

Contract Addendum

Date: January 15, 2025

TO: All Plan Holders of Record

SUBJECT: **Prime SP:** 5680-147 **CONTRACT ID:** 250007

State Project No.: 5680-147 (TH 94=064), 8480-43 (TH 94=064)

FHWA Project No.: NHPP I940(058)

Addendum No.: 2

Date of Letting: January 29, 2025

A) Revise the following quantities in the Bid Schedule:

Line No.	Item Number	Item Description	Units	Existing Quantity	New/Revised Quantity
0360	2507603/10036	LINING CULVERT PIPE (36") SPECIAL	L F	760.000	592.000
0495	2573503/00020	SILT FENCE, TYPE HI	L F	1,051.000	851.000
0500	2573503/00064	SEDIMENT CONTROL LOG TYPE COMPOST	L F	1,051.000	851.000
0520	2575504/00110	RAPID STABILIZATION METHOD 4	S Y	33,753.000	32,530.000
0575	2582503/00010	MOBILE RETROREFLECTOMETETER MEASUREMENTS	L F	255,168.000	353,429.000
0585	2582503/40106	6" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	L F	237,853.000	315,126.000
0590	2582503/62110	10" SOLID LINE PREFORM TAPE GROUND IN (WR) CONTRAST	L F	1,357.000	2,817.000
0595	2582503/62206	6" BROKEN LINE PREFORM TAPE GROUND IN (WR) CONTRAST	L F	15,492.000	34,810.000
0600	2582503/62306	6" DOTTED LINE PREFORM TAPE GROUND IN (WR) CONTRAST	L F	466.000	676.000

B) Delete Plan Sheet Nos. 8, 9, 10, 12, 107 and 111 of 153 and replace with Plan Sheet Nos. 8R, 9R, 10R, 12R, 107R and 111R.

Enclosures: Plan Sheet Nos.: 8R, 9R, 10R, 12R, 107R and 111R. (6 Sheets)

Bidders shall acknowledge the receipt of this addendum according to the provisions of MnDOT 1210.

Sincerely,

Tom Styrbicki, P.E.
Director
Office of Project Management and Technical Support

DISTRICT #: 4d2180118_seq
PLOT NAME: 4d2180118_seq
PATH & FILENAME:
10-JAN-2025
PLOTTED/REVISED:

STATEMENT OF ESTIMATED QUANTITIES							
SHEET NO.	TAB	ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	SP 5680-147 ESTIMATED QUANTITY	SP 8480-43 ESTIMATED QUANTITY
13	B	2301.507	STRUCTURAL CONCRETE	CU YD	64389	59729	4660
		2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT ③	POUND	10860	10060	800
13	B	2301.602	DRILL & GROUT DOWEL BAR (EPOXY COATED)	EACH	238	192	46
13	B	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,B)	TON	20147	18057	2090
11,13	B,C	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (5,B)	TON	2713	1685	1028
13	B	2363.509	BIT MIX FOR PERM ASPHALT STABILIZED STRESS RELIEF CRSE	TON	11762	10808	954
13	B	2363.509	BITUMINOUS MATERIAL FOR MIXTURE	TON	375	344	31
35-36		2401.507	STRUCTURAL CONCRETE (3B52)	CU YD	18	18	
35-36		2401.508	REINFORCEMENT BARS (EPOXY COATED)	POUND	2680	2680	
11	C	2501.502	18" CS SAFETY APRON AND GRATE DESIGN 3128 ①	EACH	8	4	4
10	G	2501.502	INSTALL PIPE APRON	EACH	13	13	
11	C	2501.503	18" CS PIPE CULVERT	LIN FT	1388	680	708
10	G	2501.503	INSTALL PIPE CULVERT	LIN FT	32	32	
10	F	2502.502	INSTALL PRECAST CONCRETE HEADWALL	EACH	280	269	11
10	F	2502.503	4" TP PIPE DRAIN	LIN FT	3456	3296	160
10	F	2502.503	4" PERF TP PIPE DRAIN	LIN FT	6108	5058	1050
10	F	2502.503	4" PERF PE PIPE DRAIN	LIN FT	138614	128766	9848
10	AA	2506.502	ADJUST FRAME & RING CASTING	EACH	4	4	
10	G	2507.603	LINING CULVERT PIPE (24") SPECIAL ②	LIN FT	380	380	
10	G	2507.603	LINING CULVERT PIPE (36") SPECIAL ②	LIN FT	592	592	
10	G	2507.603	LINING CULVERT PIPE (42") SPECIAL ②⑤	LIN FT	245	245	
13	B	2531.503	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	168	168	
13	B	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	32	32	
10	G	2554.502	GUIDE POST TYPE B	EACH	9	9	
15-16	J	2554.502	ANCHORAGE ASSEMBLY - TYPE 31	EACH	5	5	
14	H	2554.502	ANCHORAGE ASSEMBLY - TENSION CABLE	EACH	16	16	
15-16	J	2554.502	END TREATMENT - FLARED TERMINAL	EACH	18	16	2
15-16	J	2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	75	75	
15-16	J	2554.503	TRAFFIC BARRIER DESIGN BULLNOSE	LIN FT	1200	1100	100
15-16	J	2554.503	TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	4499	4192	307
15-16	J	2554.503	TRAFFIC BARRIER DESIGN TRANSITION TYPE 31	LIN FT	1025	1025	
15-16	J	2554.503	INSTALL TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	288	288	
15-16	J	2554.602	INSTALL ENERGY ABSORBING TERMINAL	EACH	1	1	
14	H	2554.603	TENSION CABLE GUARDRAIL	LIN FT	3237	3237	
14	H	2554.603	INSTALL TENSION CABLE GUARDRAIL	LIN FT	35635	29486	6149
TC1	TC	2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	1	
TC1	TC	2563.601	TRAFFIC CONTROL	LUMP SUM	1	1	
TC1	TC	2563.602	RAISED PAVEMENT MARKER TEMPORARY	EACH	7440	6675	765
TC1	TC	2563.602	TUBULAR MARKER	EACH	760	685	75
TC1	TC	2563.602	REPLACE TUBULAR MARKER	EACH	80	70	10
TC1	TC	2563.602	ELECTRONIC WORKERS PRESENT SPEED LIMIT SYSTEM	EACH	2	1	1
TC1	TC	2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	3	2	1
		2564.602	DELINEATOR/MARKER ④	EACH	24	24	
		2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1	1	
11	L	2573.502	STORM DRAIN INLET PROTECTION	EACH	13	13	
11	C	2573.502	CULVERT END CONTROLS	EACH	8	4	4
10	G	2573.503	SILT FENCE, TYPE HI	LIN FT	851	851	
10	G	2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	851	851	
11,12	C,D,K	2574.505	SOIL BED PREPARATION	ACRE	28.7	23.7	5.0
13	X	2574.507	FILTER TOPSOIL BORROW	CU YD	1957	1957	
11,12	C,D,K	2574.508	FERTILIZER TYPE 3	POUND	10055	8295	1760

