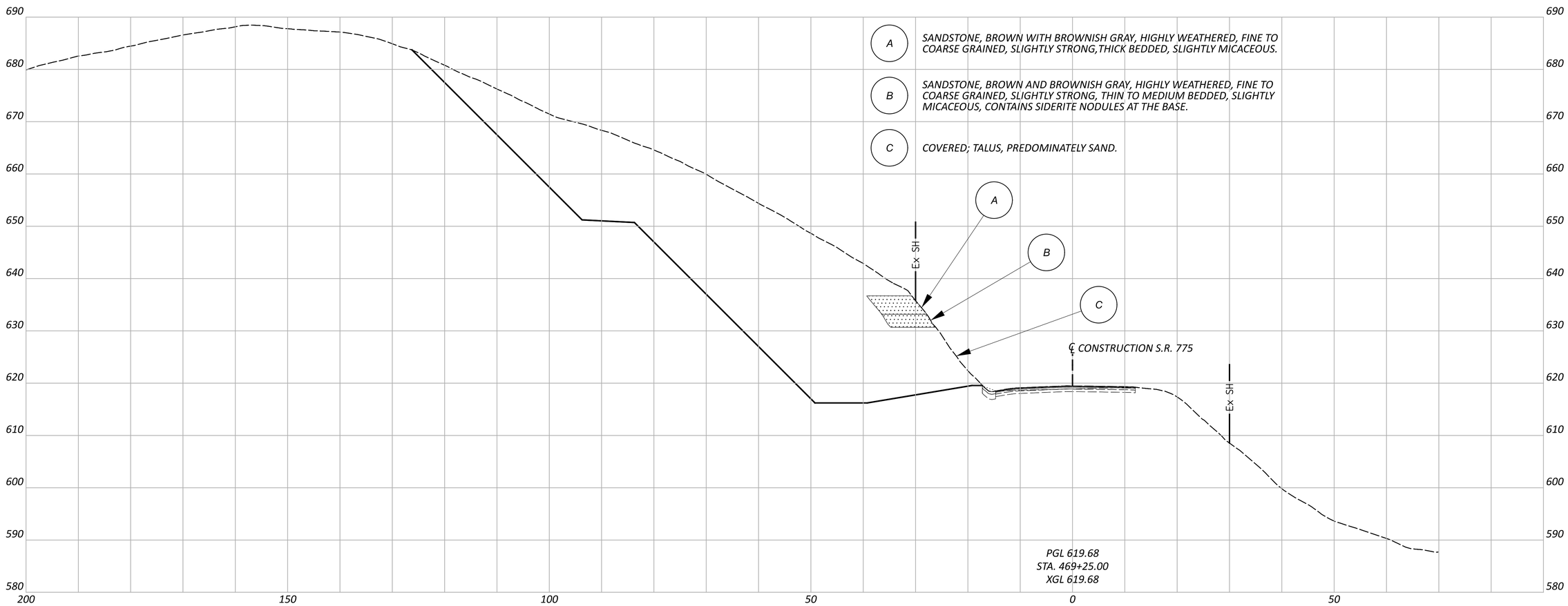

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROCKFALL
CROSS SECTION STA. 469+25 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
SAT 12/13/24

