

U.S. Standard Units
(Inch-Pound Units)

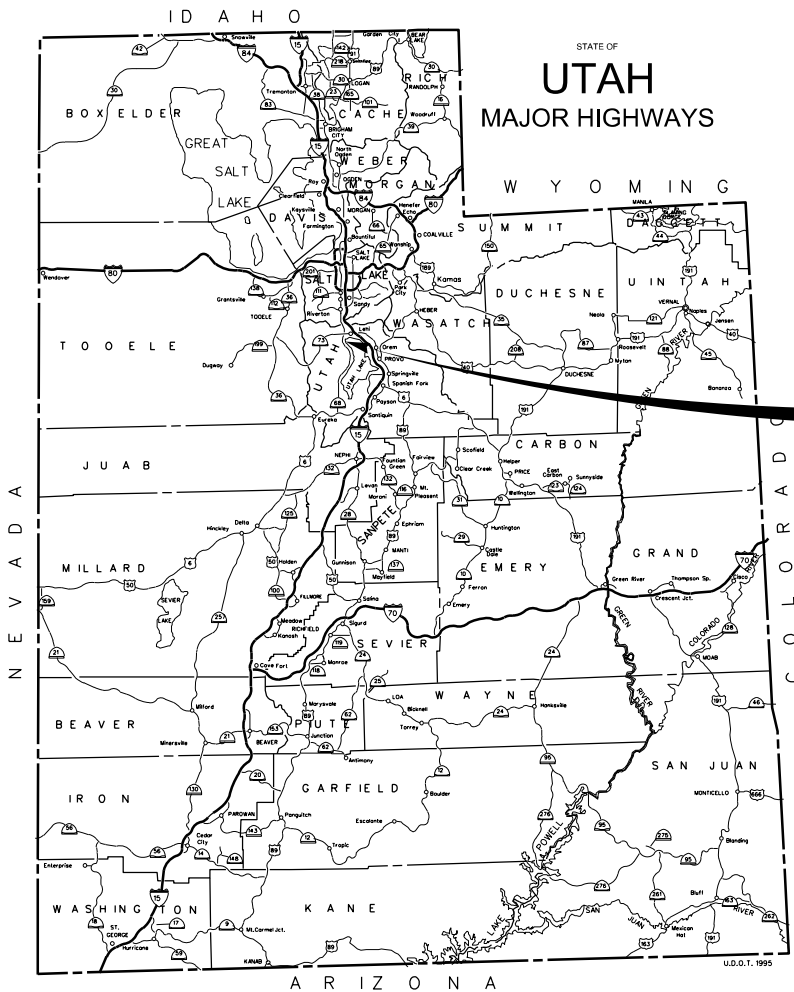
ALL UNITS IN FEET UNLESS
OTHERWISE NOTED

UTAH LAKESHORE TRAIL

AMANDA LANE SEGMENT

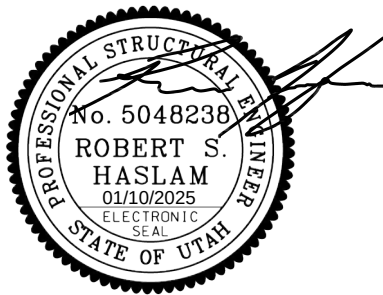
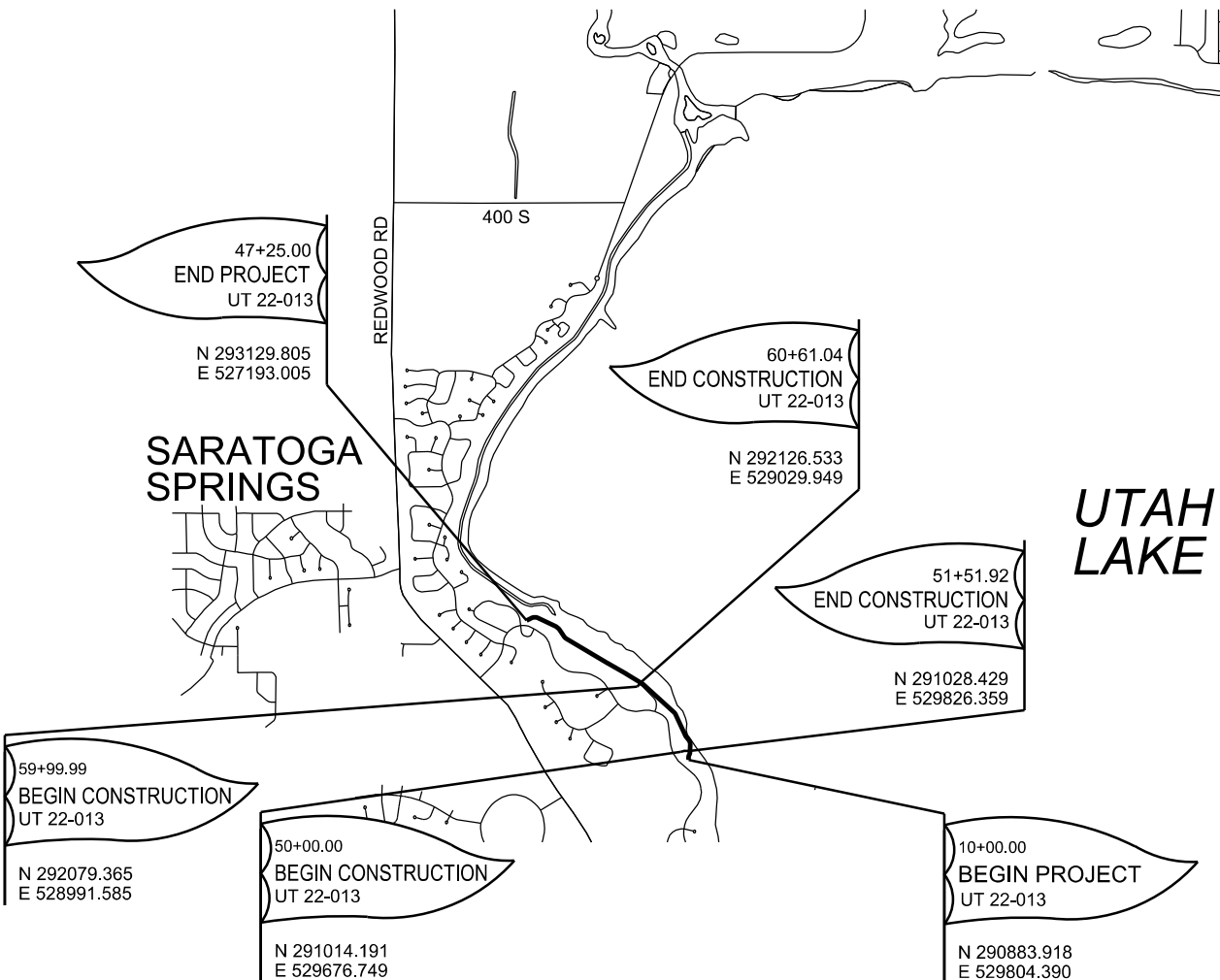
PLANS OF PROPOSED PROJECT

SARATOGA SPRINGS
UTAH COUNTY
LENGTH 0.706 MILES



PROJECT LOCATION

UTAH COUNTY



THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

TRAIL DRAWINGS		
SHEET NUMBER	NUMBER OF SHEETS	DESCRIPTION
1	1	TITLE
1-A	1	ABBREVIATIONS AND LEGEND
CR-01	1	CROSS REFERENCE
SC-01	1	SURVEY CONTROL
TS-01 TO TS-02	2	TYPICAL SECTION
SM-01 TO SM-03	3	SUMMARY
PP-01 TO PP-08	8	PLAN AND PROFILE
DT-01 TO DT-02	2	DETAILS
DP-01	1	DRAINAGE PROFILE
EC-01 TO EC-03	3	EROSION CONTROL

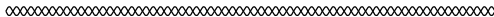
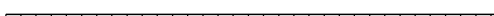
VERIFIED FOR SUBMISSION FOR ADVERTISEMENT

DESIGN ENGINEER

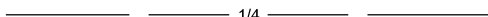
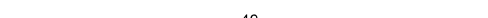
APPROVED FOR USE

CITY ENGINEER, SARATOGA SPRINGS

SURFACE FEATURE LINE STYLES

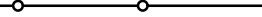
	CUT
	FILL
	CUT CATCH LINE
	TEMPORARY BERM
	CABLE BARRIER
	BUILDING
	FENCE, CHAIN LINK
	Fence, Chain Link Existing
	FENCE, WIRE
	Fence, Wire Existing
	FENCE, WOOD
	Fence, Wood Existing
	FLOW LINE
	Flow Line Existing
	GUARDRAIL
	Guardrail Existing
	NOISE WALL
	Noise Wall Existing
	RAILROAD
	Ditch Irrigation
	PAVE CUT
	SEDIMENT BARRIER
	SILT FENCE
	STRAW BALE
	VEGETATION LINE
	BLOCK WALL
	Block Wall Existing
	Stone Lined Channel
	River Existing

RIGHT OF WAY LINE STYLES

	SECTION LINE
	QUARTER SECTION LINE
	40 ACRE LINE
	CITY BOUNDARY LINE
	PROPERTY LINE
	HWY NO-ACCESS LINE
	Existing No-Access Line
	HWY R/W & NO-ACCESS LINE
	Existing R/W & No-Access Line
	HWY LIMITED-ACCESS LINE
	Existing Limited-Access Line
	HWY R/W & LIMITED-ACCESS LINE
	Existing R/W & Limited-Access Line
	RAILROAD R/W LINE
	Existing Railroad R/W Line
	FRONTAGE ROAD R/W
	Existing Frontage Road R/W
	HIGHWAY R/W
	Existing Highway R/W
	PERPETUAL EASEMENT
	Existing Perpetual Easement
	TEMPORARY EASEMENT

LINE STYLES

SUBSURFACE/OVERHEAD LINE STYLES

	BCTV		CABLE BURIED
	bctv		Cable Buried Existing
	CTV		CABLE OVERHEAD
	ctv		Cable Overhead Existing
			CONDUIT
			Conduit Existing
	PC		PIPE CULVERT
	pc		Pipe Culvert Existing
	BE		ELECTRIC BURIED
	be		Electric Buried Existing
	E		ELECTRIC OVERHEAD
	e		Electric Overhead Existing
	FO		FIBER OPTICS
	fo		Fiber Optics Existing
	G		GAS
	g		Gas Existing
	IR		IRRIGATION
	ir		Irrigation Existing
	PETRO		PETROLEUM
	petro		Petroleum Existing
	SWR		SANITARY SEWER
	swr		Sanitary Sewer Existing
	SD		STORM DRAIN
	sd		Storm Drain Existing
	BTel		TELEPHONE BURIED
	btel		Telephone Buried Existing
	TEL		TELEPHONE OVERHEAD
	tel		Telephone Overhead Existing
	WTR		WATER
	wtr		Water Existing

SIGNAL LINE STYLES

 pwr	Power Source Circuit Existing
 PWR	POWER SOURCE CIRCUIT
 sig	Signal Circuit Existing
 SIG	SIGNAL CIRCUIT
 ped	Pedestrian Circuit Existing
 PED	PEDESTRIAN CIRCUIT
 psh	Push Button Circuit Existing
 PSH	PUSH BUTTON CIRCUIT
 det	Detection Circuit Existing
 DET	DETECTION CIRCUIT
 fut	Future Conduit Existing
 FUT	FUTURE CONDUIT
 ltg	Lighting Circuit Existing
 LTC	LIGHTING CIRCUIT
 vid	Video Detection Circuit Existing
 VID	VIDEO DETECTION CIRCUIT
 rad	Radar Detection Circuit Existing
 RAD	RADAR DETECTION CIRCUIT
 pem	Preemption Circuit Existing
 PEM	PREEMPTION CIRCUIT

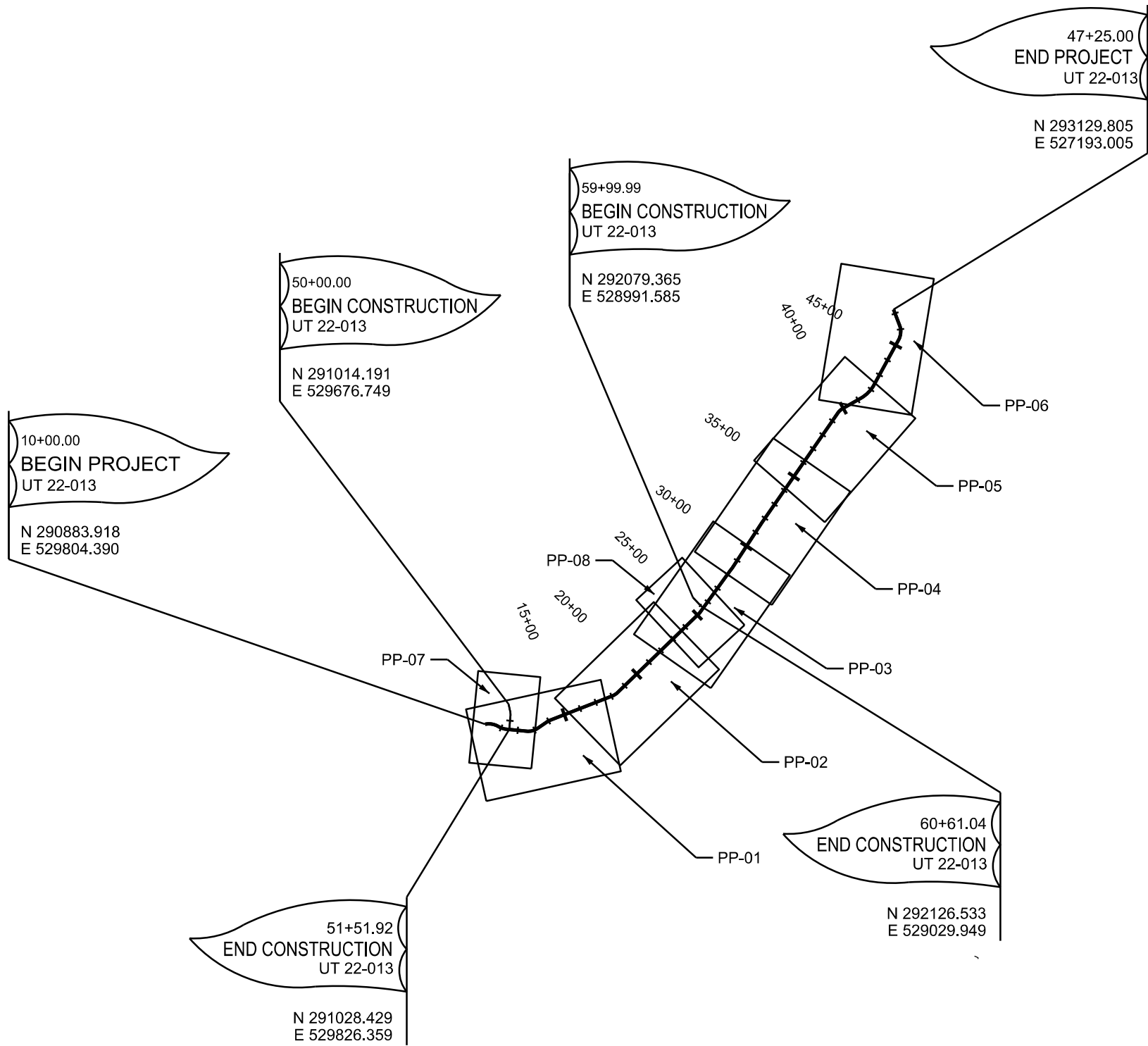
SYMBOLS

	ATMS CABINET		JUNCTION BOX
			LIGHT POLE
	Bench Mark		UTILITY POLE
	Cable TV Box		PS POWER SOURCE
	Electrical Transformer		MAIL BOX
	Center Line		MANHOLE ELECTRIC
	Section Corner Found		MANHOLE GAS
	Section Corner Not Found		MANHOLE TELEPHONE
			MANHOLE STORM DRAIN
			MANHOLE SANITARY SEWER
			MANHOLE WATER
	CURB RETURN RADIUS		MONUMENT
	Drill Hole		24:E PARCEL BALLOON
	TREE		RIGHT OF WAY MARKER
	Fire Hydrant		SIGN (SINGLE POST)
	Valve		SIGN (DOUBLE POST)
	SIGN, GAS		Signal Pole Existing
	Gate Post		
	Guy Wire or Anchor		
	HORIZONTAL CURVE (#)		
	HORIZONTAL/VERTICAL P.I.		
	HORIZONTAL/VERTICAL CURVE POINT		
	METER		Water Well
	JUNCTION BOX STREET LIGHT		UNDERGROUND SERVICE PED