- A 90% FEDERAL - 10% STATE FUNDS
- B 100% STATE FUNDS

CONSTRUCTION NOTES:

- ① 1:6 APRON SLOPE REQUIRED.
- ② SHALL BE CIPP
- ③ TO BE USED OVER CENTERLINE CULVERTS IN RECONSTRUCTION AREAS. SEE STANDARD PLATE 1070 (COMPUTED AT 2 PANELS PER CULVERT). AND AT RECONSTRUCTION TO OVERLAY TRANSITION AREAS. SEE SHEET 34 FOR DETAIL AND LOCATIONS
- ④ QUANTITY PROVIDE FOR THE REPLACEMENT OF TENTH MILE DELINEATOR MARKERS IN RECONSTRUCT AREAS. SEE SHEET 87 FOR PLACEMENT DETAILS

⑤ INCLUDES A 42" TO 48" X 4' RCP REDUCER AND 48" X 24' RCP CULVERT SEGMENT WITH 48" APRON

(P) DENOTES PLAN QUANTITY

PLAN REVISIONS		
DATE	REVISION	APPROVER
1/10/2025	REVISED QUANTITY FOR LINING CULVERT PIPE (36") SPECIAL, SILT FENCE TYPE HI, SEDIMENT CONTROL LOG TYPE COMPOST	A.K.
1/10/2025	ADDED NOTE 5 TO LINING CULVERT PIPE (42") SPECIAL ITEM	A.K.

PLOTTED/REVISED: 13-JAN-2025

DISTRICT #: DISTRICT #
 PLOT NAME: 4d2180118_seq
 PATH & FILENAME:

STATEMENT OF ESTIMATED QUANTITIES							
SHEET NO.	TAB	ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	SP 5680-147 ESTIMATED QUANTITY	SP 8480-43 ESTIMATED QUANTITY
10,12,13	G,K,X	2575.504	RAPID STABILIZATION METHOD 4	SQ YD	32530	32530	
11	C,D	2575.504	ROLLED EROSION PREVENTION CATEGORY 25	SQ YD	7094	4715	2379
11,12	C,D,K	2575.505	SEEDING	ACRE	28.7	23.71	5.0
11,12	C,D,K	2575.505	DISK ANCHORING	ACRE	27.2	22.7	4.5
12	K	2575.507	MULCH MATERIAL TYPE 9	CU YD	76	50	26
11,12	C,D,K	2575.509	MULCH MATERIAL TYPE 1	TON	54.6	45.5	9.1
11,12	C,D,K	2575.608	SEED MESIC INSLOPE	POUND	2767	2441	326
TC1	TC	2581.503	4" REMOVABLE PREFORMED PAVEMENT MARKING TAPE WR	LIN FT	2080	1080	1000
TC1	TC	2581.503	6" REMOVABLE PREFORMED PAVEMENT MARKING TAPE WR	LIN FT	22400	12500	9900
TC1	TC	2581.503	8" REMOVABLE PREFORMED PAVEMENT MARKING TAPE WR	LIN FT	3000	2000	1000
TC1	TC	2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	1000	800	200
		2582.503	MOBILE RETROREFLECTOMETER MEASUREMENTS	LIN FT	353429	326191	27238
TC1	TC	2582.503	4" SOLID LINE PAINT (WR)	LIN FT	219810	199720	20090
12	E	2582.503	6" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN FT	315126	291187	23939
12	E	2582.503	10" SOLID LINE PREFORM TAPE GROUND IN (WR) CONTRAST	LIN FT	2817	2017	800
12	E	2582.503	6" BROKEN LINE PREFORM TAPE GROUND IN (WR) CONTRAST	LIN FT	34810	32371	2439
12	E	2582.503	6" DOTTED LINE PREFORM TAPE GROUND IN (WR) CONTRAST	LIN FT	676	616	60

- A 90% FEDERAL - 10% STATE FUNDS
- B 100% STATE FUNDS

PLAN REVISIONS		
DATE	REVISION	APPROVER
1/10/2025	REVISED QUANTITY FOR RAPID STABILIZATION METHOD 4	A.K.
1/13/2025	ADDED QUANTITY FOR WB STRIPING	A.K.

13-JAN-2025

PLOTTED/REVISED:

DISTRICT #: DISTRICT #
PLOT NAME: 4d5680147_135tab-plan
PATH & FILENAME:

	PAVEMENT REMOVALS & SAWING												AA
SP	STATION	SEGMENT	MILL BITUMINOUS SURFACE (2.0")	MILL BITUMINOUS SURFACE (5.0")	MILL BITUMINOUS SURFACE (12")	REMOVE CONCRETE PAVEMENT	REMOVE BITUMINOUS SHOULDER PAVEMENT	SUBGRADE PREPARATION	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	REMOVE PAVEMENT ①	REMOVE CURB & GUTTER	ADJUST FRAME & RING CASTING	SAWING CONCRETE PAVEMENT (FULL DEPTH)
			SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LIN FT	SQ YD	LIN FT	EACH	LIN FT
8480-43	TH 94 EB												
	2265+00 - 2314+24.20	OVERLAY		8739	4392		6818		13				24
	2314+24.20 - 2319+30.20	RECONST					731		13	1349			24
	TENTED JOINT REPAIR					16		16					48
	CSAH 11 OFF RAMP	OVERLAY	1672										
	SP 8480-43 TOTAL		1672	8739	4392	16	7549	16	26	1349			96
5680-147	2319+30.20 - 2324+27.40	RECONST					718		13	1326			24
	2324+27.40 - 2374+29.95	OVERLAY		10220	3120		6898						
	2374+29.95 - 2384+39.95	RECONST					1459		26	2693			48
	2384+39.95 - 354+13.03	OVERLAY		31325			16968						
	354+13.03 - 364+16.24	RECONST					1449		26	2675			48
	364+16.24 - 539+13.49	OVERLAY		46659			25274						
	539+13.49 - 551+96.53	RECONST				1	1376		52	2542	38	1	102
	551+96.53 - 602+96.82	OVERLAY		13601			7367						
	602+96.82 - 614+90.10	RECONST				2	1456		52	2688	18	2	102
	614+90.10 - 811+22.54	OVERLAY		41518	10868		28376						
	811+22.54 - 890+00	RECONST				19996	9326		48			1	104
	TENTED JOINT REPAIR					208		208					624
	CSAH 11 ON RAMP	OVERLAY	1153										
	CSAH 88 RAMP ③	OVERLAY	1744										
	CSAH 59 RAMP ③	RECONST				3461				722			20
	TH 94 WB												
	(PIER STRUT) 359+64.33-360+02.00						78		16				
	609+75 - 609+97					3 ③							17 ③
	820+26.00 - 820+36.00					1 ③							13 ③
	SP 5680-147 TOTAL		2897	143323	13988	23672	100745	208	233	12646	56	4	1102
	TH 94 TOTALS		4569	152062	18380	23688	108294	224	259	13995	56	4	1198

