

UTILITIES

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

CHARTER COMMUNICATIONS
 8150 DOW CIRCLE
 STRONGSVILLE, OH 44136
 ATTN: DAN McCAFFERTY
 PHONE: 216-575-8016 OPTION #1
 EXT. 216-555-4262 OFFICE
 DANIEL.McCAFFERTY@CHARTER.COM

OHIO EDISON COMPANY
 6326 LAKE AVENUE
 ELYRIA, OH 44035
 ATTN: CHAD HAMPSON
 PHONE: 330-716-6757
 HAMPSONC@FIRSTENERGYCORP.COM

BREEZELINE
 105 BLAZE INDUSTRIAL PKWY
 BEREA, OH 44017
 ATTN: TOM AUBRY
 PHONE: 440-973-4375
 TAUBRY@BREEZELINE.COM

COLUMBIA GAS OF OHIO
 3101 NORTH RIDGE RD., EAST
 LORAIN, OH 44055
 ATTN: ADAM WOODIE, P.E.
 PHONE: 440-240-6144
 CELL: 440-242-5672
 AWOODIE@NISOURCE.COM

WINDSTREAM
 245 N MAIN ST.
 HUDSON, OH 44236
 ATTN: BRIAN VINSON
 PHONE: 330-650-8484
 BRIAN.VINSON@WINDSTREAM.COM

MCI METRO
 1150 W. 3RD ST.
 CLEVELAND, OH 44256
 ATTN: JEFF (THOMAS) KADUSKY
 PHONE: 330-819-1444
 THOMAS.KADUSKY@VERIZON.COM

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.

ROUNDING

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

EXISTING PLANS

EXISTING PLANS MAY BE EXAMINED BY PROSPECTIVE BIDDERS AT THE ODOT DISTRICT 3 OFFICE, 906 CLARK AVENUE, ASHLAND, OH 44805.

SURVEYING PARAMETERS

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, AS SUPPLIED BY ODOT DISTRICT 3, FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: HORIZONTAL CONTROL WAS POSITIONED WITH A MINIMUM OF 5 VRS-DERIVED GNSS OBSERVATIONS

MONUMENT TYPE: 3/4" PIN SET WITH 3" ODOT DISC

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
 GEOID: 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)
 ELLIPSOID: GRS80
 MAP PROJECTION: LAMBERT CONFORMAL CONIC
 COORDINATE SYSTEM: OHIO STATE PLANE, NORTH ZONE (3401)

COMBINED SCALE FACTOR: 1.00008011

SURVEYING PARAMETERS (CONT.)

ORIGIN OF COORDINATE SYSTEM: (0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

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.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS) AND PER SECTION 800 OF THE GEOTECHNICAL DESIGN MANUAL, PUBLISHED JANUARY 20, 2023. NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

SHEET	BENCHING
24	36 CY TEMPORARY 78 CY PERMANENT

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK.

ITEM 203 - EXCAVATION	36 CY TEMPORARY 78 CY PERMANENT
ITEM 203 - EMBANKMENT	36 CY TEMPORARY 78 CY PERMANENT

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

AFTER COMPLETION OF ALL WORK, BUT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A REGISTERED SURVEYOR SHALL DETERMINE THE MINIMUM VERTICAL CLEARANCES OF ALL EXISTING AND NEW BRIDGES WITHIN THE PROJECT LIMITS AND DOCUMENT THE MEASUREMENTS ON AN APPROVED OHIO DEPARTMENT OF TRANSPORTATION FORM AVAILABLE FROM THE DISTRICT BRIDGE OFFICE. AT A MINIMUM, MEASUREMENTS SHALL BE TAKEN ALONG EACH FASCIA BEAM AT THE EDGE OF SHOULDERS, EDGE LINES, LANE LINES, AND CROWN OF THE ROADWAY BELOW. THE COMPLETED FORM SHALL BEAR THE STAMP OR SEAL OF THE REGISTERED SURVEYOR WHO HAS TAKEN THE MEASUREMENTS AND SHALL BE SUBMITTED TO THE PROJECT ENGINEER AND THE DISTRICT BRIDGE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

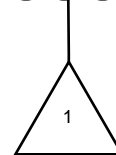
WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

SEEDING AND MULCHING

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

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	116 CY
659, SEEDING AND MULCHING	1040 SY
659, REPAIR SEEDING AND MULCHING	52 SY
659, INTER-SEEDING	52 SY
659, COMMERCIAL FERTILIZER	0.17 TON
659, LIME	0.22 ACRE
659, WATER	9 MGAL

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.



ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	UPDATED SEEDING AND MULCHING

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

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

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE J, ASTM D4956 TYPE XI REFLECTIVE SHEETING, PER CMS 730.193.

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

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

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

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
 SOUTHWEST REGIONAL OFFICE
 OBSTRUCTION EVALUATION GROUP
 10101 HILLWOOD PARKWAY
 FORT WORTH, TX 76177
 FAX: (817) 222-5920
 HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
 OFFICE OF AVIATION
 2829 WEST DUBLIN-GRANVILLE ROAD
 COLUMBUS, OHIO 43235
 OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

DESIGN AGENCY	DLZ
DESIGNER	JAM
REVIEWER	MJL 07/26/21
PROJECT ID	102703
SHEET	TOTAL
4	70

MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION:

CONTRACTOR SHALL COMPLETE PHASE I (THE SOUTHBOUND LANE) BEFORE PHASE II (THE NORTHBOUND LANE). CONTRACTOR SHALL BUILD THE TEMPORARY PAVEMENT BEFORE THE BEGINNING OF EACH PHASE. TO CONSTRUCT TEMPORARY PAVEMENT PRIOR TO THE BEGINNING OF PHASE 1, MAINTAIN ONE LANE OF 12' NORTHBOUND AND SOUTHBOUND TRAFFIC BY USING FLAGGERS. REMOVE AND REPLACE EXISTING GUARDRAIL WITH TEMPORARY GUARDRAIL ON RIGHT SIDE OF NORTHBOUND LANE PRIOR TO THE BEGINNING OF PHASE 1.