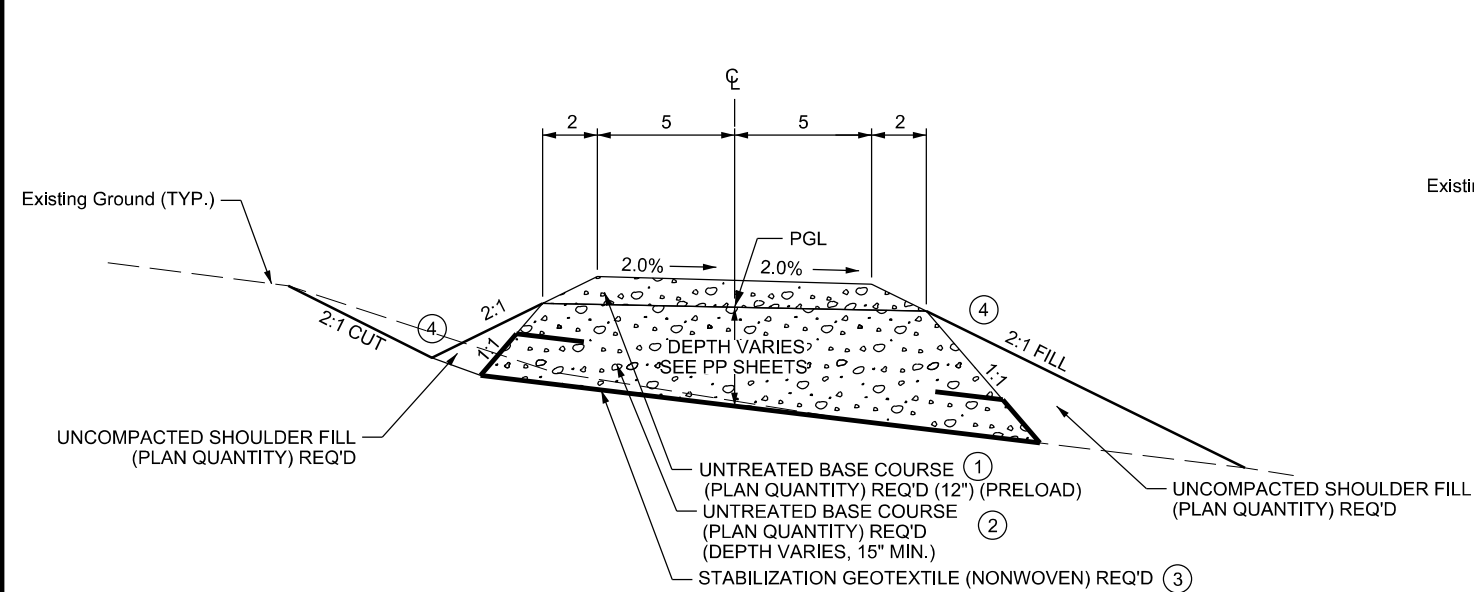
PROJECT SPECIFIC SYMBOLS AND LINE STYLES

CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.		DRAWN BY BG	
QC CHECKED BY SB		DATE 11/25/2024	
APPROVED 		PROFESSIONAL ENGINEER	
PROJECT UTAH LAKESHORE TRAIL		PROJECT NUMBER UT 22-013	
AMANDA LANE SEGMENT		PIN	
ABBREVIATIONS AND LEGEND		NO. DATE APPROVED BY	
REVISIONS		REMARKS	

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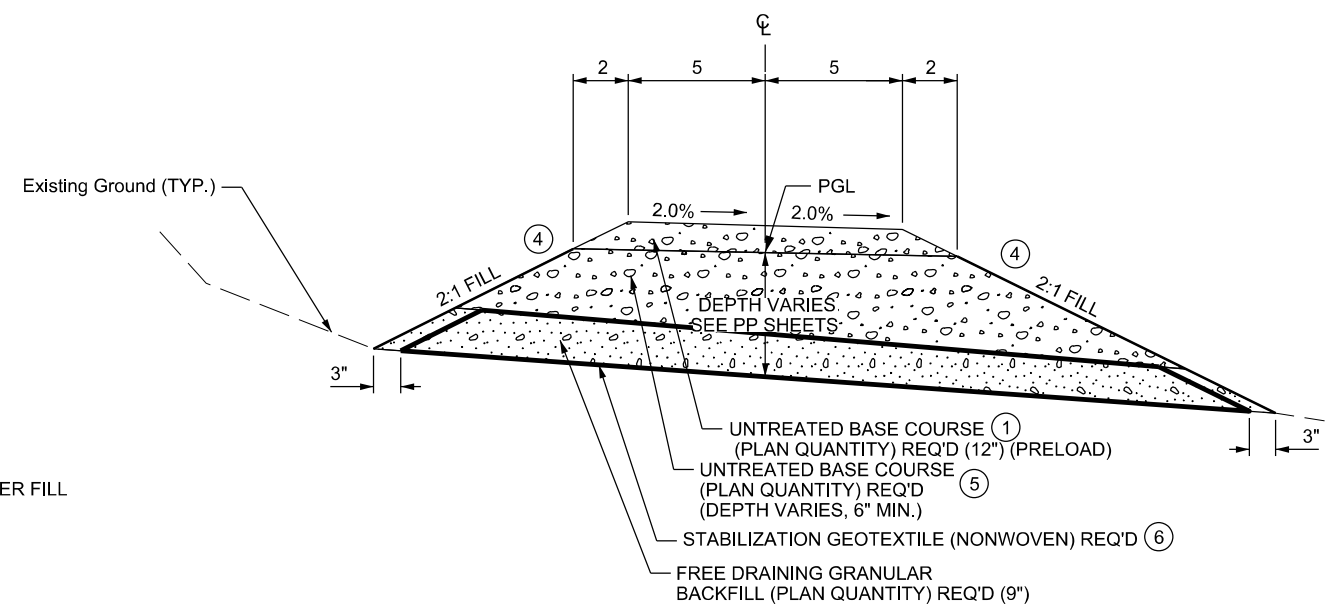
UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS		REVISIONS	
PROJECT	AMANDA LANE SEGMENT	CONSOR NORTH AMERICA, INC.			
PROJECT NUMBER	UT 22-013	APPROVED			
CROSS REFERENCE		DRAWN BY			
		QC			
		CHECKED BY			
		DATE			
		NO.			
		DATE			
		APPROVED BY			
		REMARKS			



TYPICAL SECTION 1

UTAH LAKESHORE TRAIL

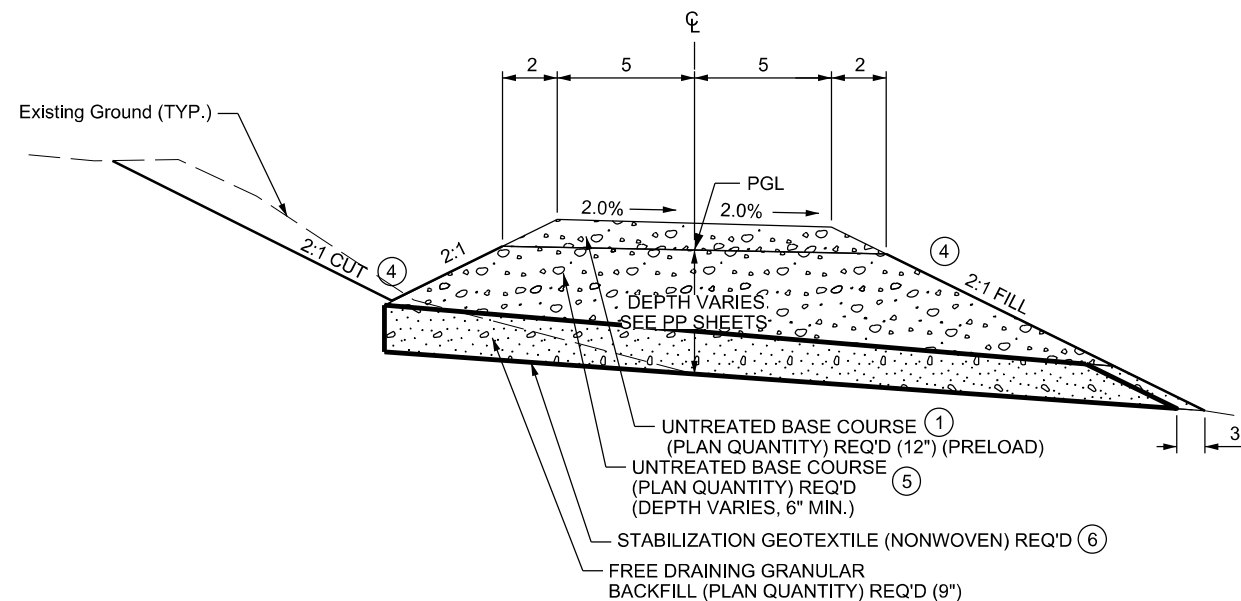
10+10.30 TO 12+50.00
34+40.00 TO 38+50.00
40+60.00 TO 41+90.00
42+30.00 TO 43+80.00
44+90.00 TO 46+00.00
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT



TYPICAL SECTION 2

UTAH LAKESHORE TRAIL

12+50.00 TO 13+70.00
14+30.00 TO 31+10.00
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT



TYPICAL SECTION 3

UTAH LAKESHORE TRAIL

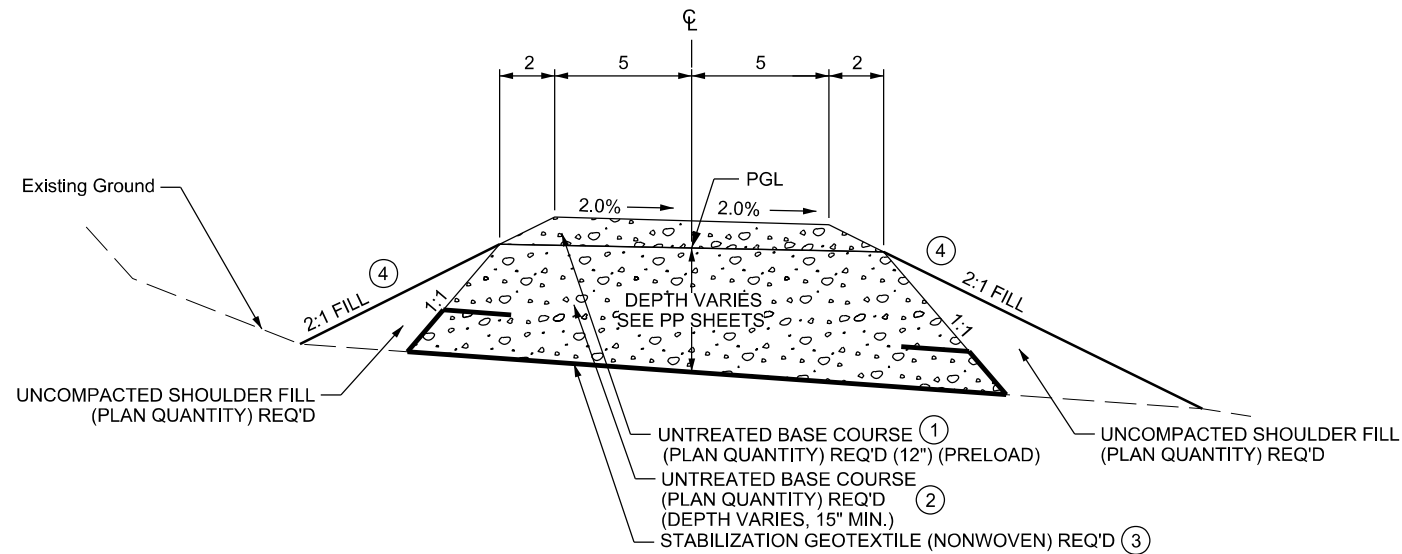
13+70.00 TO 14+30.00
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT

- NOTES:**

- ① PRELOAD USED FOR TEMPORARY CONDITION DUE TO SUBGRADE SETTLEMENT. FINAL PROFILE AND HMA TO BE COMPLETED IN A FUTURE PROJECT. TAPER PRELOAD FROM 12" TO 0" WITHIN 24' OF EXISTING TIE-INS.
- ② PLACE 9" UNTREATED BASE COURSE OVER STABILIZATION GEOTEXTILE (NONWOVEN) AND EXISTING GROUND. WRAP GEOTEXTILE OVER BASE LAYER AS NOTED. MEET 15" MINIMUM THICKNESS OF UNTREATED BASE COURSE USING 6" MINIMUM TOPPING OVER GEOTEXTILE WRAP.
- ③ PLACE STABILIZATION GEOTEXTILE (NONWOVEN) OVER CLEARED EXISTING GRADE. WRAP AROUND 9" UNTREATED BASE COURSE LAYER AND TERMINATE 3' MINIMUM INTO UNTREATED BASE COURSE LAYER. PROVIDE 3' MINIMUM OVERLAP BETWEEN STABILIZATION GEOTEXTILES SEGMENTS.
- ④ BROADCAST SEED REQ'D TO BE PLACED OVER ALL CUT AND FILL SLOPE AREAS.
- ⑤ PLACE 6" MINIMUM UNTREATED BASE COURSE OVER STABILIZATION GEOTEXTILE (NONWOVEN) WRAPPED FREE DRAINING GRANULAR BACKFILL SECTION. MEET 15" MINIMUM SECTION THICKNESS.
- ⑥ PLACE STABILIZATION GEOTEXTILE (NONWOVEN) OVER CLEARED EXISTING GRADE. WRAP AROUND 9" FREE DRAINING GRANULAR BACKFILL LAYER AND ENCASE FREE DRAINING GRANULAR BACKFILL LAYER AND PROVIDE 3' MINIMUM OVERLAP BETWEEN STABILIZATION GEOTEXTILE SEGMENTS AND ENDS.
7. CLEARING INCLUDES REMOVAL OF ALL TREES AND STANDING VEGETATION WITHIN THE AREA SPECIFIED. PLACE GEOTEXTILE AND EMBANKMENT DIRECTLY OVER EXISTING GROUND (NO SCARIFYING) WITHOUT DISTURBING ROOTS AND NATURAL GROUND COVER TO AVOID EXCESSIVE SOFT SPOTS. PHRAGMITES REMOVAL IS INCIDENTAL TO CLEARING. NOXIOUS WEED CONTROL IS REQUIRED AFTER CLEARING TO PRETREAT THE AREA AND PREVENT REGROWTH. REFER TO SECTION 02924 FOR SPECIFIC REQUIREMENTS.
8. WHEN SURFACE WATER IS PRESENT OR ADJACENT TO PIPE CROSSINGS, RESIDENT ENGINEER TO DETERMINE IF TYPICAL SECTION 2 IS TO BE USED IN PLACE OF THE PROPOSED TYPICAL SECTION.

