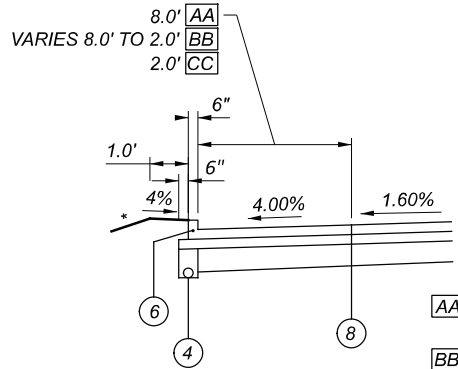
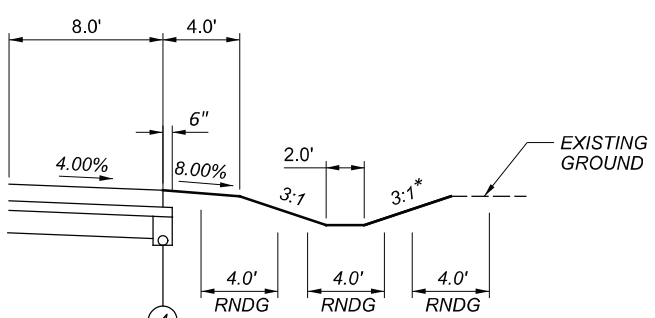


**BARRIER SECTION**  
STA. 85+07.30 - 85+76.00



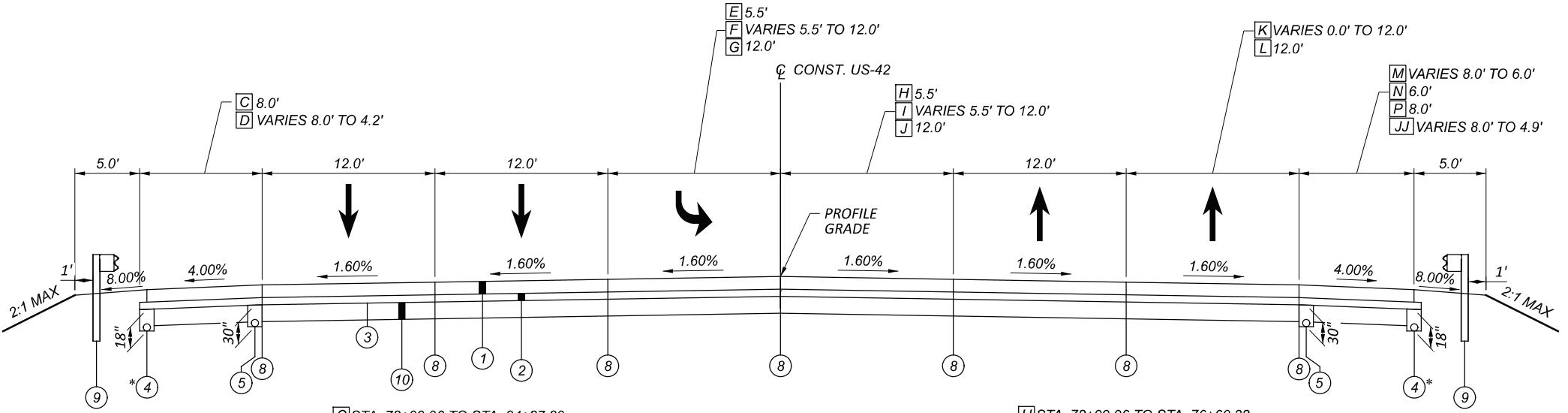
**CURB DETAIL**



**NORMAL DITCH SECTION**

**PROPOSED LEGEND**

- ① ITEM 452 - 11.0" NON-REINFORCED PORTLAND CEMENT CONCRETE
- ② ITEM 304 - 6" AGGREGATE BASE
- ③ ITEM 204 - PROOF ROLLING
- ④ ITEM 605 6" BASE PIPE UNDERDRAIN
- ⑤ ITEM 605 6" SHALLOW PIPE UNDERDRAIN
- ⑥ ITEM 609 - CURB, TYPE 4-A
- ⑦ ITEM 659 - SEEDING AND MULCHING, CLASS 1
- ⑧ STANDARD LONGITUDINAL JOINT WITH TIE BARS, REF. BR-2.1
- ⑨ ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS
- ⑩ ITEM 206 - CHEMICAL STABILIZED SUBGRADE, 14 INCHES DEEP
- ⑪ ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D

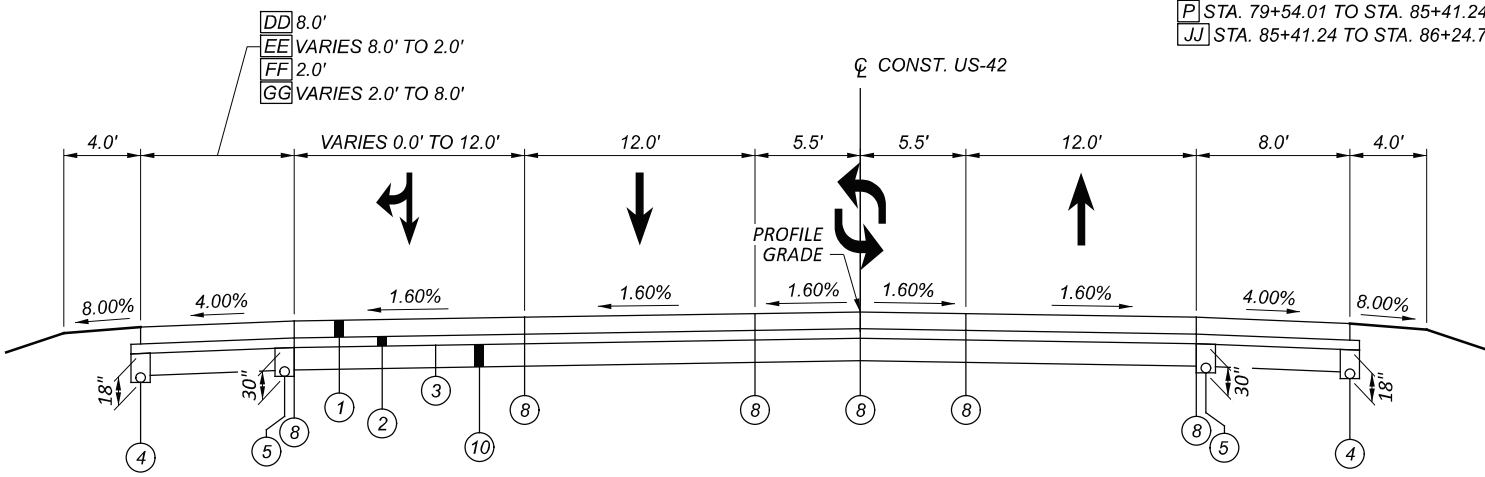


**NORMAL 5-LANE SECTION (SOUTH)**  
STA. 72+99.96 TO STA. 85+76.00

\* UNDERDRAIN LOCATED AT INSIDE OF SHOULDER TO BE PLACED ONLY WHERE SHOULDER IS 8 FEET OR GREATER.

- H STA. 72+99.96 TO STA. 76+60.32
- I STA. 76+60.32 TO STA. 79+00.00
- J STA. 79+00.00 TO STA. 86+18.91
- K STA. 72+99.96 TO STA. 75+97.80
- L STA. 75+97.80 TO STA. 86+18.91\*
- M STA. 72+99.96 TO STA. 73+93.95
- N STA. 73+93.95 TO STA. 76+98.55\*
- P STA. 79+54.01 TO STA. 85+41.24\*
- JJ STA. 85+41.24 TO STA. 86+24.76

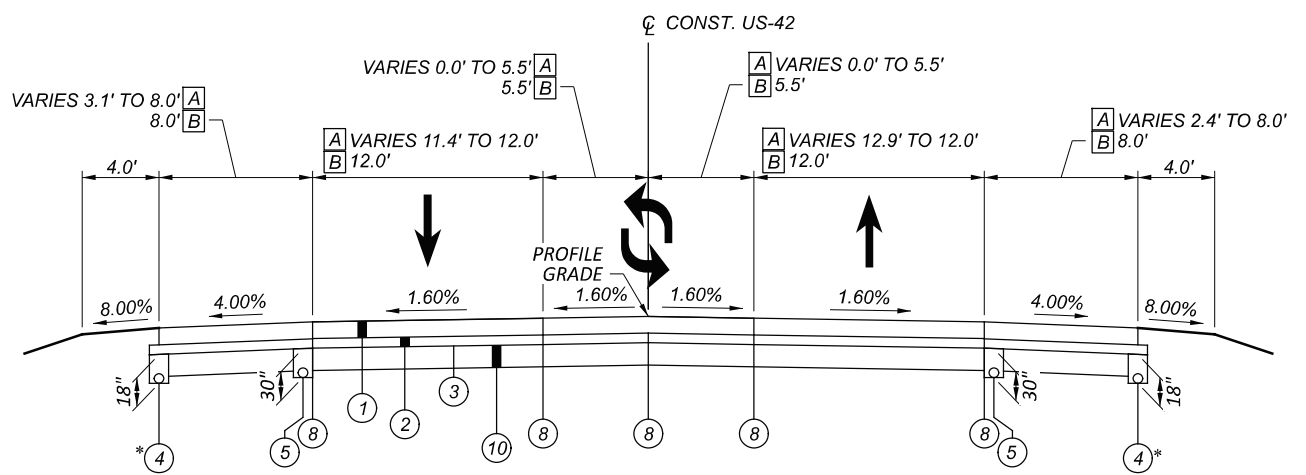
\* SEE DRIVEWAY AND PAVEMENT JOINT DETAIL SHEETS P.171-P.172 STA. 75+97.80 TO STA. 79+54.01



**NORMAL 4-LANE SECTION (SOUTH)**  
STA. 68+94.96 TO STA. 72+99.96

- DD STA. 68+94.96 TO STA. 70+60.00
- EE STA. 70+60.00 TO STA. 70+90.00
- FF STA. 70+90.00 TO STA. 72+50.00 \*
- GG STA. 72+50.00 TO STA. 72+96.30\*

\* DRIVEWAY LEFT FROM STA. 71+73.30 TO STA. 72+96.30



**NORMAL 3-LANE SECTION (SOUTH)**  
STA. 50+32.50 TO STA. 68+94.96

- A STA. 50+32.50 TO STA. 53+62.00
- B STA. 53+62.00 TO STA. 68+94.96

\* UNDERDRAIN LOCATED AT OUTSIDE OF SHOULDER TO BE PLACED ONLY WHERE SHOULDER IS 8 FEET OR GREATER.

TYPICAL SECTIONS  
PROPOSED

DESIGN AGENCY  
**TRC**

DESIGNER  
DSS

REVIEWER  
JEL 08/28/24

PROJECT ID  
109072

SHEET TOTAL  
P.004 208

**WATERLINE NOTES (CONTINUED)**

**FIRE HYDRANT ASSEMBLY - INSTALLATION**

ANCHOR COUPLINGS SHALL BE USED TO HARNESS THE HYDRANT WATCH VALVE TO THE MAINLINE TEE. THE HYDRANT SHALL BE HARNESSSED TO THE VALVE USING EITHER A NIPPLE MECHANICAL JOINT RESTRAINT OR ANCHOR COUPLINGS.

APPROXIMATELY 1/2 CUBIC YARD OF #6 STONE SHALL BE PLACED AROUND THE BARREL OF THE HYDRANT. THE STONE SHALL NOT BE PLACED CLOSER THAN 2 FEET TO THE GROUND SURFACE. STONE SHALL THEN BE COVERED WITH AN APPROVED PLASTIC TO PREVENT SOIL INFILTRATION.

**OHIO E.P.A. REQUIREMENTS**

THE OHIO ENVIRONMENTAL PROTECTION AGENCY REQUIRES A CONFORMANCE TO THE 2007 EDITION OF "TEN STATES STANDARDS." THIS STANDARD SHALL BE EQUALLED OR EXCEEDED FOR WATERLINES. SPECIAL ATTENTION SHALL BE GIVEN TO THE FOLLOWING SECTIONS OF PART 8.

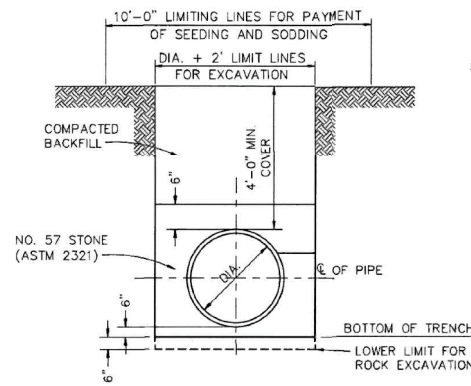
- 8.1.1 MATERIALS CONFORM TO AWWA STANDARDS
- 8.2.2 MINIMUM 6" DIAMETER FIRE PROTECTION
- 8.4.4 HYDRANT DRAINAGE
- 8.7.3 MINIMUM 5' GROUND COVER
- 8.7.5 PRESSURE TESTING AWWA C-600\*
- 8.7.6 DISINFECTION AWWA C-651\*
- 8.8.2 10" HORIZONTAL SEPARATION WATER MAIN/SEWER
- 8.8.3 18" VERTICAL SEPARATION WATER MAIN/SEWER
- 8.8.6 NO ENTRY AND/OR CONTACT WITH SEWER MANHOLE

\* NOTE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THIS TEST PROPERLY AND THE RESPONSIBILITY FOR AN ADEQUATE SUPERVISION AND APPROVAL RESTS WITH THE APPROPRIATE GOVERNMENTAL AGENCY. ANY DEVIATION FROM THE ABOVE WILL NOT BE PERMITTED UNLESS SPECIFICALLY INCLUDED IN THE GENERAL NOTES OR OTHERWISE SHOWN ON THESE PLANS.

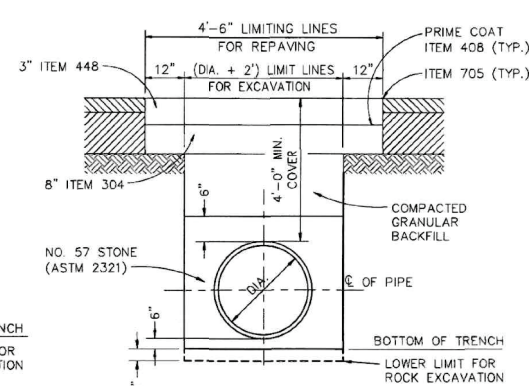
**PERMIT REQUIREMENTS**

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION AS NEEDED OR AT THE REQUEST OF THE ENGINEER. THE COST FOR THIS SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED WORK ITEMS.

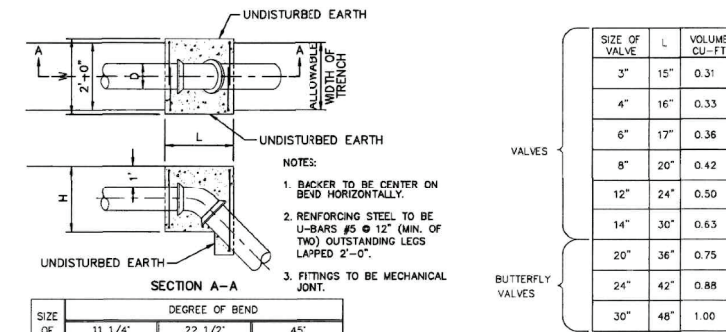
PRIOR TO BEGINNING CONSTRUCTION, THE PLANS MUST BE APPROVED BY THE OWNER AND THE ENGINEER AND A PERMIT OBTAINED TO ALLOW INSTALLATION FROM OHIO EPA.



**TRENCH DETAIL IN GRASSY AREA**  
NO SCALE



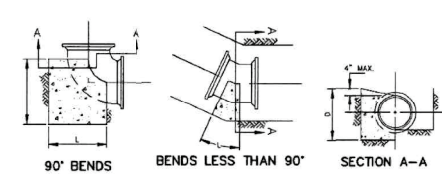
**TRENCH DETAIL UNDER PAVEMENT**  
NO SCALE



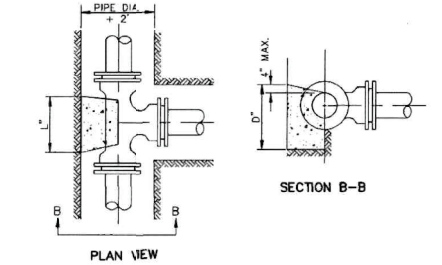
SIZE OF PIPE	DEGREE OF BEND											
	11 1/4°		22 1/2°		45°							
L	D	H	Vc.f.	L	D	H	Vc.f.	L	D	H	Vc.f.	
6"	12	4.8	1.8	5.8	15	4.3	3.6	13.2	28	5.6	24	21.0
8"	12	6.3	2.4	10.2	18	5.7	3.4	19.9	36	5.7	33	38.2
12"	20	5.4	3.6	21.0	37	6.2	3.7	46.8	48	6.2	51	85.2
16"	31	6.5	3.8	44.4	60	6.5	3.9	82.4	65	6.5	65	151.6
20"	45	7.0	4.0	64.9	56	7.0	6.0	126.2	72	7.6	78	234.0
24"	36	7.2	5.4	95.4	67	7.4	6.9	180.5	88	8.4	84	335.0

SIZE OF VALVE	L	VOLUME CU-FT
3"	15"	0.31
4"	16"	0.33
6"	17"	0.36
8"	20"	0.42
12"	24"	0.50
14"	30"	0.63
20"	36"	0.75
24"	42"	0.88
30"	48"	1.00

**CONCRETE VALVE SUPPORT**  
NO SCALE



SIZE OF PIPE	DEGREE OF BEND											
	11 1/4°		22 1/2°		45°		90°					
L	D	H	Vc.f.	L	D	H	Vc.f.	L	D	H	Vc.f.	
6"	8	6	0.5	12	7	0.7	20	8	1.4	18	9	1.7
8"	9	8	0.7	16	9	1.4	24	12	2.7	25	11	4.0
12"	14	12	1.8	24	14	3.6	36	18	6.8	32	18	10.7
16"	18	16	3.4	32	18	6.7	36	32	13.4	41	26	25.4
20"	25	20	6.4	30	30	11.5	49	36	20.5	50	32	46.5
24"	27	24	9.0	33	34	18.4	60	42	35.0	58	40	77.7

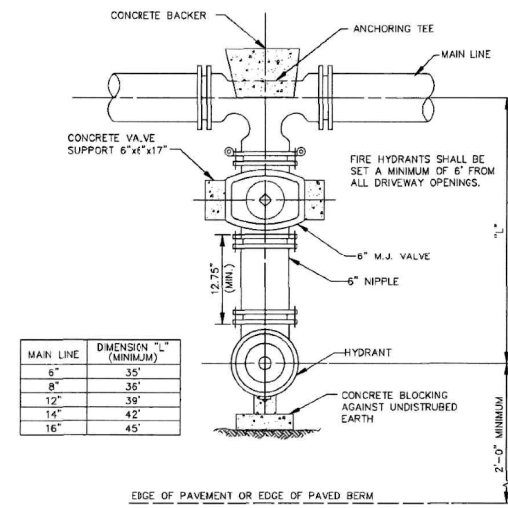


R	BRANCH											
	6"		8"		12"		16"		20"			
L	D	Vc.f.	L	D	Vc.f.	L	D	Vc.f.	L	D	Vc.f.	
8"	18	12	1.9									
8"	18	12	1.9	23	16	3.5						
12"	18	12	1.9	23	16	3.5	36	22	8.7			
16"	14	16	2.0	20	18	3.3	36	23	8.7	49	30	13.6
20"	11	20	1.9	18	20	3.3	35	24	8.7	46	32	13.6
24"	9	24	1.9	15	24	3.3	30	28	8.7	42	36	14.0

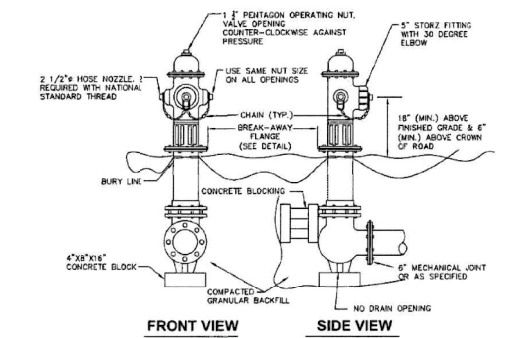
- NOTES:
- STEEL WILL BE USED AS REQUIRED BY THE ENGINEER. CONCRETE SHALL BE 4000 PSI. FITTING SHALL HAVE MECHANICAL JOINT CONNECTIONS.
  - CONCRETE BACKING SHALL NOT COVER MECHANICAL JOINTS.

**CONCRETE BACKING DETAILS**

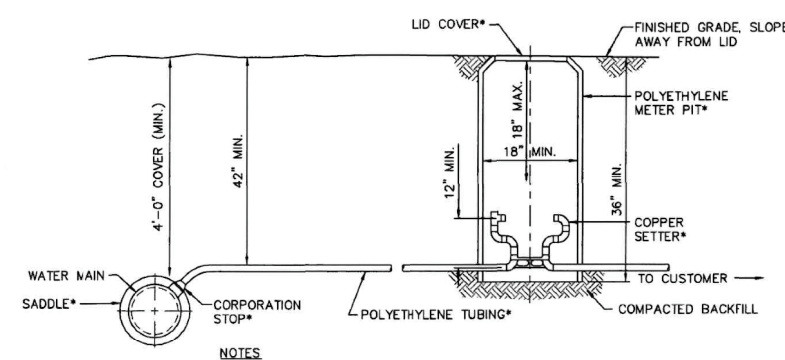
NO SCALE



**TYPICAL HYDRANT SETTING TYPE "A"**  
NO SCALE



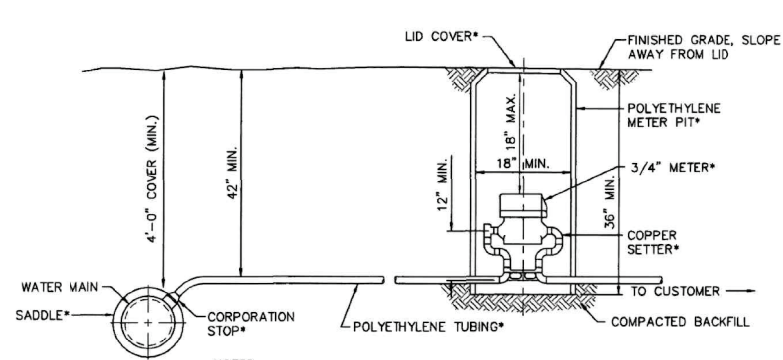
**TYPICAL HYDRANT DETAILS**  
NO SCALE



- NOTES:
- SEE SPECIFICATIONS FOR MANUFACTURER OF APPURTENANCES FOR SERVICE INSTALLATION.
  - CONTRACTOR SHALL INSTALL PRESSURE REGULATOR AS PER SPECIFICATIONS. PRESSURE REGULATOR SHALL BE LOCATED ALONG SERVICE PER MANUFACTURER'S RECOMMENDATIONS.

**TYPICAL METER BOX/SERVICE TAP INSTALLATION W/OUT METER**

NO SCALE



- NOTES:
- SEE SPECIFICATIONS FOR MANUFACTURER OF APPURTENANCES FOR SERVICE INSTALLATION.
  - CONTRACTOR SHALL INSTALL PRESSURE REGULATOR AS PER SPECIFICATIONS. PRESSURE REGULATOR SHALL BE LOCATED ALONG SERVICE PER MANUFACTURER'S RECOMMENDATIONS.

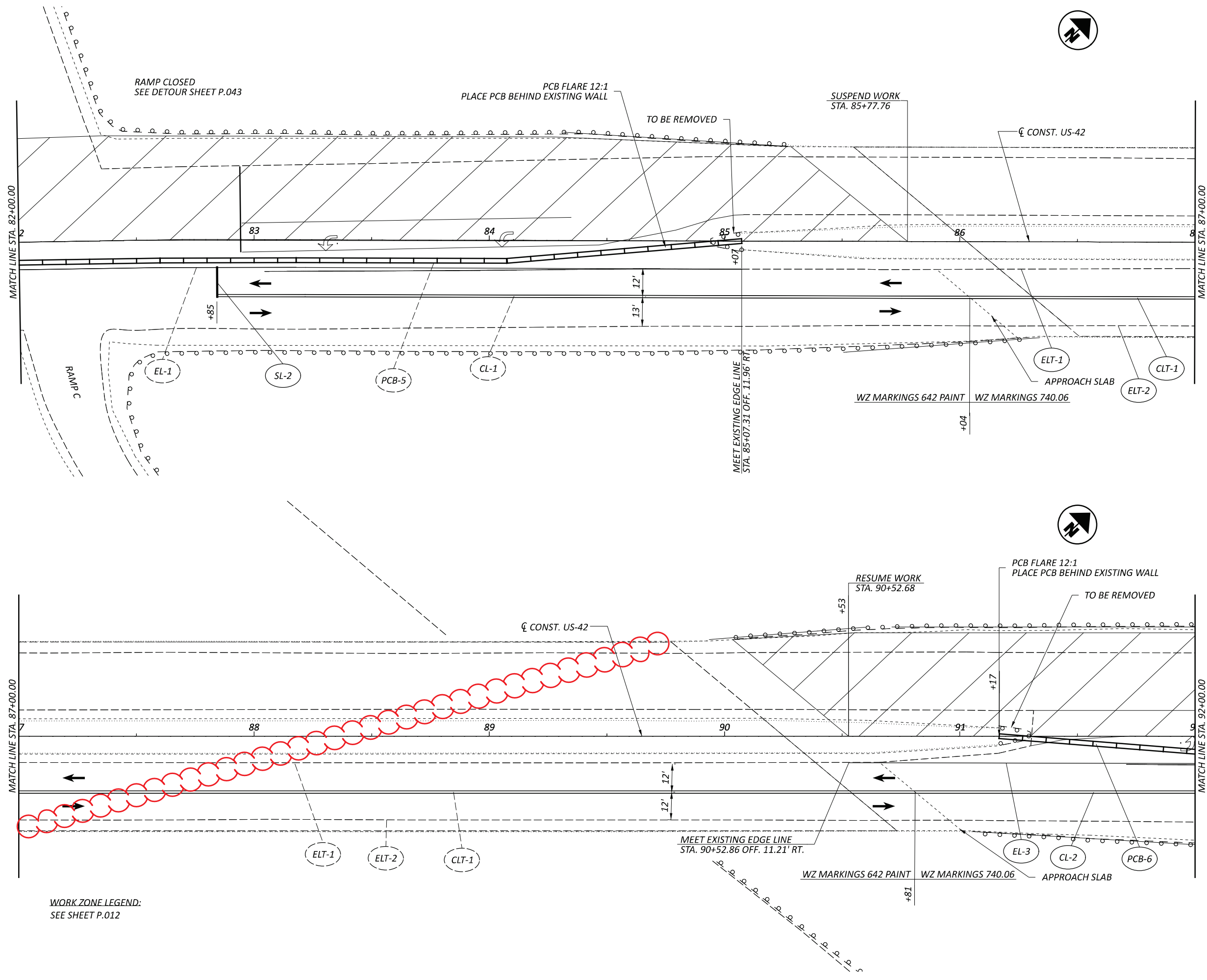
**TYPICAL METER BOX/SERVICE TAP INSTALLATION W/ METER**

NO SCALE

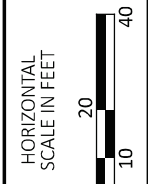
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MODEL: Sheet PAPER/DATE: 5/13/2026 TIME: 12:55:02 PM PLTDRY: OHDOT\_PDF.plt PENTBL: OHDOT\_Pent.tbl USER: DPapic@trcsolutions.com WORKSPACE: OHDOTCEV02 WORKSET: 109072\_PRODUCT: OpenRoadsDesigner 24.00.00.205  
pwl:trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\323009 - MAD42-12.354 - Design & Study Documents\405 - Drawings\109072\400-Engineering\Roadway\Sheets\109072\_GN004.dgn

WATERLINE GENERAL NOTES AND DETAILS

DESIGN AGENCY  
**TRC**  
DESIGNER  
DSS  
REVIEWER  
NNS 12/11/25  
PROJECT ID  
109072  
SHEET TOTAL  
P.009 208



WORK ZONE LEGEND:  
SEE SHEET P.012



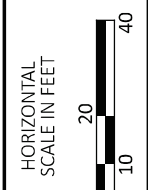
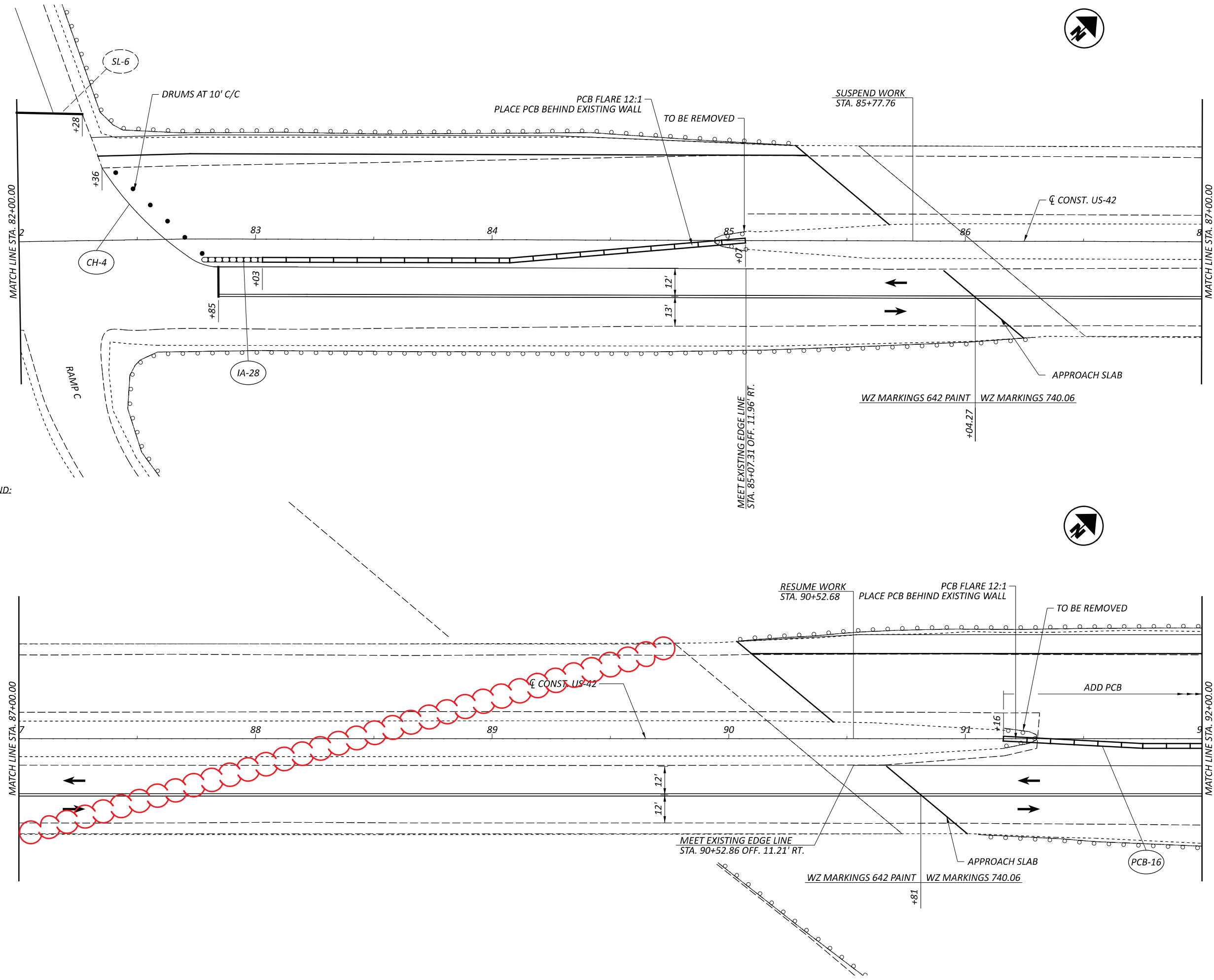
MAINTENANCE OF TRAFFIC PHASE 1 STEP 1  
STA. 82+00 TO STA. 92+00

DESIGN AGENCY



DESIGNER	DP
REVIEWER	DKI 08/28/24
PROJECT ID	109072
SHEET TOTAL	P.016 208

WORK ZONE LEGEND:  
SEE SHEET P.012



MAINTENANCE OF TRAFFIC PHASE 1 STEP 2  
STA. 82+00 TO STA. 92+00

DESIGN AGENCY



DESIGNER	DP
REVIEWER	DKI 08/28/24
PROJECT ID	109072
SHEET TOTAL	P.024 208

REF NO.	SHEET NO.	STATION TO STATION	SIDE	614	614	614	614	614	614	622	614	614	614	614							
				WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	PORTABLE BARRIER, UNANCHORED	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	BARRIER REFLECTOR TYPE 1, 1WAY	OBJECT MARKER, TWO WAY							
				MILE	MILE	FT	FT	FT	EACH	FT	MILE	MILE	EACH	EACH							
PHASE 1 STEP 1																					
EL-1	P.012	P.015	46+77			72+99	LT	0.497													
EL-1	P.015	P.016	72+99			85+07	LT	0.229													
EL-2	P.012	P.015	46+77			72+99	RT	0.497													
EL-2	P.015	P.015	72+99			74+84	RT	0.035													
EL-3	P.016	P.020	90+53			119+29	LT	0.545													
EL-4	P.017	P.020	96+15			119+29	RT	0.438													
ELT-1	P.016	P.016	86+04			90+52	LT													0.085	
ELT-2	P.016	P.016	86+04			90+81	RT													0.090	
DM-1	P.015		78+72				RT													9	
DM-1	P.015		78+95				RT													20	
DM-1	P.015		79+18				RT													32	
DM-1	P.015		79+41				RT													43	
DM-1	P.015		79+68				RT													57	
DM-1	P.015		79+94				RT													49	
CL-1	P.012	P.015	46+77			72+99	RT													0.497	
CL-1	P.015	P.016	72+99			86+04	RT													0.247	
CL-2	P.016	P.020	90+81			119+29	RT													0.539	
CLT-1	P.016	P.016	86+04			90+81	RT													0.090	
CH-1	P.017		93+34				RT													93	
CH-2	P.017		93+89				RT													87	
IA-1	P.012		49+16				LT													1	
IA-2	P.013		56+85				RT													1	
IA-3	P.013		58+18				RT													1	
IA-4	P.014		62+27				RT													1	
IA-5	P.014		63+75				RT													1	
IA-6	P.014		65+69				RT													1	
IA-7	P.014		66+86				RT													1	
IA-8	P.014		71+26				RT													1	
IA-9	P.014		73+83				RT													1	
IA-10	P.017		93+23				RT													1	
IA-11	P.017		95+15				RT													1	
IA-12	P.017		101+02				RT													1	
IA-13	P.018		102+26				RT													1	
IA-14	P.018		102+71				RT													1	
IA-15	P.018		103+95				RT													1	
IA-16	P.018		106+35				RT													1	
IA-17	P.018		107+50				RT													1	
IA-18	P.019		116+49				RT													1	
PCB-1	P.012	P.013	49+16			56+85														770	
PCB-2	P.013	P.014	58+18			62+27														410	
PCB-3	P.014	P.014	63+75			65+69														190	
PCB-4	P.014	P.014	66+86			71+26														440	
PCB-5	P.015	P.016	73+83			85+07														1120	
PCB-6	P.016	P.017	91+16			93+10														190	
PCB-7	P.017	P.017	95+15			101+02														590	
PCB-8	P.018	P.018	102+26			102+71														50	
PCB-9	P.018	P.018	103+95			106+35														240	
PCB-10	P.018	P.019	107+50			116+49														900	
SL-1	P.015		81+38																	14	
SL-2	P.016		82+85																	13	
SL-3	P.017		92+99																	14	
SL-4	P.017		94+09			94+68														59	
SL-5	P.017		95+15																	13	
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>																					
				2.24	1.37	112	210	180	18	4900	0.18	0.09	99	99							

MAINTENANCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 DP  
 REVIEWER  
 DKI 08/28/24  
 PROJECT ID  
 109072  
 SUBSET TOTAL  
 0 0  
 SHEET TOTAL  
 P.054 208

REF NO.	SHEET NO.	STATION TO STATION	SIDE	614	614	614	614	614	622	614	614	614	614							
				WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT MILE	WORK ZONE STOP LINE, CLASS I, 642 PAINT FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8" FT	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	PORTABLE BARRIER, UNANCHORED FT	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I MILE	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I MILE	BARRIER REFLECTOR TYPE 1, 1WAY EACH	OBJECT MARKER, TWO WAY EACH							
PHASE 1 STEP 2																				
CH-3	P.023	80+73						115						34	34					
CH-4	P.024	82+84						67												
IA-19	P.021	54+23	RT																	
IA-20	P.021	57+05	RT																	
IA-21	P.022	64+96	RT																	
IA-22	P.022	66+19	RT																	
IA-23	P.022	67+32	RT																	
IA-24	P.022	68+69	RT																	
IA-25	P.023	71+99	RT																	
IA-26	P.023	73+07	RT																	
IA-27	P.023	80+50	RT																	
IA-28	P.024	83+03	RT																	
IA-29	P.025	100+16	RT																	
IA-30	P.025	101+55	RT																	
IA-31	P.026	101+91	RT																	
IA-32	P.026	103+19	RT																	
PCB-11	P.021	57+05																		
PCB-12	P.022	62+27																		
PCB-13	P.022	66+19																		
PCB-14	P.022	71+26																		
PCB-15	P.023	73+07																		
PCB-16	P.024	91+16																		
PCB-17	P.025	101+55																		
PCB-18	P.026	103+95																		
PCB-19	P.026	106+34																		
SL-6	P.023	81+63																		
PHASE 2 STEP 1																				
EL-5	P.027	50+02	LT																	
EL-5	P.030	72+99	LT																	
EL-6	P.027	49+63	RT																	
EL-6	P.030	72+99	RT																	
EL-7	P.031	90+10	LT																	
EL-8	P.031	90+63	LT																	
ELT-3	P.031	85+33	LT																	
ELT-4	P.031	85+60	LT																	
CL-3	P.027	50+03	LT																	
CL-3	P.030	72+99	LT																	
CL-4	P.031	90+22	LT																	
CLT-2	P.031	85+47	LT																	
CH-5	P.030	81+18	LT																	
IA-33	P.027	51+40	RT																	
IA-34	P.028	58+49	RT																	
IA-35	P.028	59+92	RT																	
IA-36	P.029	63+58	RT																	
IA-37	P.029	64+99	RT																	
IA-38	P.029	65+44	RT																	
IA-39	P.029	67+82	RT																	
IA-40	P.029	70+52	RT																	
IA-41	P.029	71+82	RT																	
IA-42	P.030	91+32	LT																	
IA-43	P.031	82+89	LT																	
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>																				
				2.34	1.17	65		233	25	1620	0.19	0.09		34	34					

MAINTENANCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 DP  
 REVIEWER  
 DKI 08/28/24  
 PROJECT ID  
 109072  
 SUBSET TOTAL  
 0 0  
 SHEET TOTAL  
 P.055 208


REF NO.	SHEET NO.	STATION TO STATION	SIDE	614	614	614	614	614	614	622	614	614	614	614						
				WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	PORTABLE BARRIER, UNANCHORED	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	BARRIER REFLECTOR TYPE 1, 1WAY	OBJECT MARKER, TWO WAY						
				MILE	MILE	FT	FT	FT	EACH	FT	MILE	MILE	EACH	EACH						
PHASE 2 STEP 1																				
IA-44	P.032	99+81	RT						1				132	132						
IA-45	P.032	101+79	RT						1											
IA-46	P.033	103+96	RT						1											
IA-47	P.033	105+25	RT						1											
IA-48	P.033	106+49	RT						1											
IA-49	P.033	107+55	RT						1											
IA-50	P.033	108+55	RT						1											
IA-51	P.033	109+83	RT						1											
IA-52	P.034	116+04	RT						1											
PCB-20	P.027	51+40				58+49				710										
PCB-21	P.028	59+92			63+58					370										
PCB-22	P.029	64+99			65+44					50										
PCB-23	P.029	67+82			70+52					270										
PCB-24	P.029	71+82			72+99					120										
PCB-24	P.030	72+99			81+32					830										
PCB-25	P.031	82+89			85+08					220										
PCB-26	P.031	91+17			99+81					860										
PCB-27	P.032	101+79			103+96					220										
PCB-28	P.033	105+25			106+49					120										
PCB-29	P.033	107+55			108+55					100										
PCB-30	P.033	109+83			116+04					620										
SL-7	P.030	81+32	LT			12														
SL-8	P.030	81+63	LT		82+28	65														
SL-9	P.031	82+89	LT			12														
SL-10	P.032	93+26	LT			12														
SL-11	P.032	95+15	LT			12														
PHASE 2 STEP 2																				
IA-53	P.036	59+56	RT						1											
IA-54	P.037	63+47	RT						1											
IA-55	P.037	64+48	RT						1											
IA-56	P.037	65+97	RT						1											
IA-57	P.037	67+70	RT						1											
IA-58	P.037	69+72	RT						1											
IA-59	P.038	73+23	LT						1											
IA-60	P.038	76+19	LT						1											
IA-61	P.040	93+26	LT						1											
IA-62	P.040	95+68	LT						1											
IA-63	P.040	100+58	RT						1											
IA-64	P.040	101+92	RT						1											
IA-65	P.041	102+33	RT						1											
IA-66	P.041	104+42	RT						1											
IA-67	P.041	105+81	RT						1											
IA-68	P.041	106+96	RT						1											
IA-69	P.041	107+83	RT						1											
IA-70	P.041	109+06	RT						1											
PCB-31	P.036	58+49			59+56					110										
PCB-32	P.037	63+58			64+48					90										
PCB-33	P.037	65+97			67+70					170										
PCB-34	P.037	70+52			71+82					130										
PCB-35	P.038	80+40			82+89					250										
PCB-36	P.040	90+80			100+58					980										
PCB-37	P.041	104+42			105+25					80										
PCB-38	P.041	106+96			107+56					60										
PCB-39	P.041	109+06			109+83					80										
PHASE 2 STEP 3																				
IA-69	P.042	99+89	RT						1											
IA-70	P.042	101+12	RT						1											
PCB-40	P.042	101+12			101+92					80										
TOTALS CARRIED TO GENERAL SUMMARY						112			29	6520			132	132						

MAINTENANCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 DP  
 REVIEWER  
 DKI 08/28/24  
 PROJECT ID  
 109072  
 SUBSET TOTAL  
 0 0  
 SHEET TOTAL  
 P.056 208

SHEET NUMBER										PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.006	P.007	P.061	P.063	P.064	P.065	P.066	P.176	P.177	OFFICE CALCS	01/STR	02/STR	03/NHS	04/NHS						
										LS		LS		201	11000	LS		ROADWAY CLEARING AND GRUBBING	
			24								21		3	202	20010	24	EACH	HEADWALL REMOVED	
							5,582		34,288	9,814	3,627	24,474	1,955	202	23000	39,870	SY	PAVEMENT REMOVED	
							5,582				3,627		1,955	202	23500	5,582	SY	WEARING COURSE REMOVED	
					266								266	202	30700	266	FT	CONCRETE BARRIER REMOVED	
							948		186	186	948			202	32000	1,134	FT	CURB REMOVED	
					2,211						12.5		2,198.5	202	38000	2,211	FT	GUARDRAIL REMOVED	
					2								2	202	47800	2	EACH	IMPACT ATTENUATOR REMOVED	
					2						2			SPECIAL	20252990	2	EACH	PARKING BLOCK REMOVED	
						4							4	202	53100	4	EACH	MAILBOX REMOVED	
	1										1			202	67000	1	EACH	REGULATED UNDERGROUND STORAGE TANK REMOVED	
					375	259					375		259	202	75000	634	FT	FENCE REMOVED	
					1								1	202	75250	1	EACH	GATE REMOVED	
					12	3					10		5	202	98100	15	EACH	REMOVAL MISC.: PRIVATE SIGN	
											12		1	202	98100	13	EACH	REMOVAL MISC.:LANDSCAPE ROCK	
										11,618				203	10000	11,618	CY	EXCAVATION	
										4,139				203	20000	4,139	CY	EMBANKMENT	
4										23	8	2	15	2	204	45000	27	hour	PROOF ROLLING
										43,966	14,652.5		29,313.5		206	11000	43,966	SY	CURING COAT
										43,966	14,652.5		29,313.5		206	15020	43,966	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
						400								400	209	10001	400	FT	DITCH CLEANOUT, AS PER PLAN
					2,536														
					1						250		2,286	606	15100	2,536	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
					5									1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)
					2						2			3	606	26550	5	EACH	ANCHOR ASSEMBLY, MGS TYPE T
					1									2	606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1
														1	606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2
								2		1		1							
														606	60029	2	EACH	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN, 62 MPH, 90" WIDTH	
										213	106	107		622	10160	213	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	
								4		2	2			622	25000	4	EACH	CONCRETE BARRIER END SECTION, TYPE D	
19										9		10		623	38500	19	EACH	MONUMENT ASSEMBLY, TYPE C	
					4	2													
											3		3	625	75400	6	EACH	LIGHT POLE REMOVED	
													4	SPECIAL	69050100	4	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	
	4													SPECIAL	69065000	15	TON	WORK INVOLVING NON-REGULATED MATERIALS	
	15										15			SPECIAL	69065016	15	TON	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	
	100										100			SPECIAL	69065022	100	GAL	WORK INVOLVING NON-REGULATED WATER	
	100										100			SPECIAL	69065024	100	GAL	WORK INVOLVING REGULATED WATER	

GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 MAH  
 REVIEWER  
 JEL 08/28/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.057 | 208

SHEET NUMBER										PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
P.006	P.007	P.010	P.061	P.062	P.063	P.064	P.185	OFFICE CALCS		01/STR	02/STR	03/NHS	04/NHS							
							4.15				4.15			601	11000	4.15	SY	<b>EROSION CONTROL</b>		
						26							26	601	32100	26	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER		
5			9							5	7		2	601	32200	14	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		
2											1		1	659	00100	2	EACH	SOIL ANALYSIS TEST		
1,865						757					1,582		1,040	659	00300	2,622	CY	TOPSOIL		
16,777											10,604		6,173	659	10000	16,777	SY	SEEDING AND MULCHING		
839											530		309	659	14000	839	SY	REPAIR SEEDING AND MULCHING		
839											530		309	659	15000	839	SY	INTER-SEEDING		
2.26											1.43		0.83	659	20000	2.26	TON	COMMERCIAL FERTILIZER		
3.47											2.19		1.28	659	31000	3.47	ACRE	LIME		
46											29		17	659	35000	46	MGAL	WATER		
151											95		56	659	40000	151	MSF	MOWING		
						5,310					2,124		3,186	670	00500	5,310	SY	SLOPE EROSION PROTECTION		
						947					947			670	00700	947	SY	DITCH EROSION PROTECTION		
						864					355		509	670	00720	864	SY	DITCH EROSION PROTECTION MAT, TYPE B		
								LS		LS				832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN		
								LS		LS				832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS		
								LS		LS				832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE		
								70,000		70,000				832	30000	70,000	EACH	EROSION CONTROL		
							881				68		813	836	10000	881	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	P.007	
																		<b>DRAINAGE</b>		
														202	35100	3,007	FT	PIPE REMOVED, 24" DIAMETER AND UNDER		
						3,007					2,157		850	202	58100	9	EACH	CATCH BASIN REMOVED		
														10	SPECIAL	20270000	10	FT	FILL AND PLUG EXISTING CONDUIT, 12"	P.007
											3.84		3.03	511	46610	6.87	CY	CLASS QC1 CONCRETE, HEADWALL		
						10,330					4,310		6,020	605	11100	10,330	FT	6" SHALLOW PIPE UNDERDRAINS		
						450							450	605	13300	450	FT	6" UNCLASSIFIED PIPE UNDERDRAINS		
						8,730					3,645		5,085	605	14000	8,730	FT	6" BASE PIPE UNDERDRAINS		
											240		284	611	00510	524	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS		
100						337				100	331		6	611	04400	437	FT	12" CONDUIT, TYPE B		
						288							288	611	04400	288	FT	12" CONDUIT, TYPE B, 706.02, CLASS V		
						40					34		6	611	04600	40	FT	12" CONDUIT, TYPE C		
100										100				611	05100	100	FT	12" CONDUIT, TYPE E		
100										100				611	05200	100	FT	12" CONDUIT, TYPE F		
						707					506		201	611	05900	707	FT	15" CONDUIT, TYPE B		
						115							115	611	07400	115	FT	18" CONDUIT, TYPE B		
						77							77	611	07400	77	FT	18" CONDUIT, TYPE B, 706.2, CLASS V		
						71							71	611	08900	71	FT	21" CONDUIT, TYPE B		
						298					87		211	611	10400	298	FT	24" CONDUIT, TYPE B		
						147					147			611	13400	147	FT	30" CONDUIT, TYPE B, 706.02		
						23					23			611	16400	23	FT	36" CONDUIT, TYPE B, 706.02		
						665					665			611	19400	665	FT	42" CONDUIT, TYPE B		
						80					80			611	52302	80	FT	19" X 30" CONDUIT, TYPE B, 706.04, CLASS IV		
						99					99			611	52502	99	FT	24" X 38" CONDUIT, TYPE B, 706.04, CLASS IV		
						64					64			611	52902	64	FT	34" X 53" CONDUIT, TYPE B, 706.04, CLASS IV		
						5					2		3	611	98180	5	EACH	CATCH BASIN, NO. 3A		
						6					3		3	611	98470	6	EACH	CATCH BASIN, NO. 2-2B		
						1					1			611	98570	1	EACH	CATCH BASIN, NO. 2-5		
						2					2			611	98630	2	EACH	CATCH BASIN ADJUSTED TO GRADE		
						11					9		2	611	99574	11	EACH	MANHOLE, NO. 3		
						6					1		5	611	99654	6	EACH	MANHOLE ADJUSTED TO GRADE		
											3		8	611	99710	11	EACH	PRECAST REINFORCED CONCRETE OUTLET		
														616	10000	50	MGAL	WATER		

