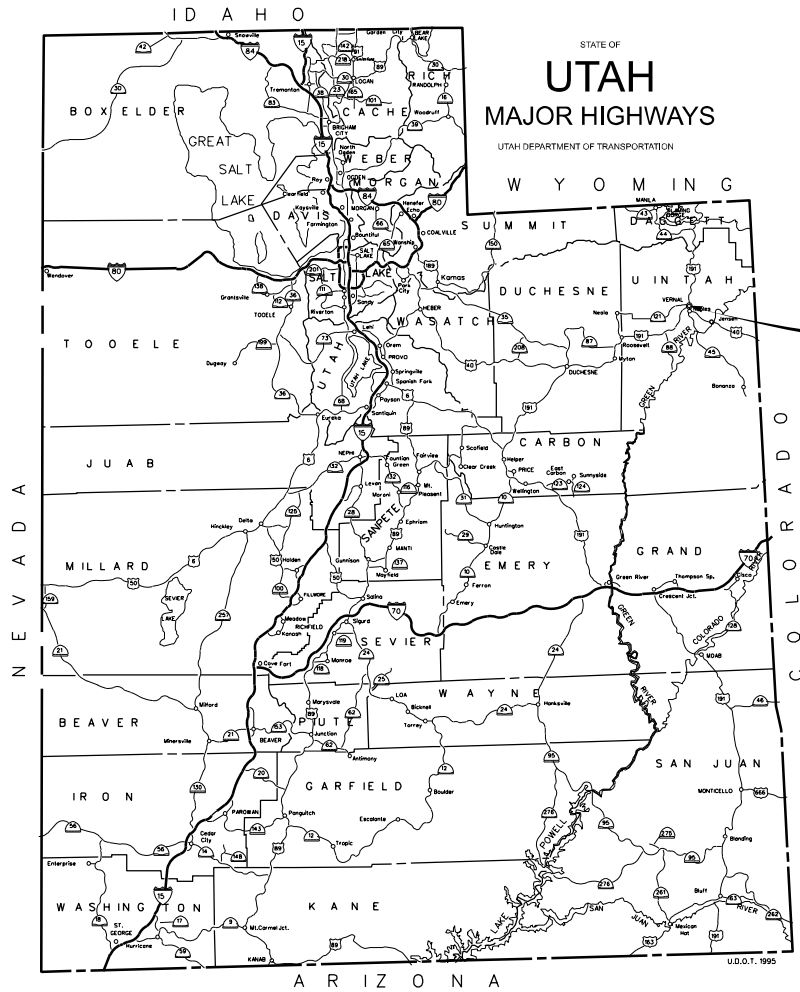


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UTAH

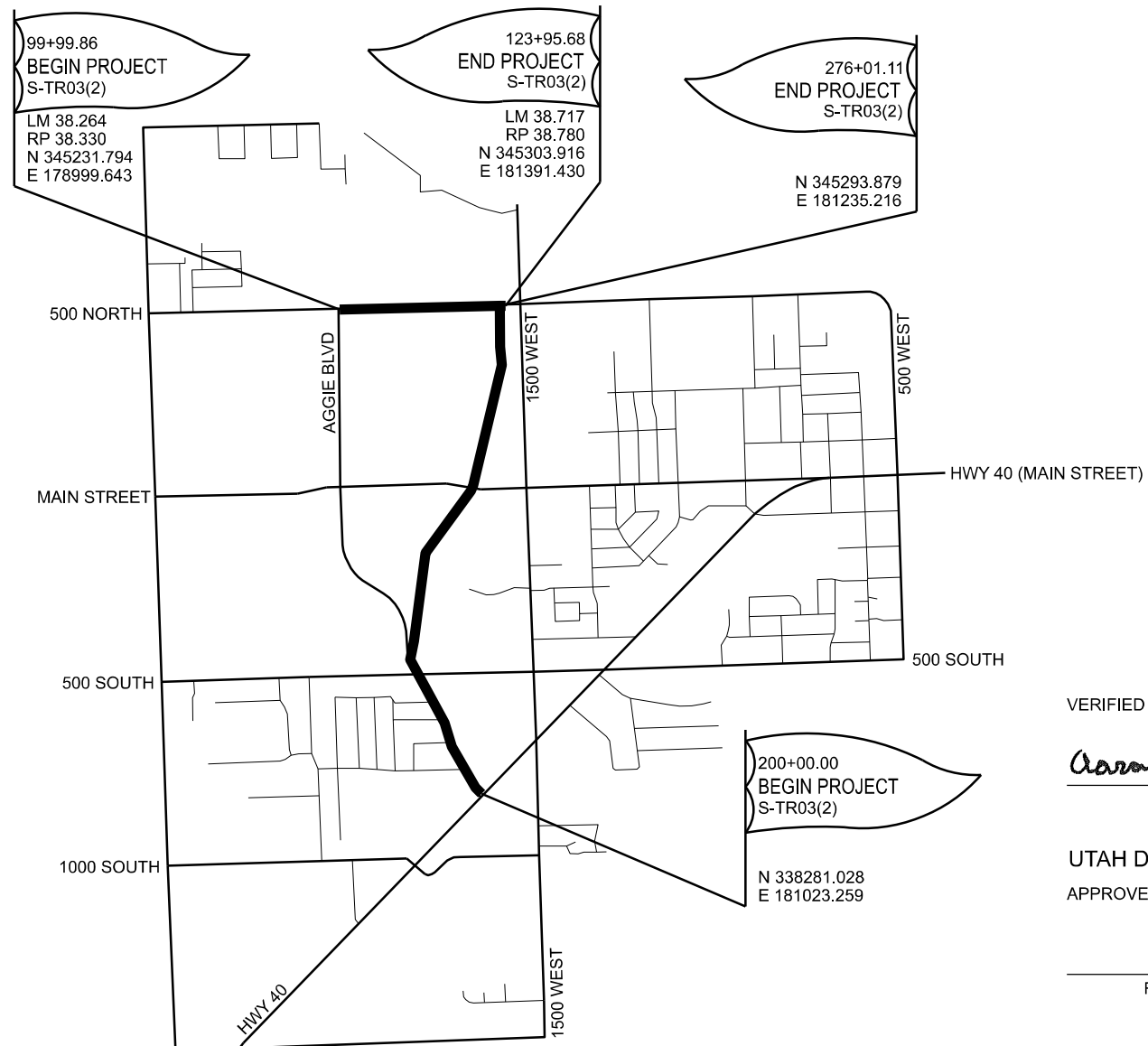
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED TRAIL - NEW FACILITY
STATE FUNDED PROJECT

S-TR03(2) PIN: 21890

UTN: STEINAKER SERVICE CANAL TRAIL - PHASE ONE

UINTAH COUNTY
LENGTH 1.89 MILES



THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

Aaron Averett

VERIFIED FOR SUBMISSION FOR ADVERTISEMENT

Aaron Averett

DESIGN ENGINEER

UTAH DEPARTMENT OF TRANSPORTATION

APPROVED FOR USE BY UDOT

Phillip Peterson

REGION THREE PRECONSTRUCTION ENGINEER

INDEX TO SHEETS		
ROADWAY DRAWINGS		
SHEET NUMBER	NUMBER OF SHEETS	DESCRIPTION
1	1	TITLE SHEET
1-A	1	INDEX TO SHEETS
1-B	1	SIGNATURES
1-C	1	ABBREVIATIONS AND LEGEND
HC-01 TO HC-04	4	HORIZONTAL CONTROL
CR-01	1	CROSS REFERENCE
SC-01	1	SURVEY CONTROL
TS-01 TO TS-04	4	TYPICAL SECTION
DT-01 TO DT-13	13	DETAILS
SM-01 TO SM-07	7	SUMMARY
RD-01 TO RD-14	14	ROADWAY
RP-01 TO RP-14	14	ROADWAY PROFILE
UT-00A TO UT-14	15	UTILITY
ENV-01 TO ENV-14	14	EROSION CONTROL
T1	12	STRUCTURES

PROJECT

PROJECT NUMBER

UTN: STEINAKER SERVICE

CANAL TRAIL - PHASE ONE

S-TR03(2)

INDEX TO SHEETS

21890

PIN

APPROVED



PROFESSIONAL ENGINEER

4/6/2026

DATE

DBW

QC

JDS

DRAWN BY

CHECKED BY

REVISIONS

NO.

DATE

APPROVED BY

REMARKS

SHEET NO.

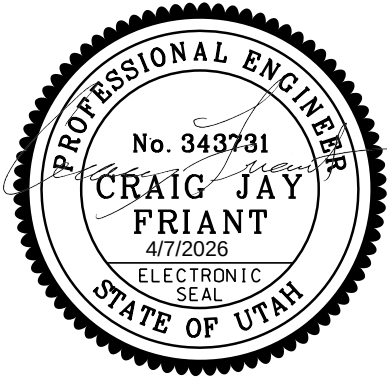
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THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

Aaron Averett



THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

Craig Jay Friant

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CONTAINING THIS SIGNATURE

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING							
S-TR03(2)		PIN 21890		APPROVED		DRAWN BY DBS		NO.		DATE	
SIGNATURES				PROFESSIONAL ENGINEER		QC CHECKED BY		APPROVED BY		REMARKS	
				<i>Aaron Averett</i>		4/6/2026					

6-APR-2026 DDN File: p:\r\ddot\p\w\ben\l\p\com\dot\p\p\01\Documents\UDOT Projects\Region 3 Projects\21890 UTN STEINAKER SERVICE CANAL TRAIL - PHASE ONE\Roadway Design\21890-1-C_Sunrise.dgn

LINE STYLES

SURFACE FEATURE LINE STYLES

	CUT	CUT CATCH LINE
	FILL	FILL CATCH LINE
		EX. BUILDING
		EX. FENCE, CHAIN LINK
		EX. FENCE, WIRE
		EX. FENCE, WOOD
		EX. FLOW LINE
		EX. SIDEWALK
		EX. CURB & GUTTER
		EX. DITCH
		SILT FENCE
		SIDEWALK
		CURB & GUTTER

RIGHT OF WAY LINE STYLES

	SEC	SECTION LINE
	1/4	QUARTER SECTION LINE
	40	40 ACRE LINE
		CITY BOUNDARY LINE
	R	PROPERTY LINE
	n/a	HWY NO-ACCESS LINE
	r/w n/a	HWY R/W & NO-ACCESS LINE
	l/a	HWY LIMITED-ACCESS LINE
	R/W	NEW R/W LINE
	r/w	EX. R/W LINE

SUBSURFACE/OVERHEAD LINE STYLES

	pc	EX. PIPE CULVERT
	be	EX. ELECTRIC BURIED
	e	EX. ELECTRIC OVERHEAD
	bfo	EX. BURIED FIBER OPTICS
	wtr	EX. WATER
		PROP FIBER ROLL BARRIER (OR APPROVED EQUIVALENT)
	PC	PROP. PIPE CULVERT

SYMBOLS

	STORM DRAIN CATCH BASIN
	JUNCTION BOX
	EX. FIRE HYDRANT
	EX. POWER POLE
	EX. WATER VALVE
	EX. WATER METER
	EX. CABLE TV
	MANHOLE ELECTRIC
	MANHOLE GAS
	MANHOLE TELEPHONE
	MANHOLE STORM DRAIN
	MANHOLE SANITARY SEWER
	MANHOLE WATER
	MONUMENT
	PARCEL BALLOON
	RIGHT OF WAY MARKER
	SIGN (SINGLE POST)
	EX. STORM DRAIN
	TREE GRATE
	TREE
	FESTOON LIGHTING POLE
	DECORATIVE STREET LIGHT POLE
	SHALLOW CATCH BASIN - CB3
	GUTTER - INLET BARRIER

NOTE:
THE LINE STYLES AND SYMBOLS CONTAINED HEREIN ARE NOT ALL INCLUSIVE. ANY ADDITIONAL LINE STYLES NOT SHOWN HERE ARE SHOWN ON THEIR RESPECTIVE SHEETS WITHIN A LEGEND.

UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING		REVISED		REVISIONS		APPROVED		APPROVED BY		REMARKS	
		DRAWN BY		QC		DATE		NO.		DATE	
UTN: STEINAKER SERVICE		CANAL TRAIL - PHASE ONE		S-TR03(2)		21890		4/6/2026		DATE	
PROJECT		PROJECT NUMBER		ABBREVIATIONS AND LEGEND		PROFESSIONAL ENGINEER		DATE		REMARKS	
SHEET NO.		1-C									

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99+99.86
BEGIN PROJECT
S-TR03(2)
LM 38.264
RP 38.330
N 345231.794
E 178999.643

MATCH LINE 113+00.00

100+00

115+00

105+00

120+00

110+00

CURVE DATA TABLE								
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
C1	500 N TRAIL	06°08'25"	100.00	10.72	5.36	101+49.72	345235.262	179149.462
C2	500 N TRAIL	06°07'37"	100.00	10.69	5.35	102+05.03	345242.452	179204.322
C3	500 N TRAIL	06°09'52"	100.00	10.76	5.38	102+44.53	345243.375	179243.819
C4	500 N TRAIL	06°07'57"	100.00	10.70	5.36	102+99.83	345238.724	179298.926
C5	500 N TRAIL	07°45'18"	50.00	6.77	3.39	104+86.07	345242.973	179485.128
C6	500 N TRAIL	07°47'25"	50.00	6.80	3.40	105+01.79	345245.453	179500.672
C7	500 N TRAIL	09°35'23"	100.00	16.74	8.39	107+41.09	345250.766	179739.917
C8	500 N TRAIL	09°40'57"	100.00	16.90	8.47	107+97.85	345242.550	179796.119
C9	500 N TRAIL	08°05'01"	100.00	14.11	7.07	120+86.68	345273.250	181084.631
C10	500 N TRAIL	08°05'46"	100.00	14.13	7.08	122+07.86	345293.147	181204.191
C11	500 N TRAIL	07°56'19"	100.00	13.86	6.94	123+40.51	345296.278	181336.819
C12	500 N TRAIL	07°55'10"	100.00	13.82	6.92	123+86.42	345303.694	181382.154



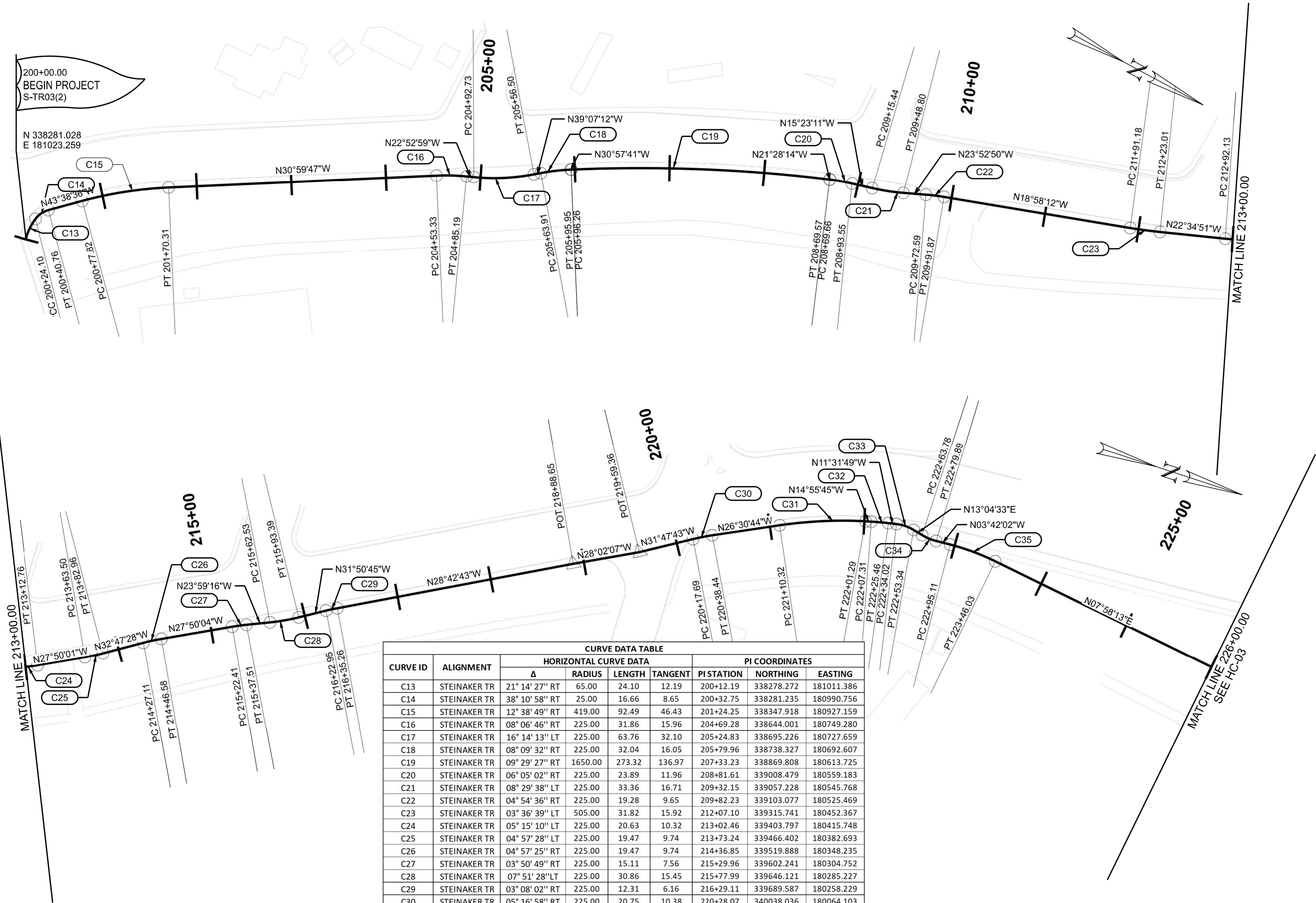
SHEET NO. HC-01

PROJECT
PROJECT NUMBER
UTN: STEINAKER SERVICE
CANAL TRAIL - PHASE ONE
S-TR03(2)
21890
HORIZONTAL CONTROL

UTAH DEPARTMENT OF TRANSPORTATION
SUNRISE ENGINEERING
APPROVED
PROFESSIONAL ENGINEER
DATE
APRIL 6, 2026
DRAWN BY
QC
CHECKED BY
RMP

REVISIONS
NO. DATE APPROVED BY
REMARKS

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CURVE DATA TABLE								
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
C13	STEINAKER TR	21° 14' 27" RT	65.00	24.10	12.19	200+12.19	338278.272	181011.386
C14	STEINAKER TR	38° 10' 58" RT	25.00	16.66	8.65	200+32.75	338281.235	180990.756
C15	STEINAKER TR	12° 38' 49" RT	419.00	92.49	46.43	201+24.25	338347.918	180927.159
C16	STEINAKER TR	08° 06' 46" RT	225.00	31.86	15.96	204+69.28	338644.001	180749.280
C17	STEINAKER TR	16° 14' 13" LT	225.00	63.76	32.10	205+24.83	338695.226	180727.659
C18	STEINAKER TR	08° 09' 32" RT	225.00	32.04	16.05	205+79.96	338738.327	180692.607
C19	STEINAKER TR	09° 29' 27" RT	1650.00	273.32	136.97	207+33.23	338869.808	180613.725
C20	STEINAKER TR	06° 05' 02" RT	225.00	23.89	11.96	208+81.61	339008.479	180559.183
C21	STEINAKER TR	08° 29' 38" LT	225.00	33.36	16.71	209+32.15	339057.228	180545.768
C22	STEINAKER TR	04° 54' 36" RT	225.00	19.28	9.65	209+82.23	339103.077	180525.469
C23	STEINAKER TR	03° 36' 39" LT	505.00	31.82	15.92	212+07.10	339315.741	180452.367
C24	STEINAKER TR	05° 15' 10" LT	225.00	20.63	10.32	213+02.46	339403.797	180415.748
C25	STEINAKER TR	04° 57' 28" LT	225.00	19.47	9.74	213+73.24	339466.402	180382.693
C26	STEINAKER TR	04° 57' 25" RT	225.00	19.47	9.74	214+36.85	339519.888	180348.235
C27	STEINAKER TR	03° 50' 49" RT	225.00	15.11	7.56	215+29.96	339602.241	180304.752
C28	STEINAKER TR	07° 51' 28" LT	225.00	30.86	15.45	215+77.99	339646.121	180285.227
C29	STEINAKER TR	03° 08' 02" RT	225.00	12.31	6.16	216+29.11	339689.587	180258.229
C30	STEINAKER TR	05° 16' 58" RT	225.00	20.75	10.38	220+28.07	340038.036	180064.103
C31	STEINAKER TR	11° 34' 58" RT	450.00	90.97	45.64	221+55.96	340152.488	180007.008
C32	STEINAKER TR	03° 23' 56" RT	306.00	18.15	9.08	222+16.39	340211.178	179991.360
C33	STEINAKER TR	24° 36' 21" RT	45.00	19.33	9.81	222+43.83	340238.071	179985.874
C34	STEINAKER TR	16° 46' 33" LT	55.00	16.10	8.11	222+71.90	340265.702	179992.291
C35	STEINAKER TR	11° 40' 15" RT	250.00	50.92	25.55	223+20.66	340314.482	179989.137

UTAH DEPARTMENT OF TRANSPORTATION

UTN: STEINAKER SERVICE

CANAL TRAIL - PHASE ONE

S-TR03(2)

HORIZONTAL CONTROL

PROJECT

PROJECT NUMBER

APPROVED

21890

4/6/2026

PROFESSIONAL ENGINEER

DRAWN BY

QC

AW

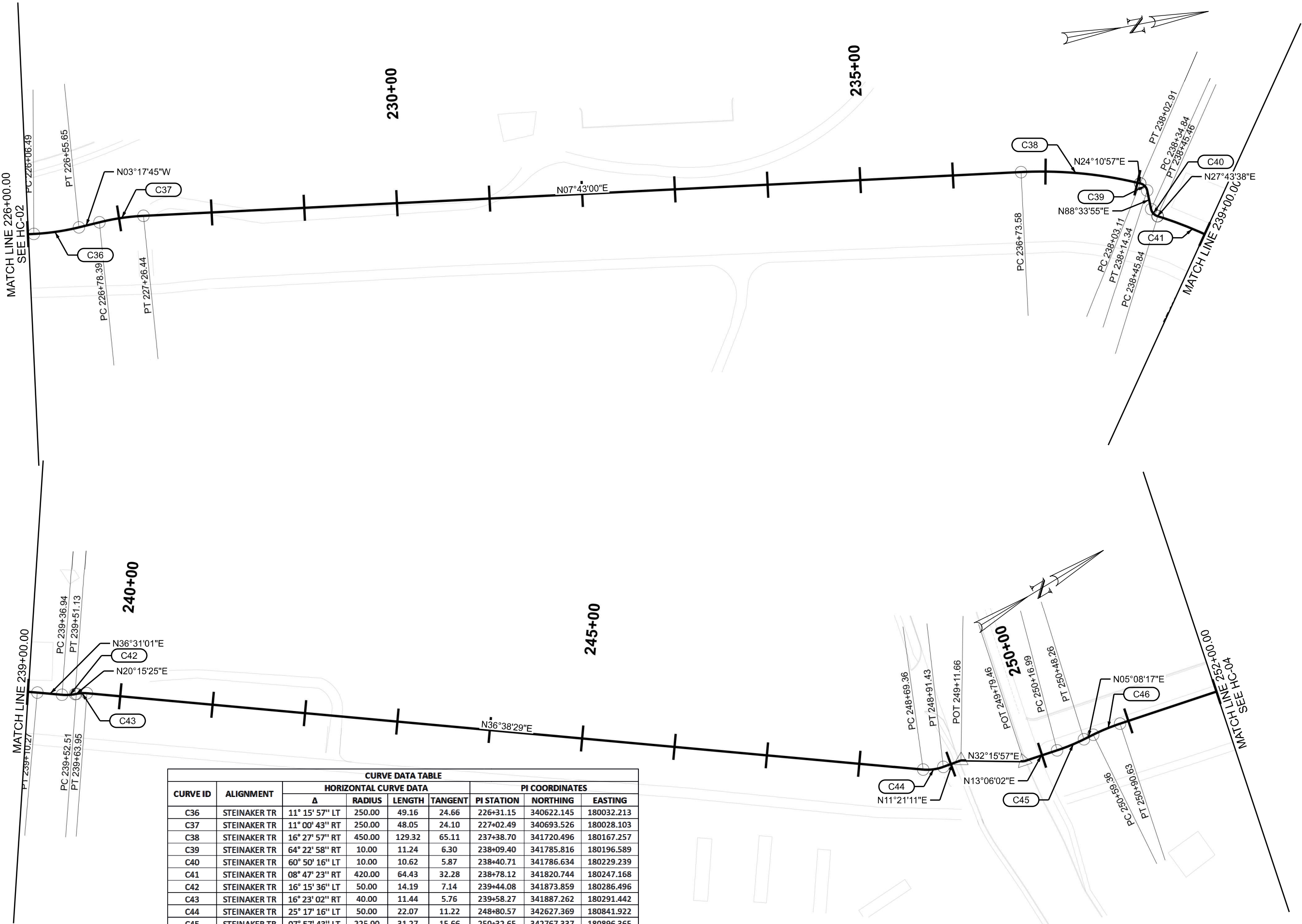
CHECKED BY

JDS

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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CURVE DATA TABLE								
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
C36	STEINAKER TR	11° 15' 57" LT	250.00	49.16	24.66	226+31.15	340622.145	180032.213
C37	STEINAKER TR	11° 00' 43" RT	250.00	48.05	24.10	227+02.49	340693.526	180028.103
C38	STEINAKER TR	16° 27' 57" RT	450.00	129.32	65.11	237+38.70	341720.496	180167.257
C39	STEINAKER TR	64° 22' 58" RT	10.00	11.24	6.30	238+09.40	341785.816	180196.589
C40	STEINAKER TR	60° 50' 16" LT	10.00	10.62	5.87	238+40.71	341786.634	180229.239
C41	STEINAKER TR	08° 47' 23" RT	420.00	64.43	32.28	238+78.12	341820.744	180247.168
C42	STEINAKER TR	16° 15' 36" LT	50.00	14.19	7.14	239+44.08	341873.859	180286.496
C43	STEINAKER TR	16° 23' 02" RT	40.00	11.44	5.76	239+58.27	341887.262	180291.442
C44	STEINAKER TR	25° 17' 16" LT	50.00	22.07	11.22	248+80.57	342627.369	180841.922
C45	STEINAKER TR	07° 57' 43" LT	225.00	31.27	15.66	250+32.65	342767.337	180896.365
C46	STEINAKER TR	07° 57' 43" RT	225.00	31.27	15.66	250+75.02	342809.591	180900.164

UTAH DEPARTMENT OF TRANSPORTATION

UTN: STEINAKER SERVICE

CANAL TRAIL - PHASE ONE

S-TR03(2)

HORIZONTAL CONTROL

PROJECT

PROJECT NUMBER

APPROVED

PROFESSIONAL ENGINEER

DRAWN BY

QC

CHECKED BY

AW

4/6/2026

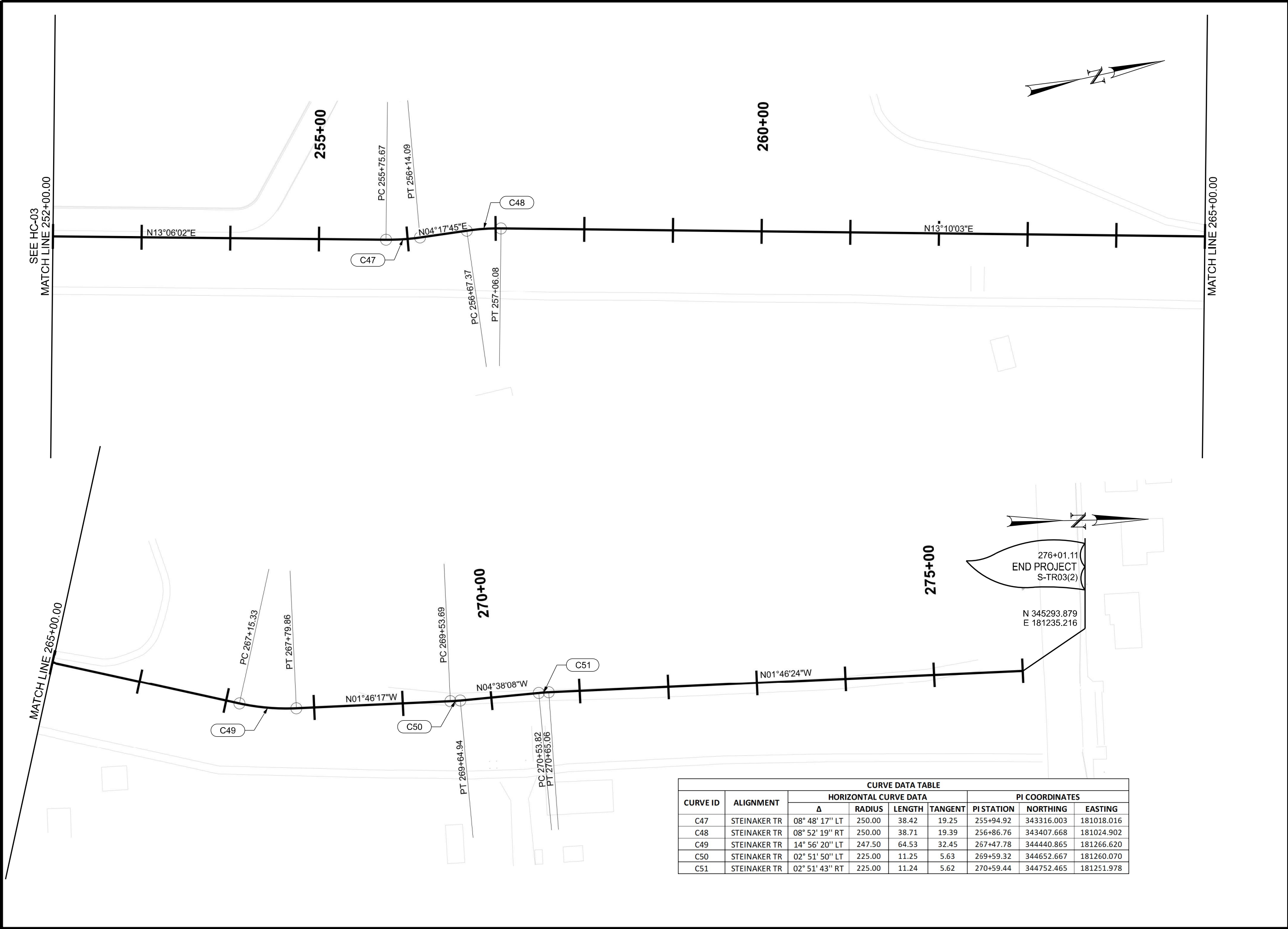
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REVISIONS

