

ENVIRONMENTAL COMMITMENTS

1. AN ASBESTOS SURVEY OF THE HAN-SR 598-2.88 AND HAN-SR 598-3.63 BRIDGES, SCHEDULED FOR RENOVATION, WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. THE SURVEY DID NOT DETECT REGULATED ASBESTOS-CONTAINING MATERIALS ON THE STRUCTURES. THE ASBESTOS SURVEY REPORT IS FOUND IN THE SPECIAL PROVISIONS ATTACHED TO THE PLANS.

2. THIS PROJECT WAS DEVELOPED TO BE CONSTRUCTED WITHOUT EQUIPMENT OR MATERIALS BEING PLACED (PERMANENTLY OR TEMPORARILY) WITHIN THE BOUNDARY OF THE WETLAND AREAS SHOWN ADJACENT TO THE HAN-SR 598-2.88 AND HAN-SR 598-3.63 BRIDGES. THESE WETLAND AREAS ARE SHOWN ON SCHEMATIC SHEETS 16 – 19 IN THE PLANS.

PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL DEMARCATATE THE WETLAND AREAS ALONG LIMITS SHOWN ON SCHEMATIC SHEETS 16 – 19 BY PLACING TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE ALONG THE PERIMETER OF THIS AREA. PLACE THE FENCE POST ON 8' CENTERS, 2' DEEP. SECURELY ATTACH THE PLASTIC CONSTRUCTION FENCE TO THE FENCE POST.

ALL COSTS ASSOCIATED WITH IDENTIFYING THESE WETLAND AREAS IN THE FIELD AND PROVIDING, ERECTING, MAINTAINING, AND SUBSEQUENTLY REMOVING THE TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE AS REQUIRED PER THE ABOVE SHALL BE INCLUDED WITH ITEM 832, EROSION CONTROL. THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES OF CONSTRUCTION FENCE AT THE PRICE SHOWN IN APPENDIX F FOR SUPPLEMENTAL SPECIFICATION 832 (SS 832) AND WILL MEASURE THE TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE PER SS 832.

THE ESTIMATED LENGTH OF TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE NEEDED TO DEMARCATATE THE WETLAND AREA: 655 FEET.

3. THIS PROJECT WAS DEVELOPED TO BE CONSTRUCTED WITHOUT EQUIPMENT OR MATERIALS BEING PLACED (PERMANENTLY OR TEMPORARILY) BELOW THE ORDINARY HIGH WATER MARK OF THE BLANCHARD RIVER AND GLAUNER DITCH.

4. RECREATIONAL BOATING WITHIN THE HAN-SR 598-2.88 PROJECT AREA SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION EITHER THROUGH THE EXISTING RIVER CHANNEL OR THROUGH PORTAGE TRAIL APPROVED BY THE ODOT PROJECT ENGINEER.

5. ADEQUATE SIGNAGE BOTH UPSTREAM AND DOWNSTREAM SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR. THE FOLLOWING TYPE SIGNS ARE CONSIDERED TO BE MINIMUM TREATMENT:

- A. APPROXIMATELY ONE-QUARTER MILE UPSTREAM, ADVANCED WARNING TYPE SIGNS ON BOTH BANKS;
- B. APPROXIMATELY 300 FEET UPSTREAM, SIGNS SPECIFYING ACTIONS REQUIRED OF PADDLERS/BOATERS ON BOTH BANKS;
- C. APPROXIMATELY ONE-QUARTER MILE DOWNSTREAM, ADVANCED WARNING TYPE SIGNS ON BOTH BANKS; AND
- D. APPROXIMATELY 300 FEET DOWNSTREAM, SIGNS SPECIFYING ACTIONS REQUIRED OF PADDERS/BOATERS ON BOTH BANKS.

THE ABOVE SIGNING SHALL BE MOUNTED IN SUCH A WAY AS TO BE A MINIMUM OF 4 FEET ABOVE THE WATER LEVEL, UNOBSTRUCTED BY TREE BRANCHES, AND PROPERLY ANGLED FOR MAXIMUM VISIBILITY FROM THE MAIN CLEAR CHANNEL. THE METHOD OF SUPPORTING THE SIGNS SHALL BE APPROVED BY THE ODOT PROJECT ENGINEER PRIOR TO INSTALLATION. UPON COMPLETION OF THE PROJECT, THE SIGNS AND SUPPORT SYSTEMS SHALL BE COMPLETELY REMOVED FROM THE RIVER CHANNEL.

ENVIRONMENTAL COMMITMENTS (CONTINUED)

6. THE ODOT PROJECT ENGINEER SHALL NOTIFY THE ODNR WATER TRAILS ADMINISTRATOR (NATALIE.FOOS@ODNR.OHIO.GOV OR 614-265-6466) 14 CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO ALLOW ODNR TO POST NOTICE OF IMPENDING PROJECT CONSTRUCTION ON THE APPROPRIATE ODNR WEBPAGES AND ASSOCIATED ONLINE BOATING MAPS. AS PART OF NOTIFICATION EFFORTS, THE ODOT PROJECT ENGINEER SHALL PROVIDE PLANS THAT INDICATE SIGNAGE LOCATION ALONG THE WATERWAY AND ANY ADDITIONAL PLANNED NOTIFICATION EFFORTS WITH ODNR THAT WILL TAKE PLACE DURING OR AFTER CONSTRUCTION. THE ODNR TRAILS ADMINISTRATOR WILL BE NOTIFIED WHEN THE PROJECT IS COMPLETE AND ALL SIGNAGE HAS BEEN REMOVED.

PERSONAL PROTECTION EQUIPMENT (PPE)

THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF SECTIONS XXIV AND XXXIV OF THE OHIO DEPARTMENT OF TRANSPORTATION SAFETY & HEALTH STANDARD OPERATING PROCEDURE 220-006(SP) EFFECTIVE: NOVEMBER 1, 2018 (EXCEPT AS AMENDED BELOW) AND ALL SUBSEQUENT UPDATES POSTED AT THE FOLLOWING WEBSITE:

HTTP://WWW.DOT.STATE.OH.US/POLICY/POLICIESANDSOPS/POLICIES/220-006(SP).PDF

AMENDMENTS TO THE REQUIREMENTS OF THIS DOCUMENT ARE:

XXIV. HEAD PROTECTION (HARD HATS)
 ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR APPROPRIATE HEAD PROTECTION. ALL HARD HATS MUST MEET OR EXCEED ANSI Z89.1-2009 TYPE 1, CLASS E-G REQUIREMENTS.

XXXIV. SAFETY APPAREL AND VEST (HIGH VISIBILITY)
 ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR A HIGH-VISIBILITY SAFETY VEST THAT MEETS THE PERFORMANCE CLASS II OR CLASS III REQUIREMENTS OF THE ANSI/ISEA 107-2015 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARD FOR HIGH-VISIBILITY SAFETY APPAREL AND ACCESSORIES."

WORKERS MAY WEAR AN ANSI CLASS II OR ANSI CLASS III APPROVED RAIN SUIT, JACKET OR OTHER APPAREL WITHOUT A SAFETY VEST OVER IT.

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 200 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

WINDOW CONTRACT TABLE

USE THE FOLLOWING TABLE AS REFERRED TO IN THE PROPOSAL:

WINDOW CONTRACT TABLE				
DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
ALL WORK THAT MUST BE COMPLETED DURING THE CLOSURE OF S.R. 568. COMPLETE REHABILITATION OF THE HAN-568-02.88 AND HAN-568-03.63 BRIDGES AND ALL WORK TO OPEN THE ROADWAY TO UNRESTRICTED TRAFFIC	60	\$8,500 PER DAY	6/1/2025	8/1/2025
ALL WORK ON THE PROJECT (INCLUDING THE WORK LISTED ABOVE)	90	PER C&MS 108.07	5/1/2025	8/1/2025

PROJECT CONTROL TABLE

STATION/OFFSET		PROJECT COORDINATES SURVEY PARAMETERS (SEE			MONUMENT DESCRIPTION	
STATION (C/L of R/W)	OFFSET (C/L of R/W)	NORTHING(ft) (HAN LDP)	EASTING(ft) (HAN LDP)	ELEV(ft) (NAVD88/18)	PT #	DESCRIPTION
HAN-568-2.88						
HORIZONTAL CONTROL						
150+00.18	22.87' LT	323228.602	178189.514	782.30 *	CP1	¾" Iron rebar with yellow cap stamped "Do Not Distrub ODOT Control"set
159+03.89	24.90' RT	323157.790	179091.713		CP2	¾" Iron rebar with yellow cap stamped "Do Not Distrub ODOT Control"set
139+45.46	C/L	323232.654	177134.553		GD4	1" rebar in a monument box found (S. ¼ Post Section 16)
166+32.00	C/L	323164.101	179820.213		GD1	Chiseled "X" on monument box lid (SE Corner Section 16)
VERTICAL CONTROL						
151+88	22.7' LT	323233	178359	783.57	BM1	Chiseled Square in NW Wingwall
155+48	19.6' LT	323216	178727	784.02	BM2	Chiseled Square in NE Wingwall
159+80	35' RT	323145	179167	780.08	BM3	MSPK in North face of Telephone Pole
HAN-568-3.63						
HORIZONTAL CONTROL						
193+87.87	20.21' LT	323142.628	182576.173	782.92 *	CP3	¾" Iron rebar with yellow cap stamped "Do Not Distrub ODOT Control"set
189+61.11	19.03' LT	323148.335	182149.348		CP4	¾" Iron rebar with yellow cap stamped "Do Not Distrub ODOT Control"set
166+32.00	C/L	323164.101	179820.213		GD1	Chiseled "X" on monument box lid (SW Corner Section 15)
192+80.14	C/L	323124.541'	182468.058'		GD3	Monument box found (S. ¼ Post Section 15)
219+40.87	C/L	323072.218'	185128.281'		GD2	Monument box found (SE Corner Section 15)
VERTICAL CONTROL						
193+66	32' LT	323154	182554	782.26	BM3	MSPK in South Face of Power Pole
191+91	28' LT	323153	182379	783.57	BM2	Chiseled Square in NE Wingwall
188+08	27.5' LT	323159	181996	782.16	BM1	MSPK in South Face of Power Pole #562-5270

*This elevation may be subject to seasonal changes. Confirm elevation against other primary vertical control and benchmarks just prior to the start of construction activities.