GENERAL SUMMARY


DESIGN AGENCY  
  
 DESIGNER MAH  
 REVIEWER JEL 08/28/24  
 PROJECT ID 109072  
 SHEET TOTAL P.058 208





REF NO.	SHEET NO.	STATION TO STATION					601	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611		
		ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	34" X 53" CONDUIT, TYPE B, 706.04, CLASS IV	12" CONDUIT, TYPE B	12" CONDUIT, TYPE B, 706.02, CLASS V	12" CONDUIT, TYPE C	15" CONDUIT, TYPE B	18" CONDUIT, TYPE B	18" CONDUIT, TYPE B, 706.2, CLASS V	21" CONDUIT, TYPE B	24" CONDUIT, TYPE B	19" X 30" CONDUIT, TYPE B, 706.04, CLASS IV	30" CONDUIT, TYPE B, 706.02	36" CONDUIT, TYPE B, 706.02	42" CONDUIT, TYPE B	42" CONDUIT, TYPE B	24" X 38" CONDUIT, TYPE B, 706.04, CLASS IV	CATCH BASIN, NO. 3A	CATCH BASIN, NO. 2-2B	CATCH BASIN, NO. 2-5	CATCH BASIN ADJUSTED TO GRADE	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE				
D-1	P.079	54+48.50	37.50' LT	TO	56+00.28	25.50' LT																					
D-2	P.080	56+00.28	25.50' LT		57+12.91	25.50' LT																					
D-3	P.080	57+12.81	25.50' LT		57+72.77	25.50' LT																					
D-4	P.080	57+72.77	25.50' LT		57+96.83	49.60' RT	1.75																				
D-18	P.080	57+12.91	45.36' LT		57+72.98	44.69' LT																					
D-35	P.080	57+72.98	44.69' LT		57+72.77	25.50' LT																					
D-5	P.082	64+09.51	44.18' RT		66+75.88	38.28' RT																					
D-6	P.082	66+04.16	67.64' RT		66+75.88	38.28' RT																					
D-7	P.082	66+75.88	38.28' RT		69+50.88	39.15' RT																					
D-15	P.082	66+76.72	25.33' RT		66+75.88	38.28' RT																					
D-16	P.082	69+50.88	39.15' RT		72+24.82	40.00' RT																					
D-26	P.082	66+84.98	29.32' LT																								
D-27	P.082	67+09.72	45.32' RT																								
D-28	P.082	67+53.46	43.94' RT																								
D-34	P.082	65+31.00	39.49' LT		66+08.83	31.90' LT																					
D-36	P.082	65+66.14	42.79' LT																								
D-8	P.083	72+24.82	40.00' RT		73+38.88	53.38' RT	3.89																				
D-29	P.088	100+33.08	32.53' RT																								
D-9	P.089	100+86.54	25.50' LT		100+86.42	30.54' LT																					
D-10	P.089	100+86.42	30.54' LT		100+09.82	56.64' LT	1.56																				
D-11	P.089	102+11.16	25.50' LT		100+86.54	25.50' LT																					
D-37	P.089	102+11.16	31.36' LT		100+86.42	30.54' LT																					
D-12	P.089	102+11.16	37.39' LT		102+11.16	25.50' LT																					
D-13	P.089	102+20.00	44.97' RT		102+11.16	25.50' LT																					
D-14	P.089	103+90.02	25.50' LT		102+11.16	25.50' LT																					
D-17	P.089	102+55.82	47.71' RT		102+20.00	45.90' RT																					
D-17	P.089	103+32.37	51.56' RT		102+55.82	47.71' RT																					
D-30	P.089	103+17.55	30.87' RT																								
D-31	P.090	107+16.80	30.01' RT																								
D-32	P.091	111+17.16	29.27' RT																								
D-33	P.091	115+17.23	24.10' RT																								
D-19	P.080	59+91.11	44.75' RT		60+68.90	44.65' RT																					
D-20	P.081	62+05.25	44.47' RT		63+10.86	44.32' RT																					
D-21	P.081	62+57.25	42.65' LT		63+27.50	41.83' LT																					
D-22	P.082	67+52.90	45.27' LT		68+32.81	41.74' LT	1.11																				
D-23	P.089	103+84.98	49.49' RT		104+76.88	47.96' RT																					
D-24	P.090	105+85.00	47.92' RT		107+04.16	45.34' RT																					
D-25	P.090	108+45.45	41.97' RT		109+21.26	40.19' RT																					
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>							9	64	337	288	40	707	115	77	71	298	80	147	23	665	99	5	6	1	2	11	6

**DRAINAGE SUBSUMMARY**

DESIGN AGENCY	
	
DESIGNER	SSH
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SUBSET	0
TOTAL	0
SHEET	P.061
TOTAL	208












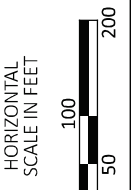
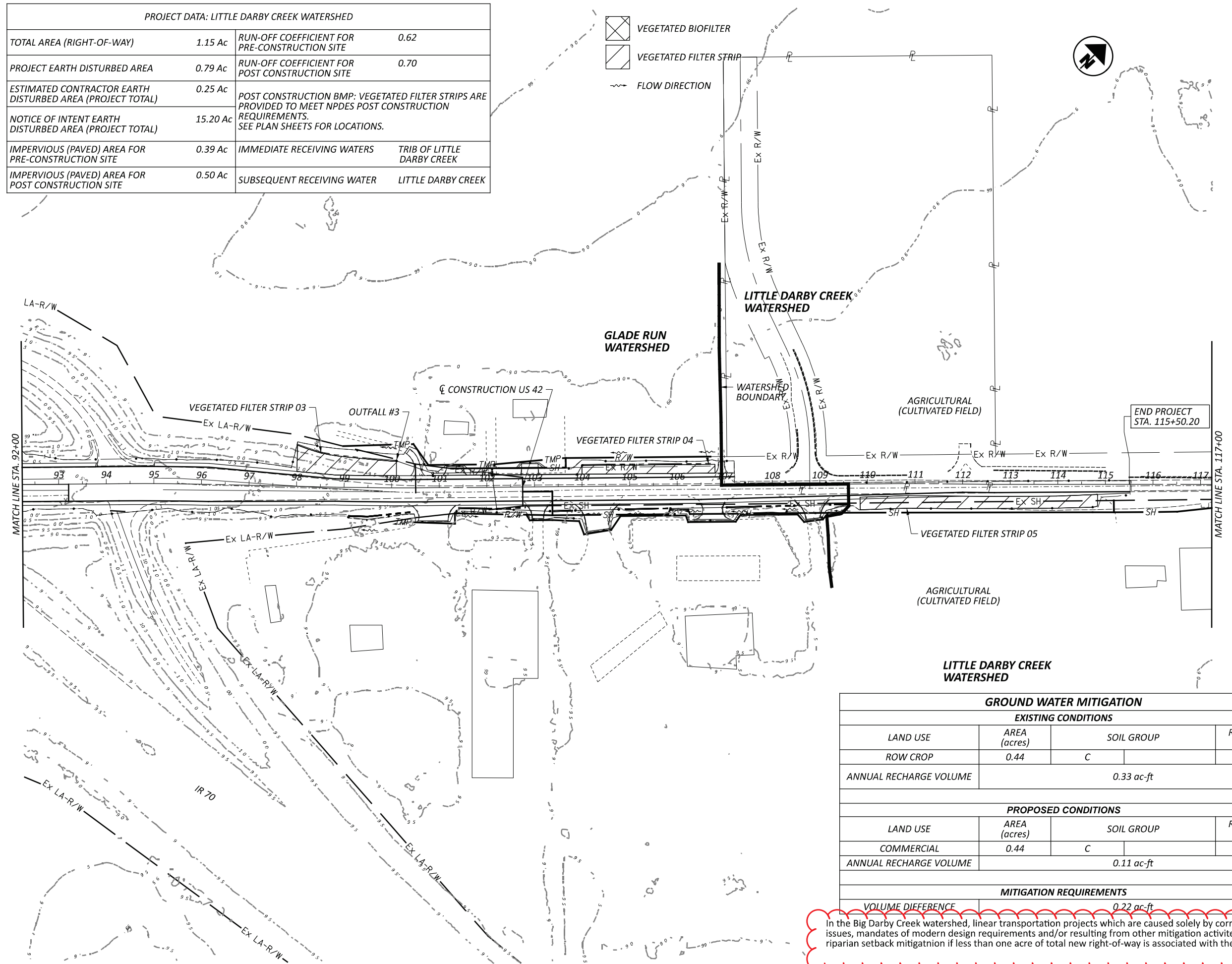






PROJECT DATA: LITTLE DARBY CREEK WATERSHED			
TOTAL AREA (RIGHT-OF-WAY)	1.15 Ac	RUN-OFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.62
PROJECT EARTH DISTURBED AREA	0.79 Ac	RUN-OFF COEFFICIENT FOR POST CONSTRUCTION SITE	0.70
ESTIMATED CONTRACTOR EARTH DISTURBED AREA (PROJECT TOTAL)	0.25 Ac	POST CONSTRUCTION BMP: VEGETATED FILTER STRIPS ARE PROVIDED TO MEET NPDES POST CONSTRUCTION REQUIREMENTS. SEE PLAN SHEETS FOR LOCATIONS.	
NOTICE OF INTENT EARTH DISTURBED AREA (PROJECT TOTAL)	15.20 Ac	IMMEDIATE RECEIVING WATERS	TRIB OF LITTLE DARBY CREEK
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	0.39 Ac	SUBSEQUENT RECEIVING WATER	LITTLE DARBY CREEK
IMPERVIOUS (PAVED) AREA FOR POST CONSTRUCTION SITE	0.50 Ac		

-  VEGETATED BIOFILTER
-  VEGETATED FILTER STRIP
-  FLOW DIRECTION

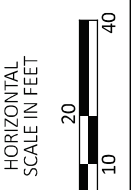
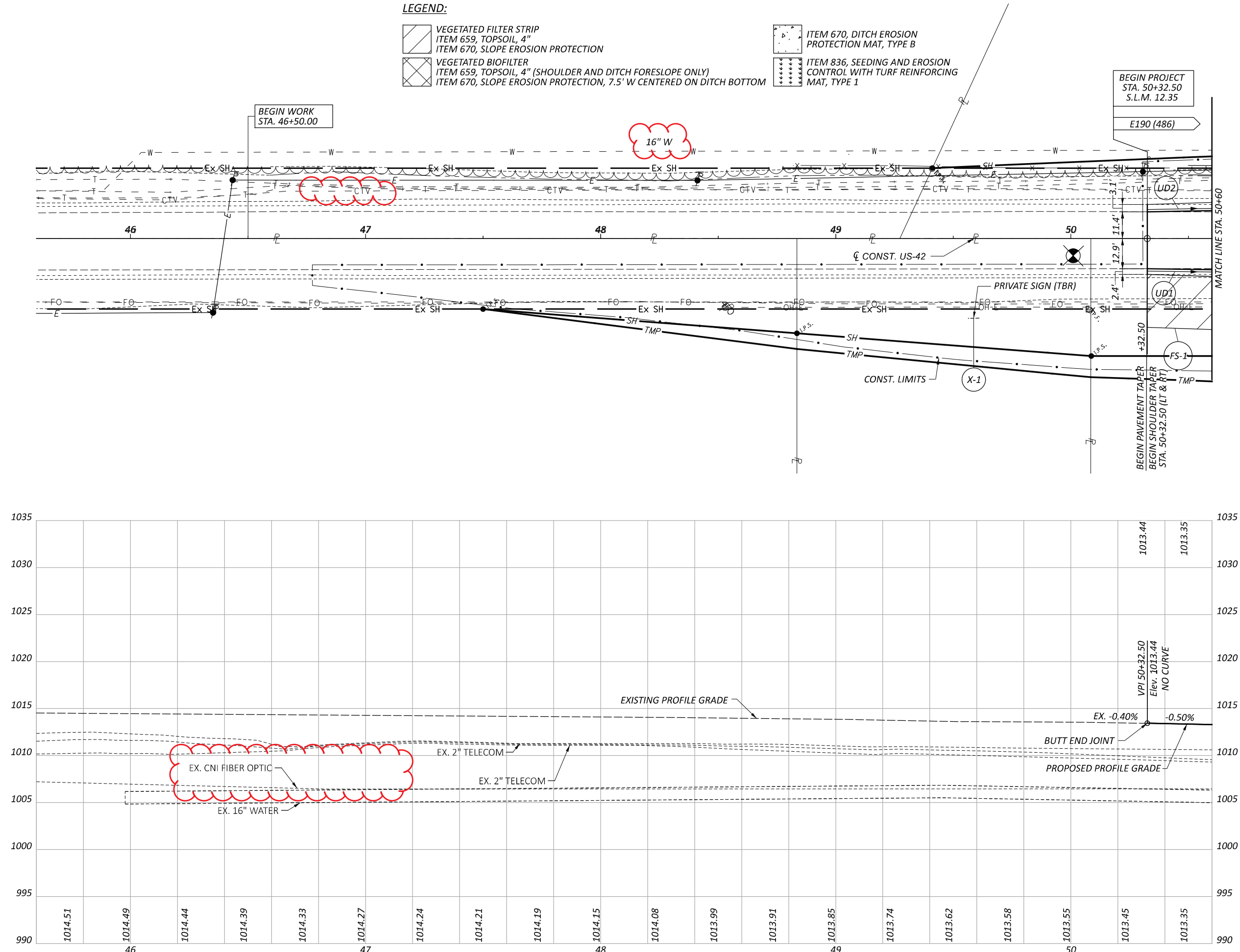


STORMWATER SITE PLAN  
 PLAN 3

GROUND WATER MITIGATION			
EXISTING CONDITIONS			
LAND USE	AREA (acres)	SOIL GROUP	RECHARGE (inches)
ROW CROP	0.44	C	9
ANNUAL RECHARGE VOLUME	0.33 ac-ft		
PROPOSED CONDITIONS			
LAND USE	AREA (acres)	SOIL GROUP	RECHARGE (inches)
COMMERCIAL	0.44	C	2.9
ANNUAL RECHARGE VOLUME	0.11 ac-ft		
MITIGATION REQUIREMENTS			
VOLUME DIFFERENCE	0.22 ac-ft		

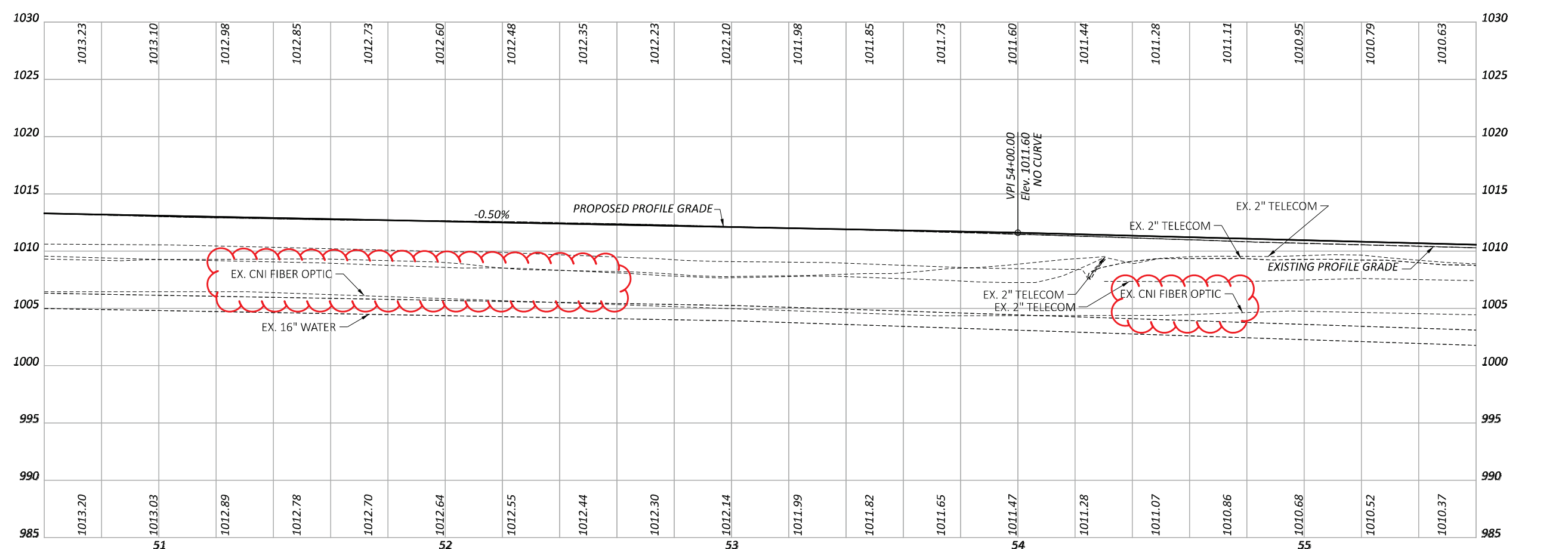
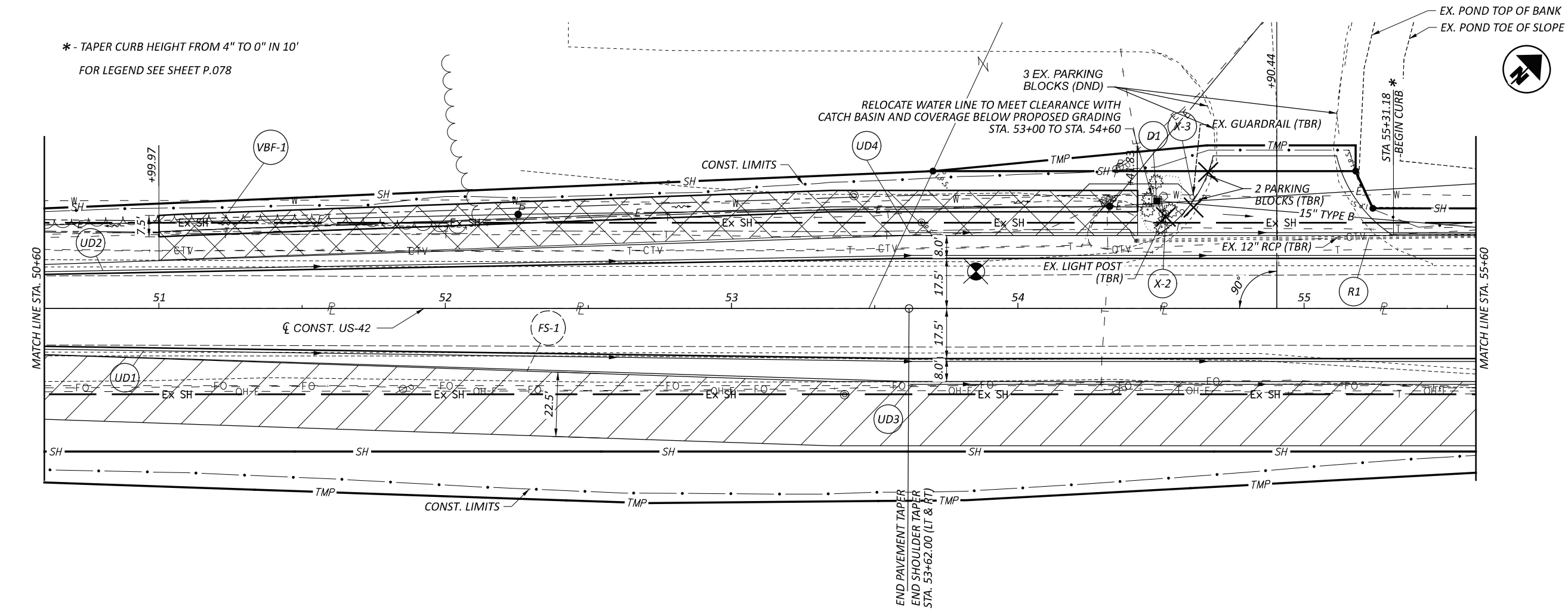
In the Big Darby Creek watershed, linear transportation projects which are caused solely by correcting safety related issues, mandates of modern design requirements and/or resulting from other mitigation activities are exempt from riparian setback mitigation if less than one acre of total new right-of-way is associated with the project.

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.076 208

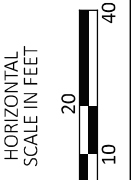


PLAN AND PROFILE - U.S. 42  
 BEGIN WORK TO STA. 50+60

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.078
TOTAL	208

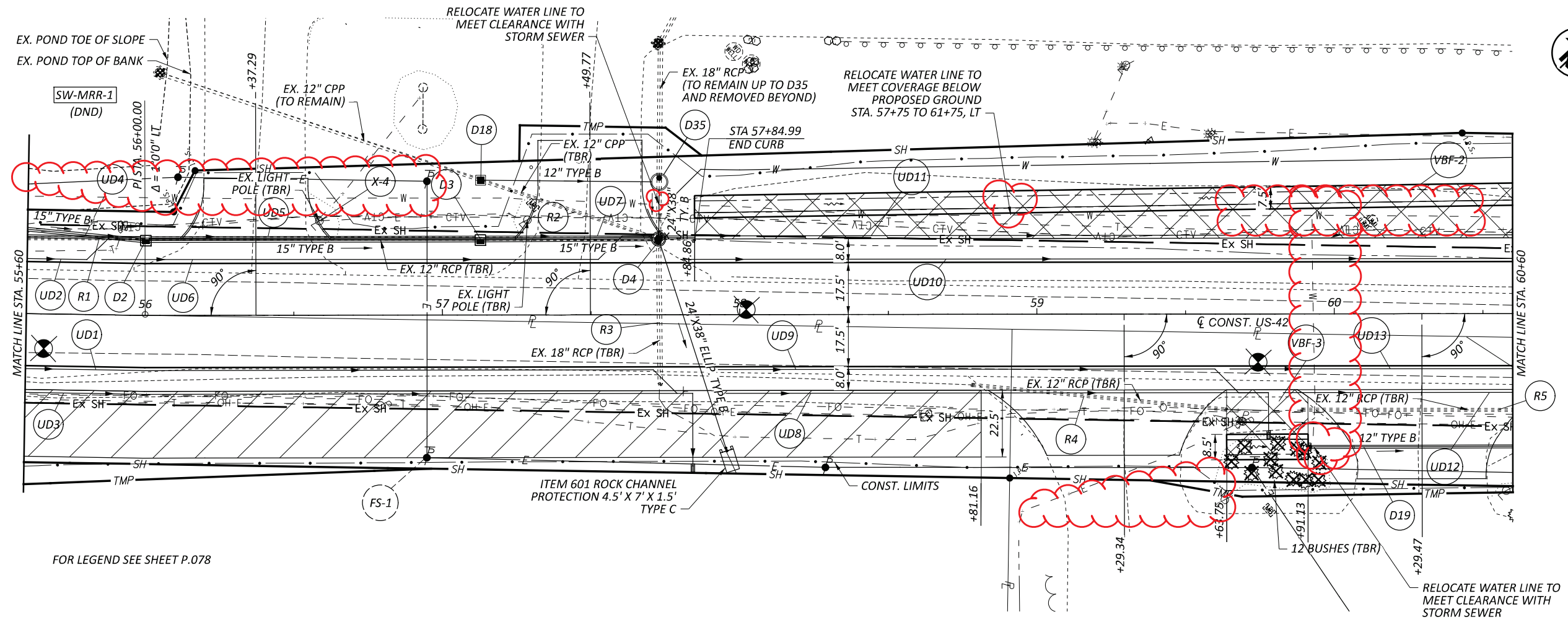


\* - TAPER CURB HEIGHT FROM 4" TO 0" IN 10'  
 FOR LEGEND SEE SHEET P.078

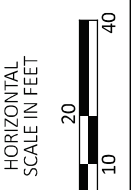
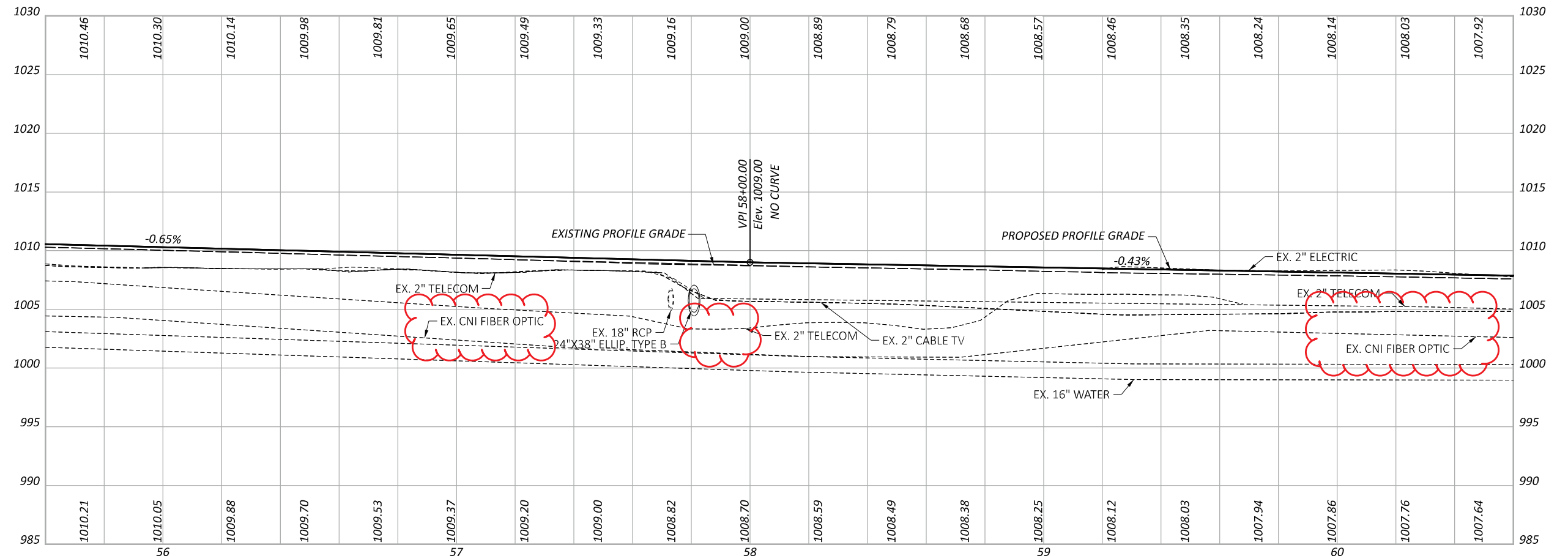


PLAN AND PROFILE - U.S. 42  
 STA. 50+60 TO STA. 55+60

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.079
TOTAL	208



FOR LEGEND SEE SHEET P.078



PLAN AND PROFILE - U.S. 42  
 STA. 55+60 TO STA. 60+60

DESIGN AGENCY  
**TRC**

DESIGNER  
 DSS

REVIEWER  
 JEL 08/26/24

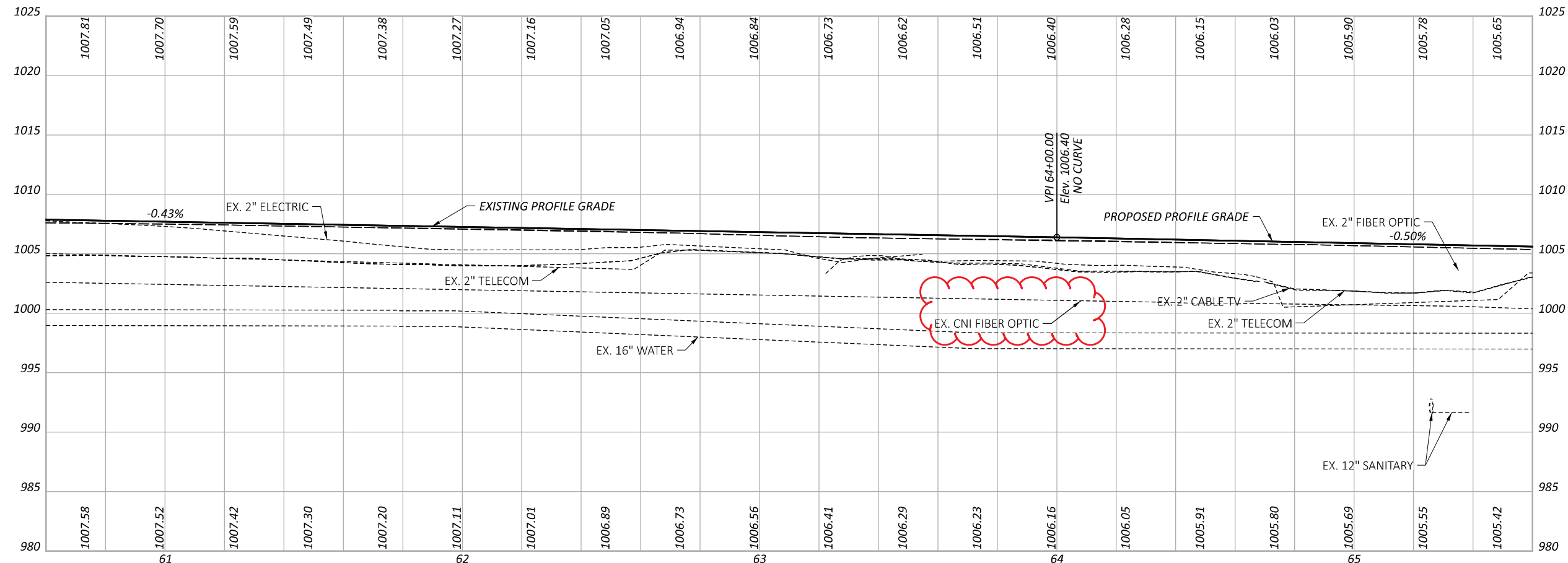
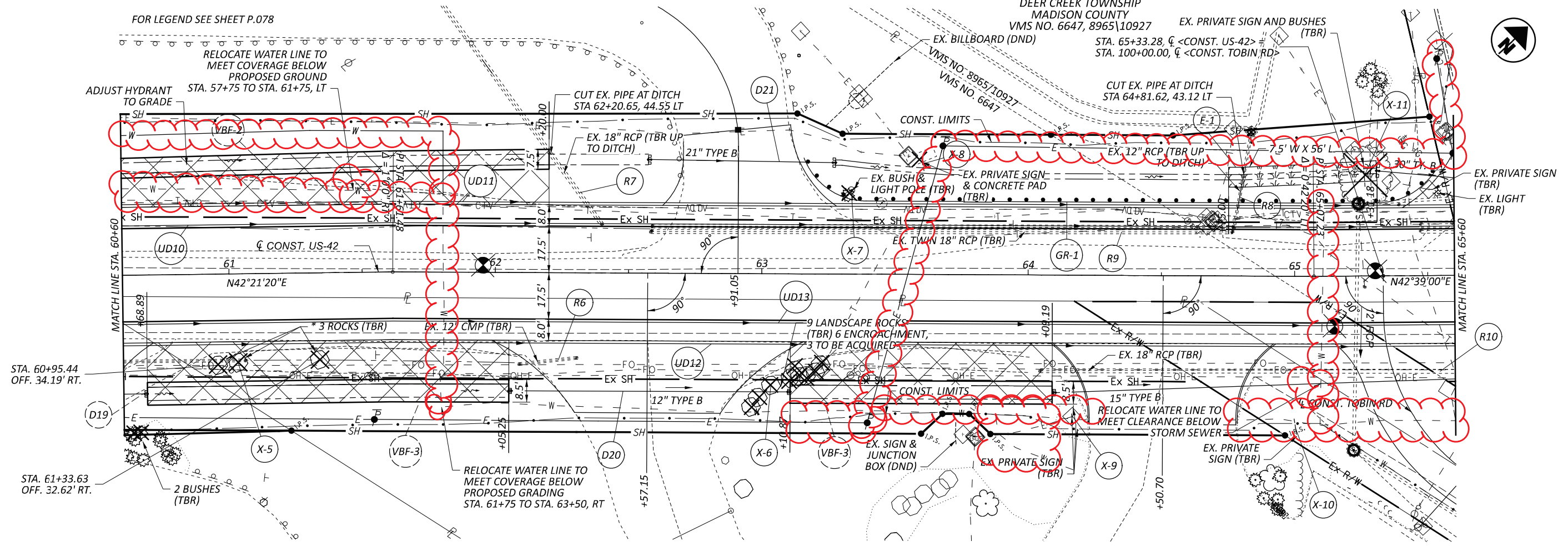
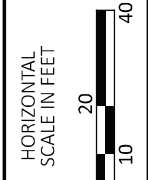
PROJECT ID  
 109072

SHEET TOTAL  
 P.080 208

FOR LEGEND SEE SHEET P.078

MAD-42-12.35  
DEER CREEK TOWNSHIP  
MADISON COUNTY  
VMS NO. 6647, 8965\10927

EX. PRIVATE SIGN AND BUSHES (TBR)  
STA. 65+33.28,  $\zeta$  < CONST. US-42 >  
STA. 100+00.00,  $\zeta$  < CONST. TOBIN RD >



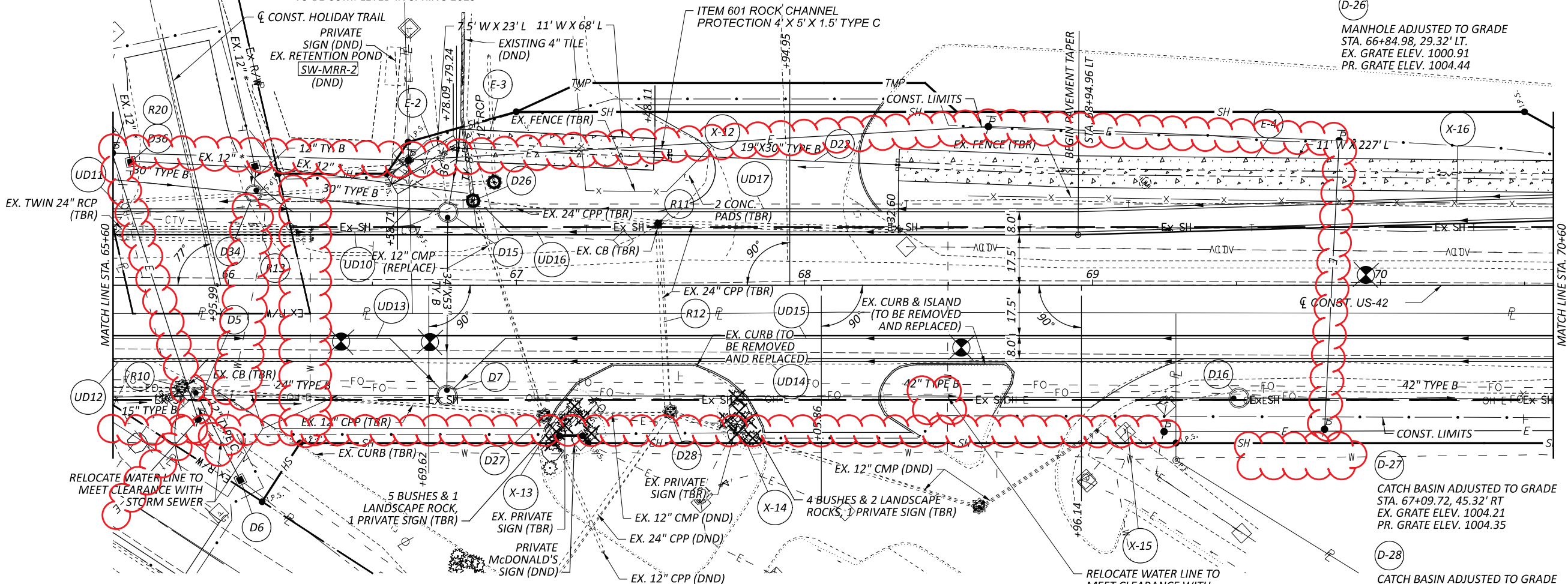
PLAN AND PROFILE - U.S. 42  
STA. 60+60 TO STA. 65+60

DESIGN AGENCY  
**TRC**  
DESIGNER  
DSS  
REVIEWER  
JEL 08/26/24  
PROJECT ID  
109072  
SHEET TOTAL  
P.081 208

FOR LEGEND SEE SHEET P.078

\* EX. 12" PIPES AND CATCH BASIN PROPOSED BY OTHERS TO BE COMPLETED IN SPRING 2025

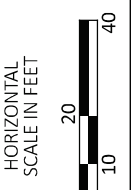
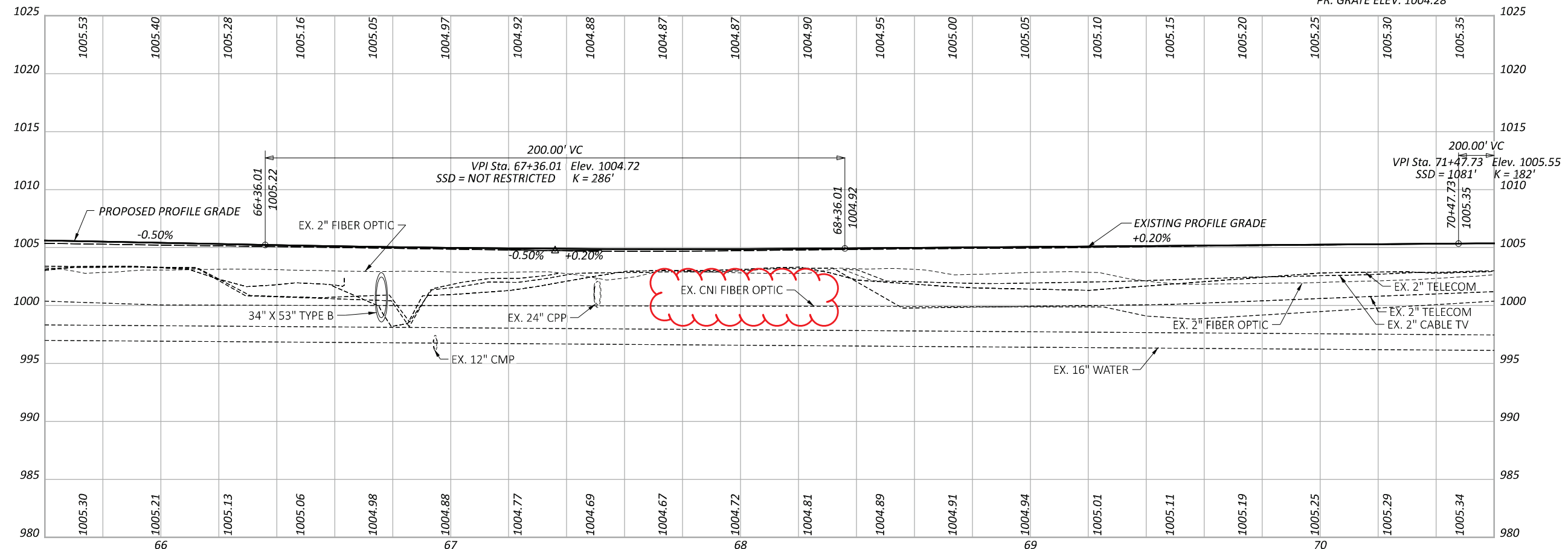
D36 - EXISTING CATCH BASIN TO BE CONVERTED TO MANHOLE



D-26  
 MANHOLE ADJUSTED TO GRADE  
 STA. 66+84.98, 29.32' LT.  
 EX. GRATE ELEV. 1000.91  
 PR. GRATE ELEV. 1004.44

D-27  
 CATCH BASIN ADJUSTED TO GRADE  
 STA. 67+09.72, 45.32' RT  
 EX. GRATE ELEV. 1004.21  
 PR. GRATE ELEV. 1004.35

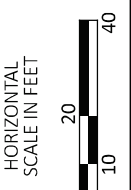
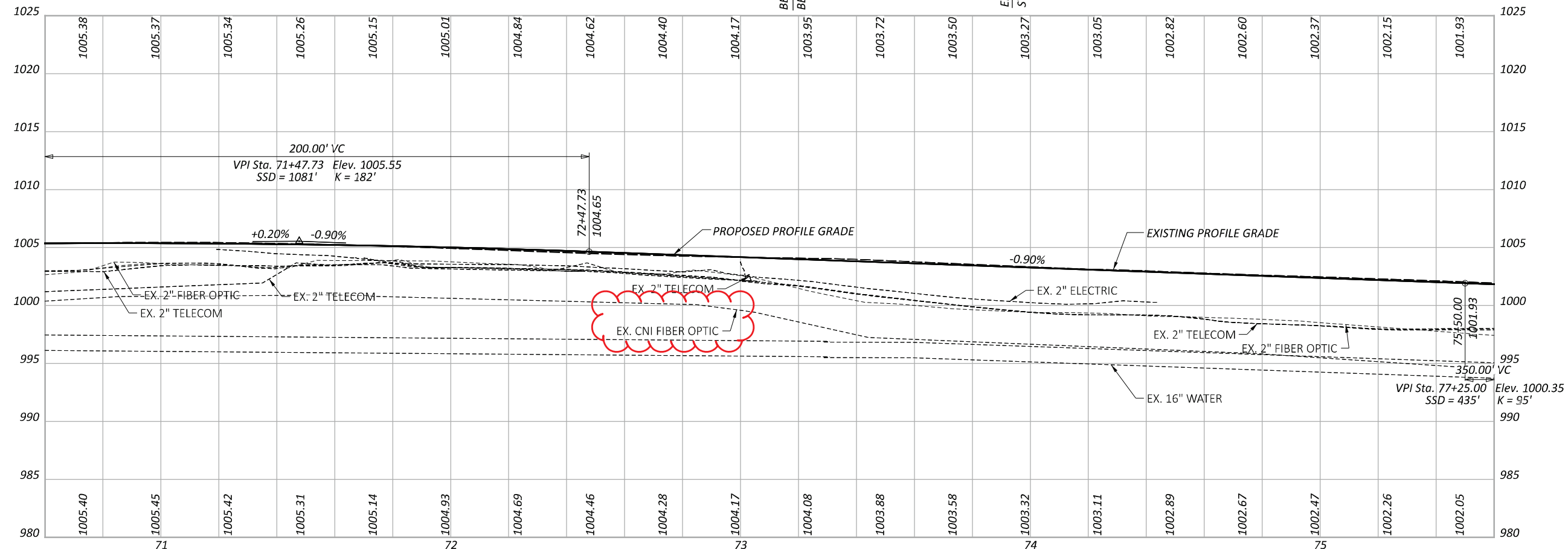
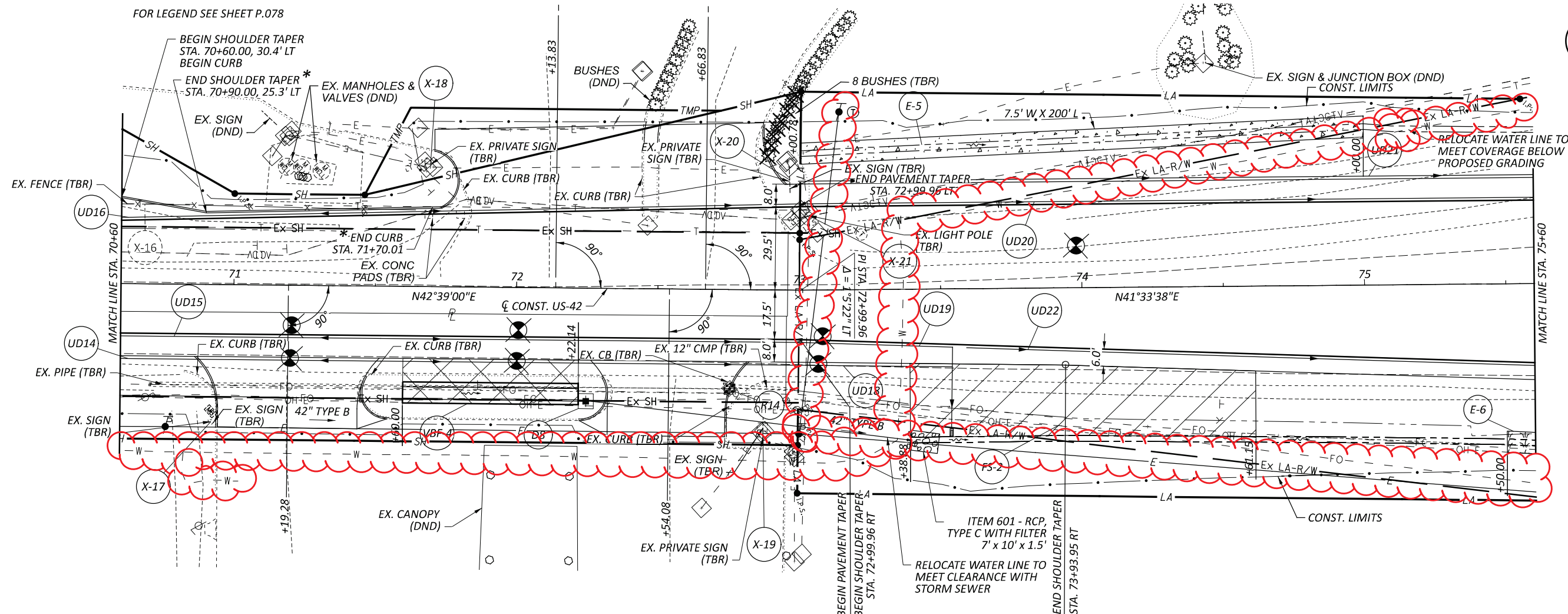
D-28  
 CATCH BASIN ADJUSTED TO GRADE  
 STA. 67+53.46, 43.94' RT  
 EX. GRATE ELEV. 1002.84  
 PR. GRATE ELEV. 1004.28



PLAN AND PROFILE - U.S. 42  
 STA. 65+60 TO STA. 70+60

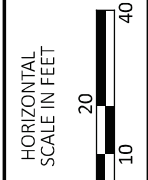
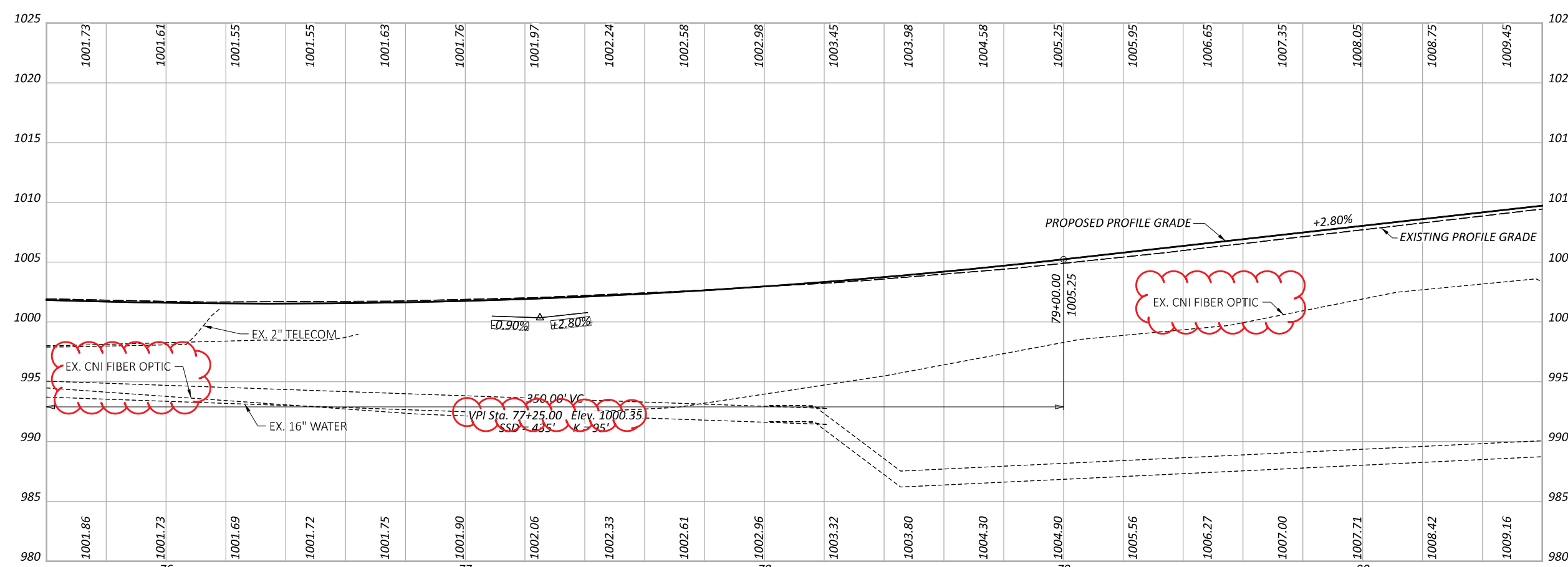
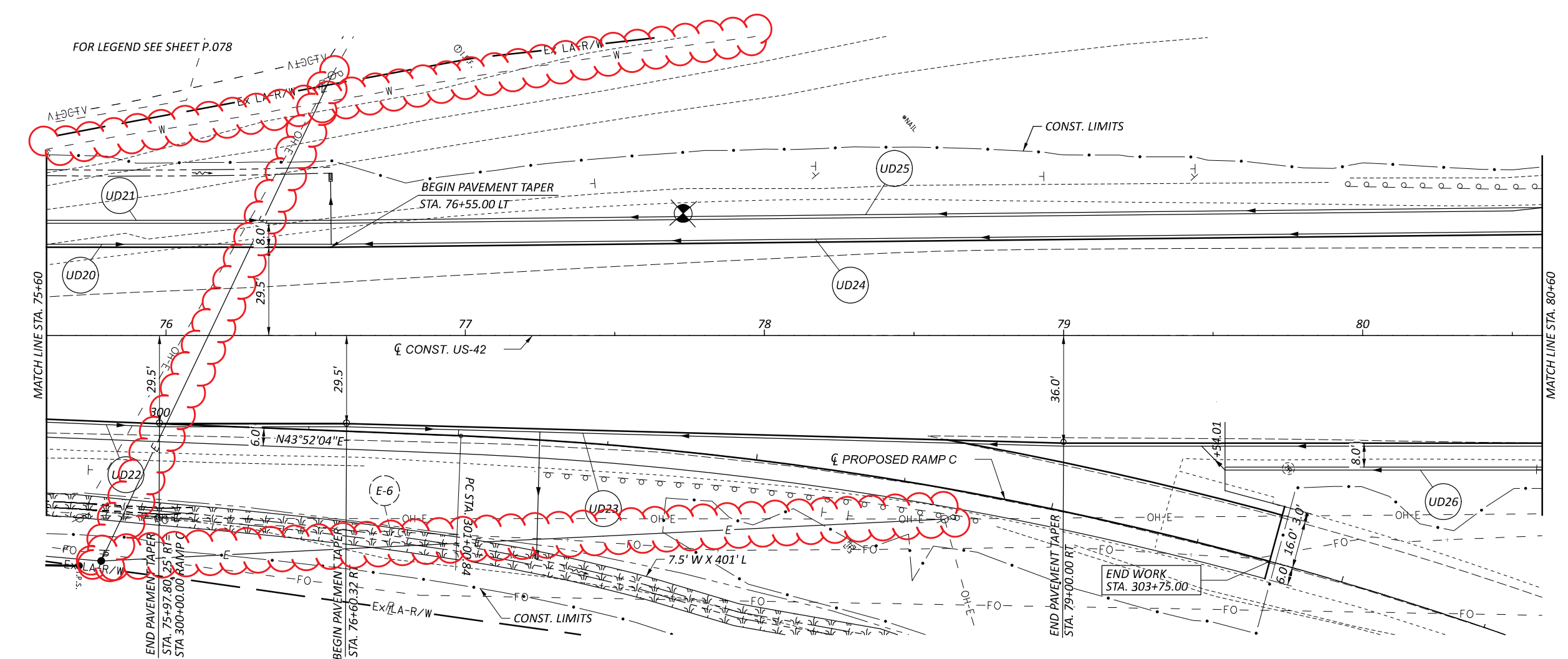
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.082 208