NO.	DATE	APPROVED BY	REMARKS

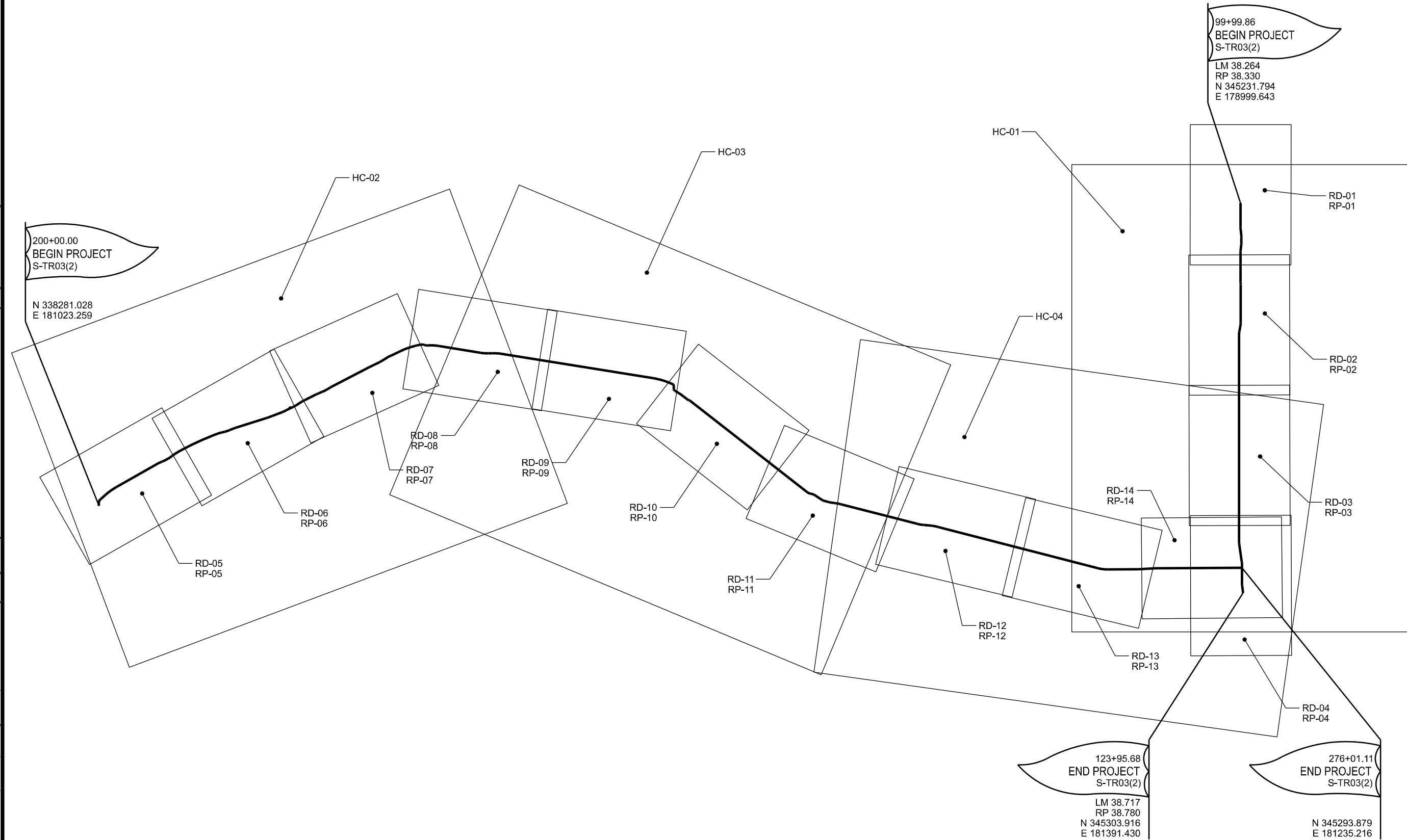
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CURVE DATA TABLE								
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
C47	STEINAKER TR	08° 48' 17" LT	250.00	38.42	19.25	255+94.92	343316.003	181018.016
C48	STEINAKER TR	08° 52' 19" RT	250.00	38.71	19.39	256+86.76	343407.668	181024.902
C49	STEINAKER TR	14° 56' 20" LT	247.50	64.53	32.45	267+47.78	344440.865	181266.620
C50	STEINAKER TR	02° 51' 50" LT	225.00	11.25	5.63	269+59.32	344652.667	181260.070
C51	STEINAKER TR	02° 51' 43" RT	225.00	11.24	5.62	270+59.44	344752.465	181251.978

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		S-TR03(2)			
		PIN		21890			
		HORIZONTAL CONTROL		APPROVED			
				PROFESSIONAL ENGINEER		DATE	
				4/6/2026			
				QC		DRAWN BY	
				AW			
				NO.		DATE	
				APPROVED BY		REMARKS	

[illegible]

103+05.17	104+82.68	4 T
104+82.68	105+05.19	
105+05.19	107+31.51	

500 N TRAIL
99+99.86 TO 102+10.53
DESIGN SPEED 20 MPH



500 N TRAIL

102+10.53 TO 102+50.31
DESIGN SPEED 20 MPH



500 N TRAIL

102+50.31 TO 105+05.19
DESIGN SPEED 20 MPH



500 N TRAIL

105+05.19 TO 107+31.51
DESIGN SPEED 20 MPH



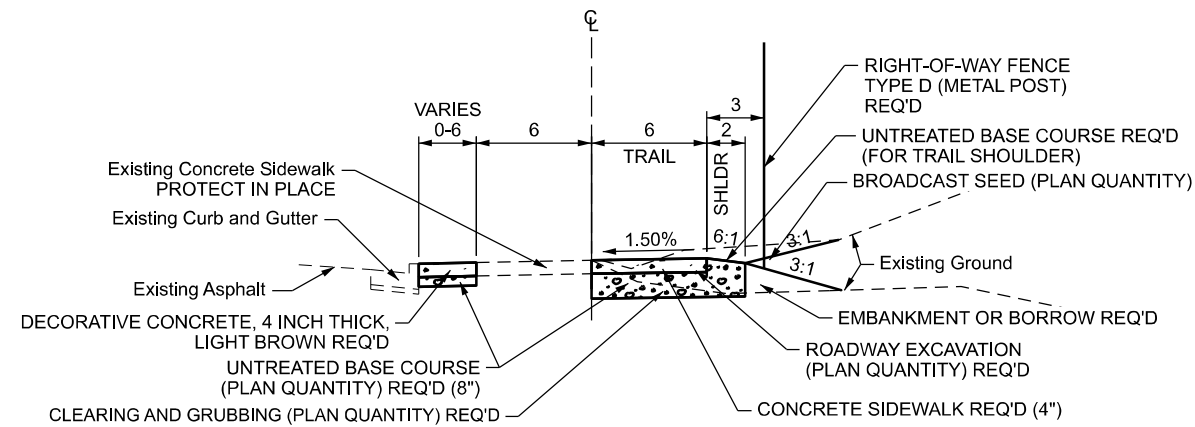
500 N TRAIL

107+31.51 TO 122+65.50
123+27.50 TO 123+95.68
DESIGN SPEED 20 MPH

Negative slope denotes trail slopes towards roadway

UTAH DEPARTMENT OF TRANSPORTATION		SUNRISE ENGINEERING	
APPROVED		DRAWN BY	DRS
PROFESSIONAL ENGINEER		QC CHECKED BY	RMP
		DATE	APRIL 6, 2026

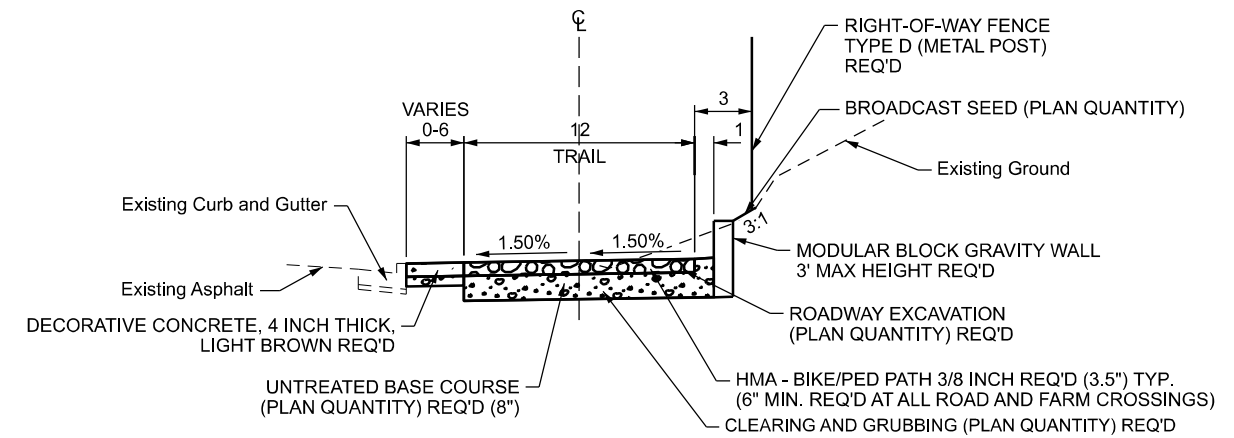
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TYPICAL SECTION 6

TRAIL

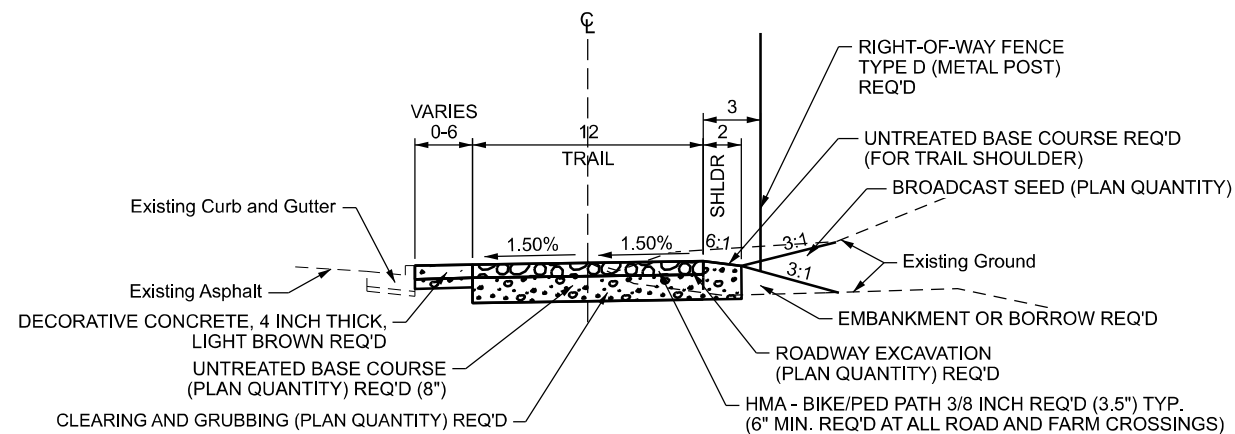
200+00.00 TO 200+27.85
220+28.00 TO 224+00.00
DESIGN SPEED 20 MPH



TYPICAL SECTION 8

TRAIL

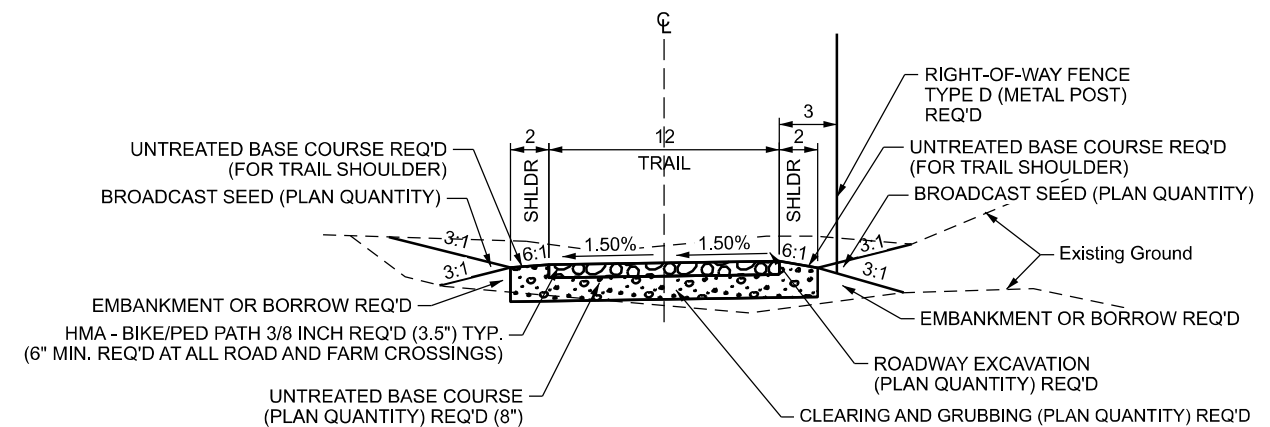
214+00.00 TO 219+00.00
DESIGN SPEED 20 MPH



TYPICAL SECTION 7

TRAIL

200+27.85 TO 214+00.00
DESIGN SPEED 20 MPH



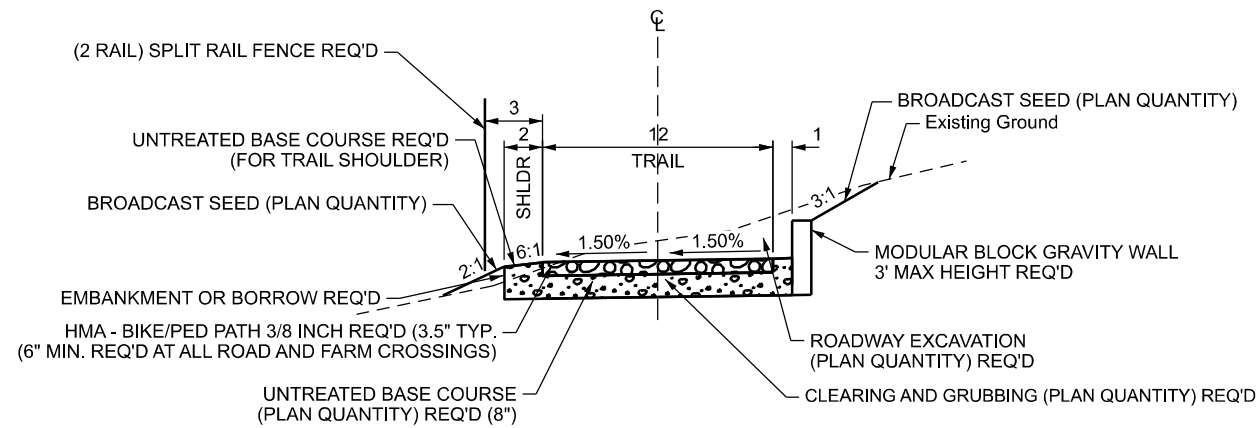
TYPICAL SECTION 9

TRAIL

224+00.00 TO 224+40.00
226+30.00 TO 238+80.00
254+23.00 TO 256+00.00
DESIGN SPEED 20 MPH

SHEET NO. _____ PROJECT _____ UTAH STEELMAKING SERVICE CANAL TRAIL - PHASE ONE S-TR03(2) PIN 21890 TYPICAL SECTION		APPROVED _____ PROFESSIONAL ENGINEER 4/6/2026 DATE DRAWN BY DBW QC CHECKED BY JDS	
UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING		NO. _____ DATE _____ APPROVED BY _____ REMARKS _____	

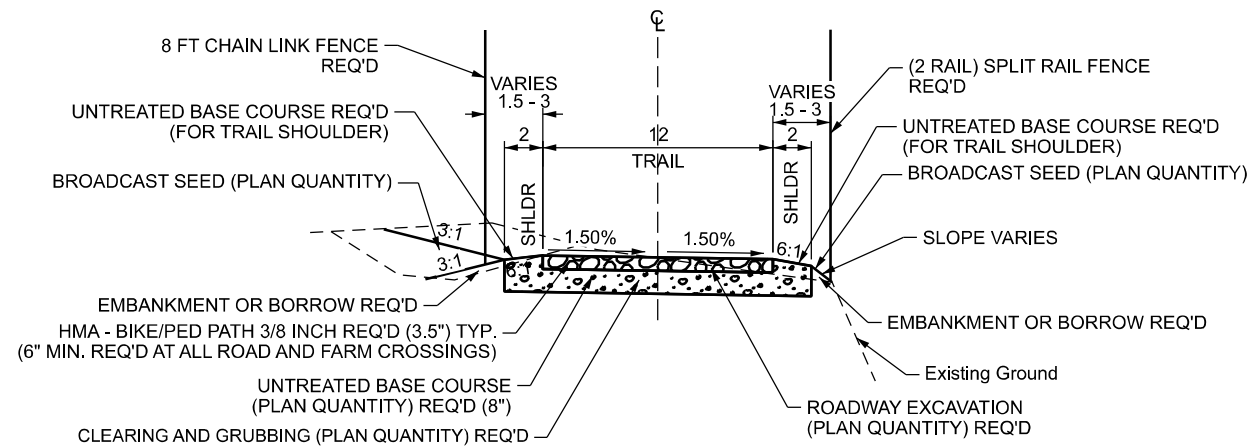
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TYPICAL SECTION 10

TRAIL

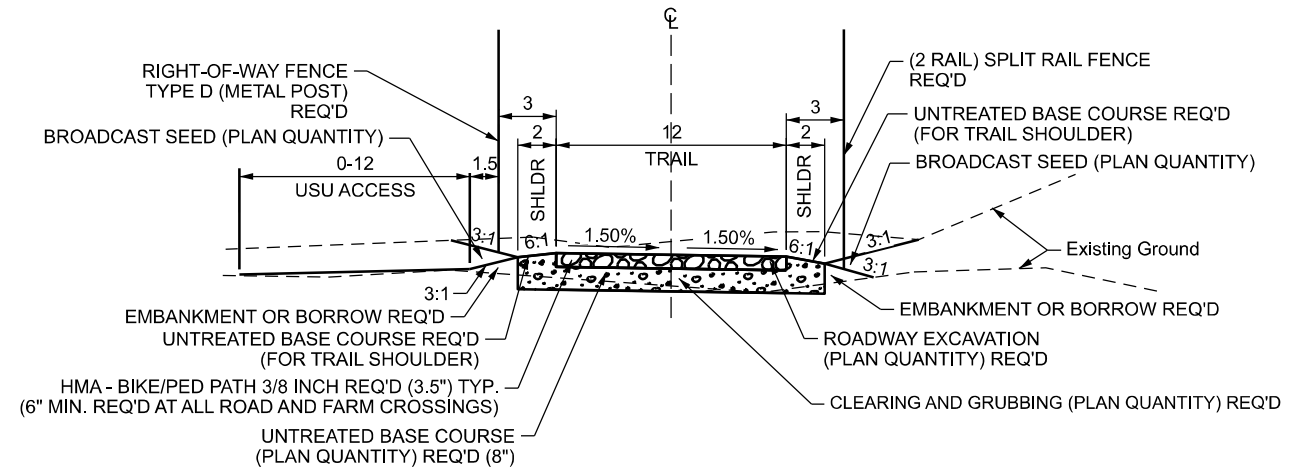
224+40.00 TO 226+30.00
DESIGN SPEED 20 MPH



TYPICAL SECTION 11

TRAIL

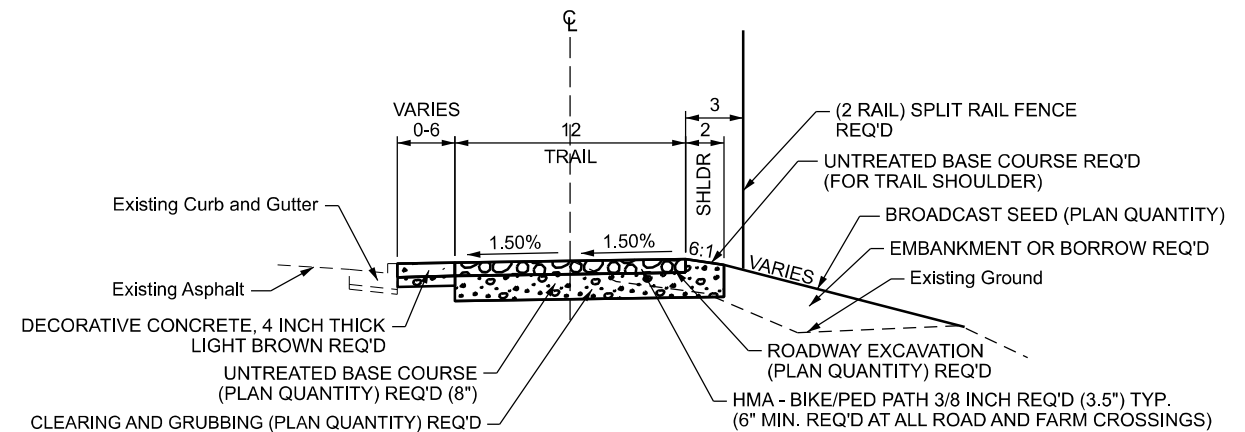
238+80.00 TO 242+25.35
DESIGN SPEED 20 MPH