PROJECT		UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.						DRAWN BY		BG	REVISIONS			
PROJECT NUMBER		AMANDA LANE SEGMENT		UT 22-013		PIN		APPROVED		12/20/2024		QC CHECKED BY				
TYPICAL SECTION				PROFESSIONAL ENGINEER				DATE		12/20/2024		NO.		DATE	APPROVED BY	REMARKS
TS-01																

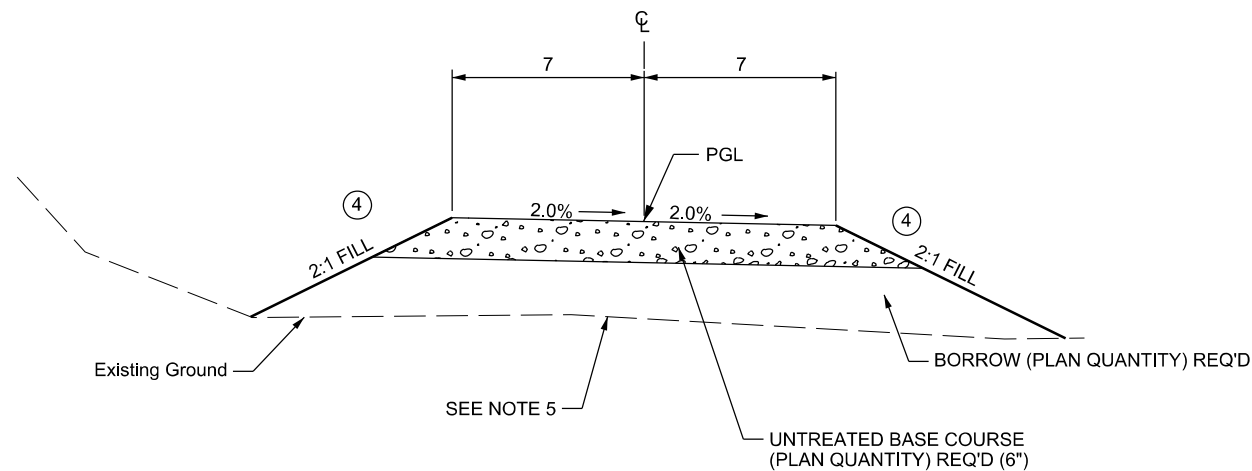
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TYPICAL SECTION 4

UTAH LAKESHORE TRAIL

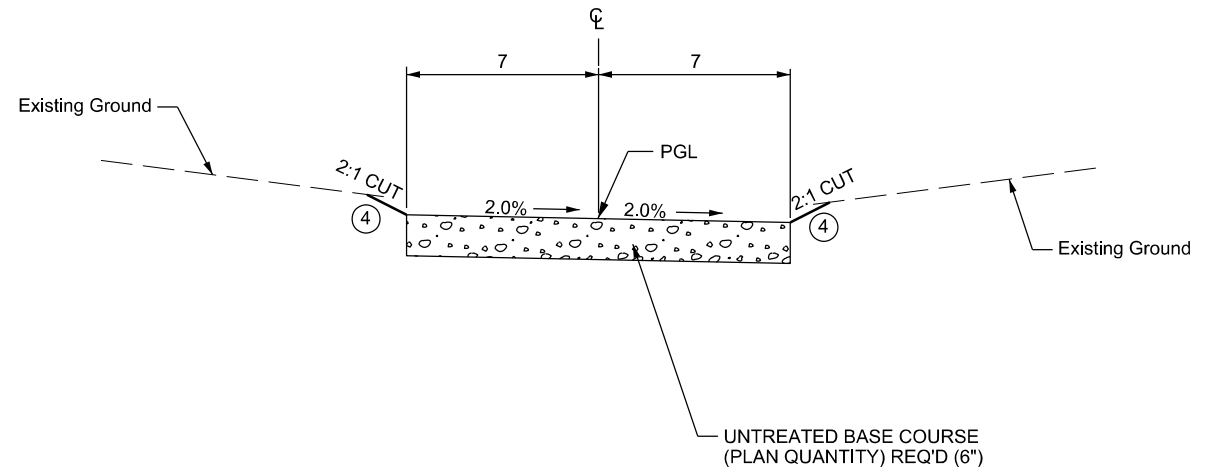
31+10.00 TO 34+40.00
38+50.00 TO 40+60.00
41+90.00 TO 42+30.00
43+80.00 TO 44+90.00
46+00.00 TO 47+23.15
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT



TYPICAL SECTION 6

TIE-IN 1, TIE-IN 2

51+08.00 TO 51+46.88
60+18.00 TO 60+56.04
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT



TYPICAL SECTION 5

TIE-IN 1, TIE-IN 2

50+00.00 TO 51+08.00
60+00.00 TO 60+18.00
DESIGN SPEED 15 MPH
LATERAL OFFSET 2 FT

NOTES:

- PRELOAD USED FOR TEMPORARY CONDITION DUE TO SUBGRADE SETTLEMENT. FINAL PROFILE AND HMA TO BE COMPLETED IN A FUTURE PROJECT. TAPER PRELOAD FROM 12" TO 0" WITHIN 24' OF EXISTING TIE-INS.
- PLACE 9" UNTREATED BASE COURSE OVER STABILIZATION GEOTEXTILE (NONWOVEN) AND EXISTING GROUND. WRAP GEOTEXTILE OVER BASE LAYER AS NOTED. MEET 15" MINIMUM THICKNESS OF UNTREATED BASE COURSE USING 6" MINIMUM TOPPING OVER GEOTEXTILE WRAP.
- PLACE STABILIZATION GEOTEXTILE (NONWOVEN) OVER CLEARED EXISTING GRADE. WRAP AROUND 9" UNTREATED BASE COURSE LAYER AND TERMINATE 3' MINIMUM INTO UNTREATED BASE COURSE LAYER. PROVIDE 3' MINIMUM OVERLAP BETWEEN STABILIZATION GEOTEXTILES SEGMENTS.
- BROADCAST SEED REQ'D TO BE PLACED OVER ALL CUT AND FILL SLOPE AREAS.
- CLEARING INCLUDES REMOVAL OF ALL TREES AND STANDING VEGETATION WITHIN THE AREA SPECIFIED. PLACE GEOTEXTILE AND EMBANKMENT DIRECTLY OVER EXISTING GROUND (NO SCARIFYING) WITHOUT DISTURBING ROOTS AND NATURAL GROUND COVER TO AVOID EXCESSIVE SOFT SPOTS. PHRAGMITES REMOVAL IS INCIDENTAL TO CLEARING. NOXIOUS WEED CONTROL IS REQUIRED AFTER CLEARING TO PRETREAT THE AREA AND PREVENT REGROWTH. REFER TO SECTION 02924 FOR SPECIFIC REQUIREMENTS.
- WHEN SURFACE WATER IS PRESENT OR ADJACENT TO PIPE CROSSINGS, RESIDENT ENGINEER TO DETERMINE IF TYPICAL SECTION 2 IS TO BE USED IN PLACE OF THE PROPOSED TYPICAL SECTION.

REVISIONS

CITY OF SARATOGA SPRINGS
CONSOR NORTH AMERICA, INC.

APPROVED

PROFESSIONAL ENGINEER

DATE

CHECKED BY

BG

NO. DATE APPROVED BY

REMARKS

UTAH LAKESHORE TRAIL

AMANDA LANE SEGMENT

PIN

UT 22-013

TYPICAL SECTION

PROJECT

PROJECT NUMBER

SHEET NO. TS-02

MISCELLANEOUS SUMMARY								
LINE	FROM	TO	MOBILIZATION	PUBLIC INFORMATION SERVICES	TRAFFIC CONTROL	SURVEY	BROADCAST SEED	REMARKS
	STATION	STATION	LUMP	LUMP	LUMP	LUMP	ACRE	
AMANDA LANE	10+00.00	47+25.00	1	1	1	1	2	
TOTAL			1	1	1	1	2	

RECONSTRUCT SUMMARY				
LINE	LOCATION		MANHOLE	REMARKS
	STATION	OFFSET	EA	
AMANDA LANE	11+57.74	68.18 LT	1	
TOTAL			1	

*SILT FENCE TO BE PLACED 5 FT MINIMUM FROM THE TOE OF ANY PROPOSED FILL SLOPE.

SHEET NO. SM-01

LINE	STATION		LENGTH	ROADWAY EXCAVATION (PLAN QUANTITY)	ROADWAY EXCAVATION X	BORROW (PLAN QUANTITY)	UNCOMPACTED SHOULDER FILL (PLAN QUANTITY)	CLEARING AND GRUBBING (PLAN QUANTITY)	CLEARING (PLAN QUANTITY)
					0.87				
	FROM	TO	FT	CU YD	CU YD	CU YD	CU YD	ACRE	ACRE
AMANDA LANE	10+10.30	12+50.00	239.70	44	38		30	0.13	
AMANDA LANE	12+50.00	13+70.00	120.00	14	12		0		0.06
AMANDA LANE	13+70.00	14+30.00	60.00	33	29		0	0.03	
AMANDA LANE	14+30.00	31+10.00	1680.00	153	133		0		1.00
AMANDA LANE	31+10.00	34+40.00	330.00	10	9		54		0.17
AMANDA LANE	34+40.00	38+50.00	410.00	37	32		30	0.21	
AMANDA LANE	38+50.00	40+60.00	210.00	4	3		40		0.11
AMANDA LANE	40+60.00	41+90.00	130.00	2	2		30	0.07	
AMANDA LANE	41+90.00	42+30.00	40.00	1	1		12		0.02
AMANDA LANE	42+30.00	43+80.00	150.00	66	57		16	0.09	
AMANDA LANE	43+80.00	44+90.00	110.00	1	1		50		0.07
AMANDA LANE	44+90.00	46+00.00	110.00	22	19		18	0.06	
AMANDA LANE	46+00.00	47+23.15	123.15	9	8		91		0.10
TIE-IN 1	50+00.00	51+51.92	151.92	4	3	25		0.03	
TIE-IN 2	60+00.00	60+56.04	56.04	2	2	56		0.02	
TOTAL				401	349	82	371	1	2

SURFACING SUMMARY														
LINE	STATION		LENGTH	BASE COURSES								STABILIZATION GEOTEXTILE (NONWOVEN)	REMARKS	
				FREE DRAINING GRANULAR BACKFILL (PLAN QUANTITY)				UNTREATED BASE COURSE (PLAN QUANTITY)						
	FROM	TO	FT	AVG WIDTH	DEPTH	VOL	VOL	AVG WIDTH	DEPTH	VOL	VOL	SQ YD		
				FT	IN	CU FT	CU YD	FT	IN	CU FT	CU YD			
AMANDA LANE	10+10.30	12+50.00	240					14	33**	9,320	345	615		
AMANDA LANE	12+50.00	31+10.00	1,860	24	9	33,661	1,247	14	44**	94,950	3,517	10,538		
AMANDA LANE	31+10.00	47+23.15	1,613					14	40**	76,096	2,818	4,648		
AMANDA LANE	46+84.27	47+21.45	23					14	17**	464	17		CONNECTION TO EAGLE PARK	
TIE-IN 1	50+00.00	51+51.92	166					14	17**	3,338	124		CONNECTION TO CENTENNIAL BLVD	
TIE-IN 2	60+00.00	60+56.04	56					14	17**	1,129	42		CONNECTION TO HOA TRAIL	
TOTAL							1,247				6,863	15,801		

**DEPTH VARIES, SEE TS SHEETS FOR REQUIREMENTS.

SIGN #	LINE	STATION	OFFSET	SIGN DESCRIPTION	MUTCD SIGN CODE	SIGN CODE	SIGN COLOR	SIGN BASE AND FACE MATERIAL		SIGN POST P2	SMALL SIGN TUBULAR STEEL POST BASE (B1)	DELINEATOR - CULVERT MARKER	REMARKS
								TYPE A-1	TYPE A-1				
SQ FT	EA	EA	EA	EA									
--	AMANDA LANE	11+31.51	8.00 LT	CULVERT MARKER								1	
--	AMANDA LANE	11+33.36	80.19 RT	CULVERT MARKER								1	
--	AMANDA LANE	21+62.21	8.00 RT	CULVERT MARKER								1	
--	AMANDA LANE	21+68.21	8.00 LT	CULVERT MARKER								1	
3.1	AMANDA LANE	25+69.15	24.89 LT	END OF PUBLIC TRAIL	CUSTOM	N	BK/W		1	1	1		
--	AMANDA LANE	25+55.91	8.00 RT	CULVERT MARKER								1	
--	AMANDA LANE	36+20.71	8.00 RT	CULVERT MARKER								1	
--	AMANDA LANE	36+26.71	8.00 LT	CULVERT MARKER								1	
--	AMANDA LANE	41+58.43	8.00 RT	CULVERT MARKER								1	
--	AMANDA LANE	41+64.40	8.00 LT	CULVERT MARKER								1	
6.1	AMANDA LANE	47+23.06	15.36 LT	END OF PUBLIC TRAIL	CUSTOM	N	BK/W		1	1	1		
6.2	AMANDA LANE	46+74.27	15.00 LT	CURVE WARNING	W1-2R	N	BK/Y	2.25		1	1		
7.1	TIE-IN 1	50+42.00	10.00 LT	END OF PUBLIC TRAIL	CUSTOM	N	BK/W		1	1	1		
TOTAL								3	3	4	4	9	

SIGNING KEY

<u>SIGN COLOR</u>	<u>SIGN CODE</u>
W = WHITE	R = RELOCATION
G = GREEN	N = NEW SIGN
BL = BLUE	AUX = AUXILIARY SIGN
BR = BROWN	
BK = BLACK	
Y = YELLOW	
R = RED	

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DRAINAGE SYSTEMS - SMALL STRUCTURES SUMMARY						
LINE	STATION	OFFSET	STRUCTURE ID	DEBRIS DOME GRATE AND FRAME PER D&L C-2300-02 OR EQUIVALENT	CONCRETE DRAINAGE STRUCTURE - PRECAST - CB-12	
					4 FT. WIDE X 4 FT. LONG X 5 FT. DEEP	4 FT. WIDE X 4 FT. LONG X 8 FT. DEEP
				EACH	EACH	EACH
AMANDA LANE	11+34.65	49.27 LT	CB 1-1			1
AMANDA LANE	11+34.30	12.04 LT	CB 1-2	1	1	
AMANDA LANE	12+07.17	12.04 LT	CB 1-3	1	1	
AMANDA LANE	25+66.20	51.23 LT	CB 3-1			1
TOTAL				2	2	2