PHASE I: SHIFT TRAFFIC TO THE EAST SIDE OF THE ROAD, AND THE TEMPORARY PAVEMENT. MAINTAIN ONE LANE OF 12' NORTHBOUND AND SOUTHBOUND TRAFFIC BY USE OF TEMPORARY SIGNAL.

PHASE II: SHIFT TRAFFIC TO THE WEST SIDE OF THE ROAD, AND THE TEMPORARY PAVEMENT. MAINTAIN ONE LANE OF 12' NORTHBOUND AND SOUTHBOUND TRAFFIC BY USE OF TEMPORARY SIGNAL.

ITEM 614 - MAINTAINING TRAFFIC

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTION 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.

A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT AND, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A.

THE CONTRACTOR SHALL MAINTAIN 24 HOURS ACCESS TO ALL THE DRIVES DURING THE WHOLE CONSTRUCTION TIME.

THE CONTRACTOR SHALL ADVISE ODOT DISTRICT 3 OFFICE, LORAIN COUNTY ENGINEER, EMERGENCY SERVICES, AND SCHOOL DISTRICTS 21 DAYS PRIOR TO THE BEGINNING OF WORK. NOTIFICATION SHALL BE PROVIDED TO THE ODOT PROJECT ENGINEER, ODOT PUBLIC INFORMATION OFFICE AND CITY OF NORTH RIDGEVILLE.

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.

CONTRACTOR SHALL INSPECT THE LENGTH OF THE WORK SITE DAILY TO VERIFY ALL MAINTENANCE OF TRAFFIC DEVICES COMPLY WITH THESE PLANS AND ODOT STANDARD DRAWINGS.

PLACEMENT OF ASPHALT CONCRETE:

ONE 12' LANE SHALL BE MAINTAINED AT ALL TIMES.

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 1 M GAL

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE

PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE ODOT INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE ODOT, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS: DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE ODOT, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA: ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND, AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF: THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE; OR OTHER LOCATION AS APPROVED BY THE ENGINEER. THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE), AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, TREATMENT IN ACCORDANCE WITH MT-101.90 AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 160 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

DROP-OFFS IN WORK ZONE:

WHERE DROP-OFFS IN WORK ZONE DEVELOP DURING CONSTRUCTION, CONTRACTOR SHALL CONSTRUCT A WEDGE TREATMENT IN ACCORDANCE WITH MT-101.90. ANY ADDITIONAL COSTS INCURRED BY THIS WORK WILL BE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

NOTIFICATION OF TRAFFIC RISTRCTIONS:

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

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

NOTIFICATION 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 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO CLOSURE

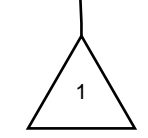
ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

EARTHWORK FOR MAINTAINING TRAFFIC

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PLAN FOR INFORMATION ONLY.

EXCAVATION FOR MAINTAINING TRAFFIC 344 CU. YD.
 EMBANKMENT FOR MAINTAINING TRAFFIC 69 CU. YD.

WHEN UNDERCUTS ARE NECESSARY FOR MAINLINE PAVEMENT OR EMBANKMENT CONSTRUCTION, EVALUATE THE NEED FOR TEMPORARY ROAD UNDERCUTS IF WITHIN A CLOSE PROXIMITY TO THE MAINLINE UNDERCUTS. A GEOTECHNICAL EVALUATION SHOULD BE CONSIDERED TO DETERMINE IF THE EXISTING SOIL CONDITIONS ARE ADEQUATE TO SUPPORT THE TEMPORARY ROAD. ADDITIONAL SOIL BORINGS ALONG THE TEMPORARY ROAD ARE NOT NORMALLY REQUIRED.



ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED MOT EARTHWORK INFORMATION