TYPICAL SECTION 12

TRAIL

242+25.35 TO 249+95.00
256+50.00 TO 275+95.11
DESIGN SPEED 20 MPH



TYPICAL SECTION 13

TRAIL

249+95.00 TO 254+23.00
DESIGN SPEED 20 MPH

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
SUNRISE ENGINEERING

UTN: STEINAKER SERVICE
CANAL TRAIL - PHASE ONE

PROJECT
NUMBER

DRAWN BY

QC

CHECKED BY

4/6/2026

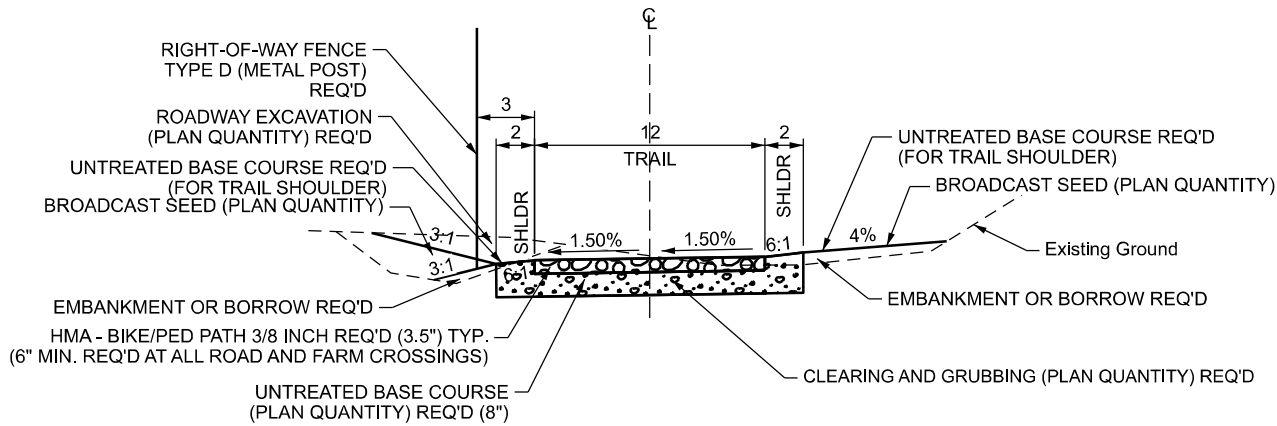
DATE

PROFESSIONAL ENGINEER

TYPICAL SECTION

SHEET NO. TS-03

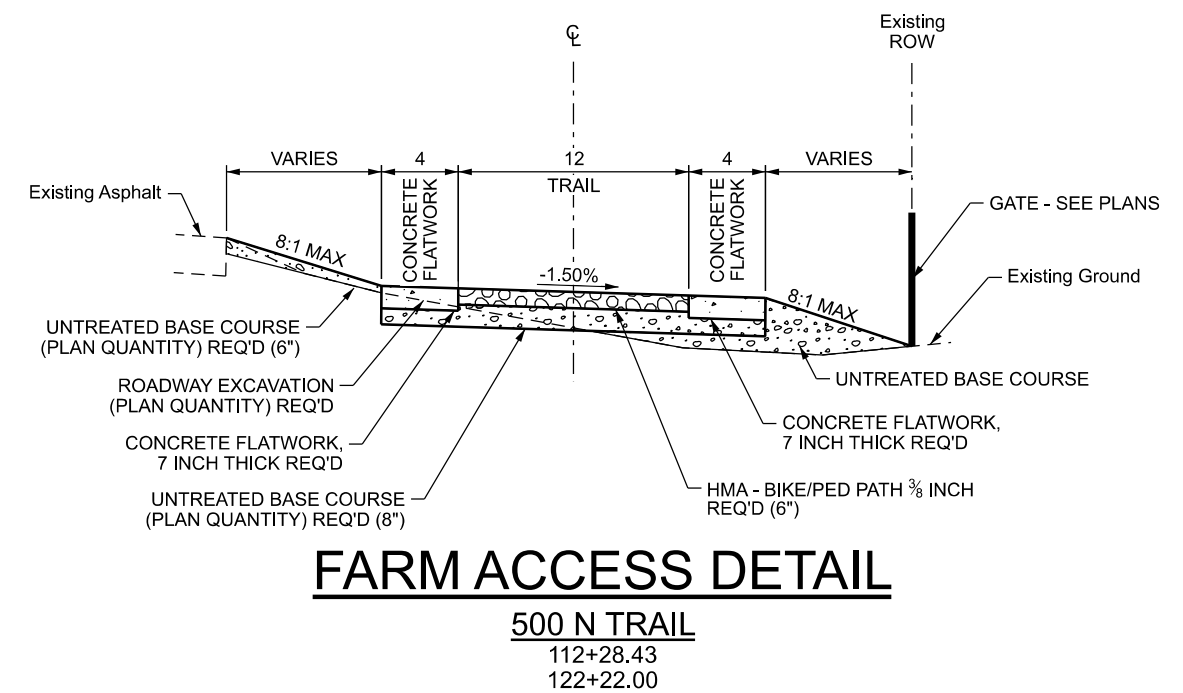
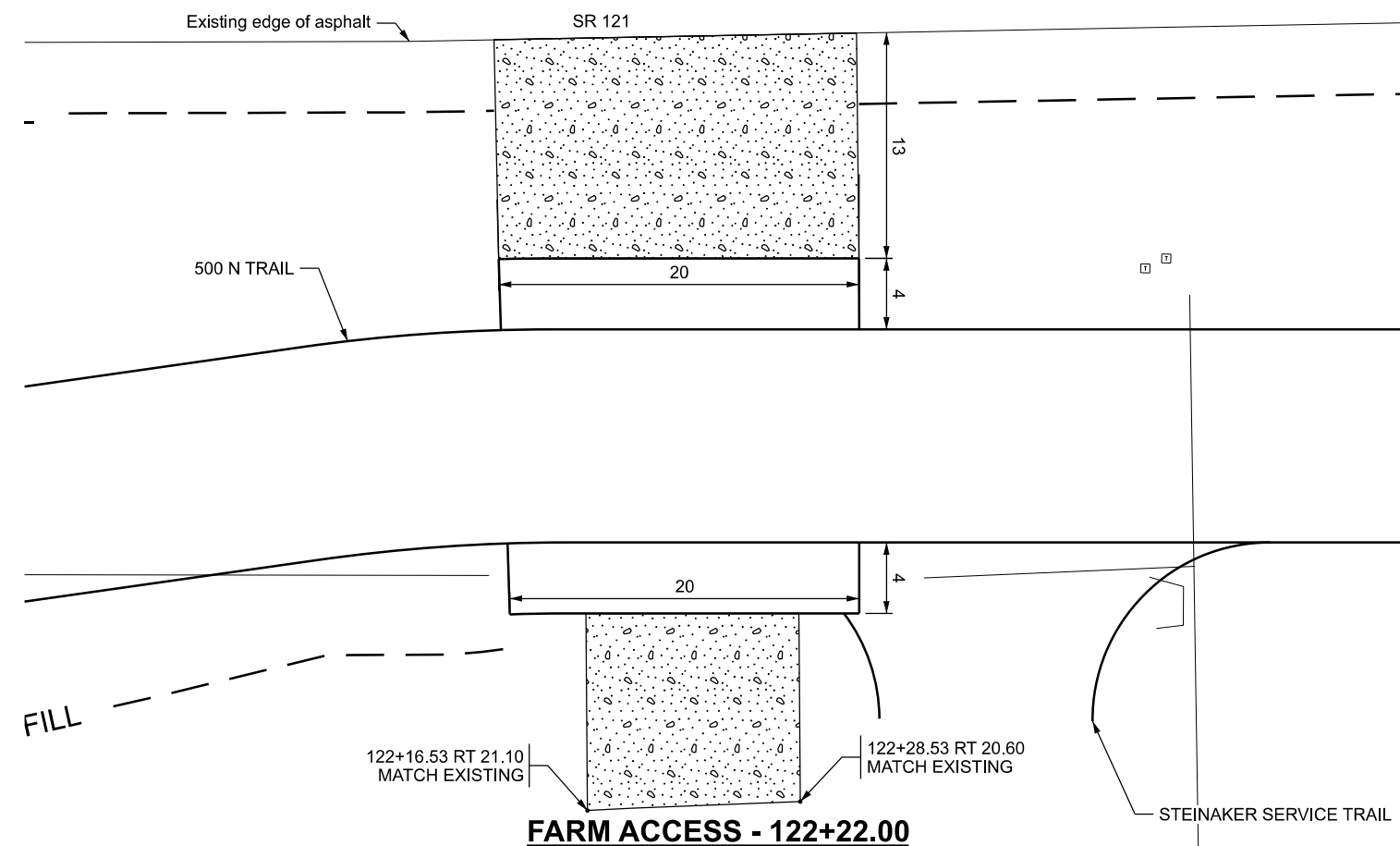
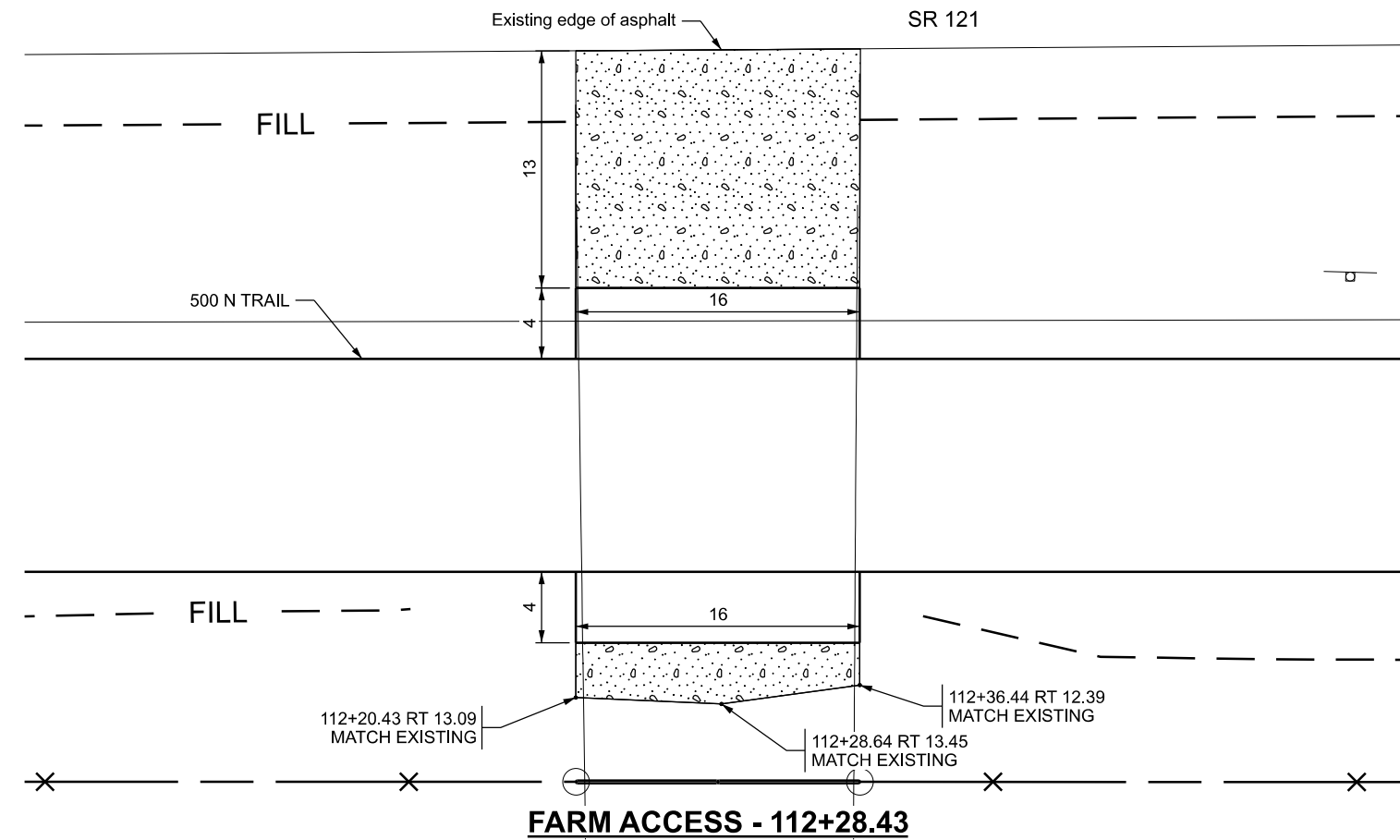
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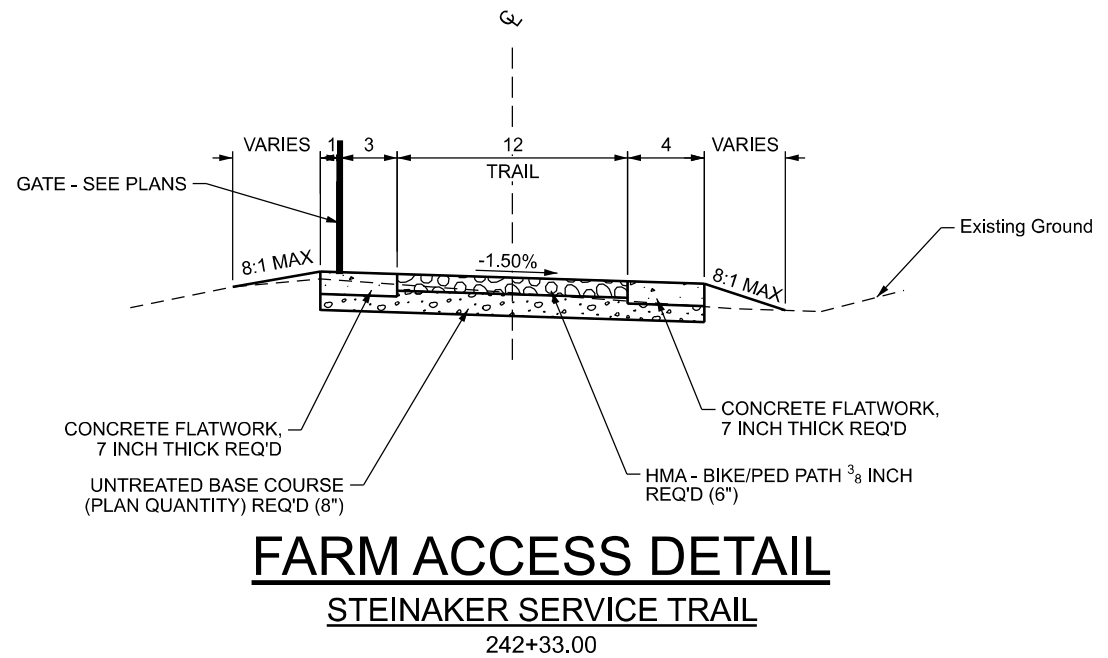
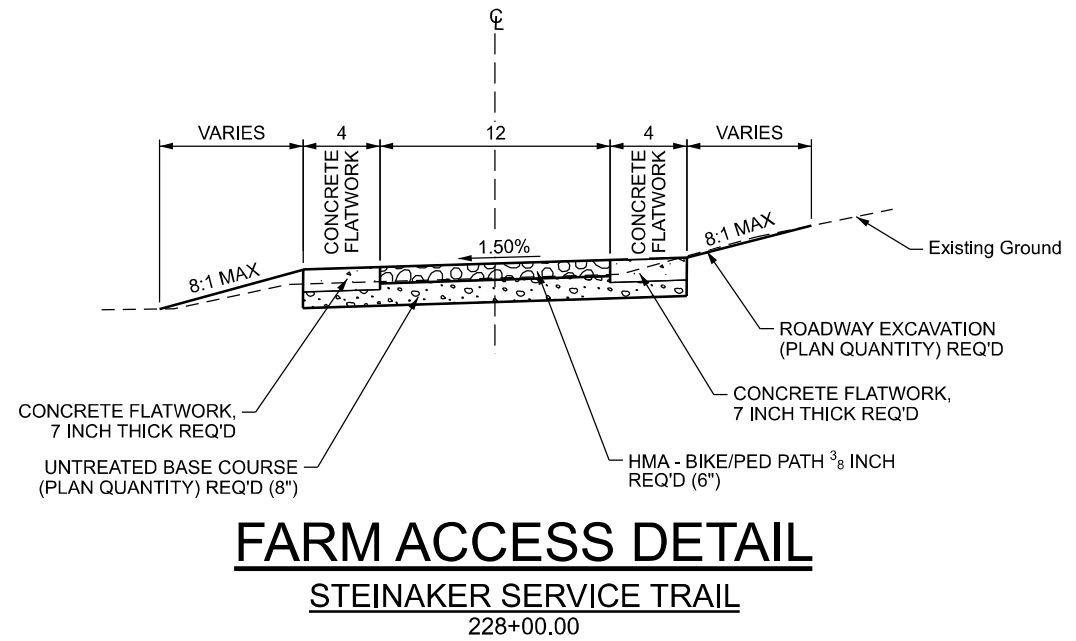
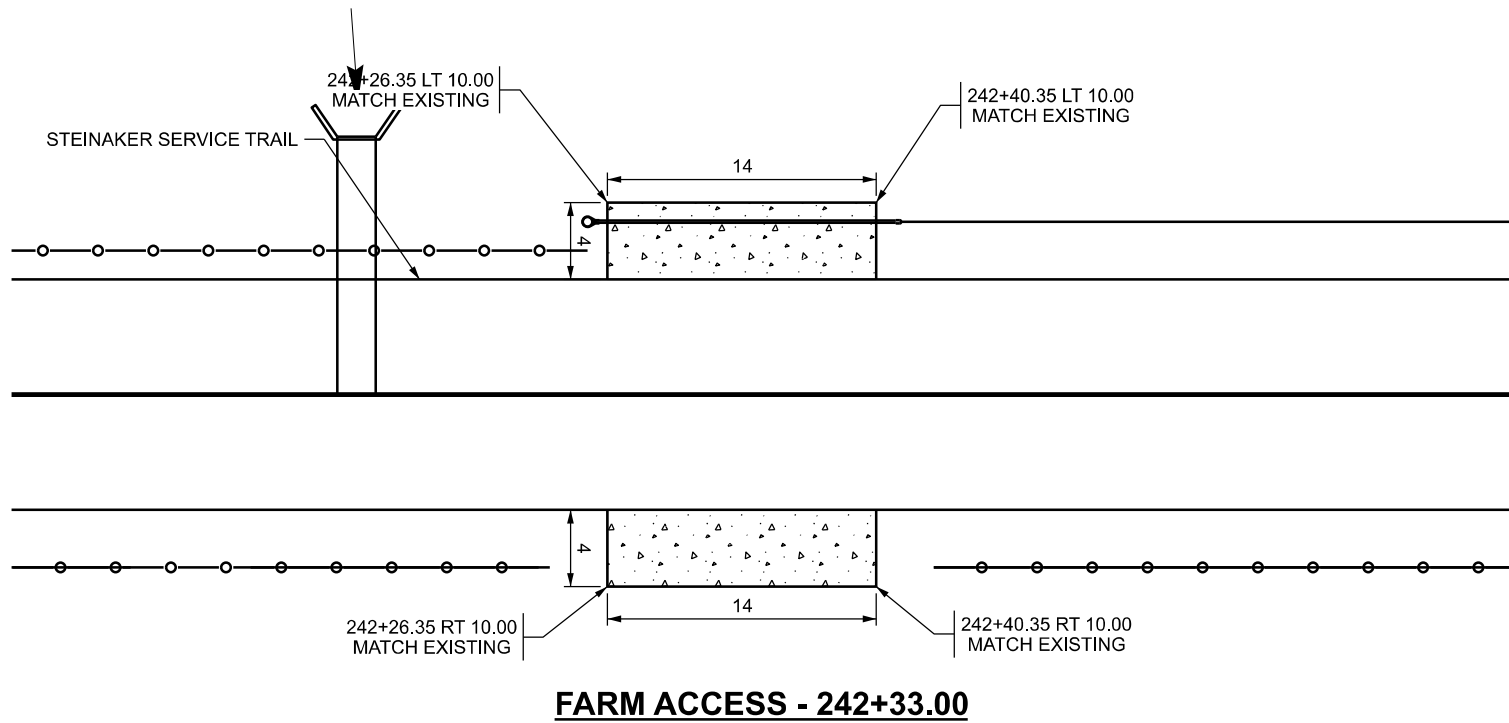
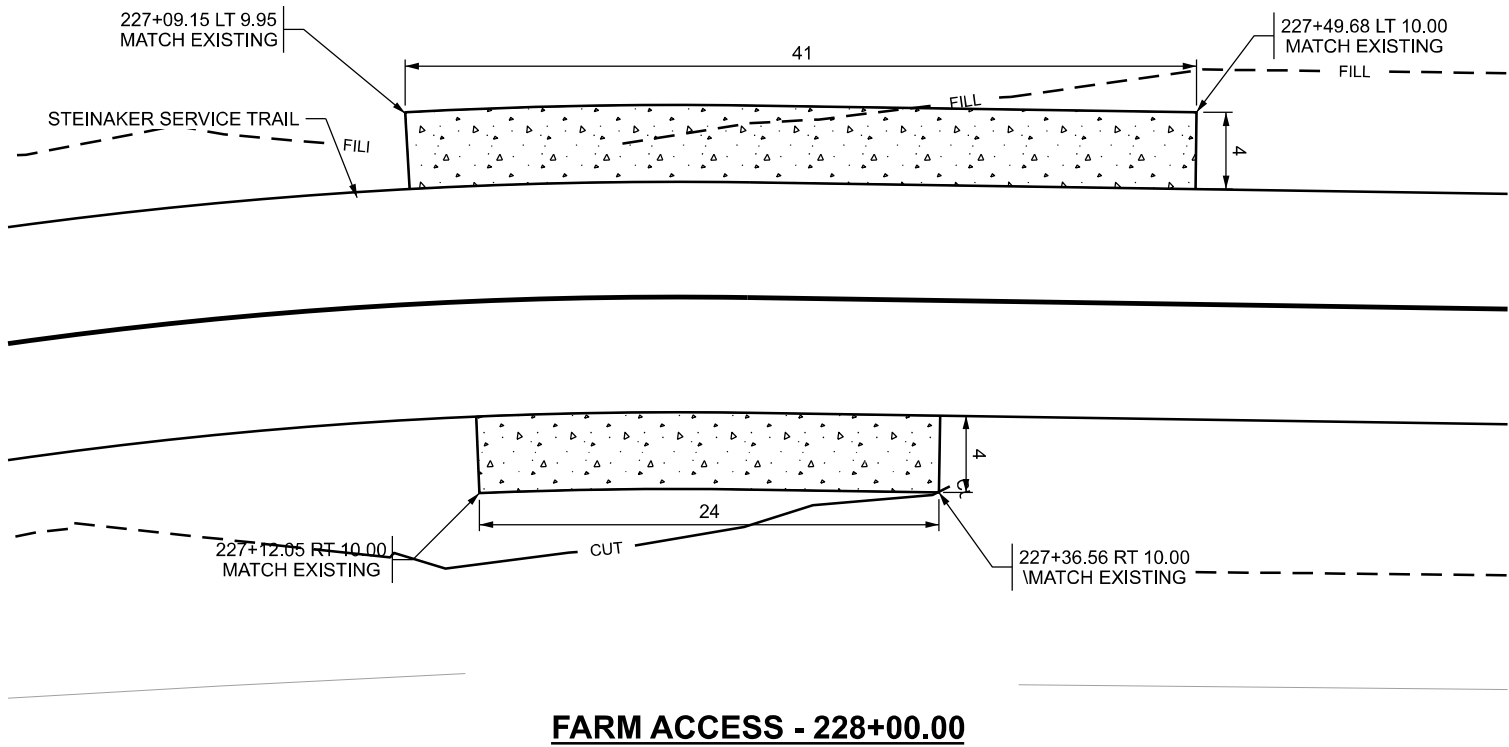
TYPICAL SECTION 14

TRAIL
256+00.00 TO 256+50.00
DESIGN SPEED 20 MPH

SHEET NO.		TS-04		TYPICAL SECTION		PROJECT NUMBER		PROJECT		UTN: STEINAKER SERVICE		CANAL TRAIL - PHASE ONE		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		QC CHECKED BY		DATE		PROFESSIONAL ENGINEER		4/6/2026		DATE		APPROVED BY		NO.		DATE		REMARKS		REVISIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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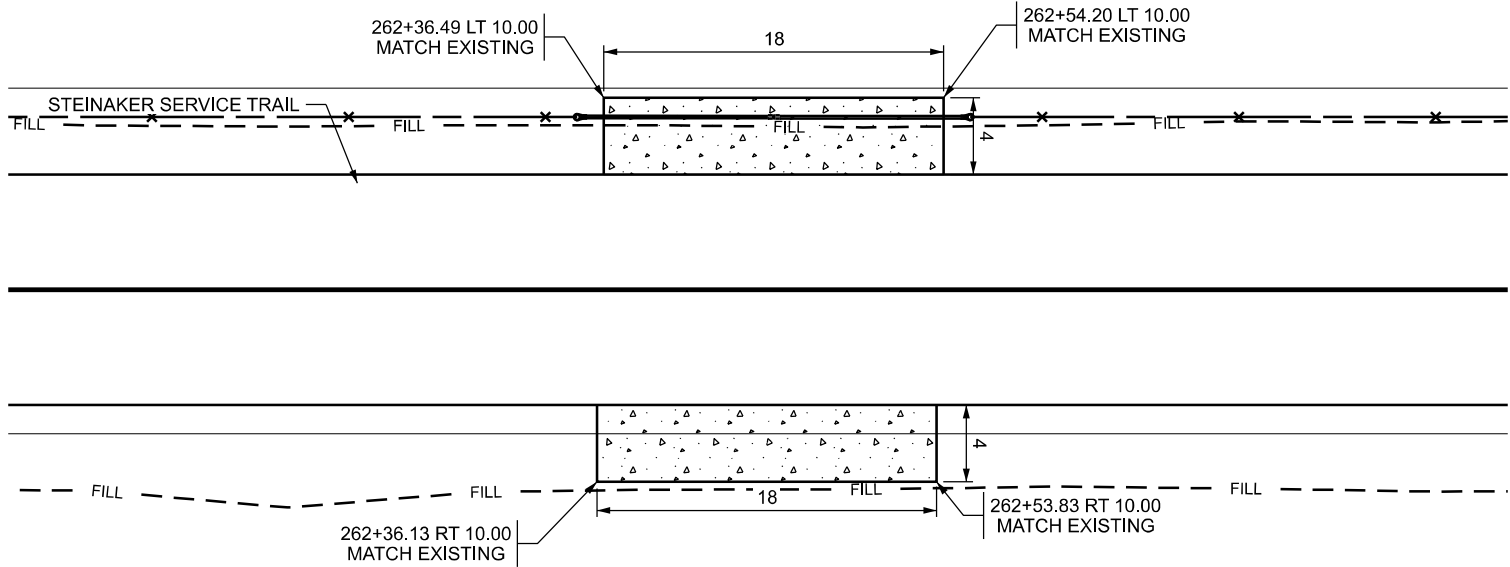
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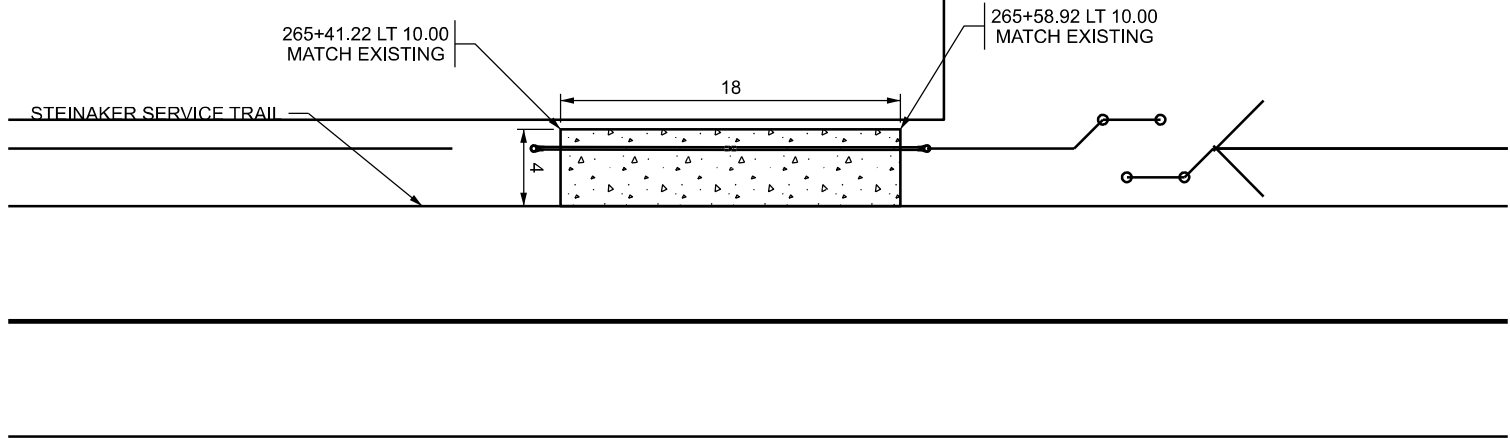
UNTREATED BASE COURSE
(PLAN QUANTITY) REQ'D

REVISIONS				UTAH DEPARTMENT OF TRANSPORTATION				SUNRISE ENGINEERING			
NO.	DATE	APPROVED BY	REMARKS	DRAWN BY				QC			
				AW				CHECKED BY			
				JDS				DATE			
				4/6/2026				PROFESSIONAL ENGINEER			
				APPROVED				DETAILS			
				UTN: STEINAKER SERVICE				CANAL TRAIL - PHASE ONE			
				S-TR03(2)				21890			
				PROJECT				PROJECT NUMBER			
				SHEET NO.				DT-02			

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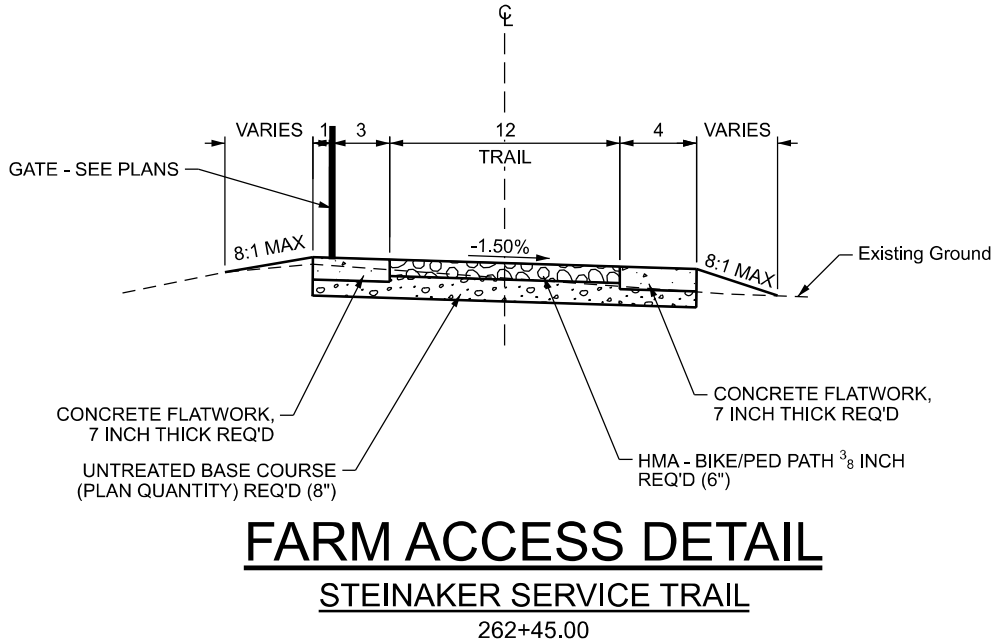


FARM ACCESS - 262+45.00



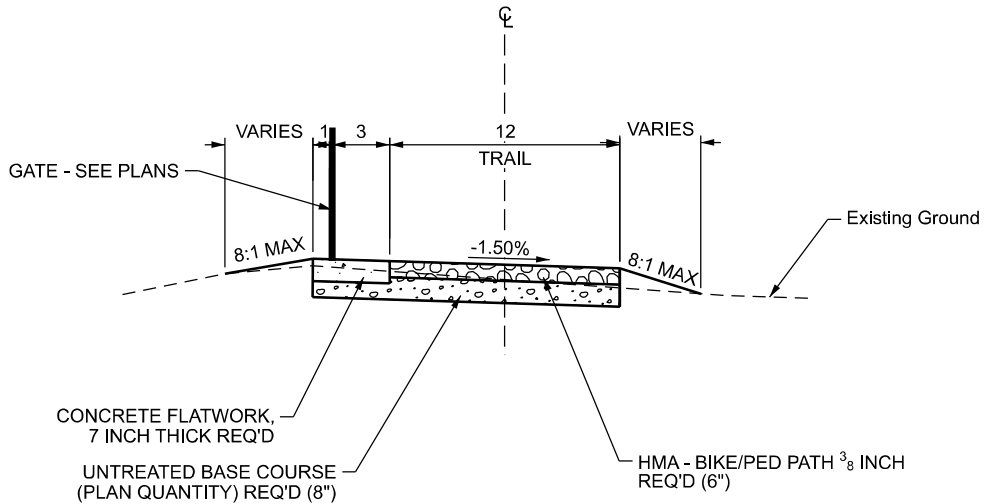
FARM ACCESS - 265+50.00

UNTREATED BASE COURSE
(PLAN QUANTITY) REQ'D



FARM ACCESS DETAIL
STEINAKER SERVICE TRAIL

262+45.00

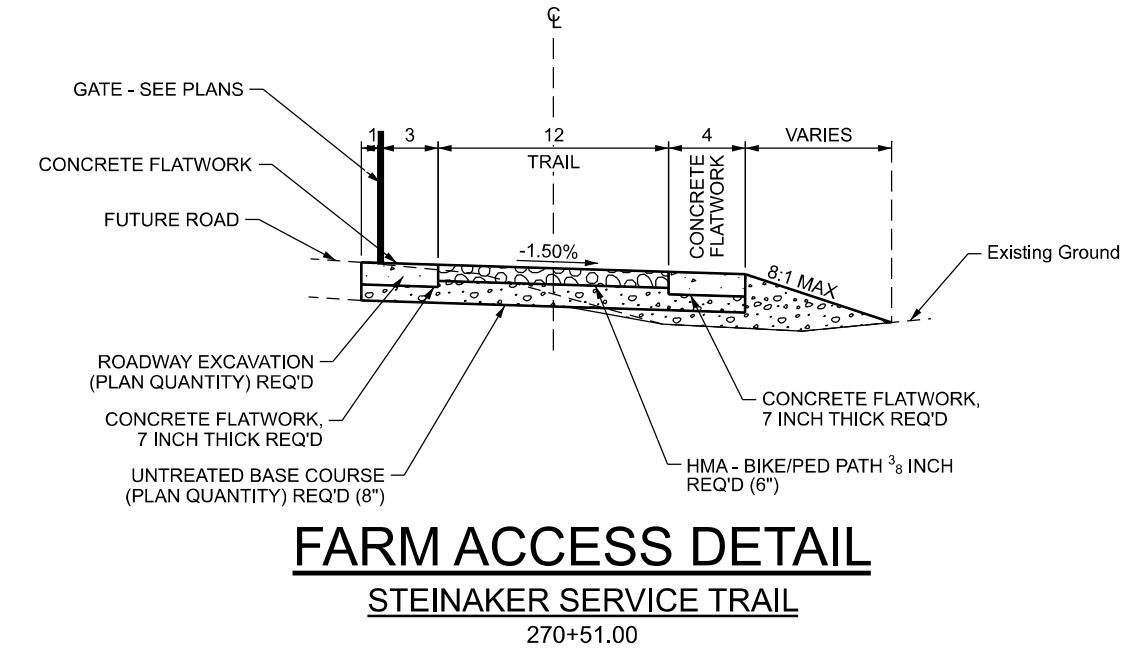
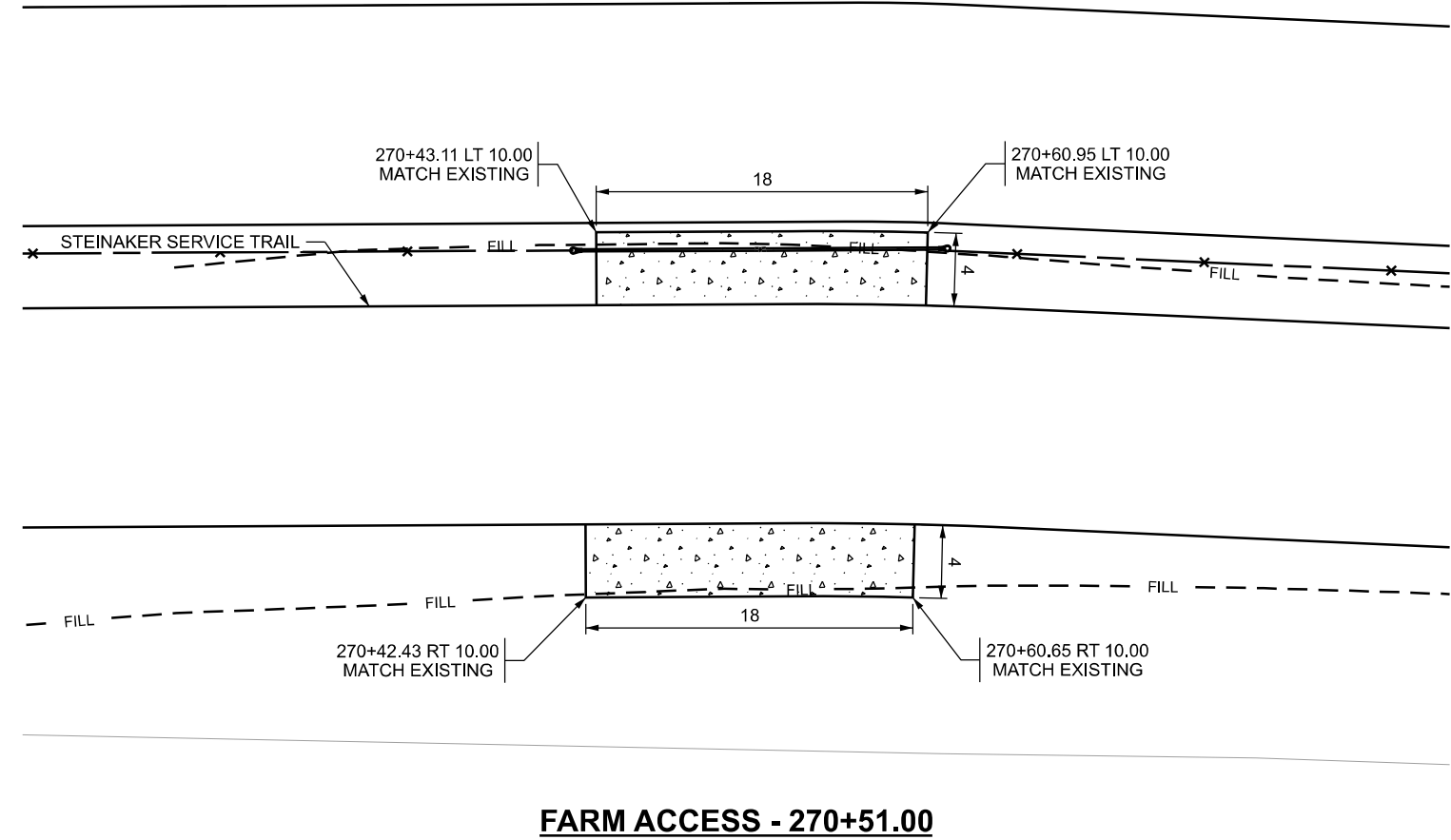


FARM ACCESS DETAIL
STEINAKER SERVICE TRAIL

265+50.00

SHEET NO.		DT-03	
PROJECT		UTN: STEINAKER SERVICE	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE	
S-TR03(2)		PIN	21890
DETAILS			
APPROVED		DRAWN BY	
PROFESSIONAL ENGINEER		AW	
DATE		QC CHECKED BY	
4/6/2026		JDS	
NO.		DATE	
APPROVED BY		REMARKS	

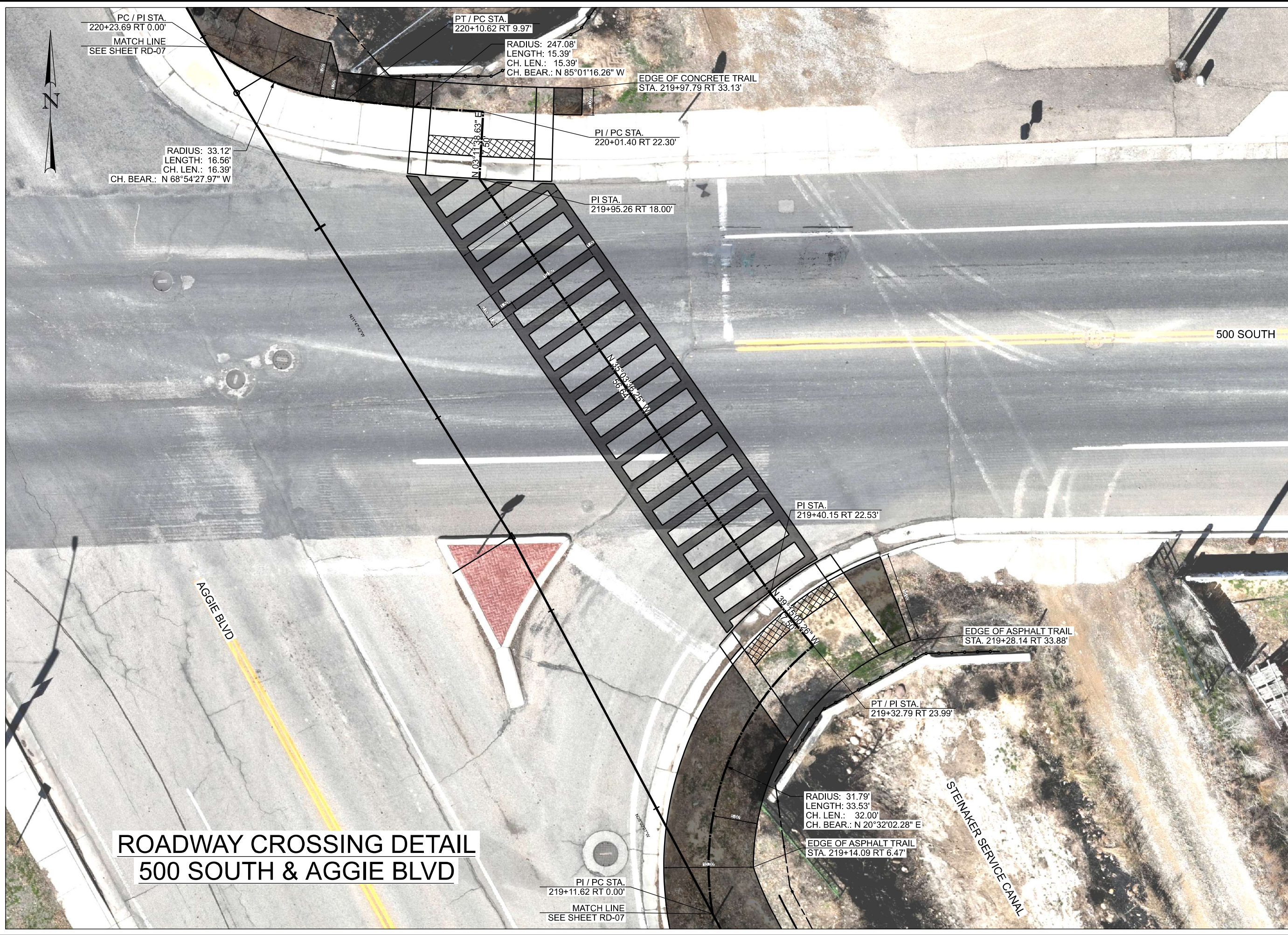
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UNTREATED BASE COURSE
(PLAN QUANTITY) REQ'D