\* - TAPER CURB HEIGHT FROM 4" TO 0" IN 10'  
FOR LEGEND SEE SHEET P.078



PLAN AND PROFILE - U.S. 42  
STA. 70+60 TO STA. 75+60

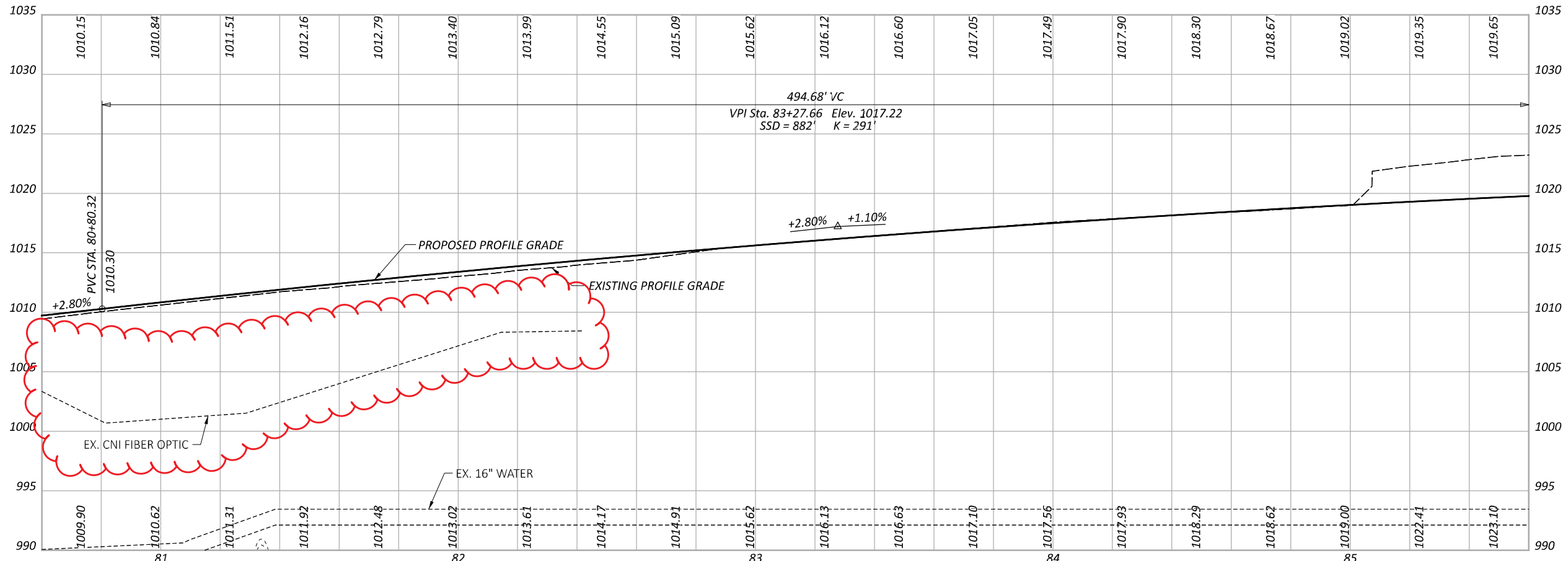
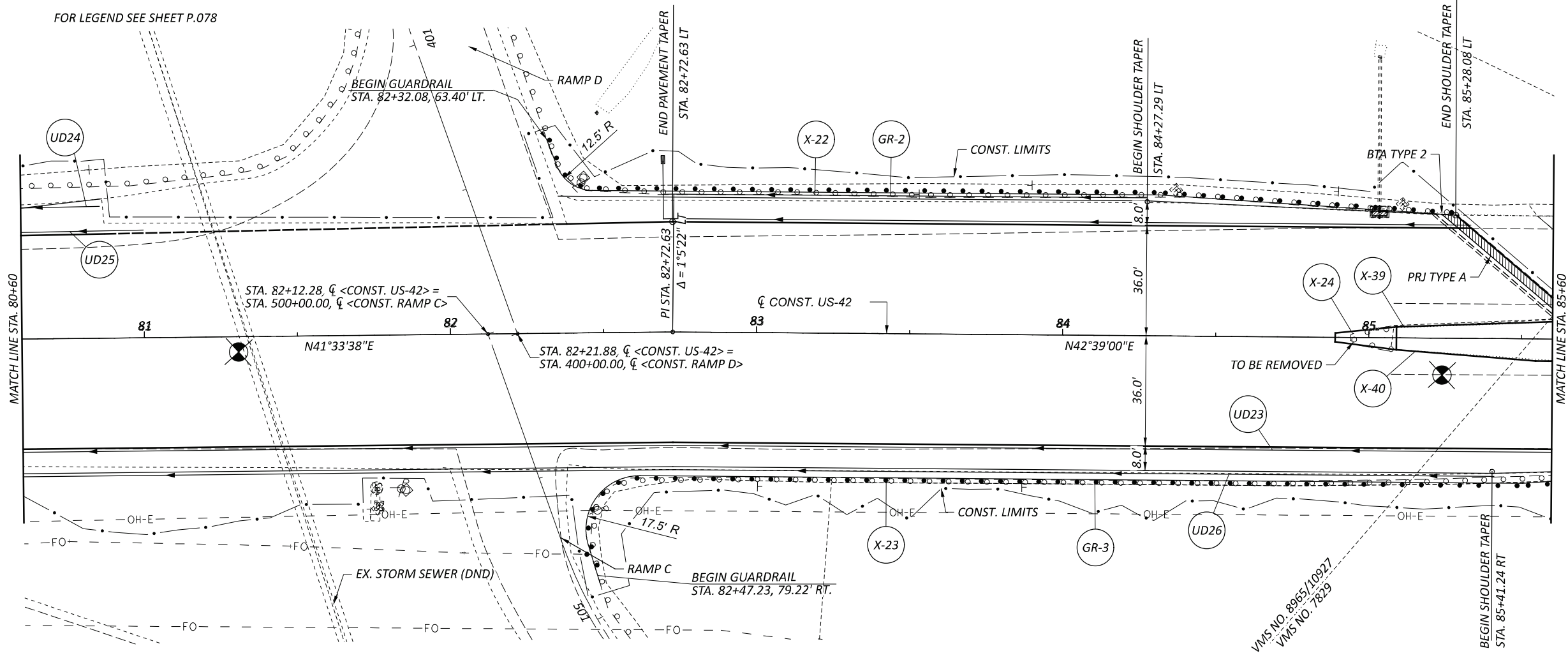
DESIGN AGENCY	TRC
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET TOTAL	P.083 208



PLAN AND PROFILE - U.S. 42  
STA. 75+60 TO STA. 80+60

DESIGN AGENCY	
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET TOTAL	P.084 208

FOR LEGEND SEE SHEET P.078

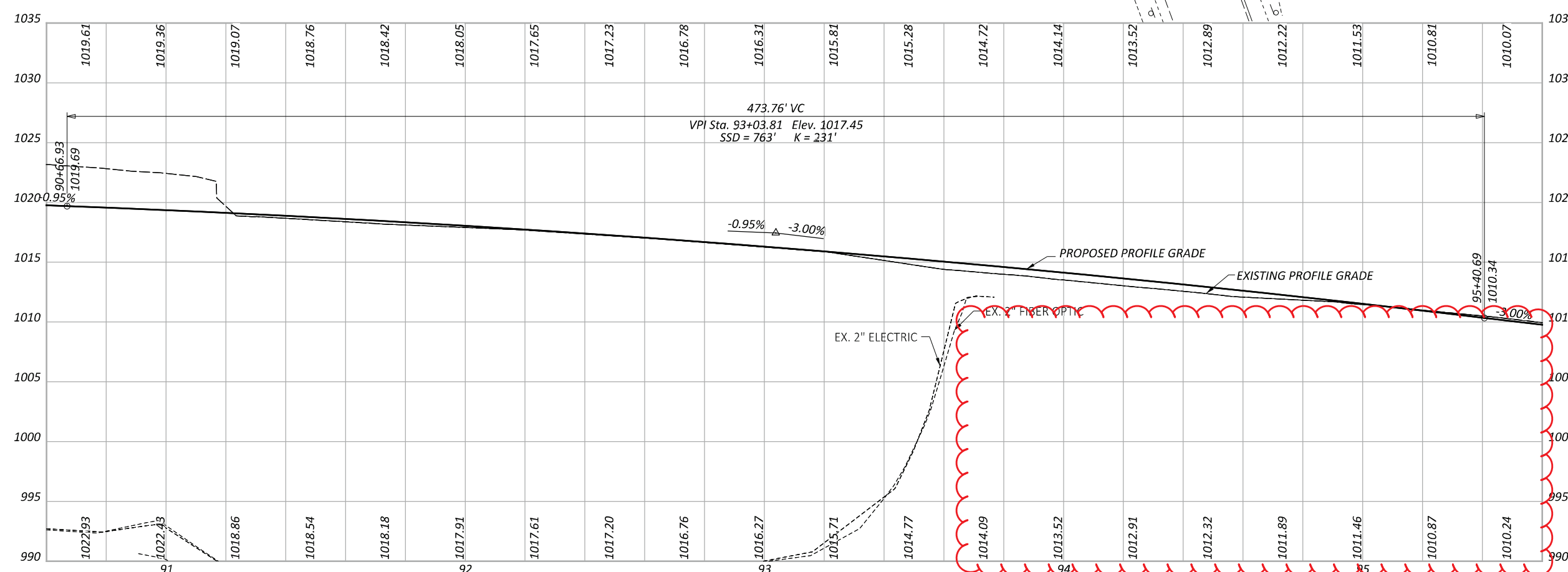
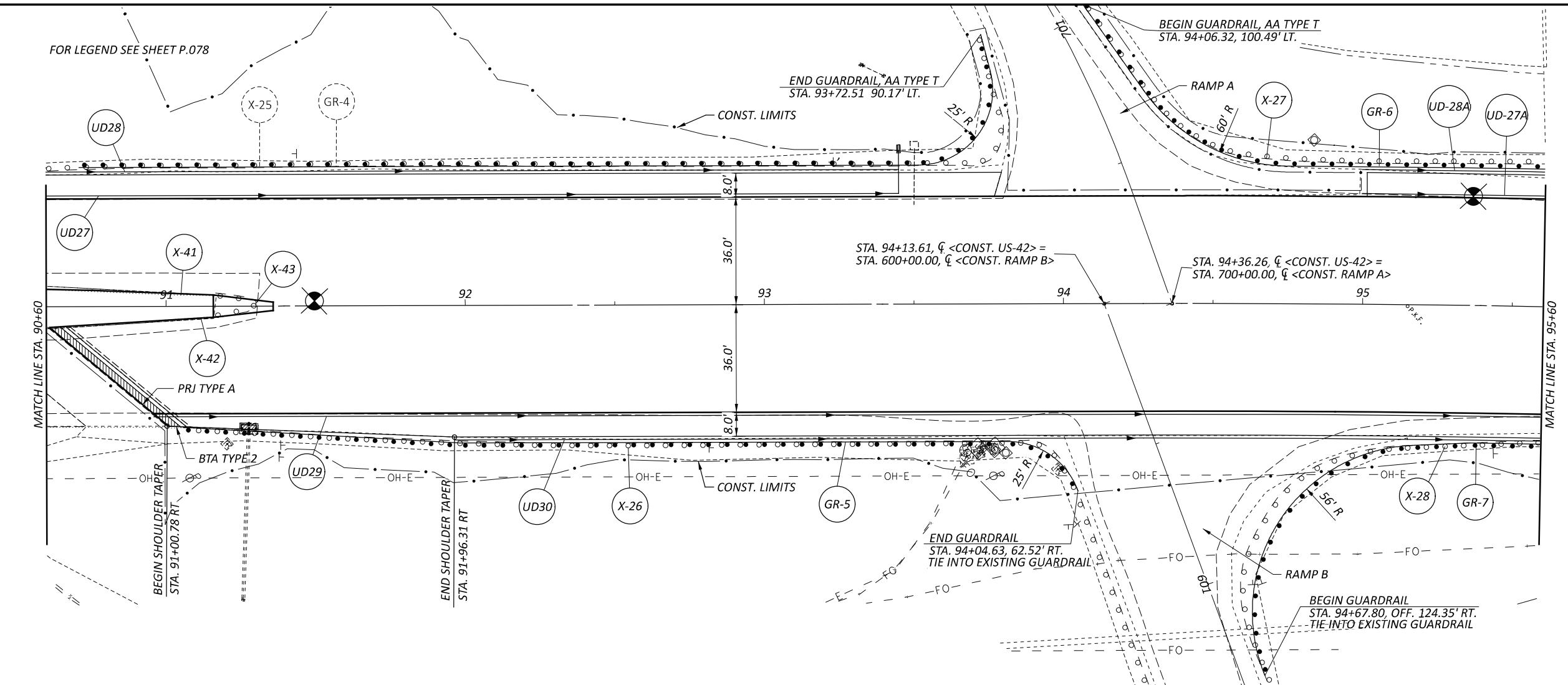


PLAN AND PROFILE - U.S. 42  
 STA. 80+60 TO STA. 85+60

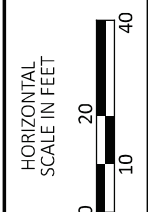
DESIGN AGENCY




DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.085
TOTAL	208

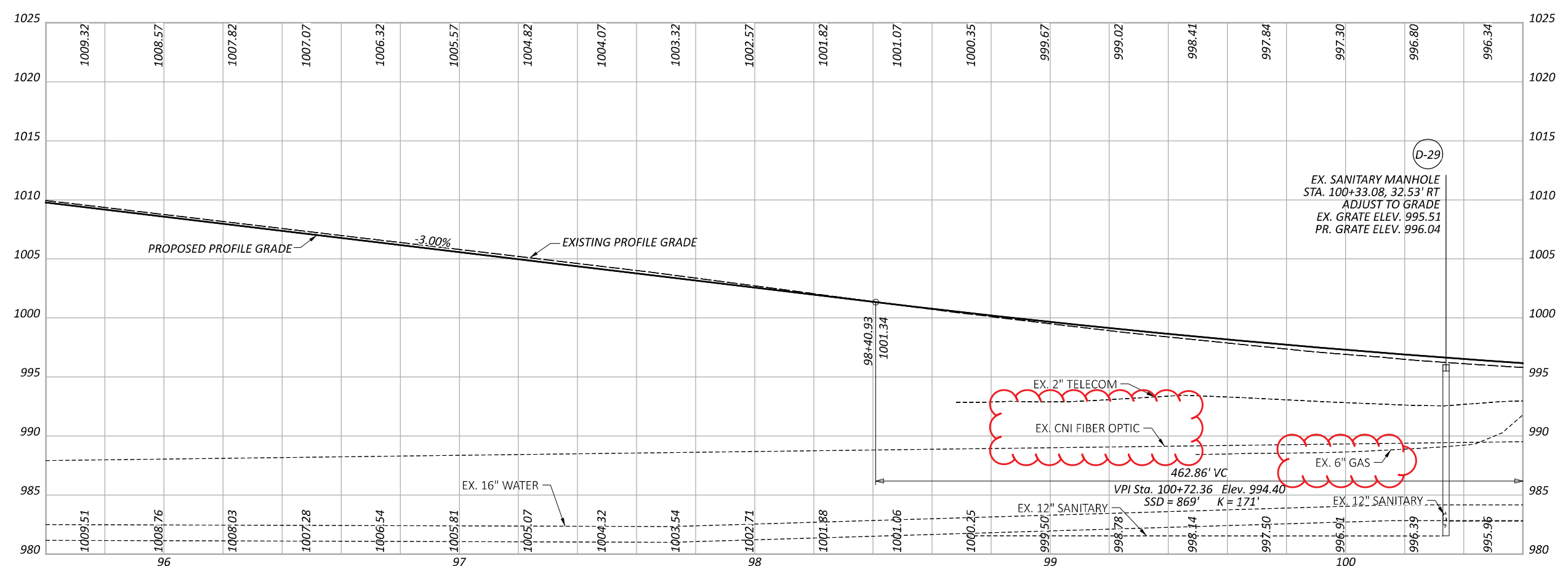
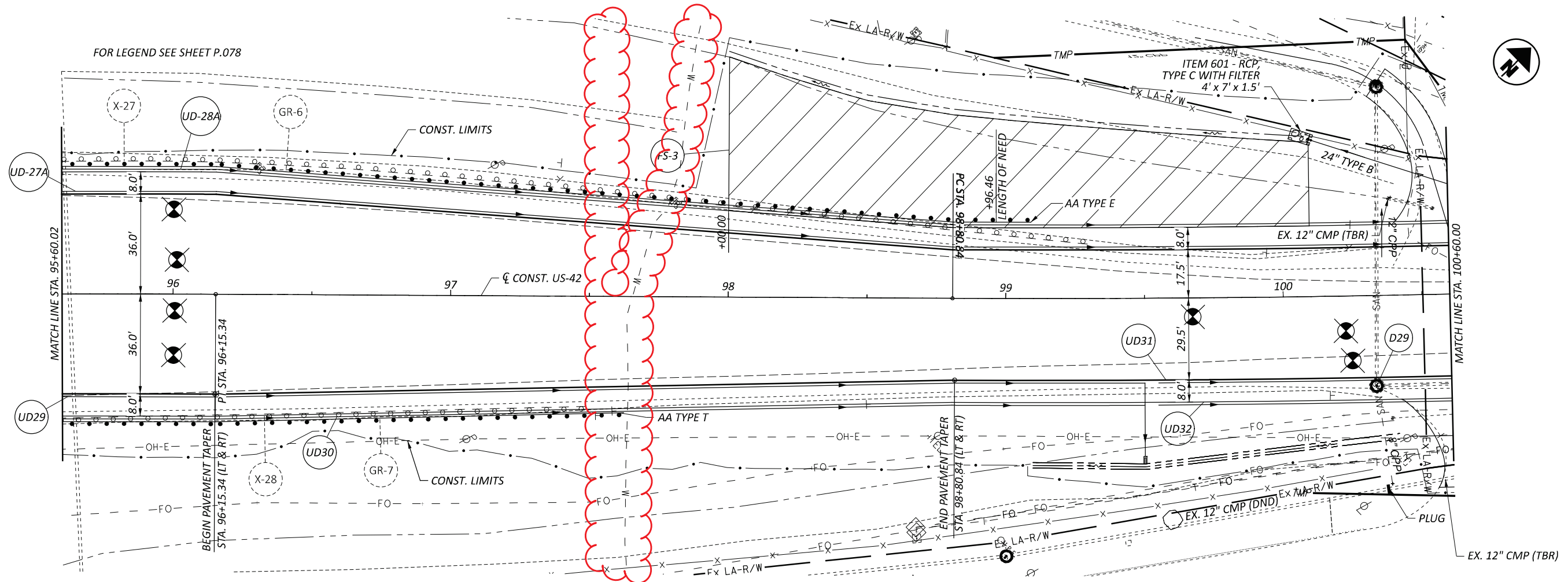


FOR LEGEND SEE SHEET P.078

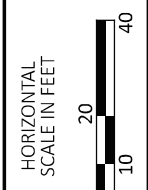


PLAN AND PROFILE - U.S. 42  
 STA. 90+60 TO STA. 95+60

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.087 208

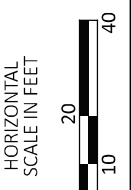
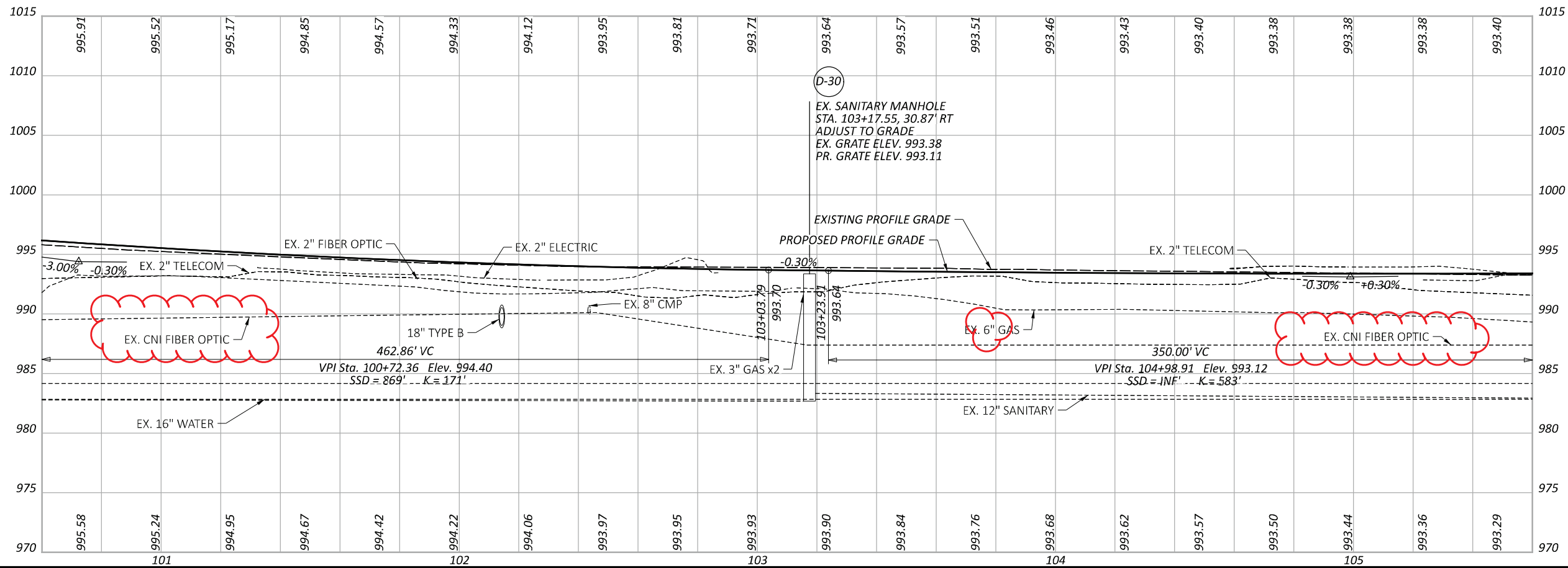
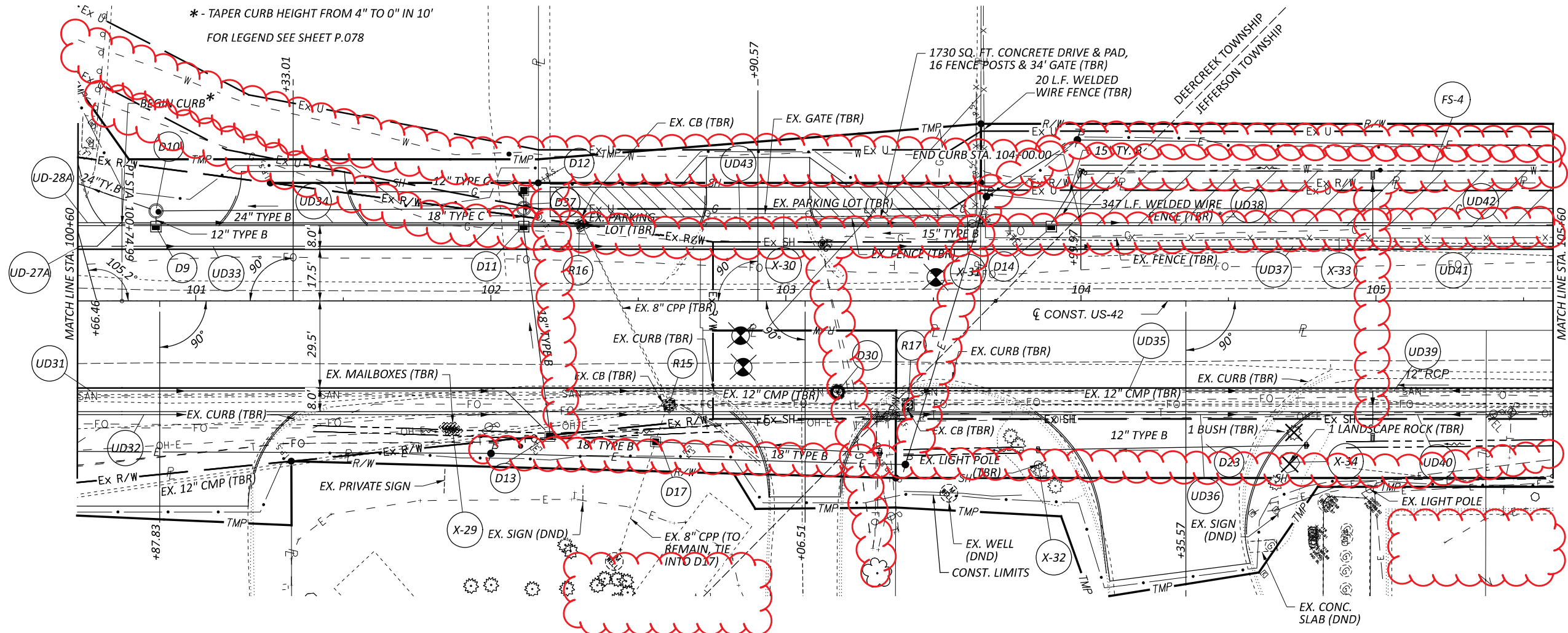


FOR LEGEND SEE SHEET P.078



PLAN AND PROFILE - U.S. 42  
 STA. 95+60 TO STA. 100+60

DESIGN AGENCY	
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.088
TOTAL	208



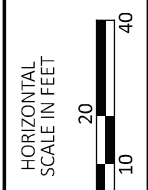
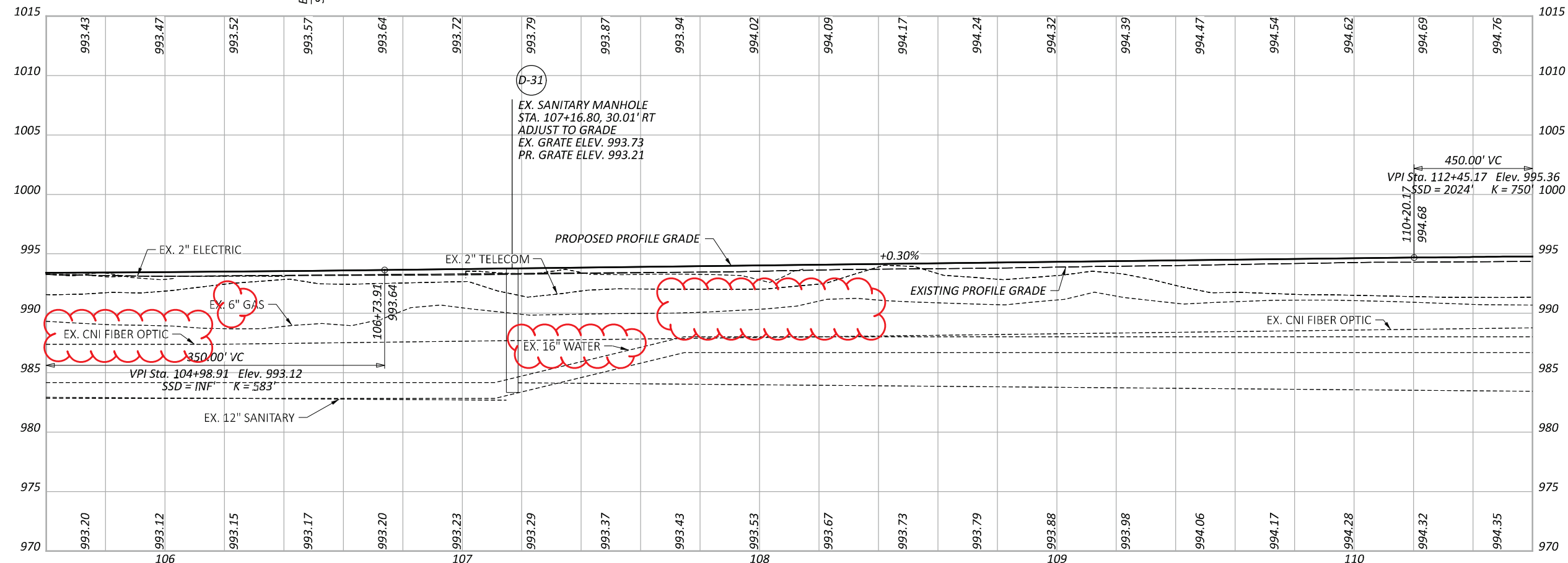
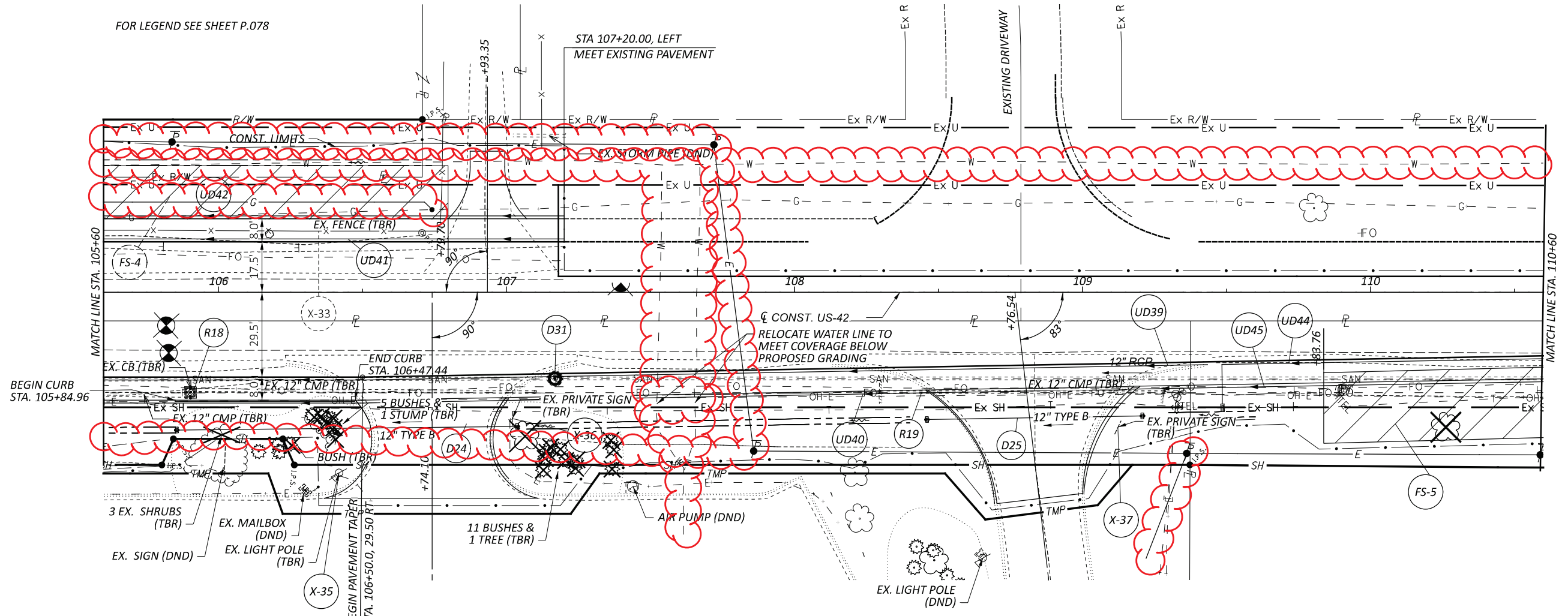
PLAN AND PROFILE - U.S. 42  
 STA. 100+60 TO STA. 105+60

DESIGN AGENCY



DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.089
TOTAL	208

FOR LEGEND SEE SHEET P.078



PLAN AND PROFILE - U.S. 42  
STA. 105+60 TO STA. 110+60

DESIGN AGENCY  
**TRC**

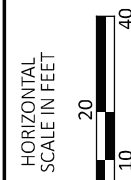
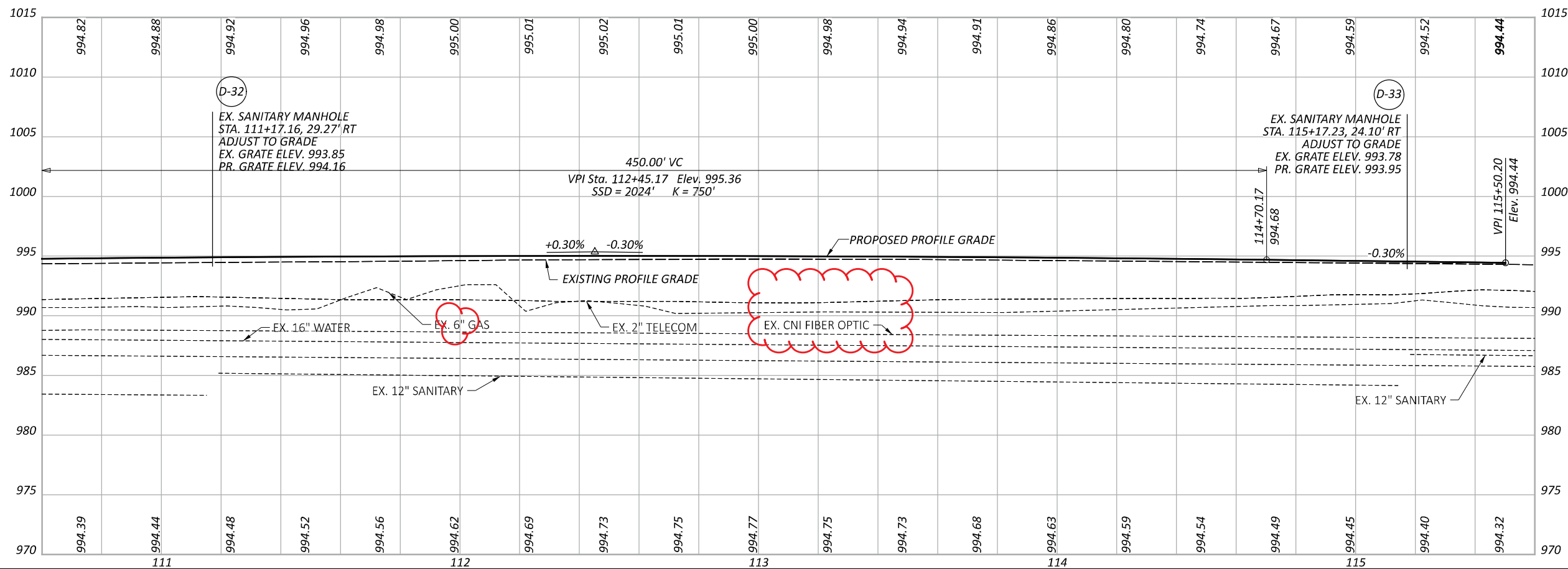
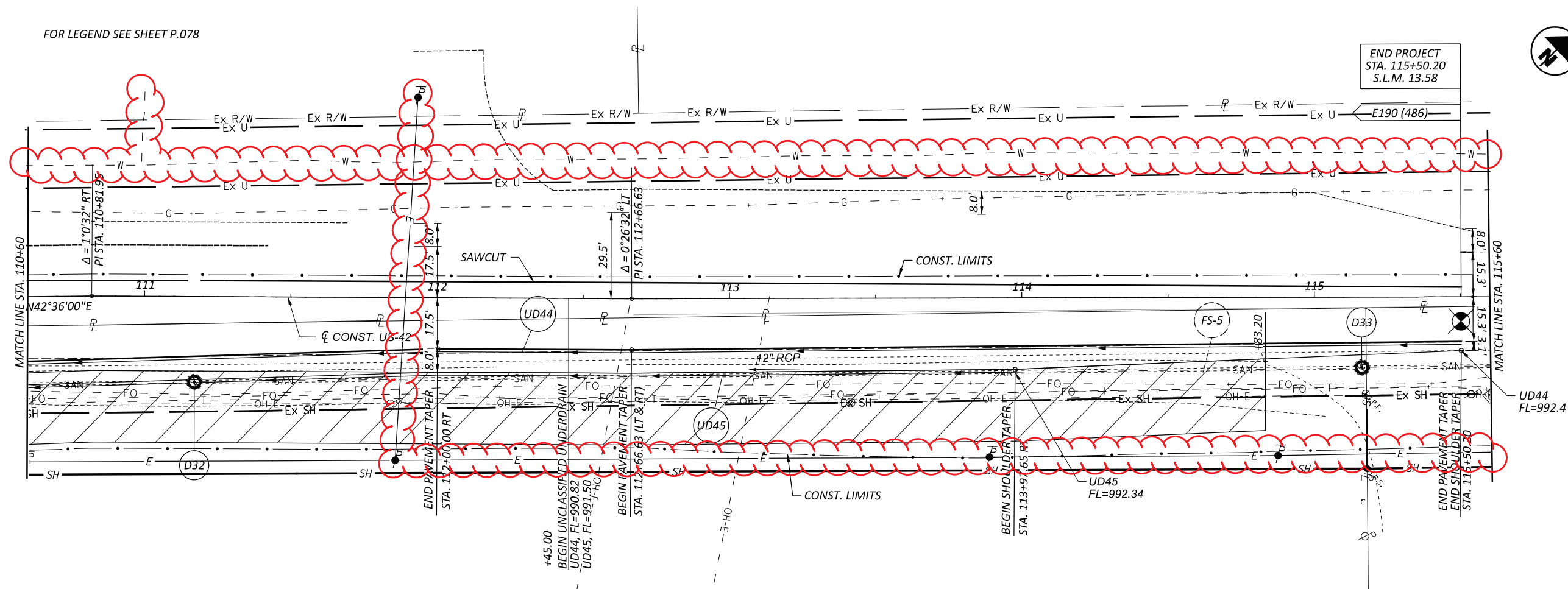
DESIGNER  
DSS

REVIEWER  
JEL 08/26/24

PROJECT ID  
109072

SHEET TOTAL  
P.090 208

FOR LEGEND SEE SHEET P.078

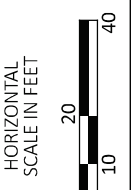
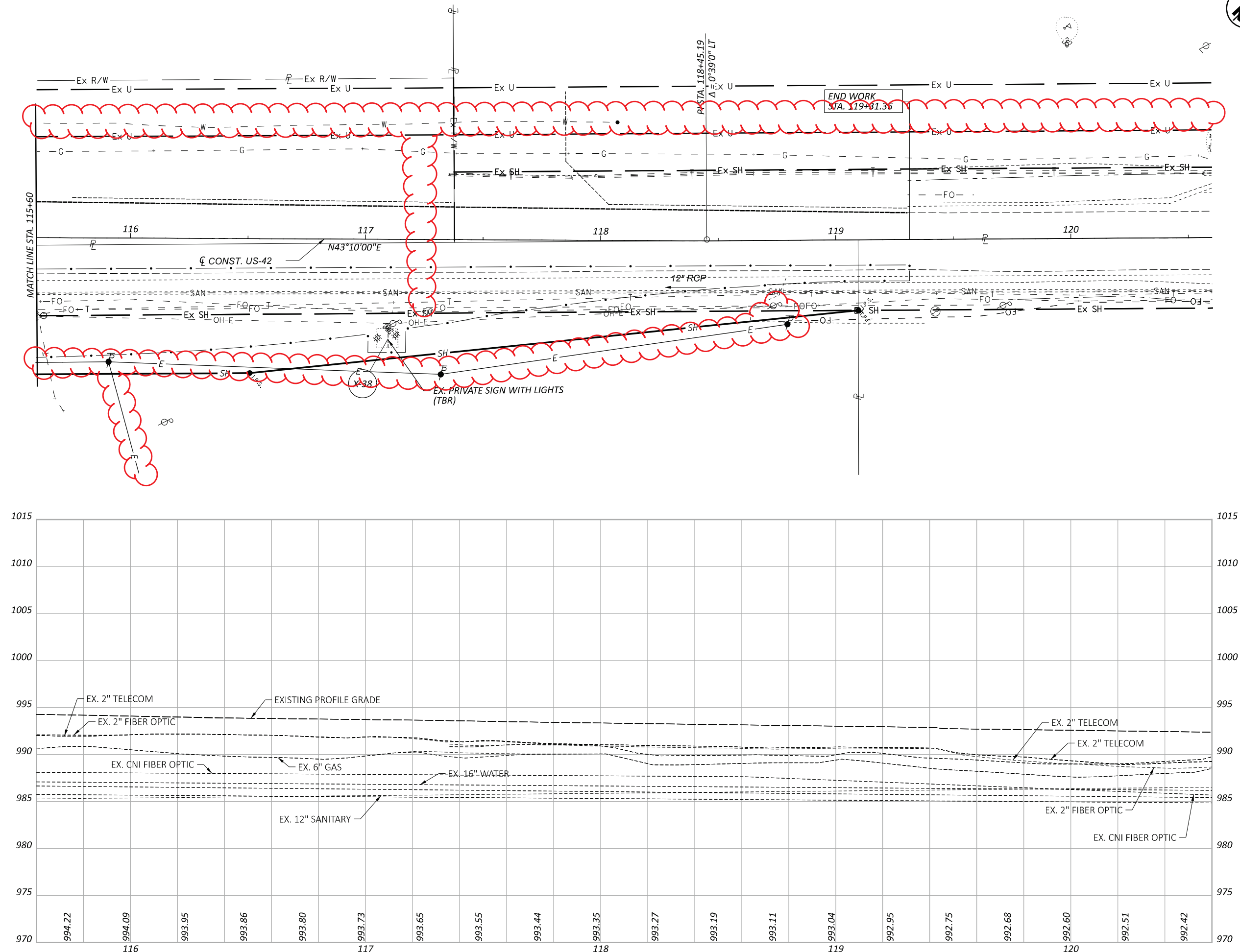


PLAN AND PROFILE - U.S. 42  
 STA. 110+60 TO STA. 115+60

DESIGN AGENCY

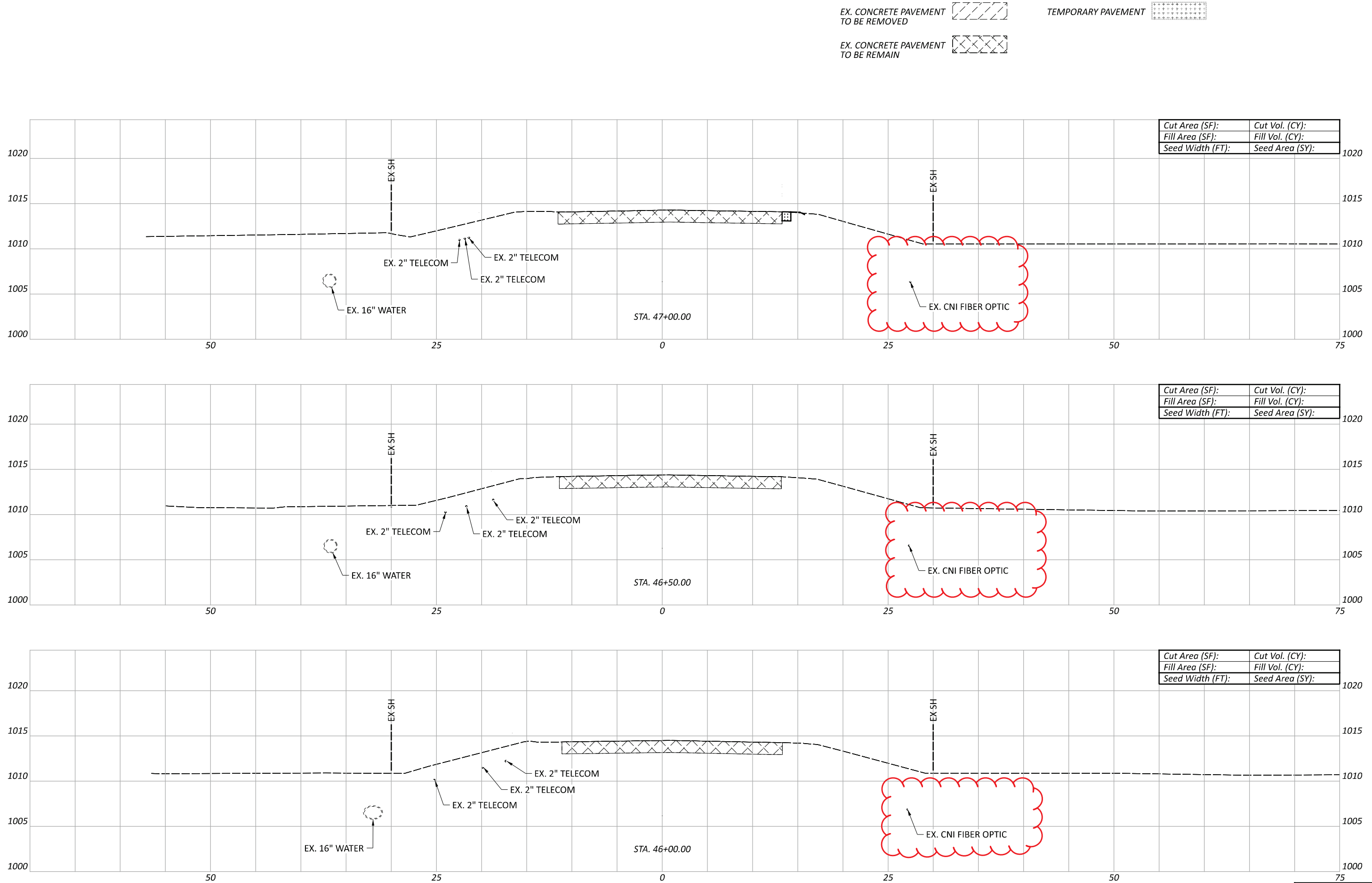



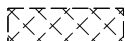
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.091
TOTAL	208



PLAN AND PROFILE - U.S. 42  
 STA. 115+60 TO STA. 120+60

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DSS
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	TOTAL
P.092	208



EX. CONCRETE PAVEMENT TO BE REMOVED   
 EX. CONCRETE PAVEMENT TO BE REMAIN 

TEMPORARY PAVEMENT 

Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

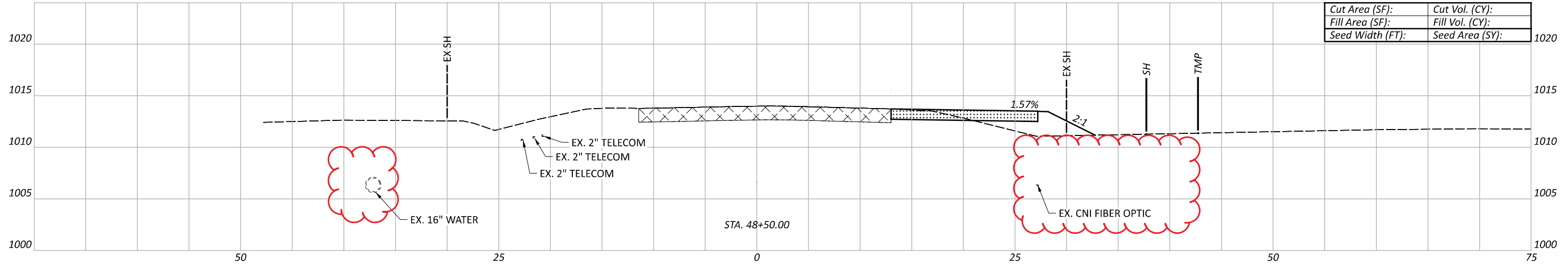
Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

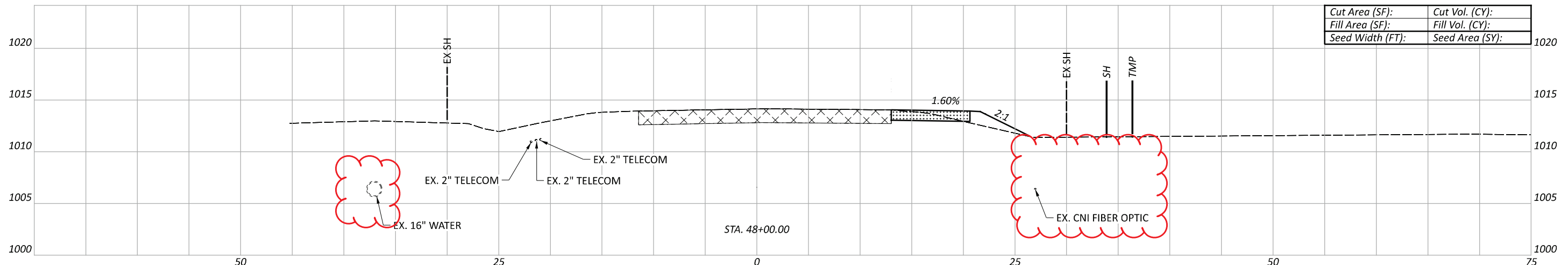
Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
			P.095	208

CROSS SECTIONS - U.S. 42  
 STA. 46+00 TO STA. 47+50

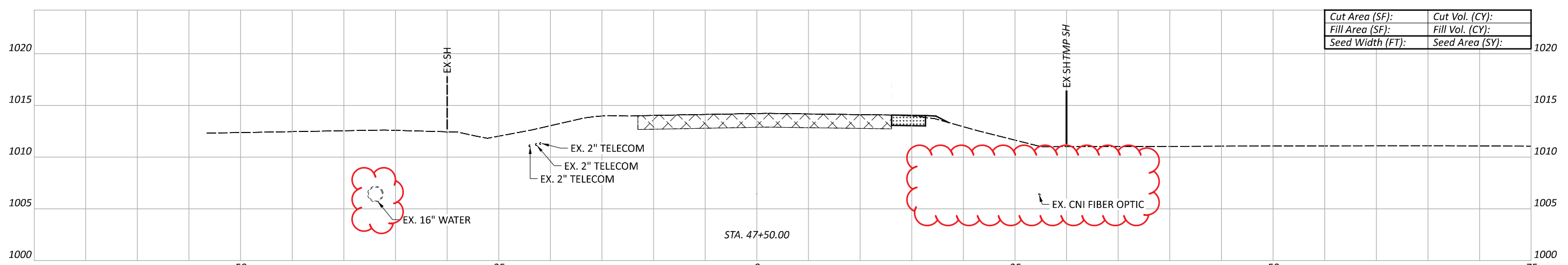
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072



Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):



Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

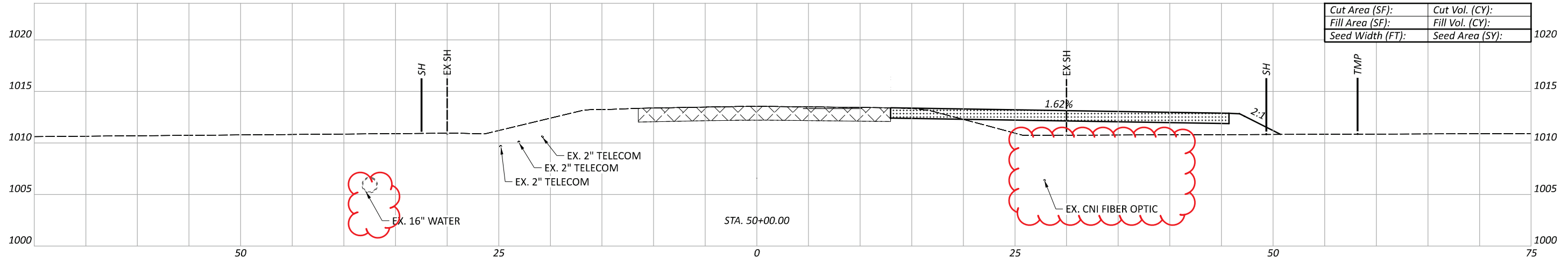


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Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

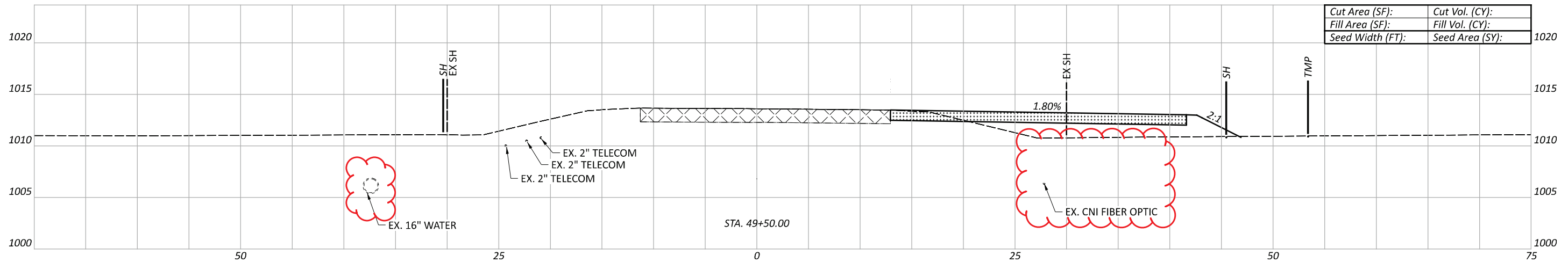
Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
			P.096	208

CROSS SECTIONS - U.S. 42  
 STA. 47+50 TO STA. 49+00

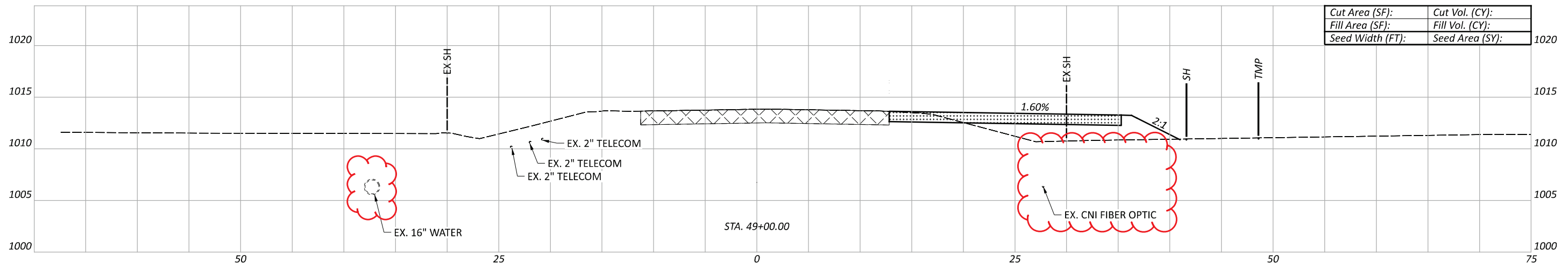
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET  
 P.096  
 TOTAL  
 208



Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):




Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

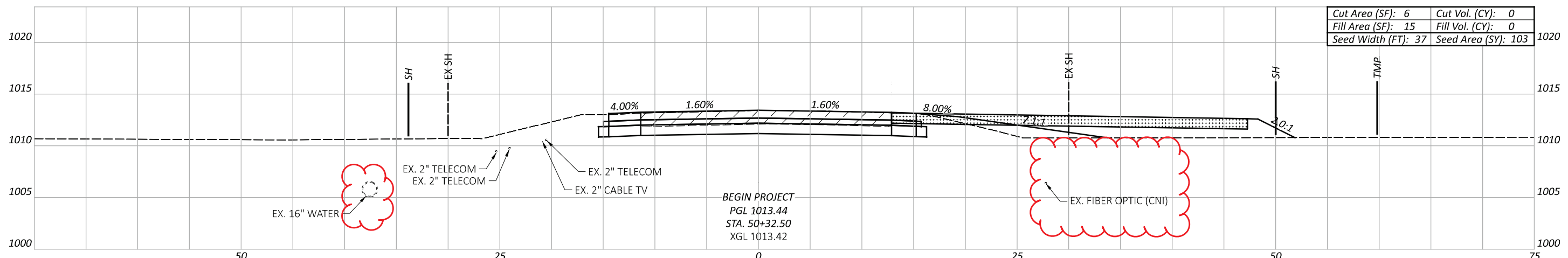
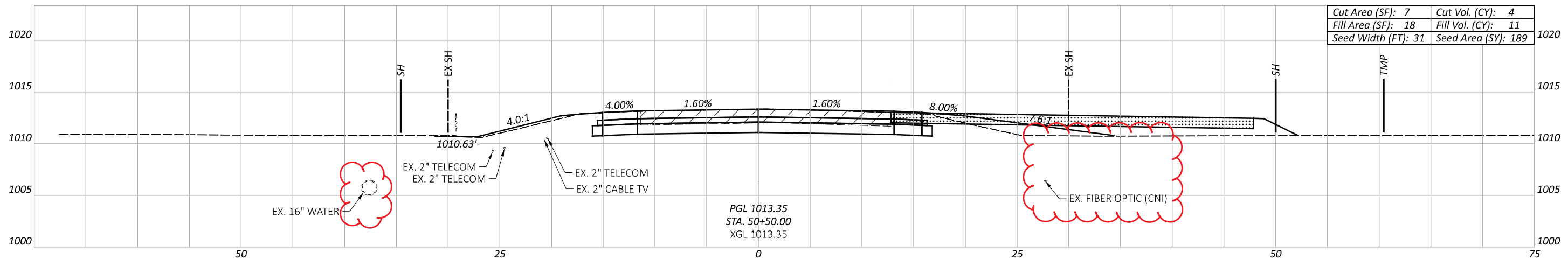
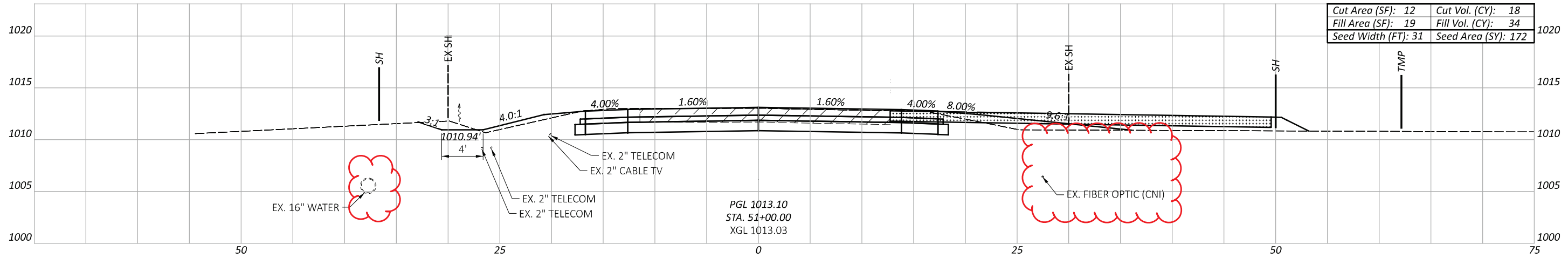


Cut Area (SF):	Cut Vol. (CY):
Fill Area (SF):	Fill Vol. (CY):
Seed Width (FT):	Seed Area (SY):

Sheet Totals			109072
Seeding	Cut	Fill	TOTAL
			P.097   208

CROSS SECTIONS - U.S. 42  
 STA. 49+00 TO STA. 50+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.097 | 208



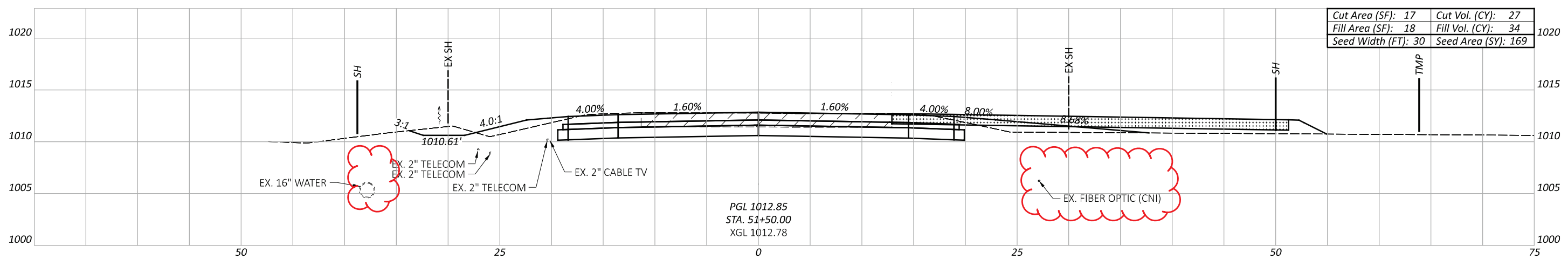
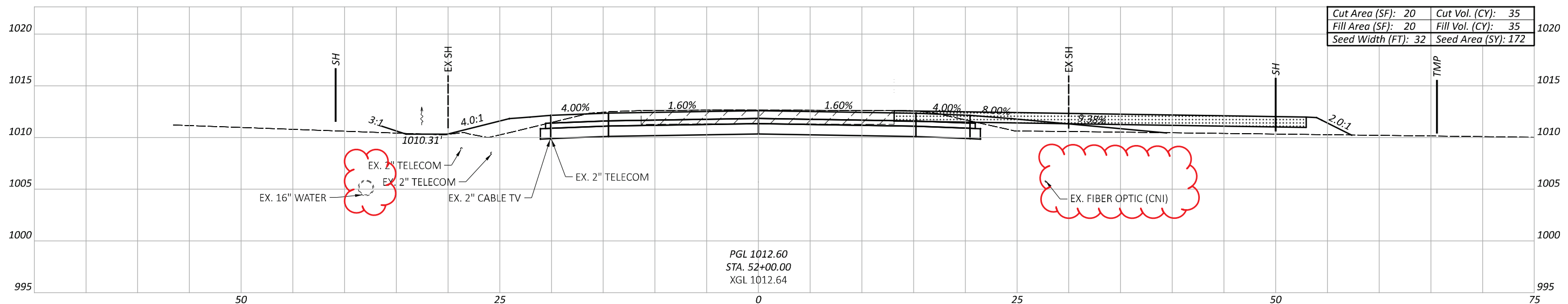
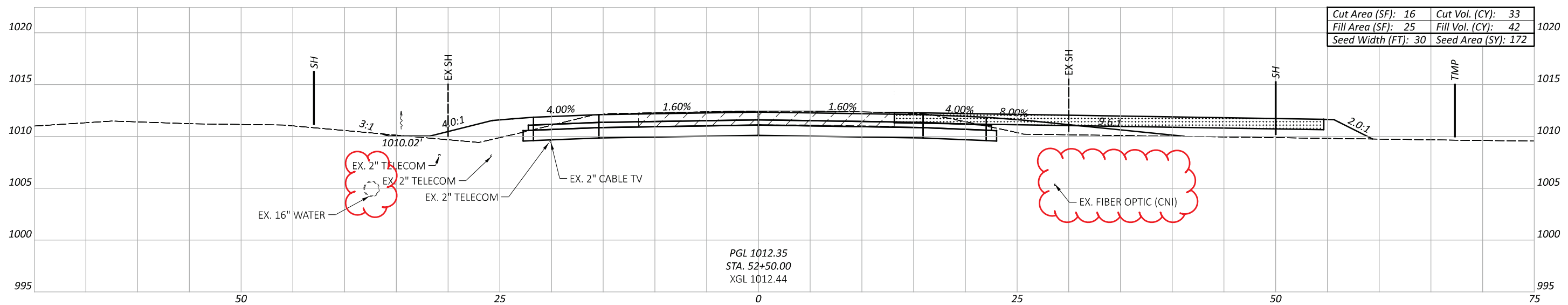
CONCRETE PAVEMENT  
TO BE REMOVED

TEMPORARY PAVEMENT

Sheet Totals		
Seeding	Cut	Fill
464	22	45

CROSS SECTIONS - U.S. 42  
 STA. 50+32.50 TO STA. 51+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.098 208



Sheet Totals		
Seeding	Cut	Fill
513	95	111

DESIGN AGENCY

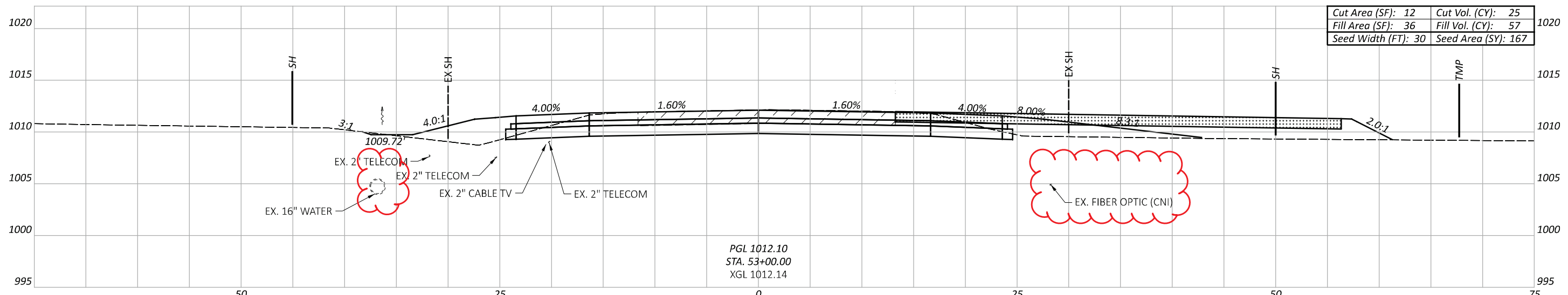
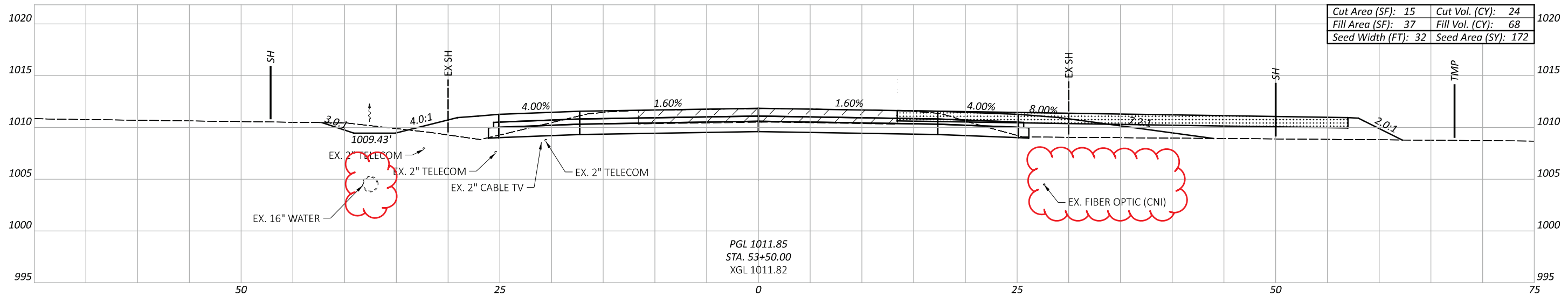
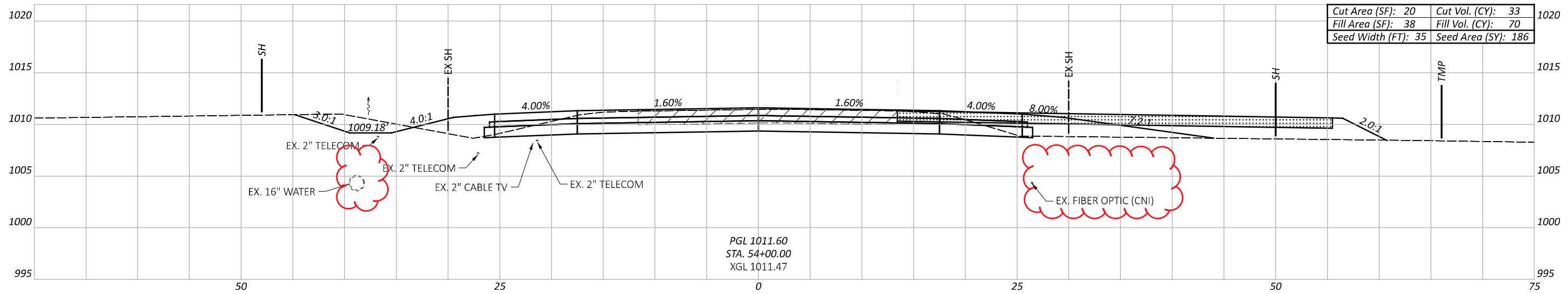
DESIGNER  
DSS

REVIEWER  
JEL 08/26/24

PROJECT ID  
109072

CROSS SECTIONS - U.S. 42  
 STA. 51+50 TO STA. 52+50

SHEET	TOTAL
P.099	208



Sheet Totals		
Seeding	Cut	Fill
525	82	195

CROSS SECTIONS - U.S. 42  
 STA. 53+00 TO STA. 54+00

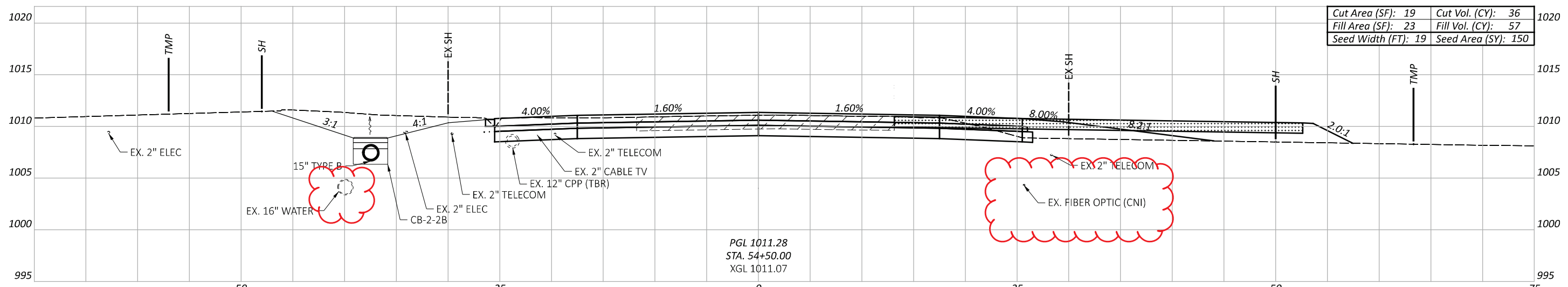
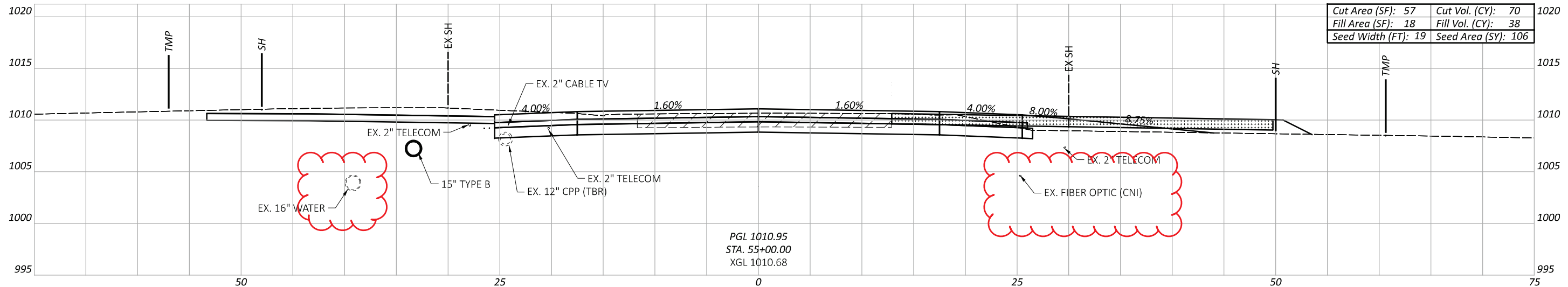
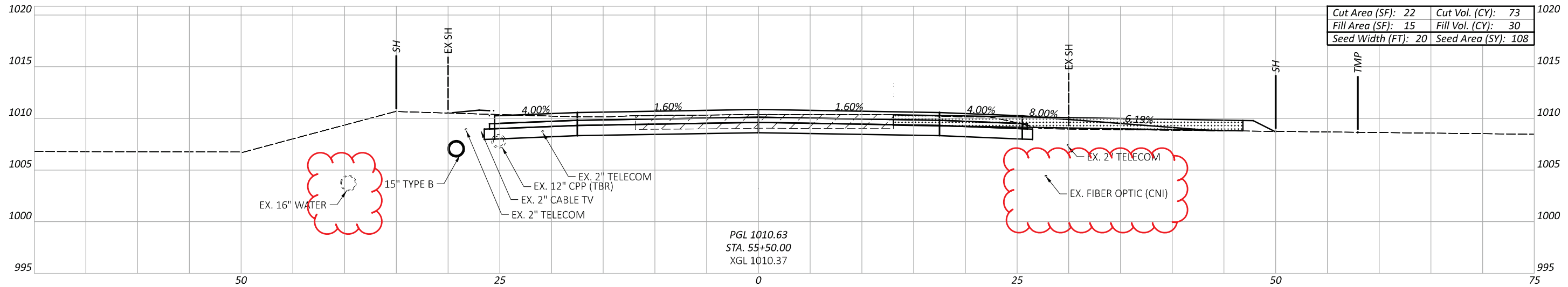
DESIGN AGENCY

DESIGNER  
DSS

REVIEWER  
JEL 08/26/24

PROJECT ID  
109072

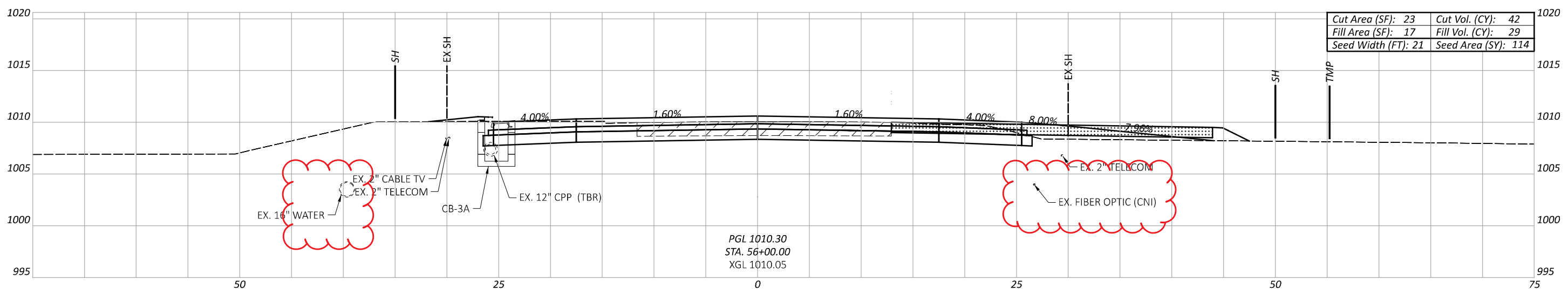
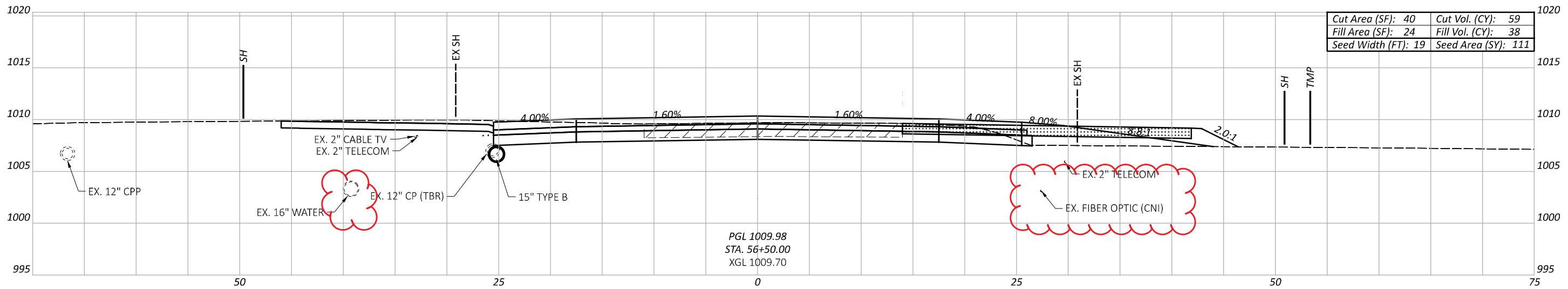
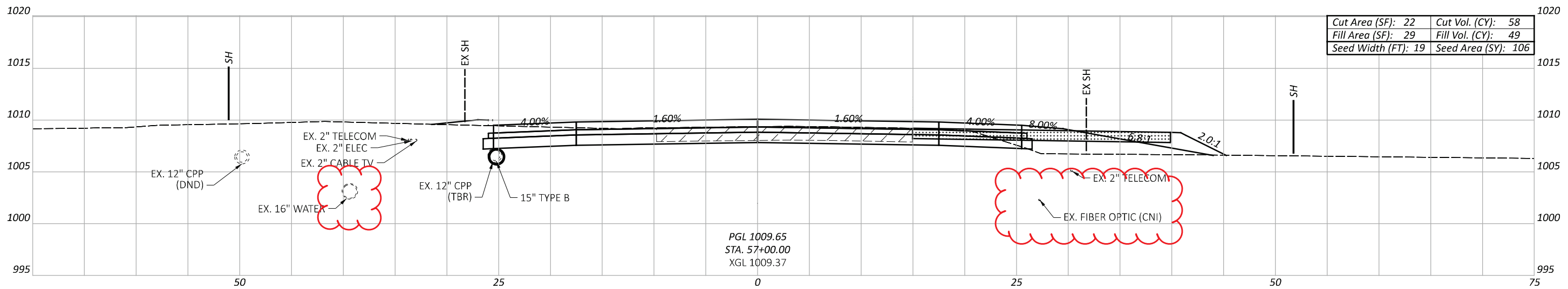
SHEET TOTAL  
P.100 208



Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
364	179	125	P.101	208

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

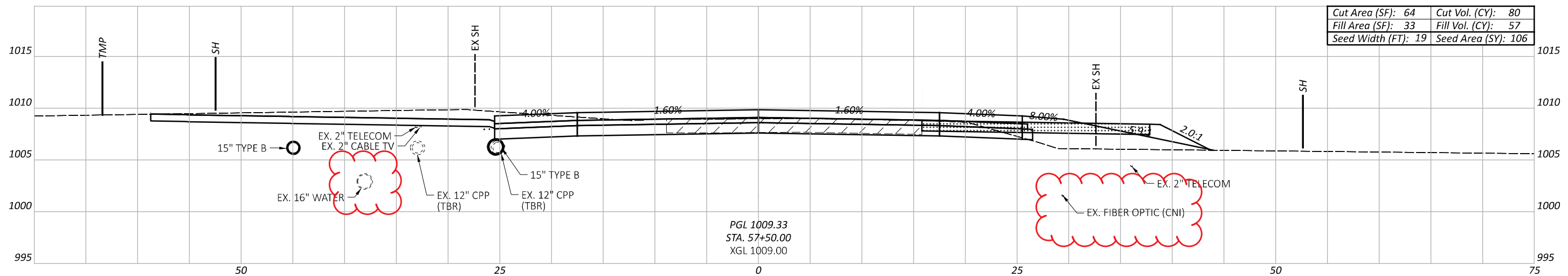
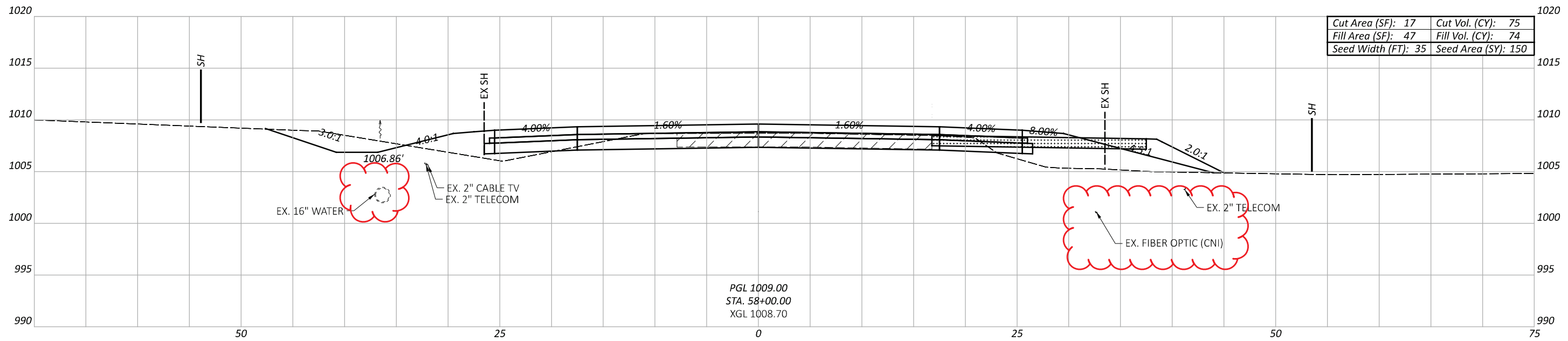
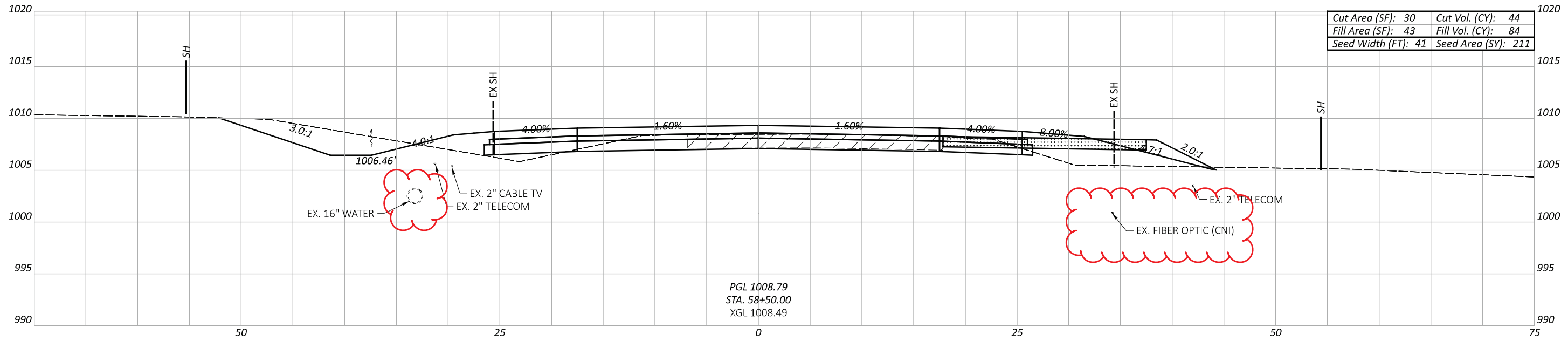
CROSS SECTIONS - U.S. 42  
 STA. 54+50 TO STA. 55+50



Sheet Totals		
Seeding	Cut	Fill
331	159	116

CROSS SECTIONS - U.S. 42  
 STA. 56+00 TO STA. 57+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.102 208



CROSS SECTIONS - U.S. 42  
 STA. 57+50 TO STA. 58+50

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

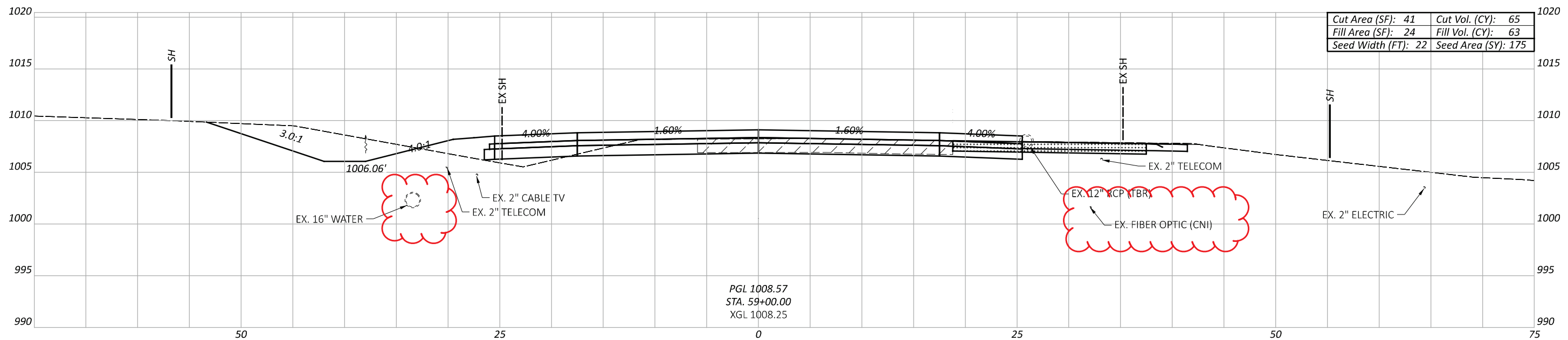
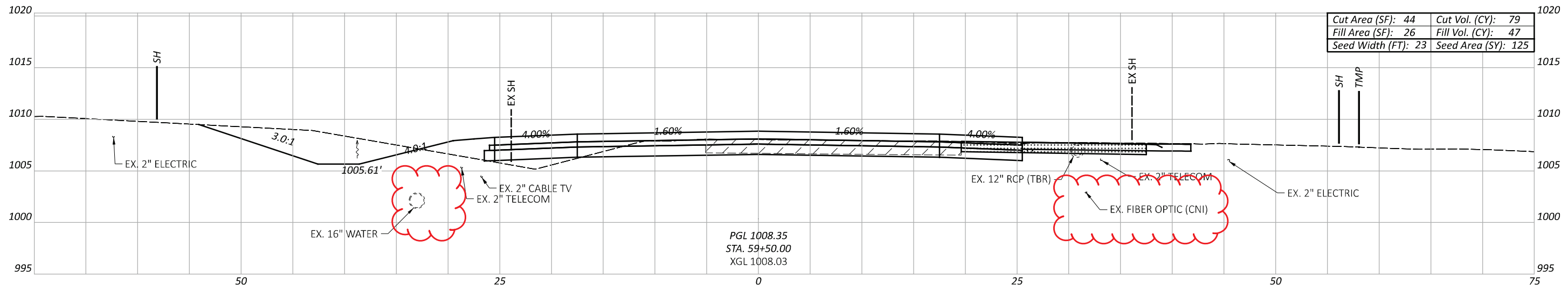
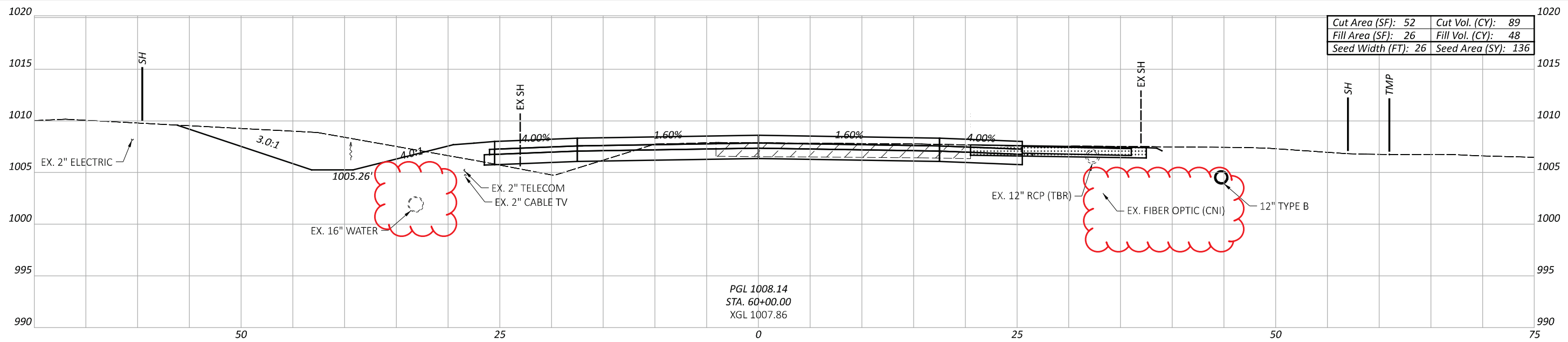
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
467	199	215

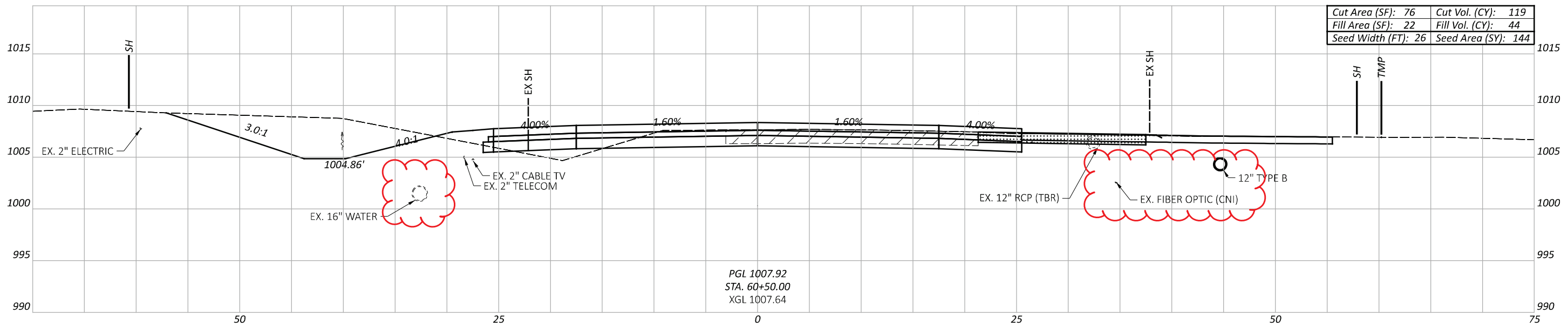
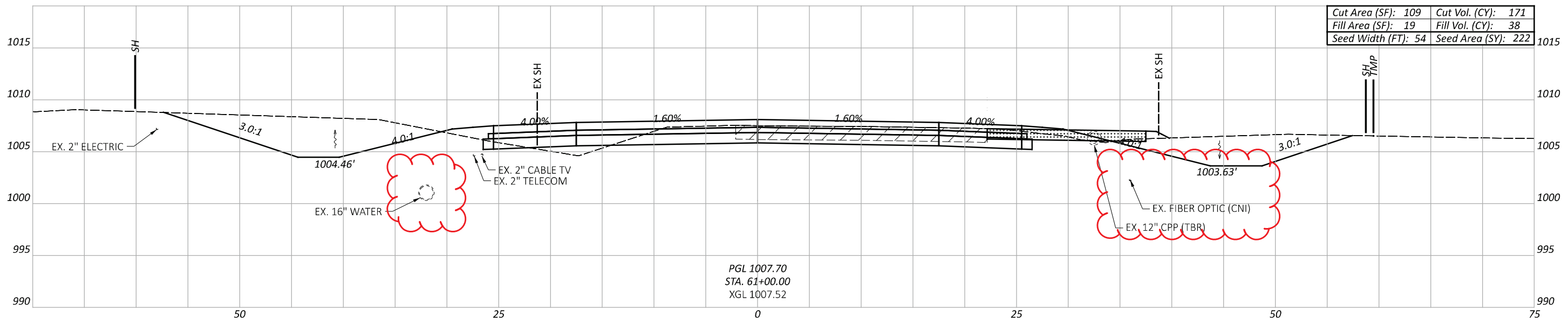
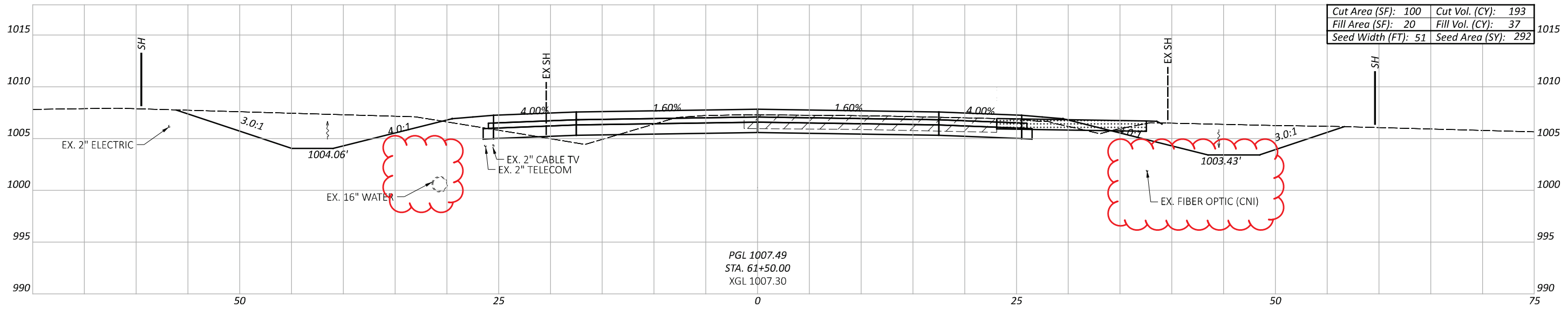
SHEET	TOTAL
P.103	208



Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
436	233	158	P.104	208

CROSS SECTIONS - U.S. 42  
 STA. 59+00 TO STA. 60+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

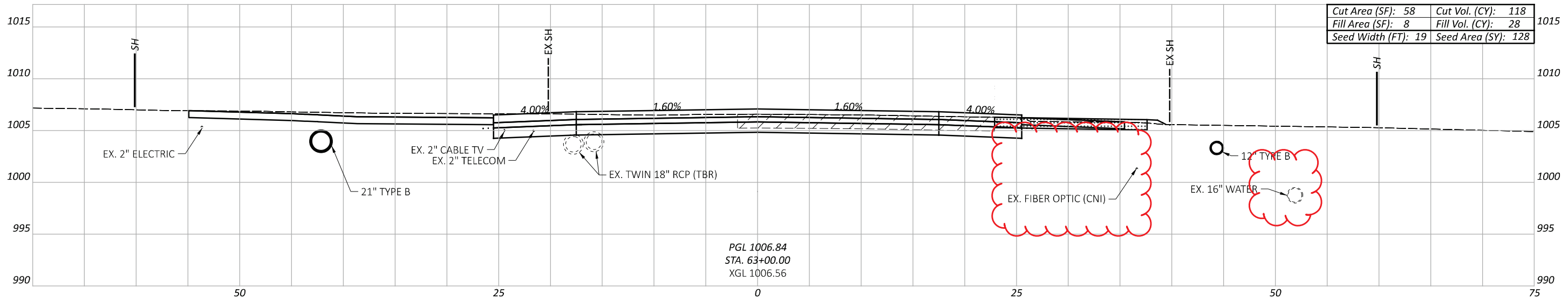


CROSS SECTIONS - U.S. 42  
 STA. 60+50 TO STA. 61+50



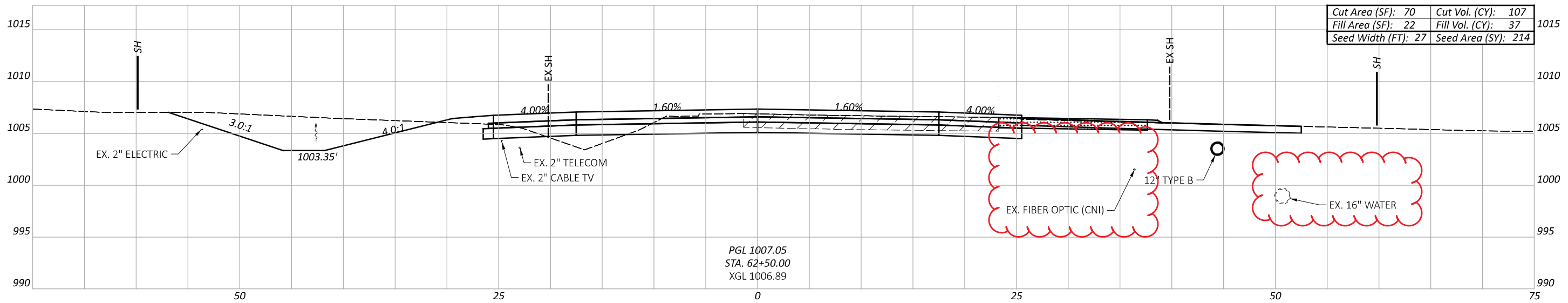
DESIGN AGENCY  
**TRC**  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24

Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
658	483	119	P.105	208



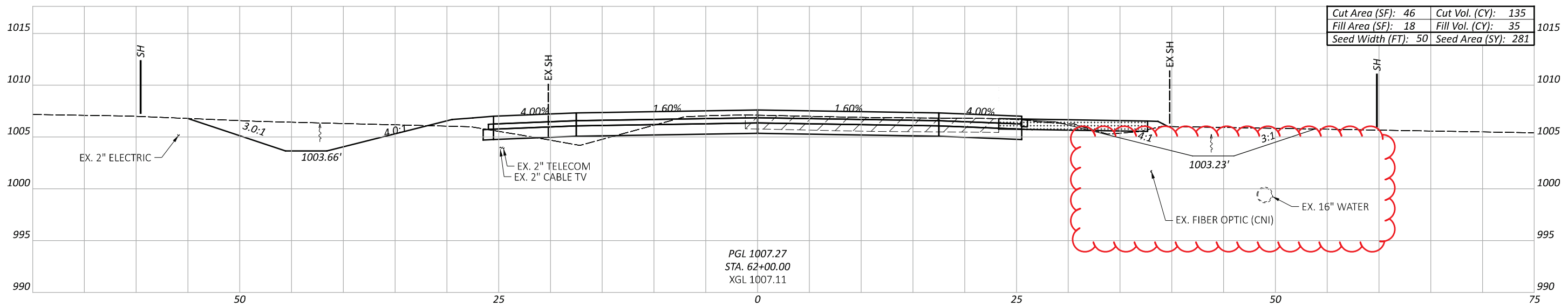
Cut Area (SF): 58	Cut Vol. (CY): 118
Fill Area (SF): 8	Fill Vol. (CY): 28
Seed Width (FT): 19	Seed Area (SY): 128

PGL 1006.84  
 STA. 63+00.00  
 XGL 1006.56



Cut Area (SF): 70	Cut Vol. (CY): 107
Fill Area (SF): 22	Fill Vol. (CY): 37
Seed Width (FT): 27	Seed Area (SY): 214

PGL 1007.05  
 STA. 62+50.00  
 XGL 1006.89



Cut Area (SF): 46	Cut Vol. (CY): 135
Fill Area (SF): 18	Fill Vol. (CY): 35
Seed Width (FT): 50	Seed Area (SY): 281

PGL 1007.27  
 STA. 62+00.00  
 XGL 1007.11

CROSS SECTIONS - U.S. 42  
 STA. 62+00 TO STA. 63+00

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

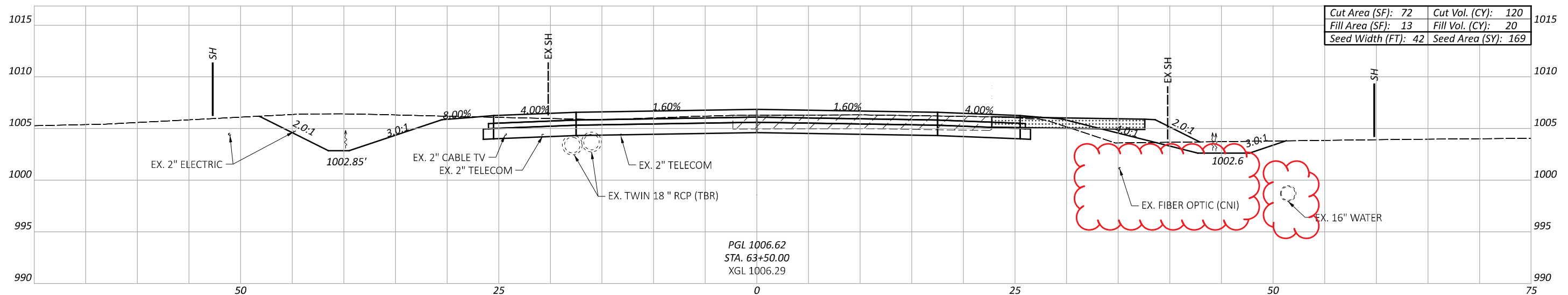
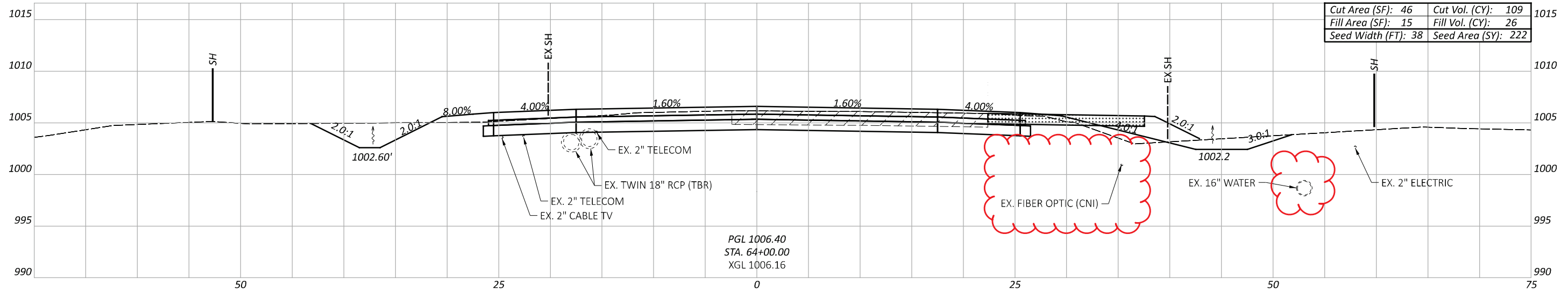
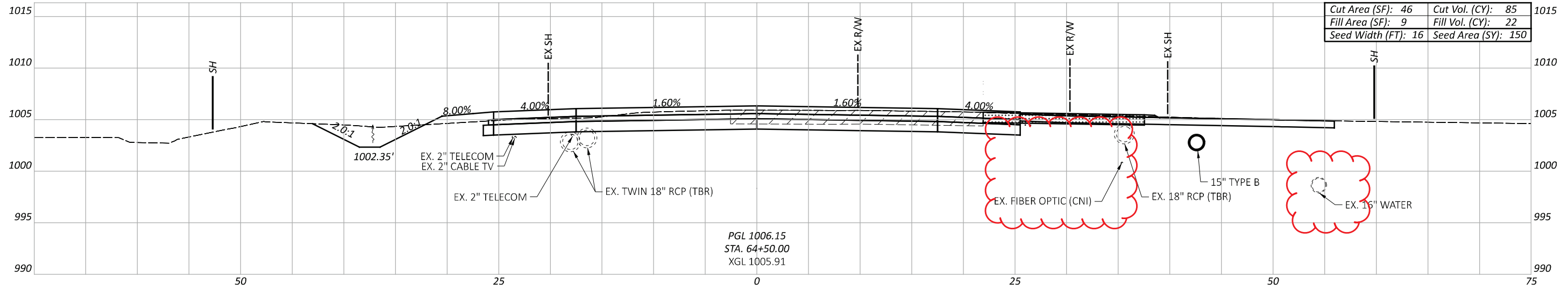
JEL 08/26/24