PROJECT ID
118778

SUBSET 5 | TOTAL 12

SHEET P.46 | TOTAL 53

LAW-775-8.77

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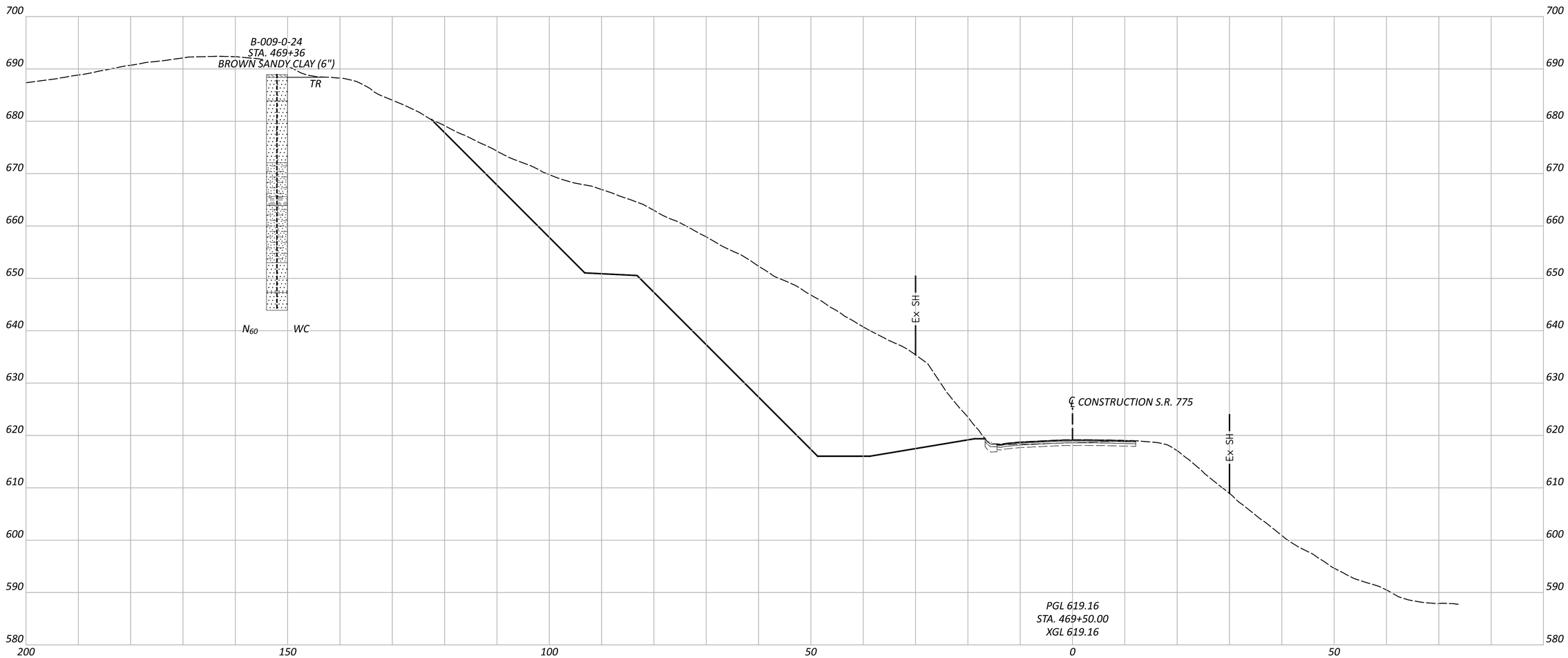

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROCKFALL
CROSS SECTION STA. 469+50 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
SAT 12/13/24