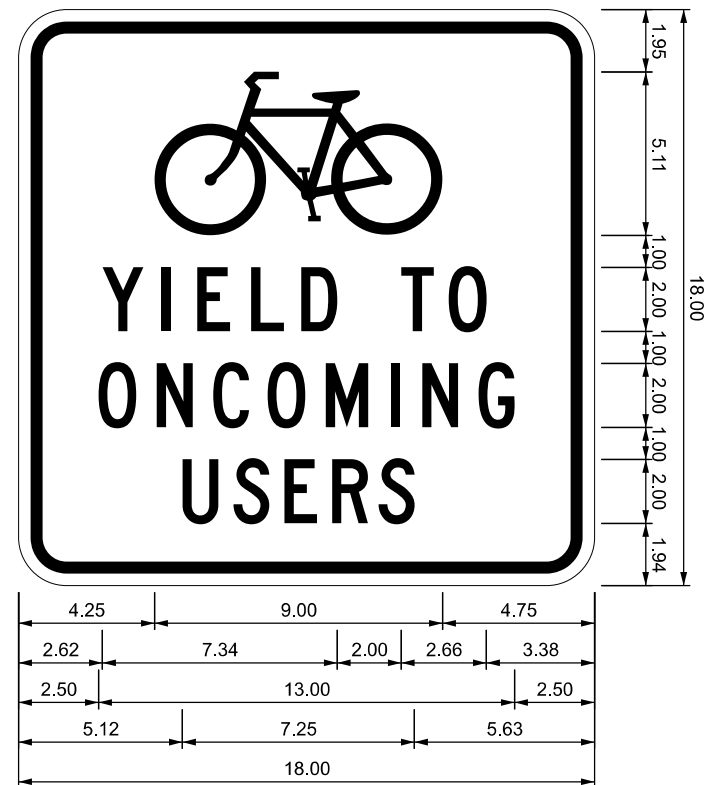
PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING				REVISIONS										
		CANAL TRAIL - PHASE ONE																
PROJECT NUMBER	S-TR03(2)		PIN	21890	APPROVED  PROFESSIONAL ENGINEER		4/6/2026		DATE		NO.		DATE		APPROVED BY		REMARKS	
	DETAILS		DRAWN BY				QC CHECKED BY		JDS									
SHEET NO.				DT-04														

6-APR-2026 DDN File: p:\ddt\paw.bentley.com\dot\paw\01\Documents\UDOT Projects\Region 3 Projects\21890 UTN STEINAKER SERVICE CANAL TRAIL - PHASE ONE\Roadway Design\21890 DT-05 Sunrise.dgn



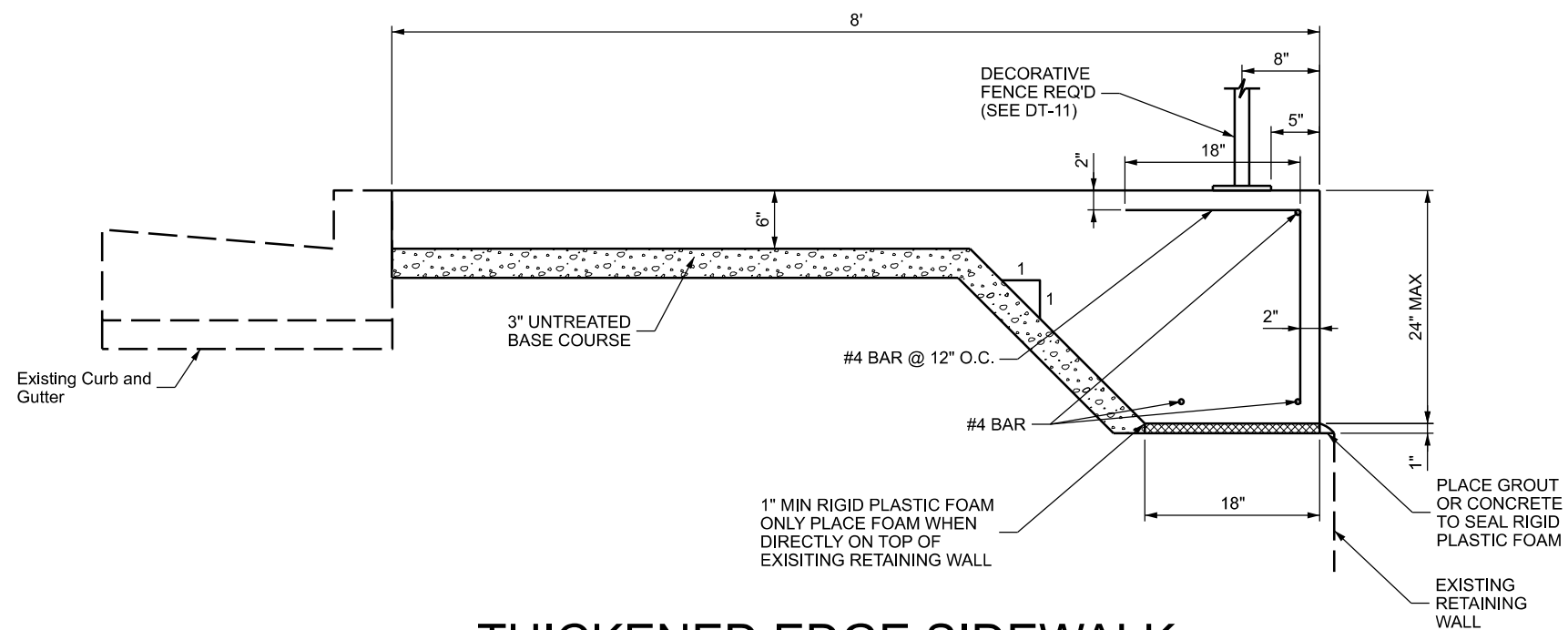
ROADWAY CROSSING DETAIL
500 SOUTH & AGGIE BLVD

PROJECT		UTN: STEINAKER SERVICE		REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE			
S-TR03(2)		SUNRISE ENGINEERING			
DETAILS		APPROVED			
PIN		DRAWN BY			
21890		JDS			
		QC			
		CHECKED BY			
		4/6/2026			
		DATE			
		PROFESSIONAL ENGINEER			
		DBW			
		APPROVED BY			
		NO.			
		DATE			
		REMARKS			



1.50" Radius, 0.38" Border, 0.38" Indent, Black on White
Symbol RG025;
"YIELD TO", C 2K specific length;
"ONCOMING", C 2K specific length;
"USERS", C 2K specific length;

R9-6b 18" x 18" SIGN



THICKENED EDGE SIDEWALK

SHEET NO.		DT-07													
PROJECT		UTN: STEINAKER SERVICE				UTAH DEPARTMENT OF TRANSPORTATION									
PROJECT NUMBER		CANAL TRAIL - PHASE ONE				SUNRISE ENGINEERING									
		S-TR03(2)		PIN		21890		APPROVED				DRAWN BY		DRS	
												OC CHECKED BY		RMP	
												APRIL 6, 2026		DATE	
												PROFESSIONAL ENGINEER			
												NO.		DATE	
												APPROVED BY		REMARKS	



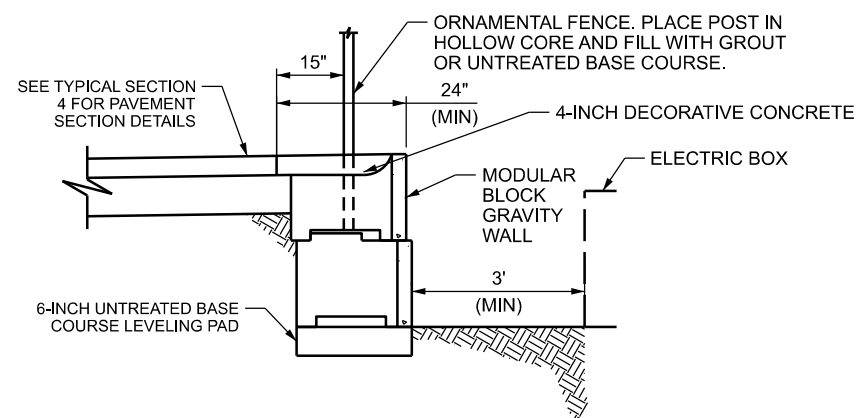
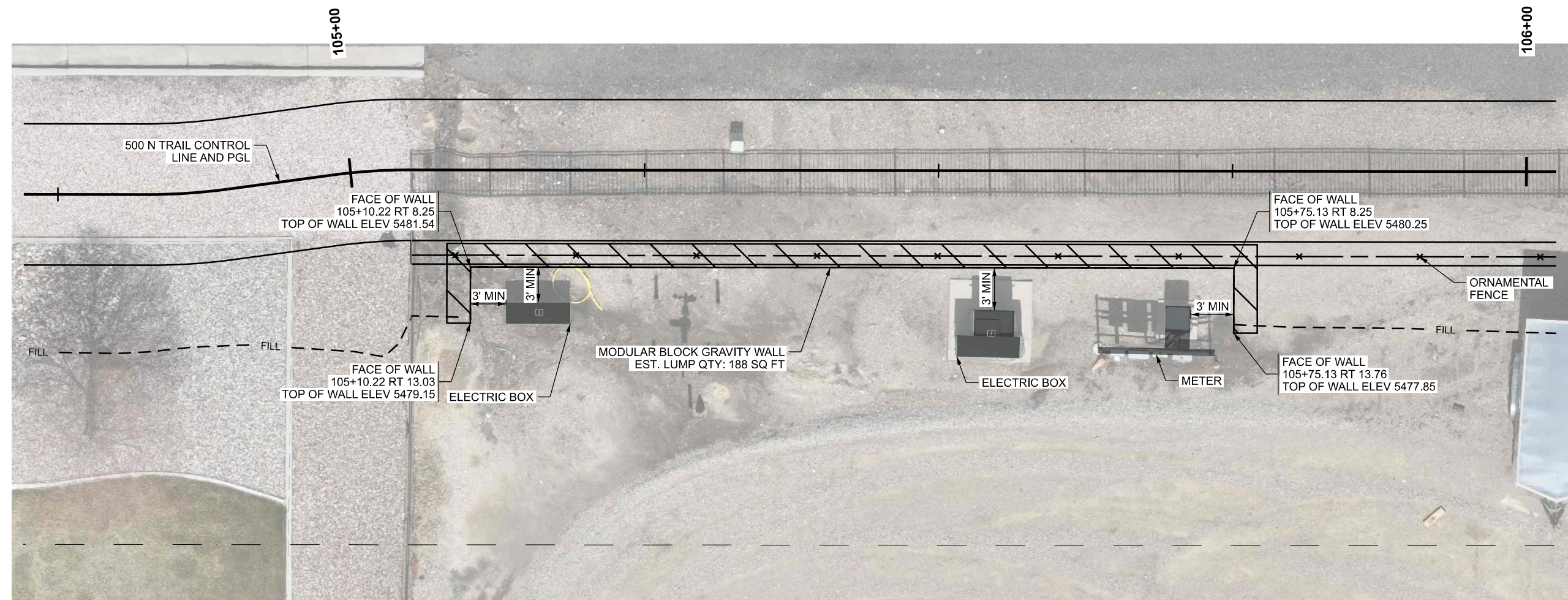
ORNAMENTAL FENCE DETAIL



NOTES

1. USE ORNAMENTAL FENCING AS SHOWN ON THIS SHEET. SEE SPECIAL PROVISION 02824M - FENCE ON STRUCTURE.
2. FINISH THE TOP OF THE CONCRETE UNDER EACH FENCE POST TO A SMOOTH AND UNIFORM SURFACE TO ASSURE PROPER ALIGNMENT OF THE POST AND A TIGHT FIT BETWEEN THE BASE PLATE AND CONCRETE.
3. PROVIDE WATERTIGHT POSTS AND RAILS. CAP ALL POSTS PRIOR TO SHIPMENT OR PROVIDE DRAIN HOLES IN POST ABOVE BASE PLATE.

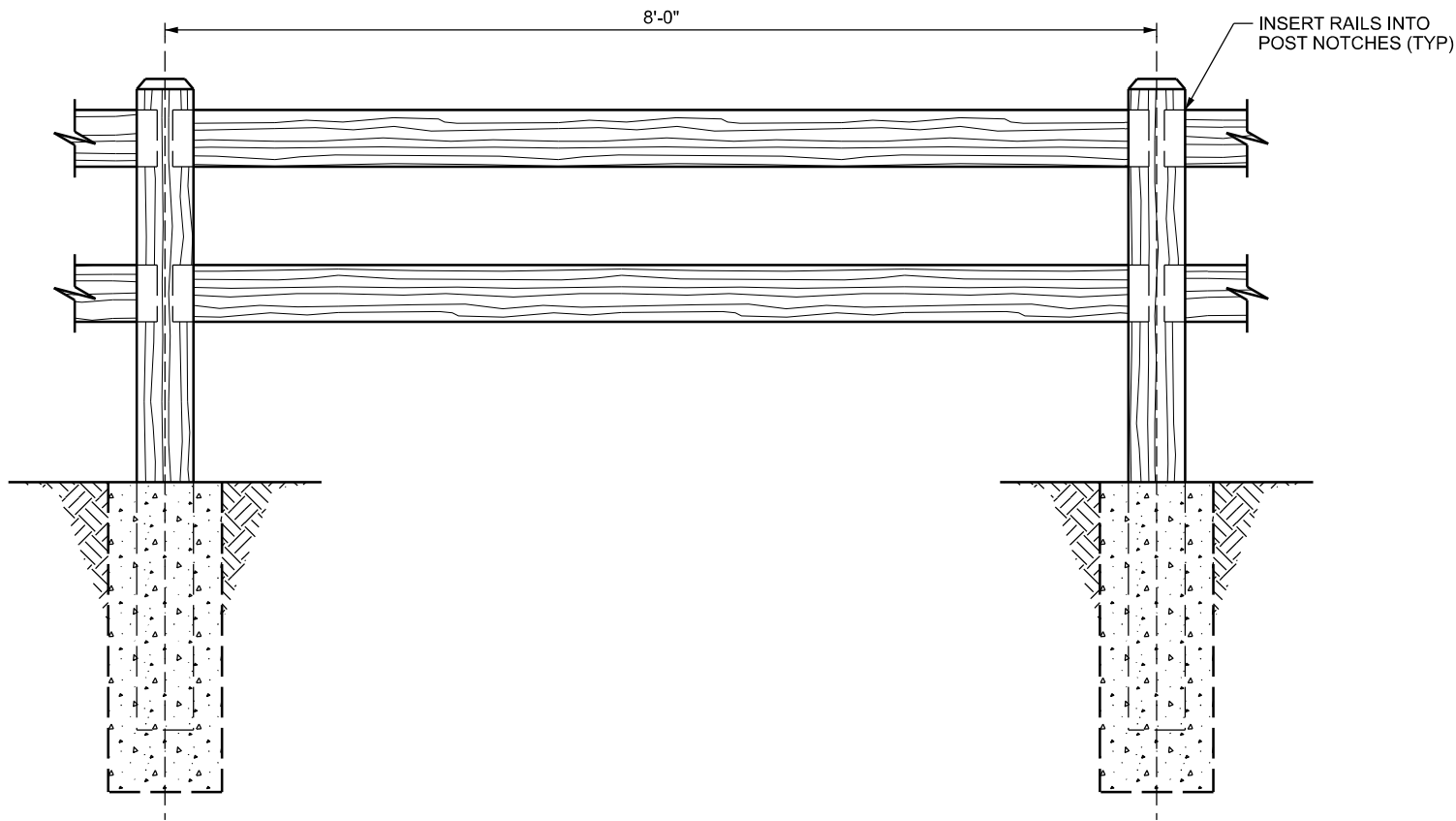
SHEET NO.		DT-08	
PROJECT	UTN: STEINAKER SERVICE		
CANAL TRAIL - PHASE ONE			
PROJECT NUMBER	S-TR03(2)	PIN	21890
APPROVED		 APRIL 6, 2026	
DRAWN BY		DRS	
QC CHECKED BY		CND	
UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING			
REVISIONS			

RT WALL PLAN

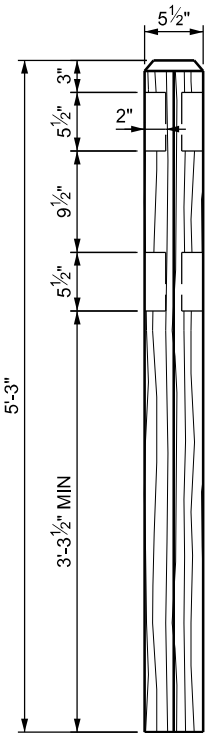
WALL DETAIL

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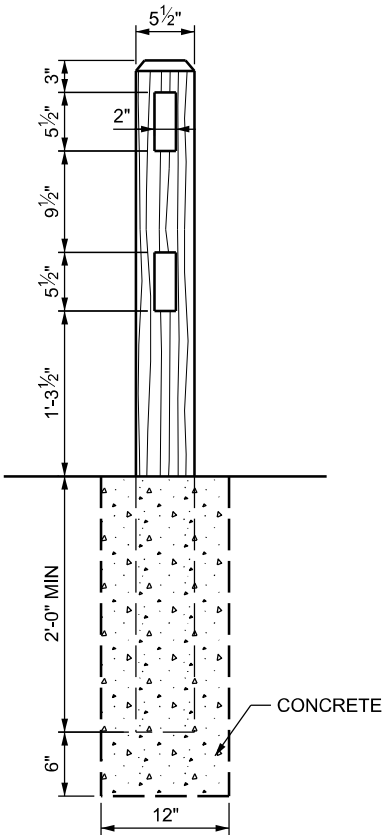
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(2-RAIL) SPLIT RAIL FENCE



(2-RAIL) POST

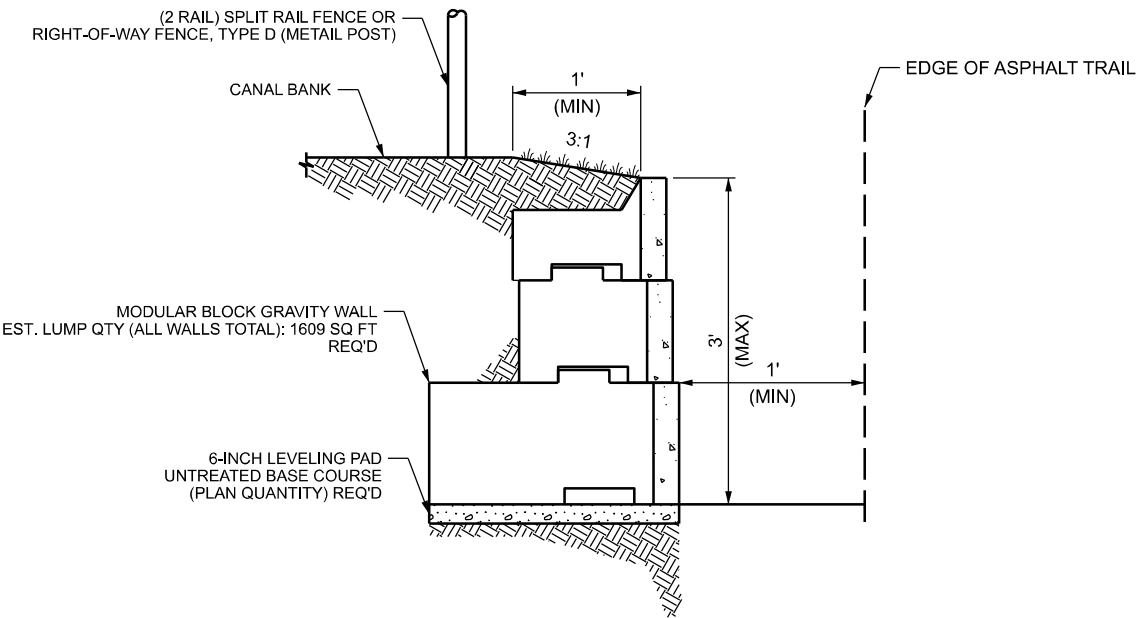


(2-RAIL) SPLIT RAIL FENCE
ELEVATION

NOTES:

1. FINISH THE TOP OF THE CONCRETE UNDER EACH FENCE POST TO A SMOOTH AND UNIFORM SURFACE TO ASSURE PROPER ALIGNMENT OF THE POST AND A TIGHT FIT BETWEEN THE BASE PLATE AND CONCRETE.

(2-RAIL) SPLIT RAIL FENCE DETAIL



MODULAR BLOCK GRAVITY WALL

UTAH DEPARTMENT OF TRANSPORTATION		SUNRISE ENGINEERING		REVISIONS	
PROJECT	UTN: STEINAKER SERVICE	APPROVED		DRAWN BY	JDS
	CANAL TRAIL - PHASE ONE	4/6/2026		QC CHECKED BY	
PROJECT NUMBER	S-TR03(2)	PIN	21890	PROFESSIONAL ENGINEER	DATE
	DETAILS		DBW		
SHEET NO. DT-10		NO.		DATE	APPROVED BY
					REMARKS

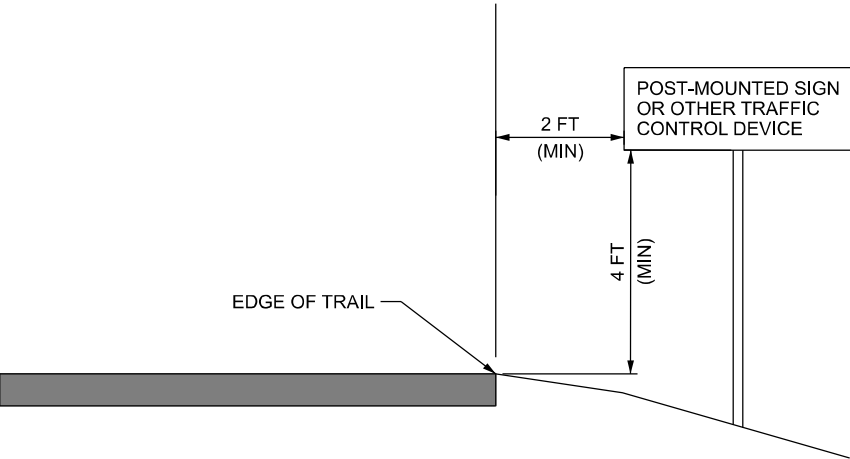


DECORATIVE FENCE DETAIL



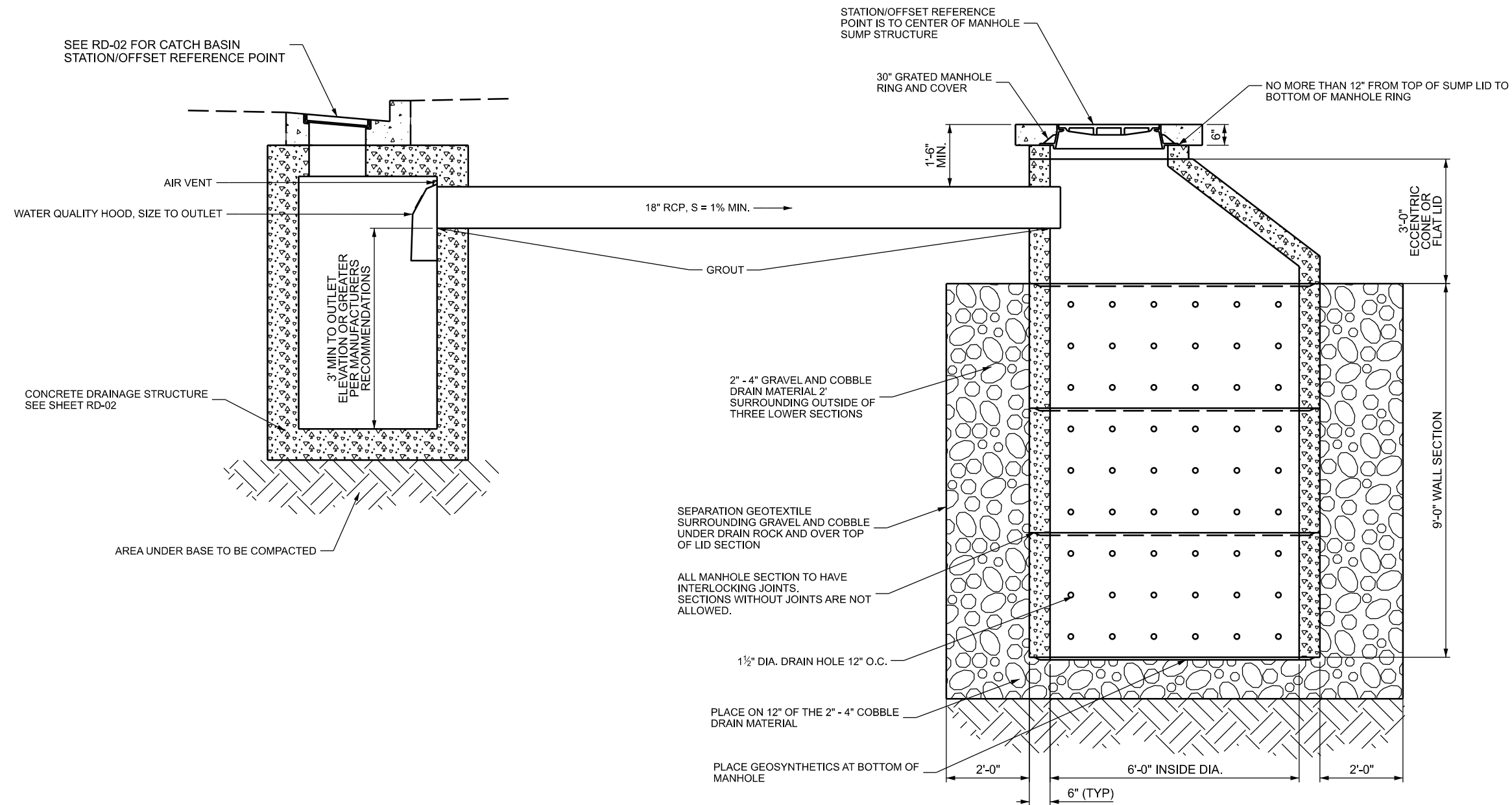
1. USE DECORATIVE STEEL FENCE SYSTEM AS SHOWN ON THIS SHEET OR AN APPROVED EQUAL. SEE SPECIAL PROVISION SECTION 02826S-DECORATIVE FENCE.
2. SEAL ALL EXPOSED SURFACES OF BASE PLATES AND ACCESSORIES BY APPLYING ZINC-RICH PRIMER AND AFTER LETTING DRY, APPLY TWO COATS OF CUSTOM FINISH SPRAY PAINT MATCHING FENCE COLOR. ENSURE MANUFACTURE'S RECOMMENDATIONS.
3. FINISH THE TOP OF THE CONCRETE UNDER EACH FENCE POST TO A SMOOTH AND UNIFORM SURFACE TO ASSURE PROPER ALIGNMENT OF THE POST AND A TIGHT FIT BETWEEN THE BASE PLATE AND CONCRETE.
4. PROVIDE WATERTIGHT POSTS AND RAILS. CAP ALL POSTS PRIOR TO SHIPMENT OR PROVIDE DRAIN HOLE IN POST ABOVE BASE PLATE.

SHEET NO. DT-11



TRAIL SIGN PLACEMENT DETAIL

SHEET NO.		DT-12		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING		APPROVED		DRAWN BY		AW		REVISIONS	
PROJECT		UTN: STEINAKER SERVICE				PROJECT NUMBER		S-TR03(2)		PIN			
PROJECT		CANAL TRAIL - PHASE ONE		PROJECT NUMBER		S-TR03(2)		PIN		21890			
PROJECT		DETAIL		PROJECT NUMBER		S-TR03(2)		PIN		21890			
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PROJECT		DETAIL		PROJECT NUMBER		S-TR03(2)		PIN		21890			



CONCRETE DRAINAGE STRUCTURE MANHOLE
SUMP - 6 FOOT DIAMETER X 9 FT DEEP

CROSS-SECTION
NTS

NOTES:

1. SEE RD-02 FOR LOCATION OF CONCRETE DRAINAGE STRUCTURE CATCH BASINS AND MANHOLE SUMPS.
2. SEE UDOT STD DWG CB 5A AND CB 5B FOR CONCRETE DRAINAGE STRUCTURE TYPE CB CONSTRUCTION DETAILS.
3. SEE UDOT STD DWG GF 7 FOR MANHOLE COVER GRATE AND FRAME.
4. MANHOLE BASE AND ALL SECTIONS SHALL BE PRECAST TO CONFORM TO UDOT STANDARD SPECIFICATION 02633.
5. THE PRETREATMENT MANHOLE SHALL BE CONSTRUCTUED TO ENSURE WATER TIGHTNESS.
6. THE SUMP SHALL BE LOCATED 5' (MIN) OFFSET FROM THE CATCH BASIN.
7. THE SUMP LID SHALL NOT BE LOCATED IN THE TRAIL SECTION.
8. ANY APPROVED EQUIVALENT REQUIRE THE ENGINEER WRITTEN APPROVAL.