DRAINAGE SYSTEMS SUMMARY																
LINE	FROM		TO		ID #	DRAINAGE PIPE				CIRCULAR END SECTION				SURFACE DITCH	LOOSE RIPRAP	REMARKS
	STATION	OFFSET	STATION	OFFSET		12 INCH	15 INCH	18 INCH	24 INCH	12 INCH	15 INCH	18 INCH	24 INCH			
						REINFORCED CONCRETE, LEAK-RESISTANT										
						FT	FT	FT	FT							
AMANDA LANE	10+60.00	8.25 LT	11+32.14	11.00 LT										23.55		
AMANDA LANE	11+34.30	12.04 LT	12+07.17	12.04 LT	P 1-2		69.9									
AMANDA LANE	11+34.30	12.04 LT	11+31.03	85.52 RT	P 1-3			96.3				1				
AMANDA LANE	11+34.65	49.27 LT	11+34.30	12.04 LT	P 1-1			32.8								
AMANDA LANE	11+59.25	13.21 LT	13+40.00	11.15 LT										57.61		
AMANDA LANE	21+45.21	14.16 LT	21+65.21	15.10 LT										13.35		
AMANDA LANE	21+65.21	15.10 LT	21+65.21	12.91 RT	P 2-1		28.0			2						
AMANDA LANE	21+65.21	15.10 LT	21+66.25	27.32 LT	SD 2-1								12			
AMANDA LANE	21+65.21	12.91 RT	21+65.21	87.01 RT	SD 2-2								74			
AMANDA LANE	21+65.21	15.10 LT	21+66.25	27.32 LT										3.25	END OF PIPE SECTION	
AMANDA LANE	25+57.53	20.25 RT	25+66.20	51.23 LT	P 3-1		70.0			1						
AMANDA LANE	25+57.53	20.25 RT	25+57.53	105.39 RT	SD 3-1								85			
AMANDA LANE	36+04.32	11.00 LT	36+44.32	11.00 LT										13.32		
AMANDA LANE	36+24.32	12.04 LT	36+24.32	8.54 RT	P 4-1	20.6				2						
AMANDA LANE	36+24.32	8.54 RT	36+24.32	85.84 RT	SD 4-1								77			
AMANDA LANE	41+41.46	11.03 LT	41+81.46	11.21 LT										13.06		
AMANDA LANE	41+60.34	21.62 LT	41+61.74	13.70 LT	SD 5-1								8			
AMANDA LANE	41+60.34	21.62 LT	41+57.55	34.02 LT										6.67	END OF PIPE SECTION	
AMANDA LANE	41+61.24	12.30 RT	41+60.61	56.39 RT	SD 5-2								44			
AMANDA LANE	41+61.74	13.70 LT	41+61.24	12.30 RT	P 5-1			26.0			2					
AMANDA LANE	44+90.00	11.00 LT	46+95.34	13.33 LT										65.57		
AMANDA LANE	47+13.36	10.00 RT	47+11.19	22.00 RT	SD 6-1								12			
AMANDA LANE	47+13.36	10.00 RT	47+11.19	22.00 RT										4.07	END OF PIPE SECTION	
TOTAL						21	168	26	129	2	3	2	1	312	200	

UTAH LAKESHORE TRAIL
AMANDA LANE SEGMENT

UT 22-013

SUMMARY

CITY OF SARATOGA SPRINGS
CONSOR NORTH AMERICA, INC.

APPROVED

11/26/2024

DATE

REVISIONS

NO.

DATE

APPROVED BY

REMARKS

PROJECT

PROJECT NUMBER

DRAWN BY

QC

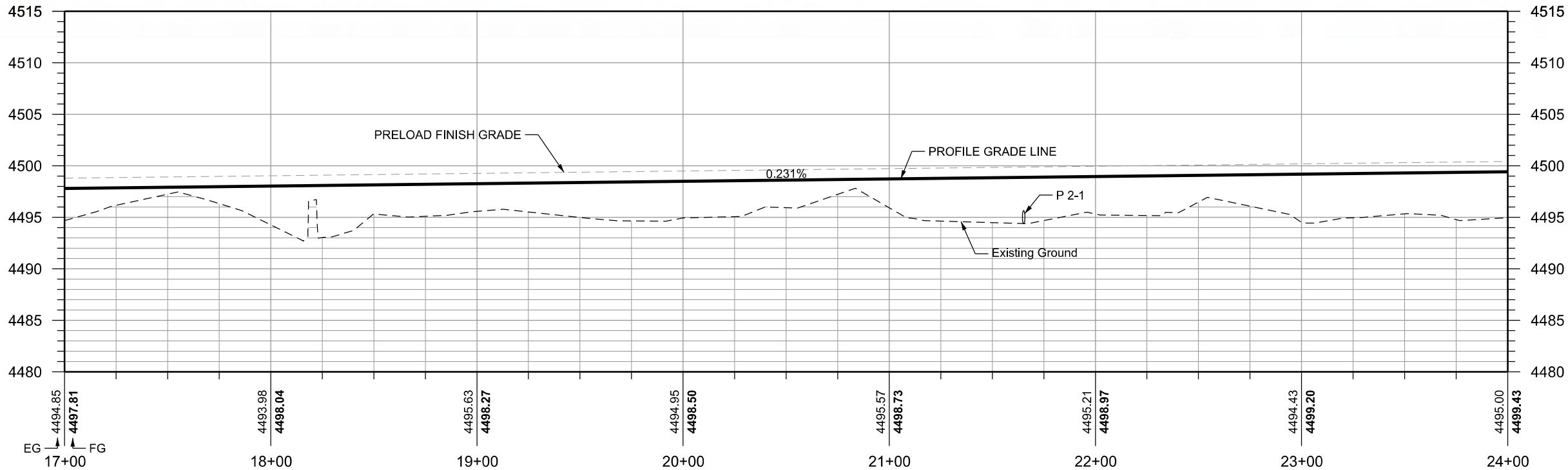
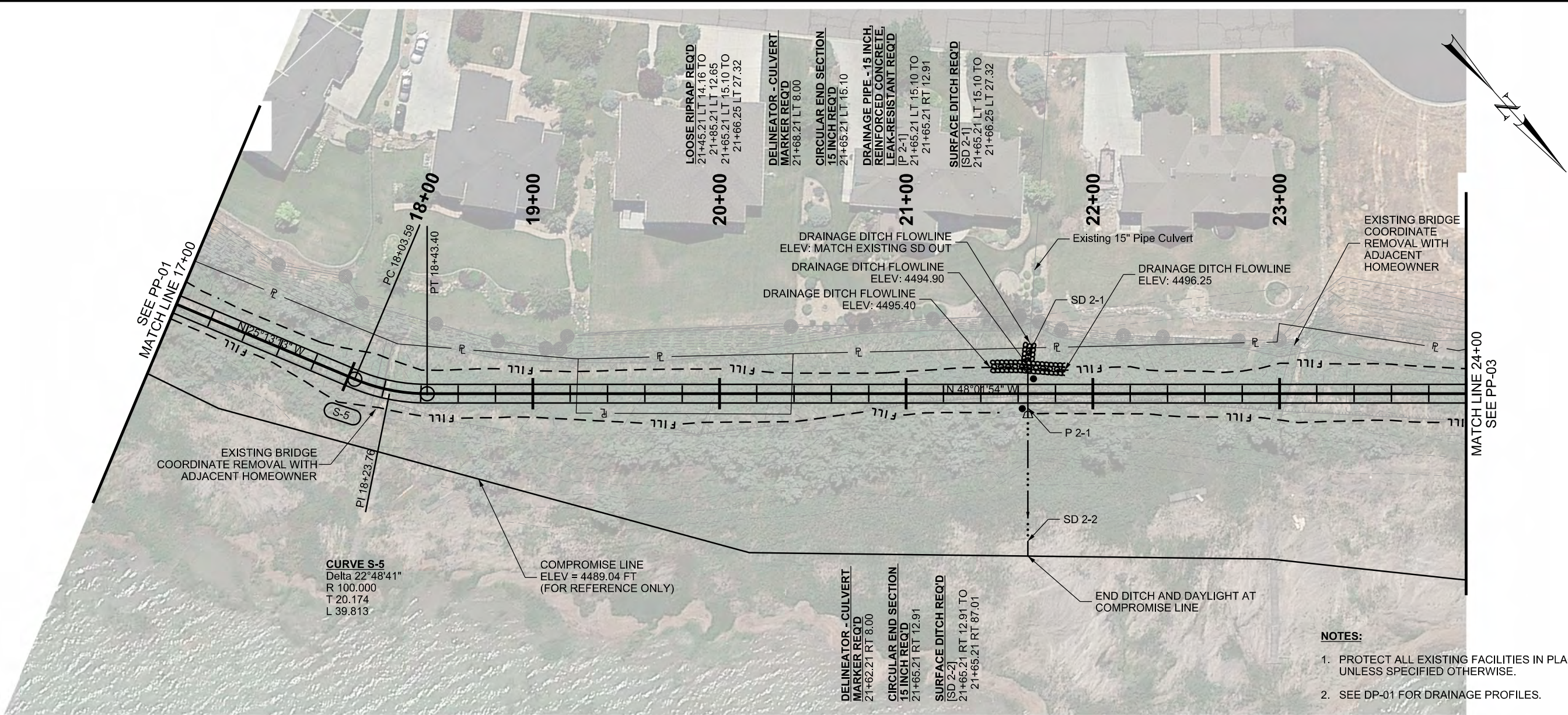
SB

CHECKED BY

SHEET NO.

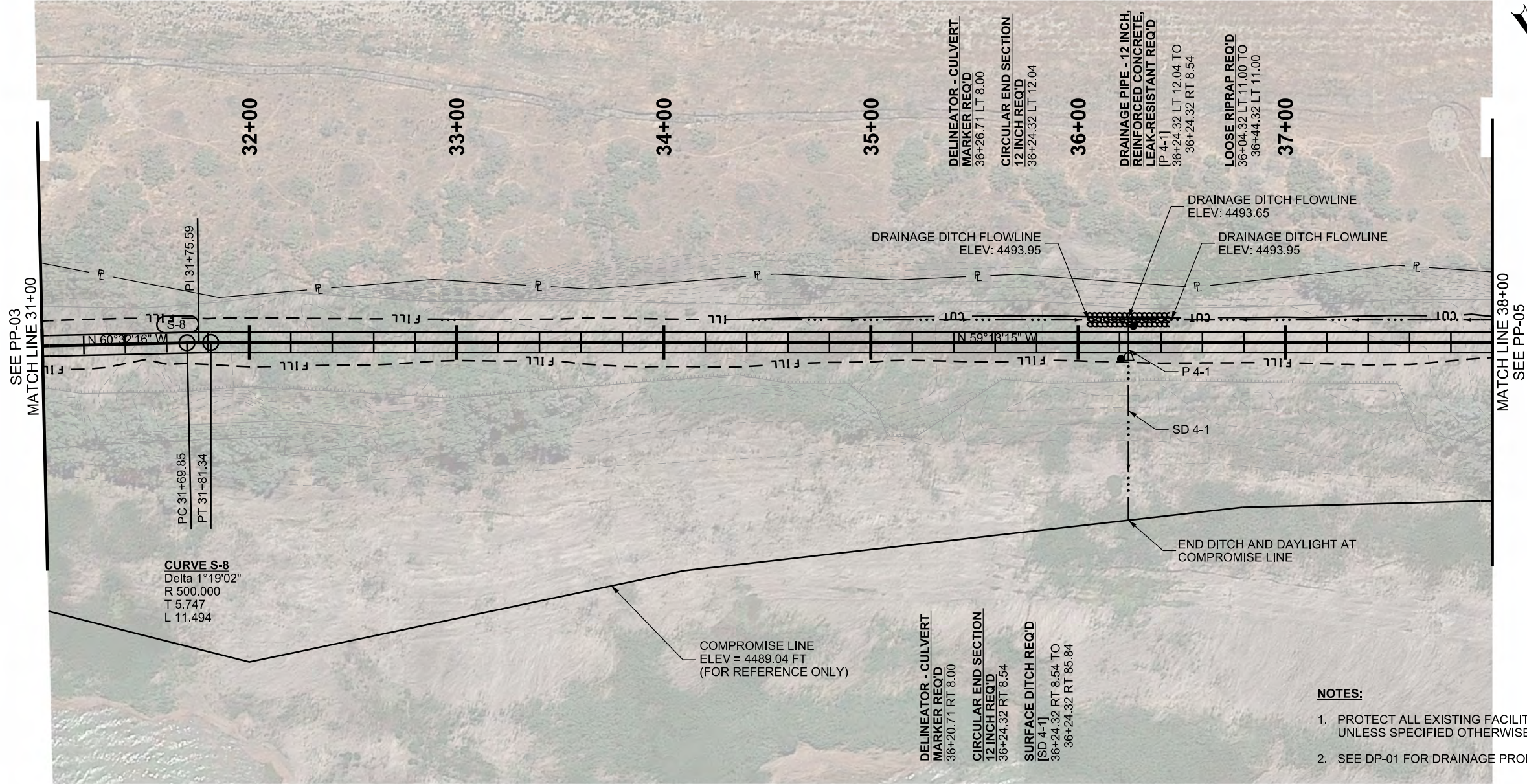
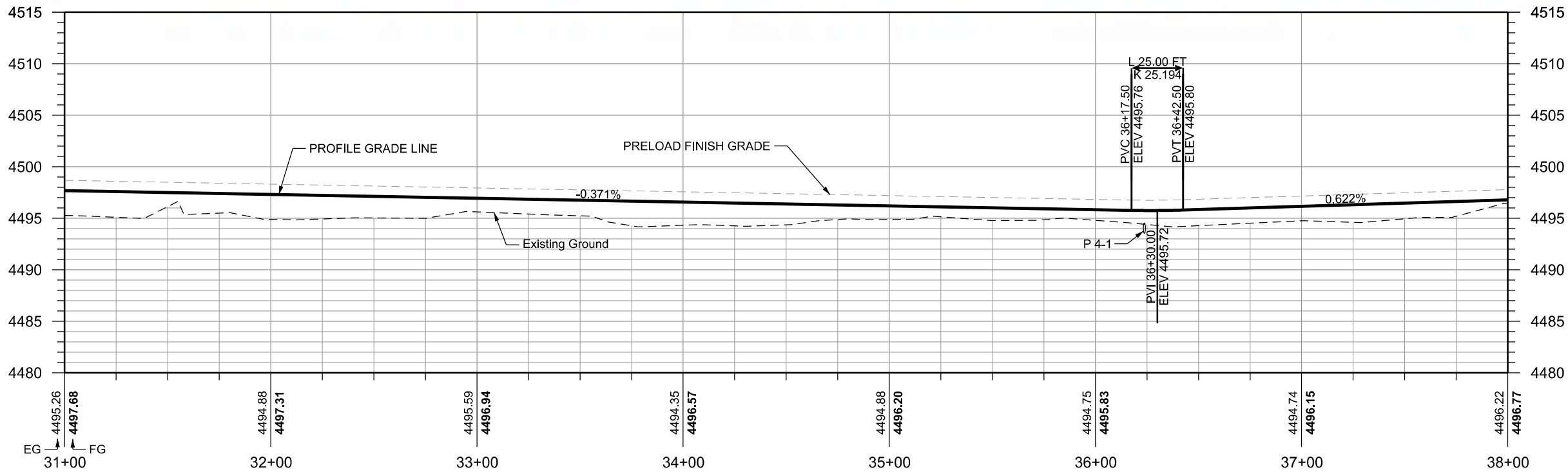
SM-03

20-DEC-2024 BDN Files\\P:\\West Jordan\\2022\\Projects\\UT 22-013 Saratoga Springs - Utah Lake Shoreline Trail\\Drawing File\\Amends Lane Trail\\22013.PP-02.dgn