PROJECT ID
118778

SUBSET 6 | TOTAL 12

SHEET P.47 | TOTAL 53

LAW-775-8.77

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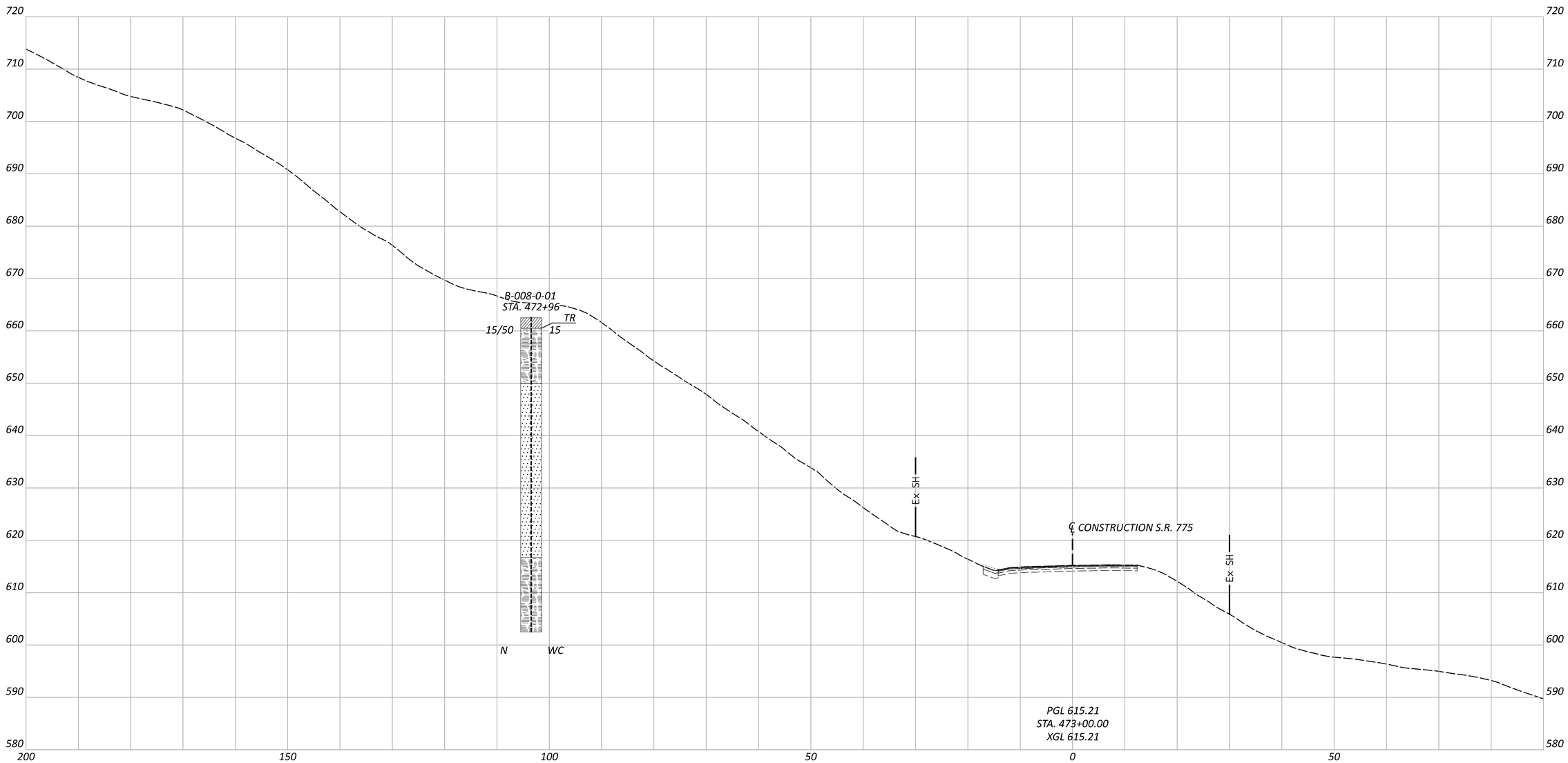

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROCKFALL
CROSS SECTION STA. 473+00 - S.R. 775