CONCRETE DRAINAGE STRUCTURE MANHOLE SUMP DETAIL

6-APR-2026 D:\N_Files\pwr\j\udot\paw.bentley.com\udot\paw-01\Documents\UDOT Projects\Region 3 Projects\21830_UTN_STEINAKER_SERVICE_CANAL_TRAIL--PHASE ONE/Roadway Design\21830_SM-01_Summary.dgn

SUMMARY OF ITEMS					
BID ITEM	PAY ITEM NUMBER	PAY ITEM NAME	UNIT	QUANTITY	CALLOUT LOCATION
1	015017010	MOBILIZATION	LUMP	1.00	
2	01511700*	CONSTRUCT USU ACCESS	SQ FT	9655.00	RD-13 TO RD-14
3	015547005	TRAFFIC CONTROL	LUMP	1.00	
4	015717030	SILT FENCE	FT	645.00	ENV-08
5	015717075	DROP-INLET BARRIER - FIBER ROLL	FT	10.00	ENV-01 TO ENV-14
6	015717115	PIPE-INLET BARRIER - FIBER ROLL	EACH	7.00	ENV-01 TO ENV-15
7	015717130	STABILIZED CONSTRUCTION ENTRANCE	EACH	1.00	ENV-04
8	015727020	DUST CONTROL AND WATERING	1000 GAL	500.00	
9	017217010	SURVEY	LUMP	1.00	RD-01 TO RD-14
10	018927042	RECONSTRUCT VALVE BOX - RAISE	EACH	1.00	UT-05
11	018927052	RECONSTRUCT MANHOLE - RAISE	EACH	1.00	UT-05
12	020567005	BORROW (PLAN QUANTITY)	CU YD	2961.00	RD-01 TO RD-14
13	020567015	GRANULAR BORROW (PLAN QUANTITY)	CU YD	22.00	RD-02
14	022217050	REMOVE TREE	EACH	6.00	RD-04
15	022217080	REMOVE FENCE	FT	5177.00	RD-01 TO RD-14
16	02221708P	REMOVE GATE	EACH	4.00	RD-07 & RD-11
17	022217095	REMOVE PIPE	FT	47.00	RD-04 TO RD-14
18	022217100	REMOVE PIPE END SECTION	EACH	7.00	RD-04 TO RD-14
19	022217120	REMOVE CONCRETE CURB	FT	425.00	RD-01 TO RD-02
20	022217165	REMOVE ASPHALT PAVEMENT	SQ YD	70.00	RD-06
21	022317020	CLEARING AND GRUBBING (PLAN QUANTITY)	ACRE	3.75	RD-01 TO RD-14
22	023167020	ROADWAY EXCAVATION (PLAN QUANTITY)	CU YD	1217.00	RD-01 TO RD-14
24	026107384	DRAINAGE PIPE - 15 INCH, SMOOTH, LEAK-RESISTANT	FT	116.00	RD-08 TO RD-14
25	026107386	DRAINAGE PIPE - 18 INCH, SMOOTH, LEAK-RESISTANT	FT	19.00	RD-02
26	026107390	DRAINAGE PIPE - 30 INCH, SMOOTH, LEAK-RESISTANT	FT	18.00	RD-08
27	02613703P	CIRCULAR END SECTION 15 INCH	EACH	6.00	RD-05 TO RD-14
28	026137050	CIRCULAR END SECTION 30 INCH	EACH	1.00	RD-08
29	02633707P	CONCRETE DRAINAGE STRUCTURE MANHOLE SUMP - 6 FOOT DIAMETER X 9 FT DEEP	EACH	1.00	RD-02
30	02633720P	CONCRETE DRAINAGE STRUCTURE 3 FT WIDE X 5 FT DEEP - CB 5	EACH	1.00	RD-02
31	027217020	UNTREATED BASE COURSE (PLAN QUANTITY)	CU YD	3002.00	RD-01 TO RD-14
32	027417050	HMA - 1/2 INCH	TON	20.00	RD-02
33	027437050	HMA - BIKE/PED PATH 3/8 INCH	TON	2495.00	RD-01 TO RD-14
34	027487020	EMULSIFIED ASPHALT (TACK)	TON	4.00	RD-01 TO RD-14
35	027717059	PERPENDICULAR/PARALLEL PEDESTRIAN ACCESS RAMP	EACH	6.00	RD-06, RD-07, RD-11
36	02772700*	TACTILE DIRECTION INDICATOR	FT	49.00	DT-06
37	027767010	CONCRETE SIDEWALK	SQ FT	3810.00	RD-01, RD-05 TO RD-08
38	027767025	CONCRETE CURB AND GUTTER TYPE B1	FT	226.00	RD-02
39	027767030	CONCRETE FLATWORK, 4 INCH THICK	SQ FT	453.00	RD-02
40	02776704P	THICKENED EDGE SIDEWALK	SQ FT	322.00	RD-01
41	027767050	CONCRETE FLATWORK, 7 INCH THICK	SQ FT	1017.00	RD-01 TO RD-14
42	02776705P	DECORATIVE CONCRETE, 4 INCH THICK, LIGHT BROWN	SQ FT	2837.00	RD-01 TO RD-07
43	02817700*	(2 RAIL) SPLIT RAIL FENCE	FT	363.50	RD-10 TO RD-14
44	028217008	6 FT CHAIN LINK FENCE, TYPE I	FT	1434.00	RD-07, RD-11
45	02821700P	8 FT CHAIN LINK FENCE, TYPE I WITH PRIVACY SLATS	FT	426.60	RD-09 TO RD-10
46	028217072	CHAIN LINK GATE, H= 4 FT X W= 10 FT	EACH	6.00	RD-13 TO RD-14
47	028217096	CHAIN LINK GATE, H= 4 FT X W= 16 FT	EACH	2.00	RD-04
48	028217100	CHAIN LINK GATE, H= 6 FT X W= 16 FT	EACH	1.00	RD-10
49	028227030	RIGHT-OF-WAY FENCE, TYPE D (METAL POST)	FT	6809.90	RD-01 TO RD-14
50	028227075	RIGHT-OF-WAY GATE 8 FT	EACH	2.00	RD-03
51	02826702*	DECORATIVE FENCE	FT	55.00	RD-01
52	029127030	CONTRACTOR FURNISHED TOPSOIL	SQ YD	2724.00	RD-01 TO RD-04
54	02824702P	ORNAMENTAL FENCE	FT	226.30	RD-02
55	02862710D	MODULAR BLOCK GRAVITY WALL EST. LUMP QTY: 188 SQ FT	LUMP	1.00	RD-02
56	02862720D	MODULAR BLOCK GRAVITY WALL EST. LUMP QTY: 876 SQ FT	LUMP	1.00	RD-07
57	02862730D	MODULAR BLOCK GRAVITY WALL EST. LUMP QTY: 545 SQ FT	LUMP	1.00	RD-08
63	02813700*	RESTORE SPRINKLER SYSTEM	LUMP	1.00	RD-01 TO RD-02
64	029117010	HECP TYPE 1 (PLAN QUANTITY)	SQ YD	9776.00	RD-01 TO RD-14

65	029127000	STRIP AND STOCKPILE SALVAGED TOPSOIL (PLAN QUANTITY)	SQ YD	900.00	
66	029127010	SPREAD SALVAGED TOPSOIL (PLAN QUANTITY)	SQ YD	900.00	
67	029227010	DRILL SEED (PLAN QUANTITY)	SQ YD	2696.00	RD-02 TO RD-04
68	029227030	BROADCAST SEED (PLAN QUANTITY)	SQ YD	7080.00	RD-01 TO RD-14
69	029227070	TURF SOD	SQ YD	28.00	RD-01 TO RD-02
70	02933701*	LANDSCAPING ROCK	SQ FT	2162.00	RD-01
71	02933702*	REMOVE, STOCKPILE, AND REPLACE LANDSCAPING ROCK	SQ FT	10000.00	RD-01 TO RD-03
72	02933703*	REMOVE AND REPLACE LANDSCAPING CURB	FT	30.00	RD-02
73	027657050	PAVEMENT MARKING PAINT	GAL	31.19	RD-01 TO RD-14
74	027657075	PAVEMENT MARKING PAINT (STOP LINE, CROSSWALK-12 INCH)	FT	198.62	RD-07, RD-11
75	028917026	SIGN TYPE A-1, 12 INCH X 24 INCH	EACH	3.00	RD-07, RD-11
76	02891702P	SIGN TYPE A-1 18 INCH X18 INCH	EACH	5.00	RD-01, RD-02, RD-08
77	028917030	SIGN TYPE A-1, 21 INCH X 15 INCH	EACH	4.00	RD-07, RD-11
78	028917060	SIGN TYPE A-1, 30 INCH X 30 INCH	EACH	5.00	RD-07 TO RD-08
79	028917065	SIGN TYPE A-1, 36 INCH X 36 INCH	EACH	4.00	RD-11
80	02891706P	SIGN TYPE A-1, 14 INCH X 6 INCH	EACH	4.00	RD-08 TO RD-14
81	028917285	RELOCATE SIGN LESS THAN 20 SQUARE FEET	EACH	14.00	RD-01 TO RD-07
82	028917300	SMALL SIGN TUBULAR STEEL POST BASE (B1)	EACH	14.00	RD-01 TO RD-07
83	028917320	SLIPBASE SIGN BASE (B3)	EACH	23.00	RD-01 TO RD-07
84	028917365	SIGN POST P3	EACH	23.00	RD-01 TO RD-07
FOR ITEMS 53,58,59,60,61,62 SEE STRUCTURE PAGES					

UTAH DEPARTMENT OF TRANSPORTATION		SUNRISE ENGINEERING		DRAWN BY AW		JDS	
UTN: STEINAKER SERVICE		CANAL TRAIL - PHASE ONE		APPROVED		PROFESSIONAL ENGINEER	
PROJECT		S-TR03(2)		DATE 4/6/2026		DATE	
PROJECT NUMBER		PIN 21890		QC CHECKED BY		REMARKS	
SHEET NO.		SM-01		NO.		DATE	

LINE	FROM		TO		SPLIT RAIL FENCE	STEEL FENCE		CHAIN LINK FENCE AND GATE						RIGHT-OF-WAY FENCE AND GATE		REMARKS
					TWO RAIL	THREE RAIL		6FT CHAIN LINK FENCE	8FT CHAIN LINK FENCE	CHAIN LINK GATE			METAL POST	GATE		
					TWO RAIL	DECORATIVE	ORNAMENTAL	TYPE 1	TYPE 1, WITH PRIVACY SLATS	H=4 X W=10	H=4 X W=16	H=6 X W=16	TYPE D	8 FT		
	STATION	OFFSET	STATION	OFFSET	FEET	FEET	FEET	FEET	FEET	EA	EA	EA	FEET	EACH		
500 N TRAIL	102+10.52	6.00 RT	102+65.57	16.57 RT		55.05										
500 N TRAIL	105+05.19	7.25 RT	107+31.51	7.25 RT			226.32									
500 N TRAIL	107+31.33	27.37 RT	112+20.43	18.00 RT									489.19			
500 N TRAIL	112+36.43	18.00 RT	121+94.11	33.47 RT									957.80			
500 N TRAIL	123+44.12	8.00 RT	123+95.68	8.00 RT				50.72								
500 N TRAIL	112+20.43	18.00 RT	0+00.00	0.00 RT										1		
500 N TRAIL	112+36.43	18.00 RT	0+00.00	0.00 RT										1		
500 N TRAIL	121+94.11	33.47 RT	0+00.00	0.00 RT						1						
500 N TRAIL	122+31.63	35.08 RT	0+00.00	0.00 RT						1						
STEINAKER TRAIL	200+44.73	9.00 RT	200+91.95	9.00 RT									47.22			
STEINAKER TRAIL	203+08.18	9.00 RT	208+66.27	9.00 RT									558.09			
STEINAKER TRAIL	208+98.80	9.00 RT	209+51.45	9.00 RT									52.65			
STEINAKER TRAIL	211+02.95	9.00 RT	213+25.07	9.00 RT									222.12			
STEINAKER TRAIL	213+69.43	9.00 RT	219+18.92	18.92 RT									549.84			
STEINAKER TRAIL	219+18.92	18.92 RT	219+20.88	41.34 RT				31.32								
STEINAKER TRAIL	220+09.49	45.88 RT	220+12.27	15.17 RT				33.34								
STEINAKER TRAIL	220+12.27	15.17 RT	221+79.70	9.00 RT									167.43			
STEINAKER TRAIL	222+63.92	9.00 RT	222+97.73	9.00 RT									33.81			
STEINAKER TRAIL	223+52.84	9.00 RT	224+81.11	9.00 RT									128.27			
STEINAKER TRAIL	224+50.00	9.00 LT	226+30.00	9.00 LT	180.00											
STEINAKER TRAIL	231+74.54	9.00 LT	237+96.06	9.00 LT				621.52								
STEINAKER TRAIL	237+76.81	9.00 RT	238+84.67	9.00 RT									107.86			
STEINAKER TRAIL	237+96.75	7.50 LT	238+34.61	7.50 LT				37.86								
STEINAKER TRAIL	238+34.61	7.50 LT									1					
STEINAKER TRAIL	238+84.67	9.00 RT	239+00.00	7.50 RT									15.10			
STEINAKER TRAIL	239+00.00	7.50 RT	239+52.04	7.50 RT									52.04			
STEINAKER TRAIL	239+52.04	7.50 RT	242+23.35	9.00 RT									271.31			
STEINAKER TRAIL	238+34.61	7.50 LT	242+23.35	9.00 LT					388.74							
STEINAKER TRAIL	242+43.35	9.00 LT	248+86.39	9.00 LT				643.04								
STEINAKER TRAIL	242+43.35	9.00 RT	248+94.45	9.00 RT									651.10			
STEINAKER TRAIL	248+89.36	15.93 RT	248+86.40	39.77 RT				26.44								
STEINAKER TRAIL	250+07.43	40.42 RT	250+12.05	15.88 RT				27.59								
STEINAKER TRAIL	250+17.65	11.21 RT	256+23.20	9.00 RT									615.85			
STEINAKER TRAIL	254+32.54	9.00 LT	256+16.09	9.00 LT	183.55											
STEINAKER TRAIL	256+16.09	9.00 LT	262+35.40	9.00 LT									619.31			
STEINAKER TRAIL	262+45.40	9.00 LT							2							
STEINAKER TRAIL	262+55.40	9.00 LT	265+40.12	9.00 LT									284.72			
STEINAKER TRAIL	265+50.12	9.00 LT							2							
STEINAKER TRAIL	265+60.12	9.00 LT	270+42.19	9.00 LT									482.07			
STEINAKER TRAIL	270+52.07	9.00 LT							2							
STEINAKER TRAIL	270+61.95	9.00 LT	275+66.09	9.00 LT									504.14			
TOTAL					363.5	55.0	226.3	1,434.0	426.6	6.0	2.0	1.0	6,809.9	2.0		

LANDSCAPE SUMMARY SHEET														
LINE	FROM		TO		CONTRACTOR FURNISHED TOPSOIL	LANDSCAPING ROCK	REMOVE, STOCKPILE, AND REPLACE LANDSCAPE ROCK	RESTORE SPRINKLER SYSTEM	DRILL SEED (PLAN QUANTITY)	HECP TYPE 1 (PLAN QUANTITY)	BROADCAST SEED (PLAN QUANTITY)	REMOVE AND REPLACE LANDSCAPING CURB	TURF SOD	REMARKS
	STATION	OFFSET	STATION	OFFSET	SQ YD	SQ FT	SQ FT	LUMP	SQ YD	SQ YD	SQ YD	FT	SQ YD	
500 N TRAIL	99+99.86	6.00 RT	105+05.19	6.00 RT			10000							
500 N TRAIL	99+99.86	6.00 RT	105+05.19	6.00 RT				1						
500 N TRAIL	100+04.75	7.99 LT	101+77.14	7.08 LT		646								
500 N TRAIL	101+00.00	30.00 RT	101+25.00	65.00 RT	11								11	
500 N TRAIL	101+07.06	59.75 RT	101+19.58	72.00 RT		98								
500 N TRAIL	102+83.55	99.65 RT	103+04.94	93.08 RT		1418								
500 N TRAIL	103+12.00	24.00 RT	103+12.00	100.00 RT	18								18	
500 N TRAIL	101+66.24	7.35 RT	101+95.83	12.77 RT								30		
500 N TRAIL	107+31.51	9.59 LT	112+20.42	19.36 LT	650				650	650				
500 N TRAIL	112+36.43	19.47 RT	122+11.83	18.37 LT	1925				1925	1925				
500 N TRAIL	122+31.83	18.70 LT	122+65.49	19.32 LT	46				46	46				
500 N TRAIL	123+27.49	19.45 LT	123+95.68	13.00 LT	75				75	75				
STEINAKER TRAIL	200+00.00	0.00 RT	275+95.11	0.00 RT						7080	7080			
TOTAL					2,724	2,162	10,000	1	2,696	9,776	7,080	30	28	

SHEET NO.		SM-02																	
PROJECT		UTN: STEINAKER SERVICE		CANAL TRAIL - PHASE ONE															
PROJECT NUMBER		S-TR03(2)		PIN		21890		SUMMARY SHEET											
APPROVED								DRAWN BY								AW			
 PROFESSIONAL ENGINEER								4/6/2026 DATE								QC CHECKED BY		JDS	

6-APR-2026 D:\F:\p\p\1\udot\paw\entle\com\dot\p\p\01\Documents\UDOT Projects\Region 3 Projects\21890 UTN STEINAKER SERVICE CANAL TRAIL - PHASE ONE\Roadway Design\21890 SM-03 Sunrise.dgn

SIGN SCHEDULE															
LINE	STATION	OFFSET	SIGN DESCRIPTION	SIGN CODE	SIGN BASE AND FACE MATERIAL						SIGN POST P3	SLIPBASE SIGN BASE (B3)	SMALL SIGN TUBULAR STEEL POST BASE (B1)	RELOCATE SIGN < 20 SQ FT	REMARKS
					TYPE A-1										
					14 x 6	18 x 18	21 X 15	24 X 12	30 X 30	36 X 36					
					EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
500 N TRAIL	101+73.91	5.13 LT	Green Bike Route	D11-1									1	1	
500 N TRAIL	106+95.45	2.54 LT	No U-Turn	R3-4									1	1	
500 N TRAIL	100+93.50	9.00 RT	Path Narrows	W5-4a		1					1	1			
500 N TRAIL	100+93.50	9.00 RT	Bikes Yield to Peds	R9-6b		1									
500 N TRAIL	103+55.86	9.00 LT	Path Narrows	W5-4a		1					1	1			
500 N TRAIL	103+55.86	9.00 LT	Bikes Yield to Peds	R9-6b		1									
STEINAKER TRAIL	200+07.96	7.50 RT	No Pedestrian Crossing	R9-3									1	1	
STEINAKER TRAIL	200+78.48	7.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	202+43.48	7.50 RT	Speed Limit	R2-1									1	1	
STEINAKER TRAIL	203+76.34	7.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	204+53.33	7.50 RT	Guidance	R8-XL									1	1	
STEINAKER TRAIL	206+78.63	7.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	209+68.31	7.50 RT	Bus	RS-031									1	1	
STEINAKER TRAIL	212+25.00	7.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	214+81.56	6.50 RT	Dip Warning	W8-2									1	1	
STEINAKER TRAIL	215+43.12	6.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	217+95.16	6.50 RT	No Parking	R7-1									1	1	
STEINAKER TRAIL	218+75.00	6.50 RT	Trail Crossing	W11-15					1		1	1			
STEINAKER TRAIL	218+75.00	6.50 RT	Right Turn	W16-6p			1				1	1			
STEINAKER TRAIL	219+25.00	18.50 RT	Trail Crossing	W11-15					1		1	1			
STEINAKER TRAIL	219+25.00	18.50 RT	Guide Arrow	W16-7p			1				1	1			
STEINAKER TRAIL	219+45.50	127.00 RT	Trail Crossing	W11-15					1		1	1			
STEINAKER TRAIL	219+45.50	127.00 RT	Ahead	W16-9p				1			1	1			
STEINAKER TRAIL	220+25.46	7.50 RT	Guidance	M3-3									1	1	
STEINAKER TRAIL	222+09.78	9.50 RT	Guide Sign	D1-1	1						1	1			
STEINAKER TRAIL	223+88.13	7.50 LT	Bikes Yield to Pedestrians	R9-6b		1					1	1			
STEINAKER TRAIL	237+40.88	7.00 RT	Horizontal Alignment	W1-3r					1		1	1			
STEINAKER TRAIL	239+06.04	6.75 LT	Horizontal Alignment	W1-3r					1		1	1			
STEINAKER TRAIL	248+11.00	221.00 LT	Trail Crossing	W11-15						1	1	1			
STEINAKER TRAIL	248+11.00	221.00 LT	Ahead	W11-15				1			1	1			
STEINAKER TRAIL	248+50.00	9.50 RT	Guide Sign	D1-1	1						1	1			
STEINAKER TRAIL	248+92.00	21.50 RT	Trail Crossing	W11-15						1	1	1			
STEINAKER TRAIL	248+92.00	21.50 RT	Diagnal Arrow	W16-7p			1				1	1			
STEINAKER TRAIL	250+02.00	37.50 RT	Trail Crossing	W11-15						1	1	1			
STEINAKER TRAIL	250+02.00	37.50 RT	Diagnal Arrow	W16-7p			1				1	1			
STEINAKER TRAIL	250+25.00	9.50 RT	Guide Sign	D1-1	1						1	1			
STEINAKER TRAIL	250+25.40	274.00 RT	Trail Crossing	W11-15						1	1	1			
STEINAKER TRAIL	250+25.40	274.00 RT	Ahead	W16-9p				1			1	1			
STEINAKER TRAIL	275+75.00	9.50 RT	Guide Sign	D1-1	1						1	1			
TOTAL					4	5	4	3	5	4	23	23	14	14	

MISCELLANEOUS SUMMARY				
LINE	MOBILIZATION	TRAFFIC CONTROL	SURVEY	REMARKS
	LUMP	LUMP	LUMP	
500 N & STEINAKER TRAIL	1	1	1	
TOTAL	1	1	1	

UTN: STEINAKER SERVICE

CANAL TRAIL - PHASE ONE

S-TR03(2)

SUMMARY SHEET

PROJECT

PROJECT NUMBER

21890

PN

APPROVED

PROFESSIONAL ENGINEER

UTAH DEPARTMENT OF TRANSPORTATION

SUNRISE ENGINEERING

DRAWN BY

QC CHECKED BY

AW

JDS

4/6/2026

DATE

REVISIONS

NO.

DATE

APPROVED BY

REMARKS

SHEET NO.

SM-03

SURFACING SUMMARY																			
LINE	STATION		LENGTH	BASE COURSES						HOT MIX ASPHALT								EMULSIFIED ASPHALT (TACK) CSS-1 0.08 GAL/YD²	Remarks
				GRANULAR BORROW (PLAN QUANTITY)			UNTREATED BASE COURSE 3/4" OR 1" MAX (PLAN QUANTITY)			HMA - BIKE/PED PATH 3/8" (PG 64-34)				HMA - 1/2" (PG 64-34)					
	FROM	TO	FEET	AVG WIDTH FEET	DEPTH IN	VOL YD³	AVG WIDTH FEET	DEPTH IN	VOL YD³	AVG WIDTH FEET	DEPTH IN	VOL FT³	TON	AVG WIDTH FEET	DEPTH IN	VOL FT³	TON	TON	
500 N TRAIL	99+99.86	102+10.53	211				14	8	73	12	3.5	737	56				-	0.1	
500 N TRAIL	102+50.31	105+05.19	255				14	8	88	12	3.5	893	68				-	0.1	
500 N TRAIL	105+05.19	107+31.51	226				12	8	67	12	3.5	791	60				-	0.1	
500 N TRAIL	107+31.51	122+65.50	1,534				16	8	606	12	3.5	5,369	408				-	0.7	
500 N TRAIL	123+27.50	123+95.65	68				16	8	27	12	3.5	238	18				-	0.0	
500 N TRAIL	105+05.19	107+31.51	226	2	16	22	2	8	11					2	7	264	20	0.0	
STEINAKER TRAIL	200+28.10	209+91.87	964				12	8	286	12	3.5	3,376	257				-	0.4	
STEINAKER TRAIL	210+40.98	219+38.66	898				12	8	266	12	3.5	3,129	238				-	0.4	
STEINAKER TRAIL	223+49.53	249+04.92	2,555				12	8	757	12	3.5	9,056	688				-	1.1	
STEINAKER TRAIL	249+97.69	275+95.11	2,597				12	8	770	12	3.5	9,246	703				-	1.2	
TOTAL			22			3,002			2,495				20				4		

PAVEMENT MARKING PAINT SUMMARY SHEET										
	FROM		TO		4" YELLOW				PAVEMENT MARKING PAINT 12" STOP BARS, CROSS WALKS	REMARKS
					190 FT/GAL		760 FT/GAL			
					SOLID		BROKEN			
	STATION	OFFSET	STATION	OFFSET	FEET	GALLON	FEET	GALLON	FEET	
500 N TRAIL	103+35.15	0.00 RT	123+95.68	0.00 RT			2060.53	2.71	-	3 FT STRIPE WITH 9 FT GAP
500 N TRAIL	99+99.86	0.00 RT	103+35.15	0.00 RT	335.29	1.76			-	4" SOLID YELLOW LINE
STEINAKER TRAIL	200+27.67	0.00 RT	209+91.87	0.00 RT			964.20	1.27	-	3 FT STRIPE WITH 9 FT GAP
STEINAKER TRAIL	209+91.87	0.00 RT	210+40.99	6.00 LT					49.12	PARALLEL CROSSWALK
STEINAKER TRAIL	210+40.99	0.00 RT	213+33.43	0.00 RT			292.44	0.38	-	3 FT STRIPE WITH 9 FT GAP
STEINAKER TRAIL	213+33.43	0.00 RT	213+52.43	0.00 RT			0.00	0.00	19.00	PARALLEL CROSSWALK
STEINAKER TRAIL	213+52.43	0.00 RT	218+50.00	0.00 RT			497.57	0.65	-	3 FT STRIPE WITH 9 FT GAP
STEINAKER TRAIL	218+50.00	0.00 RT	219+29.95	15.73 RT	81.48	0.43				
STEINAKER TRAIL	219+40.15	22.53 RT	219+95.26	18.00 RT					62.00	PARALLEL CROSSWALK
STEINAKER TRAIL	223+49.53	0.00 RT	237+00.00	0.00 RT			1350.47	1.78	-	3 FT STRIPE WITH 9 FT GAP
STEINAKER TRAIL	237+00.00	0.00 RT	239+50.00	0.00 RT	250.00	1.32			-	
STEINAKER TRAIL	239+50.00	0.00 RT	248+20.00	0.00 RT			870.00	1.14	-	3 FT STRIPE WITH 9 FT GAP
STEINAKER TRAIL	248+20.00	0.00 RT	249+03.24	0.00 RT	83.24	0.44				
STEINAKER TRAIL	249+22.36	20.15 RT	249+81.91	30.31 RT					68.50	PARALLEL CROSSWALK
STEINAKER TRAIL	250+04.41	0.00 RT	250+80.00	0.00 RT	75.59	0.40				
STEINAKER TRAIL	250+80.00	0.00 RT	275+95.11	0.00 RT			2515.11	3.31	-	3 FT STRIPE WITH 9 FT GAP
TOTAL (2 APPLICATIONS)					825.60	8.69	8550.32	22.50	198.62	

EARTHWORK SUMMARY										
LINE	STATION		LENGTH	ROADWAY EXCAVATION (PLAN QUANTITY)	ROADWAY EXCAVATION X*	EMBANKMENT*	BORROW	STRIP AND STOCKPILE SALVAGED TOPSOIL (PLAN QUANTITY)	SPREAD SALVAGED TOPSOIL (PLAN QUANTITY)	REMARKS
					0.87					
	FROM	TO	FEET	CU YD	CU YD	CU YD	CU YD	SQ YD	SQ YD	
500 N TRAIL	99+99.86	123+95.68	2395.82	300	261	1231	971	225	225	
STEINAKER TRAIL	200+00.00	275+95.11	7595.11	917	798	2788	1990	675	675	
TOTAL				1,217	1,059	4,019	2,961	900	900	
* FOR INFORMATION ONLY										

UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVIEWS		
CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING				
PROJECT	S-TR03(2)		APPROVED		DRAWN BY	AW
PROJECT NUMBER	PIN 21890		PROFESSIONAL ENGINEER		QC CHECKED BY	JDS
SUMMARY SHEET			DATE 4/6/2026		NO.	DATE
					APPROVED BY	REMARKS

REMOVAL SUMMARY SHEET

LINE	FROM		TO		REMOVE TREE	REMOVE CONCRETE CURB	REMOVE PIPE	REMOVE FENCE	REMOVE GATE	REMOVE PIPE END SECTION	REMOVE ASPHALT PAVEMENT	REMARKS
	STATION	OFFSET	STATION	OFFSET	EACH	LIN FEET	LIN FEET	LIN FEET	EACH	EACH	SQ YARD	
500 N TRAIL	99+98.52	5.01 RT	101+96.22	10.05 RT		198						CONCRETE CURB
500 N TRAIL	100+92.27	35.65 RT	100+96.39	31.27 RT		6						CONCRETE CURB
500 N TRAIL	102+83.40	9.87 RT	104+94.23	6.00 RT		211						CONCRETE CURB
500 N TRAIL	103+06.30	23.83 RT	103+16.31	23.67 RT		10						CONCRETE CURB
500 N TRAIL	102+10.52	6.00 RT	102+65.57	16.57 RT				56				UBTECH FENCE
500 N TRAIL	105+05.09	15.86 RT	107+31.16	21.19 RT				250				PRACTICE FIELD FENCE
500 N TRAIL	107+32.43	2.33 RT	122+10.63	9.23 RT				1492				ROW FENCE
500 N TRAIL	123+46.35	7.40 LT	123+95.52	2.00 LT				65				ROW FENCE
500 N TRAIL	121+27.72	5.95 LT			1							TREE
500 N TRAIL	121+53.19	3.57 LT			1							TREE
500 N TRAIL	121+58.59	5.14 LT			1							TREE
500 N TRAIL	121+62.92	0.47 LT			1							TREE
500 N TRAIL	122+38.78	5.07 RT			1							TREE
500 N TRAIL	122+42.35	9.01 RT			1							TREE
500 N TRAIL	122+74.82	9.44 RT	123+18.28	9.28 RT			47					PIPE
500 N TRAIL	122+74.82	9.44 RT								1		PIPE HEADWALL
500 N TRAIL	123+18.28	9.28 RT								1		PIPE HEADWALL
STEINAKER TRAIL	200+44.73	9.00 RT	200+91.95	9.00 RT				47				ROW FENCE
STEINAKER TRAIL	203+08.18	9.00 RT	208+66.27	9.00 RT				558				ROW FENCE
STEINAKER TRAIL	208+98.80	9.00 RT	209+51.45	9.00 RT				53				ROW FENCE
STEINAKER TRAIL	210+00.30	0.00 RT	210+30.11	0.00 RT							46	DRIVEWAY
STEINAKER TRAIL	211+02.95	9.00 RT	213+25.07	7.19 LT				222				ROW FENCE
STEINAKER TRAIL	213+35.13	0.00 RT	213+50.38	0.00 RT							24	DRIVEWAY
STEINAKER TRAIL	213+69.43	9.36 LT	215+80.01	7.93 LT				211	1			ROW FENCE
STEINAKER TRAIL	216+53.07	4.76 LT	219+10.89	0.59 LT				258				ROW FENCE
STEINAKER TRAIL	220+24.29	3.83 LT	221+79.70	9.00 RT				155	1			ROW FENCE
STEINAKER TRAIL	222+63.92	9.00 RT	222+97.73	9.00 RT				34				ROW FENCE
STEINAKER TRAIL	223+52.84	9.00 RT	223+69.54	7.67 RT				17				ROW FENCE
STEINAKER TRAIL	224+00.44	6.62 RT	224+81.11	9.00 RT				81				ROW FENCE
STEINAKER TRAIL	225+32.77	2.54 LT								1		PIPE HEADWALL
STEINAKER TRAIL	238+27.15	9.00 RT	242+25.92	1.27 RT				399				ROW FENCE
STEINAKER TRAIL	242+13.28	0.00 RT								1		PIPE HEADWALL
STEINAKER TRAIL	242+42.10	1.48 RT	248+86.25	4.96 LT				661	1			ROW FENCE
STEINAKER TRAIL	248+88.79	9.00 RT	248+86.29	7.50 LT				14				ROW FENCE
STEINAKER TRAIL	250+17.65	1.96 LT	256+23.20	9.00 RT				606	1			ROW FENCE
STEINAKER TRAIL	254+43.30	5.30 RT								1		PIPE HEADWALL
STEINAKER TRAIL	256+42.43	9.30 RT								1		PIPE HEADWALL
STEINAKER TRAIL	267+91.32	22.28 RT								1		PIPE HEADWALL
TOTAL					6	425	47	5,177	4	7	70	

GENERIC SUMMARY SHEET

[illegible][illegible]

6-APR-2026 D:\N_Files\pwr\udot\paw.bentley.com\udot\paw-01\Documents\UDOT Projects\Region 3 Projects\21890_UTN_STEINAKER_SERVICE_CANAL_TRAIL-1-PHASE ONE\Roadway Design\21890_SM-06_Summary.dgn

DRAINAGE SYSTEMS													
LINE	FROM		TO		ID #	DRAINAGE PIPE- 15 INCH, SMOOTH, LEAK- RESISTANT	DRAINAGE PIPE- 18 INCH, SMOOTH, LEAK- RESISTANT	DRAINAGE PIPE- 30 INCH, SMOOTH, LEAK- RESISTAN T	CIRCULAR END SECTION 15 INCH	CIRCULAR END SECTION 30 INCH	SMALL STRUCTURES		REMARKS
	STATION	OFFSET	STATION	OFFSET		FT	FT	FT	EA	EA	CONCRETE DRAINAGE STRUCTURE 3 FT WIDE X5 FT DEEP CB 5	CONCRETE DRAINAGE STRUCTURE MANHOLE SUMP - 6 FOOT DIAMETER X 9 FT DEEP	
500 NORTH	107+35.27	8.10 LT			CB 02-01						1		
500 NORTH	107+35.27	8.10 LT	107+42.56	10.03 RT	P 02-01		19.0						
500 NORTH	107+42.56	11.93 RT									1		
STEINAKER TRAIL	225+32.77	2.54 LT	225+36.05	22.01 LT	P 08-02			17.6					
STEINAKER TRAIL	225+35.70	19.93 LT			ES 08-02					1			
STEINAKER TRAIL	242+13.28	0.00 RT	242+13.28	13.44 LT	P 10-03	13.4							
STEINAKER TRAIL	242+13.28	13.44 LT			ES 10-03				1				
STEINAKER TRAIL	254+43.30	5.30 RT	254+39.99	8.00 LT	P 12-04	13.3							
STEINAKER TRAIL	254+39.99	8.00 LT			ES 12-04				1				
STEINAKER TRAIL	256+42.43	9.30 RT	256+43.96	9.82 LT	P 12-05	22.6							
STEINAKER TRAIL	256+43.96	9.82 LT			ES 12-05				1				
STEINAKER TRAIL	267+91.32	22.28 RT	267+91.28	9.71 LT	P 13-06	32.0							
STEINAKER TRAIL	267+91.28	9.71 LT			ES 13-06				1				
STEINAKER TRAIL	273+07.62	9.00 RT			ES 14-07				1				
STEINAKER TRAIL	273+07.62	25.50 LT			ES 14-08				1				
STEINAKER TRAIL	273+07.62	9.00 RT	273+07.62	25.50 LT	P 14-07	34.5							
TOTAL						116	19	18	6	1	1	1	