DESIGN AGENCY



DESIGNER

MJM

REVIEWER

RJM 06-28-23

PROJECT ID

98521

SHEET

P.7

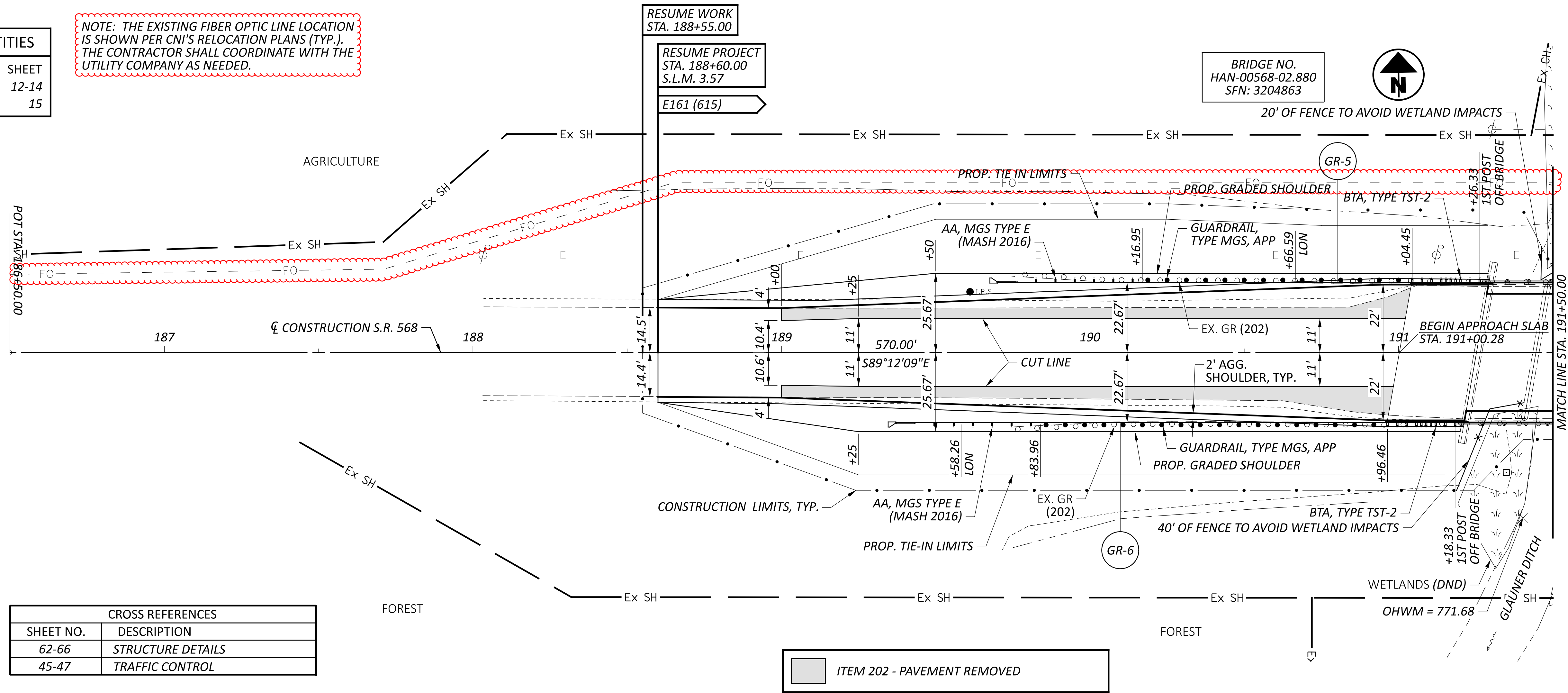
TOTAL

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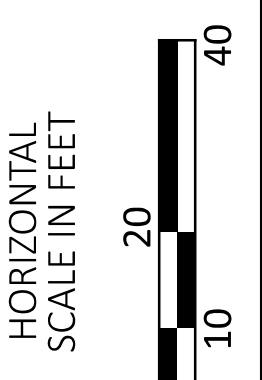
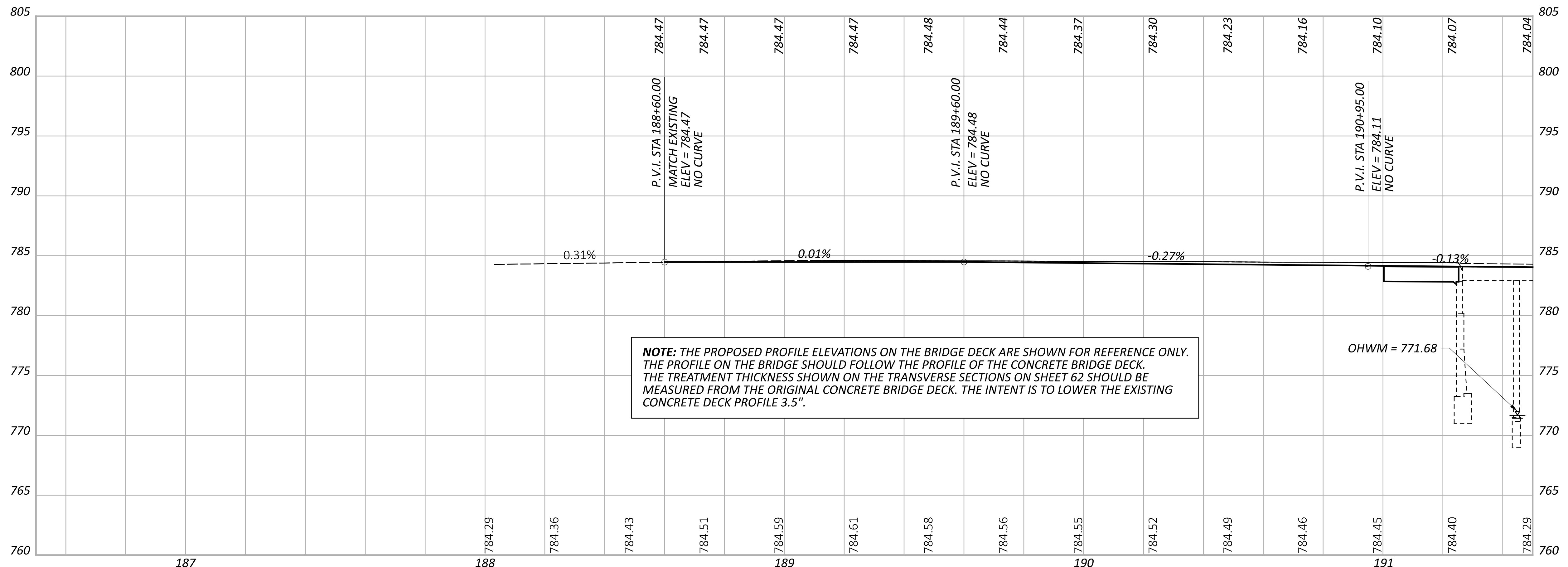
ESTIMATED QUANTITIES

ITEM	SHEET
PAVEMENT CALCS	12-14
GUARDRAIL - GR	15

NOTE: THE EXISTING FIBER OPTIC LINE LOCATION IS SHOWN PER CNI'S RELOCATION PLANS (TYP.). THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY AS NEEDED.



CROSS REFERENCES	
SHEET NO.	DESCRIPTION
62-66	STRUCTURE DETAILS
45-47	TRAFFIC CONTROL

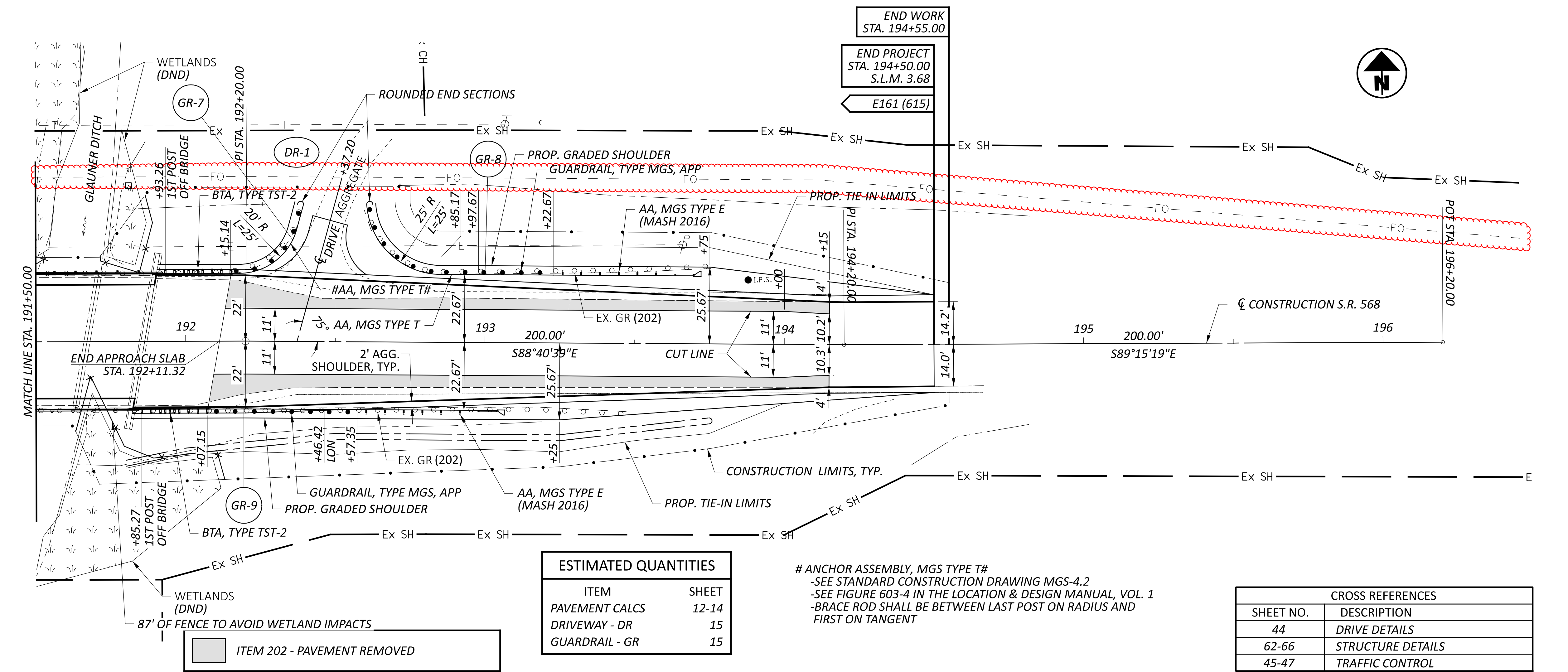


PLAN AND PROFILE - HAN-568-3.63
 STA. 186+50.00 TO STA. 191+50.00

DESIGN AGENCY



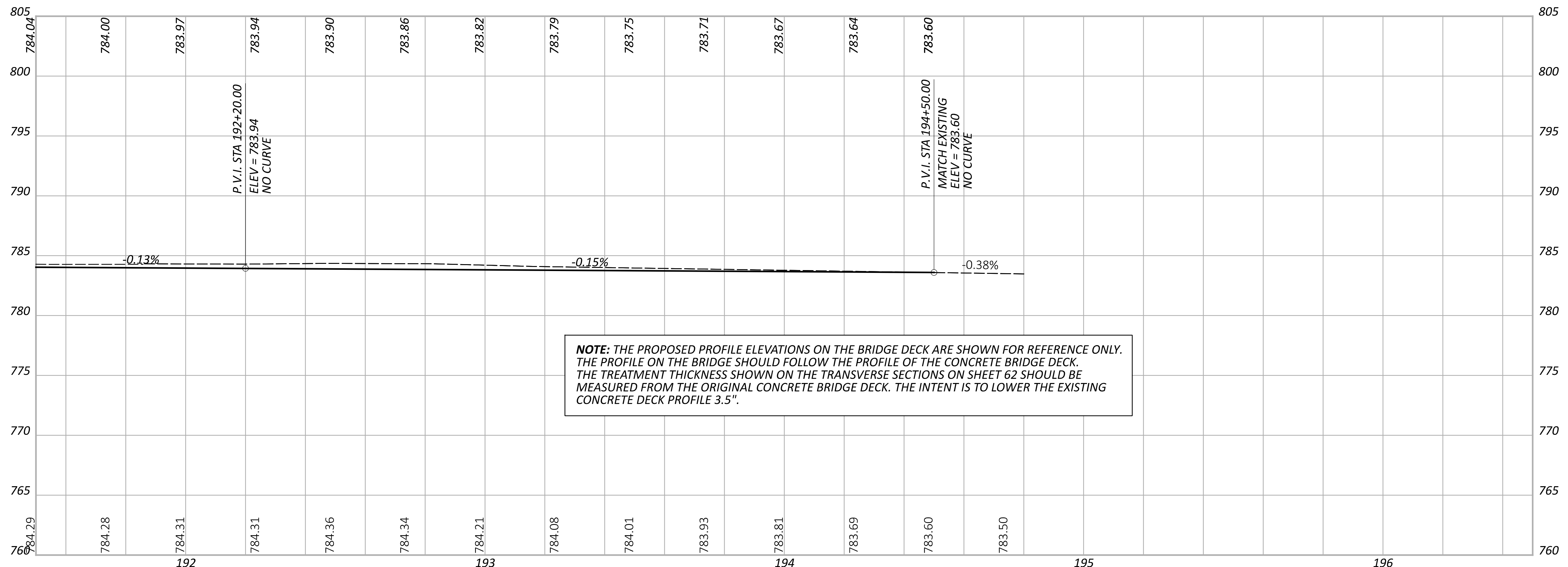
DESIGNER	MJM
REVIEWER	EED 06-19-23
PROJECT ID	98521
SHEET	P.18
TOTAL	66



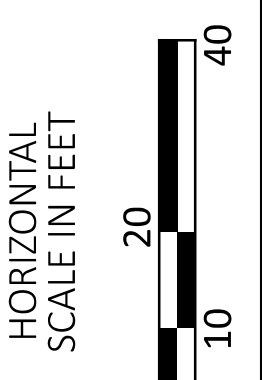
ESTIMATED QUANTITIES	
ITEM	SHEET
PAVEMENT CALCS	12-14
DRIVEWAY - DR	15
GUARDRAIL - GR	15