DESIGN AGENCY

DESIGNER
AJC

REVIEWER
SAT 12/13/24

PROJECT ID
118778

SUBSET 7 | TOTAL 12

SHEET P.48 | TOTAL 53

LAW-775-8.77

MODEL: cks775 - 473+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:37:18 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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PROJECT: LAW-775-8.77	DRILLING FIRM / OPERATOR: ODOT / KINNEY	DRILL RIG: ACKER REBEL XL	STATION / OFFSET: 469+36, 152' LT.	EXPLORATION ID B-009-0-24
TYPE: ROADWAY	SAMPLING FIRM / LOGGER: ODOT / LEWIS	HAMMER: ACKER AUTOMATIC	ALIGNMENT: CL SR 775	
PID: 118778 SFN:	DRILLING METHOD: 3.25" HSA	CALIBRATION DATE: 11/7/23	ELEVATION: 688.9 (MSL) EOB: 45.0 ft.	PAGE 1 OF 1
START: 8/12/24 END: 8/15/24	SAMPLING METHOD: NQ2	ENERGY RATIO (%): 90*	LAT / LONG: 38.541662, -82.391818	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
BROWN SANDY CLAY (6")	688.9																	
SANDSTONE, BROWN, SEVERELY WEATHERED, FINE TO MEDIUM GRAINED, AUGERED WITHOUT SAMPLING.	688.4	TR																
SANDSTONE, OLIVE BROWN, HIGHLY TO MODERATELY WEATHERED, MODERATELY STRONG TO STRONG, FINE TO MEDIUM GRAINED, VERY THIN TO THIN BEDDED, MICACEOUS, ARGILLACEOUS, JOINT, HIGHLY TO MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, GOOD; RQD 49%, REC 97%. @ 5.5' - 7.0'; Id2 = 96.3%; TYPE I @ 6.6' - 6.9'; γ = 159 pcf; Qu = 4,160 psi	683.9	1 2 3 4 5 6 7 8 9	52		98	NQ2-1											CORE	
@ 11.0' - 13.0'; Id2 = 97.5%; TYPE I @ 11.3' - 11.6'; γ = 161 pcf; Qu = 9,375 psi @13.3'; LOST WATER RETURN @15.2' - 16.8'; S_c = 4,190 psi		10 11 12 13 14 15 16	63		95	NQ2-2											CORE	
SILTSTONE, OLIVE BROWN, HIGHLY TO MODERATELY WEATHERED, SLIGHTLY STRONG, LAMINATED TO VERY THIN BEDDED, MICACEOUS, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR; RQD 13%, REC 59%. @17.0' - 20.0'; S_c = 2,233 psi @ 17.0' - 20.0'; Id2 = 93.9%; TYPE II @18.8'; LOST WATER RETURN	672.1	17 18 19 20	17		97	NQ2-3											CORE	
SHALE, DARK GRAY, HIGHLY WEATHERED, VERY WEAK, LAMINATED, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR; RQD 57%, REC 100%. @ 23.3' - 25.0'; Id2 = 2.4%; TYPE III @ 23.9' - 24.1'; γ = 141 pcf; Qu = 13 psi	665.6	21 22 23	20		50	NQ2-4											CORE	
SILTSTONE, OLIVE BROWN, HIGHLY TO MODERATELY WEATHERED, WEAK TO SLIGHTLY STRONG, VERY THIN BEDDED, MICACEOUS, IRON STAINED, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR; RQD 30%, REC 85%. @ 27.0' - 29.0'; Id2 = 85.8%; TYPE II @ 29.6' - 30.0'; γ = 158 pcf; Qu = 1,855 psi @ 30.0' - 35.0'; Id2 = 93.4%; TYPE II @ 30.1' - 30.5'; γ = 158 pcf; Qu = 1,171 psi	663.9	24 25 26	0		54	NQ2-5											CORE	
		27 28	21		100	NQ2-6											CORE	
		29 30	33		50	NQ2-7											CORE	
		31 32 33 34 35	50		100	NQ2-8											CORE	
SANDSTONE, OLIVE BROWN, MODERATELY WEATHERED, SLIGHTLY STRONG, FINE TO COARSE GRAINED, VERY THIN TO THIN BEDDED, MICACEOUS, JOINT, MODERATELY TO SLIGHTLY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, GOOD; RQD 88%, REC 100%. @ 36.0' - 37.7'; Id2 = 92.7%; TYPE I @ 37.1' - 37.4'; γ = 150 pcf; Qu = 2,953 psi	653.0	36 37 38 39 40	73		97	NQ2-9											CORE	
SANDSTONE, OLIVE BROWN AND DARK GRAY, MODERATELY WEATHERED, MODERATELY STRONG, FINE TO MEDIUM GRAINED, VERY THIN TO THIN BEDDED, MICACEOUS, JOINT, MODERATELY TO SLIGHTLY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, GOOD; RQD 93%, REC 100%. @42.7' - 45.0'; CONTAINS SHALE STRINGERS @ 43.8' - 44.3'; Id2 = 93.9%; TYPE I @ 44.3' - 44.6'; γ = 152 pcf; Qu = 4,401 psi	647.3	41 42 43 44	92		100	NQ2-10											CORE	
	643.9	EOB 45																