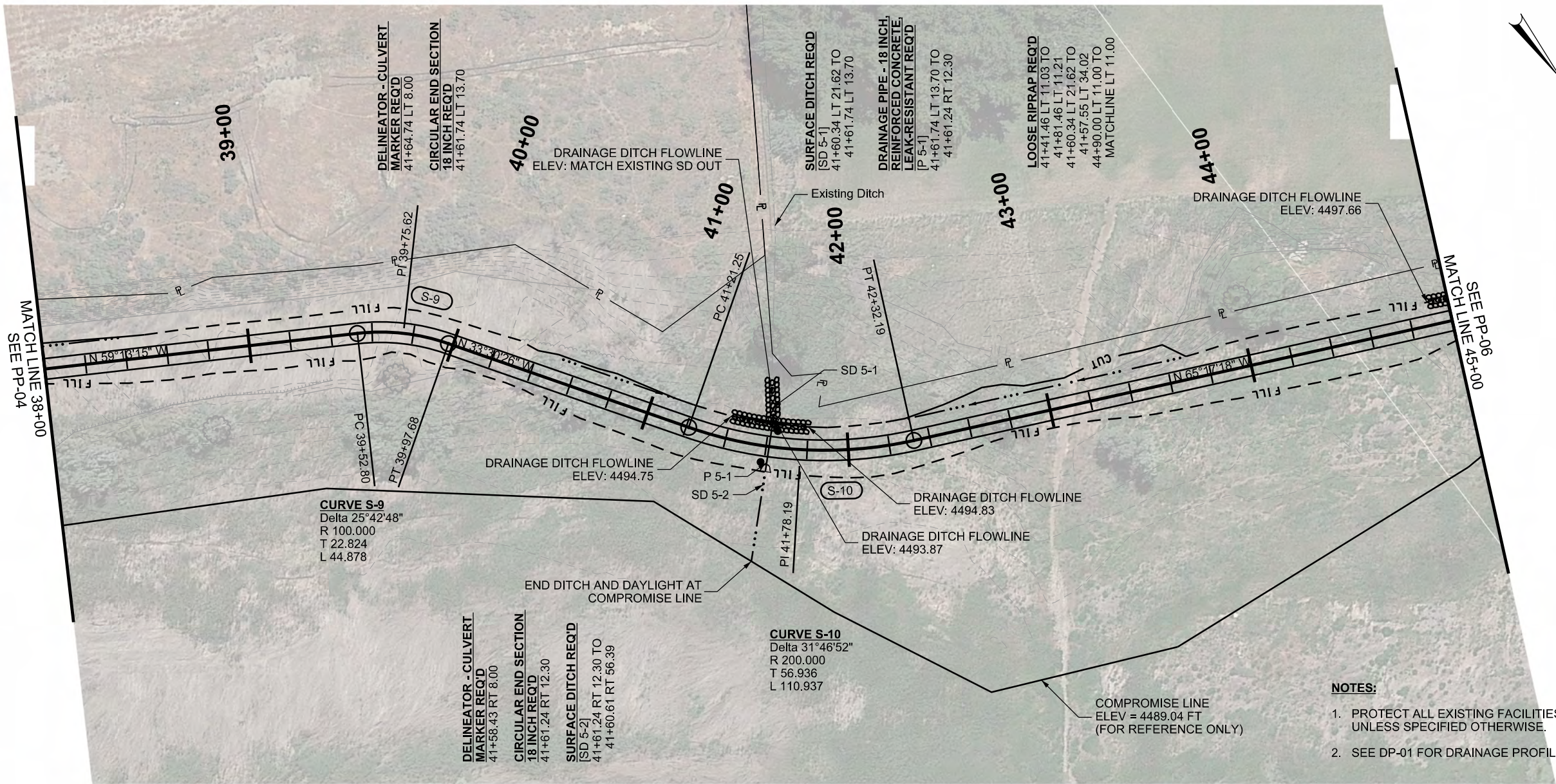
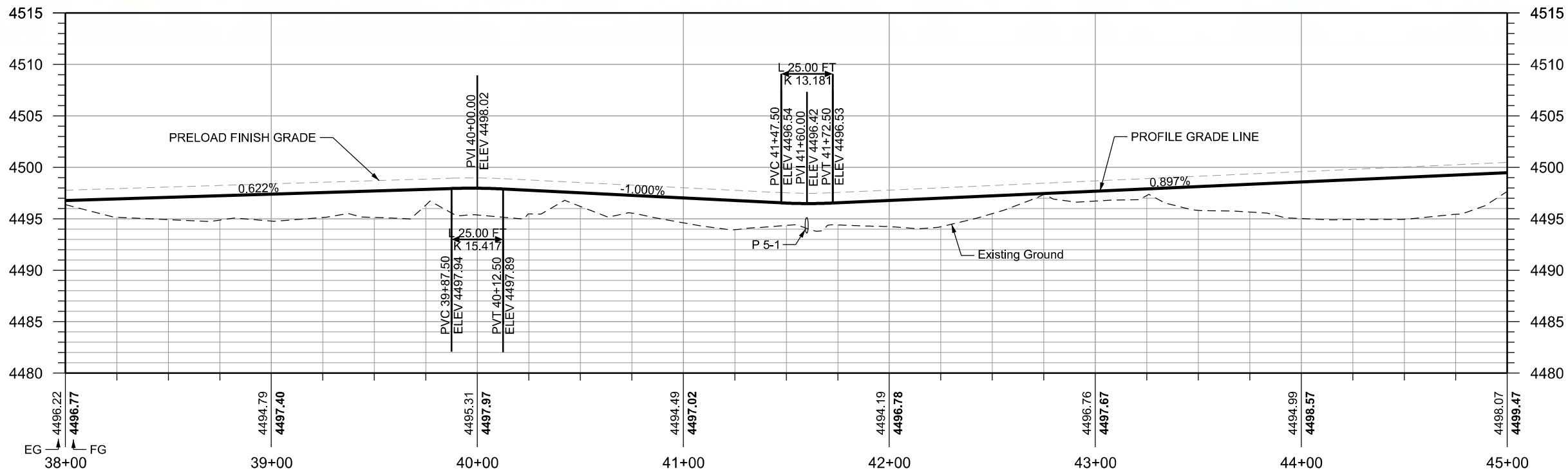
SHEET NO.		PP-02		CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.										REVISIONS			
PROJECT		UTAH LAKESHORE TRAIL		APPROVED		DRAWN BY		BG									
PROJECT NUMBER		AMANDA LANE SEGMENT		UT 22-013		PIN		12/20/2024		QC CHECKED BY		SB		NO.		DATE	
		PLAN AND PROFILE		PROFESSIONAL ENGINEER		DATE		12/20/2024						APPROVED BY		REMARKS	

20-DEC-2024 BDN Files\\P:\\West Jordan\\2022\\Projects\\UT 22-013 Saratoga Springs - Utah Lake Shoreline Trail\\Drawing File\\Amends Lane Trail\\22013-PP-04.dgn



SHEET NO.		PP-04		CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.										REVISIONS									
PROJECT		UTAH LAKESHORE TRAIL		APPROVED		DRAWN BY		BG															
PROJECT NUMBER		AMANDA LANE SEGMENT		UT 22-013		PIN		12/20/2024		QC CHECKED BY		SB											
		PLAN AND PROFILE						DATE															
								PROFESSIONAL ENGINEER															

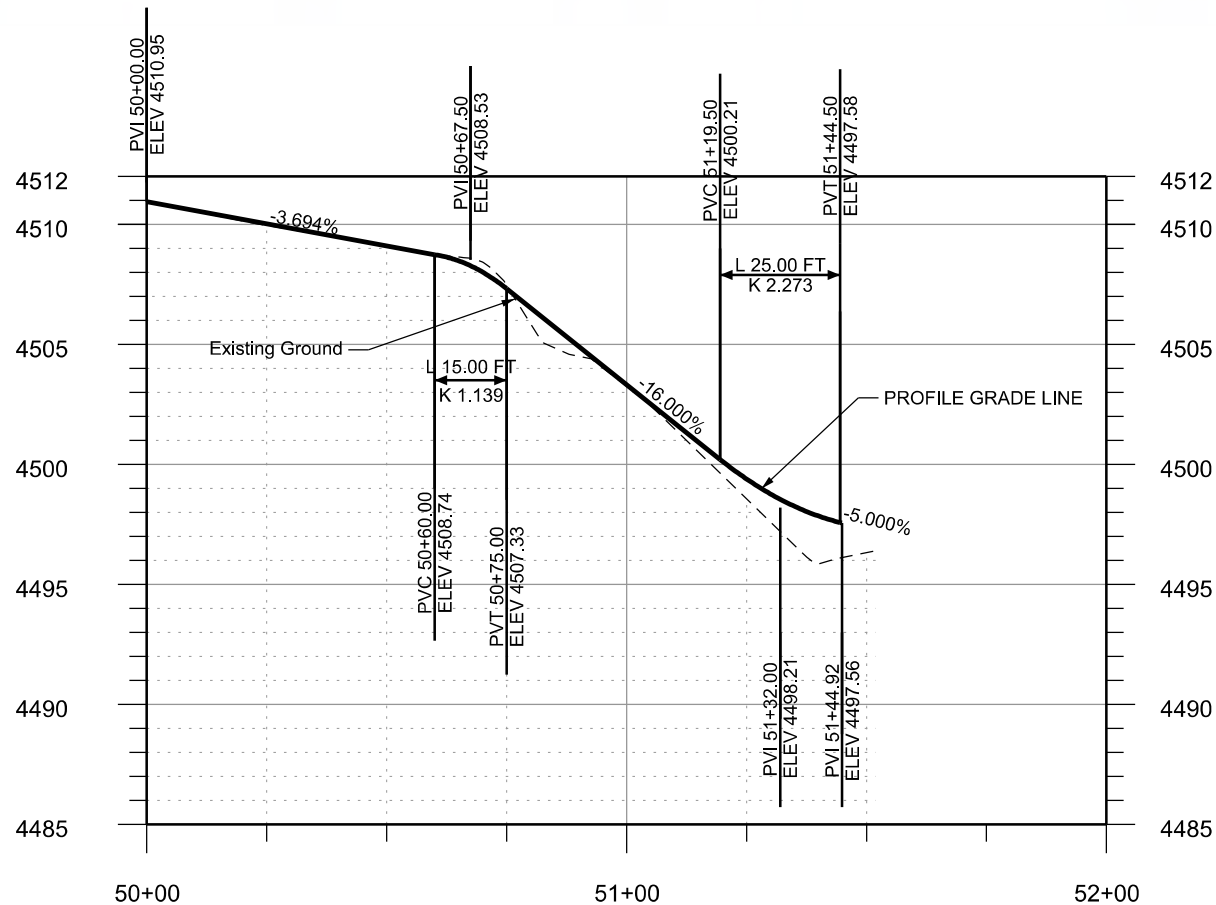
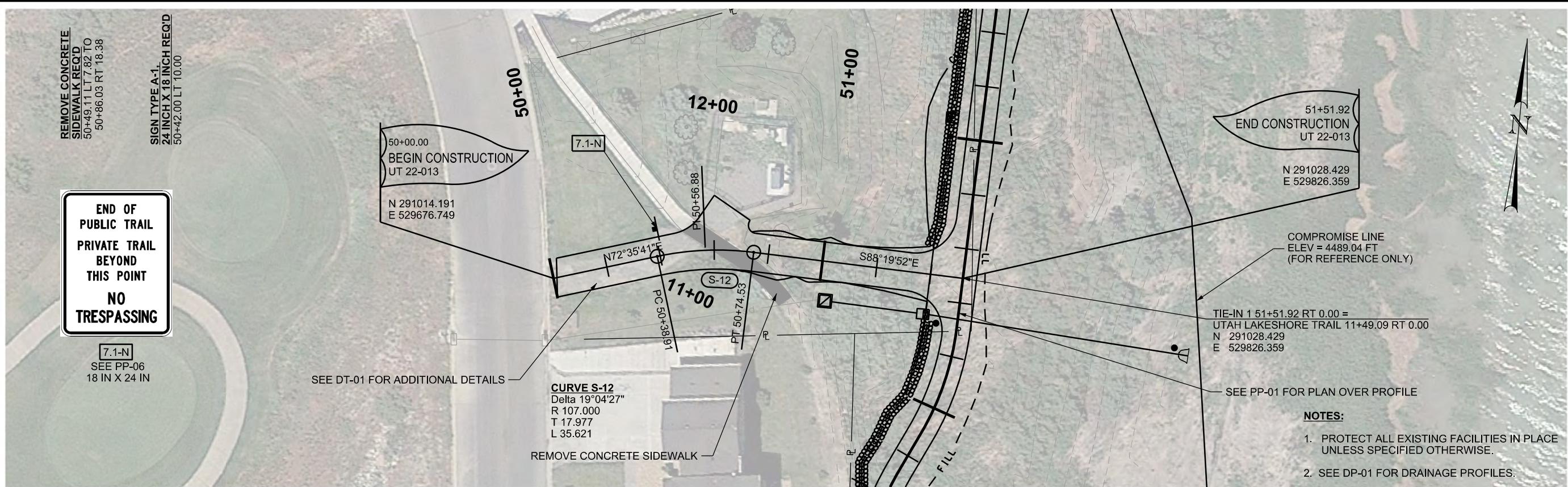
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- NOTES:**
1. PROTECT ALL EXISTING FACILITIES IN PLACE UNLESS SPECIFIED OTHERWISE.
 2. SEE DP-01 FOR DRAINAGE PROFILES.