ANCHOR ASSEMBLY, MGS TYPE T#
 -SEE STANDARD CONSTRUCTION DRAWING MGS-4.2
 -SEE FIGURE 603-4 IN THE LOCATION & DESIGN MANUAL, VOL. 1
 -BRACE ROD SHALL BE BETWEEN LAST POST ON RADIUS AND FIRST ON TANGENT

CROSS REFERENCES	
SHEET NO.	DESCRIPTION
44	DRIVE DETAILS
62-66	STRUCTURE DETAILS
45-47	TRAFFIC CONTROL



NOTE: THE PROPOSED PROFILE ELEVATIONS ON THE BRIDGE DECK ARE SHOWN FOR REFERENCE ONLY. THE PROFILE ON THE BRIDGE SHOULD FOLLOW THE PROFILE OF THE CONCRETE BRIDGE DECK. THE TREATMENT THICKNESS SHOWN ON THE TRANSVERSE SECTIONS ON SHEET 62 SHOULD BE MEASURED FROM THE ORIGINAL CONCRETE BRIDGE DECK. THE INTENT IS TO LOWER THE EXISTING CONCRETE DECK PROFILE 3.5".

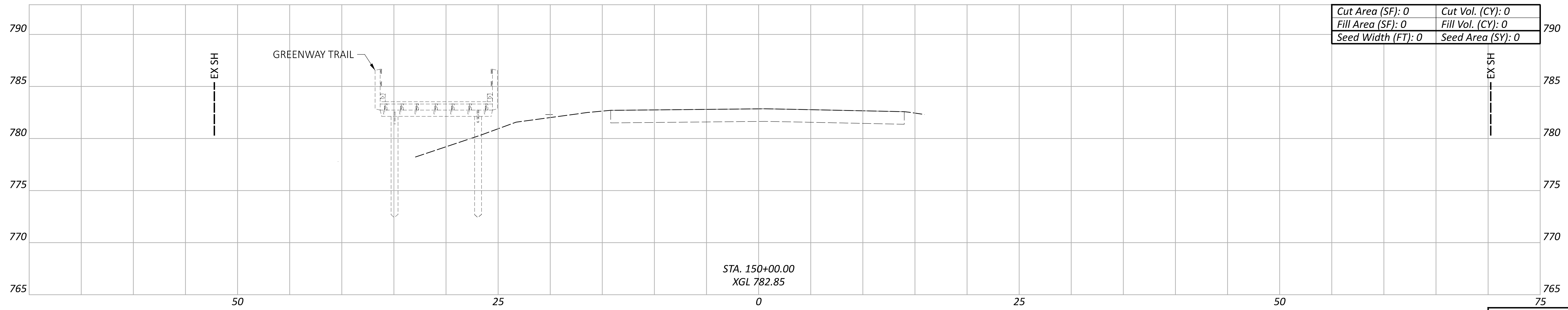
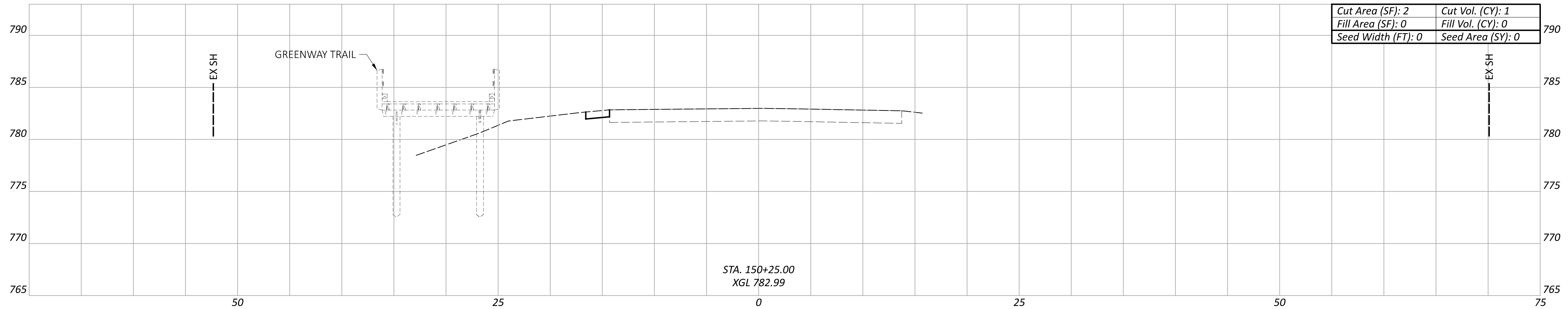
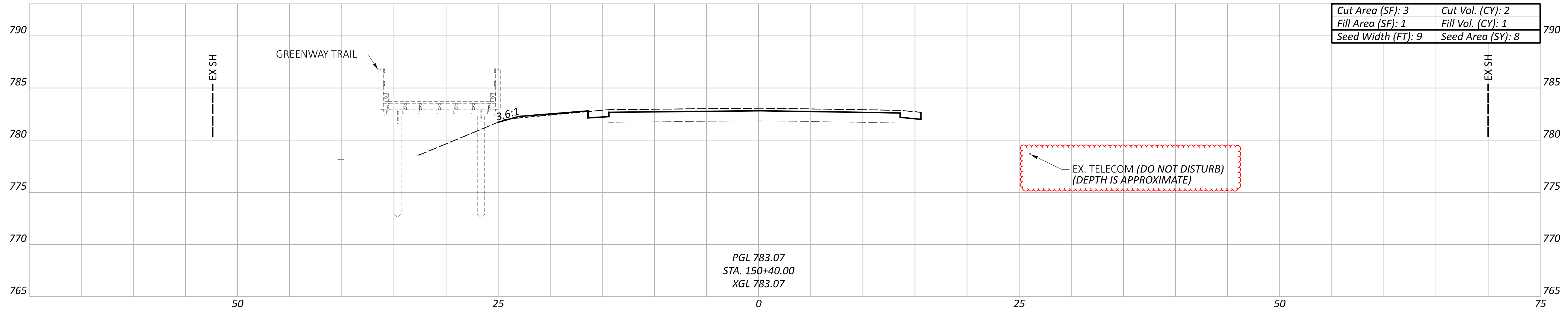


PLAN AND PROFILE - HAN-568-3.63
 STA. 191+50.00 TO STA. 196+20.00

DESIGN AGENCY



DESIGNER	MJM
REVIEWER	EED
PROJECT ID	06-19-23
	98521
SHEET	TOTAL
P.19	66



Sheet Totals		
Seeding	Cut	Fill
8	3	1

CROSS SECTIONS - HAN-568-2.88
 STA. 150+00.00 TO STA. 150+40.00

DESIGN AGENCY



DESIGNER

RJM

REVIEWER

EED 06-19-23

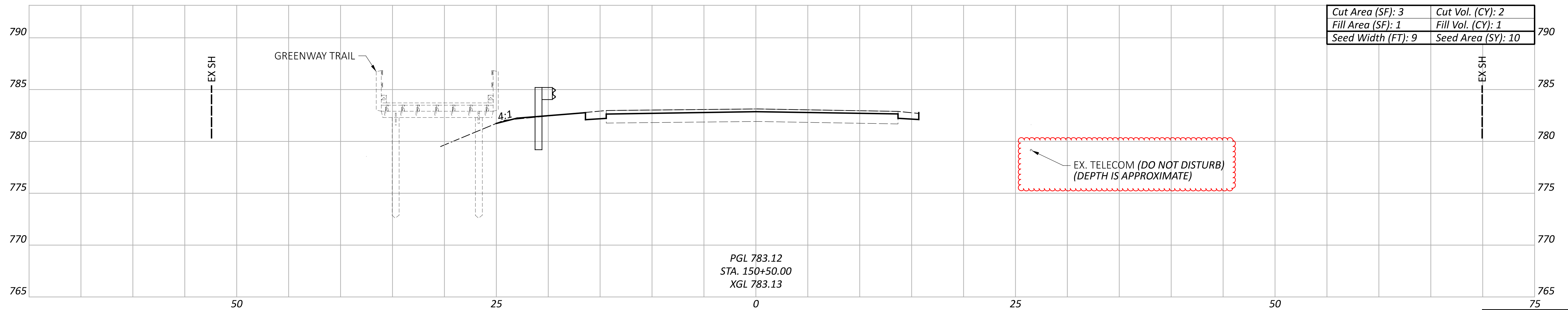
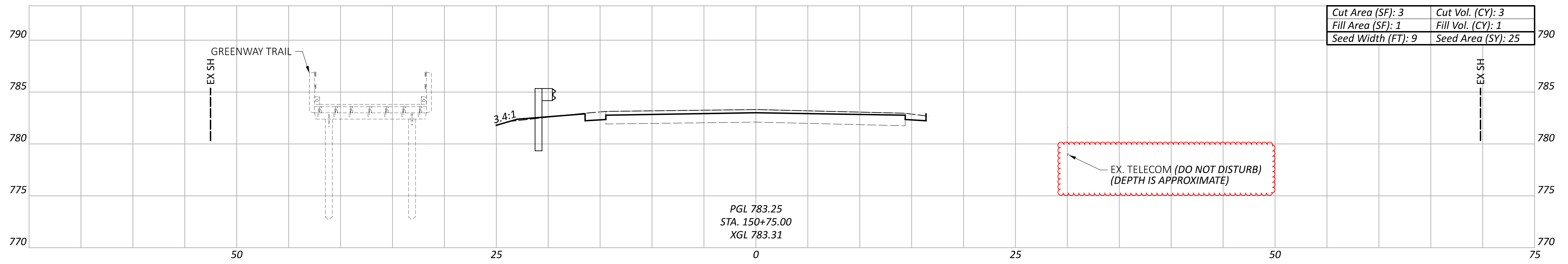
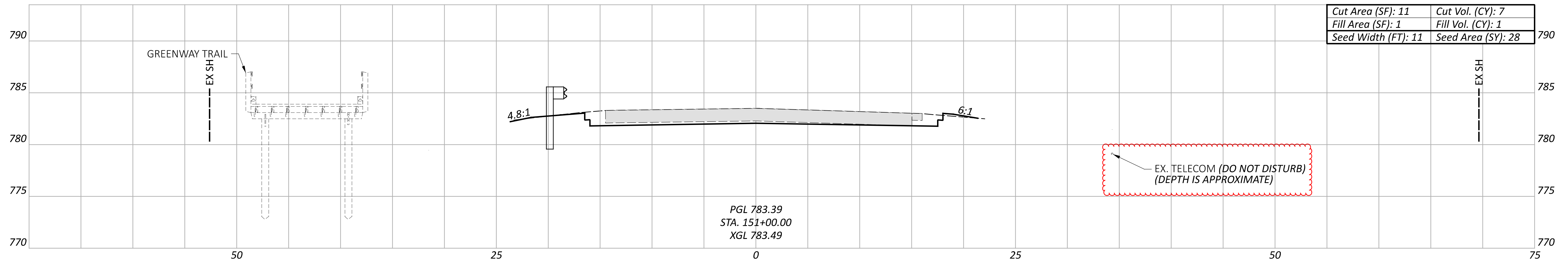
PROJECT ID