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. S_c = POINT LOAD STRENGTH VALUES AS PER ASTM D 5731.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED 75 GAL. BENTONITE GROUT

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 6/2/25 10:09 - X:\GINTPROJECTS\2024 COMPLETE\601152.GPJ

GEOTECHNICAL PROFILE - ROCKFALL
BORING LOG B-009-0-24

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OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

Office of Geotechnical Engineering

B-009-0-24

Run #:	Depth		Recovery		RQD	
NQ2-1	5.0'	10.0'	59/60	98%	31/60	52%
NQ2-2	10.0'	15.0'	57/60	95%	38/60	63%
LAW-775-8.77 PID 118778						

OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

Office of Geotechnical Engineering

B-009-0-24

Run #:	Depth		Recovery		RQD	
NQ2-3	15.0'	20.0'	58/60	97%	10/60	17%
NQ2-4	20.0'	25.0'	30/60	50%	12/60	20%
LAW-775-8.77 PID 118778						

GEOTECHNICAL PROFILE - ROCKFALL
ROCK CORE PHOTOS FOR B-009-0-24

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:28:54 PM PLTDRV: OHDOT_PDF_Color.pltcfg PENTBL: OHDOT_PenC.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

Office of Geotechnical Engineering

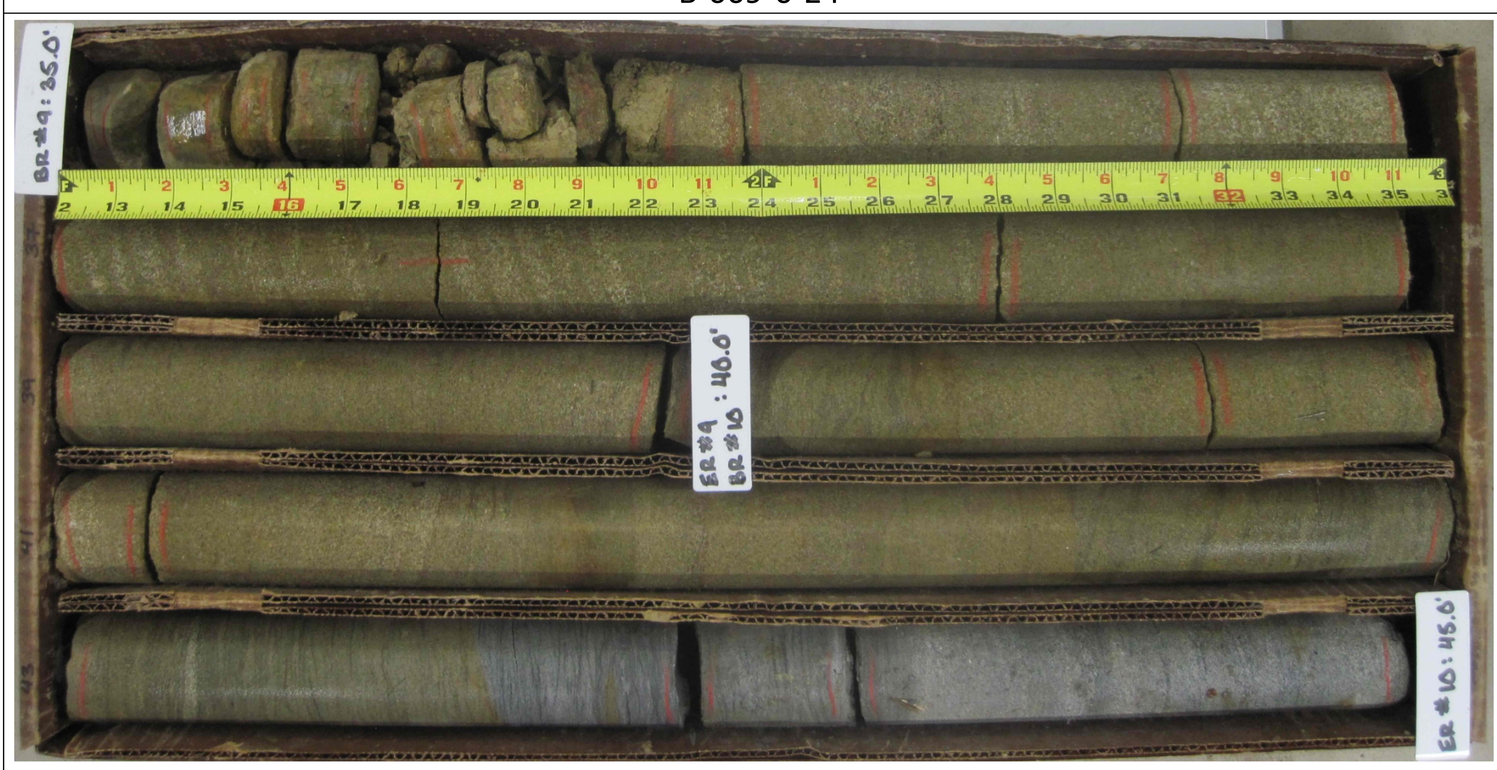
B-009-0-24

Run #:	Depth		Recovery		RQD	
NQ2-5	25.0’	27.0’	13/24	54%	0/24	0%
NQ2-6	27.0’	29.0’	24/24	100%	5/24	21%
NQ2-7	29.0’	30.0’	6/12	50%	4/12	33%
NQ2-8	30.0’	35.0’	60/60	100%	30/60	50%

OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

Office of Geotechnical Engineering

B-009-0-24



Run #:	Depth		Recovery		RQD	