UDOT ROADWAY SEED SCHEDULE - ANNUAL AVERAGE PRECIPITATION RATE OF 8-12"									
GRASS OR FORB	SPECIES NAME		NUMBER OF SEEDS PER POUND (LBS)	DRILL SEED			BROADCAST SEED		
	BOTANICAL NAME	COMMON NAME		POUNDS OF PURE LIVE SEED(PLS)/ACRE	PERCENTAGE OF SEED MIXTURE	NUMBER OF SEEDS (PLS/SQ. FOOT)	POUNDS OF PURE LIVE SEED (PLS)/ACRE	PERCENTAGE OF SEED MIXTURE	NUMBER OF SEEDS (PLS/SQ FOOT)
	GRASS SPECIES								
G	ACHNATHERUM HYMENOIDES	INDIAN RICEGRASS	141000	2.10	9.27%	7	3.15	9.27%	10
G	BOUTELOUA CURTIPENDULA	SIDEOATS GRAMA	191000	1.00	5.98%	4	1.50	5.98%	7
G	BOUTELOUA GRACILIS	BLUE GRAMA	825000	0.30	7.75%	6	0.45	7.75%	9
G	ELYMUS ELYMOIDES	BOTTLEBRUSH SQUIRRELTAIL	192000	1.50	9.01%	7	2.25	9.01%	10
G	ELYMUS TRACHYCAULUS SSP. TRACHYCAULUS	SLENDER WHEATGRASS	159000	2.40	11.94%	9	3.60	11.94%	13
G	ELYMUS WAWAIIENSIS	SNAKE RIVER WHEATGRASS	120000	2.50	9.39%	7	3.75	9.39%	10
G	PLEURAPHIS JAMESII	GALLETA GRASS	159000	2.00	9.95%	7	3.00	9.95%	11
G	SPOROBOLUS AIROIDES	ALKALI SACATON	1758000	0.15	8.25%	6	0.23	8.25%	9
G	SPOROBOLUS CRYPTANDRUS	SAND DROPSEED	5298000	0.05	8.29%	6	0.08	8.29%	9
				12.00	79.83%	59	18.00	79.83%	88
	FORB SPECIES								
F	PENSTEMON PALMERI	PALMER PENSTEMON	610000	0.40	7.64%	6	0.60	7.64%	8
F	OENOTHERA SPECIOSA	SHOWY EVENING PRIMROSE	2500000	0.10	7.83%	6	0.15	7.83%	9
F	SPHAERALCEA AMBIGUA	DESERT GLOBEMALLOW	500000	0.30	4.70%	3	0.45	4.70%	5
				0.80	20.17%	15	1.20	20.17%	22
TOTALS=				12.80	100.00%	74	19.20	100.00%	110

UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS			
PROJECT NUMBER	CANAL TRAIL - PHASE ONE	SUNRISE ENGINEERING		DRAWN BY AW	DATE		
		APPROVED					
S-TR03(2)		4/6/2026		JDS			
SUMMARY SHEET		PROFESSIONAL ENGINEER		CHECKED BY QC			
				APPROVED BY			
				REMARKS			
SHEET NO.		SM-06					

*UNTREATED BASE COURSE QUANTITIES IS FOR INFORMATION ONLY

SHEET NO. SM-07

SIGN CODE LEGEND:
N - NEW SIGN
R - RELOCATE SIGN
X - REMOVE SIGN

LEGEND:
X.X-X
SIGN CODE
SIGN NUMBER
SHEET NUMBER

STRIPING KEY:
SYL - SOLID YELLOW LINE
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

- LEGEND:**
- TRAIL PAVEMENT
 - CONCRETE SIDEWALK REQ'D
 - DECORATIVE CONCRETE, 4 INCH THICK, LIGHT BROWN REQ'D
 - THICKENED EDGE SIDEWALK REQ'D
 - CONTRACTOR FURNISHED TOP SOIL REQ'D, TURF SOD REQ'D
 - LANDSCAPING ROCK REQ'D, CLEARING AND GRUBBING REQ'D

PAVEMENT MARKING PAINT REQ'D

500' N TRAIL
(4" DTYL)
103+35.15 RT 0.00 TO
MATCHLINE RT 0.00
(4" SYL)
99+99.86 RT 0.00 TO
103+35.15 RT 0.00

CONCRETE SIDEWALK REQ'D

500' N TRAIL
100+67.52 RT 6.00 TO
101+25.99 RT 65.89
103+09.60 RT 98.42 TO
103+11.71 RT 6.00

REMOVE FENCE REQ'D

500' N TRAIL
102+10.52 RT 6.00 TO
102+65.57 RT 16.57

DECORATIVE FENCE REQ'D

500' N TRAIL
102+10.52 RT 6.00 TO
102+65.57 RT 16.57

REMOVE CONCRETE CURB REQ'D

500' N TRAIL
99+98.52 RT 5.01 TO
101+96.22 RT 10.05
100+92.27 RT 35.65 TO
100+96.39 RT 31.27
102+83.40 RT 9.87 TO
MATCHLINE RT 3.85
103+06.30 RT 23.83 TO
103+16.31 RT 23.87

SIGN TYPE A-1, 18 INCH X 18 INCH REQ'D

500' N TRAIL
[1.2-N] 100+93.50 RT 9.00
[1.3-N] 100+93.50 RT 9.00

RESTORE SPRINKLER SYSTEM REQ'D

500' N TRAIL
99+99.86 RT 6.00 TO
MATCHLINE RT 6.00

REMOVE STOCKPILE AND REPLACE LANDSCAPE ROCK REQ'D

500' N TRAIL
99+99.86 RT 6.00 TO
MATCHLINE RT 6.00

DECORATIVE CONCRETE REQ'D

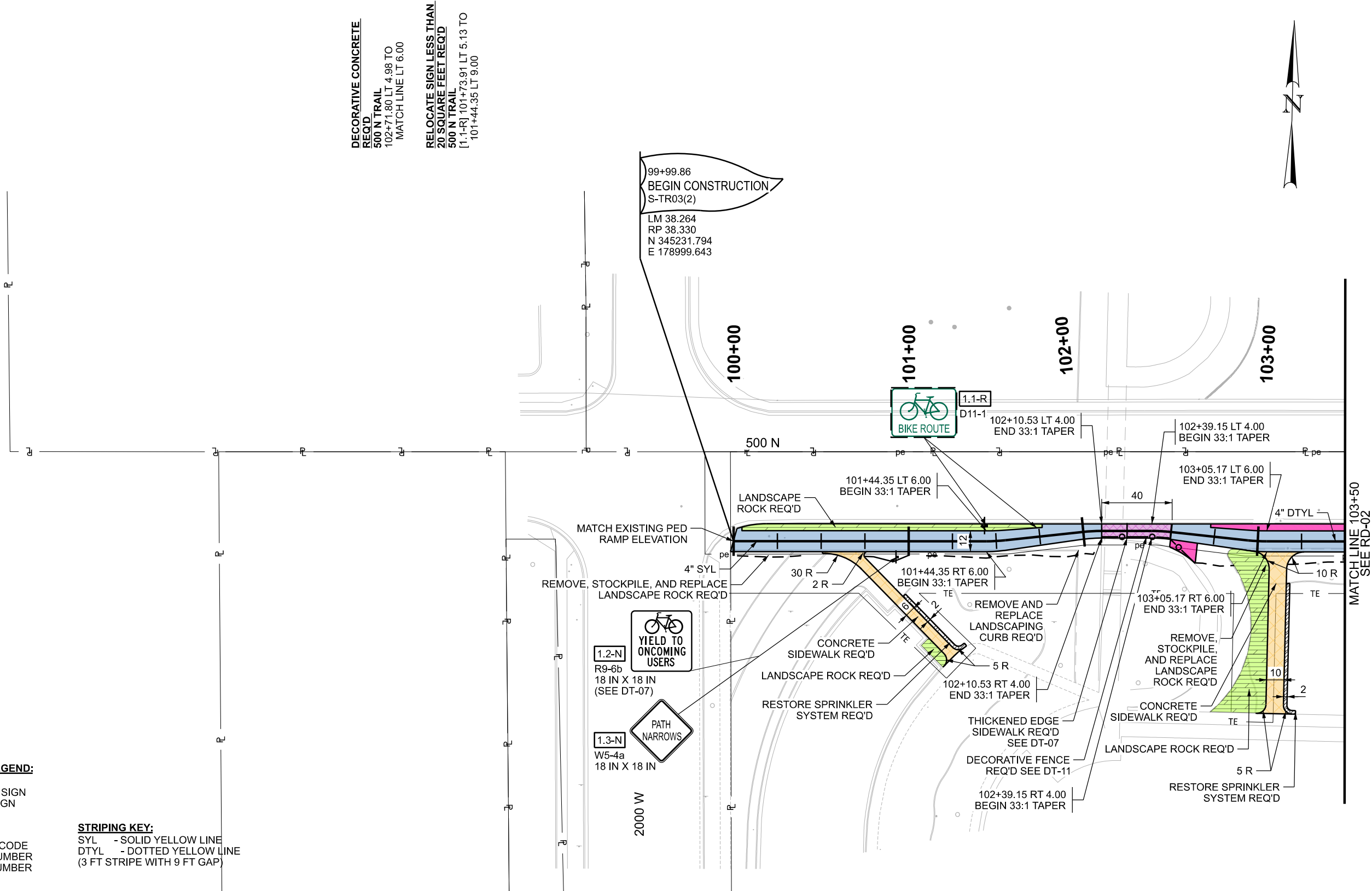
500' N TRAIL
102+50.31 RT 4.19 TO
102+65.80 RT 4.72

REMOVE AND REPLACE LANDSCAPING CURB REQ'D

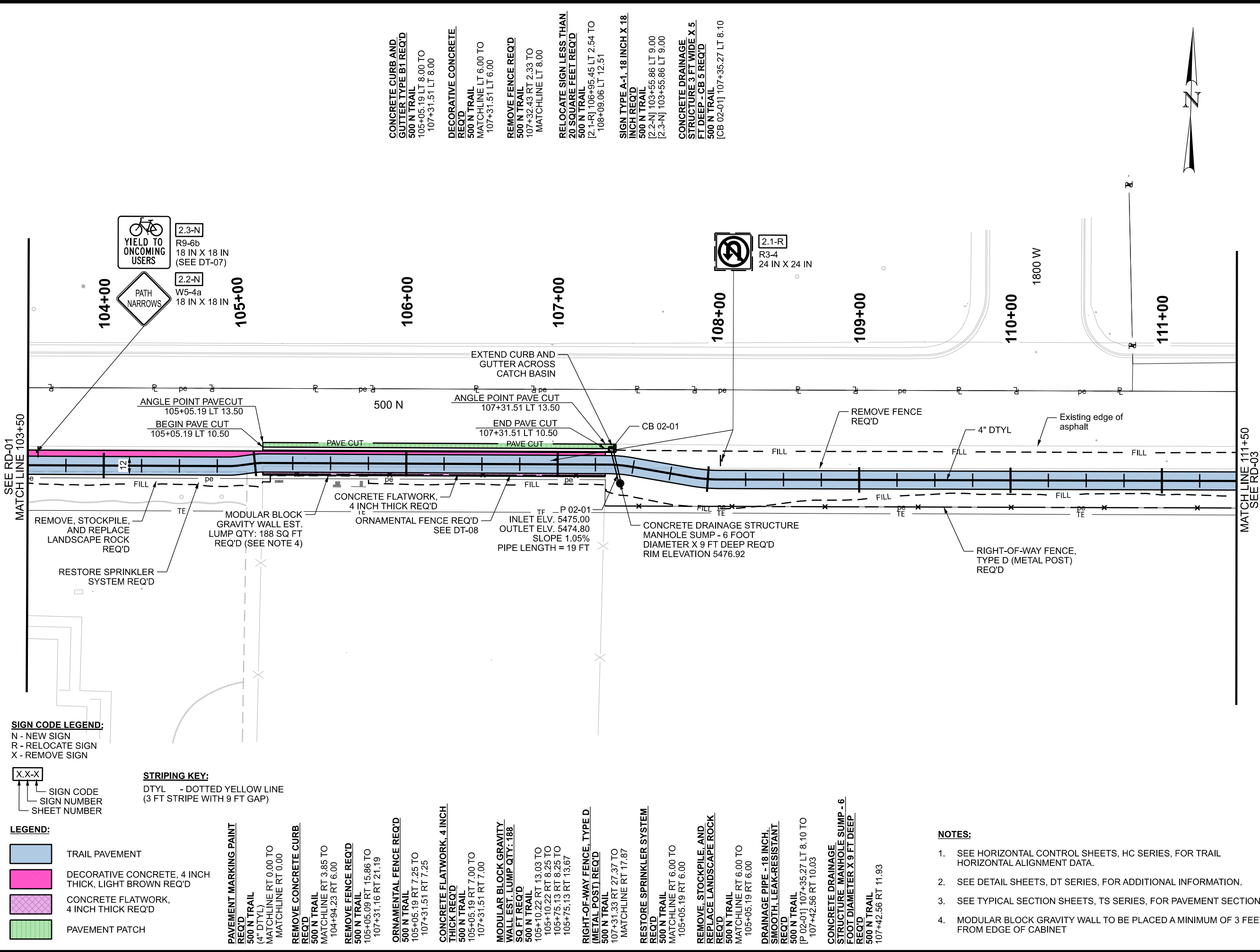
500' N TRAIL
101+66.24 RT 7.35 TO
101+95.83 RT 12.77

NOTES:

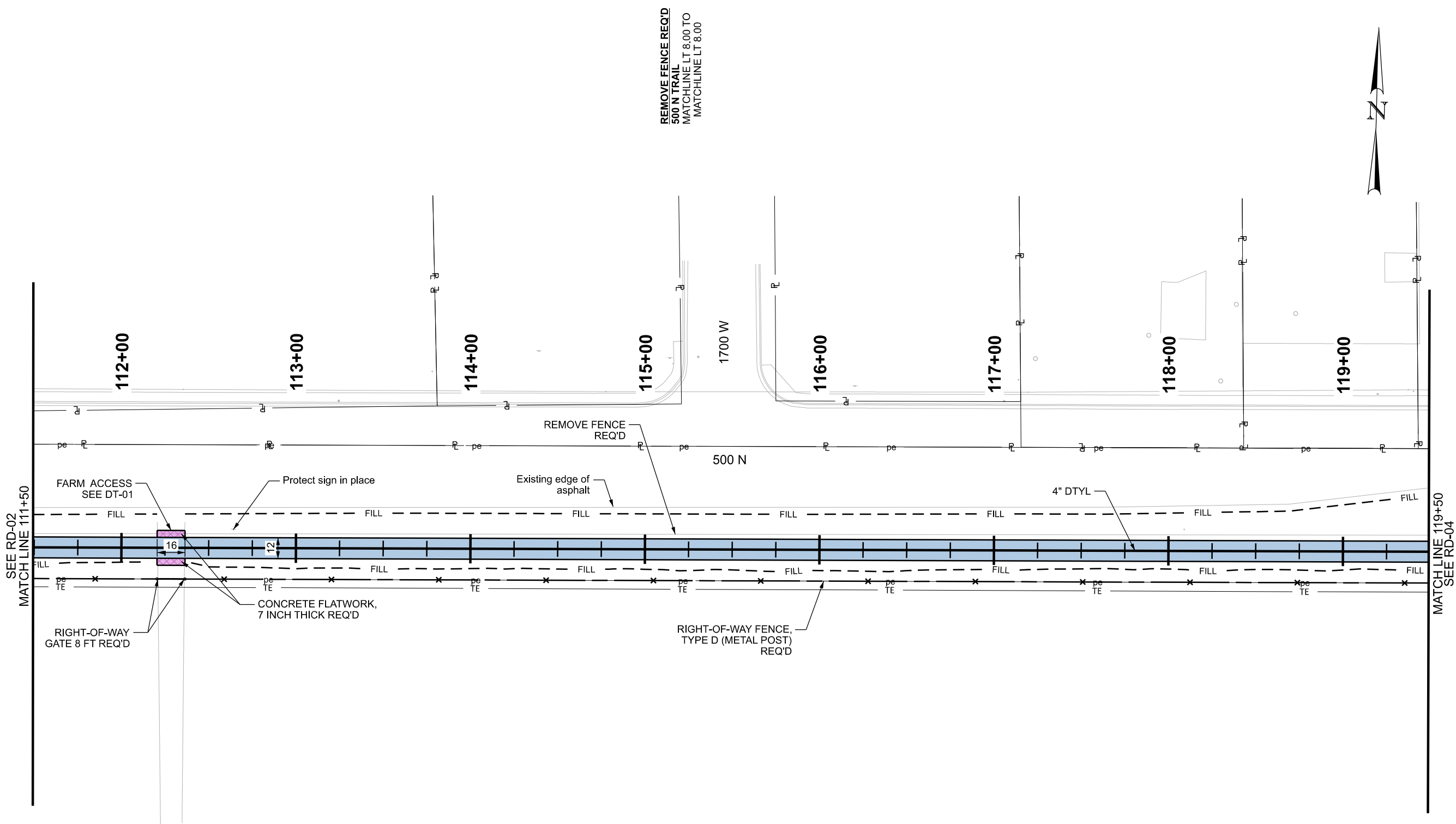
- SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
- SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
- SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS.



UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING							
PROJECT NUMBER	S-TR03(2)		APPROVED		DRAWN BY		DRS		
	ROADWAY		PROFESSIONAL ENGINEER		QC CHECKED BY		RMP		
				APRIL 6, 2026					
				DATE					
						NO.		DATE	
						APPROVED BY			
								REMARKS	



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SIGN CODE LEGEND:
N - NEW SIGN
R - RELOCATE SIGN
X - REMOVE SIGN

LEGEND:
[Blue Box] TRAIL PAVEMENT
[Pink Box] CONCRETE FLATWORK, 7 INCH THICK REQ'D

STRIPING KEY:
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

PAVEMENT MARKING PAINT REQ'D
500 N TRAIL
(4" DTYL)
MATCHLINE RT 0.00 TO
MATCHLINE RT 0.00

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D
500 N TRAIL
MATCHLINE RT 18.00 TO
112+20.43 RT 18.00
112+36.43 RT 18.00 TO
MATCHLINE RT 18.00

RIGHT-OF-WAY GATE 8 FT REQ'D
500 N TRAIL
112+20.43 RT 18.00
112+36.43 RT 18.00

- NOTES:**
- SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
 - SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
 - SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS.

UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING			
S-TR03(2)		APPROVED		DRAWN BY	
ROADWAY		PROFESSIONAL ENGINEER		QC	
		DATE		CHECKED BY	
		APRIL 6, 2026		RMP	
				NO.	
				DATE	
				APPROVED BY	
				REMARKS	

SHEET NO. RD-03



Diagram illustrating the structure of the SIGN CODE:

- SIGN CODE**: The first 'X' in the format X.X-X.
- SIGN NUMBER**: The second 'X' in the format X.X-X.
- SHEET NUMBER**: The 'X' following the hyphen in the format X.X-X.

STRIPING KEY:
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

LEGEND:

	TRAIL PAVEMENT
	CONCRETE SIDEWALK
	DECORATIVE CONCRETE THICK, LIGHT BROWN

RELOCATE SIGN LESS THAN 20 SQUARE FEET REQ'D	AGGIE BLVD
[5.1-R] 200+07.96 RT 0.32 TO	200+07.96 RT 7.50
[5.2-R] 200+79.21 LT 4.18 TO	200+78.48 RT 7.50
[5.3-R] 202+43.48 LT 4.76 TO	202+43.48 RT 7.50
[5.4-R] 203+76.34 LT 4.39 TO	203+76.34 RT 7.50
[5.5-R] 204+57.74 LT 4.09 TO	204+53.33 RT 7.50

CONCRETE SIDEWALK REQ'D

AGGIE BLVD
200+00.00 RT 6.00 TO
200+27.67 RT 6.00

PAVEMENT MARKING PAINT REQ'D

AGGIE BLVD
(4" DTYL)
200+27.67 RT 0.00 TO
206+00.00 (MATCHLINE) RT 0.00

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D

AGGIE BLVD
200+44.73 RT 9.00 TO
200+91.95 RT 9.00
203+08.18 RT 9.00 TO
206+00.00 (MATCH LINE) RT 9.00

REMOVE FENCE REQ'D

AGGIE BLVD
200+44.73 RT 9.00 TO
200+91.95 RT 9.00
203+08.18 RT 9.00 TO
206+00.00 (MATCH LINE) LT 0.45

DECORATIVE CONCRETE REQ'D

AGGIE BLVD
204+79.83 LT 7.60 TO
205+69.37 LT 7.60

NOTES:

1. SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
2. SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
3. SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING APPROVED PROFESSIONAL ENGINEER 4/6/2026 DATE DRAWN BY DBW OC CHECKED BY JDS DATE APPROVED BY REVISIONS																			
		CANAL TRAIL - PHASE ONE																					
PROJECT NUMBER		S-TR03(2)		PIN		21890																	
ROADWAY																							
RD-05																							
SHEET NO.																							

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SIGN CODE LEGEND:
N - NEW SIGN
R - RELOCATE SIGN
X - REMOVE SIGN

LEGEND:

 TRAIL PAVEMENT

 DECORATIVE CONCRETE, 4 INCH THICK, LIGHT BROWN REQ'D

STRIPING KEY:
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

PAVEMENT MARKING PAINT REQ'D
AGGIE BLVD
(4" DTYL)
206+00.00 (MATCH LINE) RT 0.00 TO
209+91.87 RT 0.00
210+40.99 RT 0.00 TO
213+33.43 RT 0.00
213+52.43 RT 0.00 TO
214+00.00 (MATCH LINE) RT 0.00

PAVEMENT MARKING PAINT (STOP LINE, CROSSWALK-12INCH) REQ'D
AGGIE BLVD
209+91.87 RT 0.00 TO
210+40.99 RT 0.00
213+33.43 RT 0.00 TO
213+52.43 RT 0.00

PERPENDICULAR / PARALLEL PEDESTRIAN ACCESS RAMP REQ'D
AGGIE BLVD
(GRAY IRON CASTING PANEL)
209+90.00 RT 0.00
210+43.00 RT 0.00

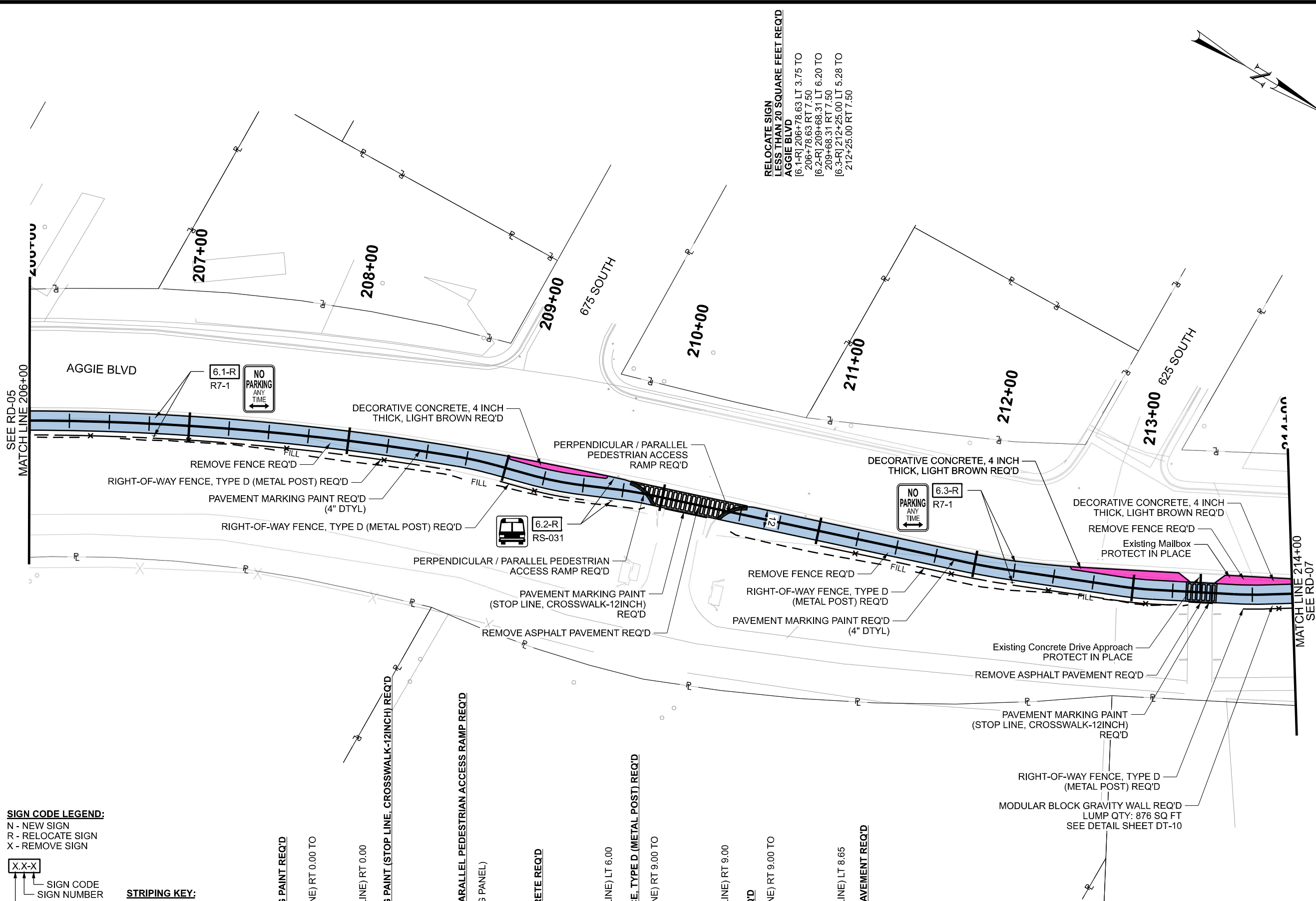
DECORATIVE CONCRETE REQ'D
AGGIE BLVD
209+00.60 LT 7.60 TO
209+64.40 LT 7.60
212+59.70 LT 7.60 TO
213+35.15 LT 6.00
213+51.25 LT 6.00 TO
214+00.00 (MATCH LINE) LT 6.00

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D
AGGIE BLVD
206+00.00 (MATCH LINE) RT 9.00 TO
208+66.27 RT 9.00
208+98.80 RT 9.00 TO
209+51.45 RT 9.00
211+02.95 RT 9.00
213+25.07 RT 9.00
213+69.43 RT 9.00
214+00.00 (MATCH LINE) RT 9.00

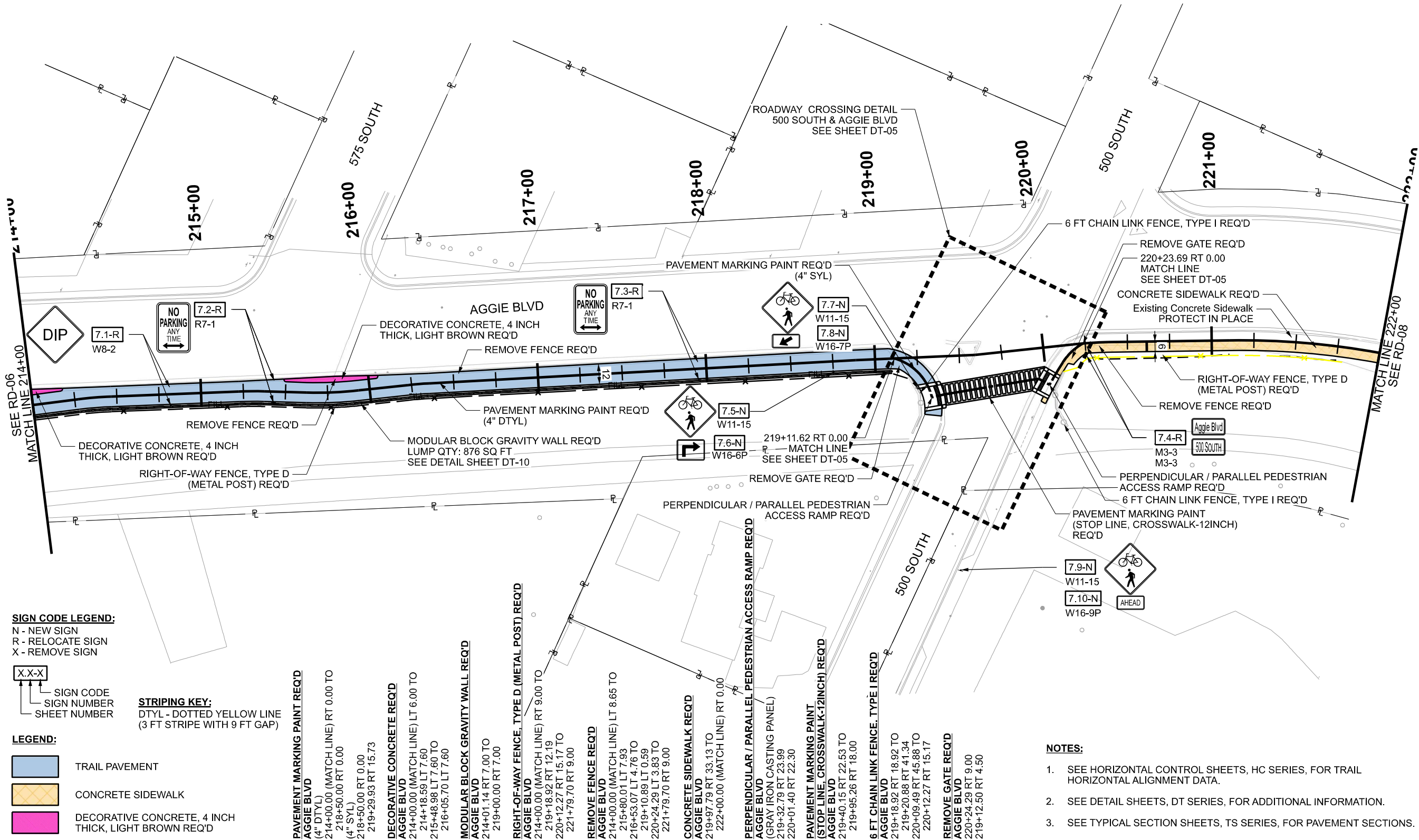
REMOVE FENCE REQ'D
AGGIE BLVD
206+00.00 (MATCH LINE) RT 9.00 TO
208+66.27 RT 9.00
208+98.80 RT 9.00 TO
209+51.45 RT 9.00
211+02.95 RT 9.00
213+25.07 LT 7.19
213+69.43 LT 9.36
214+00.00 (MATCH LINE) LT 8.65

REMOVE ASPHALT PAVEMENT REQ'D
AGGIE BLVD
210+00.30 RT 0.00 TO
210+30.11 RT 0.00
213+35.13 RT 0.00 TO
213+50.38 RT 0.00

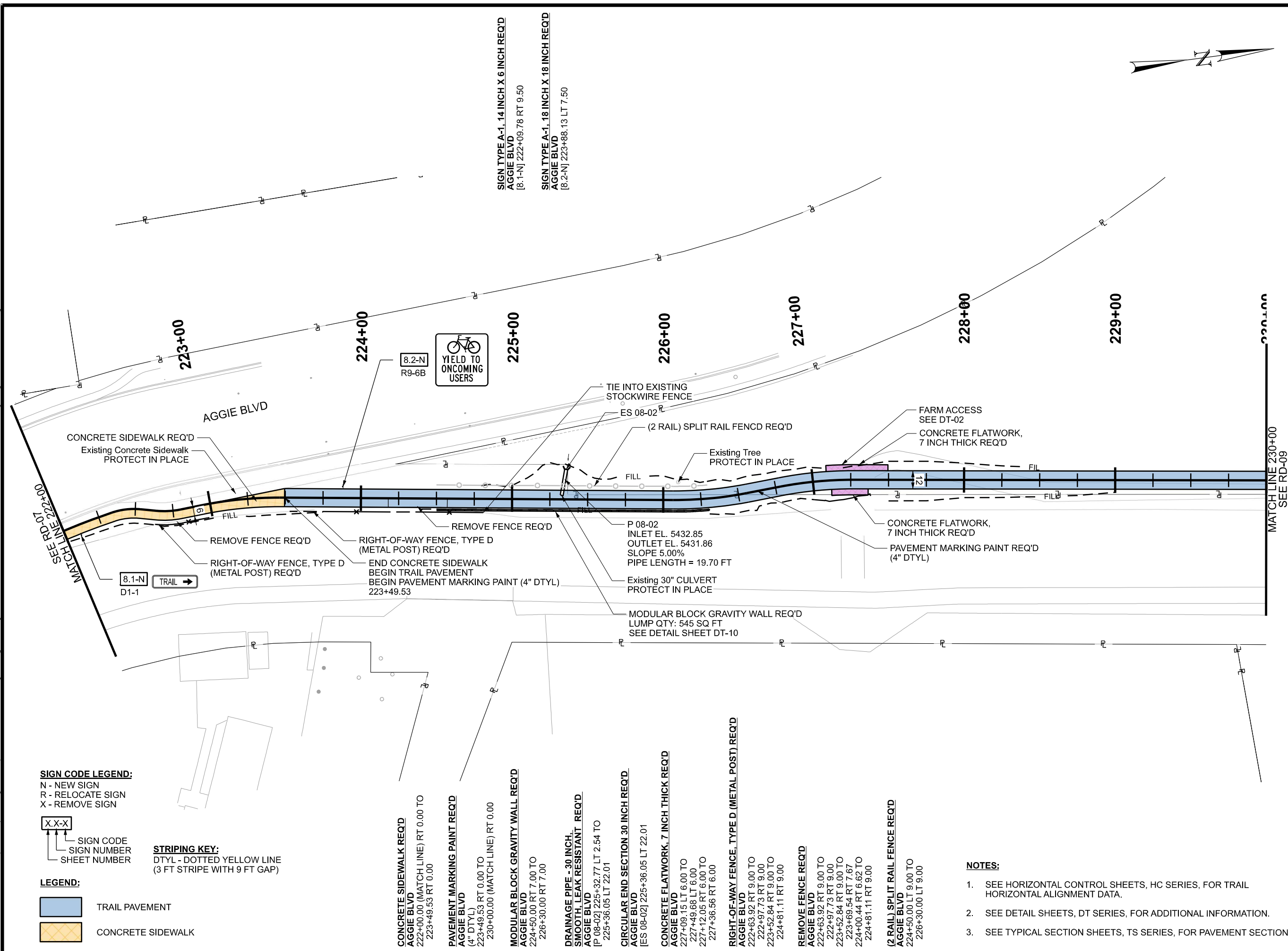
- NOTES:**
- SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
 - SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
 - SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS.