98521

SHEET TOTAL

P.20 66

ITEM 202 - PAVEMENT REMOVED



Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
63	12	3	P.21	66

DESIGN AGENCY



DESIGNER

RJM

REVIEWER

EED 06-19-23

PROJECT ID

98521



SHEET

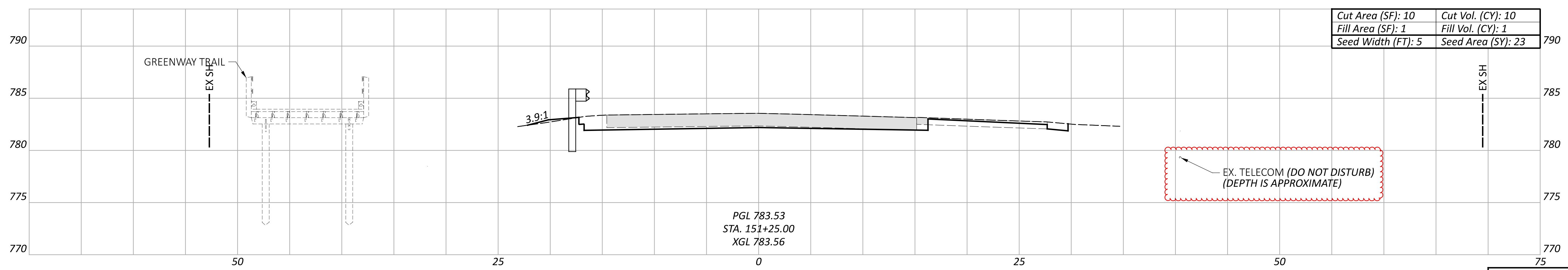
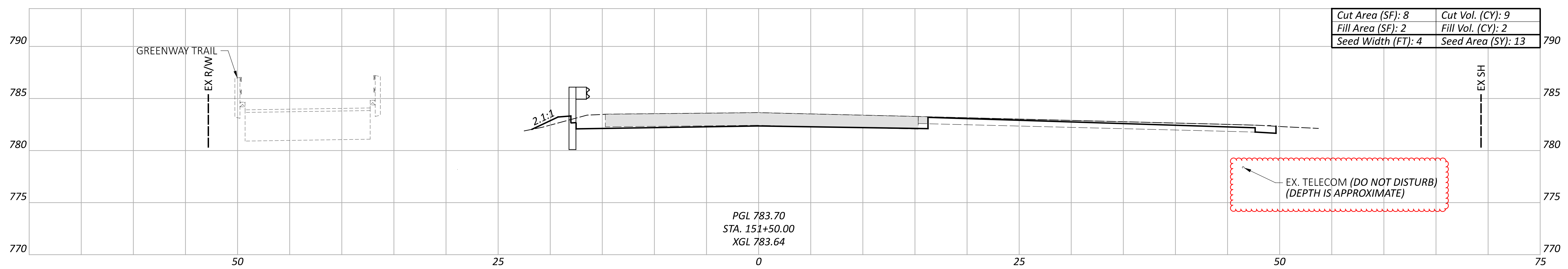
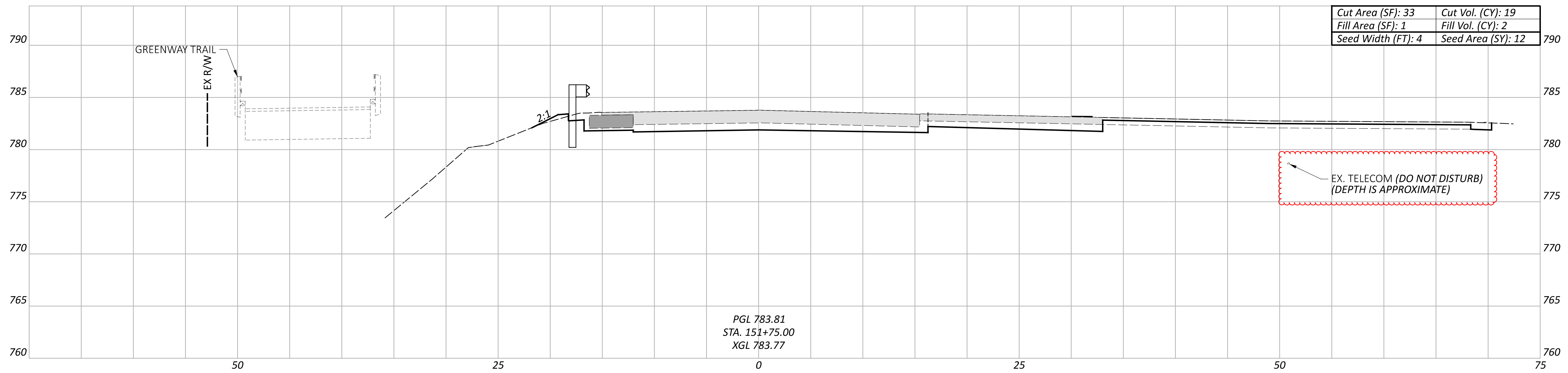
P.21

TOTAL

66

CROSS SECTIONS - HAN-568-2.88
 STA. 150+50.00 TO STA. 151+00.00

	ITEM 202 - PAVEMENT REMOVED		ITEM 202 - APPROACH SLAB REMOVED
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Sheet Totals		
Seeding	Cut	Fill
48	38	5

CROSS SECTIONS - HAN-568-2.88
 STA. 151+25.00 TO STA. 151+75.00

DESIGN AGENCY

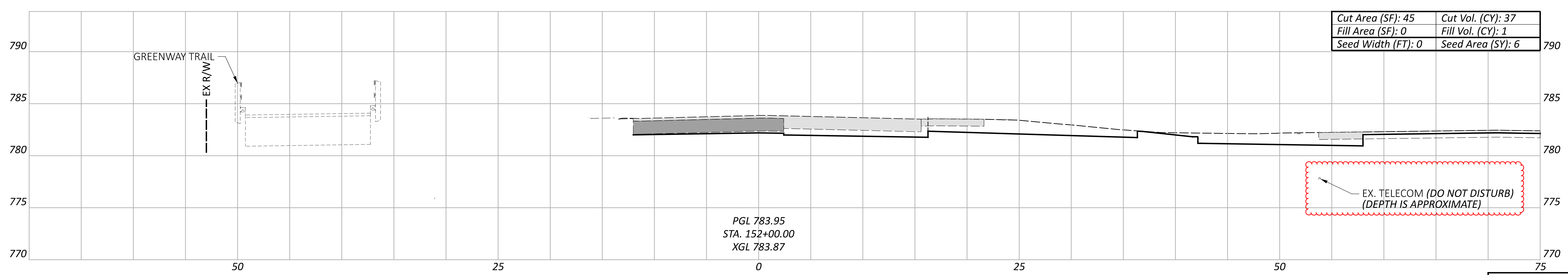
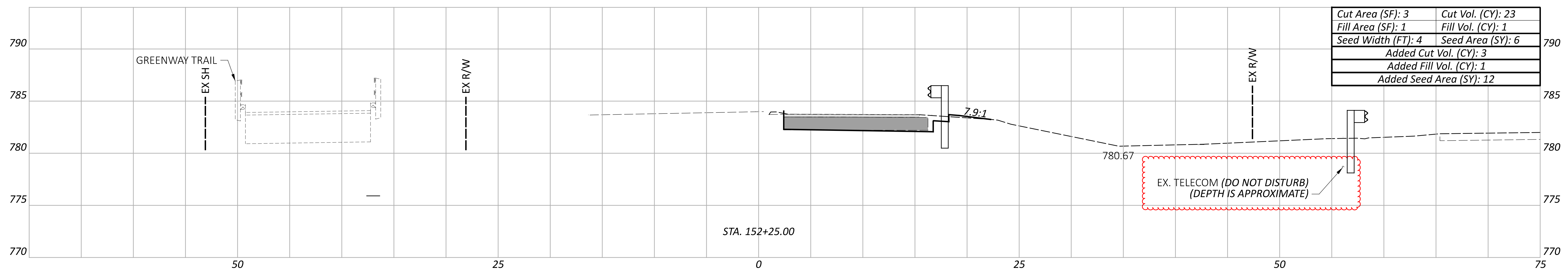
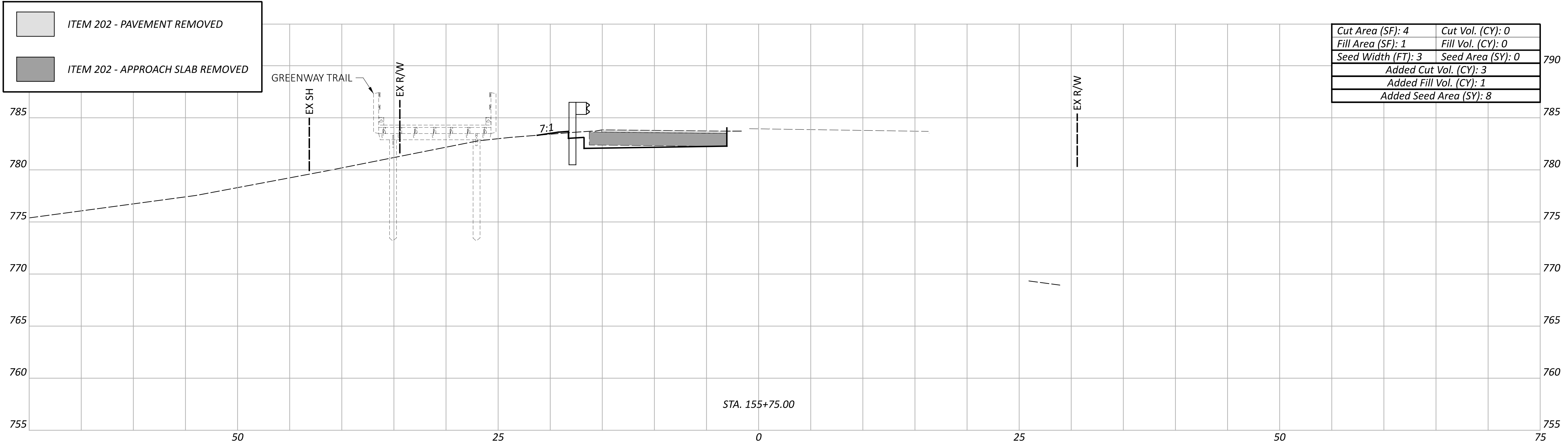