SUBSURFACE PIPE DRAINS									F
SP	STATION (LT & RT)	REMOVE CONC HEAD- WALL	PRECAST CONCRETE HEADWALL		REMOVE PIPE DRAIN	4" TP PIPE DRAIN	4" PERF TP PIPE DRAIN	4" PERF PE PIPE DRAIN	
			SALVAGE	INSTALL					
		EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	LIN FT	
8480-43	2265+00 - 2314+24.20		10	10		120		9848	
	2314+24.20 - 2319+30.20	1	1	1	1012	40	1050		
	SP 8480-43 TOTAL	1	11	11	1012	160	1050	9848	
5680-147	2319+30.20 - 2324+27.40	3			994		994		
	2324+27.40 - 2374+29.95		8	8		96		1004	
	2374+29.95 - 2384+39.95	4	1	1	2020	80	2058		
	2384+39.95 - 2430+24.24		21	21		252		9151	
	282+50.37 - 354+13.03		28	28		336		14325	
	354+13.03 - 364+16.24		4	4	2006	48	2006		
	364+16.24 - 539+13.49		67	67		804		34944	
	539+13.49 - 551+96.53		4	4	2566	48		1990	
	551+96.53 - 602+96.82		17	17		204		10200	
	602+96.82 - 614+90.10		4	4	2387	48		2016	
	614+90.10 - 811+22.54		63	63		756		42007	
	811+22.54- 890+00		52	52	13129	624		13129	
	SP 5680-147 TOTAL	7	269	269	23102	3296	5058	128766	
TOTAL	8	280	280	24114	3456	6108	138614		

CONSTRUCTION NOTES:

- ① BITUMINOUS OVER CONCRETE.
- ② TO BE USED FOR PERMANENT STABILIZATION.
- MODIFIED TO INCLUDE SOUTHERN TALLGRASS ROADSIDE AT 0.54 LBS/100 SQ YDS AND FERTILIZER TYPE 3 (ANALYSIS 22-5-10) AT 4.1 LBS/100 SQ YDS
- ③ PROVIDED FOR CURB & GUTTER WORK FOR GUARDRAIL UPDATES.
- ④ MILL TO CONCRETE

DRAINAGE TABULATION																	G
SP	STATION	LOCATION	INPLACE	REMARKS	SALVAGE PIPE APRON	SALVAGE PIPE CULVERT	INSTALL PIPE CULVERT	INSTALL PIPE APRON	LINING CULVERT PIPE (24") SPECIAL	LINING CULVERT PIPE (36") SPECIAL	LINING CULVERT PIPE (42") SPECIAL	COMMON EMBANKMENT (CV)	GUIDE POST TYPE B	RAPID STABIL- IZATION METHOD 4	SEDIMENT CONTROL LOG TYPE COMPOST	SILT FENCE TYPE HI	
					EACH	LIN FT	LIN FT	EACH	LIN FT	LIN FT	LIN FT	CU YD	EACH	②	LIN FT	LIN FT	
														SQ YD			
5680-147	2334+00	EB CL	18" X 76' RCP + 2 APRS	P. 2 GUIDE POSTS TYPE B									2				
	2428+60	EB & WB CL	60" X 235' RCP + 2 APRS	REPAIR INSLOPE LT OF WB								2		99			
	373+10	EB & WB CL	30" X 234' RCP + 2 APRS	SALVAGE AND INSTALL 8' + APR LT REPAIR INSLOPE	1	8	8	1				2		711			
	627+50	MEDIAN	18" X 20' RCP + 1 APR														
	627+50	EB&WB CL	36" X 165' RCP + 2 APRS														
	627+50	MEDIAN	18" X 20' RCP + 1 APRS														
	641+35	EB&WB CL	36" X 189' RCP + 2 APRS	SALVAGE AND INSTALL APRS. LINE CULVERT PIPE WITH CIPP, P. 2 GUIDE POST TYPE B	2			2		192			2	671	245	245	
	661+00	EB&WB CL	36" X 211' RCP + 2 APRS	SALVAGE AND INSTALL 8' + APR LT., LINE CULVERT PIPE WITH CIPP	1	8	8	1		214				1006	239	239	
	674+50	EB&WB CL	36" X 184' RCP + 2 APRS	SALVAGE AND INSTALL 8' + APR LT, LINE CULVERT PIPE WITH CIPP	1	8	8	1		186				211			
	717+00	EB&WB CL	24" X 200' RCP + 2 APRS	LINE CULVERT PIPE WITH CIPP					204					495			
	750+00	EB&WB CL	42"X211'+48"X24'+4"REDUCER+ 2 APRS	SALVAGE AND INSTALL 8' + APR. LT, LINE CULVERT PIPE WITH CIPP	1	8	8	1			245			1099	127	127	
	815+50	EB OFF RAMP	30" X 64' RCP + 2 APRS	SALVAGE AND INSTALL APRONS	2			2						244	122	122	
	818+00	UNDER BR 9692	24" X 300' RCP + 2 APRS	SALVAGE AND INSTALL APRONS	2			2						345	58	58	
	819+00	UNDER BR 9692	24" X 280' RCP + 2 APRS	SALVAGE AND INSTALL APRONS	2			2						270	60	60	
	821+10	WB ON RAMP	22" SP X 64' RCP-A + 2 APRS	SALVAGE AND INSTALL LT APR, P. GUIDE POST TYPE B	1			1					1	250			
	844+73	EB&WB CL	24"X198' RCP + 2 FLARED APRS	P. 2 GUIDE POST TYPE B									2				
	874+72	EB&WB CL	24" X 192' RCP + 2 APRS	P. 2 GUIDE POST TYPE B									2				
	882+18	EB&WB CL	24" X 173' RCP + 2 APRS	LINE CULVERT PIPE WITH CIPP, CUTTING LINER-INCIDENTAL					176								
				TOTAL	13	32	32	13	380	592	245	4	9	5401	851	851	