DESIGN AGENCY

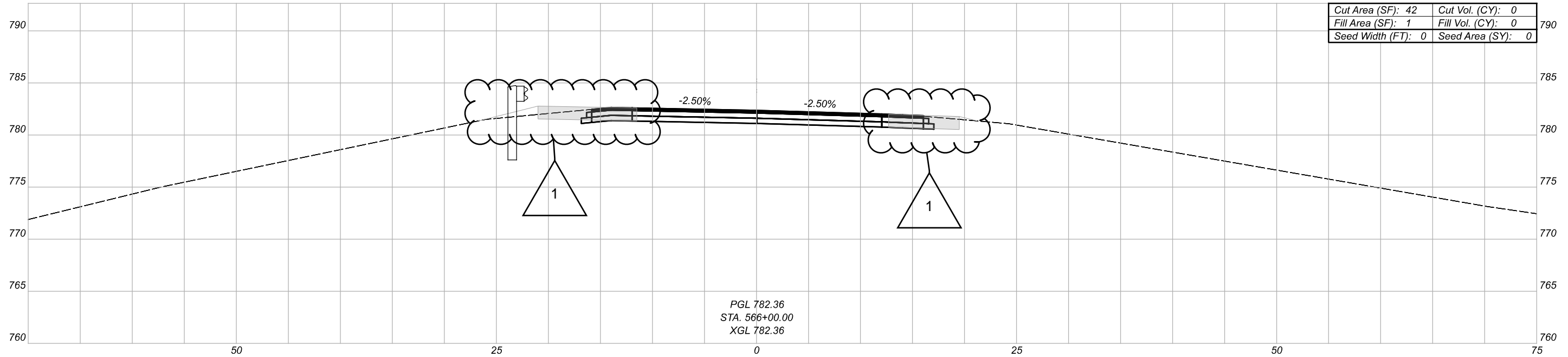


DESIGNER SA

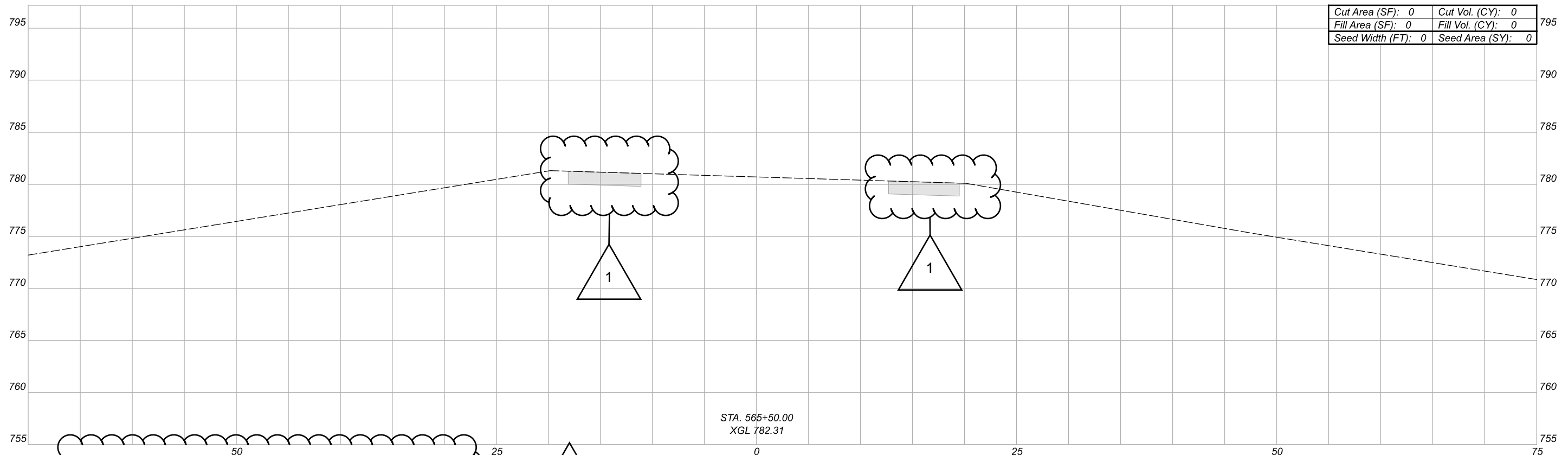
REVIEWER CSR 07/13/21

PROJECT ID 102703

SHEET 5 TOTAL 70



PGL 782.36
 STA. 566+00.00
 XGL 782.36



STA. 565+50.00
 XGL 782.31

LEGEND

 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

 1

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals		
Seeding	Cut	Fill
0	0	0

SHEET	TOTAL
20	70

CROSS SECTIONS
 STA. 565+50.00 TO STA. 566+00.00

DESIGN AGENCY



DESIGNER

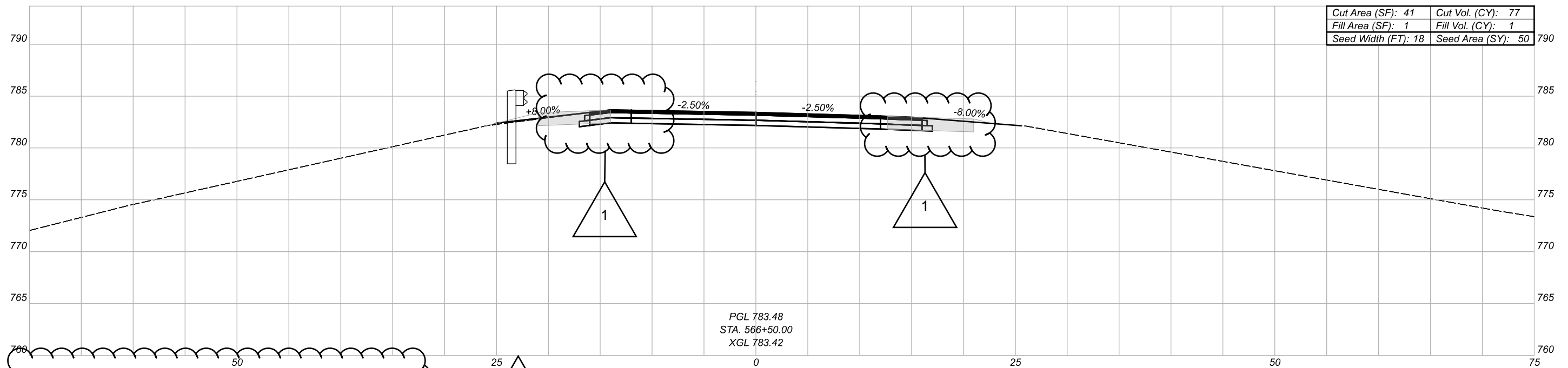
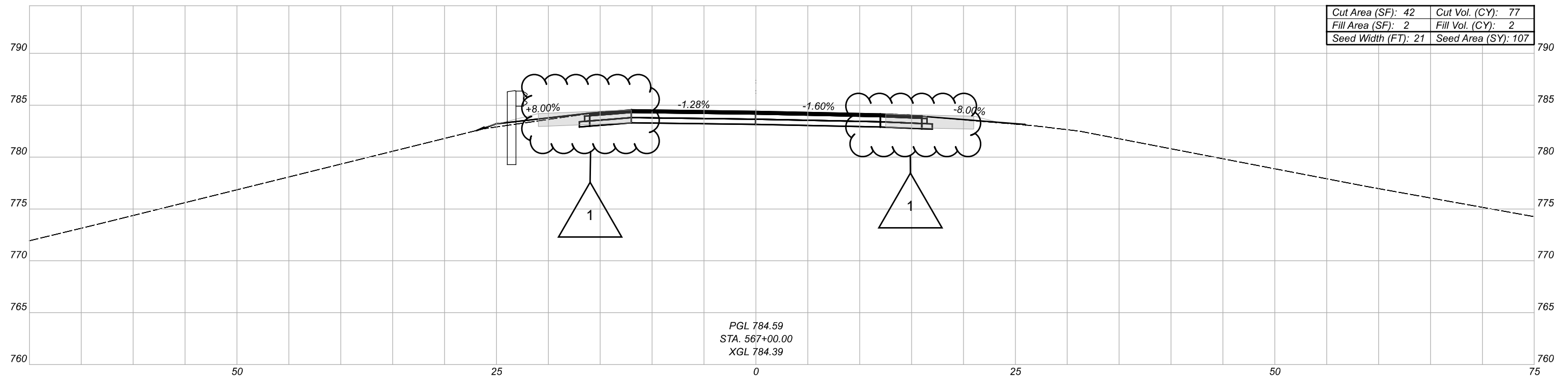
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REVIEWER