DESIGNER
RJM

REVIEWER
EED 06-19-23

PROJECT ID
98521

SHEET	TOTAL
P.22	66



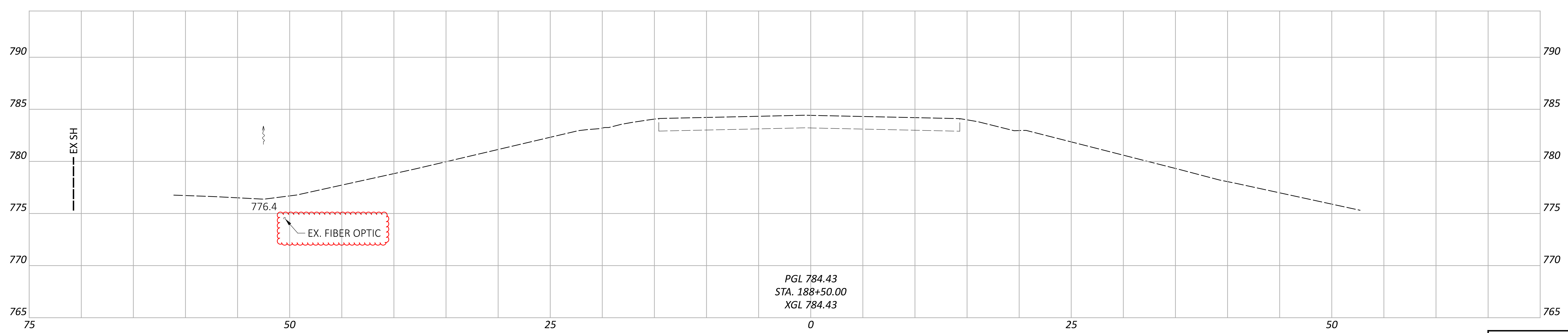
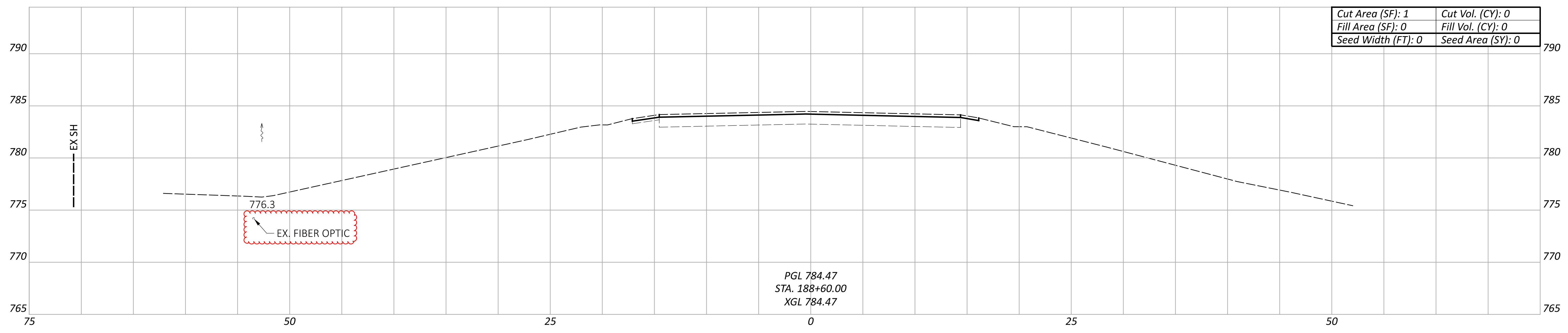
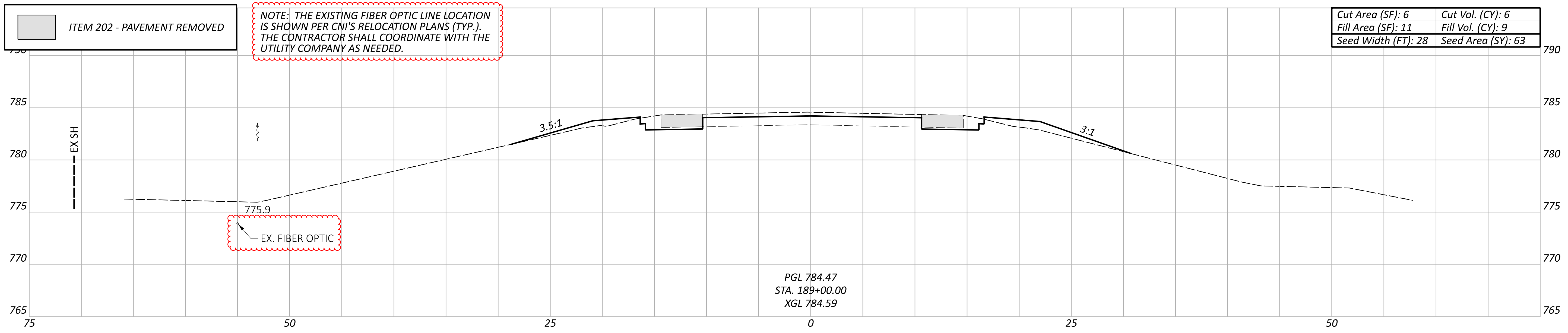
PGL 783.95
 STA. 152+00.00
 XGL 783.87

Sheet Totals		
Seeding	Cut	Fill
32	66	4

CROSS SECTIONS - HAN-568-2.88
 STA. 152+00.00 TO STA. 155+75.00

DESIGN AGENCY

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 PROJECT ID
 98521
 SHEET TOTAL
 P.23 66



CROSS SECTIONS - HAN-568-3.63
 STA. 188+50.00 TO STA. 189+00.00

DESIGN AGENCY



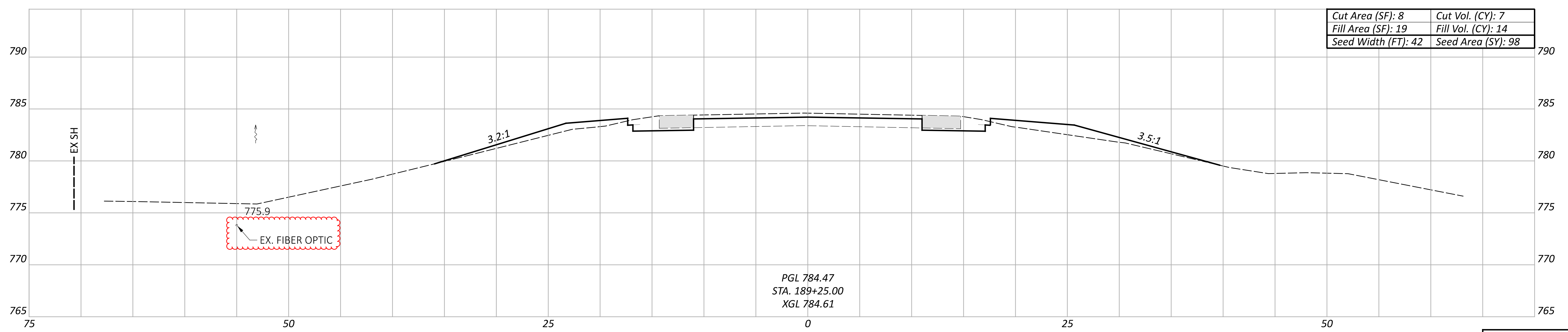
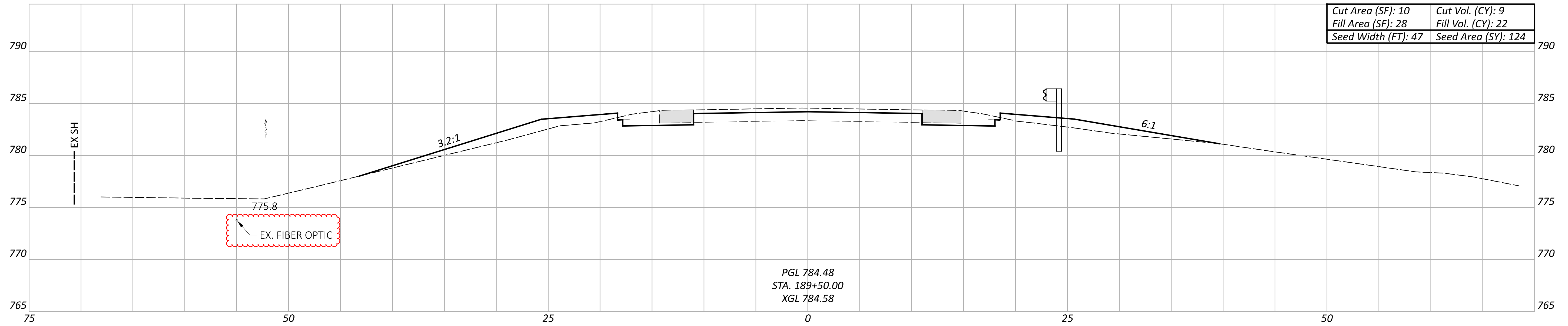
DESIGNER
 MJM

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 EED 06-19-23

PROJECT ID
 98521

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
63	6	9	P.32	66

ITEM 202 - PAVEMENT REMOVED



Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS - HAN-568-3.63
 STA. 189+25.00 TO STA. 189+50.00

DESIGN AGENCY



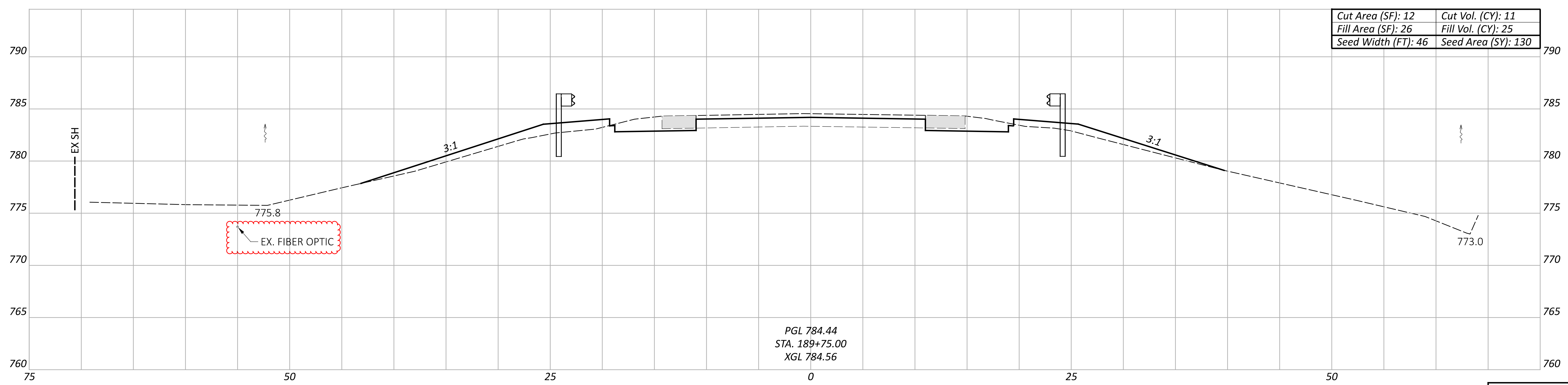
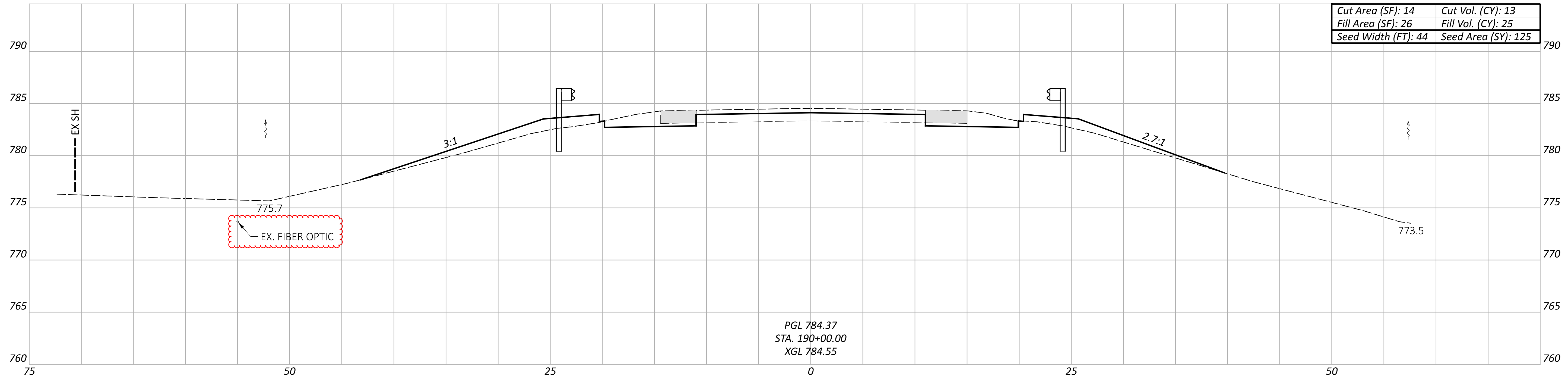
DESIGNER
 MJM