PLOT NAME: 4d5680147_135stab-plan
PATH & FILENAME:

PLOT NAME:

PATH & FILENAME:

PAVEMENT MARKING / RUMBLE STRIPS										E
SP	LOCATION	6" SOLID LINE MULTI COMP GR IN (WR)	6" SOLID LINE MULTI COMP GR IN (WR)	10" SOLID LINE PREFORM TAPE GR IN (WR) CONTRAST	6" DOTTED LINE PREFORM TAPE GR IN (WR) CONTRAST ①②	6" BROKEN LINE PREFORM TAPE GR IN (WR) CONTRAST ①③	MILLED RUMBLE STRIPS ④	MILLED RUMBLE STRIPS (CONCRETE) ④		
		YELLOW	WHITE	WHITE	WHITE	WHITE				
		LIN FT	LIN FT	LIN FT	LIN FT	LIN FT				
		LIN FT	LIN FT	LIN FT	LIN FT	LIN FT				
8480-43	2265+00 - 2319+30.20	5407	4921			1081	4926	5407		
	CSAH 11 OFF RAMP	1147	1604	500						
	TH 94 WB	5430	5430	300	60	1358				
	SP 8480-43 TOTAL	11984	11955	800	60	2439	4926	5407		
5680-147	2319+30.20 - 890+00	69717	70683			14411	63745	73234		
	CSAH 11 ON RAMP	663	1733	242						
	CSAH 88 RAMP	773	1241	236						
	CSAH 59 RAMP	2226	465	379	466					
	TH 94 WB	71843	71843	1160	150	17960				
	SP 5680-147 TOTAL	145222	145965	2017	616	32371	63745	73234		
	TOTAL	157206	157920	2817	676	34810	68671	78641		
		315126								

CONSTRUCTION NOTES:

① DOES NOT INCLUDE GAPS

② 3' LINE & 12' GAP (15' CYCLE)

③ 10' LINE & 40' GAP (50' CYCLE)

④ SEE DETAILS ON SHEET 30-32

⑤ TYPE 7 GEOTEXTILE FABRIC IS INCIDENTAL.
SEE STANDARD PLAN 5-297.611, SHEET NO. 72.

⑥ TO BE USED FOR PERMANENT STABILIZATION.
MODIFIED TO INCLUDE SOIL BED PREPARATION, SOUTHERN TALLGRASS
ROADSIDE AT 0.54 LBS/100 SQ YDS AND FERTILIZER TYPE 3 (ANALYSIS 22-5-10)
AT 4.1 LBS/100 SQ YDS

⑦ RAPID STABILIZATION TO BE UTILITIZED INSIDE THE BULLPEN AREA.
THE GRADING AREAS OUTSIDE OF THE BULLPEN SHALL BE
SEEDED, MULCHED, AND DISK ANCHORED.

⑧ ANALYSIS 22-5-10 APPLIED AT 350 LBS/ACRE.