PROJECT ID

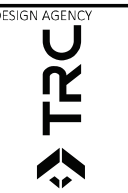
109072

Sheet Totals		
Seeding	Cut	Fill
623	360	100

SHEET	TOTAL
P.106	208



CROSS SECTIONS - U.S. 42  
 STA. 63+50 TO STA. 64+50

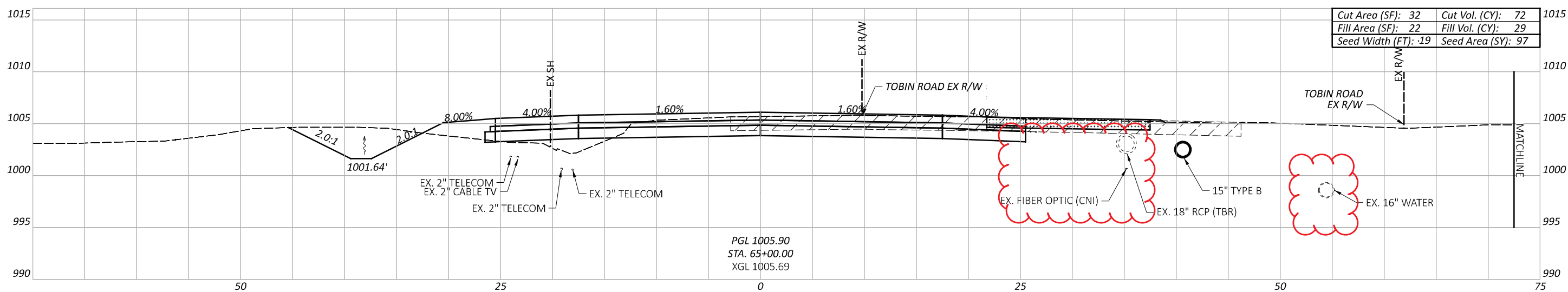
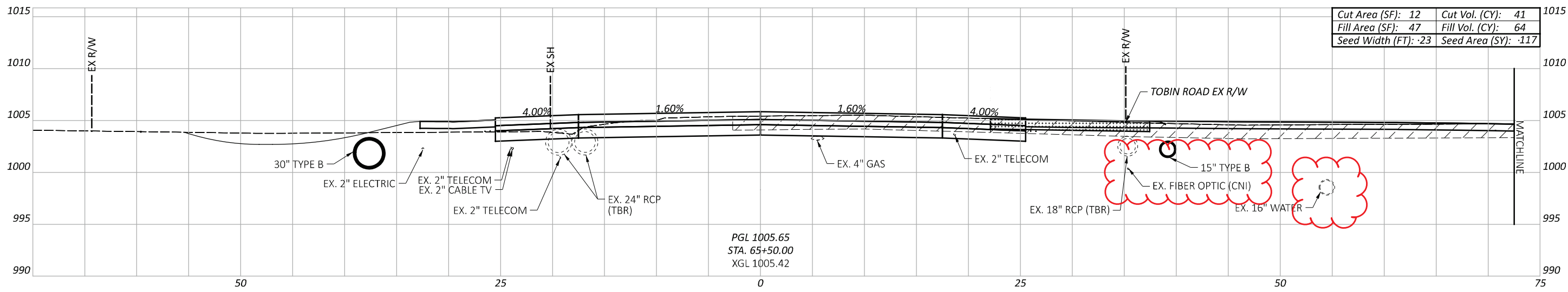
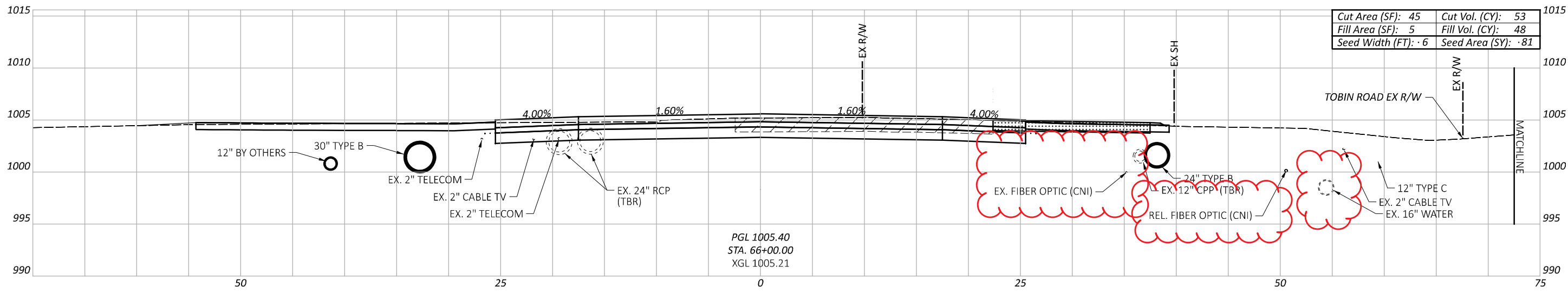


DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24

PROJECT ID  
 109072  
 SHEET TOTAL  
 P.107 208

Sheet Totals		
Seeding	Cut	Fill
541	314	68

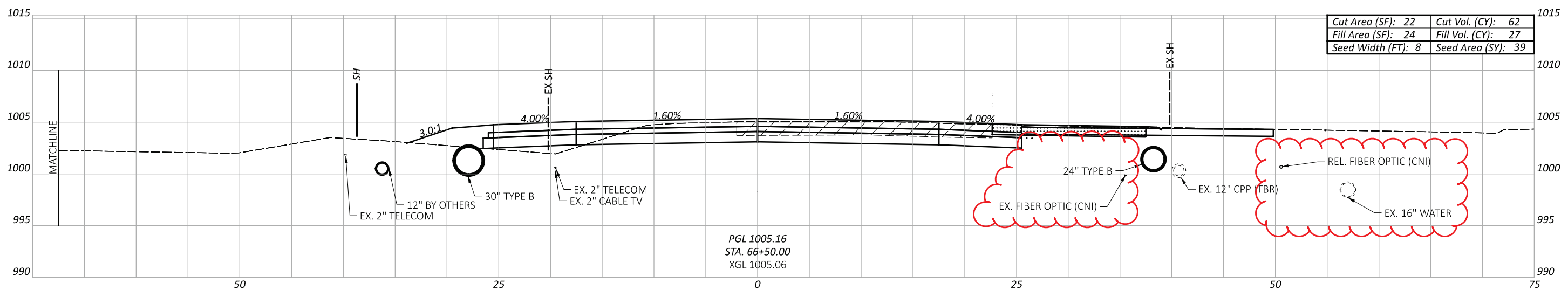
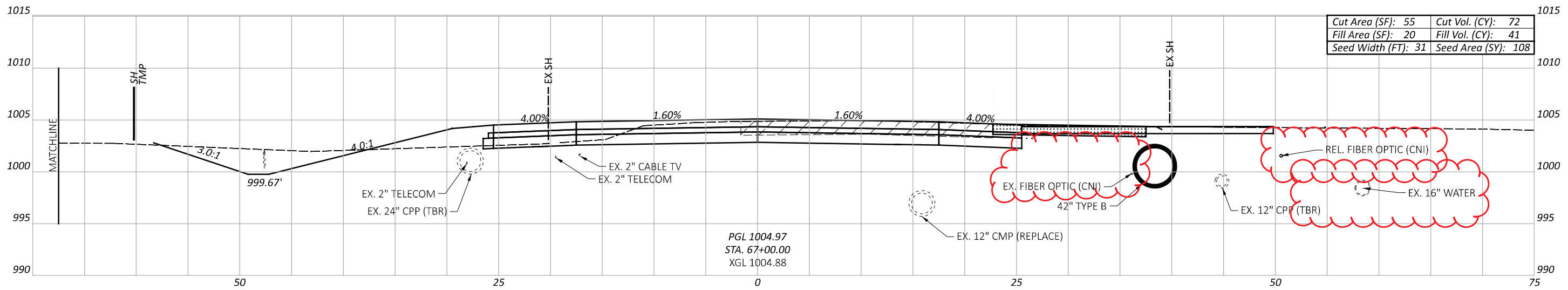
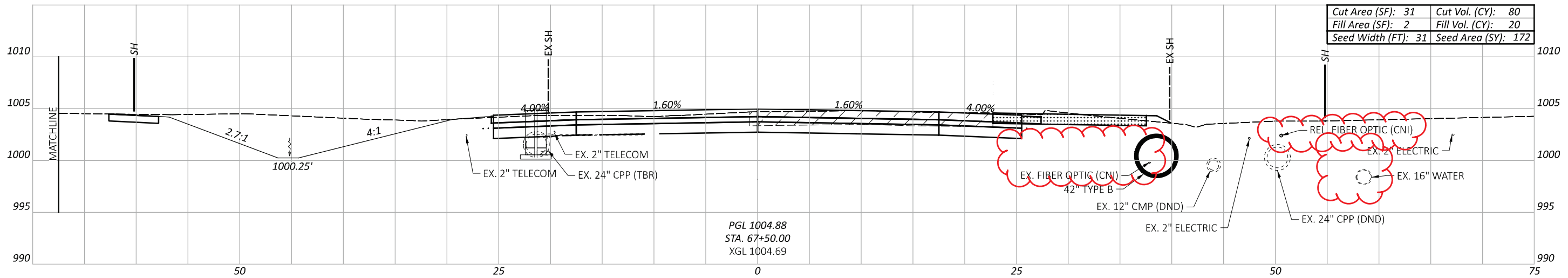
MODEL: Proposed US 42 - 65+00.00 [Sheet] PAPER SIZE: 17x11 (in.) DATE: 5/14/2026 TIME: 1:26:10 PM PLTDRV: OHDOT\_PDF\_PLOT.plt PLOT: OHDOT\_PDF\_PLOT.plt USER: TShoemaker@trcsolutions.com WORKSPACE: OHDOTCEV02 WORKSET: 109072 PRODUCT: OpenRoadsDesigner 24.00.02.25  
 pw:\trc-pw-bentley.com\trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation\DOT\323009 - MAD42-12.35\4 - Design & Study Documents\405 - Drawings\109072\400-Engineering\Roadway\Sheets\109072\_XS042.dgn



CROSS SECTIONS - U.S. 42  
 STA. 65+00 TO STA. 66+00

DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals			109072
Seeding	Cut	Fill	SHEET TOTAL
295	166	147	P.108 208



Sheet Totals		
Seeding	Cut	Fill
319	214	88

CROSS SECTIONS - U.S. 42  
 STA. 66+50 TO STA. 67+50

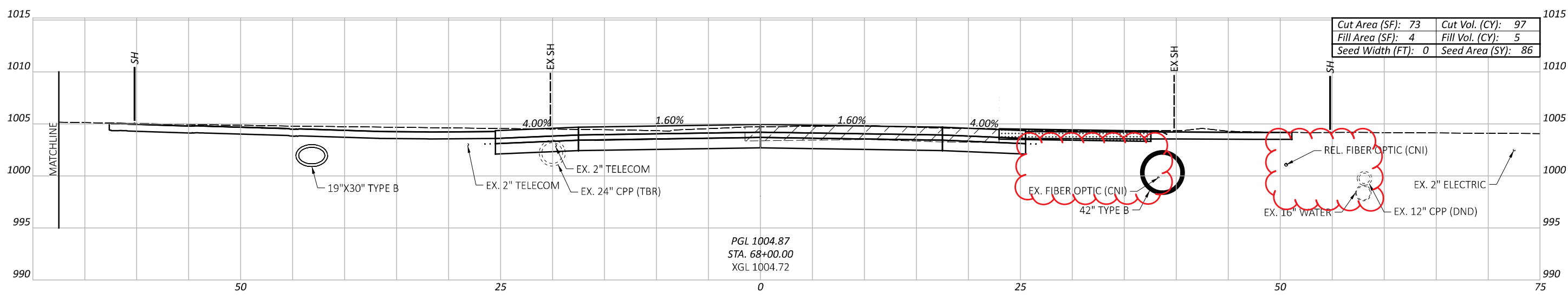
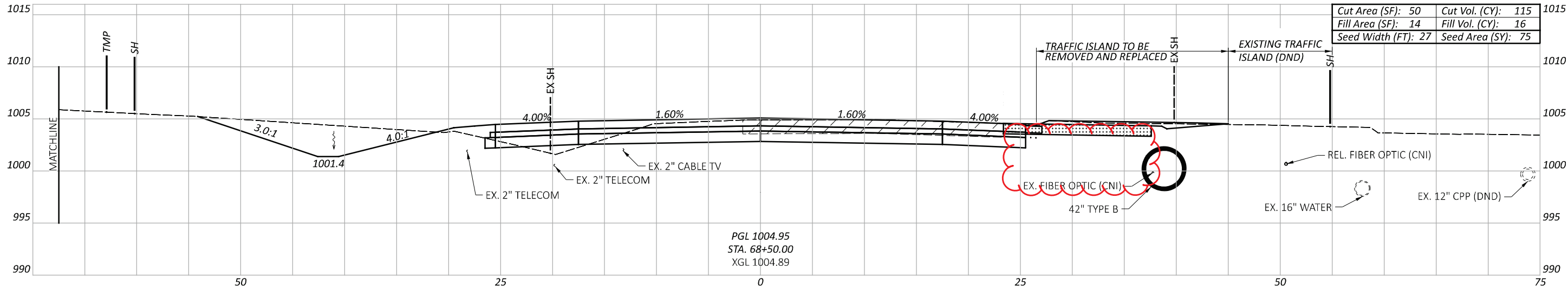
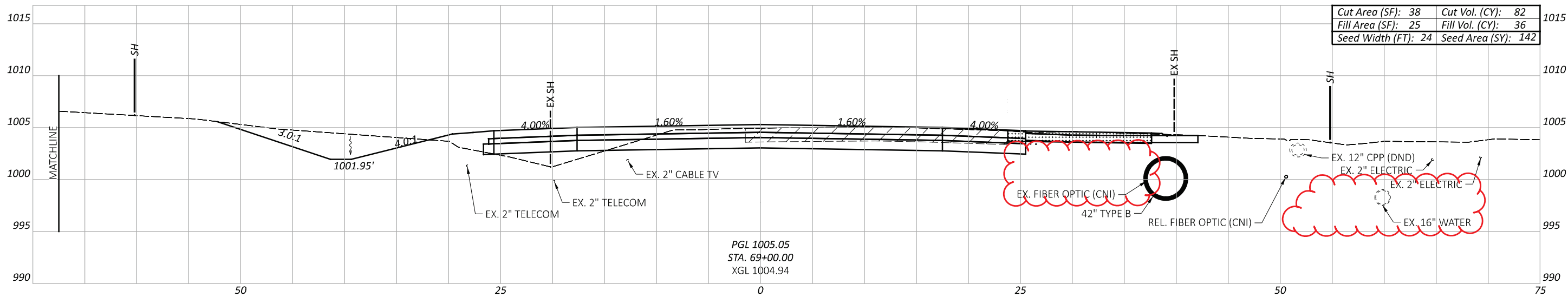
DESIGN AGENCY

DESIGNER  
 DSS

REVIEWER  
 JEL 08/26/24

PROJECT ID  
 109072

SHEET	TOTAL
P.111	208



CROSS SECTIONS - U.S. 42  
 STA. 68+00 TO STA. 69+00

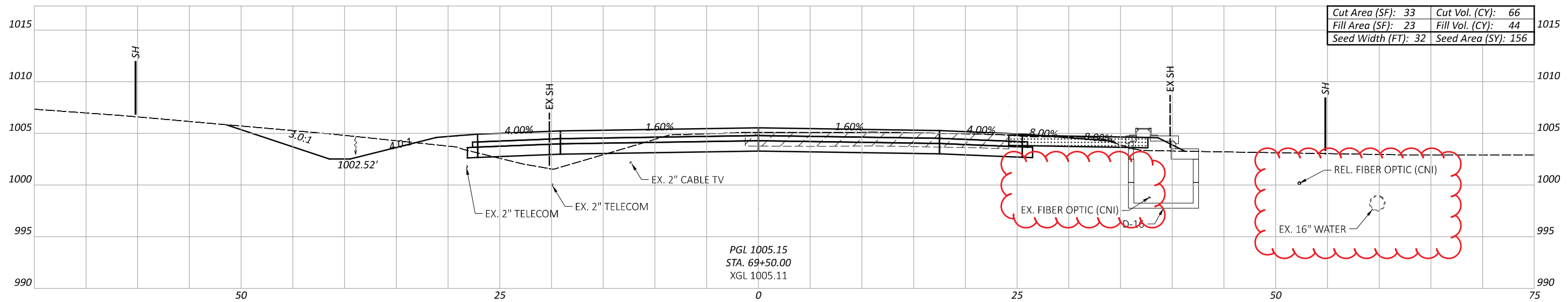
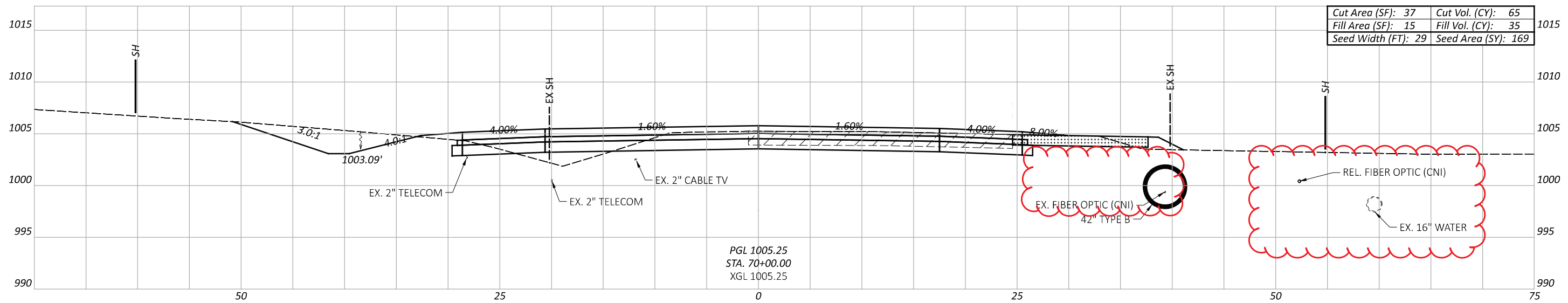
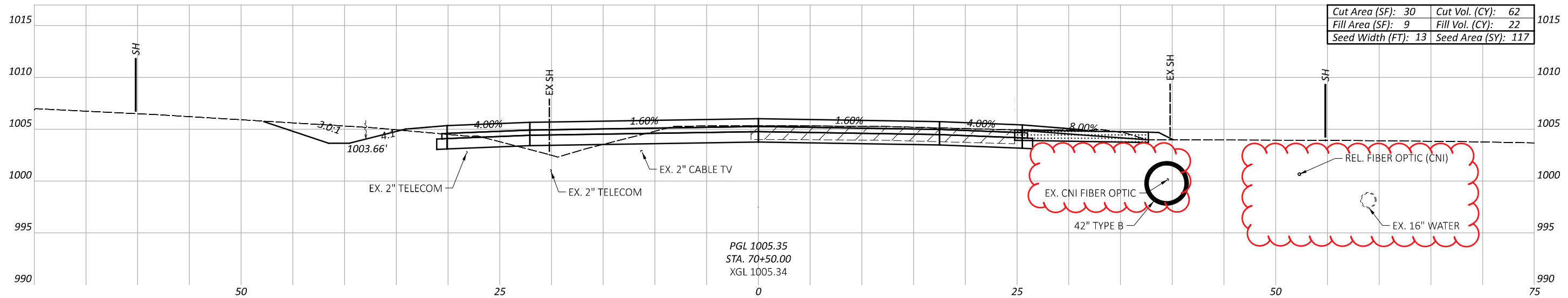
DESIGN AGENCY

DESIGNER  
 DSS

REVIEWER  
 JEL 08/26/24


PROJECT ID  
 109072

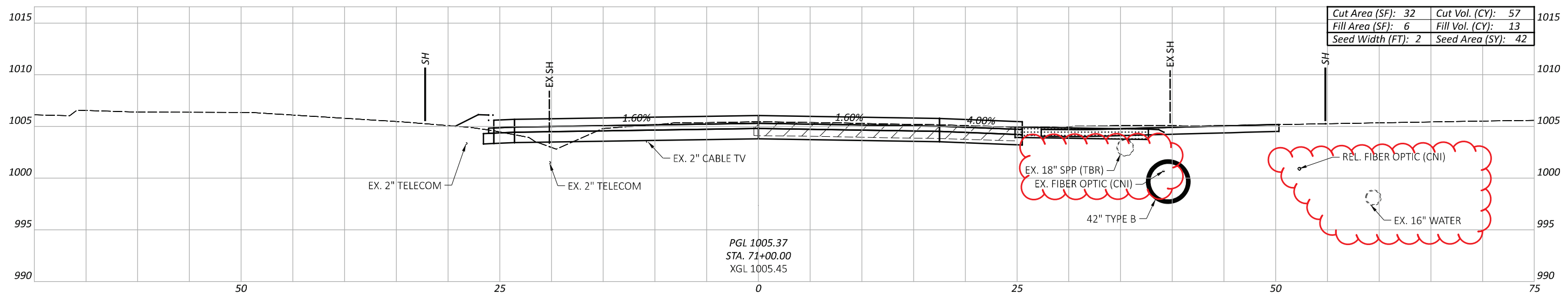
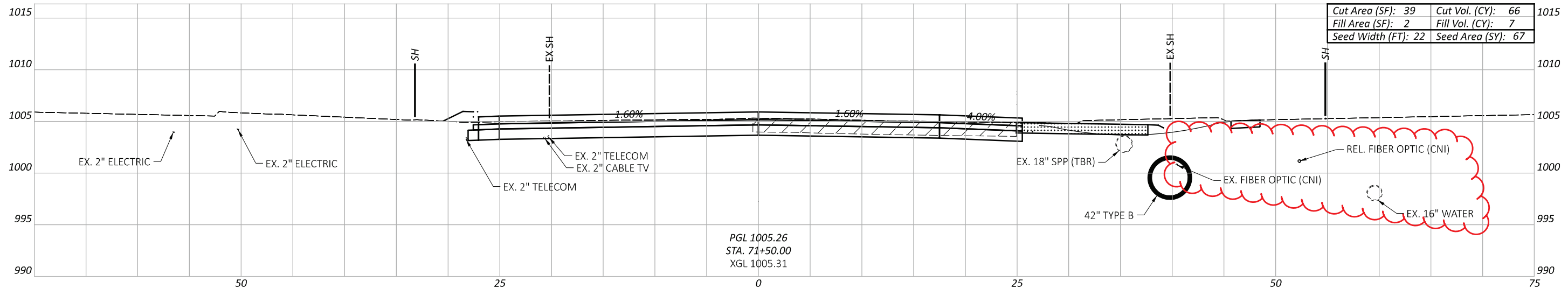
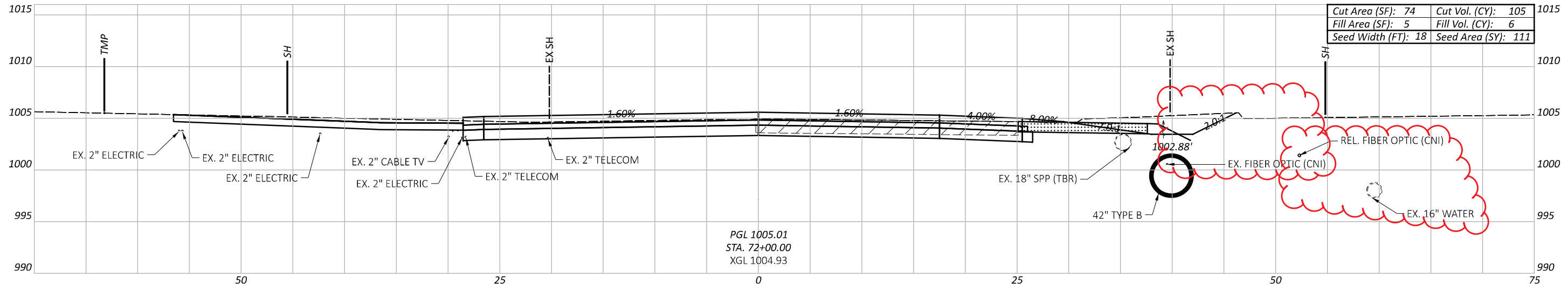
Sheet Totals			109072
Seeding	Cut	Fill	TOTAL
303	294	57	P.113   208



Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
442	193	101	P.114	208

CROSS SECTIONS - U.S. 42  
 STA. 69+50 TO STA. 70+50

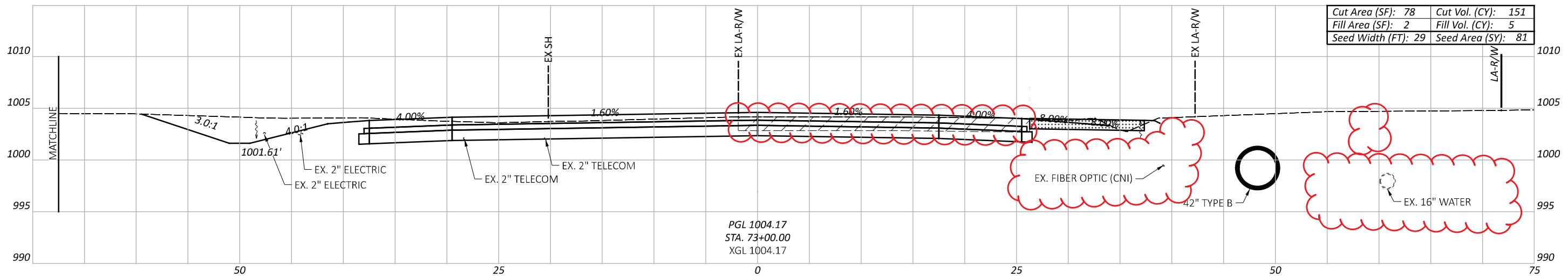
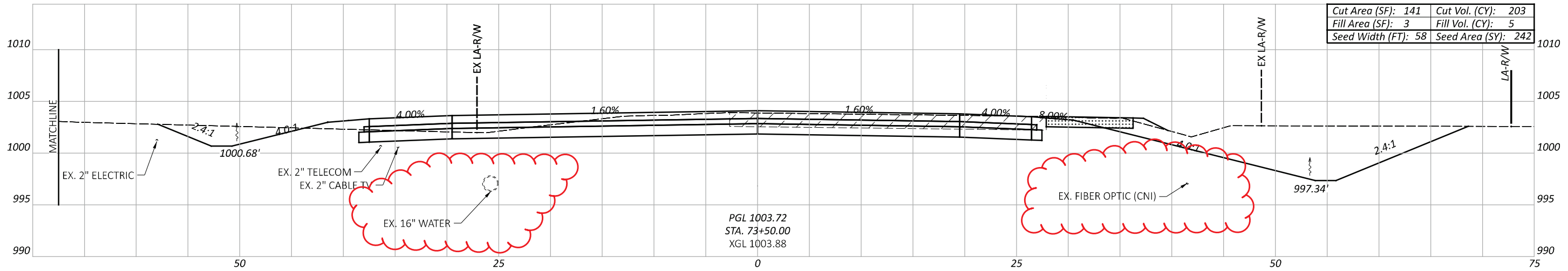
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072



Sheet Totals		
Seeding	Cut	Fill
220	228	26

CROSS SECTIONS - U.S. 42  
 STA. 71+00 TO STA. 72+00

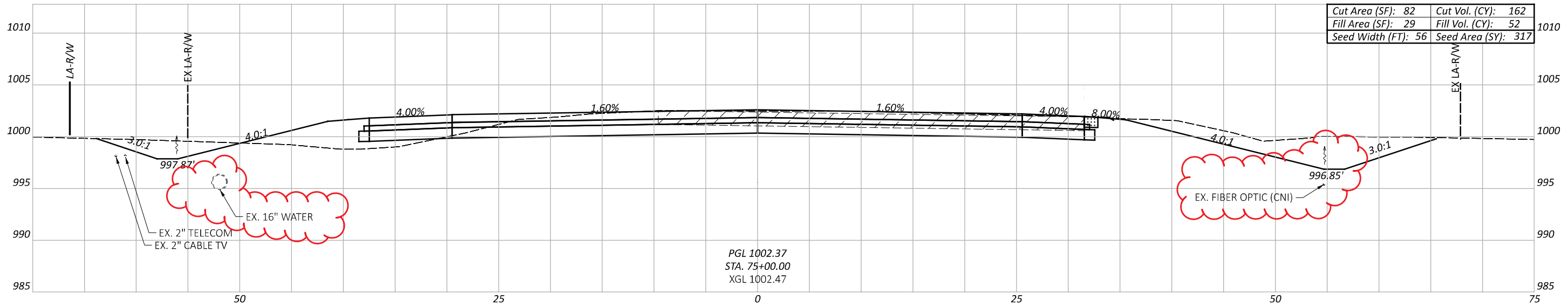
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.115 208



CROSS SECTIONS - U.S. 42  
 STA. 72+50 TO STA. 73+50

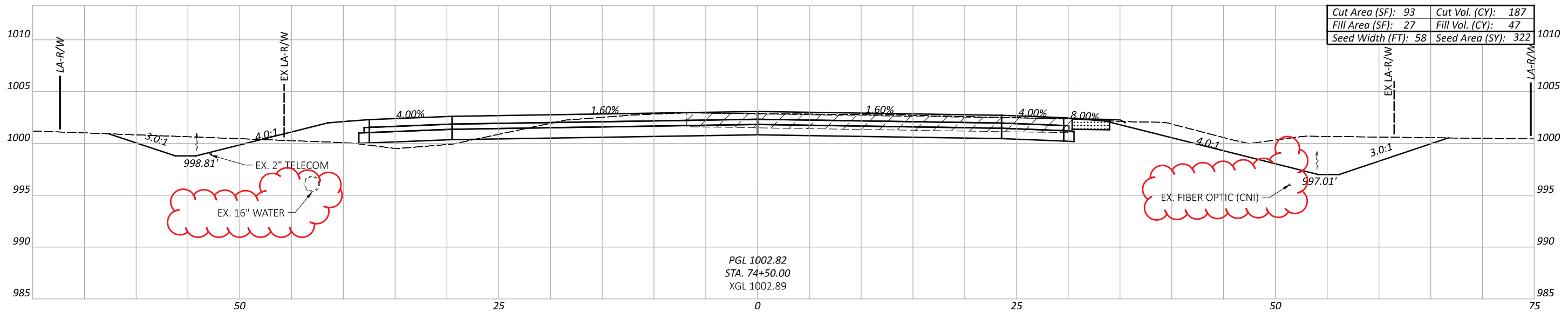
DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.117 208

Sheet Totals		
Seeding	Cut	Fill
413	501	18



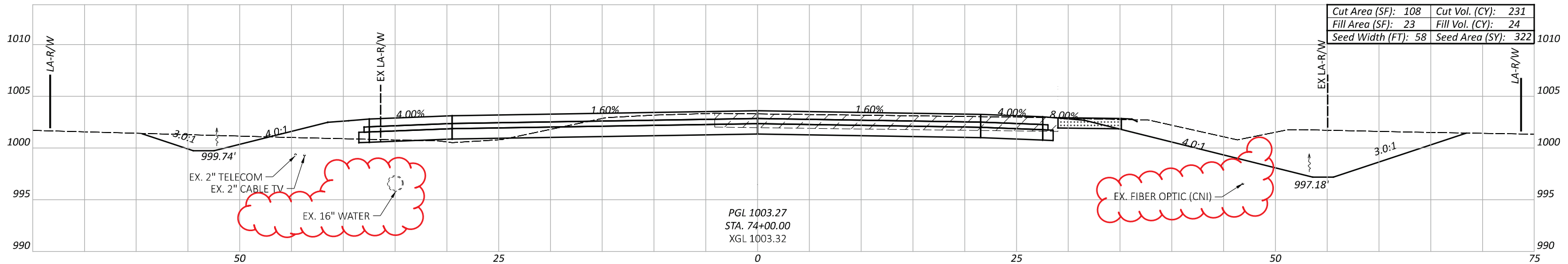
PGL 1002.37  
 STA. 75+00.00  
 XGL 1002.47

Cut Area (SF): 82	Cut Vol. (CY): 162
Fill Area (SF): 29	Fill Vol. (CY): 52
Seed Width (FT): 56	Seed Area (SY): 317



PGL 1002.82  
 STA. 74+50.00  
 XGL 1002.89

Cut Area (SF): 93	Cut Vol. (CY): 187
Fill Area (SF): 27	Fill Vol. (CY): 47
Seed Width (FT): 58	Seed Area (SY): 322



PGL 1003.27  
 STA. 74+00.00  
 XGL 1003.32

Cut Area (SF): 108	Cut Vol. (CY): 231
Fill Area (SF): 23	Fill Vol. (CY): 24
Seed Width (FT): 58	Seed Area (SY): 322

CROSS SECTIONS - U.S. 42  
 STA. 74+00 TO STA. 75+00

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

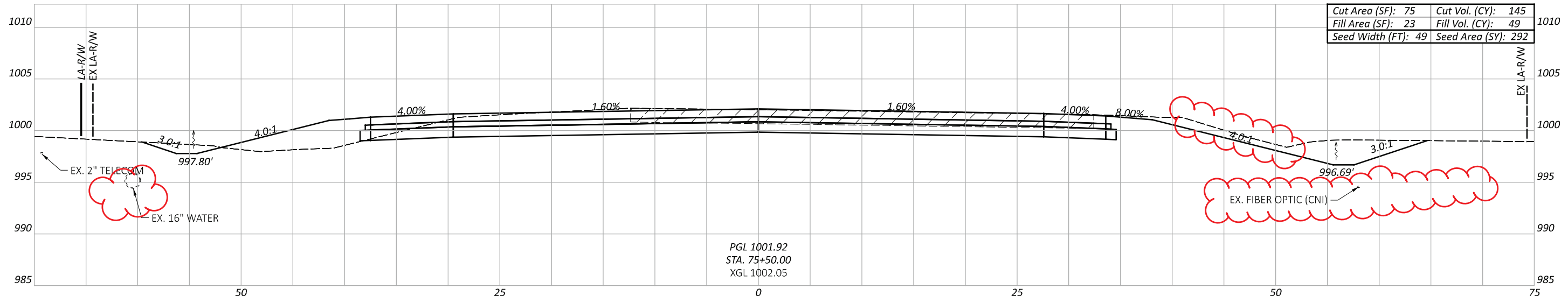
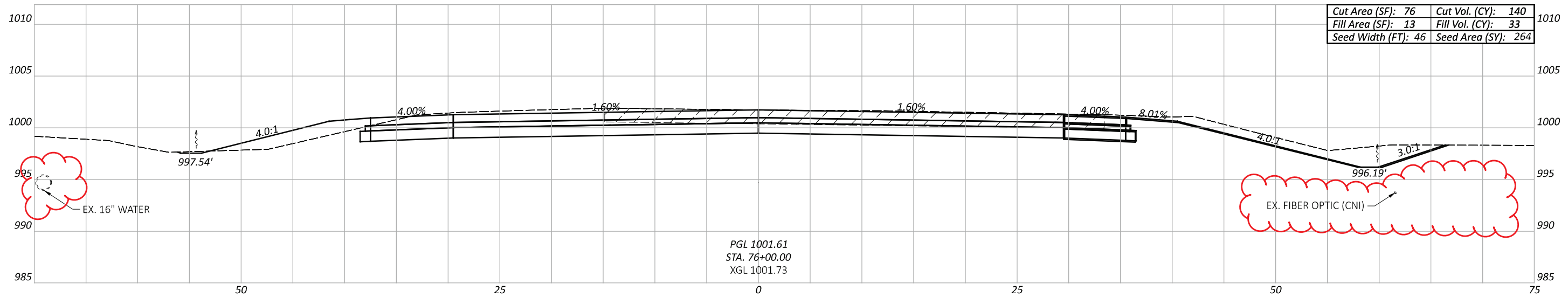
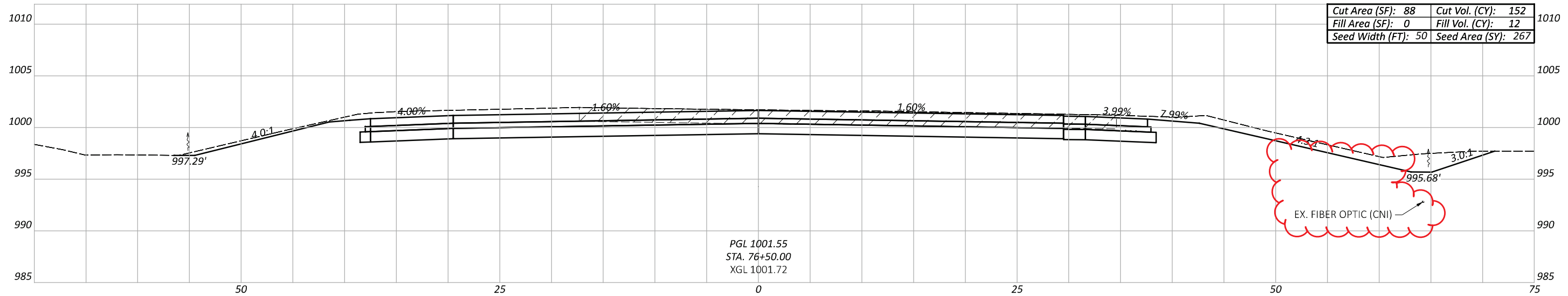
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
961	580	123

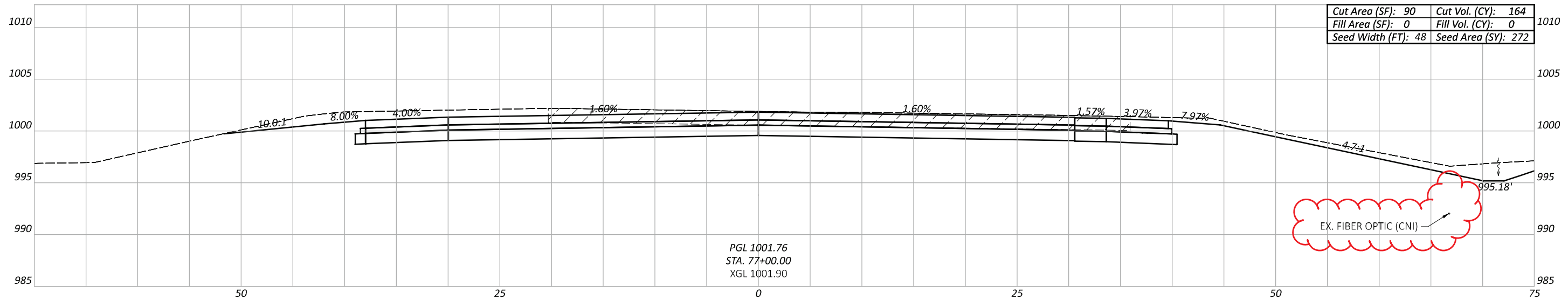
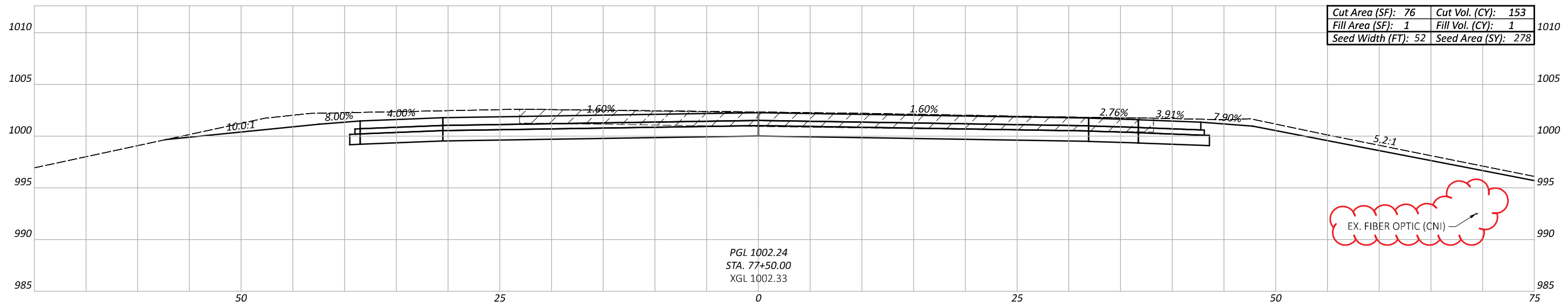
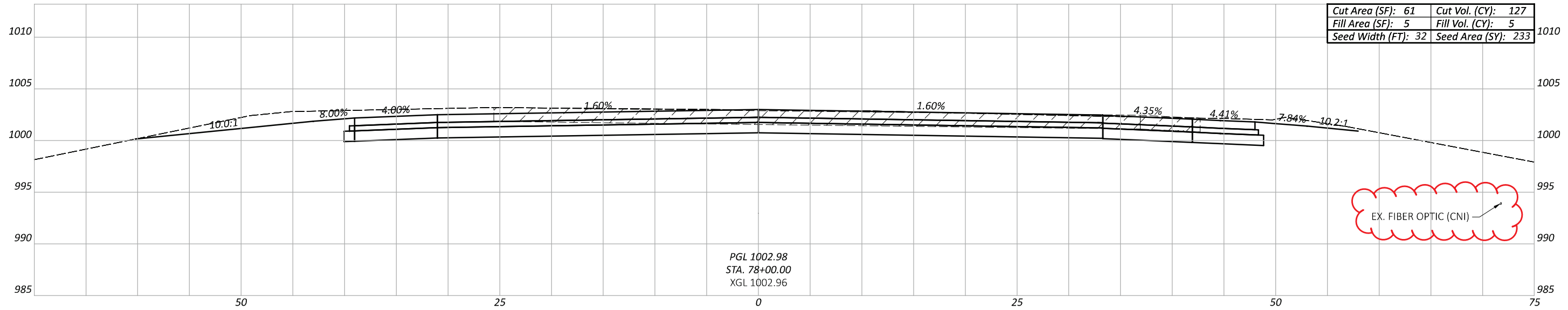
SHEET	TOTAL
P.118	208



CROSS SECTIONS - U.S. 42  
 STA. 75+50 TO STA. 76+50

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072


Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
823	437	94	P.119	208



Sheet Totals		
Seeding	Cut	Fill
783	444	6

CROSS SECTIONS - U.S. 42  
 STA. 77+00 TO STA. 78+00

DESIGN AGENCY

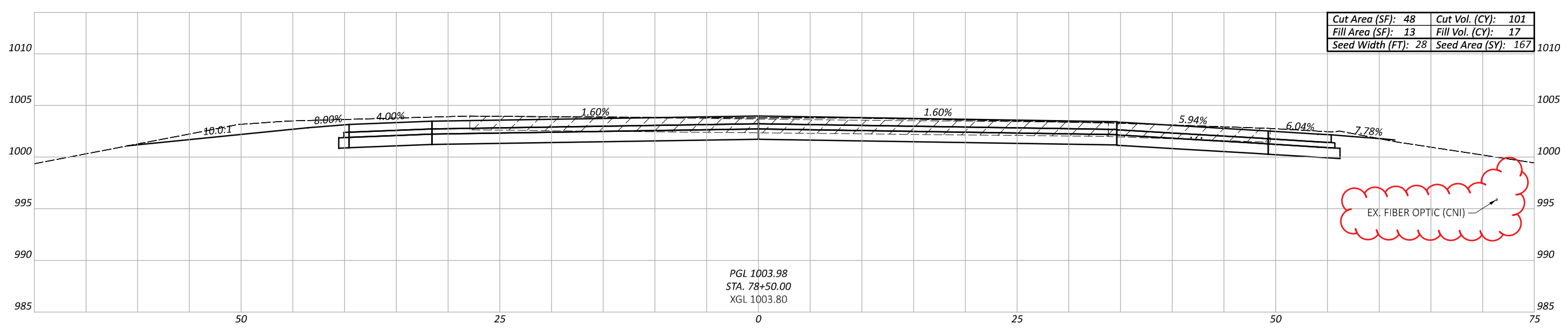
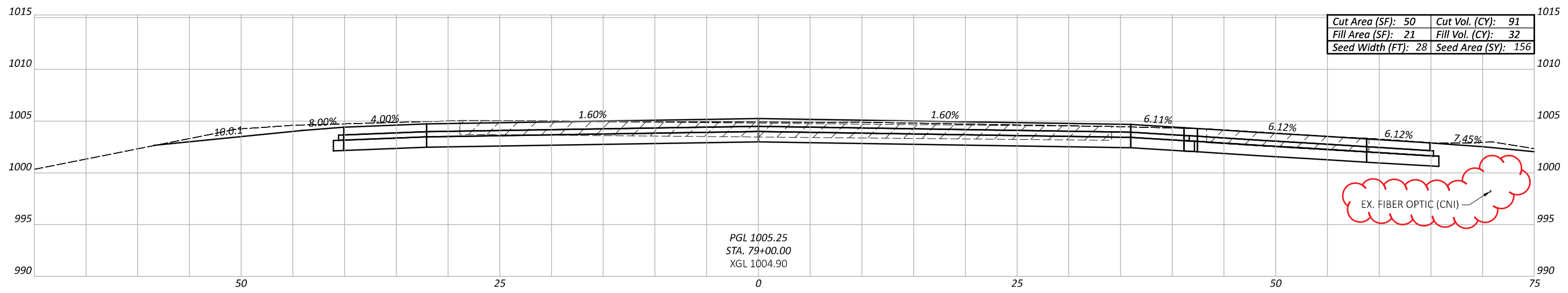
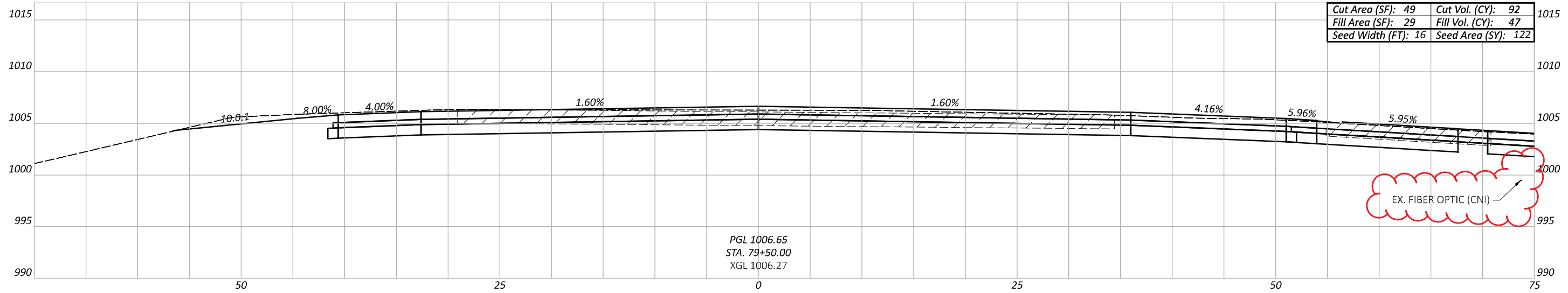


DESIGNER  
 DSS

REVIEWER  
 JEL 08/26/24

PROJECT ID  
 109072

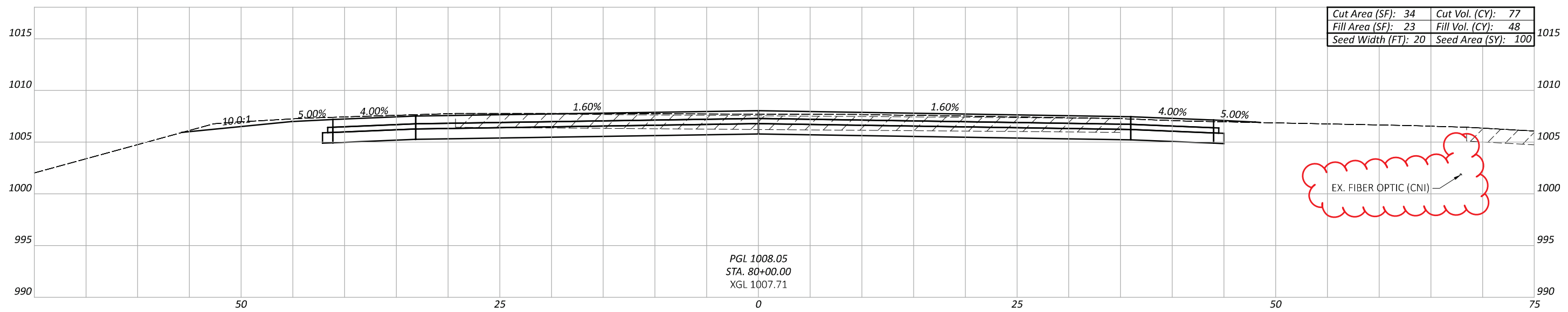
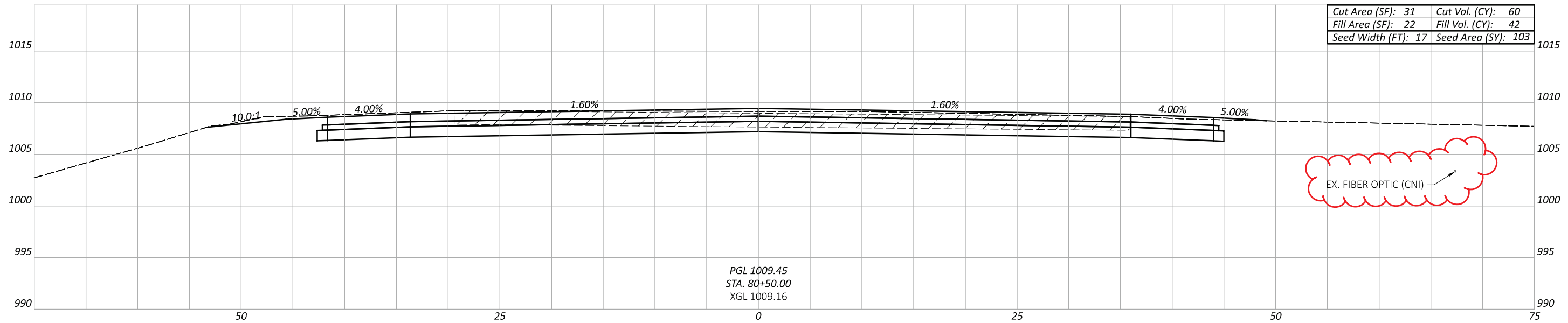
SHEET	TOTAL
P.120	208