NQ2-9	35.0’	40.0’	58/60	97%	44/60	73%
NQ2-10	40.0’	45.0’	60/60	100%	55/60	92%
LAW-775-8.77 PID 118778						

GEOTECHNICAL PROFILE - ROCKFALL
ROCK CORE PHOTOS FOR B-009-0-24 (CONT.)

B-005-0-01

LOG OF BORING

Date Started 10/17/01
Date Completed 10/17/01
Boring No. 5

Sampler Type SS Dia. 2"
Coring Length: 55.0 ft. Dia. 2"
Station & Offset ~~457+85.5, 90.0' Lt.~~ 468+10, 81.5' Lt.

Water Elev. –
Surface Elev. 669.0

Elev. (ft)	Depth (ft)	Std. Pen. /R.Q.D.	Rec. (ft)	Loss (ft)	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	WC	ODOT Class
669.0	0														
	1				Silt With Clay, brown, moist, stiff, (Visual)										
667.0	2				Top of Rock										
	3	50+			Shale, brown (Augered)	1								NR	
	4														
664.0	5				Begin Core										
	6				Shale, brown to gray, silty, laminated, soft, to moderately hard										
	7														
	8	76	2.5	0.0											SDI=96
	9														
	10														
	11														
657.2	12														SDI=91
	13	0	5.0	0.0	Sandstone, brown, medium grained, partially friable, moderately hard to hard										
	14														
	15														
	16														
	17														
	18	100	5.0	0.0											
	19														
	20														
	21														
	22														
	23														
	24														
	25														
	26														
	27														
	28	98	10.0	0.0											
	29														
	30														

LOG OF BORING (CONTINUED)

Boring No. 5 (Cont.)
Station & Offset ~~457+85.5, 90.0' Lt.~~ 468+10, 81.5' Lt.
Surface Elev. 669.0