SHEET NO.		PP-05		CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.										REVISIONS			
PROJECT		UTAH LAKESHORE TRAIL		APPROVED		DRAWN BY		BG									
PROJECT NUMBER		AMANDA LANE SEGMENT		UT 22-013		PIN		12/20/2024		QC CHECKED BY		SB					
		PLAN AND PROFILE						DATE									
								PROFESSIONAL ENGINEER									

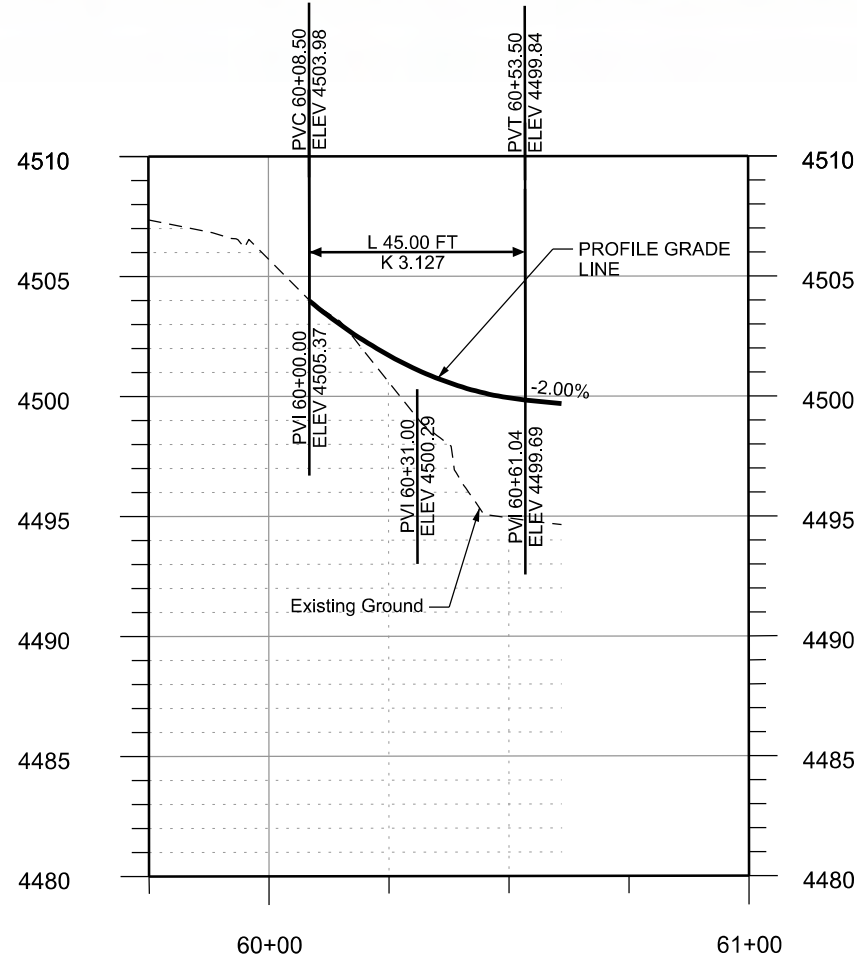
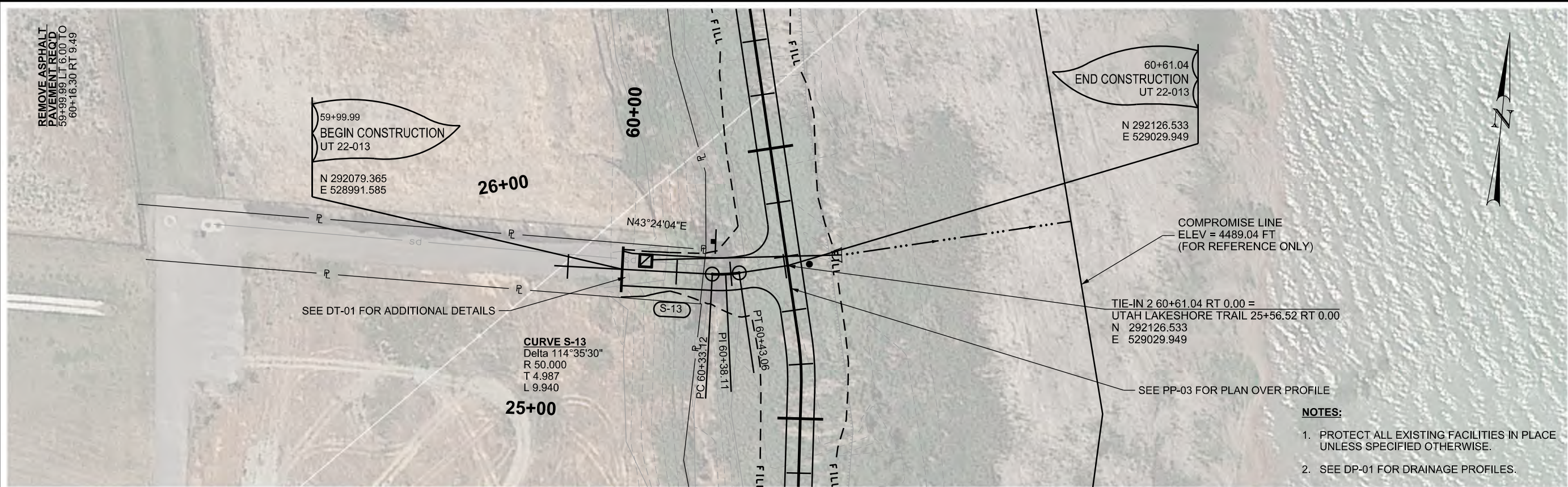
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Tie-in 1

PROJECT		UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS		REVISIONS	
PROJECT NUMBER		AMANDA LANE SEGMENT		CONSOR NORTH AMERICA, INC.			
		UT 22-013		APPROVED			
		PLAN AND PROFILE		DATE			
		PIN		12/20/2024			
		PROFESSIONAL ENGINEER		DATE			
		JBA		DWI			
		QC		CHECKED BY			
		NO.		DATE			
				APPROVED BY			
						REMARKS	

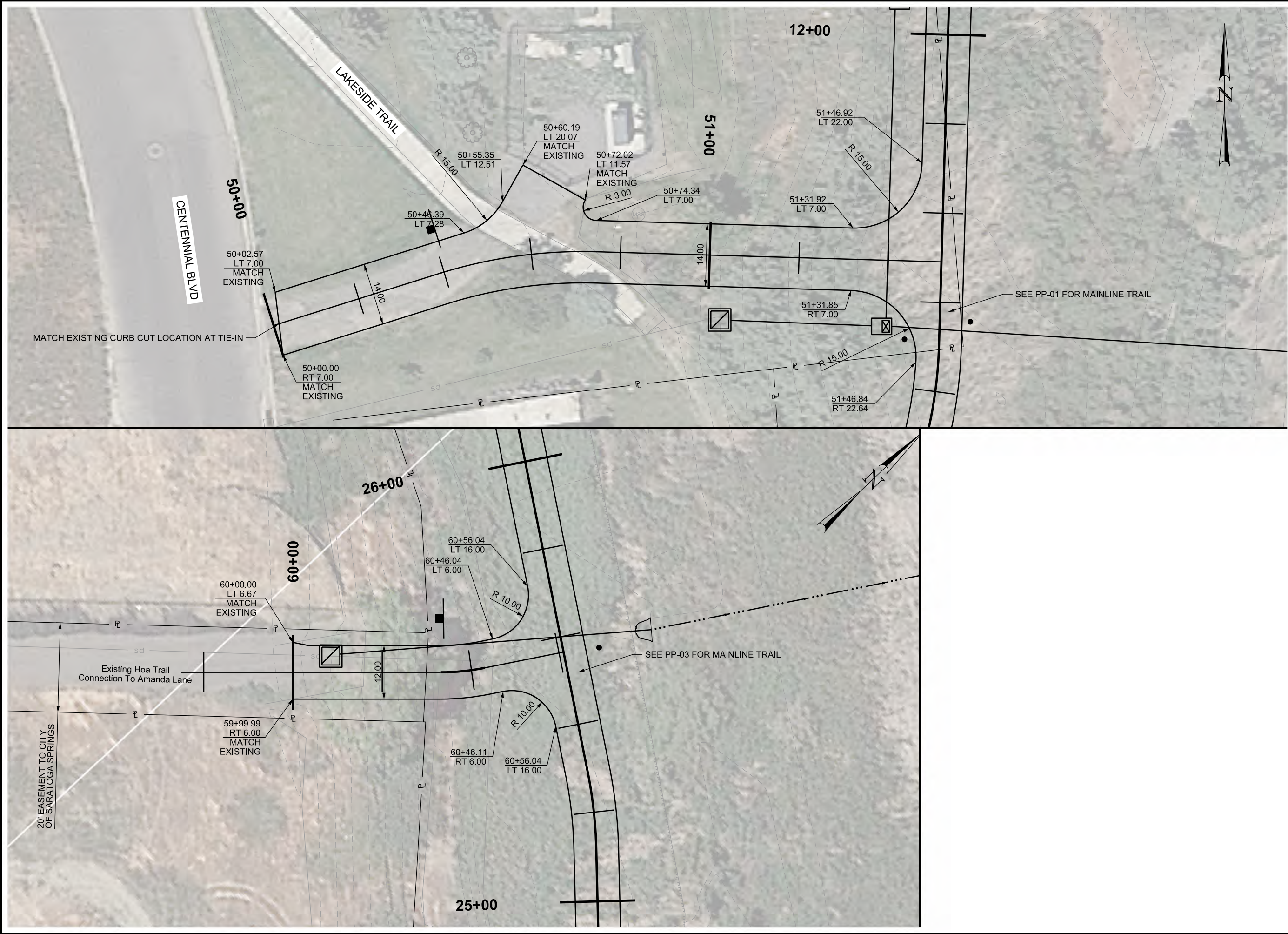
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Tie-in 2

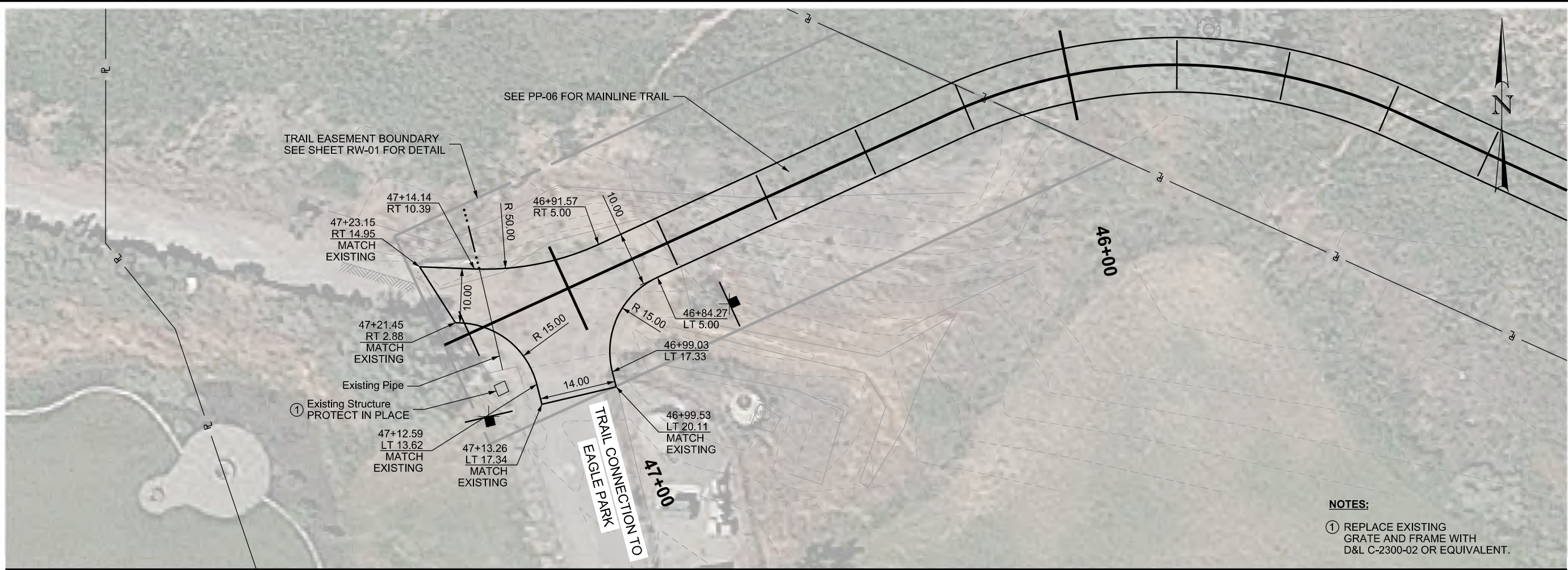
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PROJECT		AMANDA LANE SEGMENT		CONSOR NORTH AMERICA, INC.			
PROJECT NUMBER		UT 22-013		APPROVED			
		PLAN AND PROFILE		DRAWN BY JBA			
				QC CHECKED BY			
				DATE 12/11/2024			
				PROFESSIONAL ENGINEER			
				DATE			
				NO.		DATE	
				APPROVED BY			
				REMARKS			

25-NOV-2024 BDN Files P:\West Jordan\2022\Projects\UT 22-013 Saratoga Springs - Utah Lake Shoreline Trail\Drawing File\Amanda Lane Trail\22013.DT-01.dgn

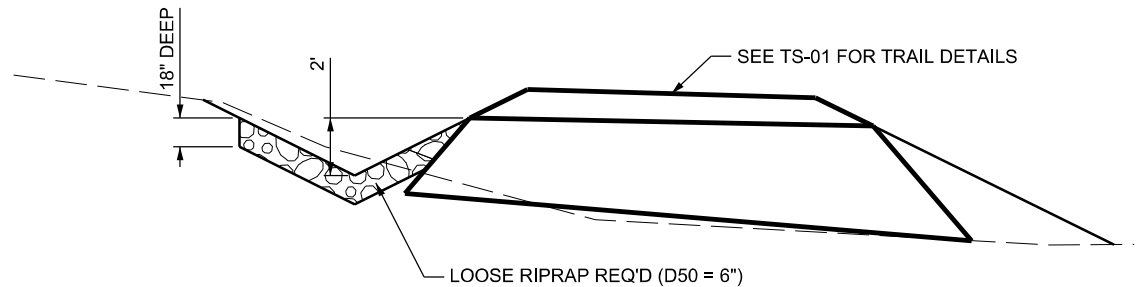


PROJECT		UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS		REVISIONS	
PROJECT NUMBER		AMANDA LANE SEGMENT		CONSOR NORTH AMERICA, INC.			
UT 22-013		DETAILS		APPROVED			
				DRAWN BY			
				QC			
				CHECKED BY			
				DATE			
				NO.			
				DATE			
				APPROVED BY			
				REMARKS			

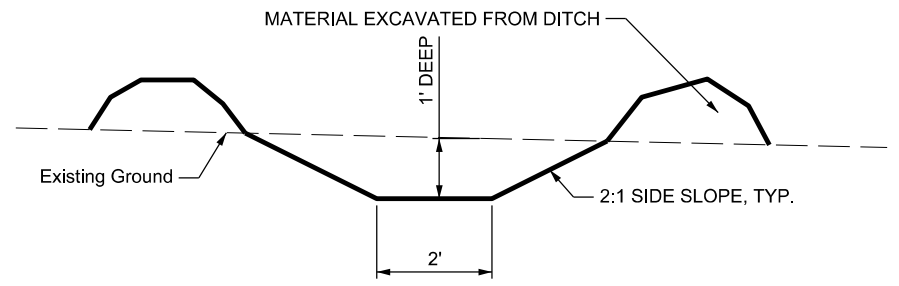
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NOTES:
① REPLACE EXISTING GRATE AND FRAME WITH D&L C-2300-02 OR EQUIVALENT.