MJL 07/26/21

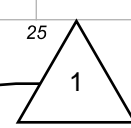
PROJECT ID

102703



LEGEND

 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

 1

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
157	154	3	21	70

CROSS SECTIONS
 STA. 566+50.00 TO STA. 567+00.00

DESIGN AGENCY



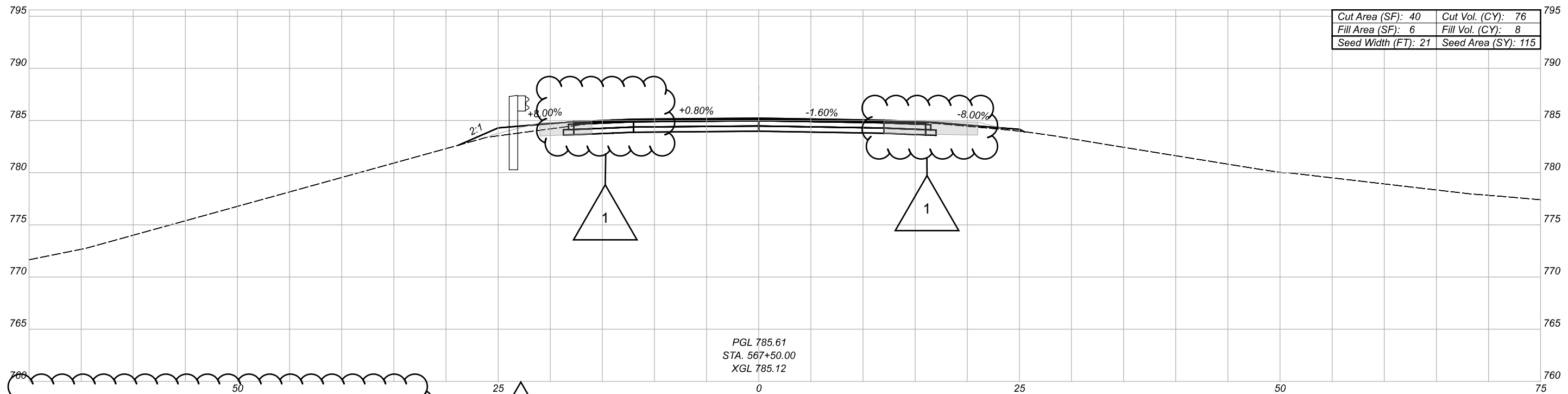
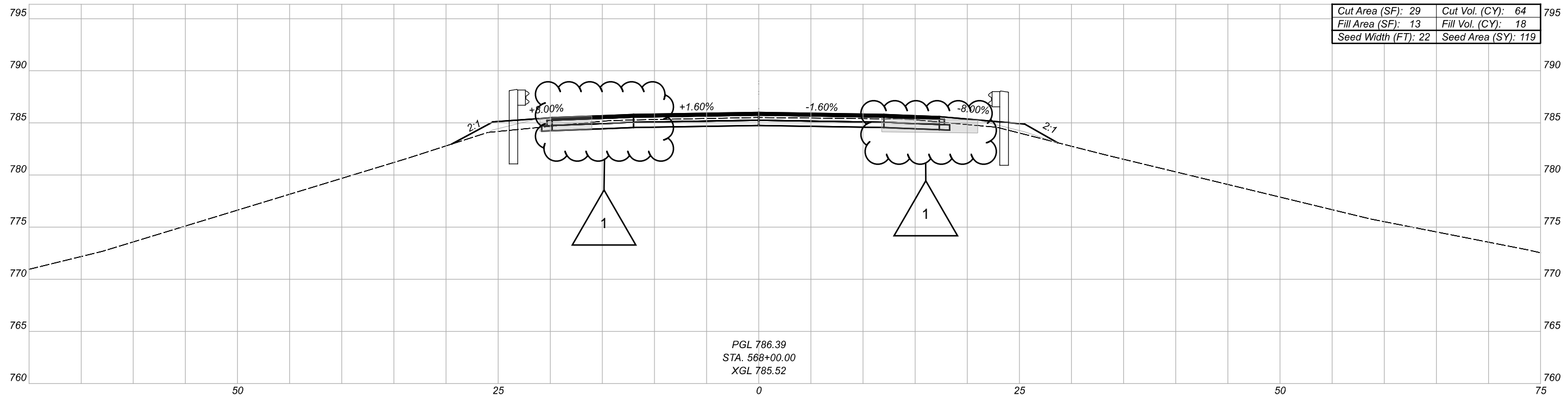
DESIGNER
MHK

REVIEWER
MJL 07/26/21

PROJECT ID
102703

LOR-83-10.79

MODEL: 567+50.00 [Sheet1] PAPER SIZE: 17x11 (in.) DATE: 10/18/2024 TIME: 6:31:34 PM USER: skoch
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LEGEND

PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

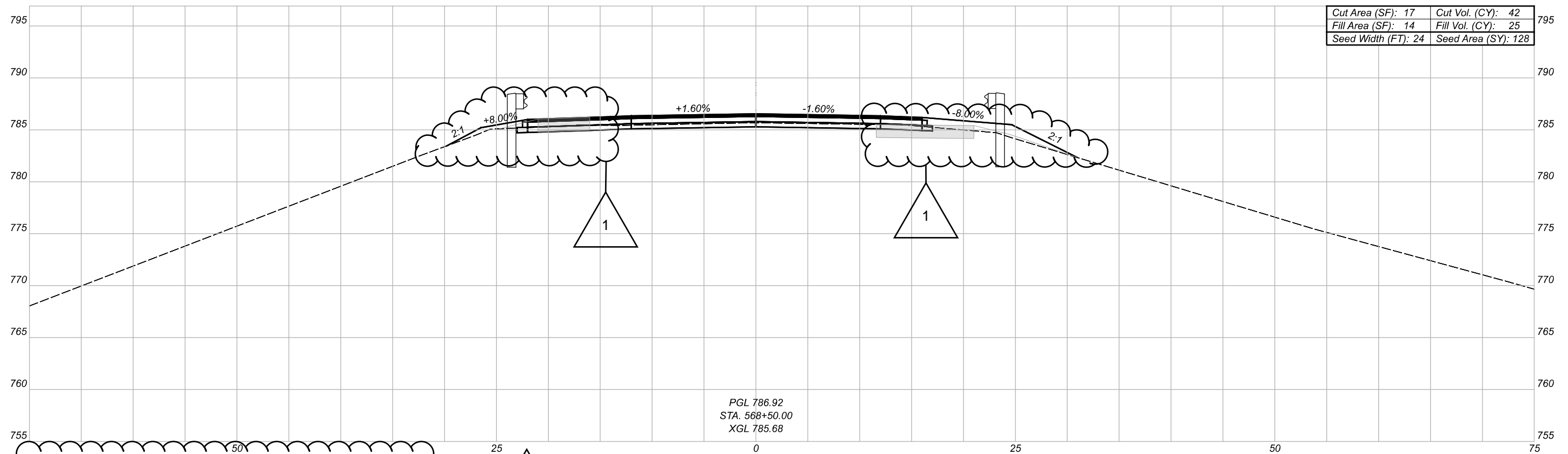
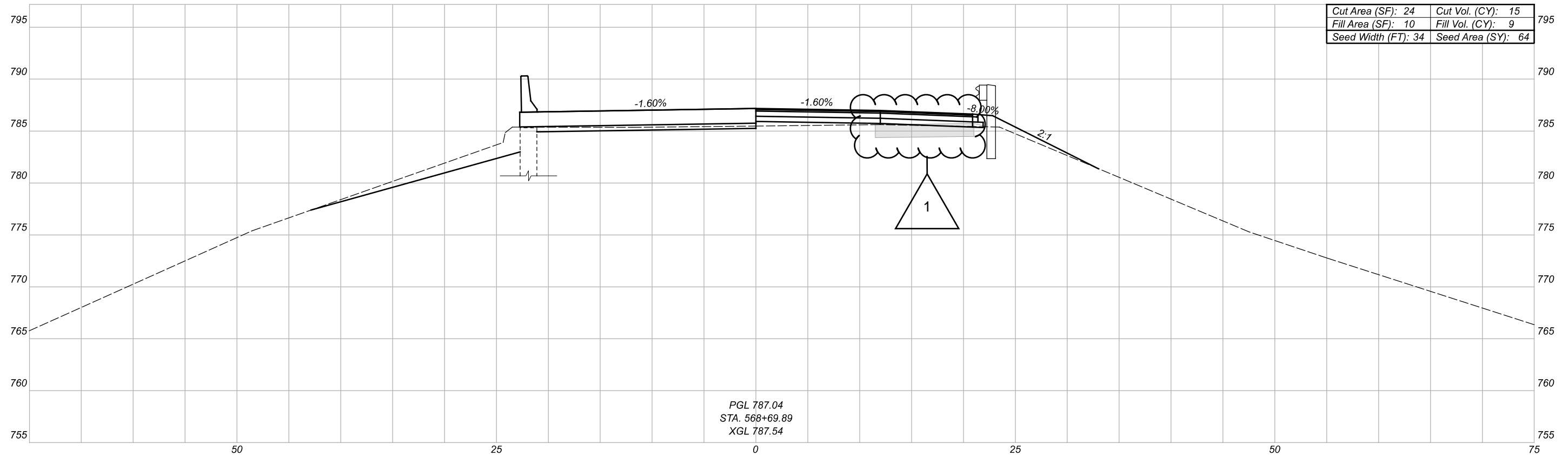
Sheet Totals		
Seeding	Cut	Fill
234	140	26

DESIGN AGENCY	DLZ
DESIGNER	MHK
REVIEWER	MJL 07/26/21
PROJECT ID	102703
SHEET TOTAL	22 70


CROSS SECTIONS
 STA. 567+50.00 TO STA. 568+00.00

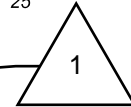
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LEGEND