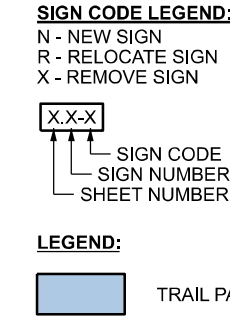


PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING				APPROVED		DRAWN BY		DBW		NO.		DATE		APPROVED BY		REMARKS	
		CANAL TRAIL - PHASE ONE								QC CHECKED BY		JDS									
PROJECT NUMBER		S-TR03(2)		PIN 21890		PROFESSIONAL ENGINEER				4/6/2026		DATE		NO.		DATE		APPROVED BY		REMARKS	
ROADWAY		ROADWAY		ROADWAY						4/6/2026		DATE									
						4/6/2026		DATE													
						4/6/2026		DATE													
						4/6/2026		DATE													
SHEET NO.				RD-06																	



PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
		CANAL TRAIL - PHASE ONE									
PROJECT NUMBER	S-TR03(2)		PIN	21890	APPROVED				DRAWN BY		DBW
	ROADWAY			QC CHECKED BY					JDS		
					PROFESSIONAL ENGINEER				DATE	4/6/2026	





STRIPING KEY:
 SYL - SOLID YELLOW LINE
 DTYL - DOTTED YELLOW LINE
 (3 FT STRIPE WITH 9 FT GAP)

PAVEMENT MARKING PAINT REQ'D	
TERRA PROPERTY	
(4" DTYL)	
2330+00.00 (MATCH LINE)	RT 0.00 TO
2338+00.00 (MATCH LINE)	RT 0.00
(4" SYL)	
2337+00.00	RT 0.00 TO
2338+00.00 (MATCH LINE)	RT 0.00

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D	
TERRA PROPERTY	
237+76.81 RT 9.00 TO	
238+00.00 (MATCH LINE) RT 9.00	

REMOVE FENCE REQ'D	REMOVE FENCE REQ'D
TERRA PROPERTY	PHILLIPS PROPERTY
231+84.17 RT 9.00 TO	238+27.37 RT 8.13 TO
231+83.23 LT 9.00	237+96.44 LT 9.00
237+76.81 RT 9.00 TO	
237+96.48 LT 9.00	

6 FT CHAIN LINK FENCE, TYPE I REQ'D
WITH PRIVACY SLATS
TERRA PROPERTY
231+74.54 LT 9.00 TO
237+96.06 LT 9.00

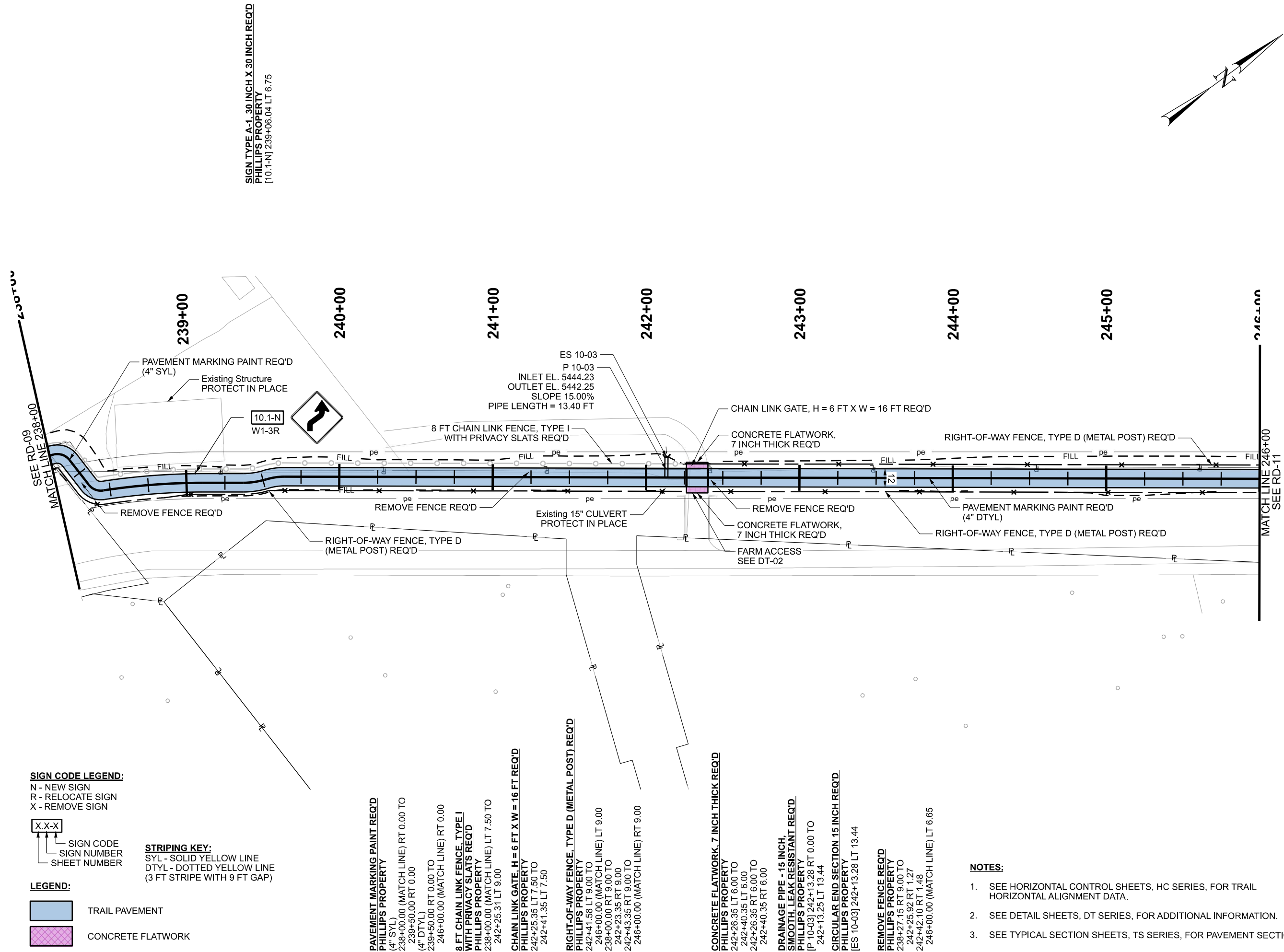
8 FT CHAIN LINK FENCE, TYPE I
WITH PRIVACY SLATS REQ'D
PHILLIPS PROPERTY
237+96.75 LT 7.50 TO
238+00.00 (MATCH LINE) LT 7.50

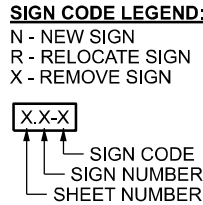
**SIGN TYPE A-1, 30 INCH X 30 INCH REQ'D
TERRA PROPERTY
[9.1-N] 237+40.88 RT 7.00**

NOTES:

1. SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
2. SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
3. SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS.

[illegible]

[illegible]



STRIPING KEY:
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

PAVEMENT MARKING PAINT REQ'D	PHILLIPS PROPERTY
248+00.00 RT 0.00 TO	(4" DTYL)
248+20.00 RT 0.00	
250+80.00 RT 0.00 TO	
254+00.00 (MATCH LINE) RT 0.00	(4" SYL)
248+00.00 RT 0.00 TO	
249+03.24 RT 0.00	
250+04.41 RT 0.00 TO	
250+80.00 RT 0.00	

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D
PHILLIPS PROPERTY
246+00.00 (MATCH LINE) LT 9.00 TO
248+86.59 LT 9.00
246+00.00 (MATCH LINE) RT 9.00 TO
248+87.61 RT 9.00
250+17.52 RT 9.00 TO
254+00.00 (MATCH LINE) RT 9.00

REMOVE FENCE REQ'D
PHILLIPS PROPERTY
246+00.00 (MATCH LINE) LT 6.65 TO
248+86.25 LT 4.96
248+86.29 LT 7.50
248+88.79 RT 9.00

PERPENDICULAR / PARALLEL PEDESTRIAN ACCESS RAMP REQ'D
MAIN STREET
(GRAY IRON CASTING PANEL)
249+03.84 RT 28.43
249+93.72 RT 29.08

PAVEMENT MARKING PAINT (STOP LINE, CROSSWALK-12 INCH) REQ'D
MAIN STREET
249+22.36 RT 20.15 TO
249+81.83 RT 30.30

6 FT CHAIN LINK FENCE, TYPE I REQ'D
248+89.36 RT 15.93 TO
248+86.40 RT 39.77
250+07.43 RT 40.42 TO
250+12.05 RT 15.88

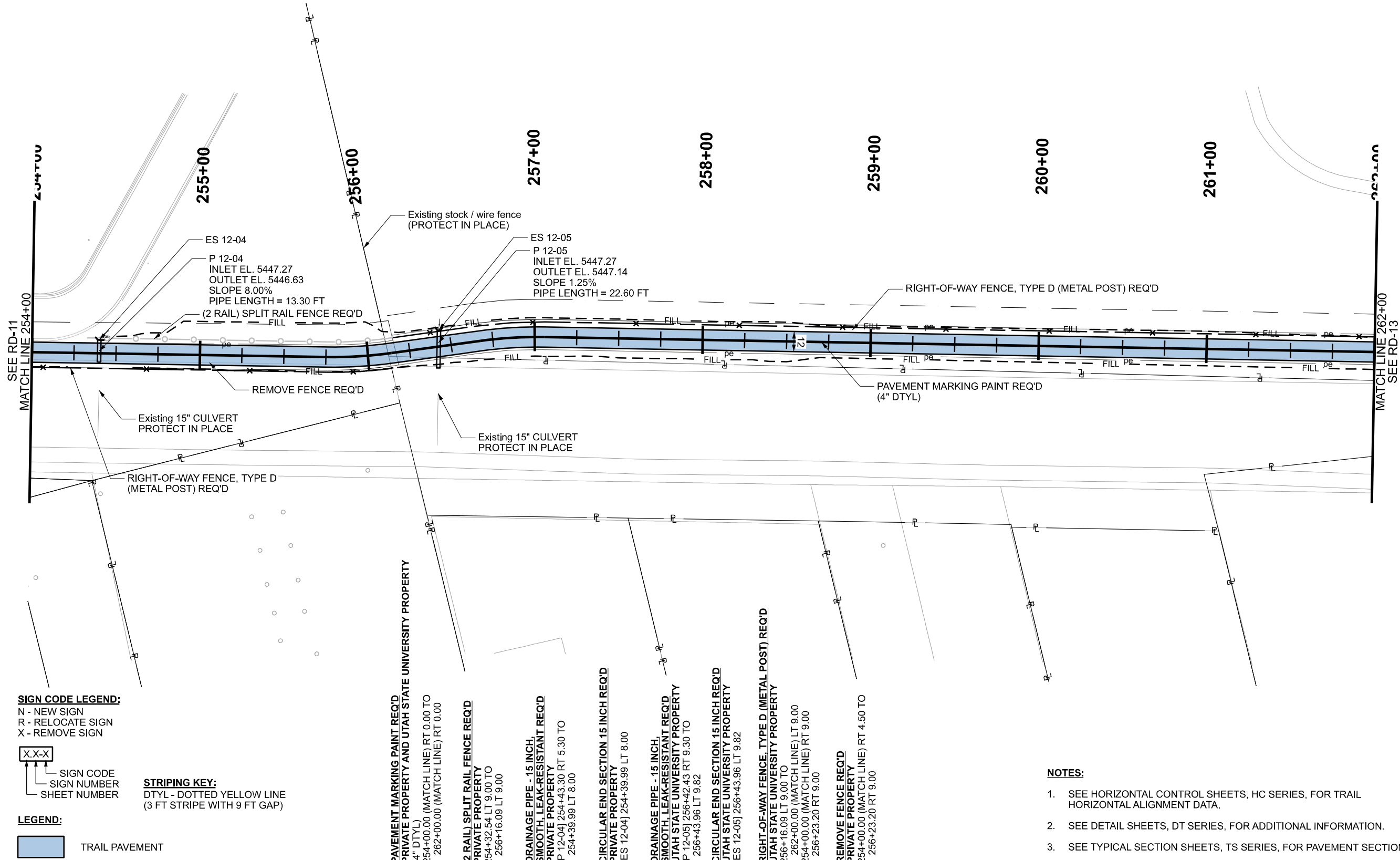
REMOVE GATE REQ'D
PRIVATE PROPERTY
248+80.00 RT 0.00
250+12.50 RT 0.00

**REMOVE FENCE REQ'D
PRIVATE PROPERTY
250+17.65 LT 1.96 TO
254+00.00 (MATCH LINE)**

- NOTES:**
1. SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
 2. SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
 3. SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS

[illegible]

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SIGN CODE LEGEND:
N - NEW SIGN
R - RELOCATE SIGN
X - REMOVE SIGN

LEGEND:
[X-X-X] SIGN CODE
[] SIGN NUMBER
[] SHEET NUMBER

STRIPING KEY:
DTYL - DOTTED YELLOW LINE
(3 FT STRIPE WITH 9 FT GAP)

PAVEMENT MARKING PAINT REQ'D
PRIVATE PROPERTY AND UTAH STATE UNIVERSITY PROPERTY
(4" DTYL)
254+00.00 (MATCH LINE) RT 0.00 TO
262+00.00 (MATCH LINE) RT 0.00

(2 RAIL) SPLIT RAIL FENCE REQ'D
PRIVATE PROPERTY
254+32.54 LT 9.00 TO
256+16.09 LT 9.00

**DRAINAGE PIPE - 15 INCH,
SMOOTH, LEAK-RESISTANT REQ'D**
PRIVATE PROPERTY
[P 12-04] 254+43.30 RT 5.30 TO
254+39.99 LT 8.00

CIRCULAR END SECTION 15 INCH REQ'D
PRIVATE PROPERTY
[ES 12-04] 254+39.99 LT 8.00

**DRAINAGE PIPE - 15 INCH,
SMOOTH, LEAK-RESISTANT REQ'D**
UTAH STATE UNIVERSITY PROPERTY
[P 12-05] 256+42.43 RT 9.30 TO
256+43.96 LT 9.82

CIRCULAR END SECTION 15 INCH REQ'D
UTAH STATE UNIVERSITY PROPERTY
[ES 12-05] 256+43.96 LT 9.82

RIGHT-OF-WAY FENCE, TYPE D (METAL POST) REQ'D
UTAH STATE UNIVERSITY PROPERTY
256+16.09 LT 9.00 TO
262+00.00 (MATCH LINE) LT 9.00
254+00.00 (MATCH LINE) RT 9.00
256+23.20 RT 9.00

REMOVE FENCE REQ'D
PRIVATE PROPERTY
254+00.00 (MATCH LINE) RT 4.50 TO
256+23.20 RT 9.00

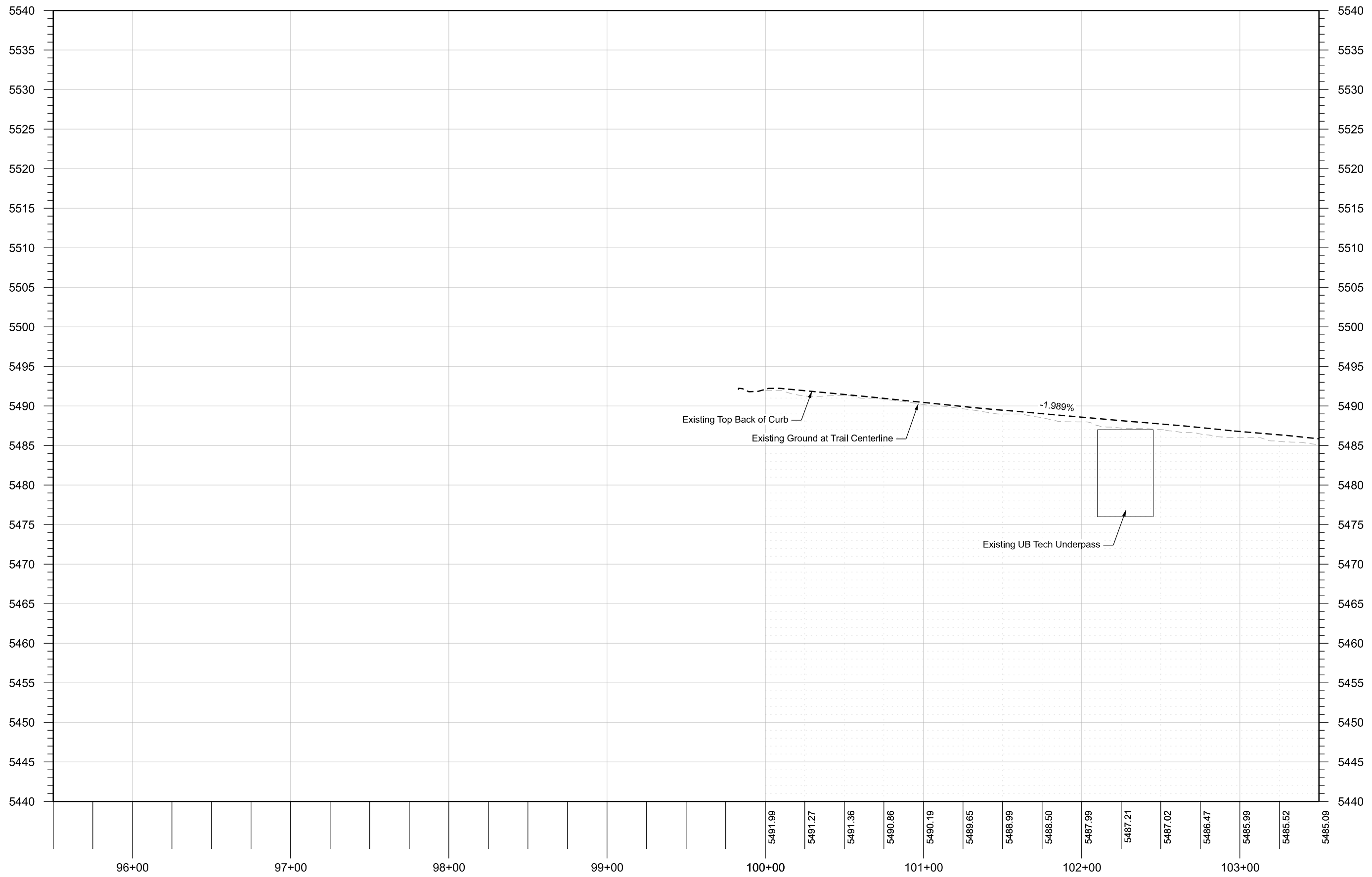
NOTES:

- SEE HORIZONTAL CONTROL SHEETS, HC SERIES, FOR TRAIL HORIZONTAL ALIGNMENT DATA.
- SEE DETAIL SHEETS, DT SERIES, FOR ADDITIONAL INFORMATION.
- SEE TYPICAL SECTION SHEETS, TS SERIES, FOR PAVEMENT SECTIONS.



PROJECT		UTN: STEINAKER SERVICE		REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE			
		S-TR03(2)			
		ROADWAY			
APPROVED		SUNRISE ENGINEERING			
		DRAWN BY DBW			
		QC CHECKED BY			
		DATE 4/6/2026			
		PROFESSIONAL ENGINEER			
		DATE			
		NO.			
		DATE			
		APPROVED BY			
		REMARKS			

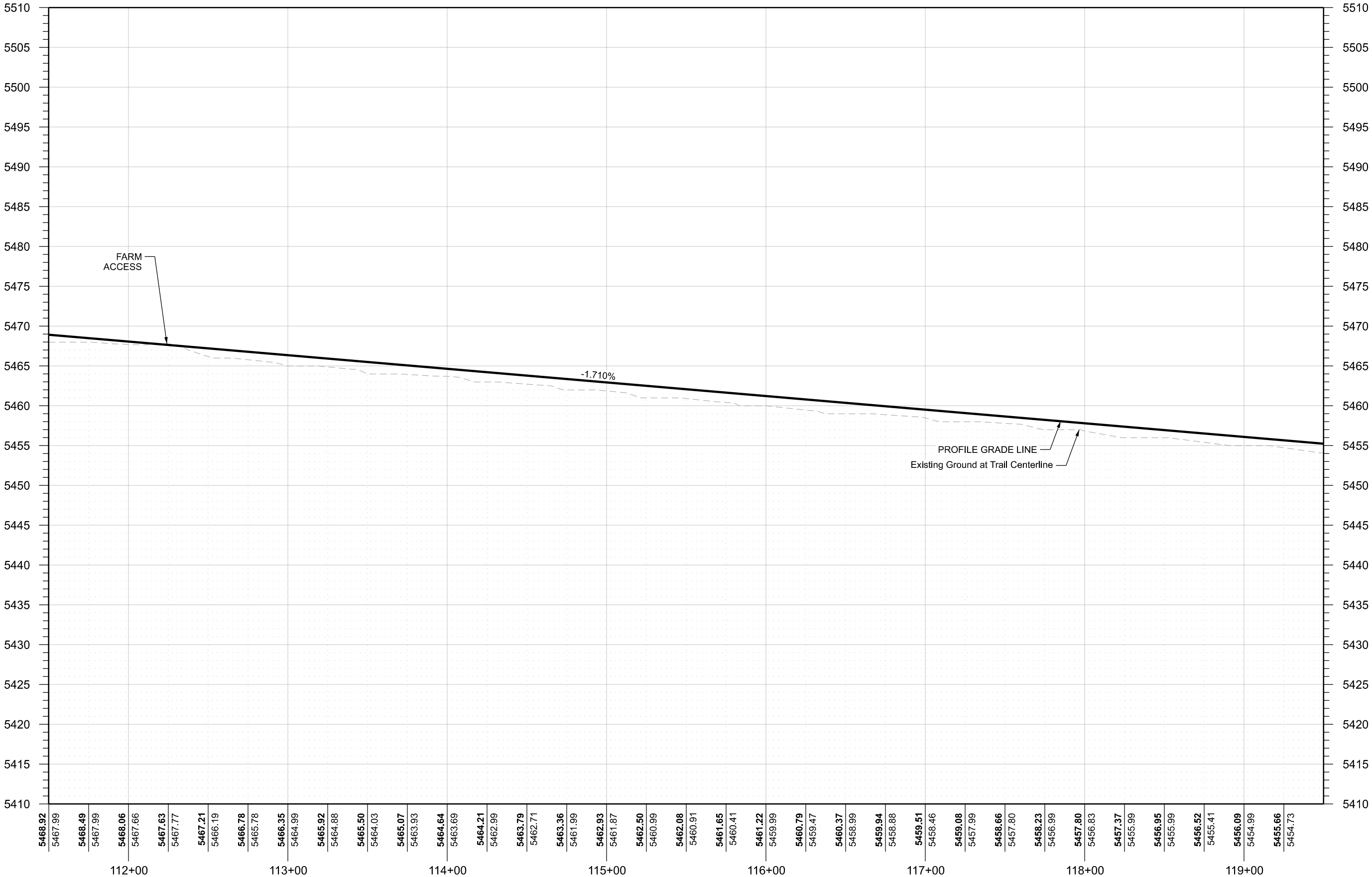
3/10/2026



500 N TRAIL

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING APPROVED  PROFESSIONAL ENGINEER _____ APRIL 6, 2026 DATE QC CHECKED BY _____ RMP										NO.		DATE		APPROVED BY		REMARKS	
PROJECT NUMBER		S-TR03(2)		PIN		21890		DRAWN BY		DRS											
		ROADWAY PROFILE												QC CHECKED BY		RMP					

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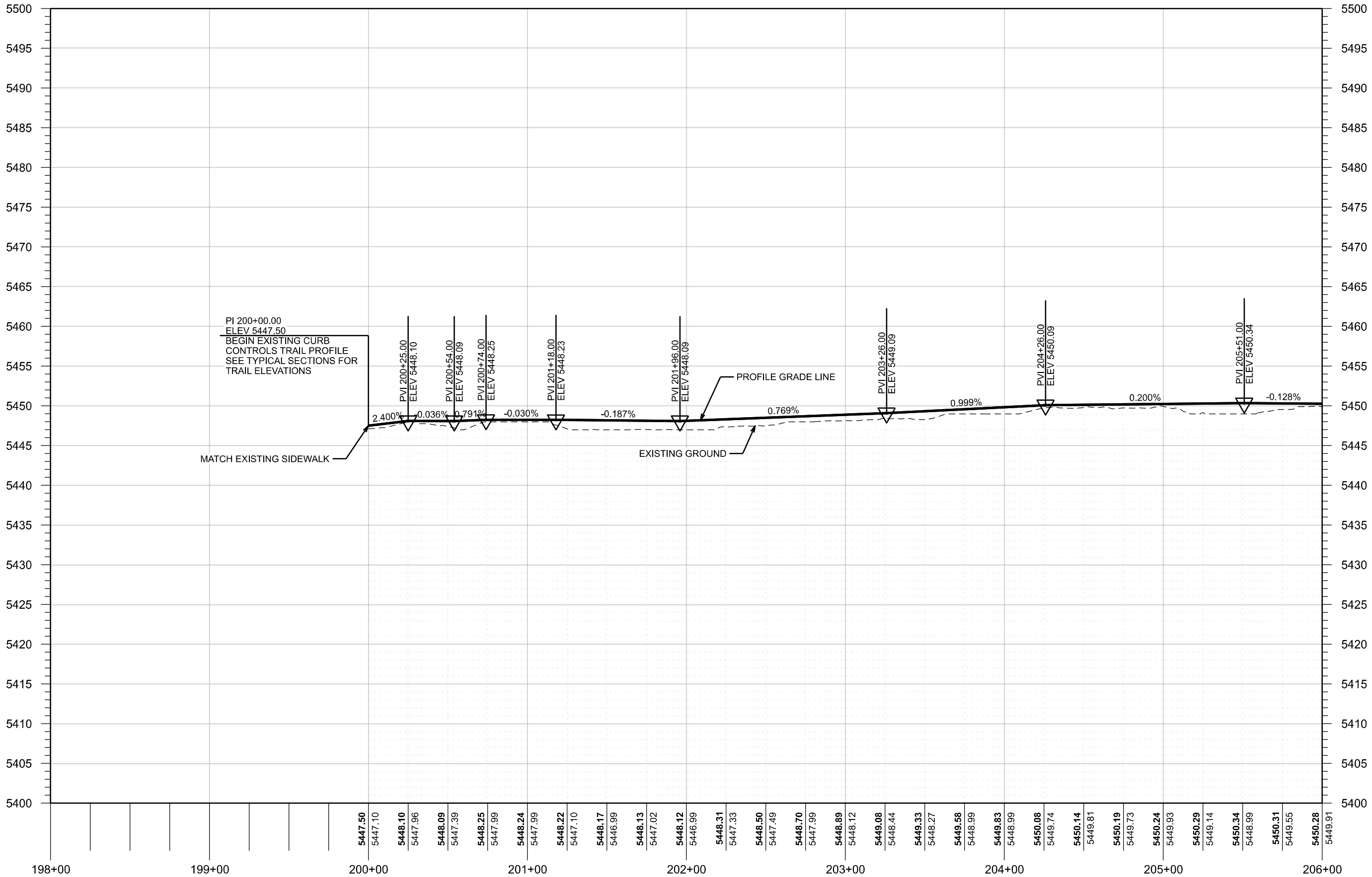
500 N TRAIL

UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
SUNRISE ENGINEERING			
APPROVED <i>[Signature]</i>		DRAWN BY DRS	
PROFESSIONAL ENGINEER		QC CHECKED BY RMP	
DATE APRIL 6, 2026		DATE	
DATE		APPROVED BY	
REMARKS			