CROSS SECTIONS - U.S. 42  
 STA. 78+50 TO STA. 79+50

DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill	P.121	208
445	284	96		

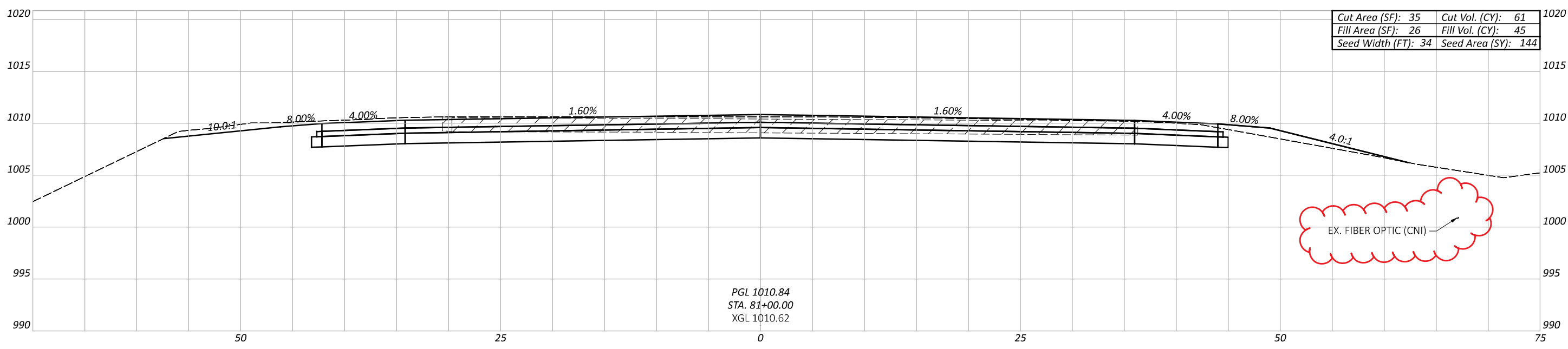
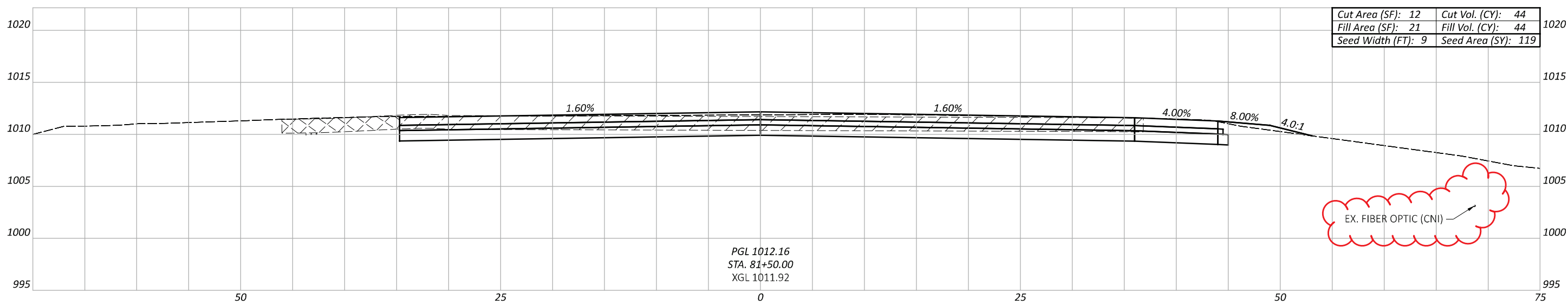
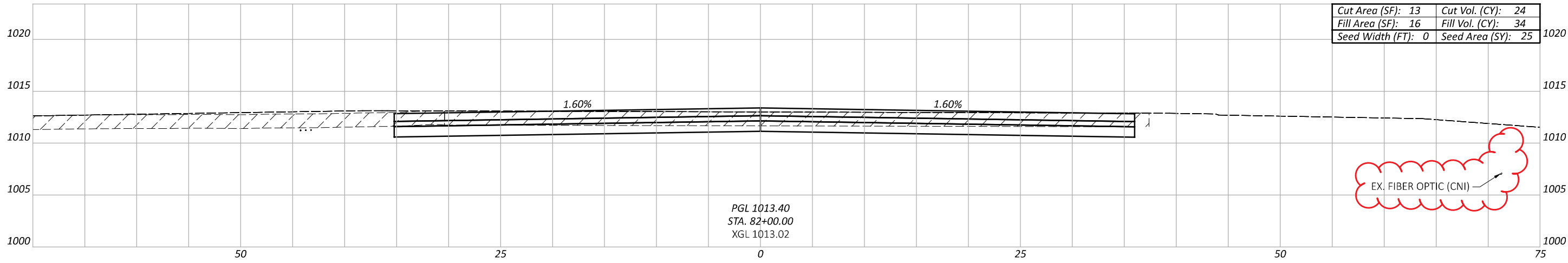


Sheet Totals		
Seeding	Cut	Fill
203	137	90

CROSS SECTIONS - U.S. 42  
 STA. 80+00 TO STA. 80+50

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24

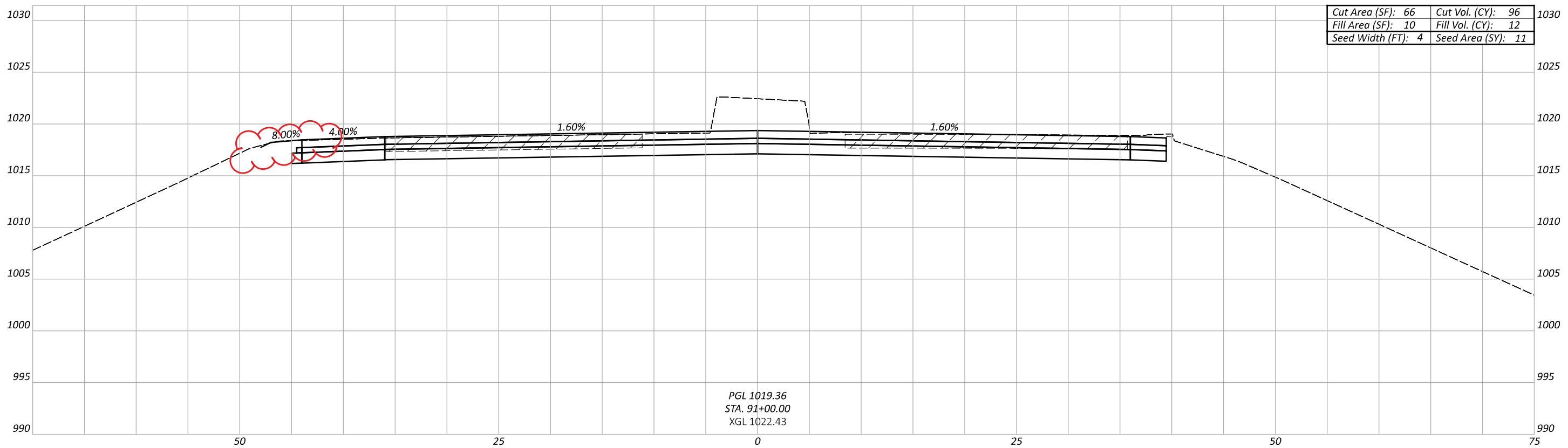
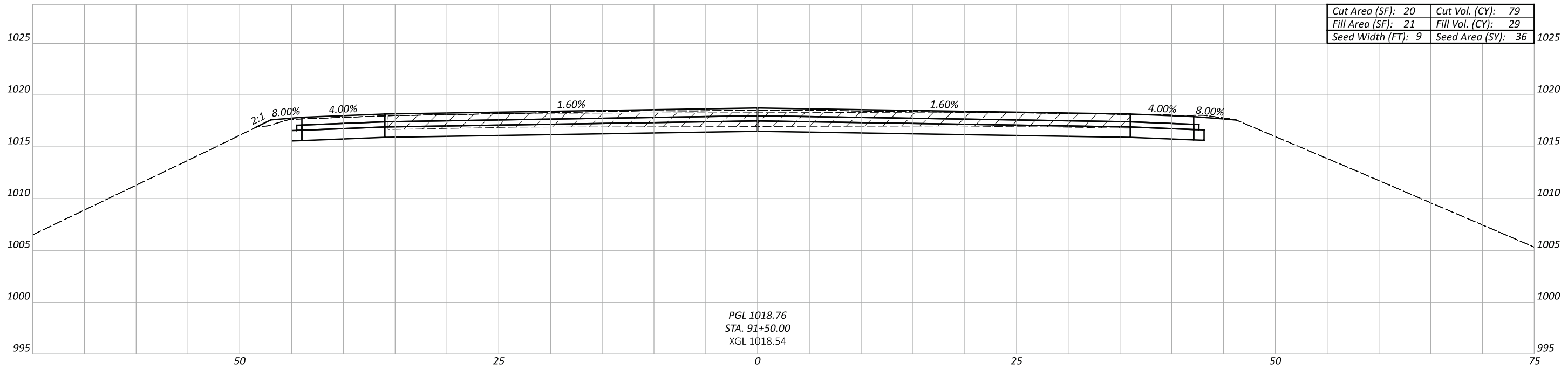
PROJECT ID  
 109072  
 SHEET TOTAL  
 P.122 208



CROSS SECTIONS - U.S. 42  
 STA. 81+00 TO STA. 82+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill	P.123	208
288	129	123		



CROSS SECTIONS - U.S. 42  
 STA. 91+00 TO STA. 91+50

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

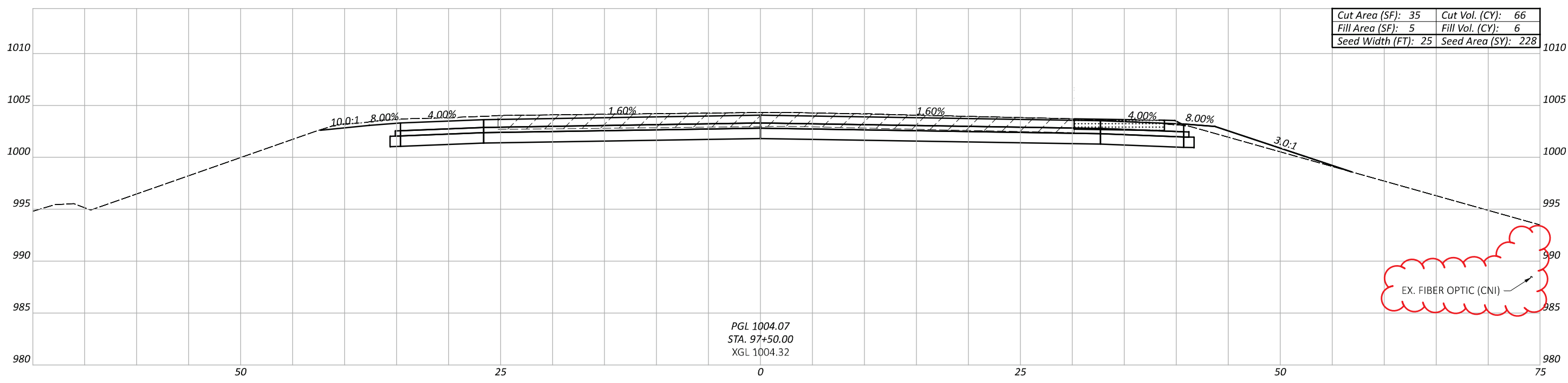
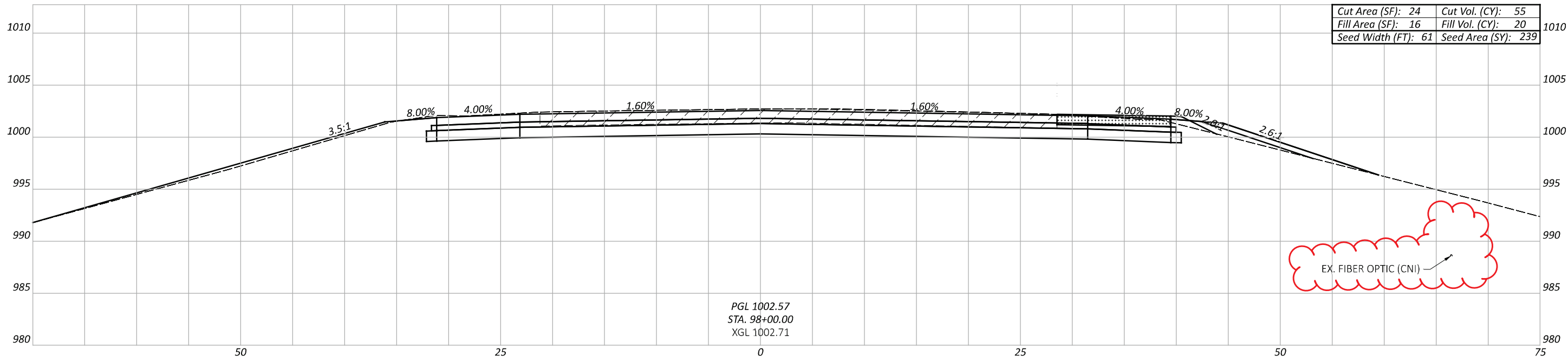
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
47	175	41

SHEET	TOTAL
P.129	208

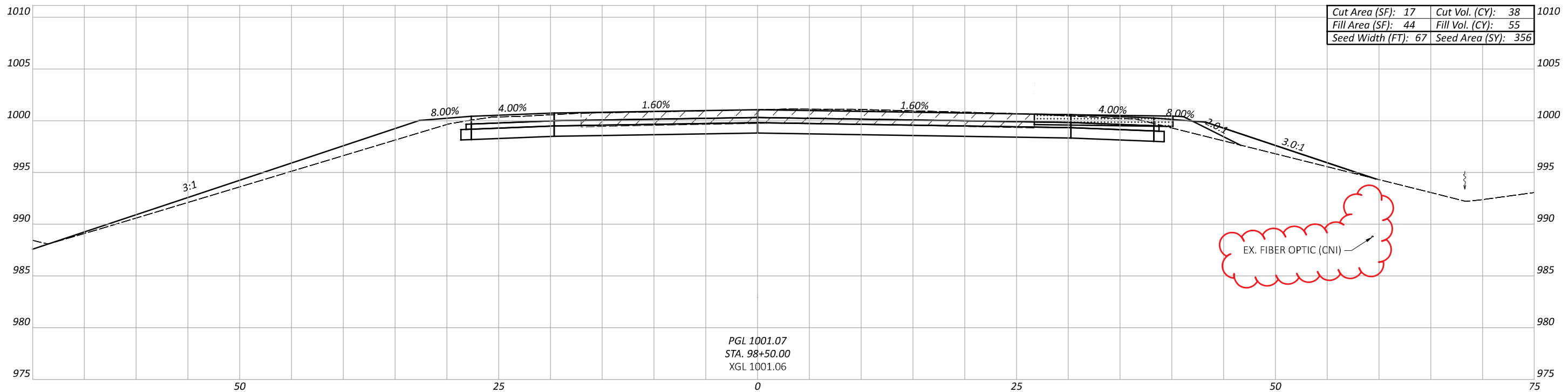
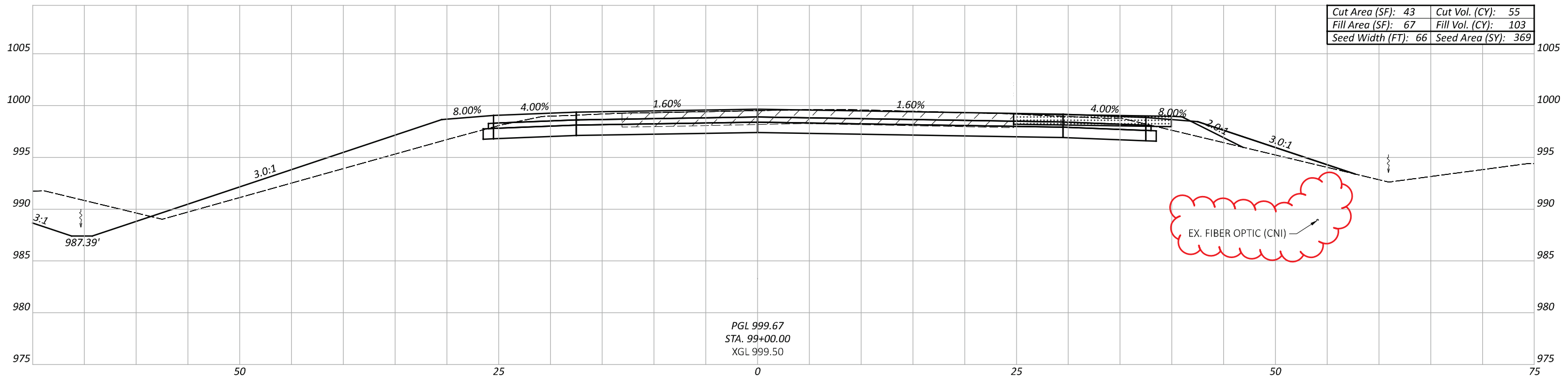


CONCRETE PAVEMENT TO BE REMOVED  TEMPORARY PAVEMENT 

Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
467	121	26	P.135	208

CROSS SECTIONS - U.S. 42  
STA. 97+50 TO STA. 98+00

DESIGN AGENCY  
**TRC**  
DESIGNER  
DSS  
REVIEWER  
JEL 08/26/24  
PROJECT ID  
109072



CROSS SECTIONS - U.S. 42  
 STA. 98+50 TO STA. 99+00

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

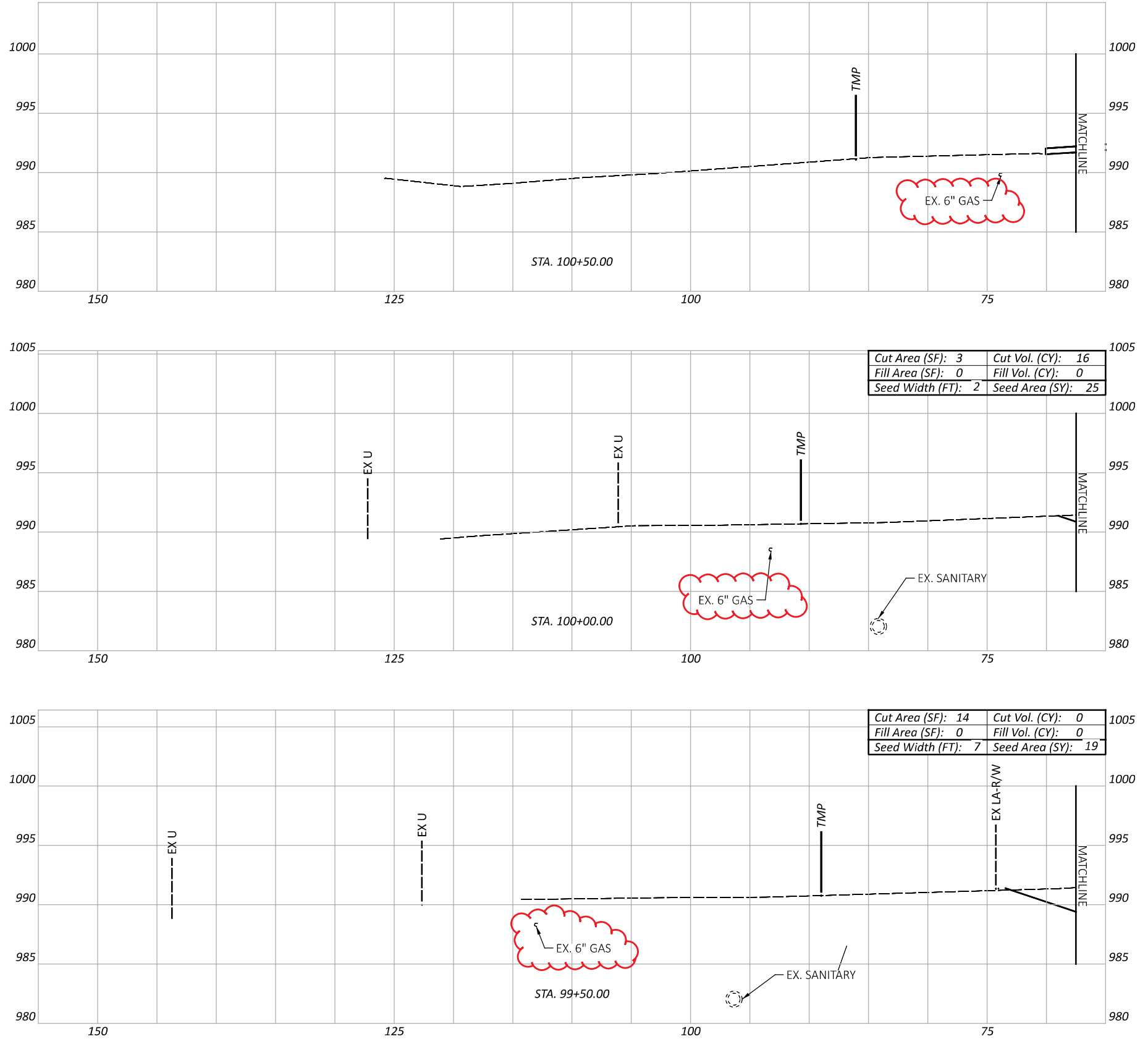
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
725	93	158

SHEET	TOTAL
P.136	208



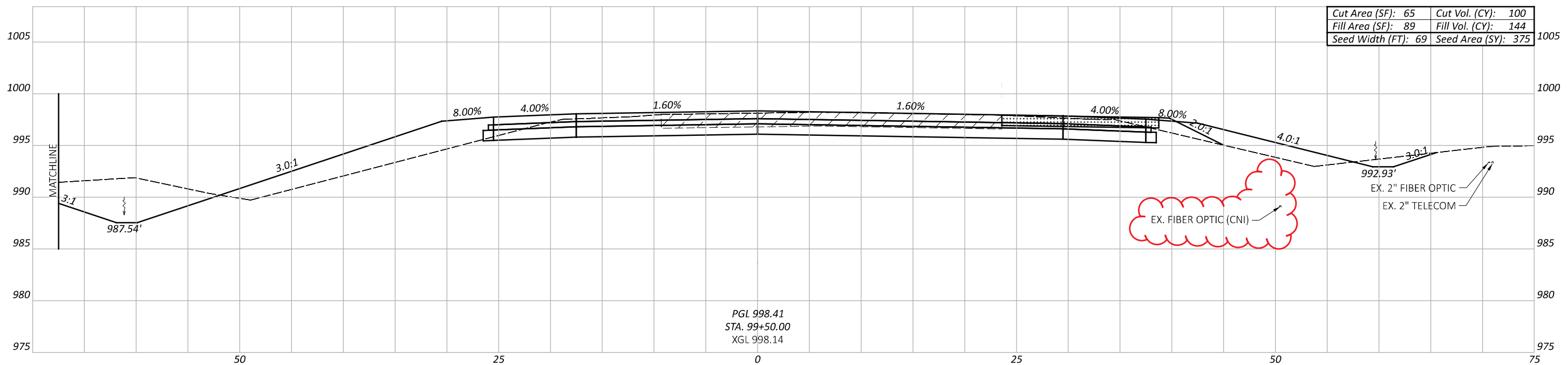
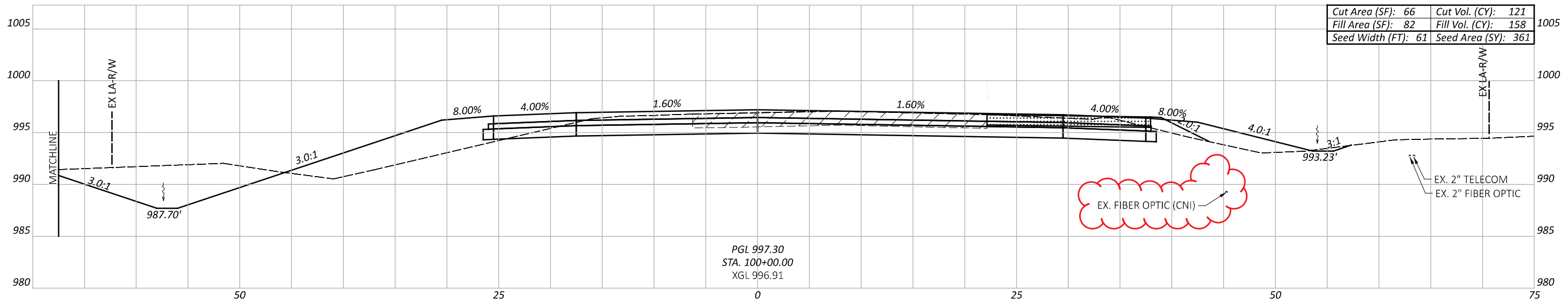
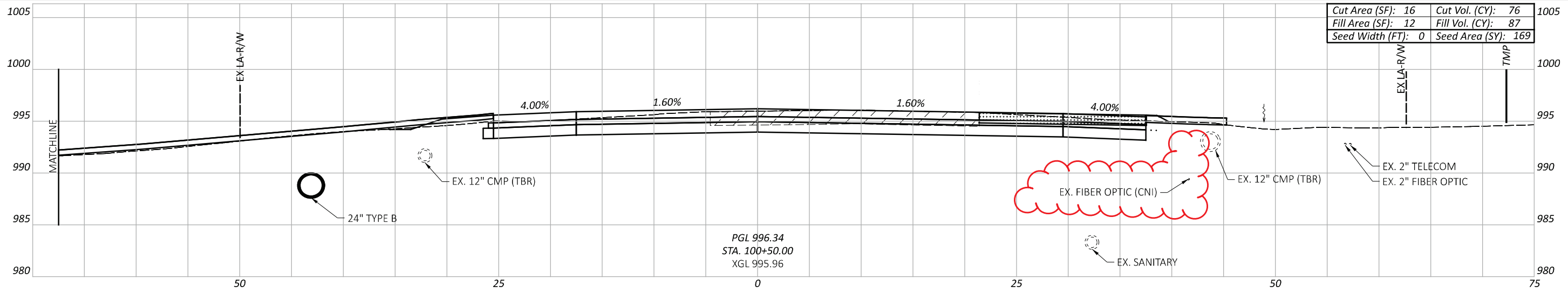
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Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): 2	Seed Area (SY): 25

Cut Area (SF): 14	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT): 7	Seed Area (SY): 19

Sheet Totals		
Seeding	Cut	Fill
44	16	0

CROSS SECTIONS - U.S. 42  
 STA. 99+50 TO STA. 100+50

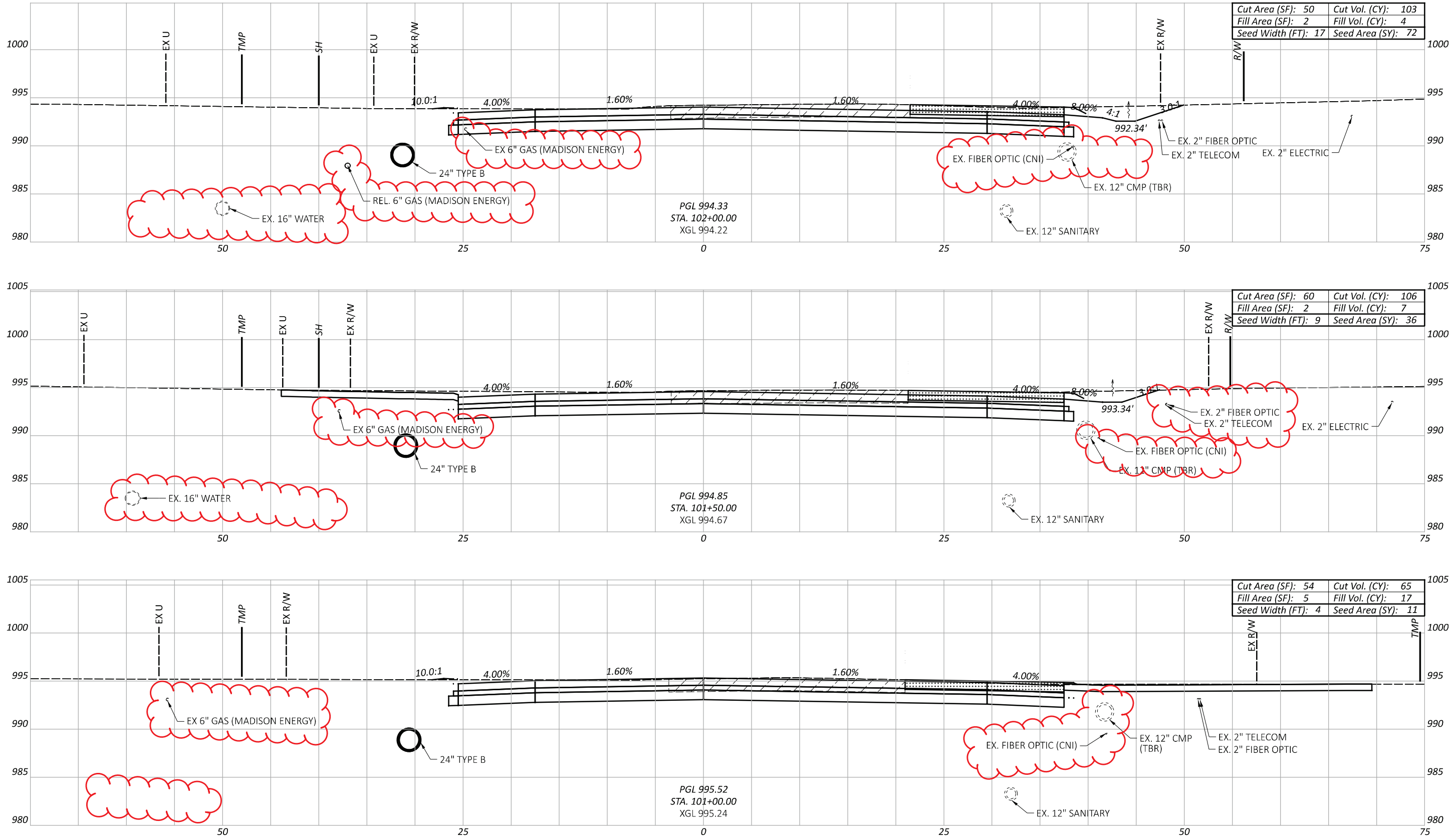
DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.137 208



CROSS SECTIONS - U.S. 42  
 STA. 99+50 TO STA. 100+50

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

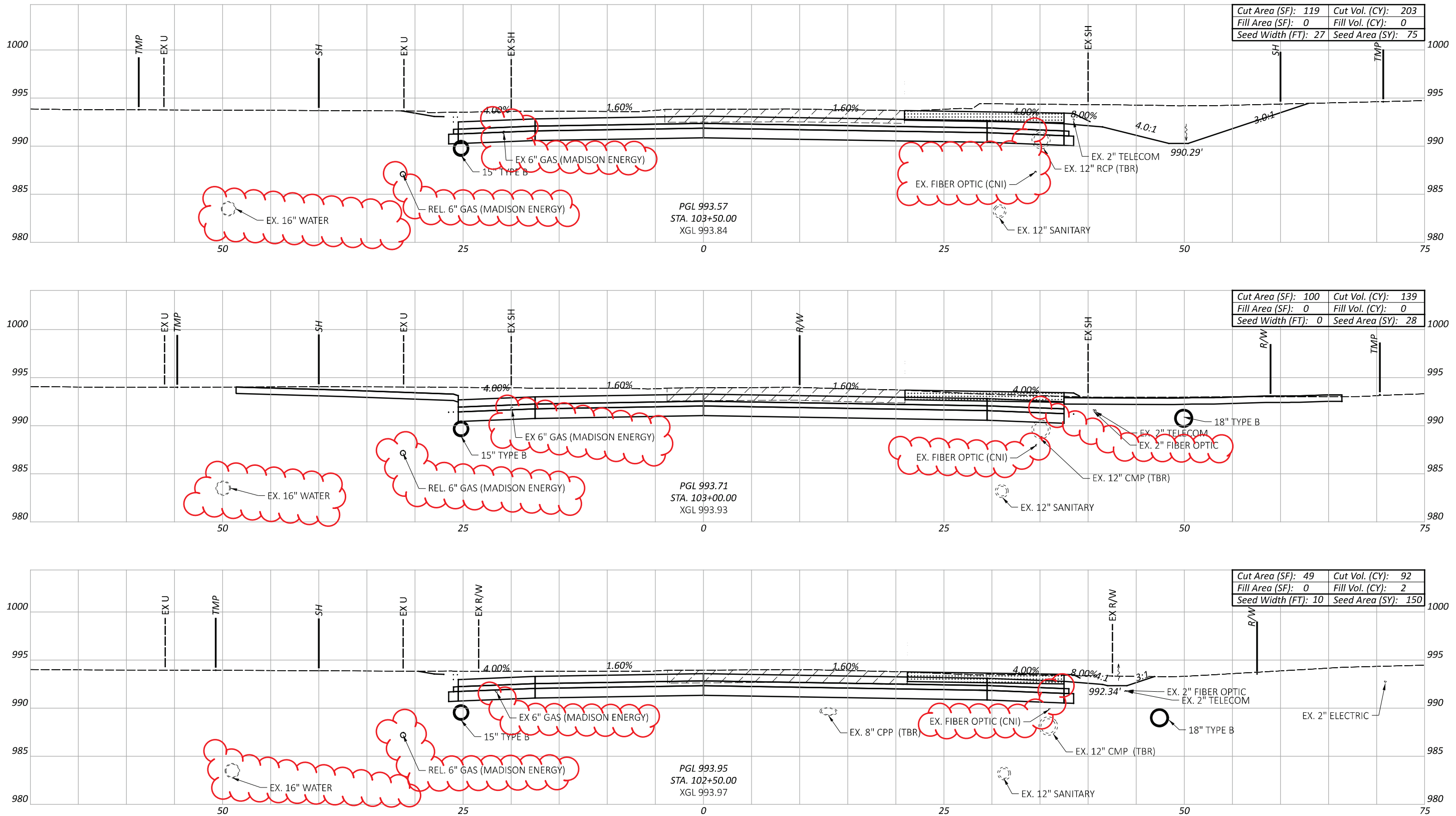
Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill	P.138	208
905	297	389		



CROSS SECTIONS - U.S. 42  
 STA. 101+00 TO STA. 102+00

DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals		
Seeding	Cut	Fill
119	274	28
SHEET	TOTAL	
P.139	208	



CROSS SECTIONS - U.S. 42  
 STA. 102+50 TO STA. 103+50

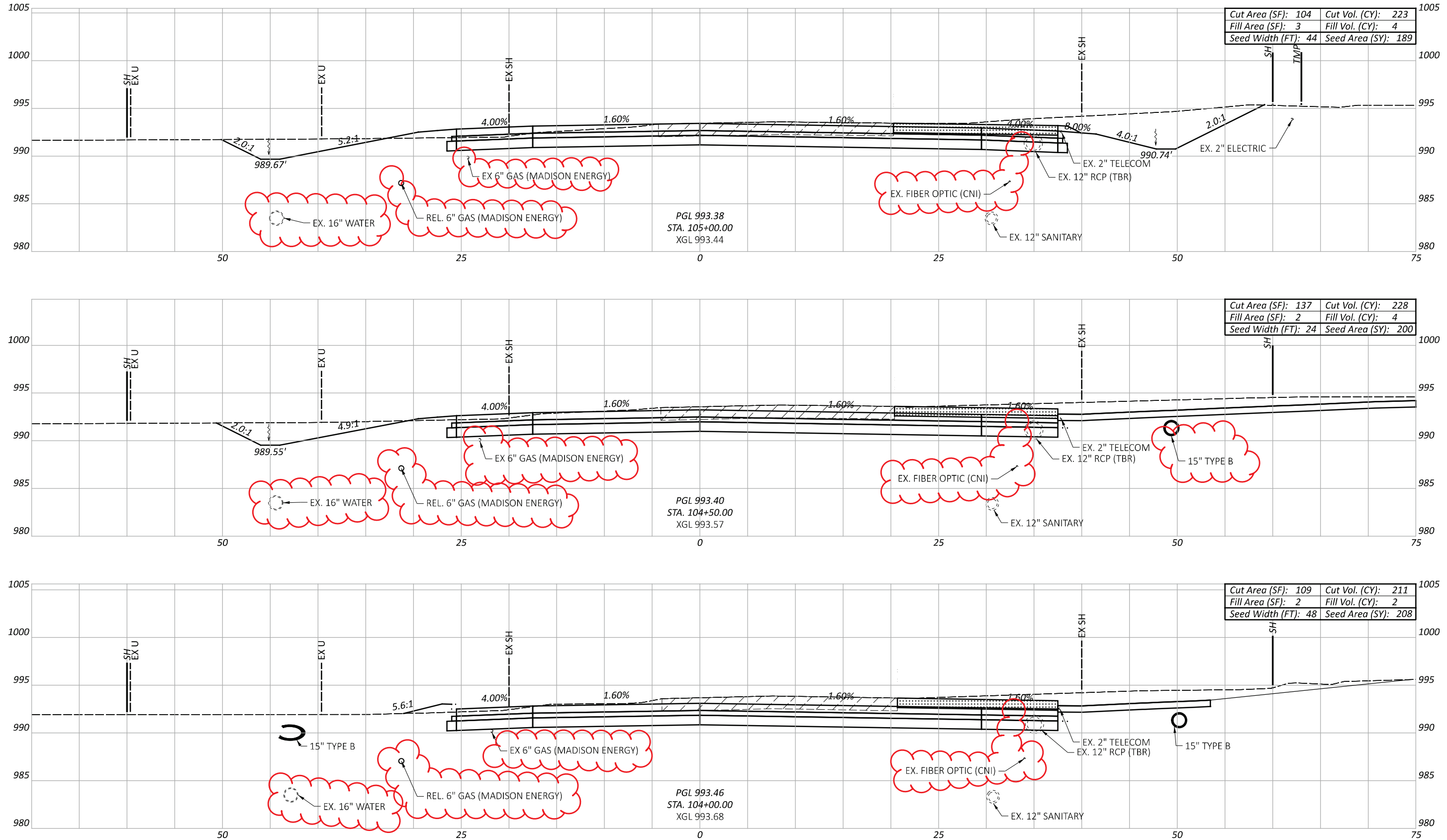
DESIGN AGENCY

DESIGNER  
 DSS

REVIEWER  
 JEL 08/26/24

PROJECT ID  
 109072

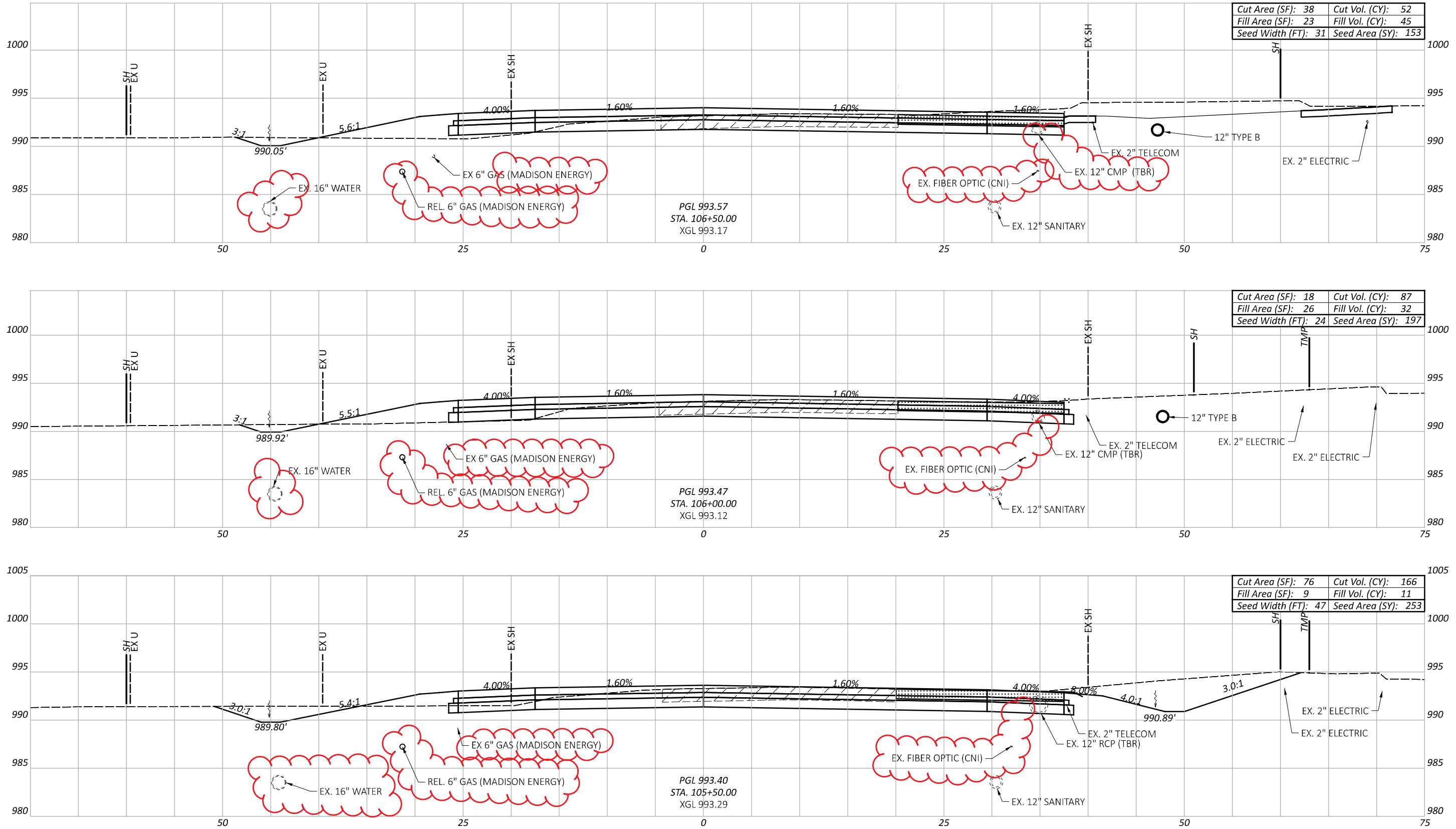
Sheet Totals	
Seeding	Cut
253	434
Fill	TOTAL
2	P.140 208



CROSS SECTIONS - U.S. 42  
 STA. 104+00 TO STA. 105+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

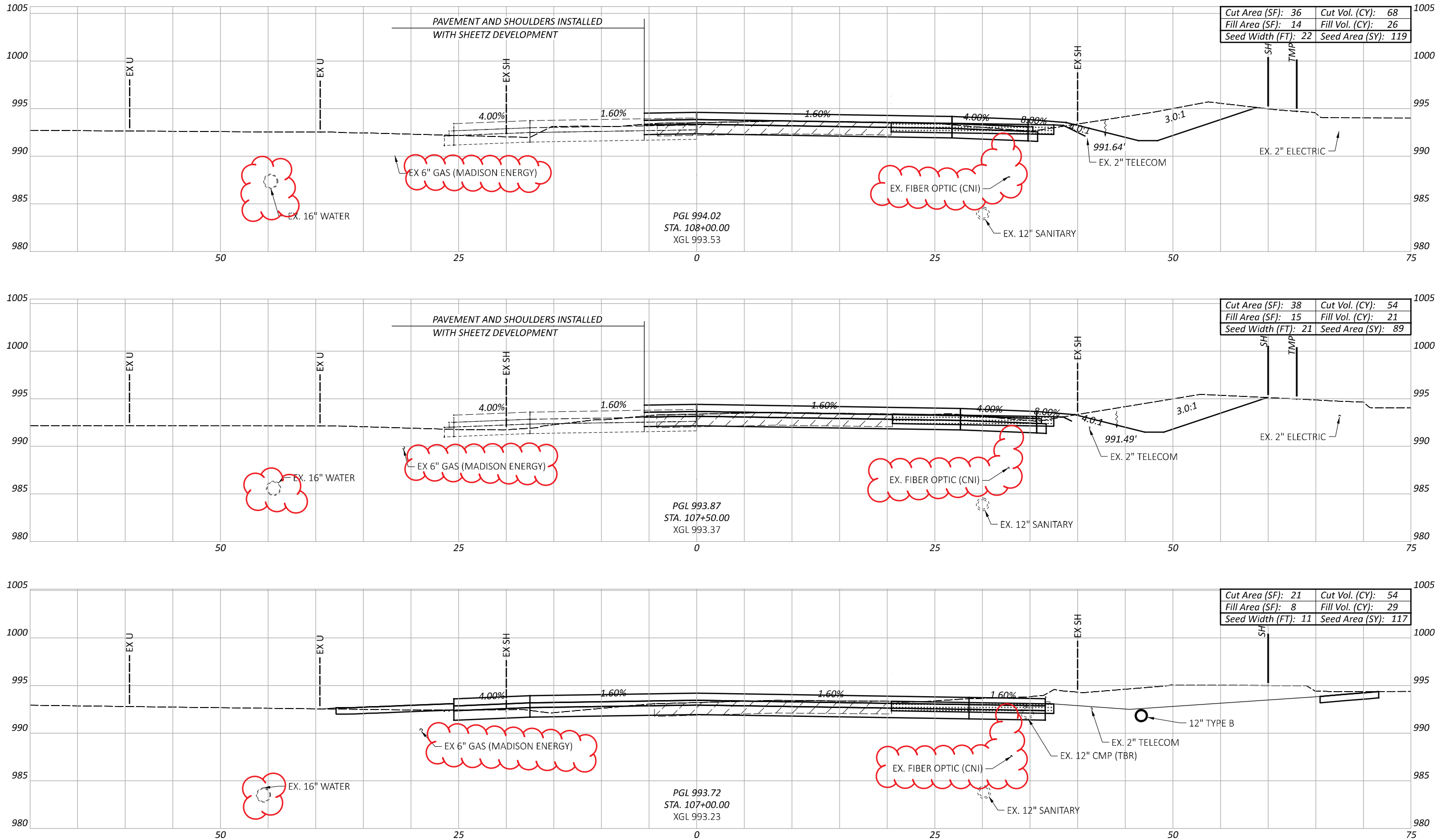
Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.141	208
597	662	10		



CROSS SECTIONS - U.S. 42  
 STA. 105+50 TO STA. 106+50

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

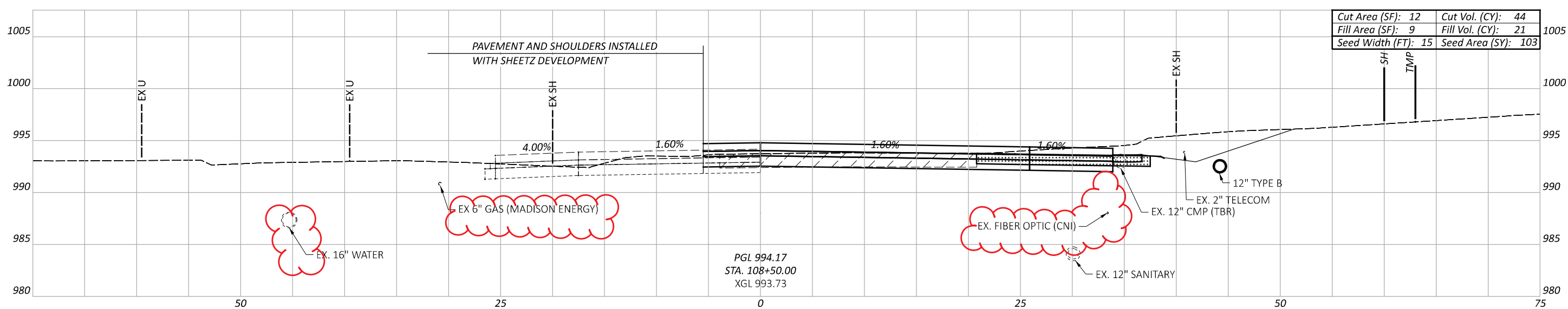
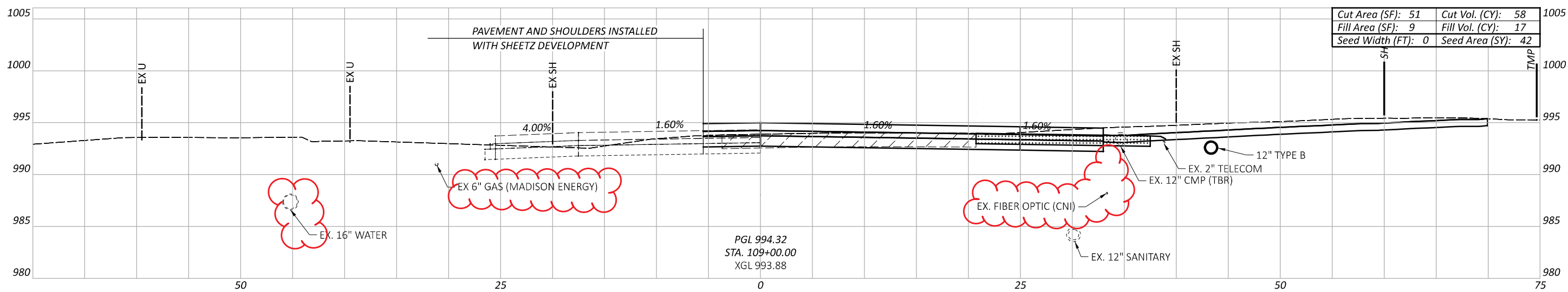
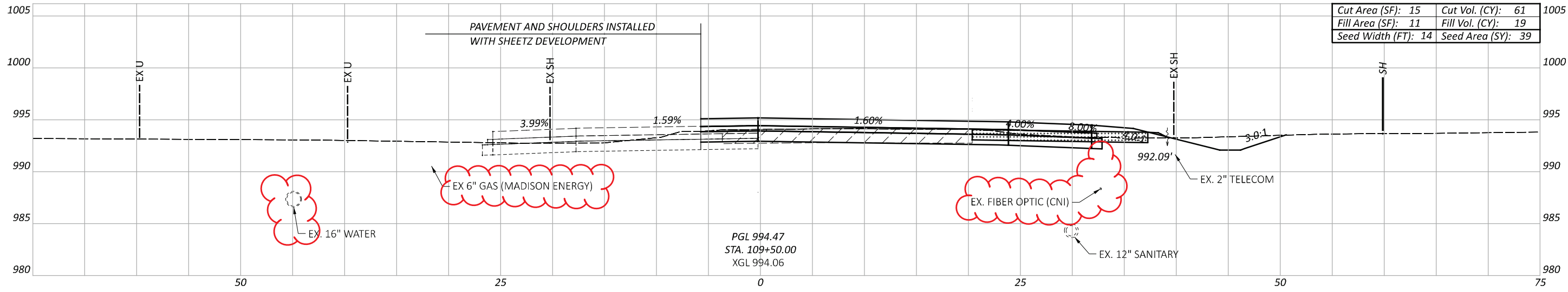
Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
603	305	88	P.142	208