REVIEWER
 EED 06-19-23

PROJECT ID
 98521

SHEET	TOTAL
P.33	66

ITEM 202 - PAVEMENT REMOVED



Sheet Totals		
Seeding	Cut	Fill
255	24	50

CROSS SECTIONS - HAN-568-3.63
 STA. 189+75.00 TO STA. 190+00.00

DESIGN AGENCY



DESIGNER

MJM

REVIEWER

EED 06-19-23

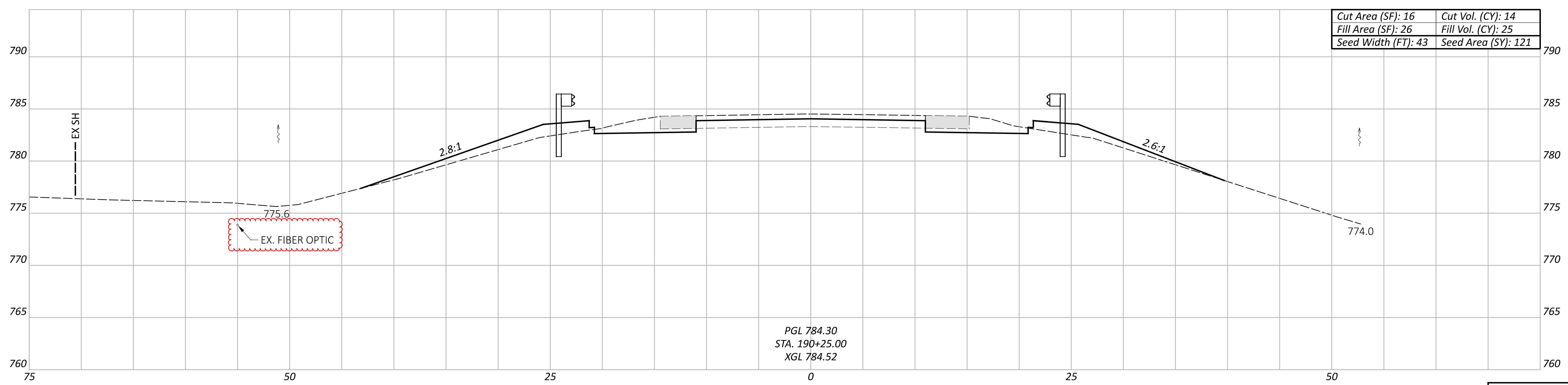
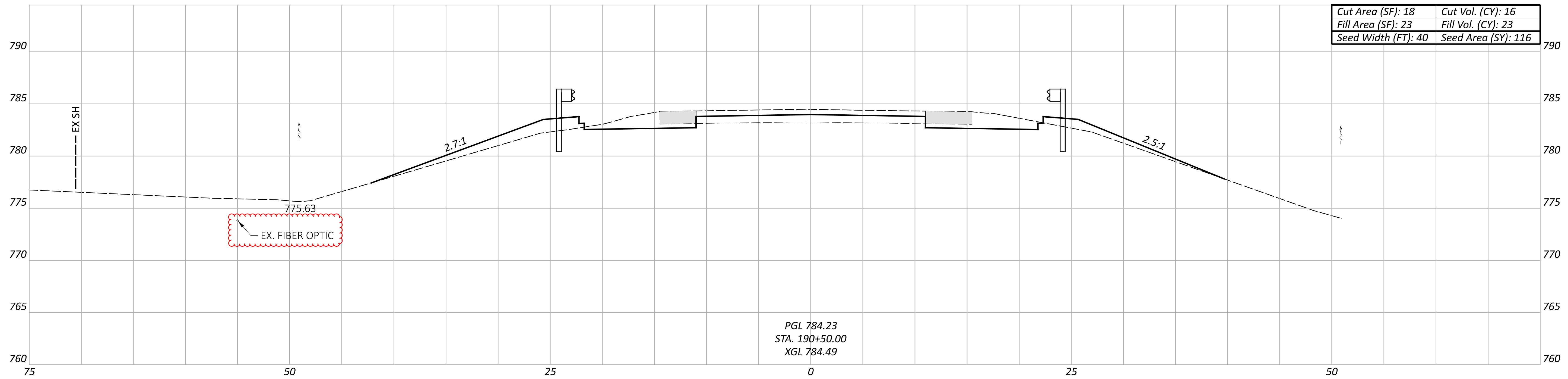
PROJECT ID

98521

SHEET TOTAL

P.34 66

ITEM 202 - PAVEMENT REMOVED



CROSS SECTIONS - HAN-568-3.63
 STA. 190+25.00 TO STA. 190+50.00

DESIGN AGENCY

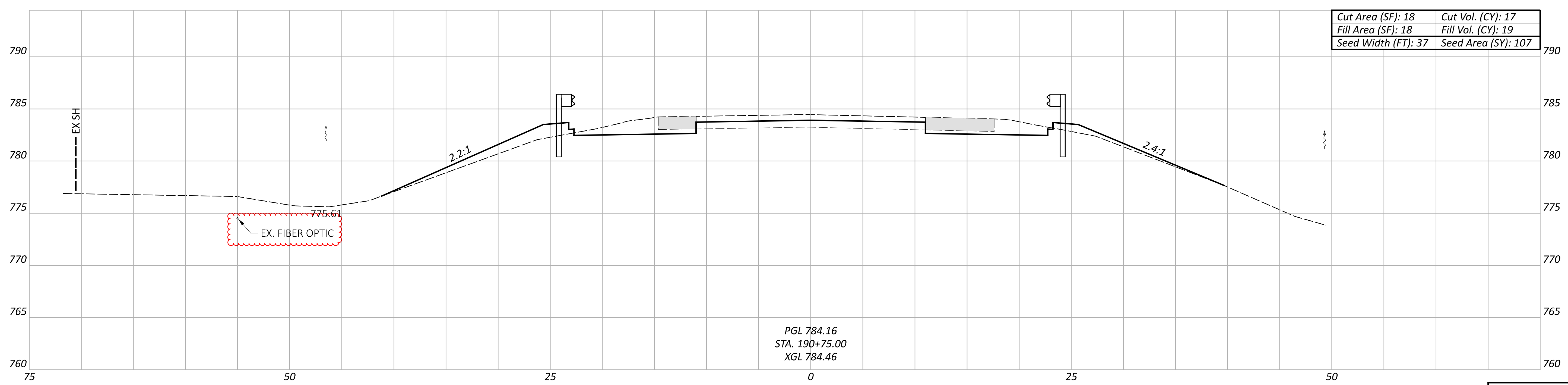
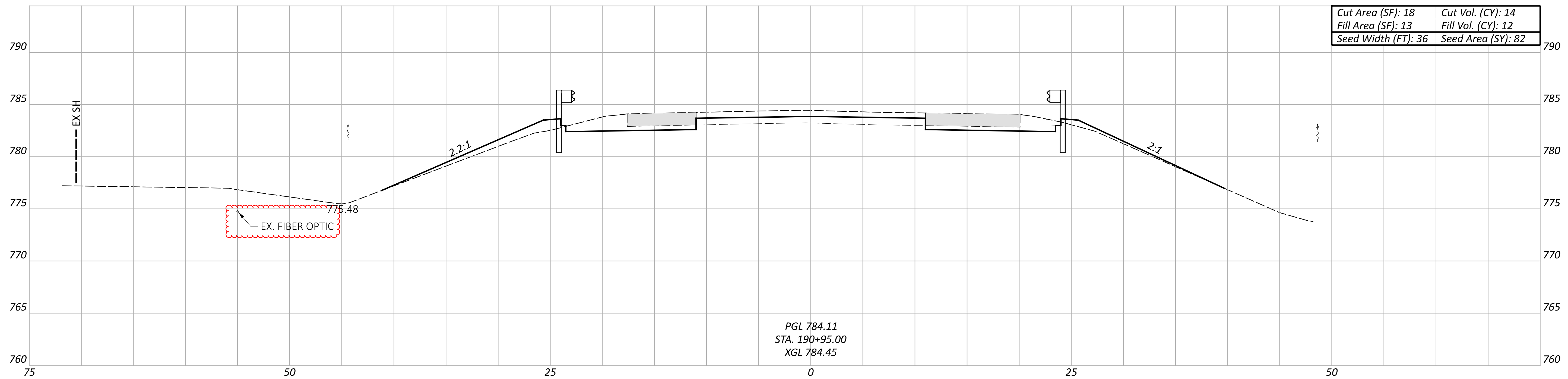