INSLOPE GRADING													K
SP	STATION	LOCATION	MULCH MATERIAL TYPE 9 ⑤	EXCAVATION - COMMON	COMMON EMBANKMENT (CV)	SEEDING	SOIL BED PREPARATION	SEED MESIC INSLOPE	FERTILIZER TYPE 3 ⑧	MULCH MATERIAL TYPE 1	DISK ANCHORING	RAPID STABILIZATION METHOD 4 ⑥	
			CU YD	CU YD	CU YD	ACRE	ACRE	POUND	POUND	TON	ACRE	SQ YD	
8480-43	CSAH 11 BRIDGE												
	2317+64 - 2319+00	EB RT		37	48	0.33	0.33	22	116	0.66	0.33		
	2316+79 - 2320+38	WB LT		75	152								
	2317+00 - 2321+00	MEDIAN	26	237	247								
	CONSTRUCTION DISTURBANCE ALONG INSLOPES						1.33	1.33	87	466	2.66	1.33	
	SP 8480-43 TOTAL			26	349	447	1.66	1.66	109	582	3.32	1.66	
5680-147	CSAH 24 BRIDGE												
	2377+06 - 2379+91	EB RT		86	248	0.34	0.34	22	119	0.68	0.34		
	2378+26 - 2381+86	WB LT		19	21								
	2376+95 - 2380+97	MEDIAN	26	280	280								
	B30TH ST BRIDGE												
	356+86 - 358+75	EB RT		7	7	0.3	0.3	20	105	0.60	0.3		
	358+38 - 361+91	WB LT											
	357+94 - 360+83	MEDIAN	24	279	279								
	CSAH 21 BRIDGE												
	541+24 - 544+50	EB RT		38	43	0.33	0.33	22	116	0.66	0.33	1047 ⑦	
	540+50 - 543+50	MEDIAN		118	196							1128 ⑦	
	546+00 - 548+78	MEDIAN		152	337								
	CSAH 10 BRIDGE												
	604+25 - 607+85	EB RT		39	62	0.31	0.31	20	109	0.62	0.31	902 ⑦	
	604+50 - 607+50	MEDIAN		131	261							891 ⑦	
	610+00 - 612+50	MEDIAN		112	230								
	CSAH 88 BRIDGE												
	813+94 - 817+00	EB RT		24	34	0.33	0.33	22	116	0.66	0.33	861 ⑦	
	814+00 - 817+50	MEDIAN		238	829								
	820+00 - 821+56	EB RT		21	29								
	820+00 - 822+50	MEDIAN		150	261							869 ⑦	
	LOW TENSION 3-CABLE												
	370+50 - 378+50	EB RT		734	1549								4340
746+00 - 752+00	EB RT		462	1097								2749	
759+50 - 765+00	EB RT		209	361								1220	
834+00 - 844+00	EB RT		914	1711								5176	
844+00 - 849+00	EB RT		1362	2508								2843	
CONSTRUCTION DISTURBANCE ALONG INSLOPES						17.61	17.61	1145	6164	35.22	17.61		
SP 5680-147 TOTAL			50	5375	10343	19.22	19.22	2151	6729	38.44	19.22	22026	
TH 94 TOTALS			76	5724	10790	20.88	20.88	1360	7311	41.76	20.88	22026	

mm

DEPARTMENT OF
TRANSPORTATION

DATE

1/13/2025

PLAN REVISIONS

REVISION

ADDED QUANTITY FOR WB STRIPING

APPROVER

A.K.

LICENSED PROFESSIONAL ENGINEER

ANDREW KROG

LIC. NO. 54689

DATE: 13-JAN-2025

I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR
UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF
MINNESOTA.

TABULATIONS

STATE PROJ. NO. 5680-147

(TH 94)