 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

 1

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
192	57	34	23	70

DESIGN AGENCY

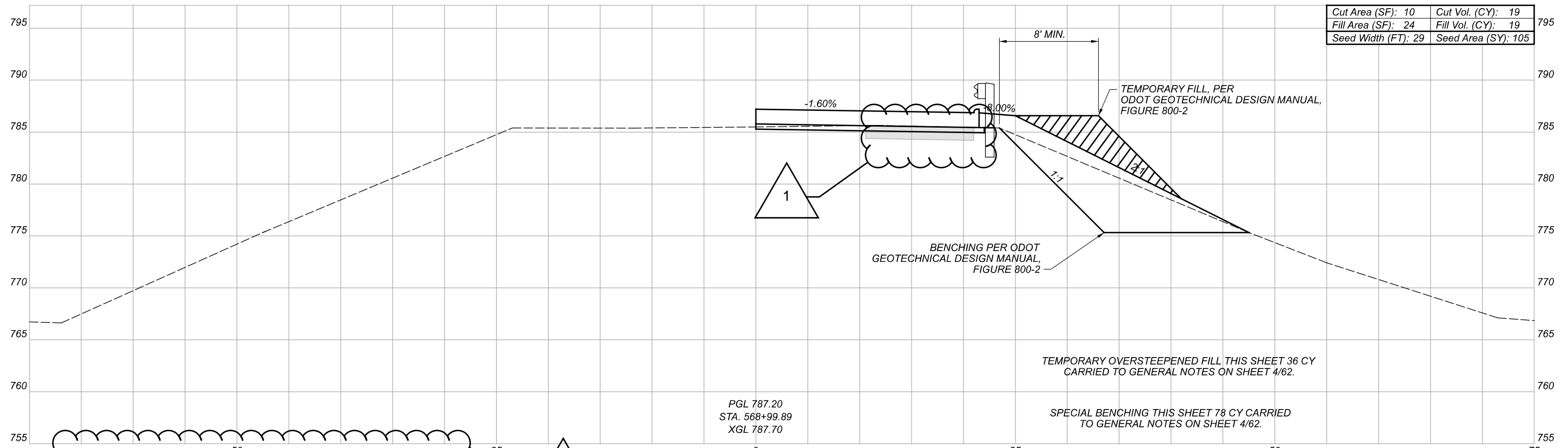
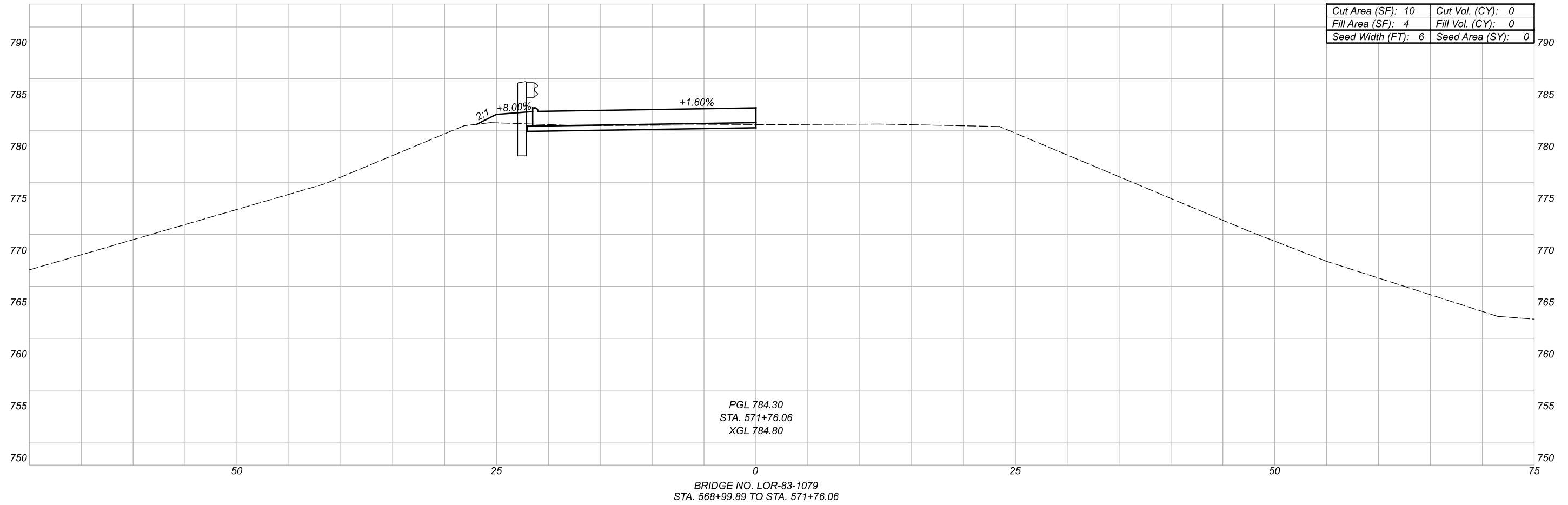