Elev. (ft)	Depth (ft)	Std. Pen. /R.Q.D.	Rec. (ft)	Loss (ft)	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	WC	ODOT Class
	30														
	31				Sandstone, brown, medium grained, partially friable, moderately hard to hard										
	32														
	33														
	34														
	35														
	36														
	37														
	38	96	10.0	0.0											
	39														
	40														
	41														
	42														
	43														
	44														
	45														
	46														
622.2	47														
	48	98	10.0	0.0	Shale, gray, silty, laminated, moderately hard										SDI=87
	49														
	50														SDI=39
	51														
	52														
	53														
	54														
613.8	55														
	56				Sandstone, gray, medium grained, partially friable, hard										
	57														
	58	85	10.0	0.0											
610.0	59														
609.0	60	76	2.5	0.0	Shale, gray, silty, laminated, moderately hard										

Bottom of Boring

ELEVATION INFORMATION BASED ON INTERPOLATED TOPOGRAPHIC INFORMATION FROM THE ORIGINAL 2002 SITE PLAN AND NOT FROM SURVEY DATA.

GEOTECHNICAL PROFILE - ROCKFALL
HISTORIC BORING LOG B-005-0-01

DESIGN AGENCY

DESIGNER AJC
REVIEWER SAT 12/13/24
PROJECT ID 118778
SUBSET 11 TOTAL 12
SHEET P.52 TOTAL 53

LAW-775-8.77

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 10/16/2025 TIME: 2:35:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Andrew.Chudzik@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 118778 PRODUCT: MicroStation 23.00.03.05
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B-008-0-01

LOG OF BORING

Date Started 10/16/01
Date Completed 10/16/01
Boring No. 8

Sampler Type SS Dia. 2"
Coring Length: 55.0 ft. Dia. 2"
Station & Offset ~~462+90, 109.3' Lt.~~ 472+96, 103.5' Lt.

Water Elev. –
Surface Elev. 662.5

Elev. (ft)	Depth (ft)	Std. Pen. /R.Q.D.	Rec. (ft)	Loss (ft)	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	WC	ODOT Class
662.5	0														
	1				Silt With Clay, brown, moist, stiff, (Visual)										
660.5	2				Top of Rock										
	3	15/50			Shale, gray to reddish gray (Augered)	1								15	
	4														
657.5	5				Begin Core										
	6				Shale, brown to reddish gray, silty, laminated, soft to moderately hard										SDI=83
	7	0	2.5	0.0											
	8														
	9														
	10														
	11														
	12														
650.0		50	5.0	0.0											
	13				Sandstone, brown, gray and red medium to fine grained, partially friable, hard										
	14														
	15														
	16														
	17	86	4.9	0.1											
	18														
	19														
	20														
	21														
	22														
	23														
	24														
	25														
	26														
	27														
	28	100	10.0	0.0											
	29														
	30														

LOG OF BORING (CONTINUED)

Boring No. 8 (Cont.)
Station & Offset ~~462+90, 109.3' Lt.~~ 472+96, 103.5' Lt.
Surface Elev. 662.5

Elev. (ft)	Depth (ft)	Std. Pen. /R.Q.D.	Rec. (ft)	Loss (ft)	Description	Sample No.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	LL	PI	WC	ODOT Class
	30														
	31				Sandstone, brown, gray and red, medium to fine grained, partially friable, hard										
	32														
	33														
	34														
	35														
	36														
	37														
	38	100	10.0	0.0											
	39														
	40														
	41														
	42														
	43														
	44														
	45														
616.7	46				Shale, gray, silty, laminated, soft to moderately hard										
	47	95	10.0	0.0											SDI=86
	48														
	49														
	50														SDI=14
	51														
	52														
	53														
	54														
	55														
	56														
	57	75	10.0	0.0											
	58														
	59														
602.5	60	75	2.5	0.0											

Bottom of Boring

ELEVATION INFORMATION BASED ON INTERPOLATED TOPOGRAPHIC INFORMATION FROM THE ORIGINAL 2002 SITE PLAN AND NOT FROM SURVEY DATA.

GEOTECHNICAL PROFILE - ROCKFALL
HISTORIC BORING LOG B-008-0-01

DESIGN AGENCY

DESIGNER AJC
REVIEWER SAT 12/13/24
PROJECT ID 118778
SUBSET 12 TOTAL 12
SHEET P.53 TOTAL 53

LAW-775-8.77

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