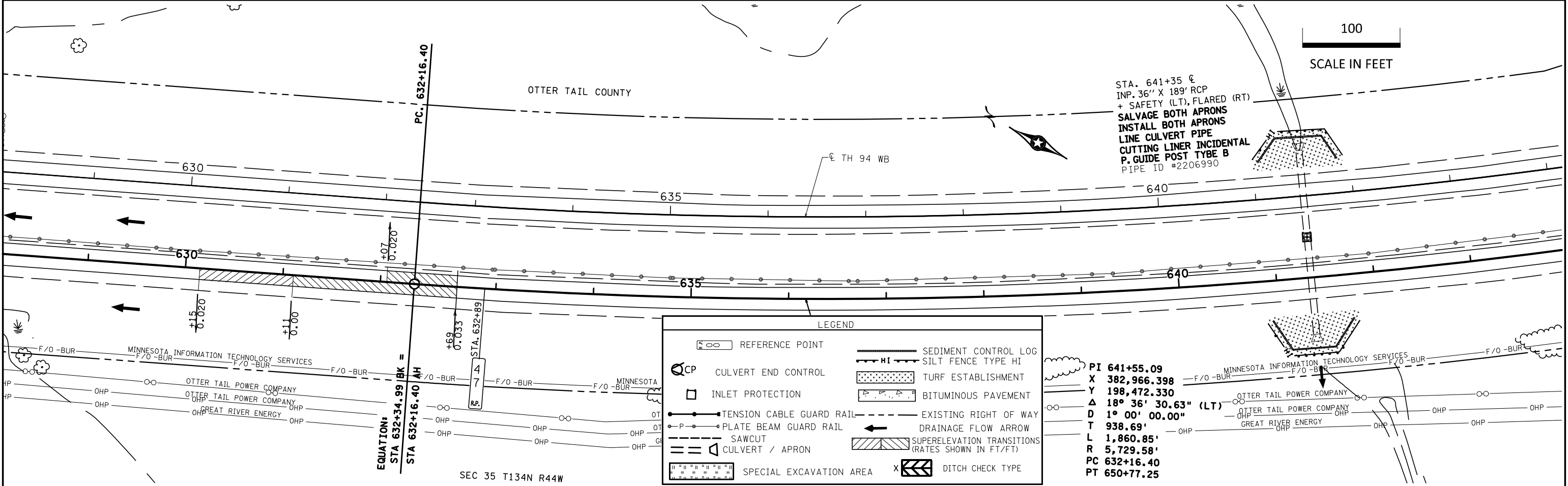
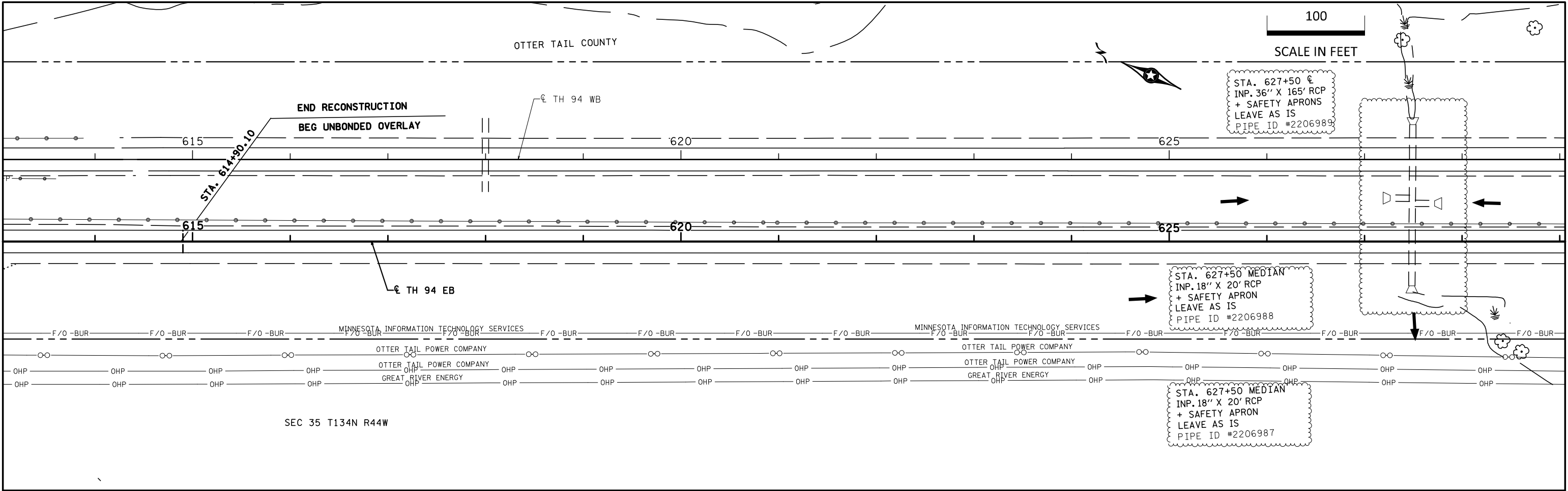
SHEET NO. 12 R

TOTAL SHEETS 153

10-JAN-2025

10-JAN-2025

DISTRICT # 4d5680147_185cpp-plan
PLOT NAME: 4d5680147_185cpp-plan
PATH & FILENAME:



PLAN REVISIONS				ANDREW KROG LIC. NO. 54689 DATE: 10-JAN-2025	I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	CONSTRUCTION PLANS	STATE PROJ. NO. 5680-147		SHEET NO. 107R	
DATE	REVISION	APPROVER					(TH 94)		TOTAL SHEETS 153	
1/10/2025	REMOVED PIPE WORK AT STA 627+50	A.K.								