DESIGNER
MHK


REVIEWER
MJL 07/26/21

PROJECT ID
102703

CROSS SECTIONS
 STA. 568+50.00 TO STA. 568+69.89



LEGEND

 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
105	19	19	24	70

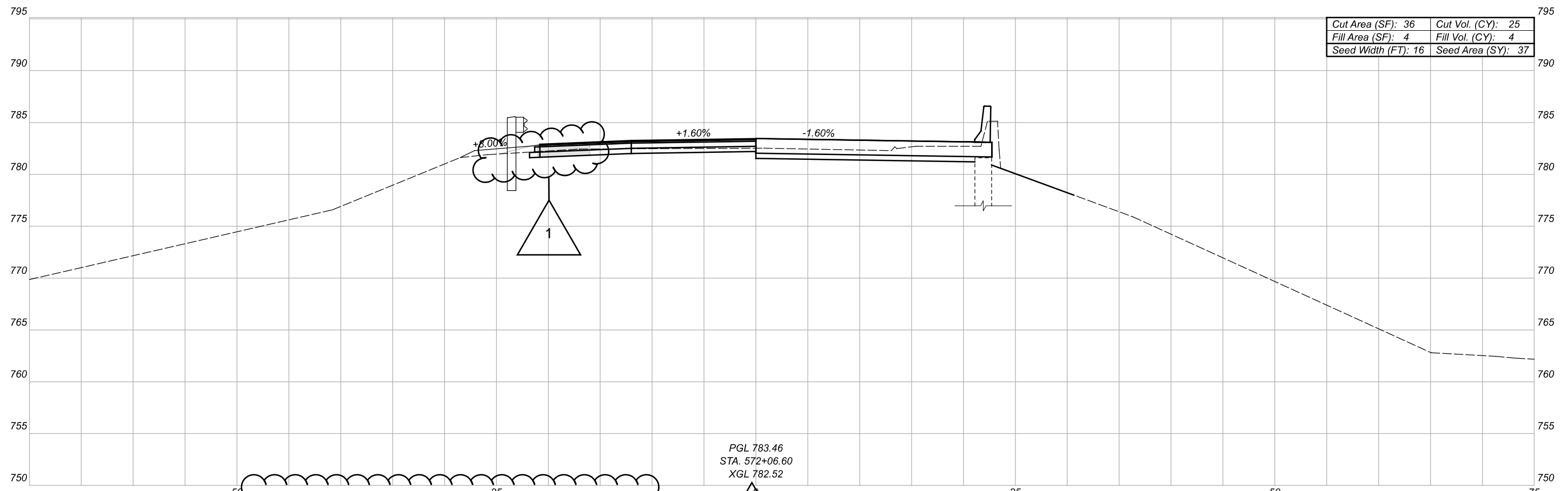
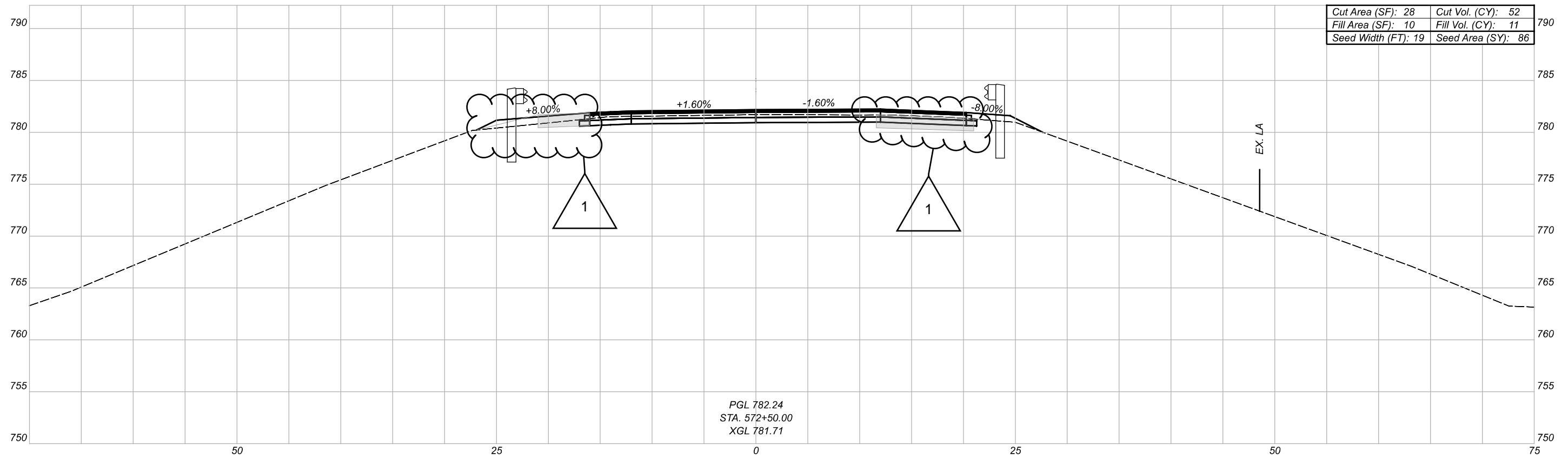
DESIGN AGENCY

DLZ

DESIGNER
MHK

REVIEWER
MJL 07/26/21

PROJECT ID
102703



LEGEND

PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
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CROSS SECTIONS
 STA. 572+06.60 TO STA. 572+50.00

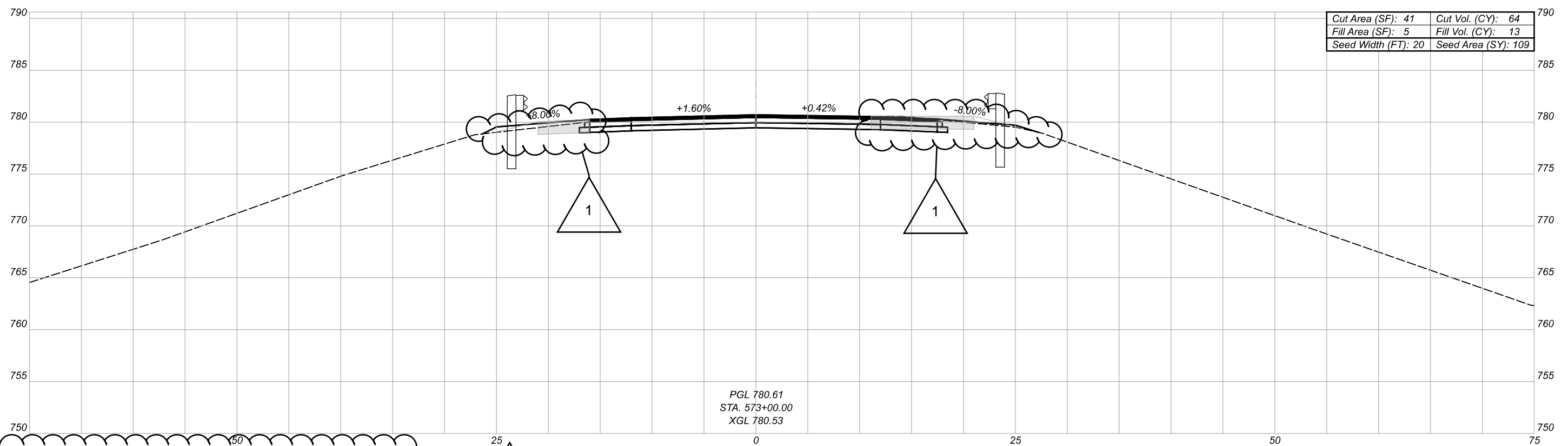
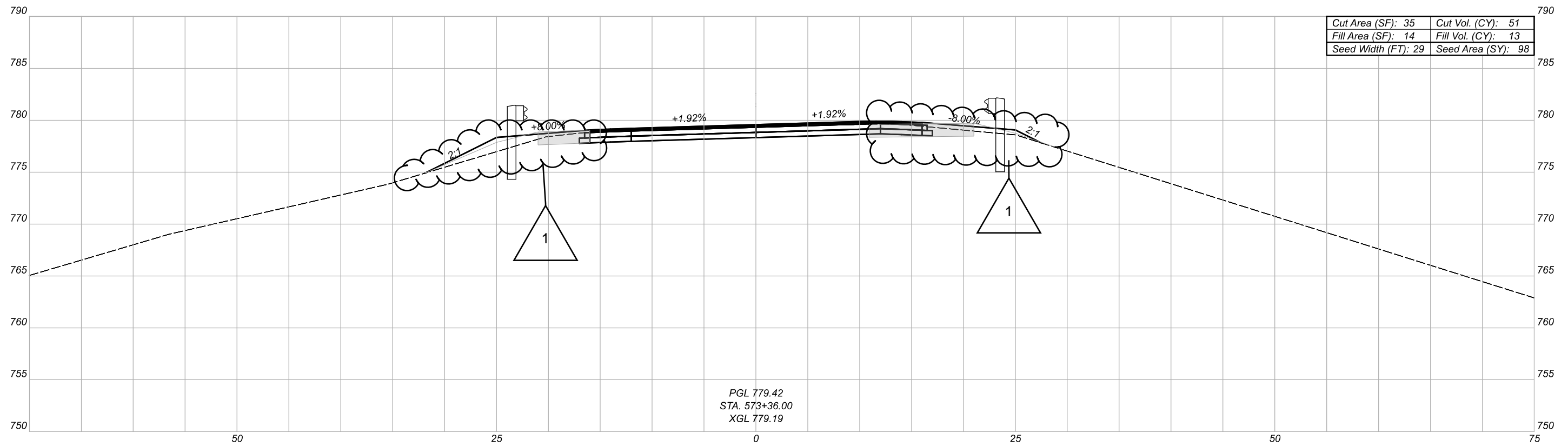
DESIGN AGENCY