DESIGNER
 MJM
 REVIEWER
 EED 06-19-23

PROJECT ID
 98521

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
237	30	48	P.35	66

ITEM 202 - PAVEMENT REMOVED



Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.36	66
189	31	31		

DESIGN AGENCY



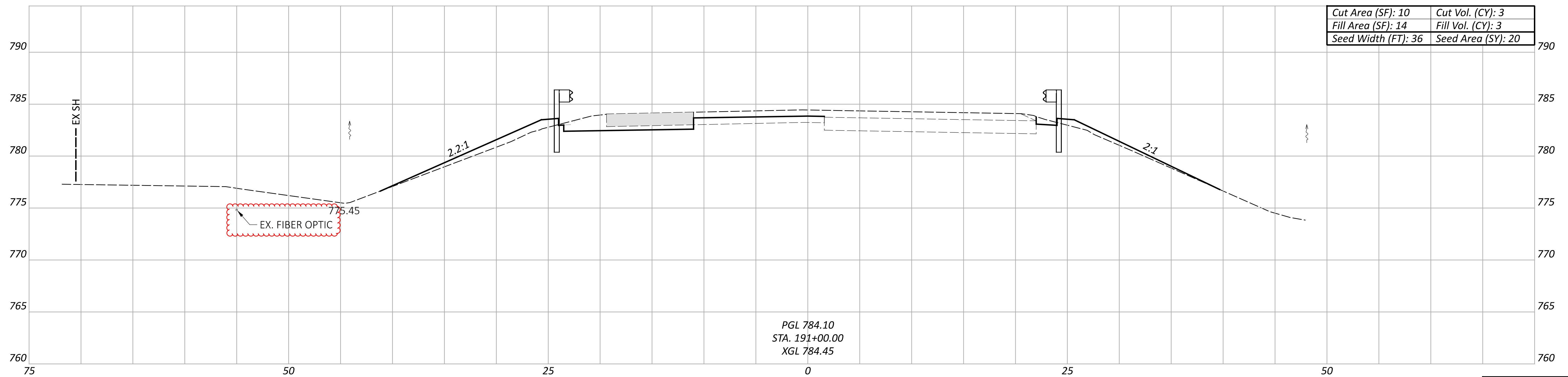
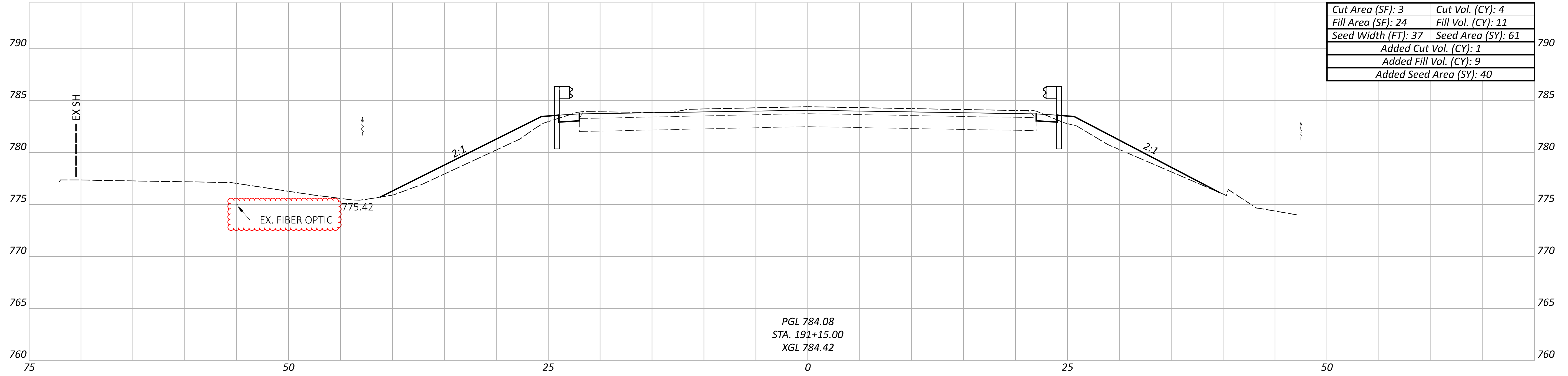
DESIGNER
MJM

REVIEWER
EED 06-19-23

PROJECT ID
98521

CROSS SECTIONS - HAN-568-3.63
STA. 190+75.00 TO STA. 190+95.00

ITEM 202 - PAVEMENT REMOVED



CROSS SECTIONS - HAN-568-3.63
 STA. 191+00.00 TO STA. 191+15.00

DESIGN AGENCY



DESIGNER

MJM

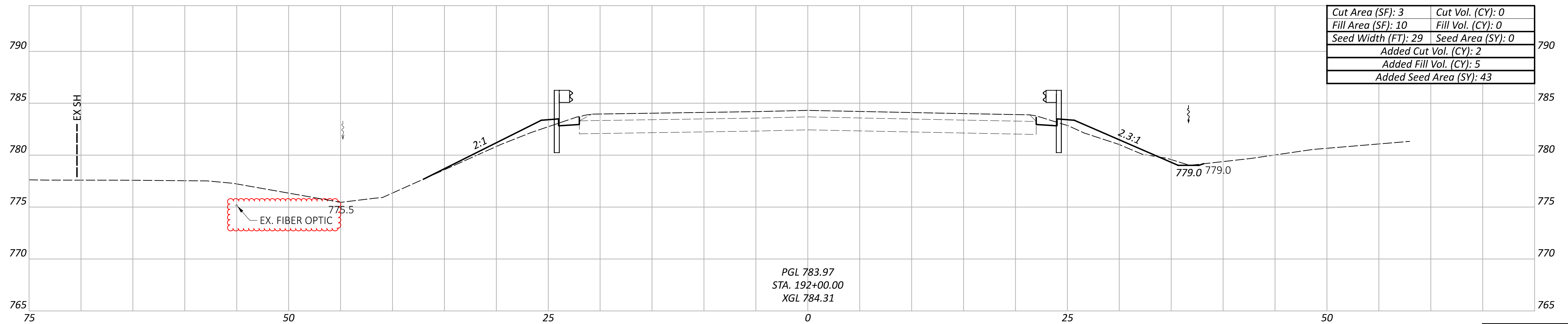
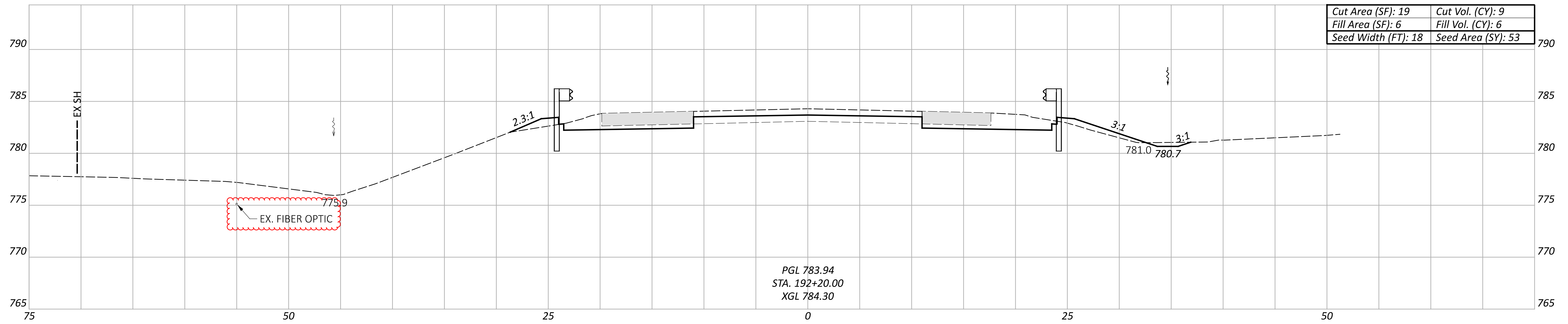
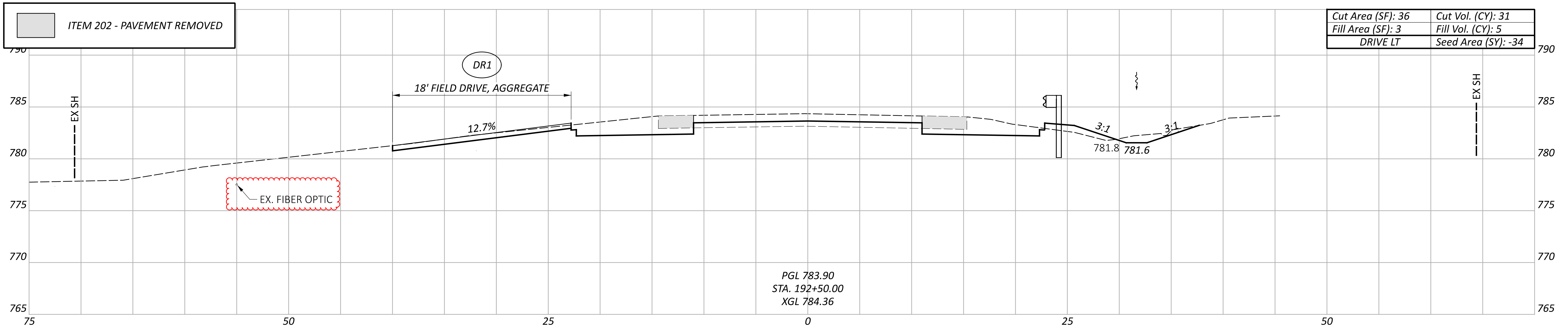
REVIEWER

EED 06-19-23

PROJECT ID

98521

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
121	8	23	P.37	66



Sheet Totals		
Seeding	Cut	Fill
62	42	16

CROSS SECTIONS - HAN-568-3.63
 STA. 192+00.00 TO STA. 192+50.00

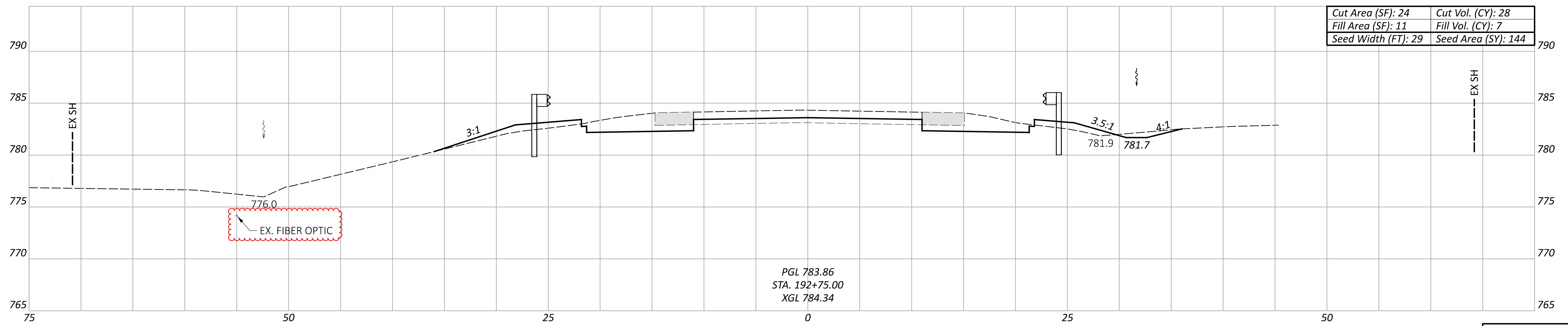
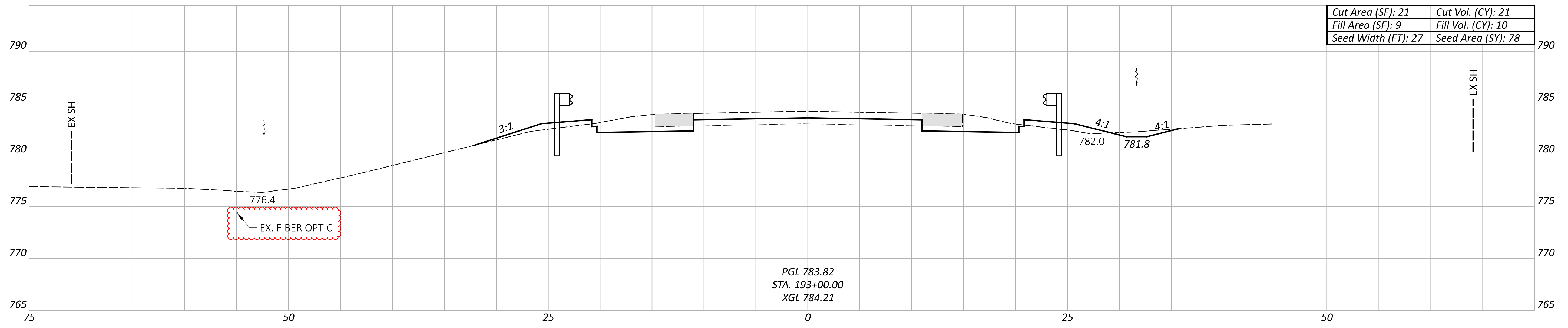
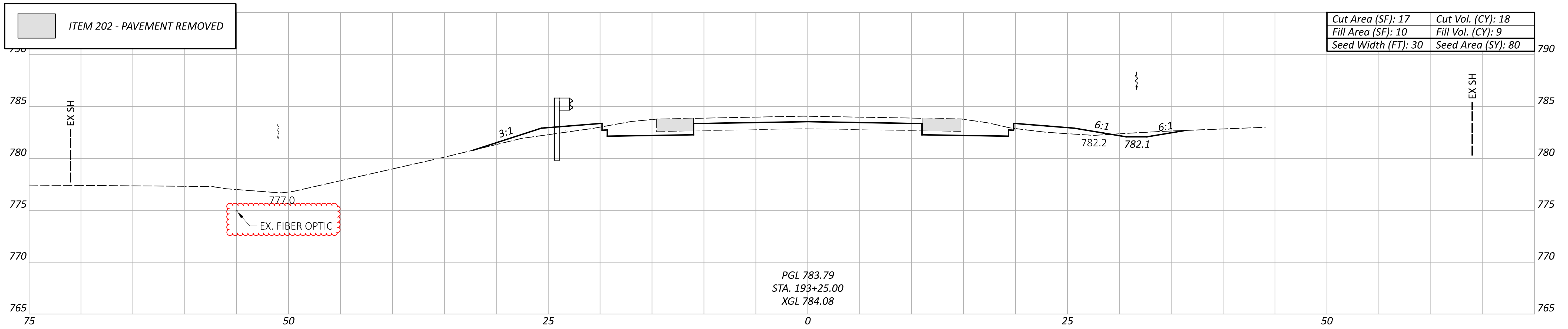
DESIGN AGENCY