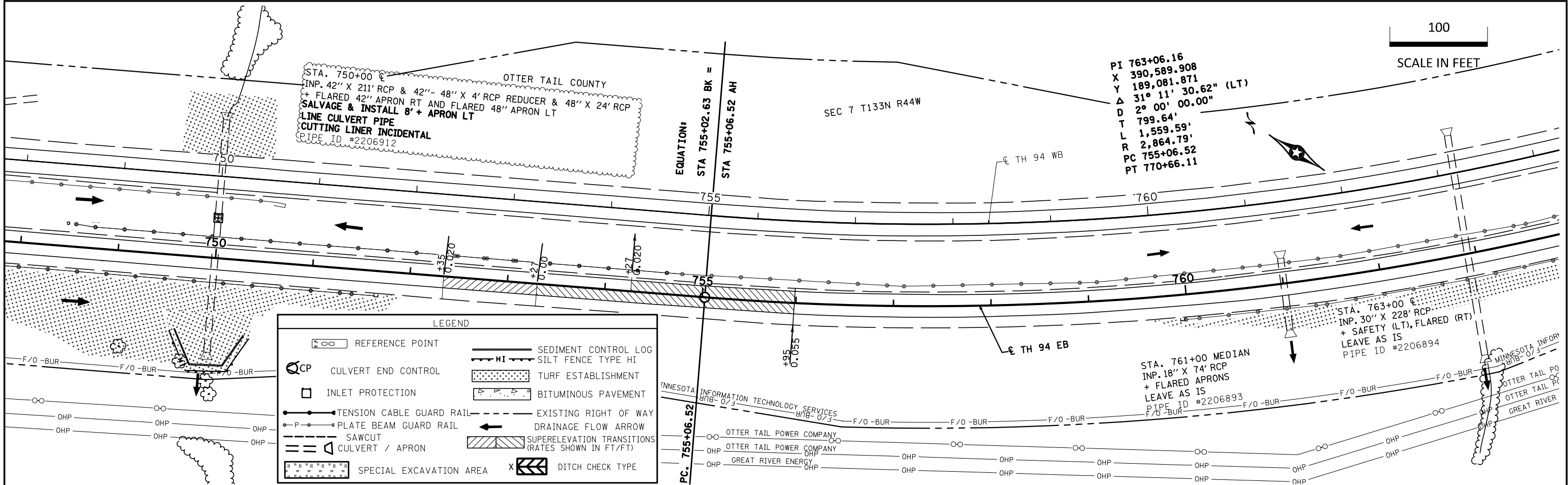
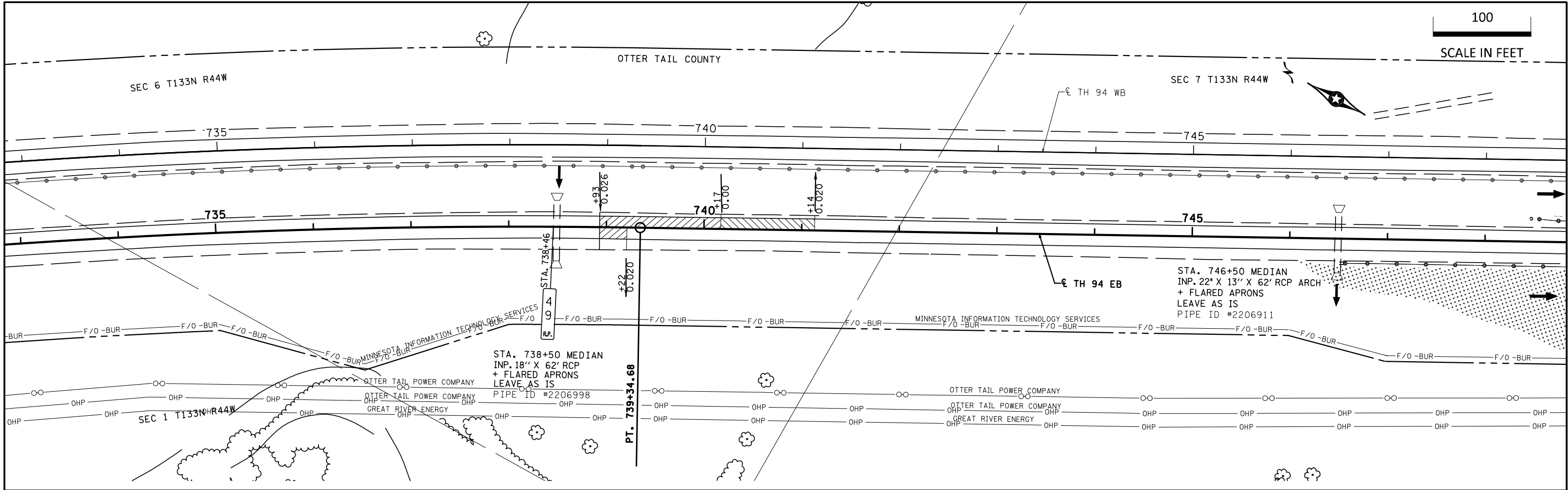
10-JAN-2025

10-JAN-2025

DISTRICT # 4d5680147_185cpp-plan

4d5680147_185cpp-plan

PATH & FILENAME:



PLAN REVISIONS		LEGEND	
DATE	REVISION	APPROVER	
1/10/2025	REVISED INPLACE PIPE DESCRIPTION AT 750+00	A.K.	

	REFERENCE POINT		SEDIMENT CONTROL LOG
	CULVERT END CONTROL		SILT FENCE TYPE HI
	INLET PROTECTION		TURF ESTABLISHMENT
	TENSION CABLE GUARD RAIL		BITUMINOUS PAVEMENT
	PLATE BEAM GUARD RAIL		EXISTING RIGHT OF WAY
	SAWCUT		DRAINAGE FLOW ARROW
	CULVERT / APRON		SUPERELEVATION TRANSITIONS (RATES SHOWN IN FT/FT)
	SPECIAL EXCAVATION AREA		DITCH CHECK TYPE

PLAN REVISIONS				ANDREW KROG LIC. NO. 54689 DATE: 10-JAN-2025	I HEREBY CERTIFY THAT THIS PLAN SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	CONSTRUCTION PLANS	STATE PROJ. NO. 5680-147	SHEET NO. 111R
DATE	REVISION	APPROVER					(TH 94)	TOTAL SHEETS 153
1/10/2025	REVISED INPLACE PIPE DESCRIPTION AT 750+00	A.K.						