CROSS SECTIONS - U.S. 42  
 STA. 107+00 TO STA. 108+00

DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

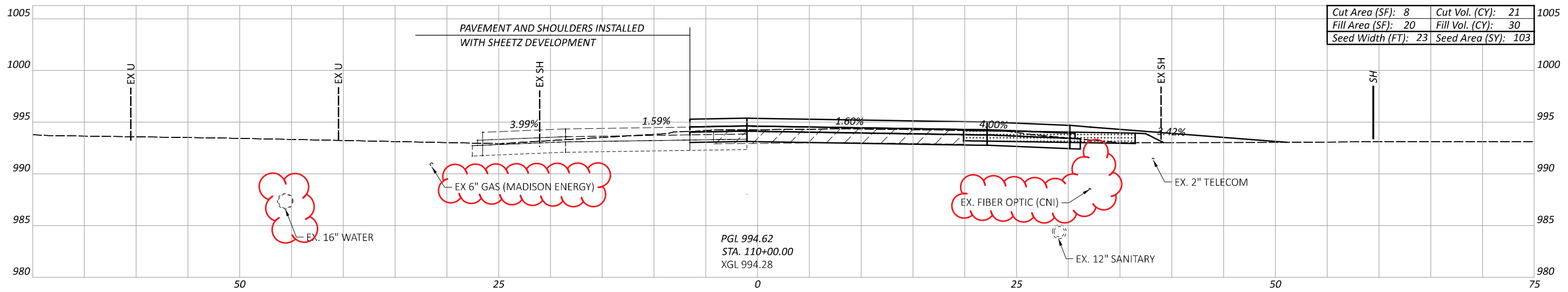
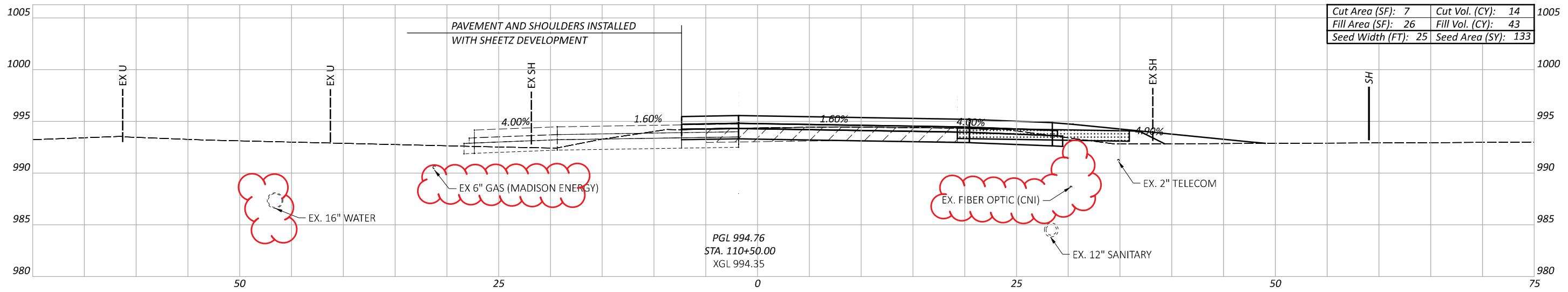
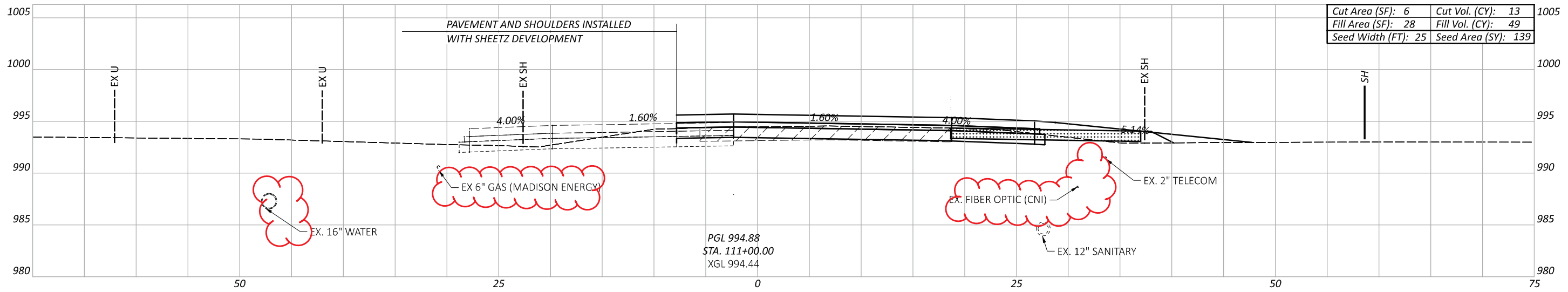
Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.143	208
325	176	76		



Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
184	163	57	P.144	208

CROSS SECTIONS - U.S. 42  
STA. 108+50 TO STA. 109+50

DESIGN AGENCY  
 TRC  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072



CROSS SECTIONS - U.S. 42  
 STA. 110+00 TO STA. 111+00

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

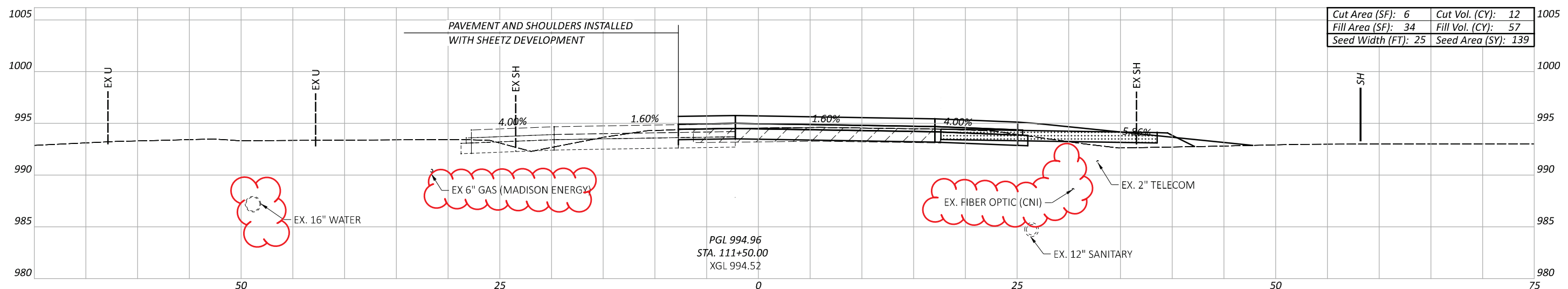
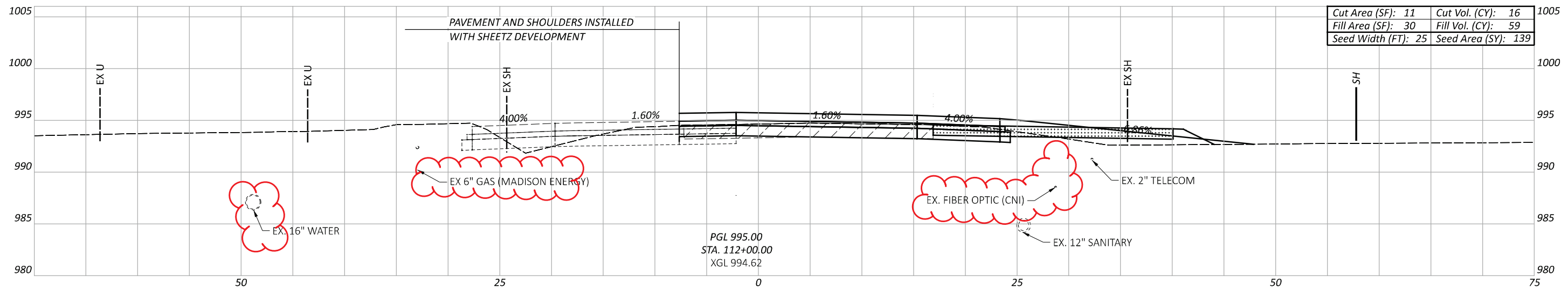
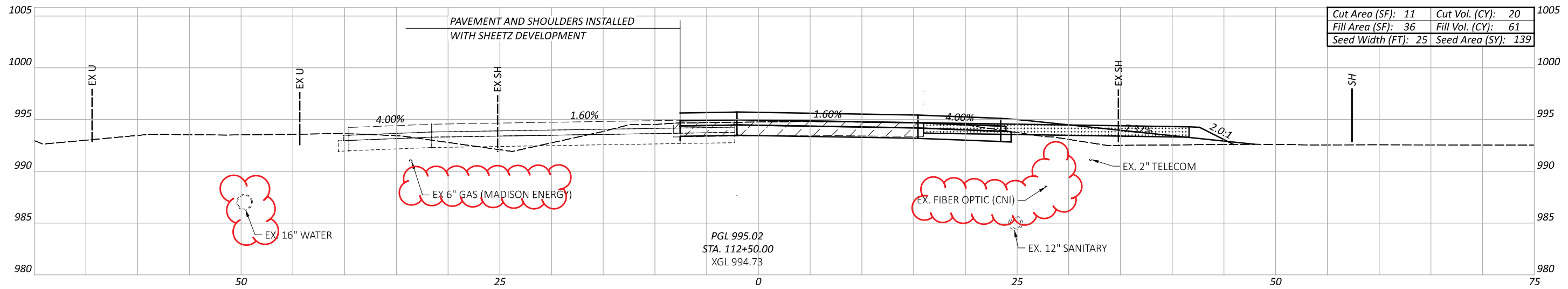
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
375	48	122

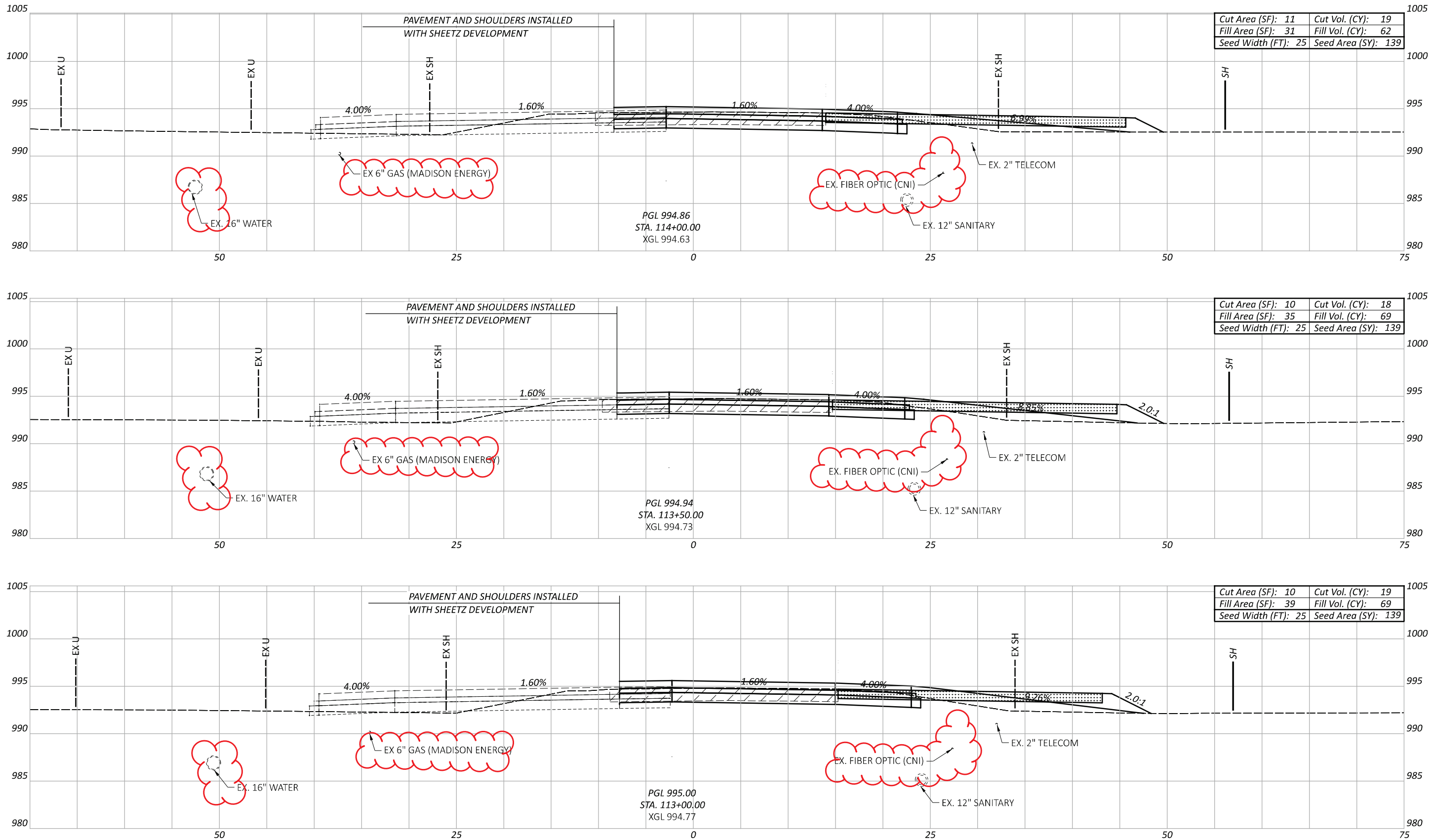
SHEET	TOTAL
P.145	208



Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
417	48	167	P.146	208

CROSS SECTIONS - U.S. 42  
 STA. 111+50 TO STA. 112+50

DESIGN AGENCY  
**TRC**  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072



Cut Area (SF): 11	Cut Vol. (CY): 19
Fill Area (SF): 31	Fill Vol. (CY): 62
Seed Width (FT): 25	Seed Area (SY): 139

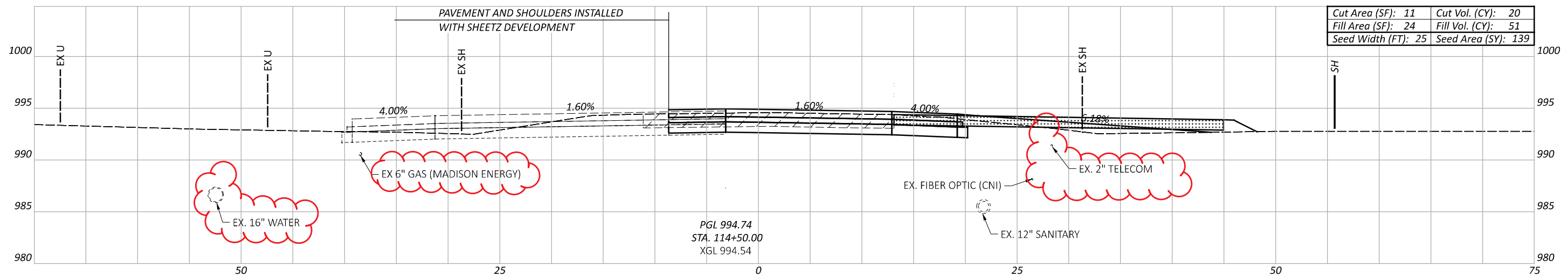
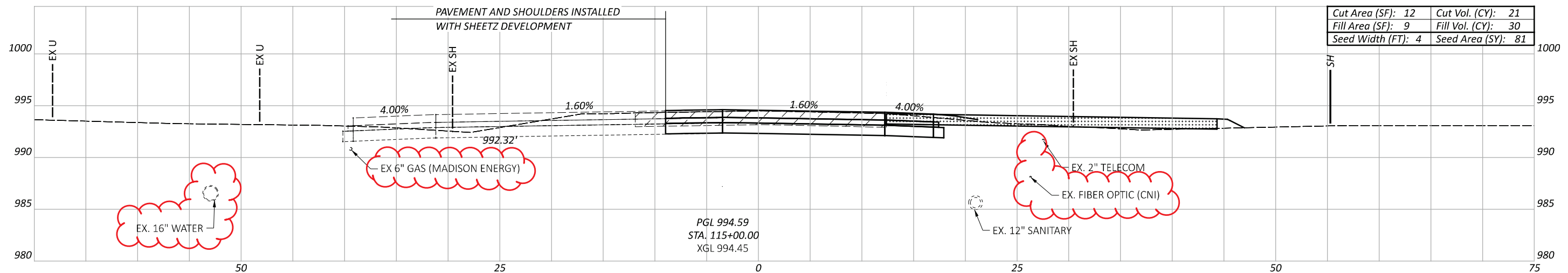
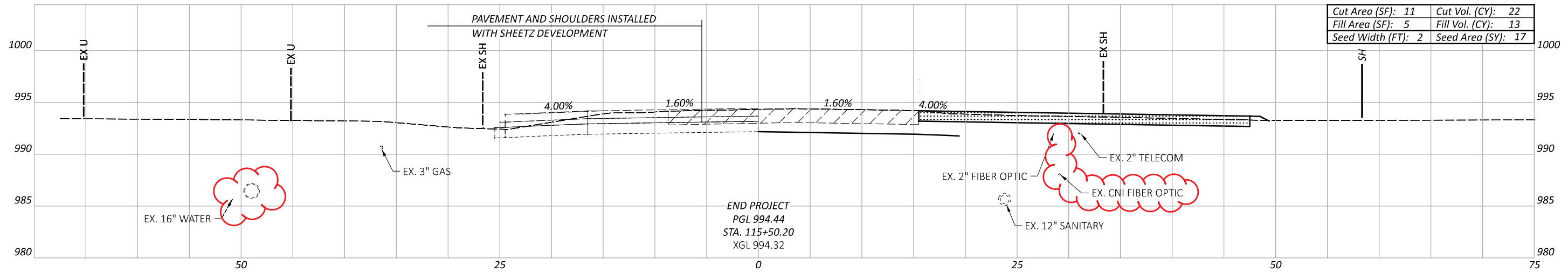
Cut Area (SF): 10	Cut Vol. (CY): 18
Fill Area (SF): 35	Fill Vol. (CY): 69
Seed Width (FT): 25	Seed Area (SY): 139

Cut Area (SF): 10	Cut Vol. (CY): 19
Fill Area (SF): 39	Fill Vol. (CY): 69
Seed Width (FT): 25	Seed Area (SY): 139

CROSS SECTIONS - U.S. 42  
 STA. 113+00 TO STA. 114+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.147	208
417	56	260		



CROSS SECTIONS - U.S. 42  
 STA. 114+50 TO STA. 115+25.15

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

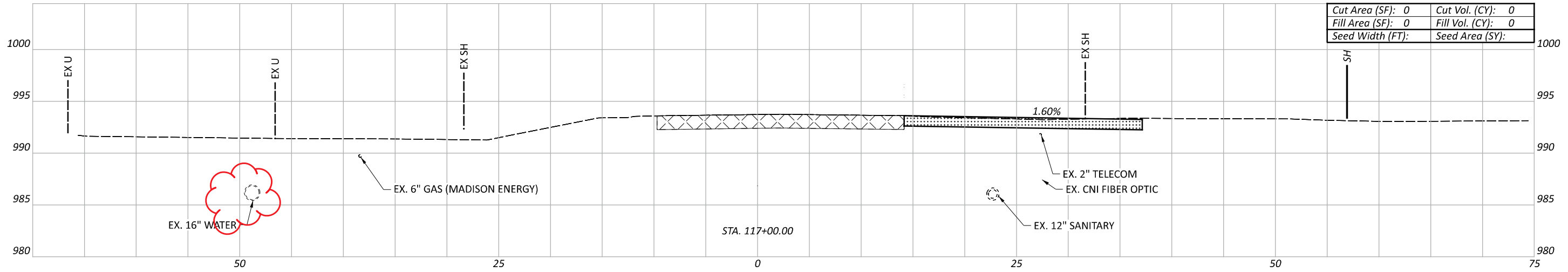
JEL 08/26/24

PROJECT ID

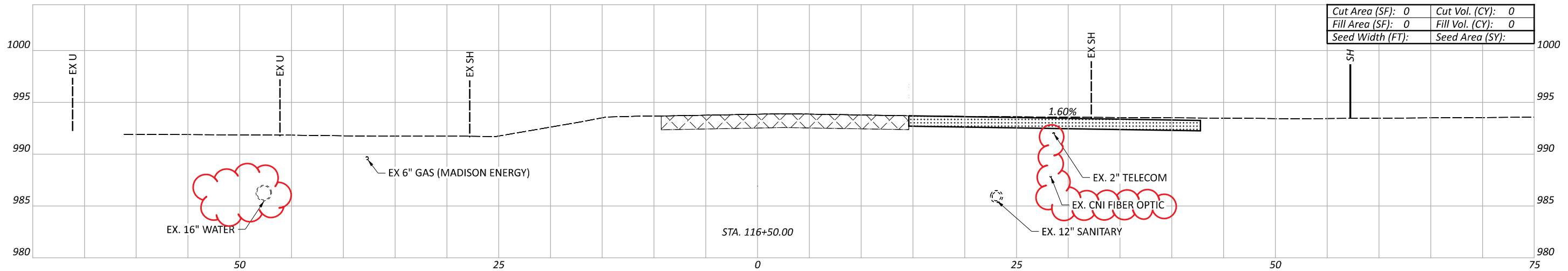
109072

Sheet Totals		
Seeding	Cut	Fill
237	63	94

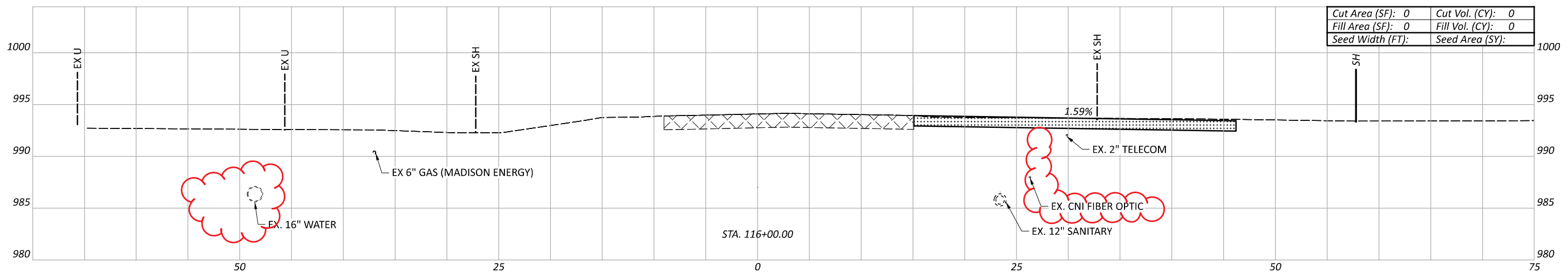
SHEET	TOTAL
P.148	208



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



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

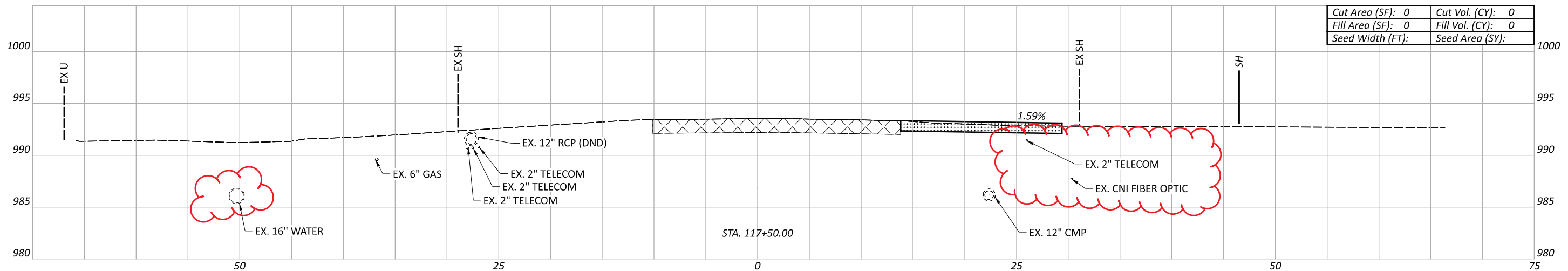
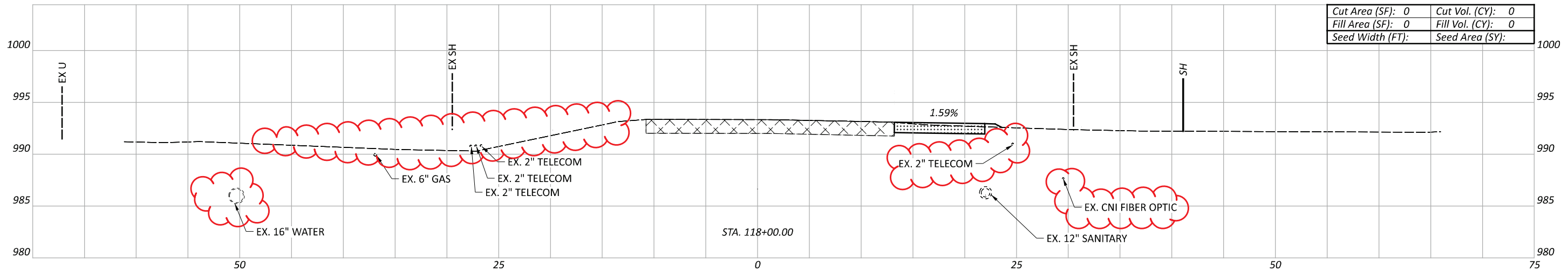
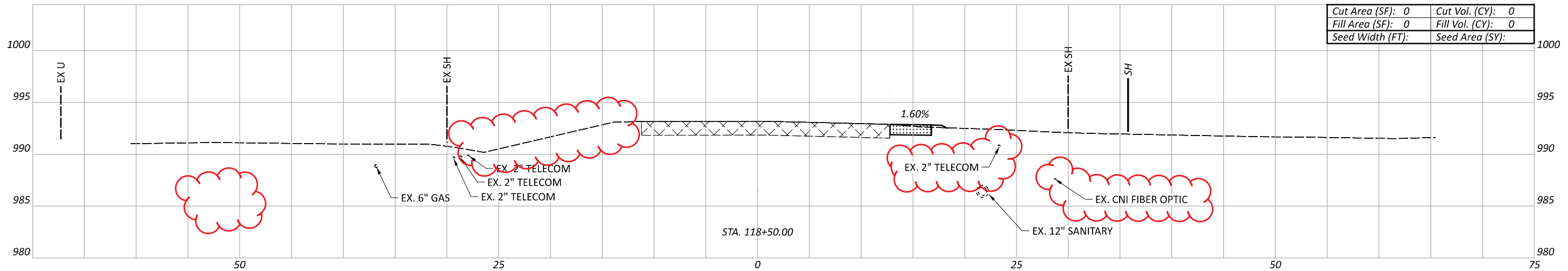


Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

CROSS SECTIONS - U.S. 42  
 STA. 116+00 TO STA. 117+50


DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

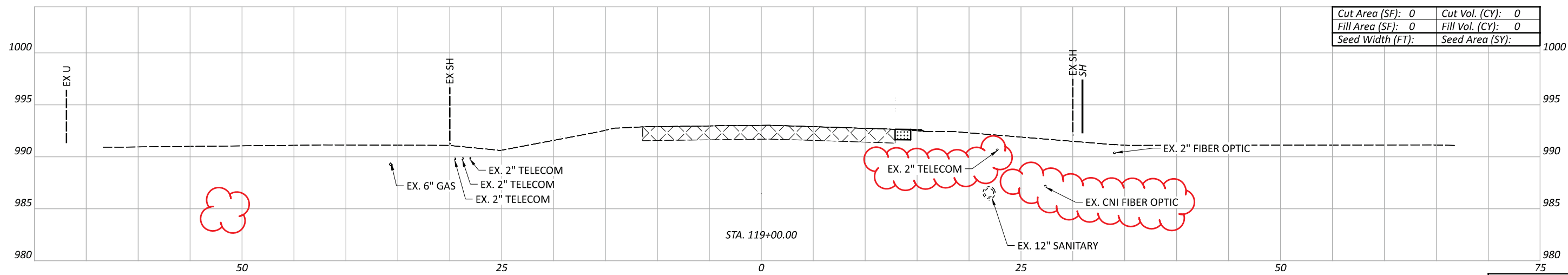
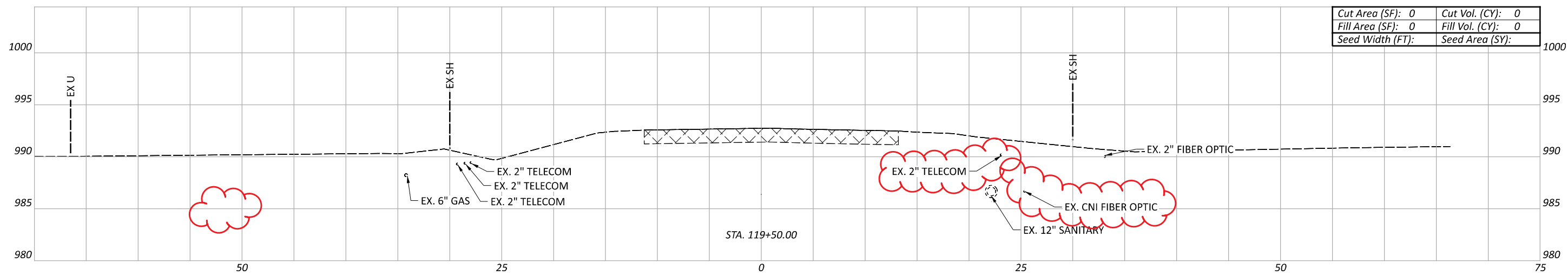
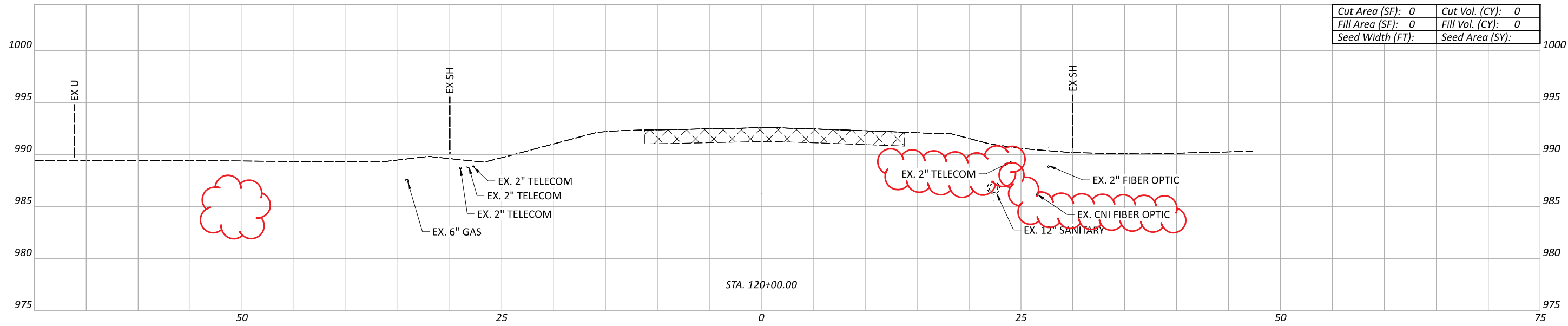
Sheet Totals			109072
Seeding	Cut	Fill	TOTAL
			P.149   208



Sheet Totals		
Seeding	Cut	Fill

CROSS SECTIONS - U.S. 42  
 STA. 117+50 TO STA. 119+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072  
 SHEET TOTAL  
 P.150 208



Sheet Totals		
Seeding	Cut	Fill

CROSS SECTIONS - U.S. 42  
STA. 119+00 TO STA. 120+50

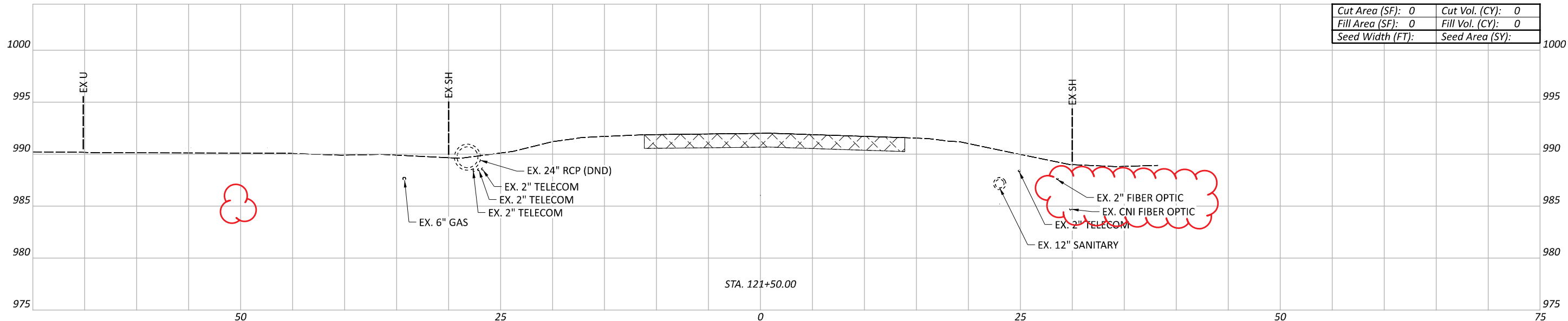
DESIGN AGENCY  
**TRC**

DESIGNER  
DSS

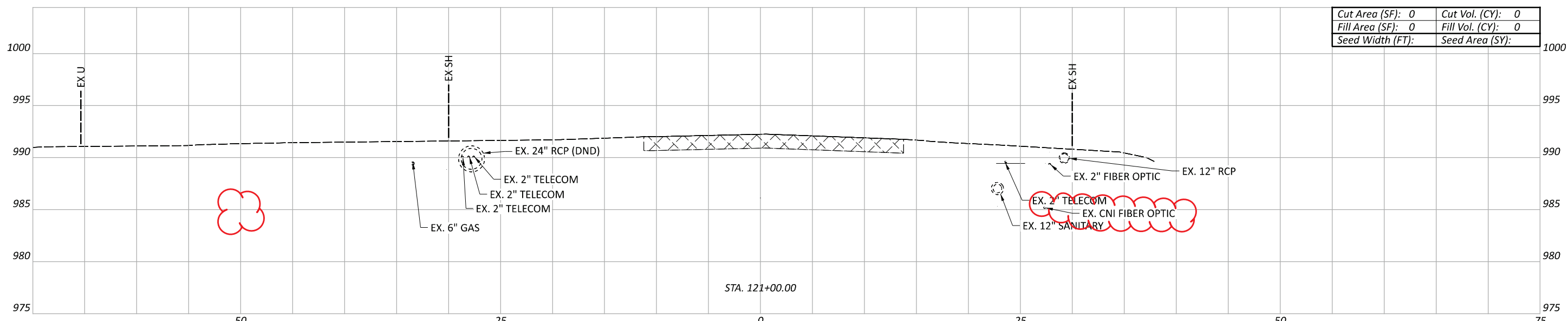
REVIEWER  
JEL 08/26/24

PROJECT ID  
109072

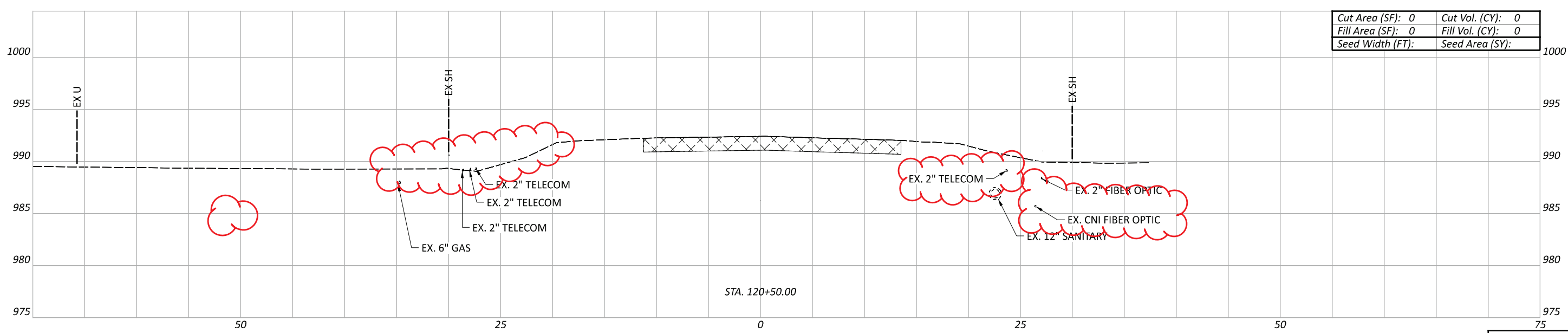
SHEET TOTAL  
P.151 208



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




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

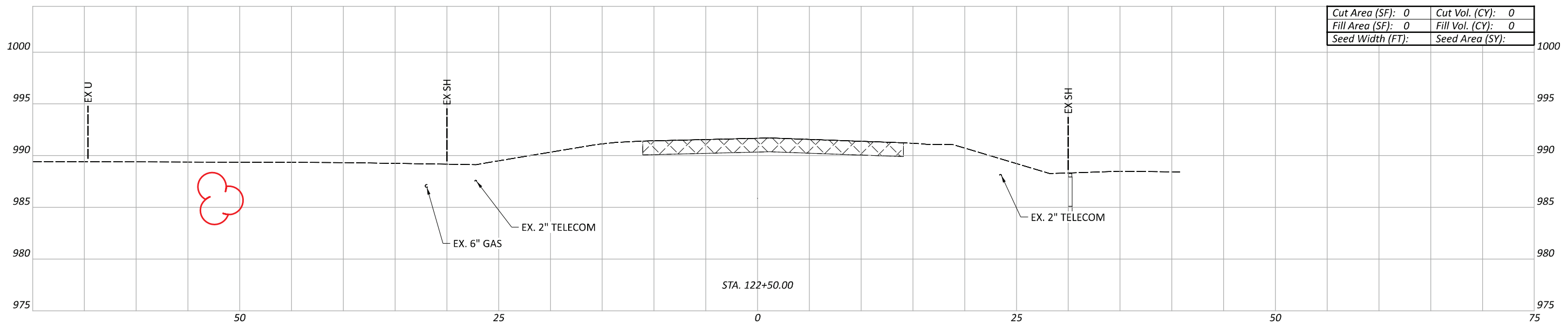
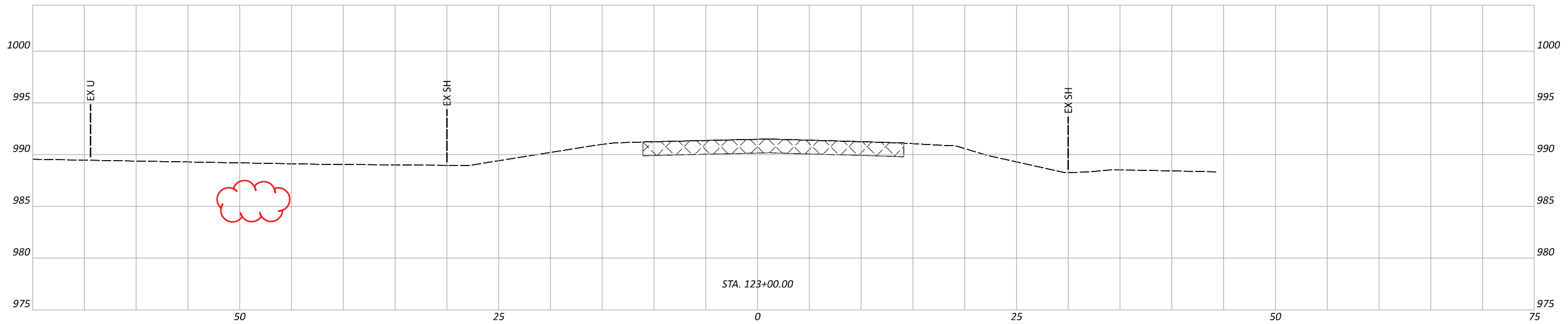


Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

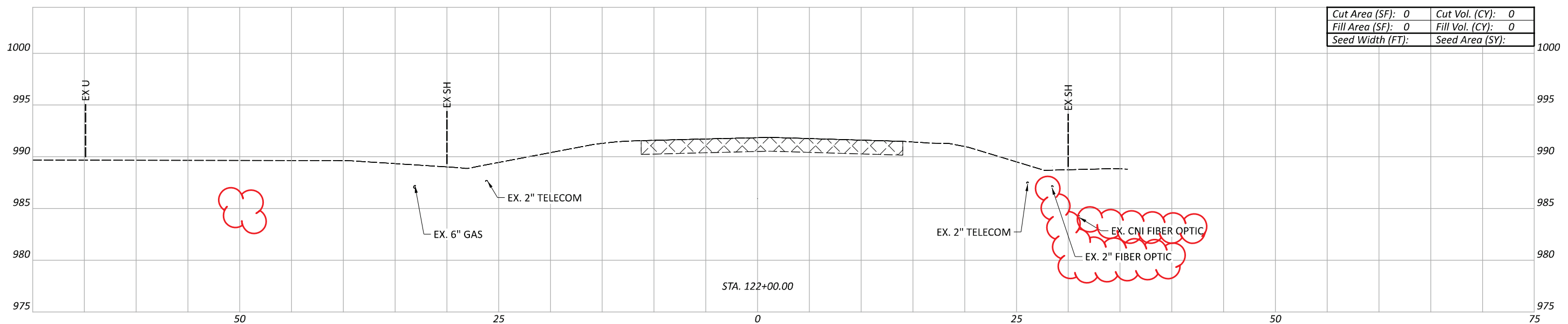
CROSS SECTIONS - U.S. 42  
 STA. 120+50 TO STA. 122+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072

Sheet Totals			109072	
Seeding	Cut	Fill	SHEET	TOTAL
			P.152	208




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

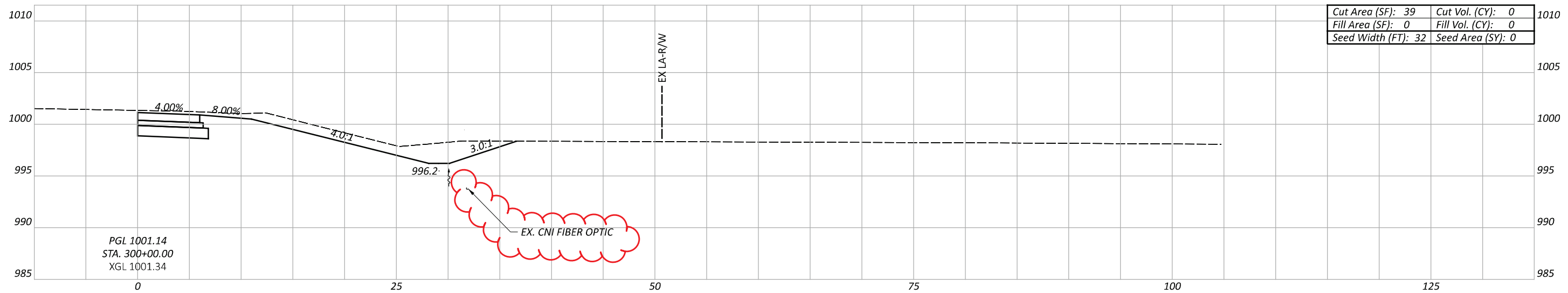
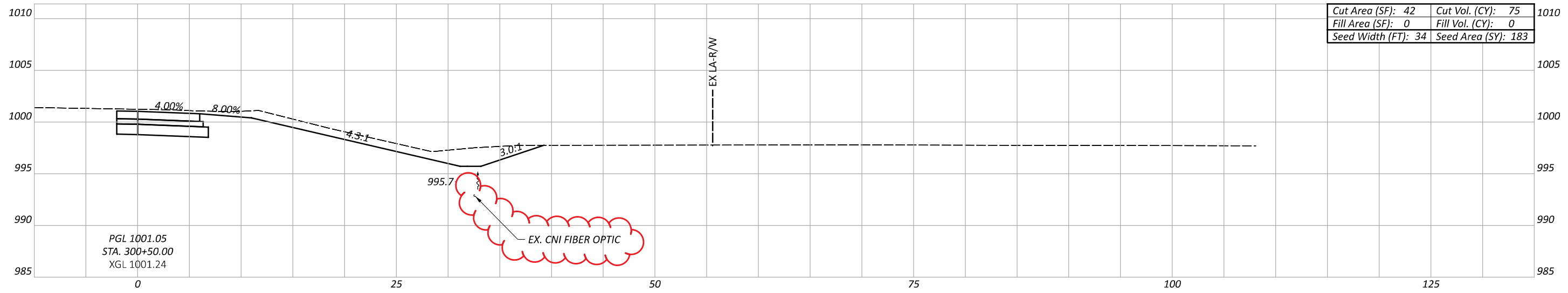


Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

Sheet Totals			109072
Seeding	Cut	Fill	TOTAL
			P.153   208

CROSS SECTIONS - U.S. 42  
 STA. 122+00 TO STA. 123+00

DESIGN AGENCY  
  
 DESIGNER  
 DSS  
 REVIEWER  
 JEL 08/26/24  
 PROJECT ID  
 109072



RAMP C DITCH IMPROVEMENT CROSS SECTIONS  
 STA. 300+00 TO STA. 301+00

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

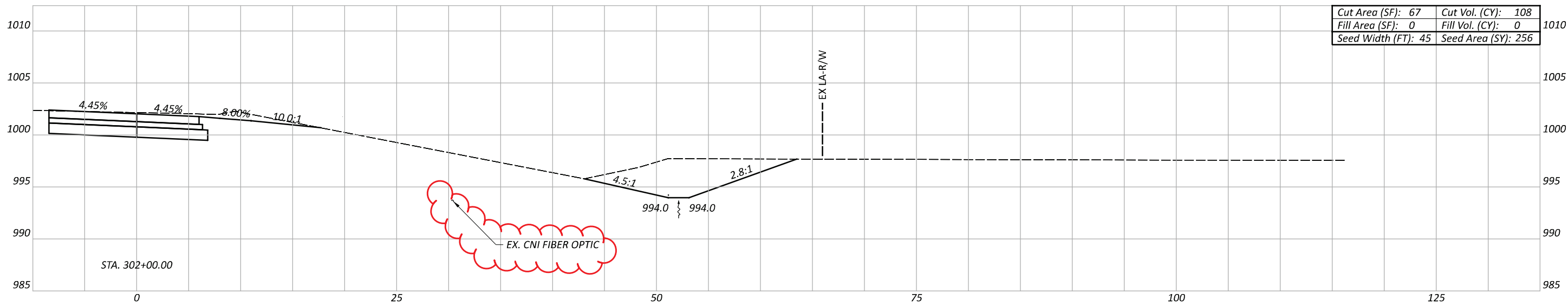
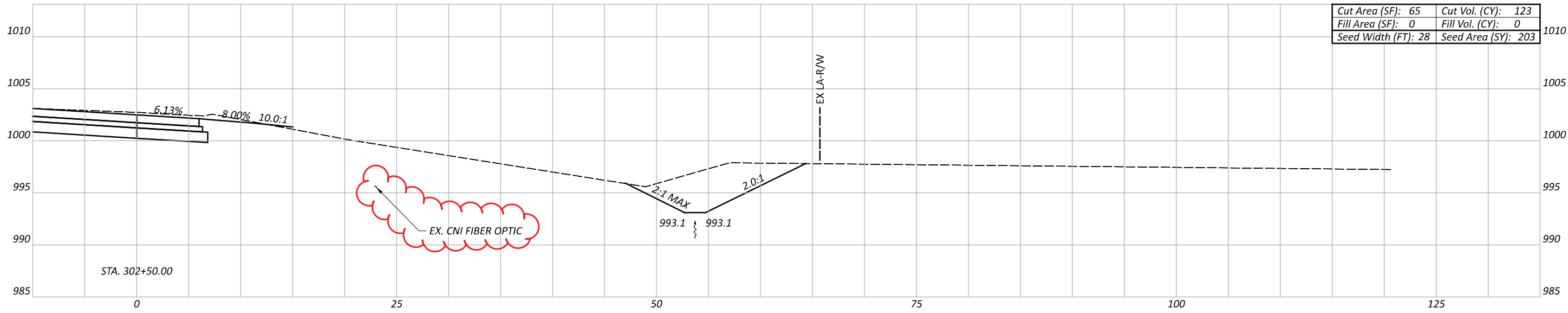
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
386	151	0