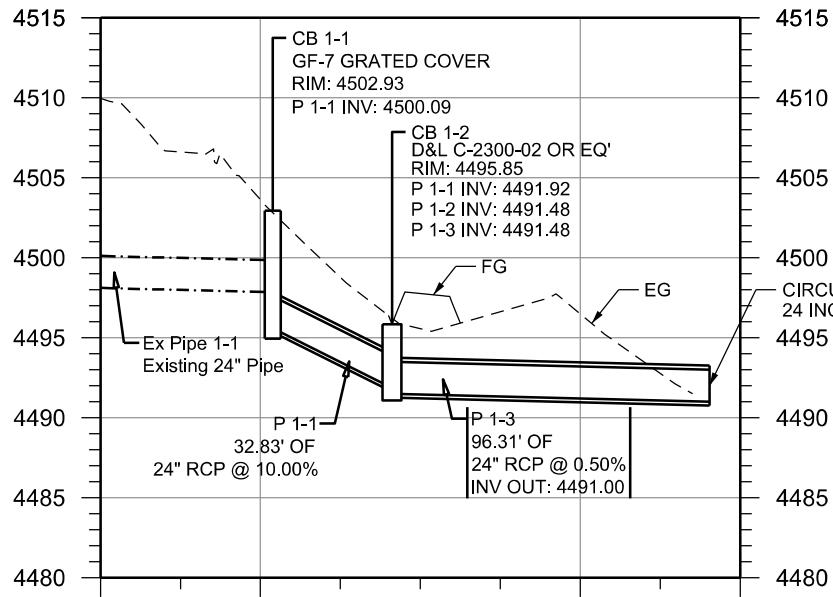
LOOSE RIPRAP DETAIL



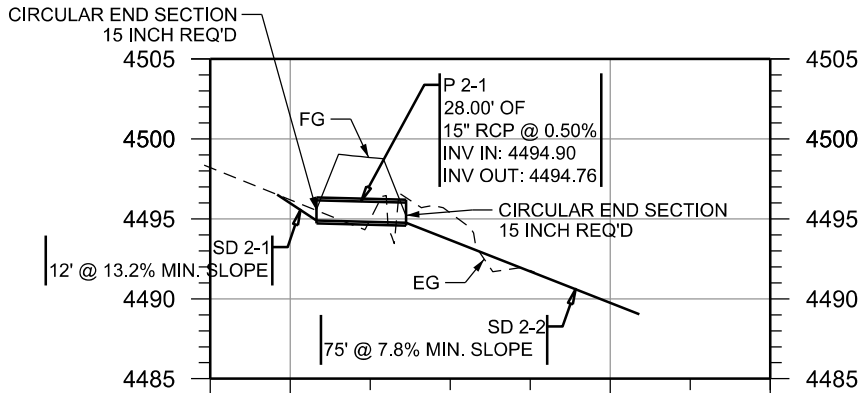
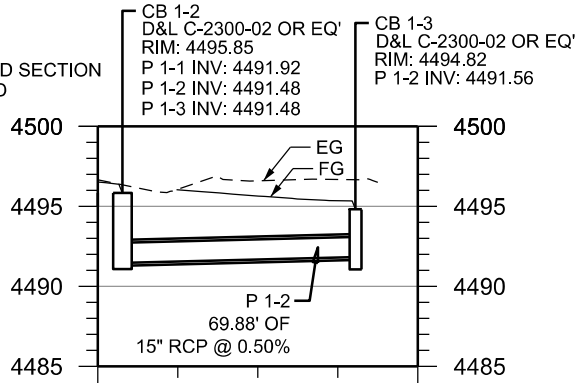
SURFACE DITCH DETAIL

UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS		REVISIONS						
AMANDA LANE SEGMENT		CONSOR NORTH AMERICA, INC.								
PROJECT	UT 22-013		APPROVED	DRAWN BY	11/25/2024		NO.	DATE	APPROVED BY	REMARKS
PROJECT NUMBER	PIN				QC	CHECKED BY				
DETAILS			PROFESSIONAL ENGINEER		DATE					
SHEET NO.			DT-02							

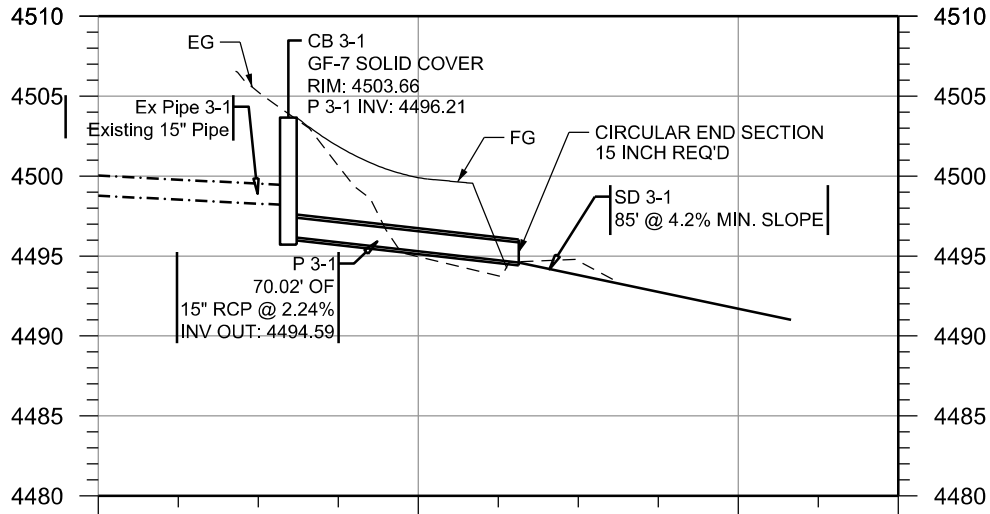
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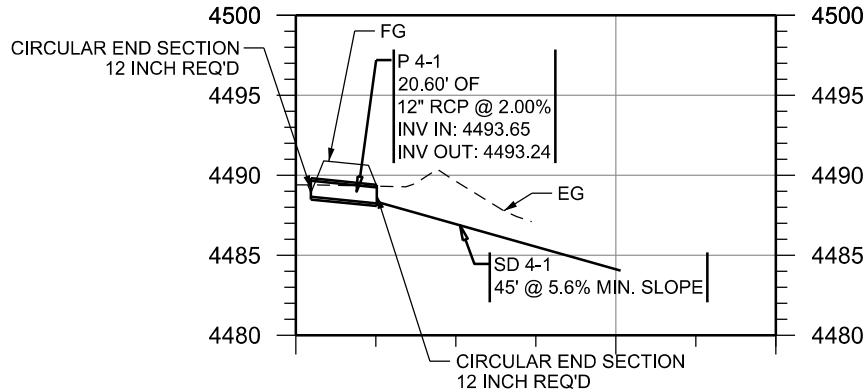
DRAINAGE PROFILE
FOR PIPES ON SHEET PP-01



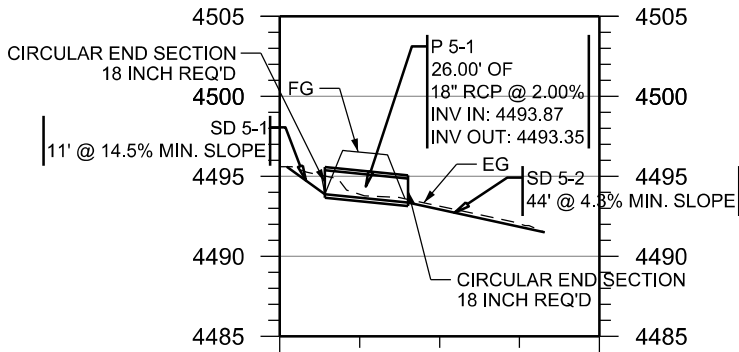
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FOR PIPES ON SHEET PP-02



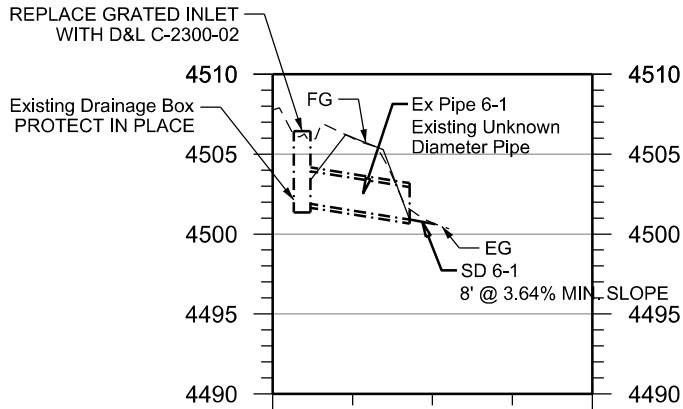
DRAINAGE PROFILE
FOR PIPES ON SHEET PP-03



DRAINAGE PROFILE
FOR PIPES ON SHEET PP-04



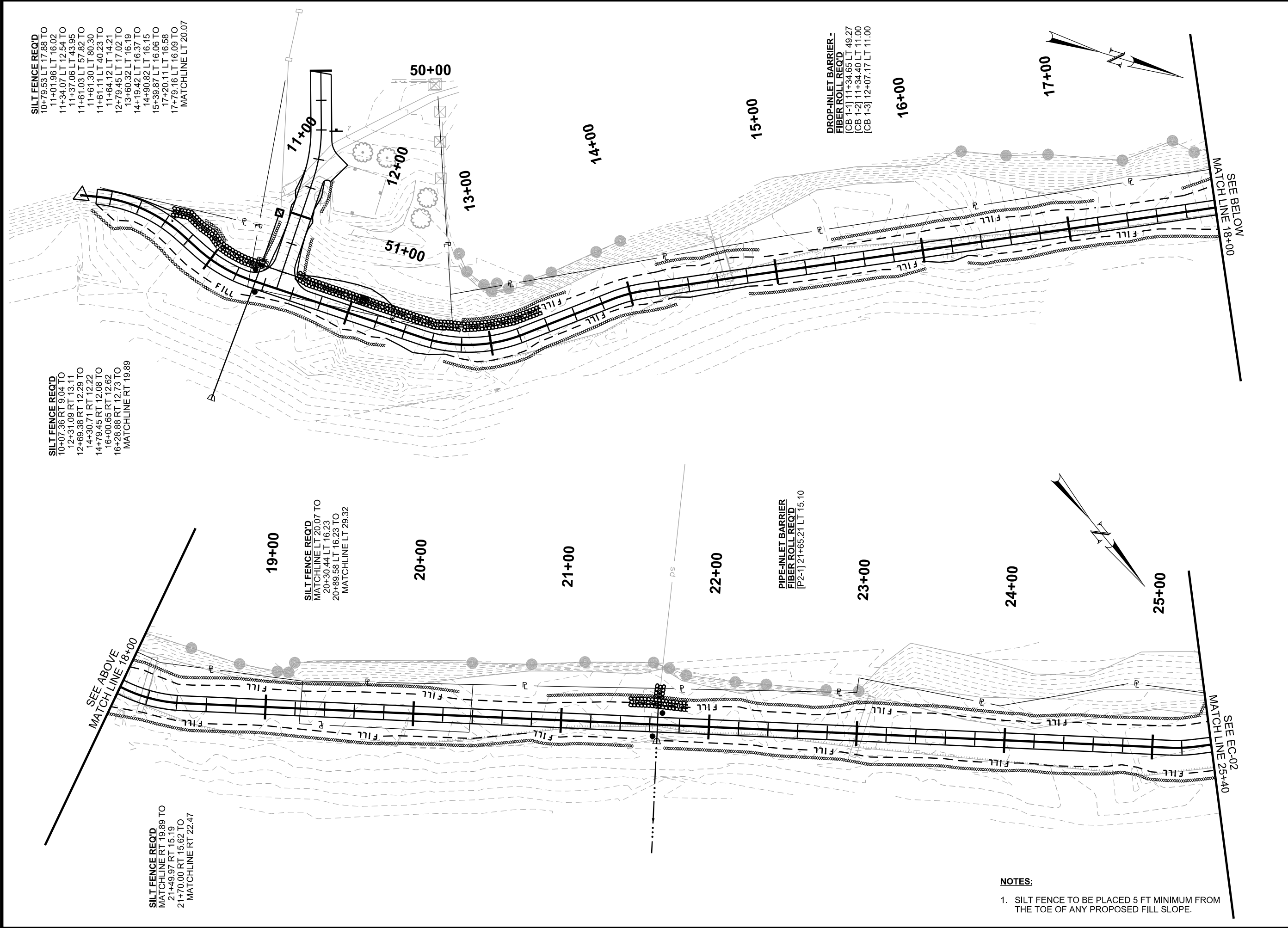
DRAINAGE PROFILE
FOR PIPES ON SHEET PP-05



DRAINAGE PROFILE
FOR PIPES ON SHEET PP-06

REVISIONS		NO.		DATE		APPROVED BY		REMARKS			
CITY OF SARATOGA SPRINGS CONSOR NORTH AMERICA, INC.		DRAWN BY		QC		CHECKED BY		APPROVED 11/25/2024 DATE PROFESSIONAL ENGINEER			
		BG		SB							
UTAH LAKESHORE TRAIL		AMANDA LANE SEGMENT		UT 22-013		PIN		DRAINAGE PROFILE			
PROJECT		PROJECT NUMBER									
SHEET NO.								DP-01			

25-NOV-2024 BDN Files P:\West Jordan\2022\Projects\UT 22-013 Saratoga Springs - Utah Lake Shoreline Trail\Drawing File\Amends Lane Trail\22013-EC-01.dgn

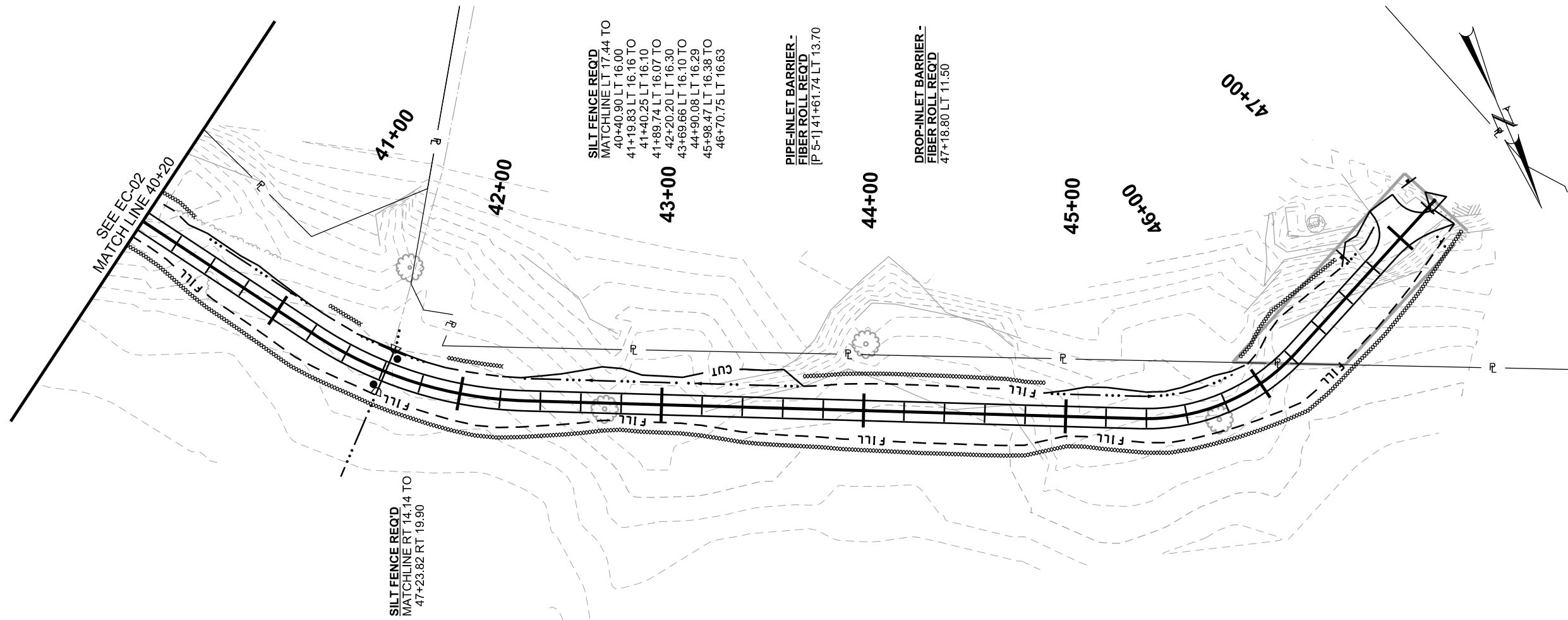


UTAH LAKESHORE TRAIL		CITY OF SARATOGA SPRINGS		REVISIONS	
AMANDA LANE SEGMENT		CONSOR NORTH AMERICA, INC.			
PROJECT		APPROVED			
PROJECT NUMBER	UT 22-013	DRAWN BY	JBA		
EROSION CONTROL		QC CHECKED BY	DWH		
		DATE	11/25/2024		
		PROFESSIONAL ENGINEER			
		NO.	DATE	APPROVED BY	REMARKS
SHEET NO. EC-01					



1. SILT FENCE TO BE PLACED 5 FT MINIMUM FROM THE TOE OF ANY PROPOSED FILL SLOPE.

[illegible]



CITY OF SARATOGA SPRINGS
CONSOR NORTH AMERICA, INC.