DESIGNER
MHK

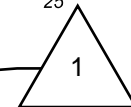
REVIEWER
MJL 07/26/21

PROJECT ID
102703



LEGEND

 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

 1

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
207	115	26	26	70

CROSS SECTIONS
 STA. 573+00.00 TO STA. 573+36.00

DESIGN AGENCY



DESIGNER

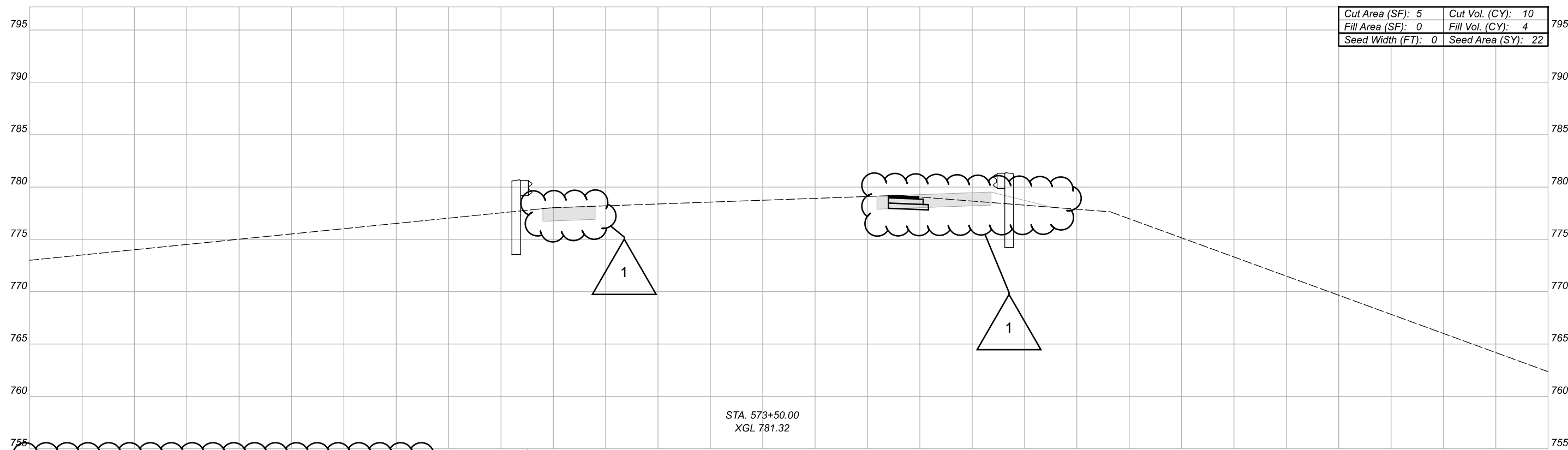
MHK

REVIEWER

MJL 07/26/21


PROJECT ID

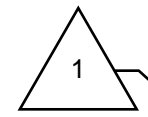
102703



STA. 573+50.00
 XGL 781.32

LEGEND

 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A



SHEET NO.	203	203	659
	EXCAVATION	EMBANKMENT	SEEDING AND MULCHING
20	0	0	0
21	154	3	157
22	140	26	234
23	57	34	192
24	19	19	105
25	77	15	123
26	115	26	207
27	10	4	22
PAVEMENT REMOVED CORRECTION	-361	-	-
TOTAL CARRIED TO GENERAL SUMMARY	211	127	-
TOTAL CARRIED TO SHEET 4	-	-	1040

Cut Area (SF): 5	Cut Vol. (CY): 10
Fill Area (SF): 0	Fill Vol. (CY): 4
Seed Width (FT): 0	Seed Area (SY): 22

ADDENDUM NO.	DATE	REV. BY	DESCRIPTION
1	10-18-24	SRK	ADDED TEMPORARY PAVEMENT, ADDED EARTHWORK TABLE

Sheet Totals		
Seeding	Cut	Fill
22	10	4

DESIGN AGENCY

 DESIGNER
 MHK
 REVIEWER
 MJL 07/26/21
 PROJECT ID
 102703
 SHEET TOTAL
 27 70

CROSS SECTIONS
 STA. 573+50.00