DESIGNER
 MJM
 REVIEWER
 EED 06-19-23

PROJECT ID
 98521

SHEET TOTAL
 P.38 TOTAL 66



Sheet Totals		
Seeding	Cut	Fill
302	67	26

CROSS SECTIONS - HAN-568-3.63
 STA. 192+75.00 TO STA. 193+25.00

DESIGN AGENCY



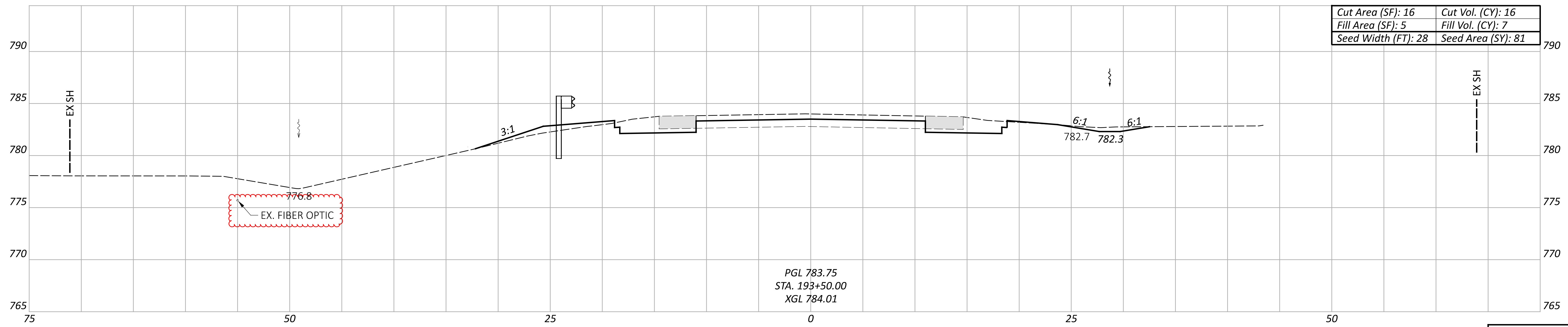
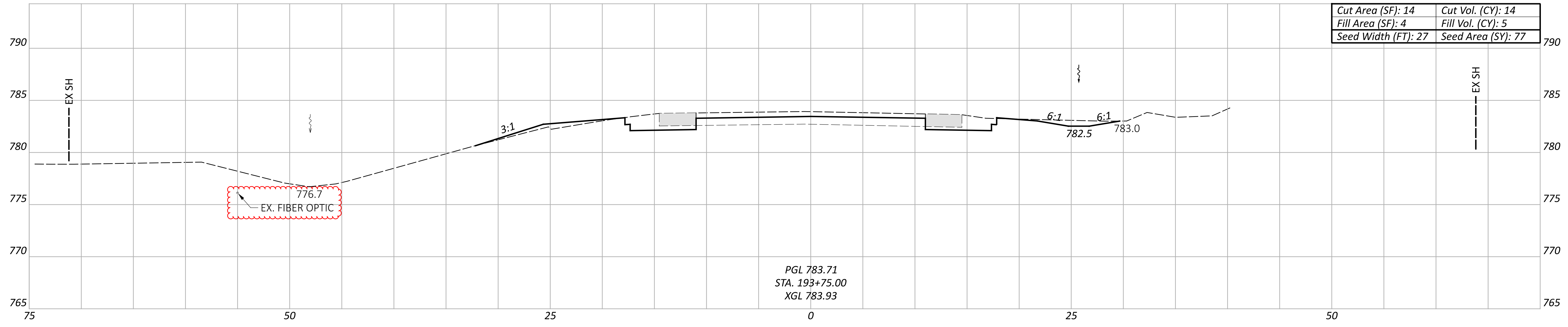
DESIGNER
 MJM

REVIEWER
 EED 06-19-23

PROJECT ID
 98521

SHEET	TOTAL
P.39	66

ITEM 202 - PAVEMENT REMOVED



Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
158	30	12	P.40	66

DESIGN AGENCY



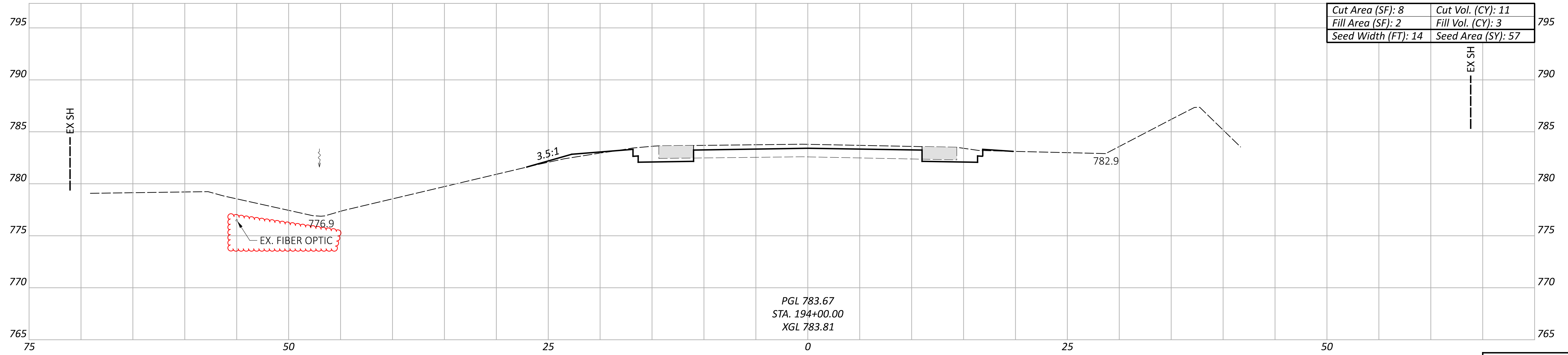
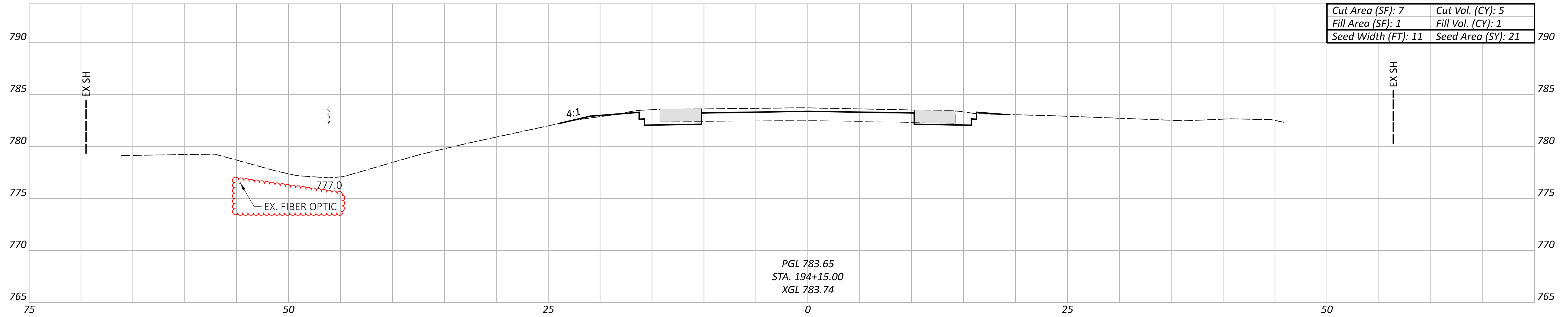
DESIGNER
MJM

REVIEWER
EED 06-19-23

PROJECT ID
98521

CROSS SECTIONS - HAN-568-3.63
STA. 193+50.00 TO STA. 193+75.00

ITEM 202 - PAVEMENT REMOVED



Sheet Totals			
Seeding	Cut	Fill	TOTAL
78	16	4	66

CROSS SECTIONS - HAN-568-3.63
 STA. 194+00.00 TO STA. 194+15.00

DESIGN AGENCY



DESIGNER

MJM

REVIEWER

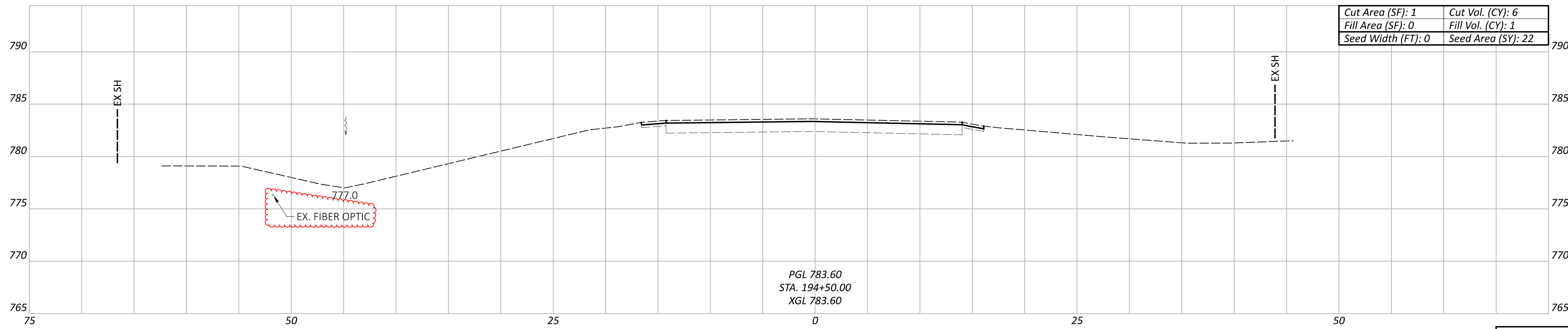
EED 06-19-23

PROJECT ID

98521

SHEET TOTAL

P.41 66



Cut Area (SF): 1	Cut Vol. (CY): 6
Fill Area (SF): 0	Fill Vol. (CY): 1
Seed Width (FT): 0	Seed Area (SY): 22

Sheet Totals		
Seeding	Cut	Fill
22	6	1

CROSS SECTIONS - HAN-568-3.63
STA. 194+50.00

DESIGN AGENCY



DESIGNER

MJM

REVIEWER

EED 06-19-23

PROJECT ID

98521

SHEET	TOTAL
P.42	66