SHEET	TOTAL
P.154	208



RAMP C DITCH IMPROVEMENT CROSS SECTIONS  
 STA. 301+50 TO STA. 302+50

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

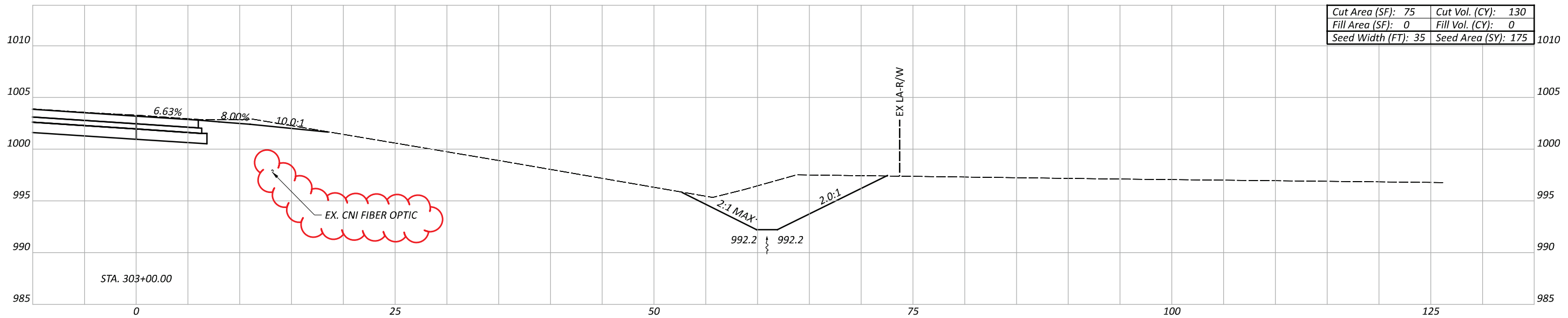
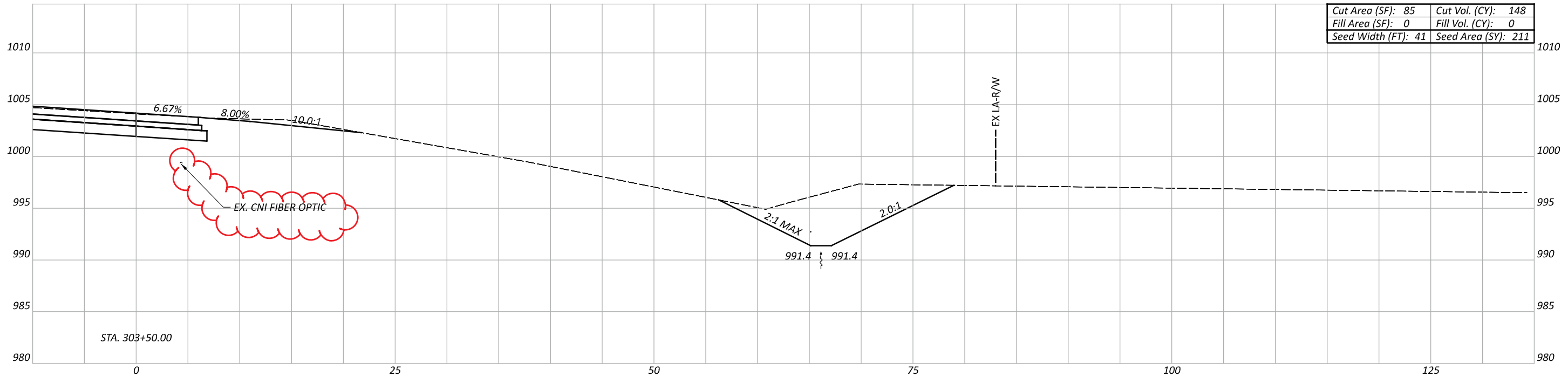
JEL 08/26/24

PROJECT ID

109072

Sheet Totals		
Seeding	Cut	Fill
698	322	0

SHEET	TOTAL
P.155	208



RAMP C DITCH IMPROVEMENT CROSS SECTIONS  
 STA. 303+00 TO STA. 303+50

DESIGN AGENCY



DESIGNER

DSS

REVIEWER

JEL 08/26/24

PROJECT ID

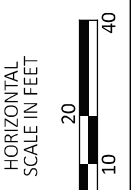
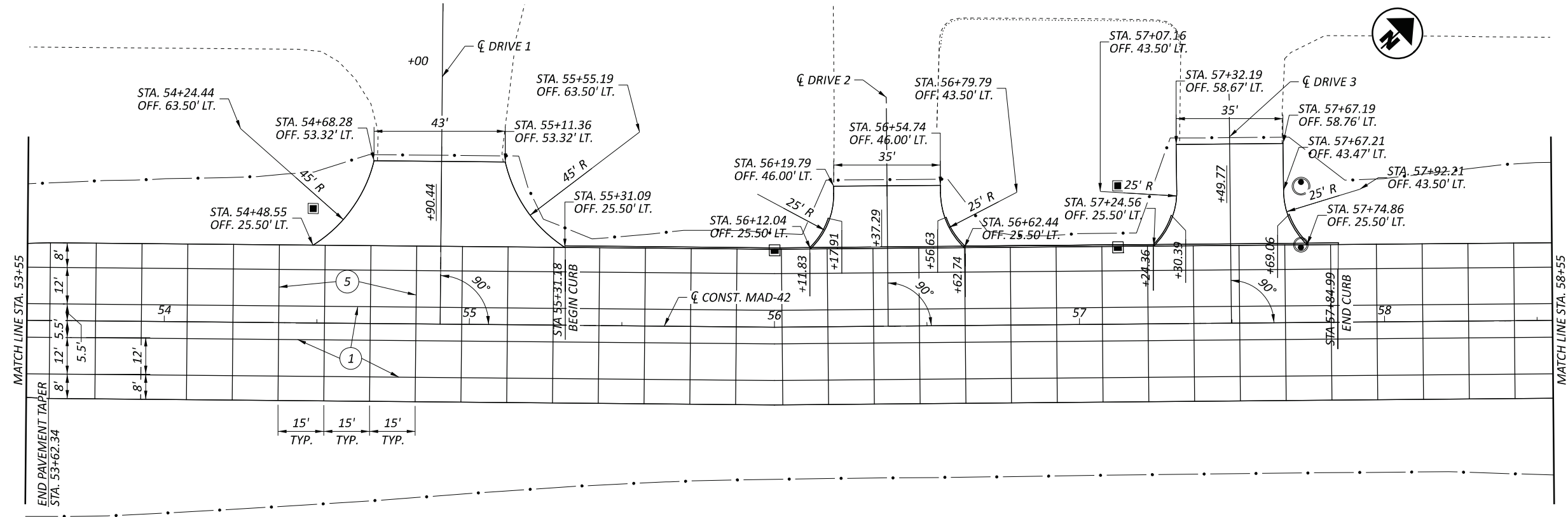
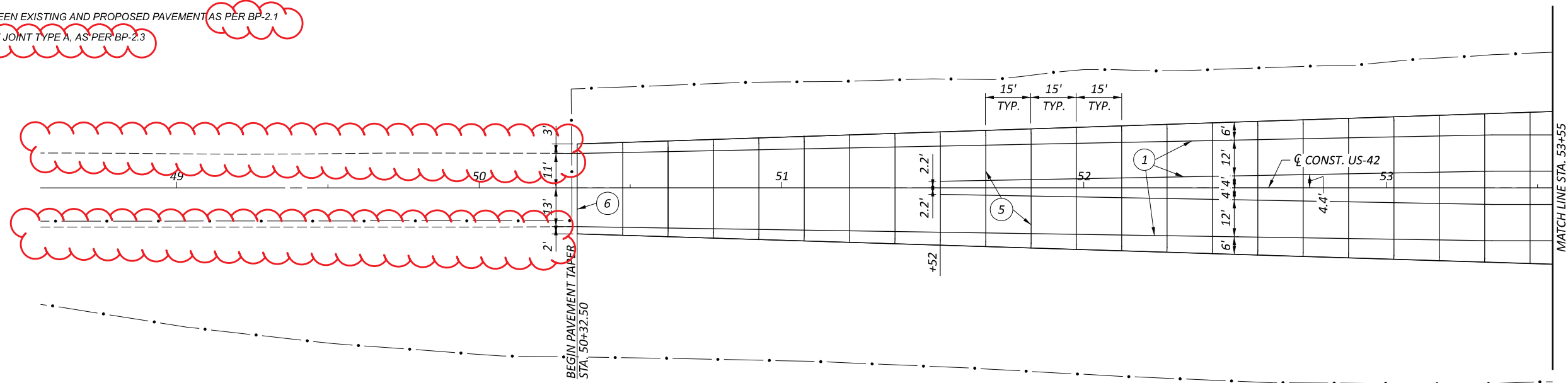
109072

Sheet Totals		
Seeding	Cut	Fill
386	278	0

SHEET	TOTAL
P.156	208

LEGEND

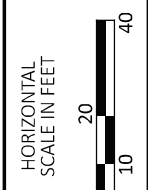
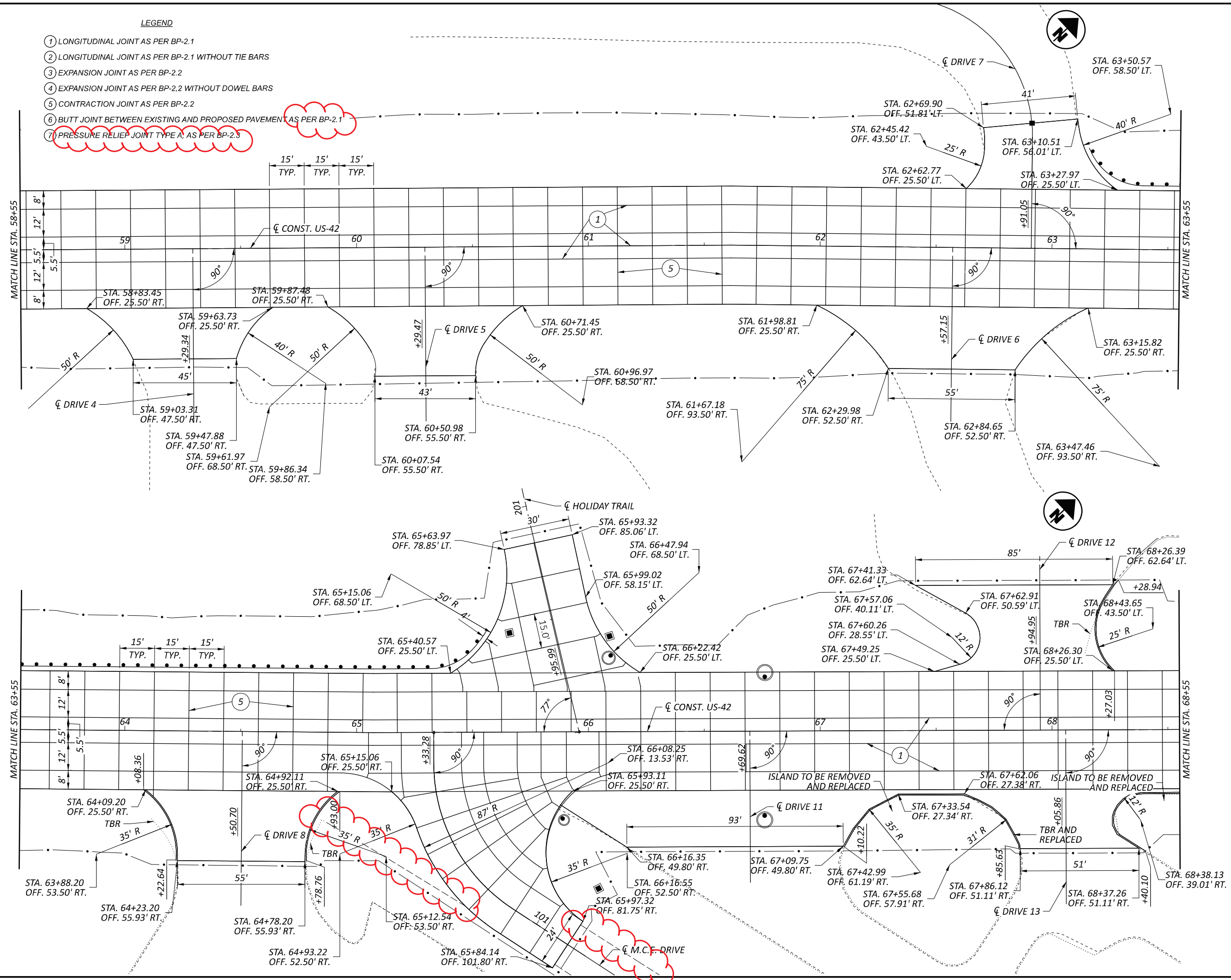
- ① LONGITUDINAL JOINT AS PER BP-2.1
- ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- ③ EXPANSION JOINT AS PER BP-2.2
- ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- ⑤ CONTRACTION JOINT AS PER BP-2.2
- ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
- ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3



DRIVEWAY AND PAVEMENT JOINT DETAIL  
 STA. 48+55.00 TO STA. 58+55.00

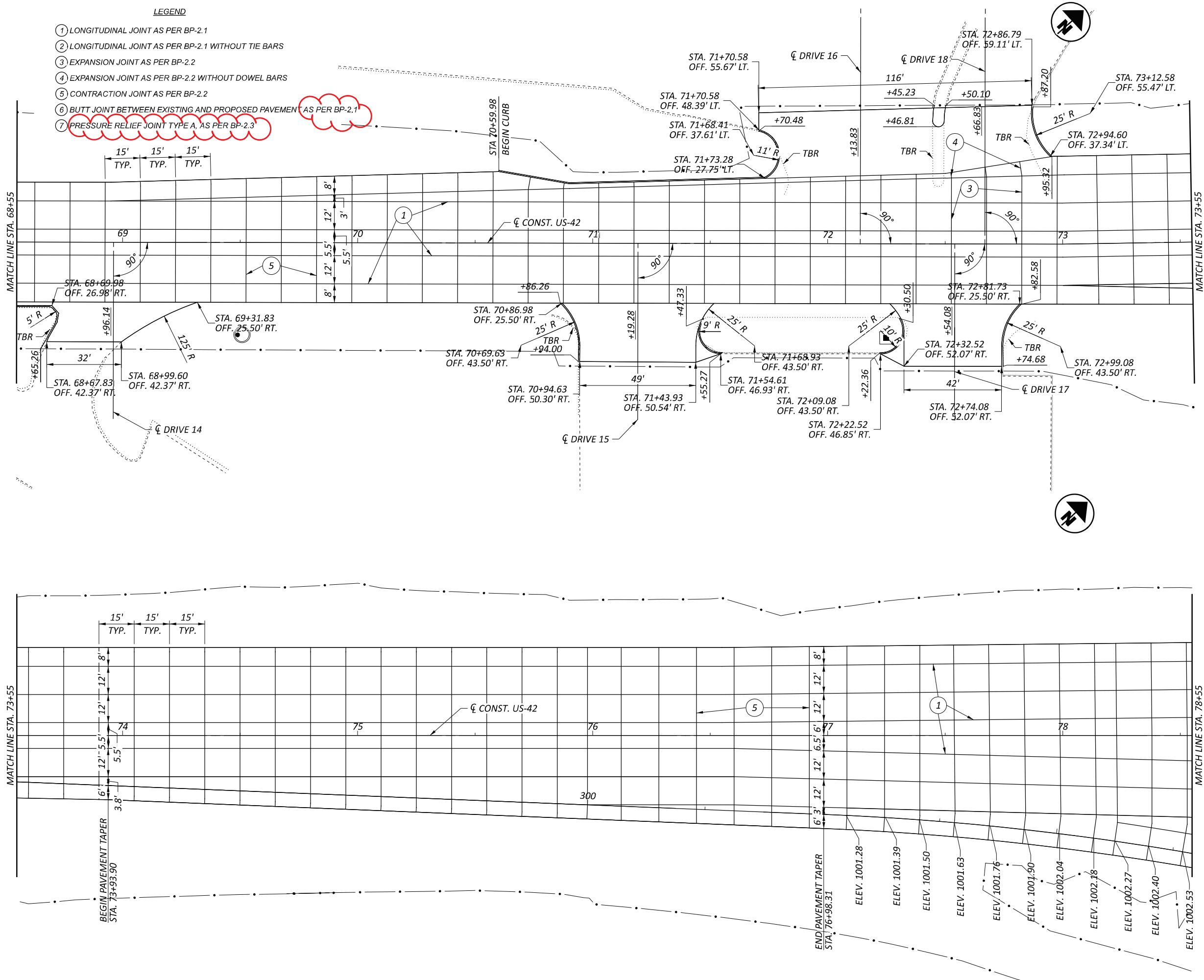
DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DP
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	TOTAL
P.169	208

- LEGEND**
- ① LONGITUDINAL JOINT AS PER BP-2.1
  - ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
  - ③ EXPANSION JOINT AS PER BP-2.2
  - ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
  - ⑤ CONTRACTION JOINT AS PER BP-2.2
  - ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
  - ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3

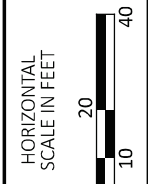


**DRIVEWAY AND PAVEMENT JOINT DETAIL**  
STA. 58+55.00 TO STA. 68+55.00

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DP
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	P.170
TOTAL	208



- LEGEND**
- ① LONGITUDINAL JOINT AS PER BP-2.1
  - ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
  - ③ EXPANSION JOINT AS PER BP-2.2
  - ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
  - ⑤ CONTRACTION JOINT AS PER BP-2.2
  - ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
  - ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3

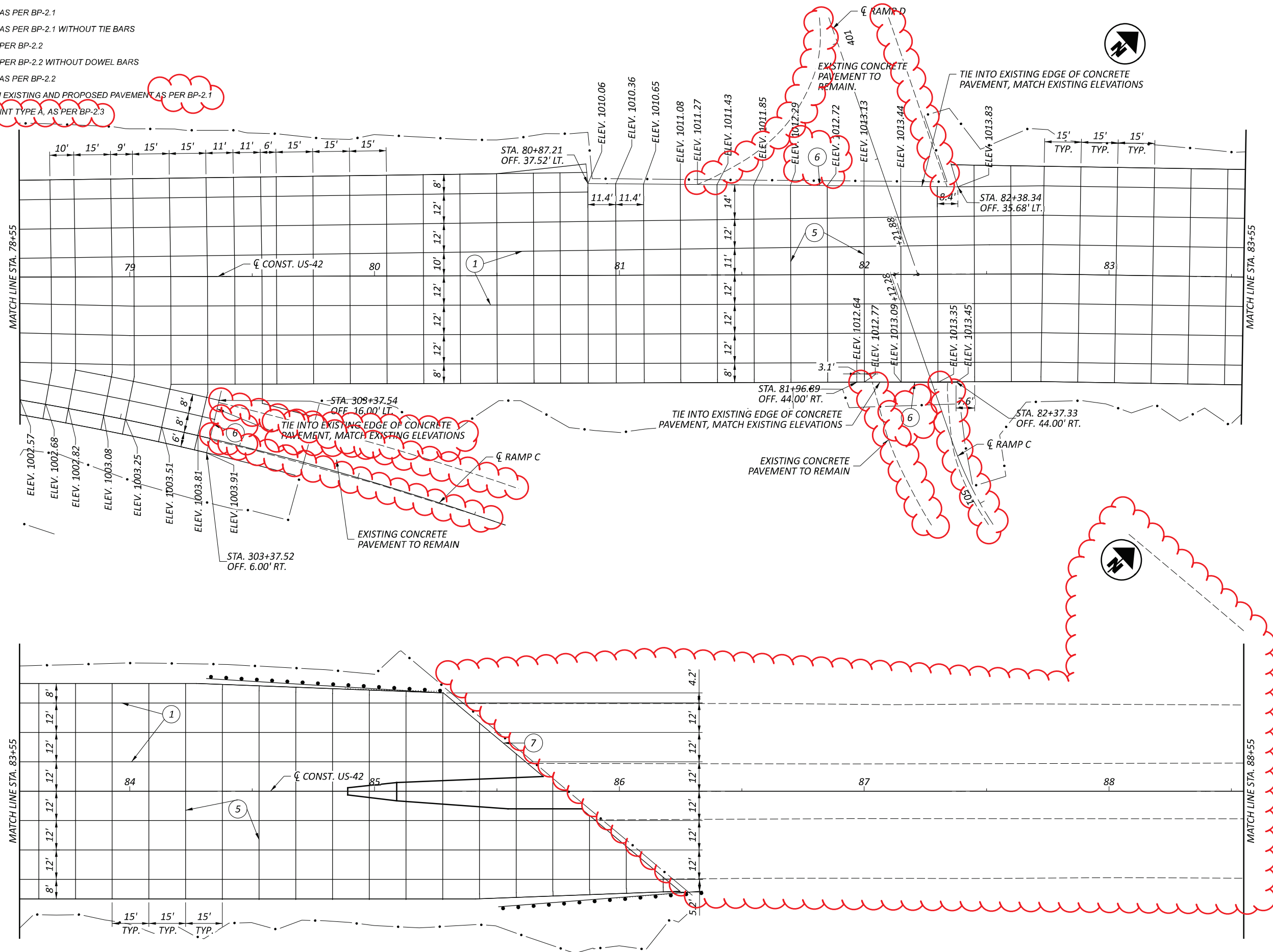


**DRIVEWAY AND PAVEMENT JOINT DETAIL**  
STA. 68+55.00 TO STA. 78+55.00

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DP
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET TOTAL	P.171 208

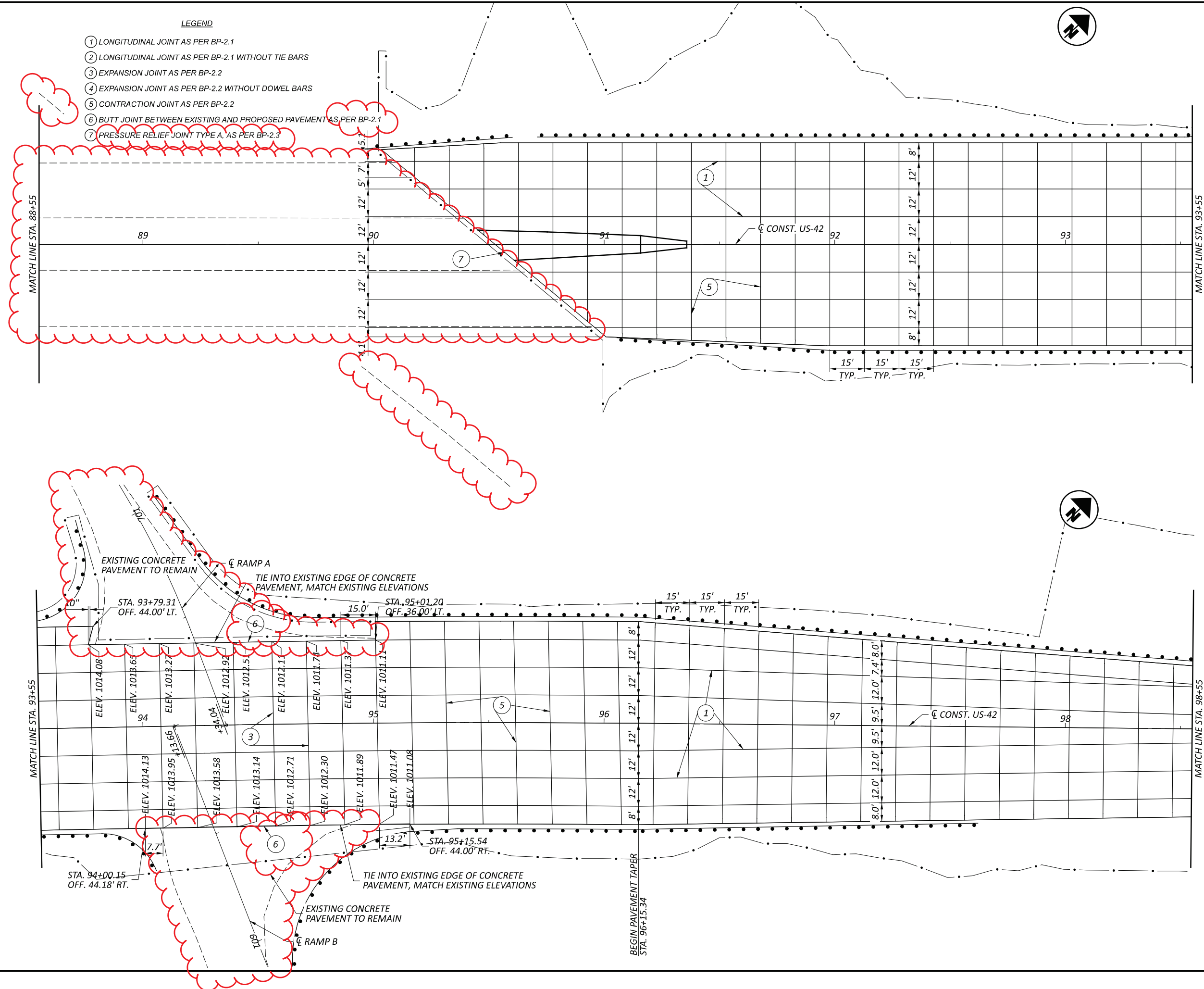
LEGEND

- ① LONGITUDINAL JOINT AS PER BP-2.1
- ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- ③ EXPANSION JOINT AS PER BP-2.2
- ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- ⑤ CONTRACTION JOINT AS PER BP-2.2
- ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
- ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3

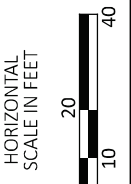


DRIVEWAY AND PAVEMENT JOINT DETAIL  
 STA. 78+55.00 TO STA. 88+55.00

DESIGN AGENCY	
<b>TRC</b>	
DESIGNER	DP
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	TOTAL
P.172	208

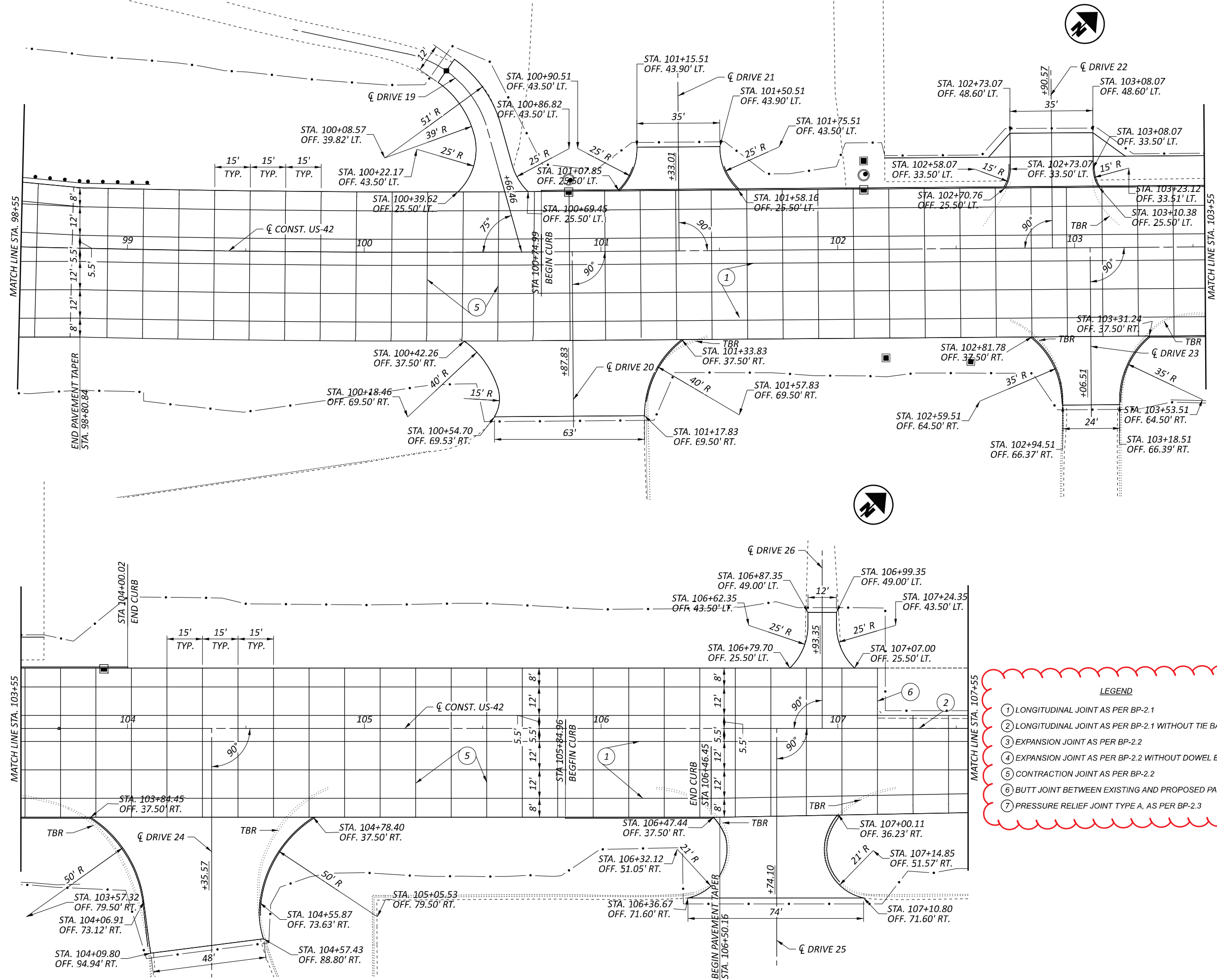


- LEGEND**
- ① LONGITUDINAL JOINT AS PER BP-2.1
  - ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
  - ③ EXPANSION JOINT AS PER BP-2.2
  - ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
  - ⑤ CONTRACTION JOINT AS PER BP-2.2
  - ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
  - ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3



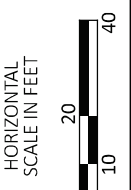
**DRIVEWAY AND PAVEMENT JOINT DETAIL**  
 STA. 88+55.00 TO STA. 98+55.00

DESIGNER	
DP	
REVIEWER	
JEL 08/26/24	
PROJECT ID	
109072	
SHEET	TOTAL
P.173	208



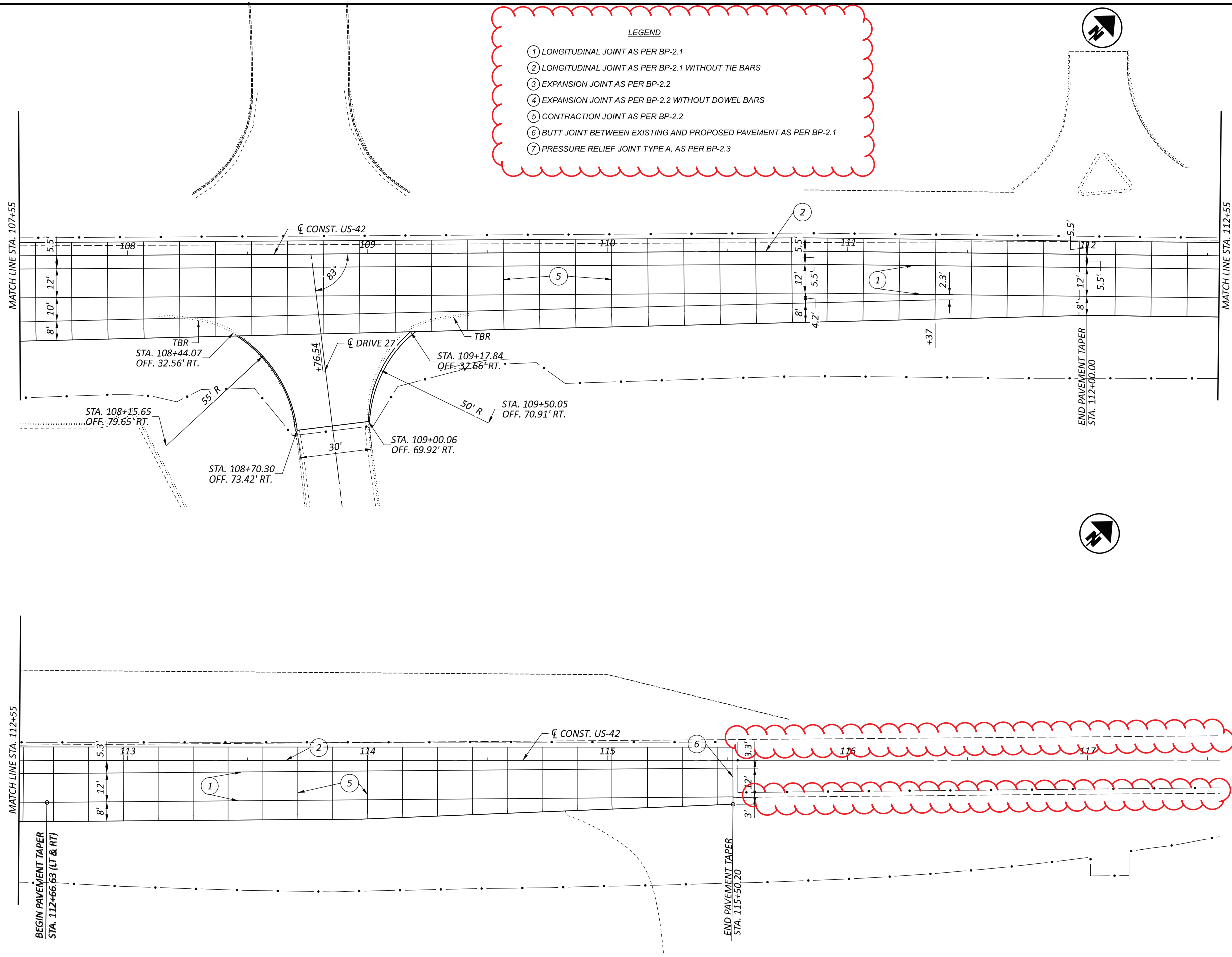
**LEGEND**

- ① LONGITUDINAL JOINT AS PER BP-2.1
- ② LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- ③ EXPANSION JOINT AS PER BP-2.2
- ④ EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- ⑤ CONTRACTION JOINT AS PER BP-2.2
- ⑥ BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT AS PER BP-2.1
- ⑦ PRESSURE RELIEF JOINT TYPE A, AS PER BP-2.3



**DRIVEWAY AND PAVEMENT JOINT DETAIL**  
STA. 98+55.00 TO STA. 107+55.00

<b>TRC</b>	
DESIGNER	DP
REVIEWER	JEL 08/26/24
PROJECT ID	109072
SHEET	TOTAL
P.174	208

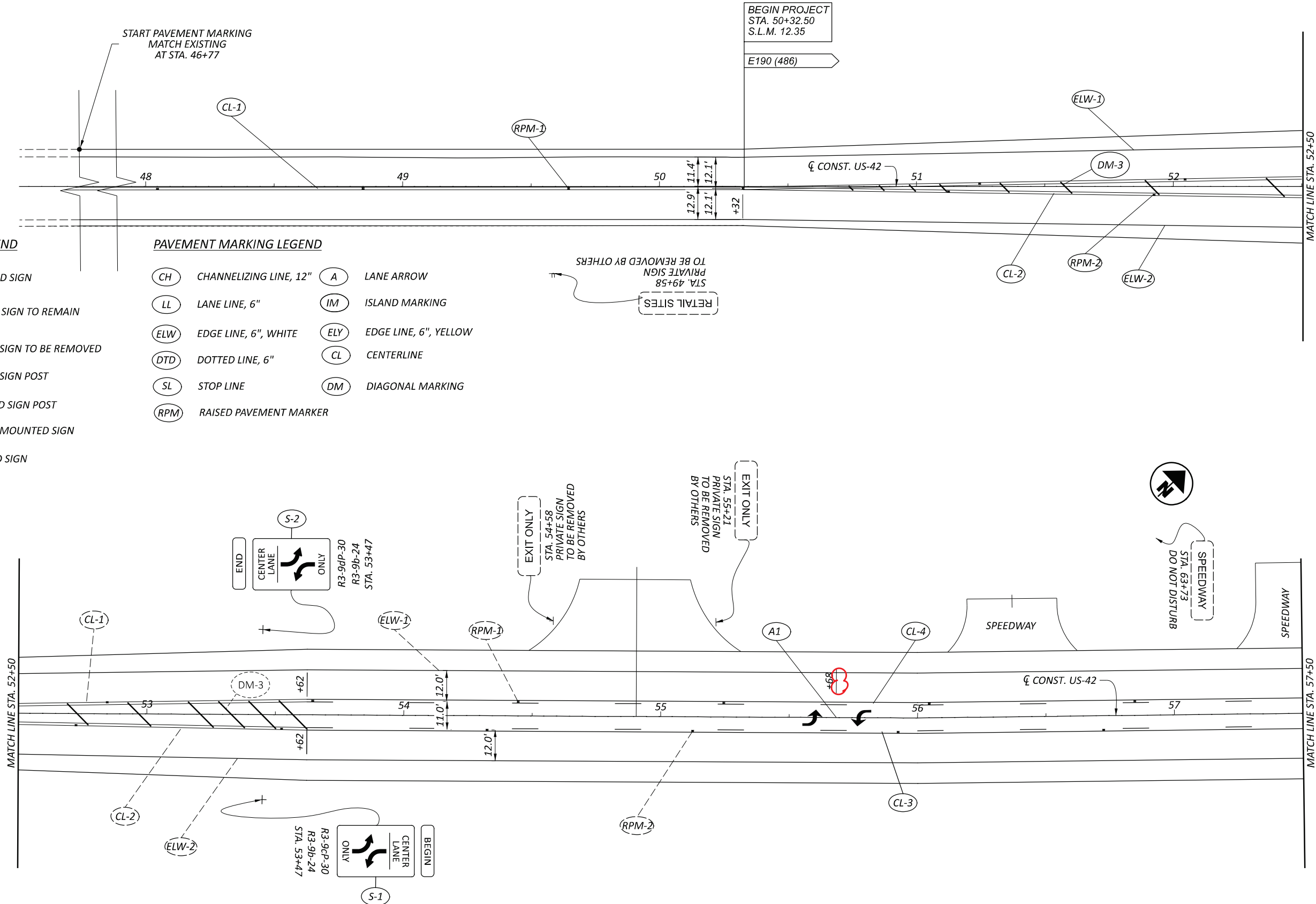


**SIGNING LEGEND**

- PROPOSED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN POST
- PROPOSED SIGN POST
- GROUND MOUNTED SIGN
- REMOVED SIGN

**PAVEMENT MARKING LEGEND**

- |                        |                       |
|------------------------|-----------------------|
| CHANNELIZING LINE, 12" | LANE ARROW            |
| LANE LINE, 6"          | ISLAND MARKING        |
| EDGE LINE, 6", WHITE   | EDGE LINE, 6", YELLOW |
| DOTTED LINE, 6"        | CENTERLINE            |
| STOP LINE              | DIAGONAL MARKING      |
| RAISED PAVEMENT MARKER |                       |

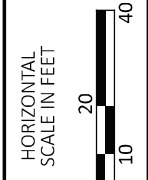
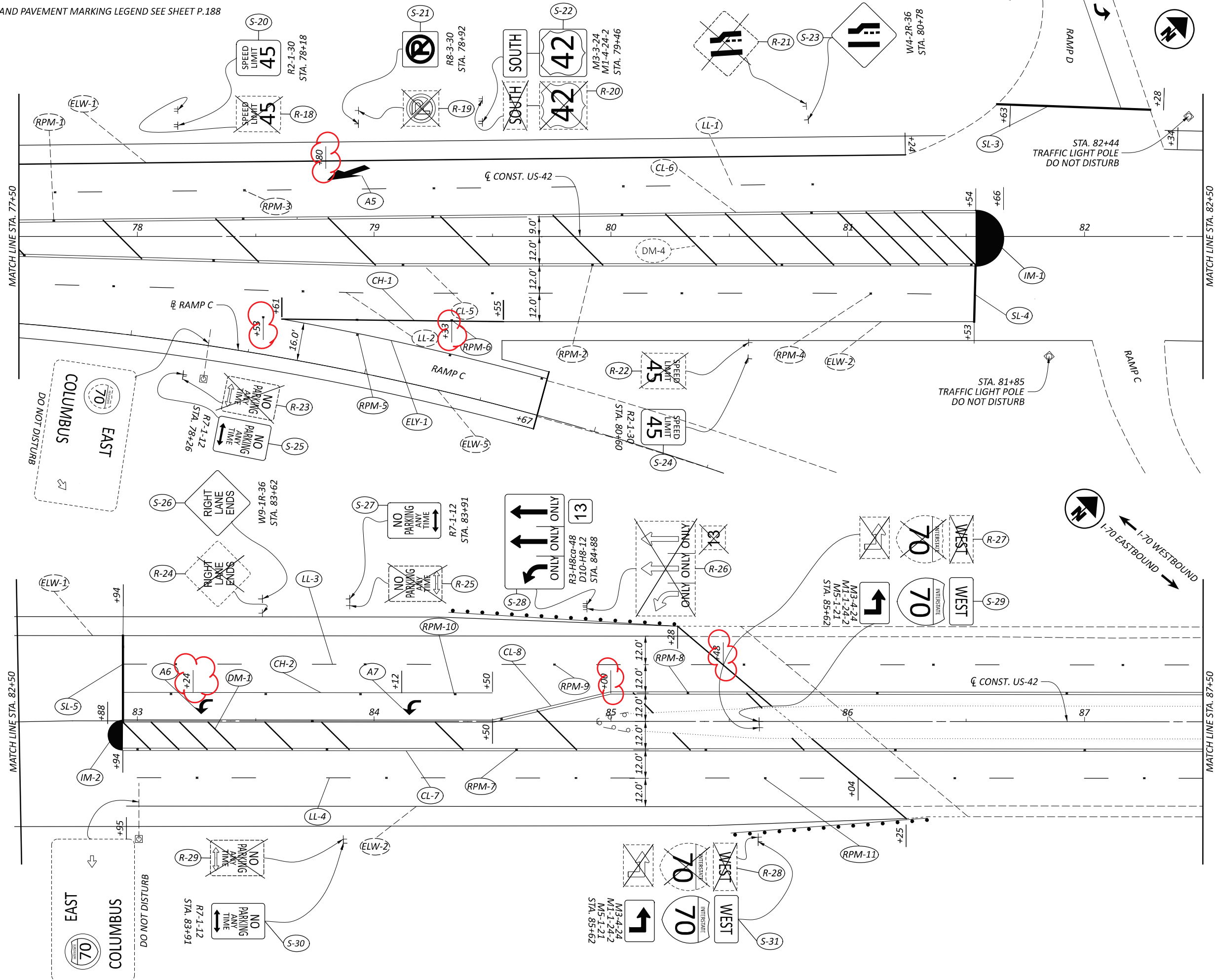


**SIGN AND PAVEMENT MARKING PLANS  
 BEGIN TO STA. 57+50**



DESIGN AGENCY	
DESIGNER	DP
REVIEWER	DKI 08/16/24
PROJECT ID	109072
SHEET TOTAL	P.188 208

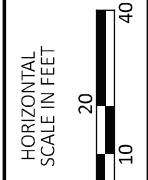
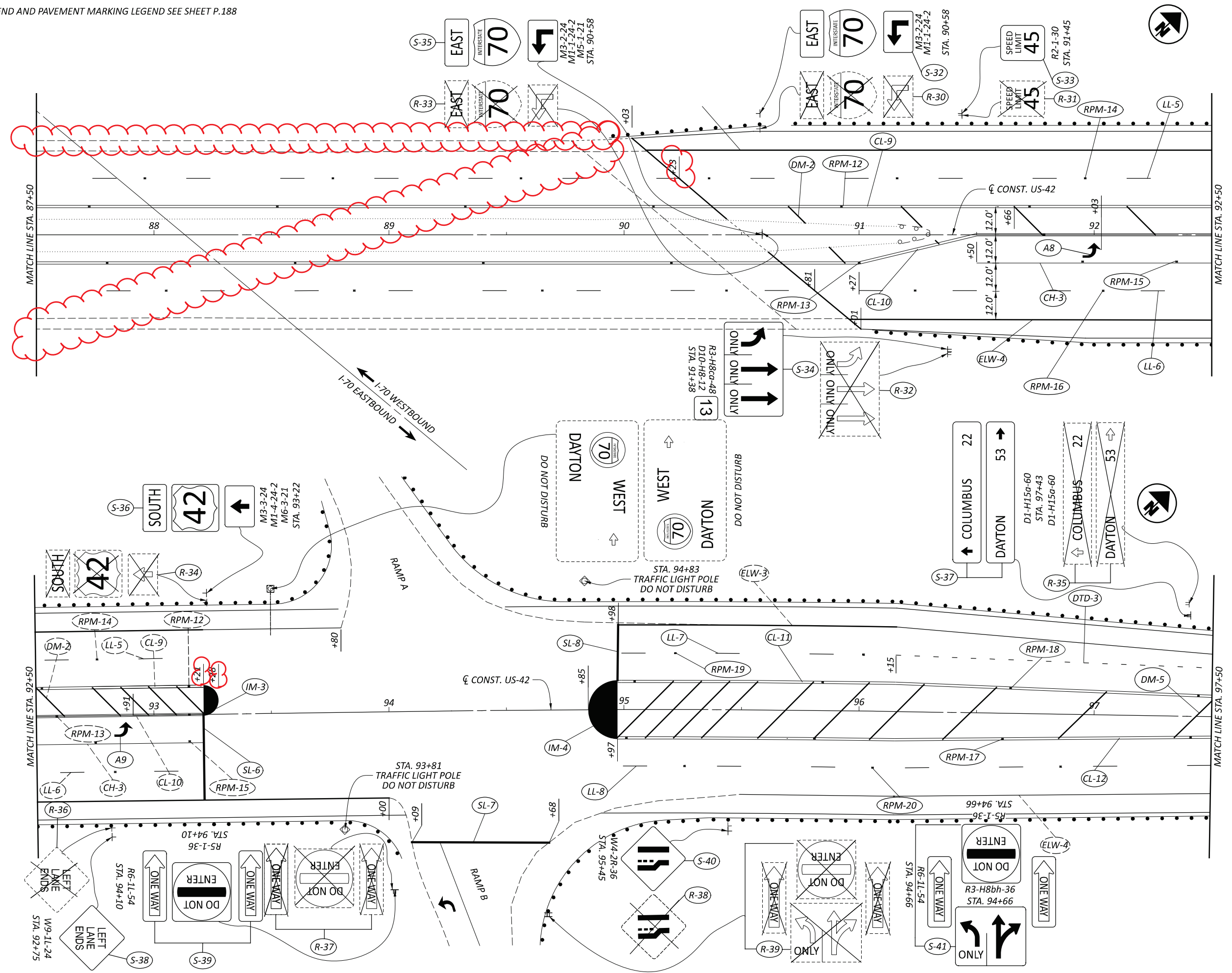
FOR SIGNING LEGEND AND PAVEMENT MARKING LEGEND SEE SHEET P.188



SIGN AND PAVEMENT MARKING PLANS  
STA. 77+50 TO STA. 87+50

DESIGN AGENCY	
DESIGNER	DP
REVIEWER	DKI 08/16/24
PROJECT ID	109072
SHEET	TOTAL
P.191	208

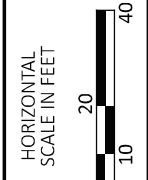
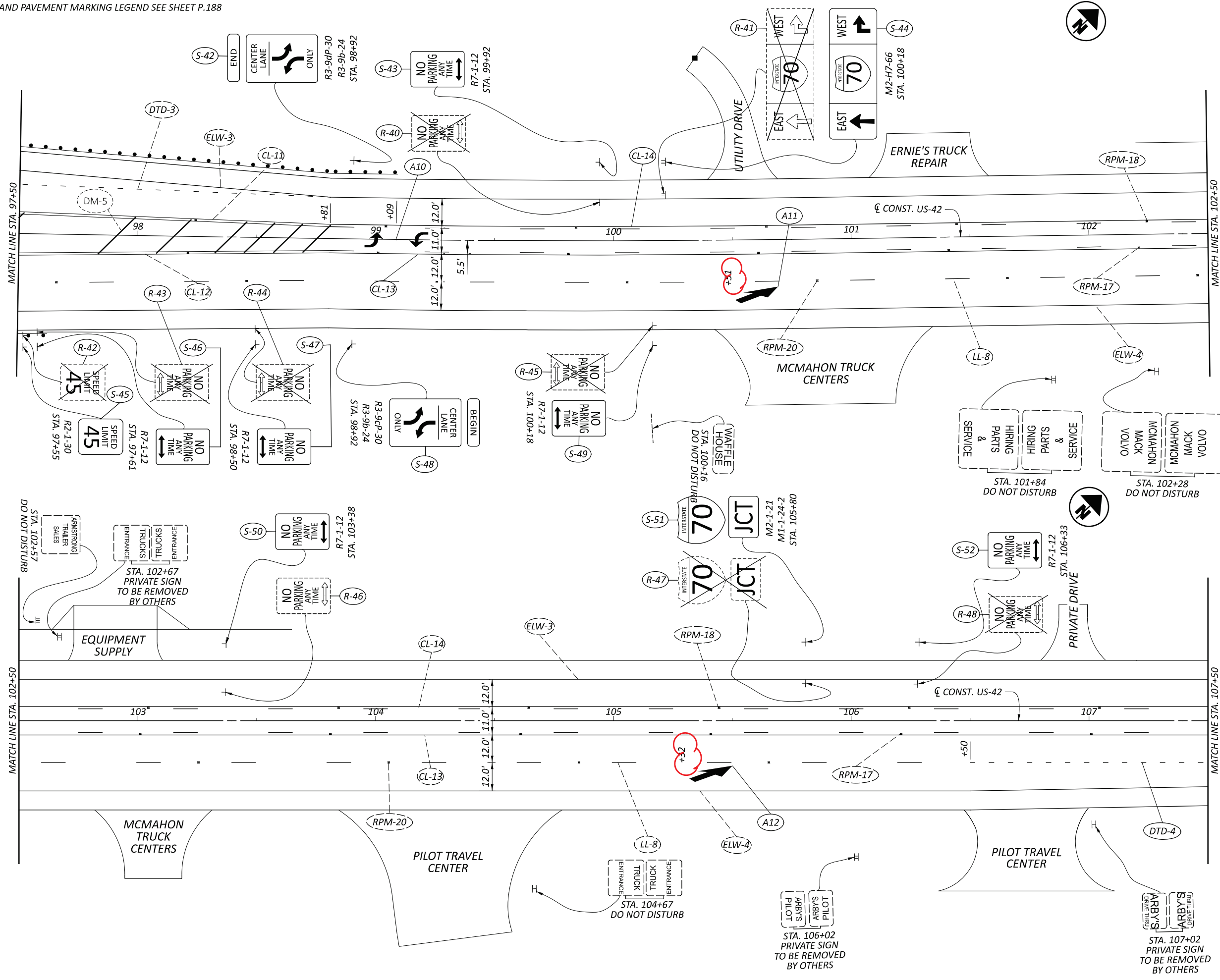
FOR SIGNING LEGEND AND PAVEMENT MARKING LEGEND SEE SHEET P.188



SIGN AND PAVEMENT MARKING PLANS  
STA. 87+50 TO STA. 97+50

DESIGN AGENCY	
DESIGNER	DP
REVIEWER	DKI 08/16/24
PROJECT ID	109072
SHEET	TOTAL
P.192	208

FOR SIGNING LEGEND AND PAVEMENT MARKING LEGEND SEE SHEET P.188



SIGN AND PAVEMENT MARKING PLANS  
STA. 97+50 TO STA. 107+50

DESIGN AGENCY	
DESIGNER	DP
REVIEWER	DKI 08/16/24
PROJECT ID	109072
SHEET TOTAL	P.193 208