CONSOR NORTH AMERICA, INC.

APPROVED

PROFESSIONAL ENGINEER

~~PROFESSIONAL ENGINEER~~

DATE	11/25/2024
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DRAWN BY	QC
	CHECKED BY

JBA	DWH
-----	-----

REVISIONS

--	--

DE TRAINING

WAKEC

LIT

SE

EC-03

REMARKS

APPROVED BY

NO.	DATE
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ED BY	DWH
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_____	CHECK
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DA

~~VER~~

~~PROFESSIONAL ENGINEER~~

~~PROF~~

704

JOIN US

ENJOY

114

3

NOTES:

1. SILT FENCE TO BE PLACED 5 FT MINIMUM FROM THE TOE OF ANY PROPOSED FILL SLOPE.

U.S. Standard Units
(Inch-Pound Units)

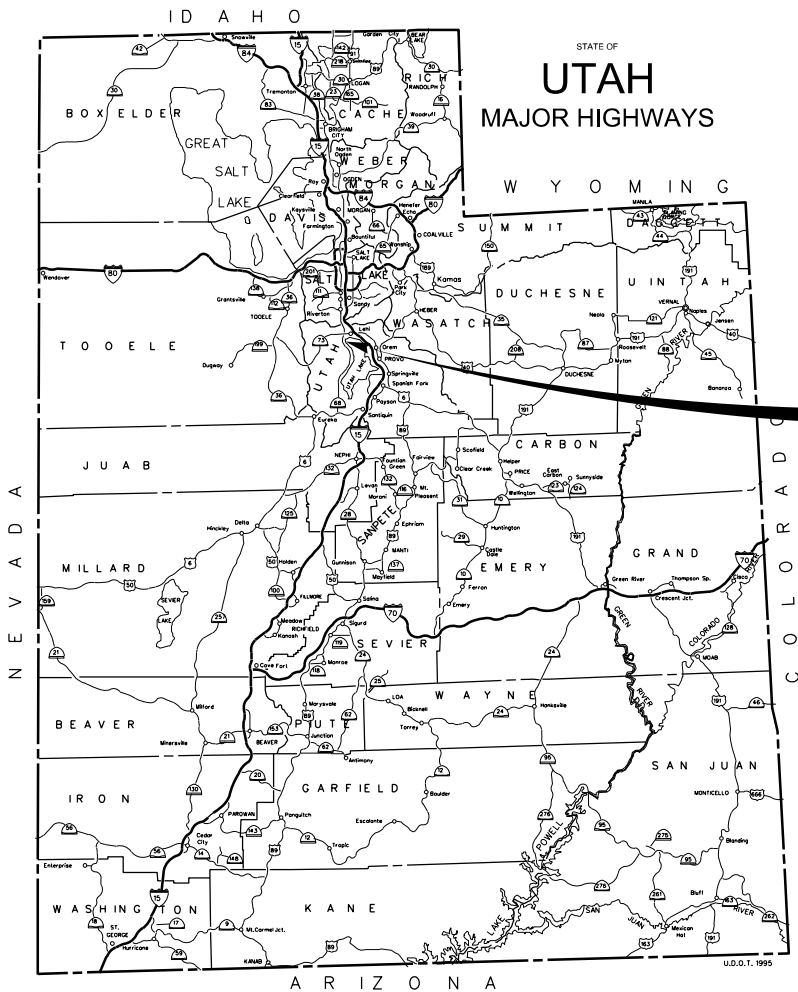
ALL UNITS IN FEET UNLESS
OTHERWISE NOTED

UTAH LAKESHORE TRAIL

AMANDA LANE SEGMENT

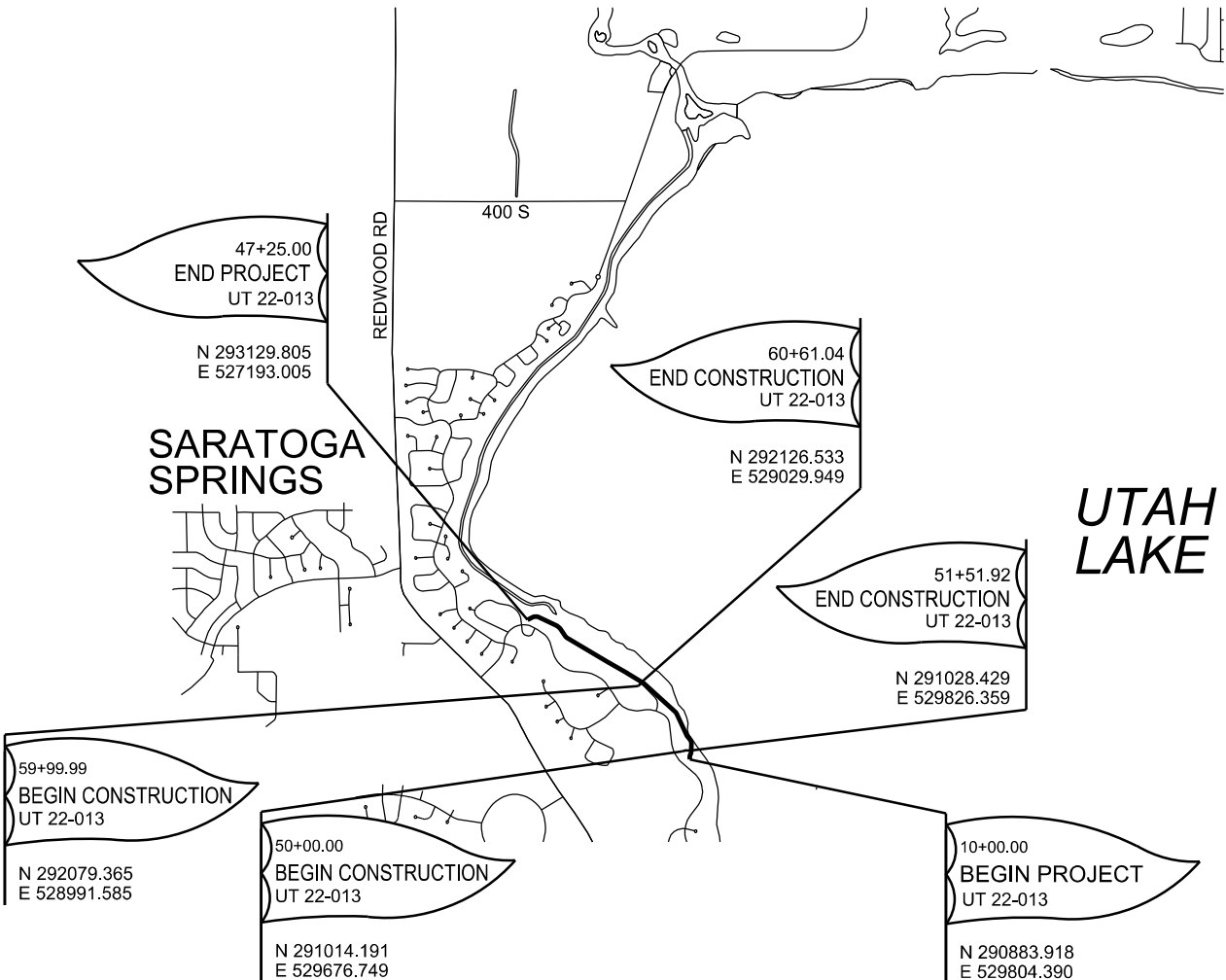
PLANS OF PROPOSED PROJECT

SARATOGA SPRINGS
UTAH COUNTY
LENGTH 0.706 MILES



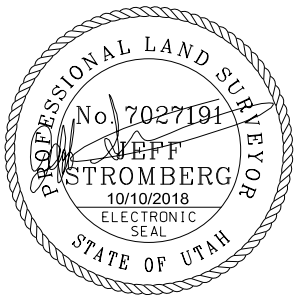
PROJECT LOCATION

UTAH COUNTY



RIGHT OF WAY DRAWINGS

SHEET NUMBER	NUMBER OF SHEETS	DESCRIPTION
1	1	TITLE
SC-01	1	SURVEY CONTROL
RW-01	1	RIGHT OF WAY



THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

VERIFIED FOR SUBMISSION FOR ADVERTISEMENT

Jeff Stromberg
PROFESSIONAL LAND SURVEYOR

10/10/2018

DATE

APPROVED FOR USE

CITY ENGINEER, SARATOGA SPRINGS

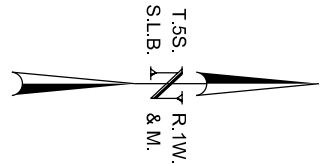
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POINT 1
FOUND SOUTH QUARTER
CORNER OF SECTION 35
BRASS CAP

POINT 3
FOUND SOUTHEAST
CORNER OF SECTION 35
BRASS CAP

POINT 2
FOUND NORTH QUARTER
CORNER OF SECTION 35
BRASS CAP

POINT 4
FOUND REFERENCE CORNER
TO THE NORTHEAST
CORNER OF SECTION 35
BRASS CAP



SURVEY CONTROL NOTES:

1. THE "PROJECT COORDINATES" AND BEARINGS AND DISTANCES DERIVED THEREFROM ARE EXPRESSED IN A LOCAL GROUND SYSTEM DEFINED AS FOLLOWS:

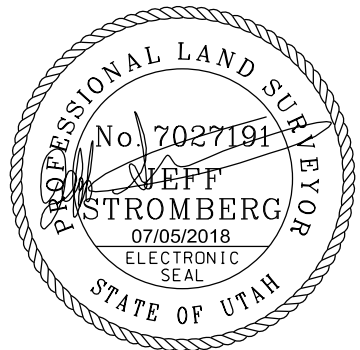
HORIZONTAL DATUM = NORTH AMERICAN DATUM OF 1983 (N.A.D. 83) (2011) Epoch 2010.
VERTICAL DATUM = NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D. 88)
COORDINATE SYSTEM = US STATE PLANE 1983, UTAH CENTRAL ZONE (4302) PROJECTED AT GROUND
GEOID MODEL = GEOID 12B
UNITS = US SURVEY FOOT
FALSE NORTHING = -7000000
FALSE EASTING = -1000000
COMBINED SCALE FACTOR = 1.0002743182
CONVERGENCE ANGLE = -0°15'39.07580"

POINTS WERE SCALED FROM COORDINATE 0,0 IN THE NAD 83 US STATE PLANE UTAH CENTRAL ZONE COORDINATE SYSTEM USING THE COMBINED SCALE FACTOR LISTED ABOVE. THE COMBINED SCALE FACTOR WAS DERIVED FROM A MEAN SCALE FACTOR DERIVED FROM TIE SHEETS OF THE PRIMARY CONTROL POINTS COMBINED WITH THE ELEVATION FACTOR DERIVED FROM A MEAN ELEVATION OF THE PRIMARY CONTROL POINTS.

TO CONVERT TO STATE PLANE COORDINATES USE THE FOLLOWING:
STATE PLANE NORTHING = (PROJECT NORTHING + 7000000)/1.0002743182
STATE PLANE EASTING = (PROJECT EASTING + 1000000)/1.0002743182

2. THE CONTROL SURVEY WAS PERFORMED IN MAY 2018. ALL SURVEY CONTROL COORDINATES WERE ESTABLISHED USING THE UTAH REFERENCE NETWORK GLOBAL POSITIONING SYSTEM (TURN GPS).
3. CONTROL POINT MARKS ARE SUBJECT TO THE EFFECTS OF SURFACE ACTIVITY AND SEASONAL MOVEMENT. MARKS MAY ALSO BE DISTURBED, DAMAGED, OR REMOVED AFTER THE COMPLETION OF THIS SURVEY. CONTROL POINT POSITIONS SHOULD BE FIELD VERIDIED PRIOR TO SUBSEQUENT SURVEY ACTIVITIES.

PRIMARY CONTROL POINTS BASED ON THE UTAH REFERENCE NETWORK GLOBAL POSITIONING SYSTEM (TURN GPS)									
NAME	LATITUDE	LONGITUDE	STATE PLANE NORTHING	STATE PLANE EASTING	PROJECT NORTHING	PROJECT EASTING	ELEVATION	ACCURACY CLASS	DESCRIPTION
1	40°19'58.18933"N	111°54'56.19577"W	7290231.756	1524553.201	292231.599	524971.414	4582.44	2 CMLOCAL H&V	S 1/4 SEC 35 COUNTY TIE# 33-24
2	40°20'50.87724"N	111°54'59.02805"W	7295564.221	1524358.695	297565.527	524776.854	4556.27	2 CMLOCAL H&V	N 1/4 SEC 35 COUNTY TIE# 33-22
3	40°19'58.21675"N	111°54'20.79652"W	7290221.944	1527294.467	292221.785	527713.432	4539.29	2 CMLOCAL H&V	SE SEC 35 COUNTY TIE# 34-24
4	40°20'50.06645"N	111°54'25.98144"W	7295470.398	1526916.843	297471.679	527335.704	4511.13	2 CMLOCAL H&V	RC TO NE COR SEC 35 TIE #34-22 RC



REVISED		NO.		DATE		APPROVED BY		REMARKS	
CITY OF SARATOGA SPRINGS		DRAWN BY		CHECKED BY		DWG			
CONSOR NORTH AMERICA, INC.		JS		QC					
UTAH LAKESHORE TRAIL		UT 22-013		07/05/2018					
AMANDA LANE SEGMENT		PIN		DATE					
SURVEY CONTROL									
PROJECT		PROJECT NUMBER		UTAH		COUNTY		SHEET NO. SC-01	

CURVE S-11
Delta 49°19'42"
R 100.000
T 45.919
L 86.094

47+25.00
END PROJECT
UT 22-013

N 293129.805
E 527193.005

STA 47+25.00, —
22.00 RT

STA 47+25.00, —
20.00 LT

— STA 46+35.25, 22.00 RT

89.76'
S 65°23'00" W

46+00

45+00

44+00

FOUND SOUTHEAST
CORNER OF SECTION 35
N = 292221.785
E = 527713.432

— FOUND SOUTH QUARTER
CORNER OF SECTION 35
N = 292231.599
E = 524971.414

2742.04'
S89°47'42"E

[illegible]

A horizontal scale bar with alternating black and white segments. Above the bar, the numbers 60, 0, and 60 are marked. Below the bar, the text "SCALE IN FEET" is written.

REVISIONS

CITY OF SARATOGA SPRINGS
CONSOR NORTH AMERICA, INC.

APPROVED	11/27/2018	DRAWN BY	JCS
PROFESSIONAL LAND SURVEYOR	DATE	QC CHECKED BY	KP

PROJECT	UTAH LAKESHORE TRAIL	
	AMANDA LANE SEGMENT	
PROJECT NUMBER	UT 22-013	PIN
RIGHT OF WAY		

UTAH
COUNTY

SHEET NO. RW-01

DGN File: P:\West Jordan\2022\Projects\UT 22-013 Saratoga Springs - Utah Lake Shoreline Trail\Right of Way\Amanda Lane Trail\22013.RW-01.dgn