PROJECT	UTN: STEINAKER SERVICE
PROJECT NUMBER	CANAL TRAIL - PHASE ONE
	S-TR03(2)
	ROADWAY PROFILE
	21890

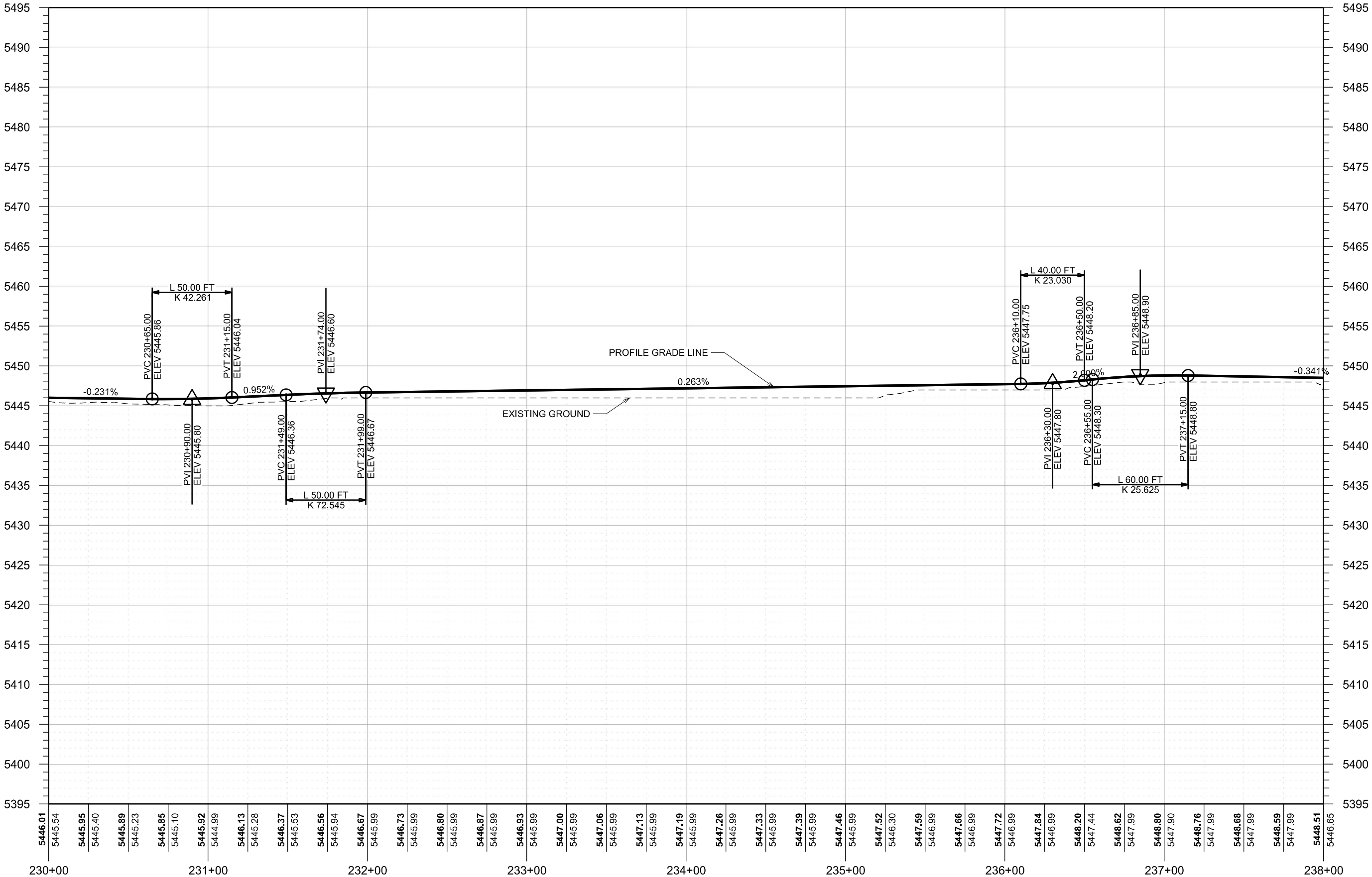
SHEET NO.	RP-03
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PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS									
		CANAL TRAIL - PHASE ONE															
PROJECT NUMBER		S-TR03(2)		PIN	21890	APPROVED		DRAWN BY		AW							
		ROADWAY PROFILE						QC CHECKED BY		JDS							
SHEET NO.		RP-05		PROFESSIONAL ENGINEER		4/6/2026		DATE		APPROVED BY		NO.		DATE		REMARKS	

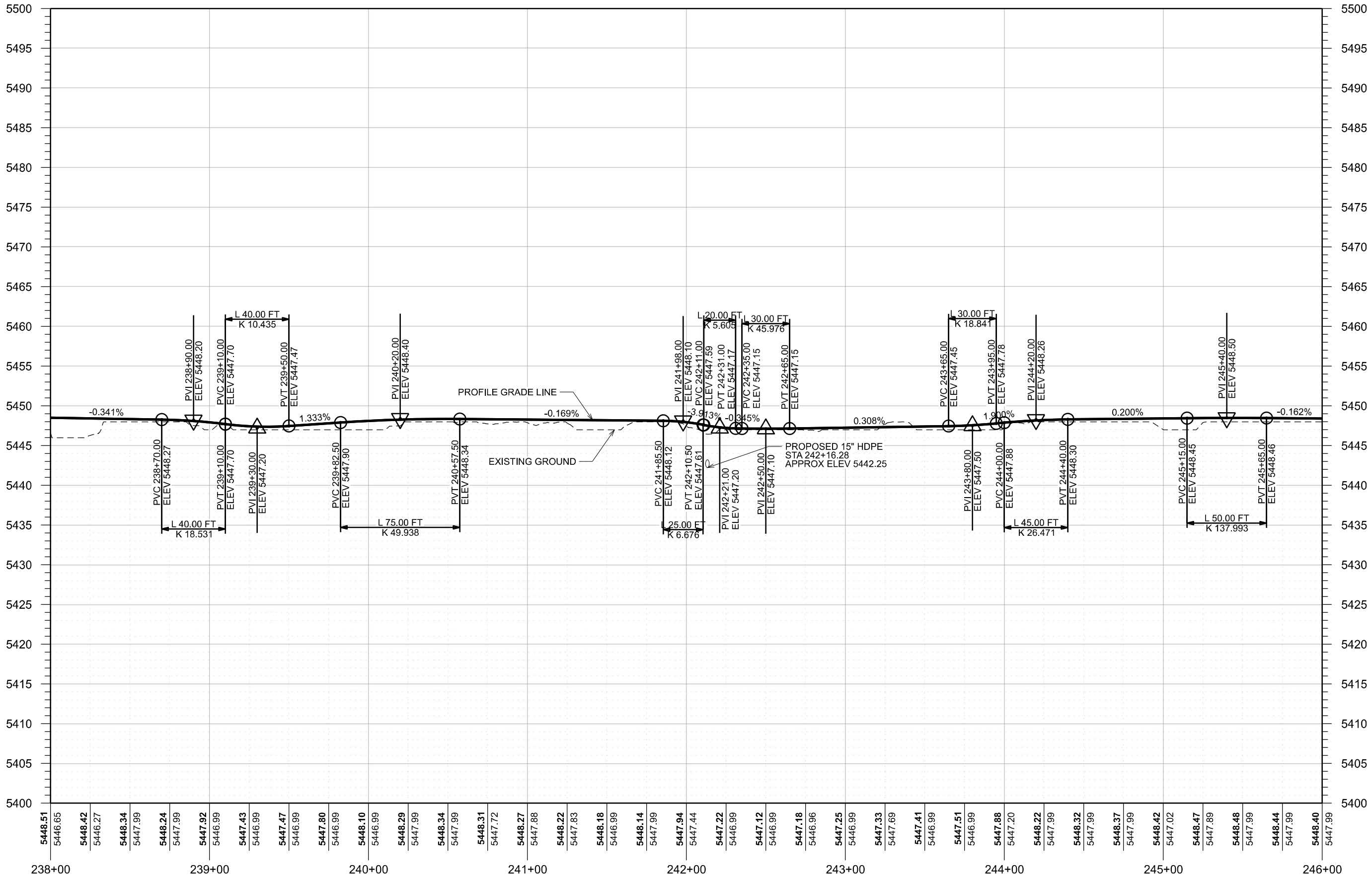
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STEINAKER SERVICE TRAIL

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
CANAL TRAIL - PHASE ONE							
PROJECT NUMBER		S-TR03(2)		APPROVED			
ROADWAY PROFILE		PIN		21890			
				PROFESSIONAL ENGINEER		DATE	
				4/6/2026		DATE	
				CHECKED BY		JDS	
				DRAWN BY		AW	
				QC		APPROVED BY	
				NO.		DATE	
						REMARKS	

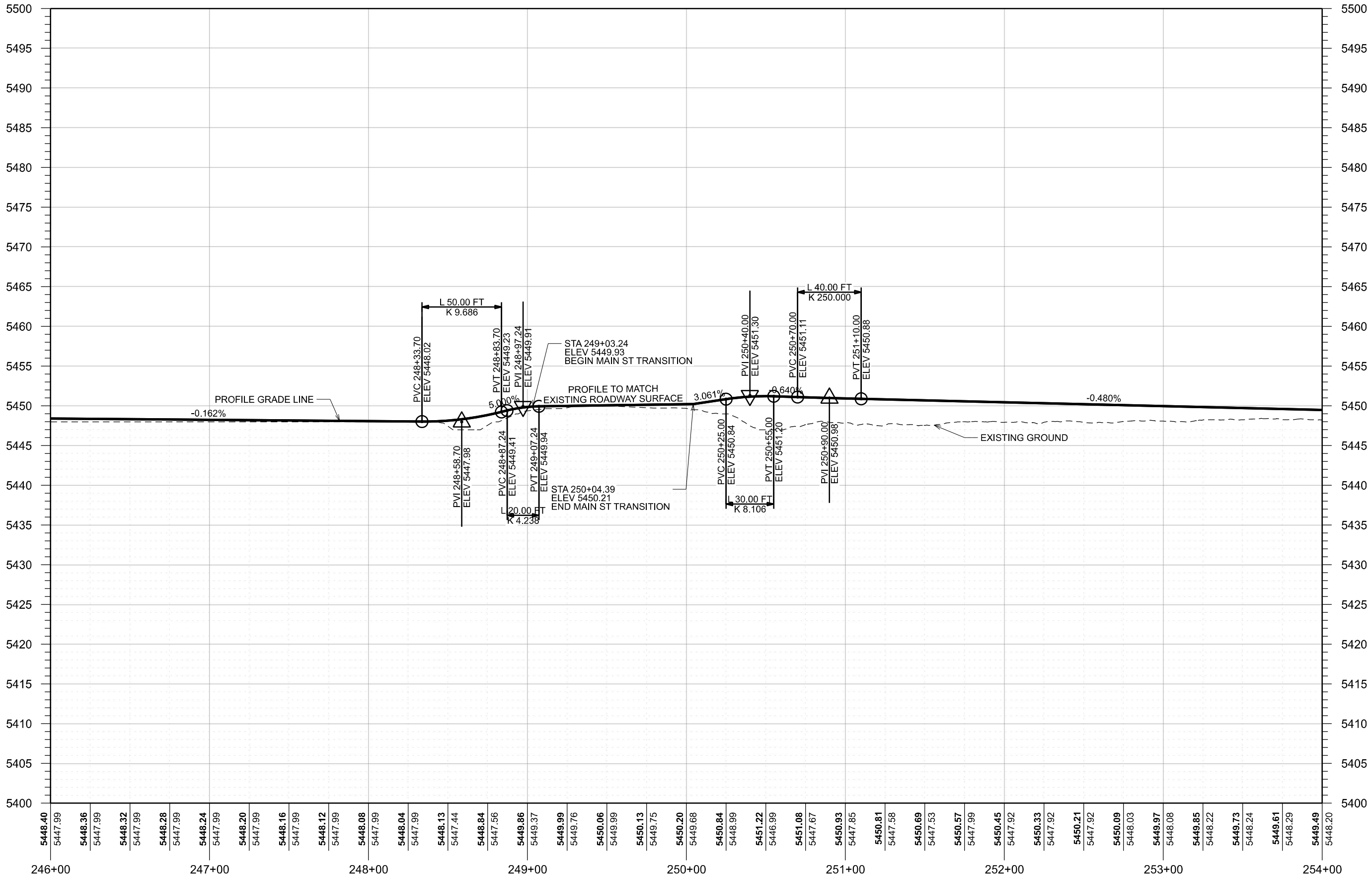
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STEINAKER SERVICE TRAIL

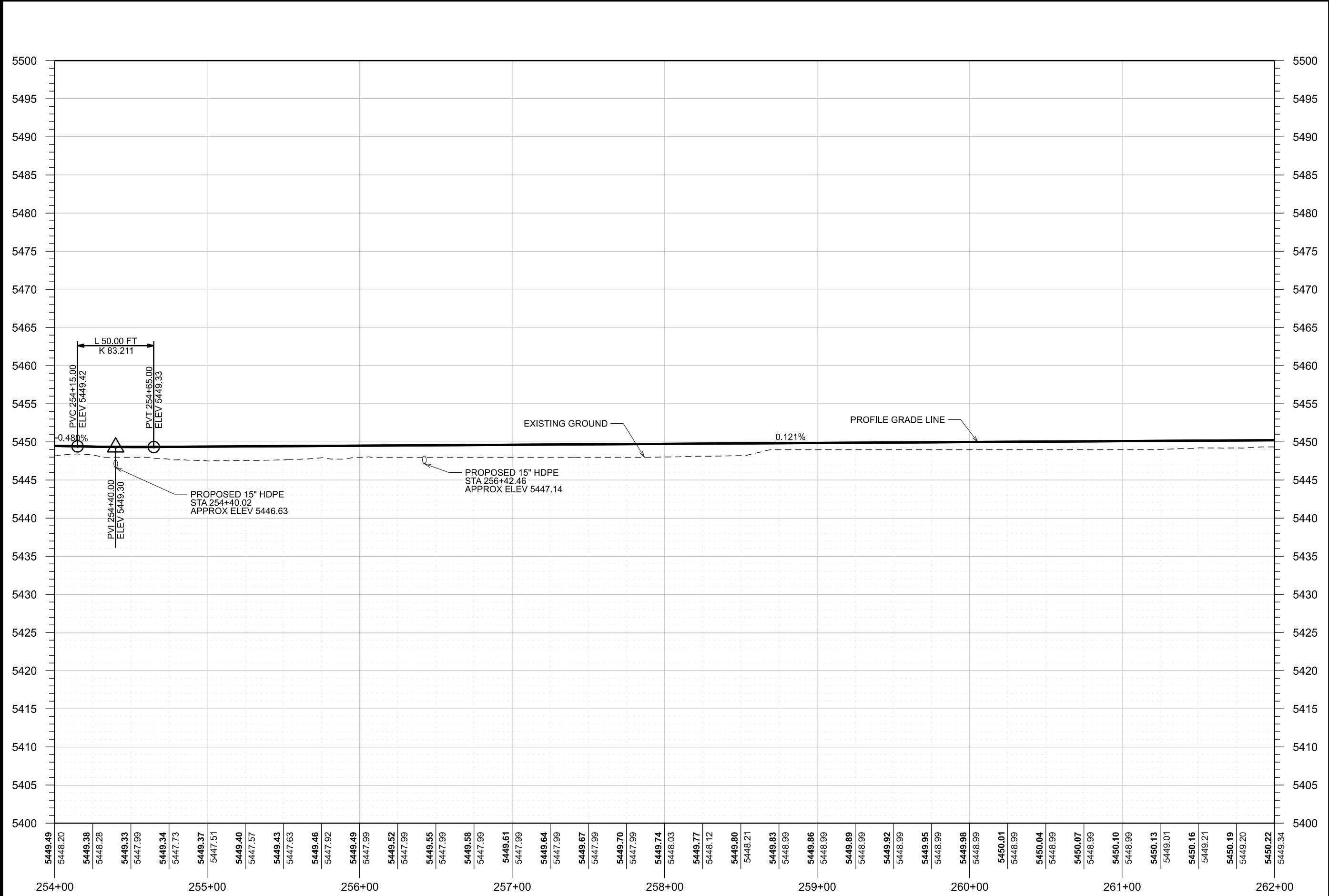
PROJECT		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
UTN: STEINAKER SERVICE		CANAL TRAIL - PHASE ONE			
PROJECT NUMBER		S-TR03(2)			
ROADWAY PROFILE		APPROVED			
		PROFESSIONAL ENGINEER			
		DATE			
		4/6/2026			
		DRAWN BY			
		AW			
		QC			
		CHECKED BY			
		JDS			
		NO.			
		DATE			
		APPROVED BY			
		REMARKS			

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SHEET NO.		RP-11	
PROJECT		UTN: STEINAKER SERVICE	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE	
S-TR03(2)		PIN 21890	
ROADWAY PROFILE		APPROVED	
		4/6/2026	
		DATE	
		PROFESSIONAL ENGINEER	
		DRAWN BY	
		QC	
		CHECKED BY	
		JDS	
		APPROVED BY	
		NO.	
		DATE	
		REMARKS	
UTAH DEPARTMENT OF TRANSPORTATION			
REVISIONS			

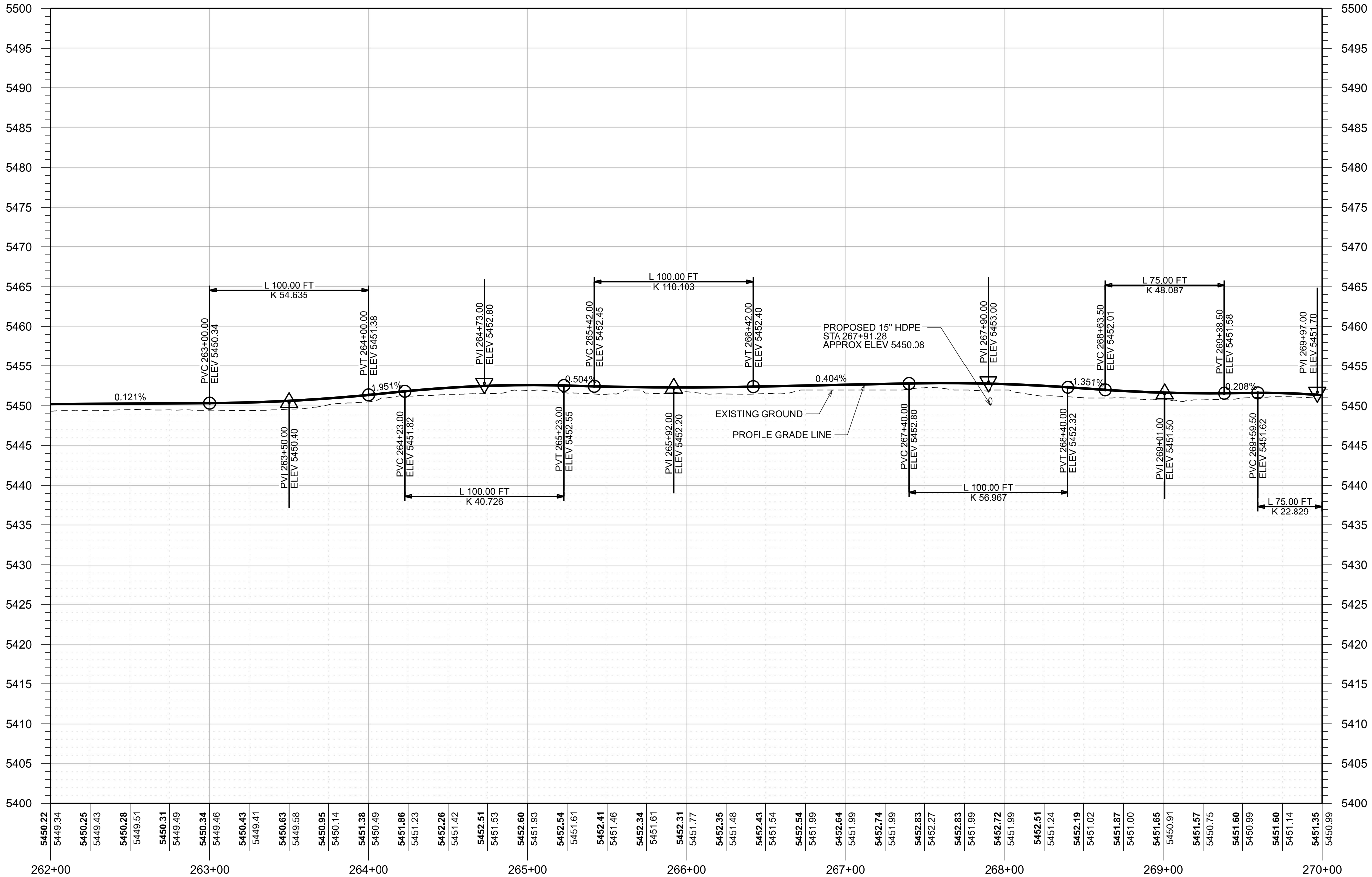
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STEINAKER SERVICE TRAIL

UTAH DEPARTMENT OF TRANSPORTATION		UTN: STEINAKER SERVICE		REVISIONS				
		CANAL TRAIL - PHASE ONE						
PROJECT NUMBER	S-TR03(2)		PIN	21890	APPROVED  PROFESSIONAL ENGINEER	DRAWN BY		AW
	ROADWAY PROFILE					QC CHECKED BY	JDS	
SHEET NO.		RP-12		4/6/2026		DATE		
						APPROVED BY		
						REMARKS		

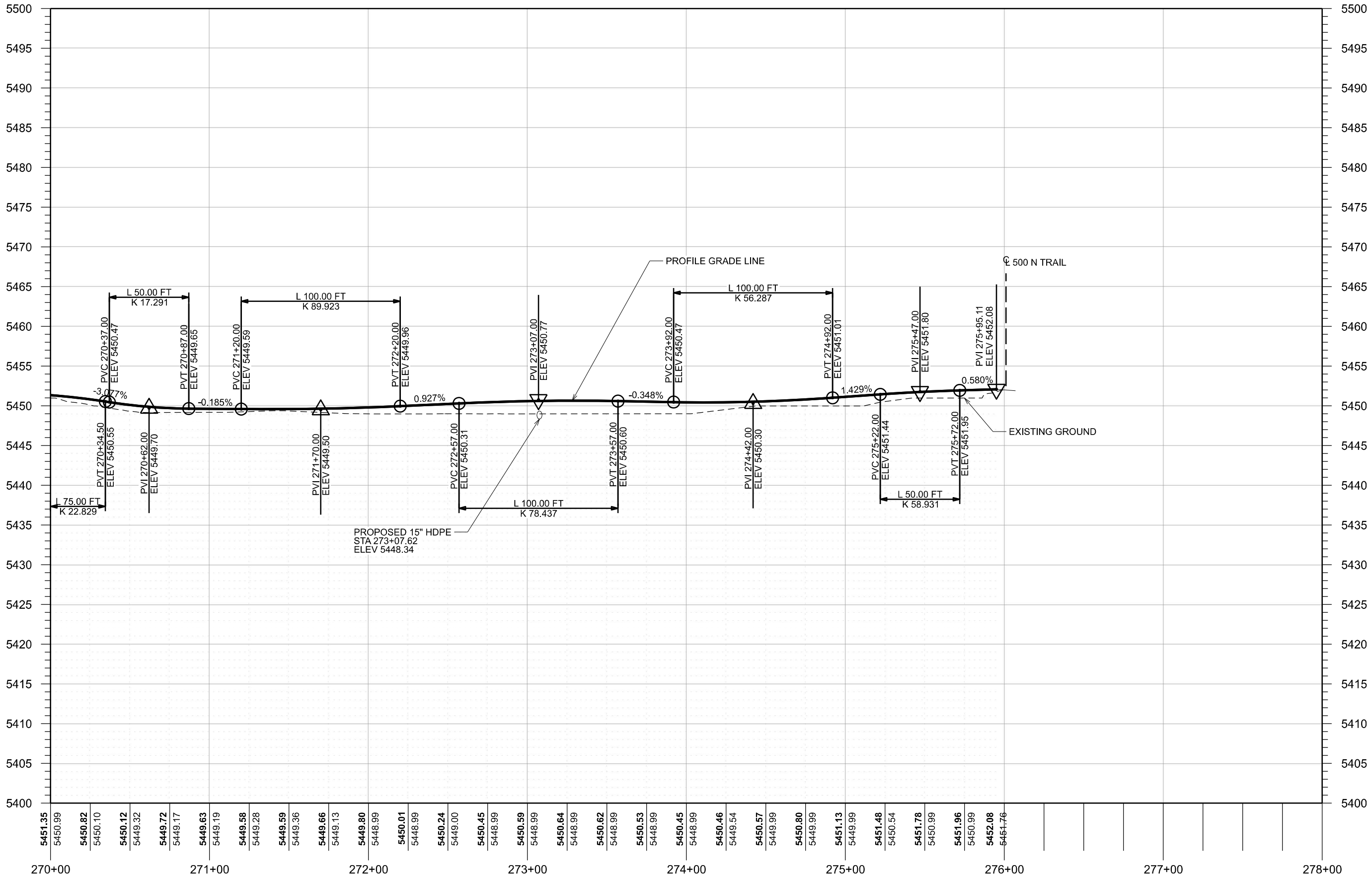
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STEINAKER SERVICE TRAIL

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				DRAWN BY		AW		REVISIONS		
		CANAL TRAIL - PHASE ONE												
PROJECT NUMBER	S-TR03(2)		PIN	21890	APPROVED		4/6/2026		OC CHECKED BY		JDS			
ROADWAY PROFILE				PROFESSIONAL ENGINEER		DATE		APPROVED BY		DATE		REMARKS		
RP-13														

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UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT	UTN: STEINAKER SERVICE		
PROJECT NUMBER	CANAL TRAIL - PHASE ONE		
S-TR03(2)		APPROVED	
ROADWAY PROFILE		DRAWN BY	AW
		QC CHECKED BY	
		DATE	4/6/2026
		PROFESSIONAL ENGINEER	<i>Jason Smith</i>
		DATE	
		JDS	
		APPROVED BY	
		NO.	
		DATE	
		REMARKS	
SHEET NO.		RP-14	

Project Name:	Steinaker Service Canal Trail
Design Consultant:	Sunrise Engineering
PIN:	21890
Project No:	S-TR03(2)
CID:	74835
Route:	Trail
Mileposts:	N/A
Project Type:	Pedestrian Trail
Project Scope:	Construct 1.89 Mile Pedestrian Trail

	Proposed	Actual
Kickoff/Scoping Date:	14-Apr-25	14-Apr-25
PIH Date:	2-Jul-25	2-Jul-25
PS&E Date:	20-Nov-25	20-Nov-25
ADVERTISING Goal:	26-Feb-26	

Utility Company

Utility Company	Notify of Award	Utility Type	Utility Contact	Phone #	Email	Notes
ASHLEY VALLEY WATER & SEWER		SEWER & CULINARY WATER	ALLEN HACKING	435-790-1458	AHACKING@AVWSID.COM	
MAESER WATER I.D.		SEWER & CULINARY WATER	DUSTIN MCCORMICK	435-789-2353	DMCCORMICK@MYSTRATAMAIL.COM	
ENBRIDGE GAS UTAH		Gas	SL MAPPING DEPARTMENT	801-324-3970	MAPREQUESTGIS@ENBRIDGE.COM	
ROCKY MOUNTAIN POWER - VERNAL		Power (Buried)	KEVIN HILL	801-886-7007	RMPPLANNINGANDDESIGNREQUESTS@PACIFICORP.COM	
ROCKY MOUNTAIN POWER - VERNAL		Power (Overhead)	KEVIN HILL	801-886-7007	RMPPLANNINGANDDESIGNREQUESTS@PACIFICORP.COM	
STRATA NETWORKS		CATV,FIBER OPTICS & PHN	SHAD SAGERS	435-622-6283	SSAGERS@STRATANETWORKS.COM	
UINTAH COUNTY RD ENCROACHMENT DEPARTMENT			JARED KAUFMAN	435-789-1070 ext 307	JKAUFMAN@UINTAH.UTAH.GOV	
UDOT REGION III		FIBER OPTICS & TRAFFIC SIGNALS	CATHERINE JONES	801-330-4447	CATHERINEJONES@UTAH.GOV	
UDOT REGION III		FIBER OPTICS & TRAFFIC SIGNALS	DEGEN LEWIS	801-227-8011	DLEWIS@UTAH.GOV	
UINTAH WATER CONSERVANCY DISTRICT		STORM DRAIN, IRR, PHN & WTR	JOHN HUNTING	435-789-1651	JHUNTING@UWCD.ORG	
VERNAL CITY PUBLIC WORKS		SEWER & CULINARY WATER	IVAN MERRELL	435-828-6139	IMERRELL@VERNAL.GOV	

Utility Company

[illegible]

Project Name:	Steinaker Service Canal Trail
PIN:	21890
Project No:	S-TR03(2)

Utility Conflict Matrix Developed/Revised By:	JDS
Reviewed By:	BPM
Date:	2/4/2026

Utility Company	Conflict #	Date Identified	Utility Type	Size	Material	Buried or Overhead	Conflict Description	Alignment	Plan Sheet #	From		To		SUE Level	Test Hole or Survey Shot #	Test Hole or Survey Data	Recommended Action	Resolution Status	Final Resolution	Notes
										Station	Offset	Station	Offset							
Strata Networks	1	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Underdesigned Manhole	100+00	UT-01	100+20.25	2.81 LT	100+20.25	2.81 LT	C	N/A	N/A	Replace Manhole that meets correct specifications			
Strata Networks	2	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Box falls in the Proposed Trail	100+00	UT-01	100+25.00	1.96 LT	100+25.00	7.00 RT	C	N/A	N/A	Relocate Communication Box to behind the Proposed Trail			
Strata Networks	3	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Box falls in the Proposed Trail	100+00	UT-01	100+29.19	1.94 LT	100+29.18	7.00 RT	C	N/A	N/A	Relocate Communication Box to behind the Proposed Trail			
Strata Networks	4	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Pedestal falls in Proposed Trail	100+00	UT-01	100+31.37	1.92 LT	100+31.37	1.92 LT	D	N/A	N/A	Remove Communication Pedestal			
Ashley Valley water & Sewer	5	20-Nov-25	Water	Unknown	Unknown	Buried	Manhole is Lower than Proposed Trail Surface	100+00	UT-01	103+17.12	3.95 RT	103+17.12	3.95 RT	C	N/A	N/A	Raise Manhole to Trail Surface			
Strata Networks	6	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Box falls in the Proposed Trail	100+00	UT-02	103+69.53	1.94 LT	1032+70.90	7.00 RT	C	N/A	N/A	Relocate Communication Box to behind the Proposed Trail			
Strata Networks	7	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Pedestal falls in Proposed Trail	100+00	UT-02	103+76.79	6.02 LT	103+76.79	6.02 LT	D	N/A	N/A	Remove Communication Pedestal			
Strata Networks	8	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Communication Pedestal falls in Proposed Trail	100+00	UT-02	105+32.88	3.23 LT	105+32.88	3.23 LT	C	N/A	N/A	Remove Communication Pedestal			
UB Tech	9	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Electrical Outlet Falls to close to the Proposed Trail	100+00	UT-02	106+24.46	8.38 RT	106+24.46	12.00 RT	D	N/A	N/A	Relocate Electrical Outlets outside Trail Limits			
UB Tech	10	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Electrical Outlet Falls to close to the Proposed Trail	100+00	UT-02	106+44.20	8.44 RT	106+44.20	12.00 RT	D	N/A	N/A	Relocate Electrical Outlets outside Trail Limits			
UB Tech	11	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Electrical Outlet Falls to close to the Proposed Trail	100+00	UT-02	106+64.80	8.48 RT	106+64.80	12.00 RT	D	N/A	N/A	Relocate Electrical Outlets outside Trail Limits			
UB Tech	12	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Electrical Outlet Falls to close to the Proposed Trail	100+00	UT-02	106+84.60	8.65 RT	106+84.60	12.00 RT	D	N/A	N/A	Relocate Electrical Outlets outside Trail Limits			
Strata Networks	13	20-Nov-25	Telephone (Buried)	Unknown	Unknown	Buried	Vault and Post falls in the Proposed Trail	200+00	UT-05	201+21.02	0.64 RT	201+21.02	7.50 RT	C	N/A	N/A	Relocate Vault and Post to behind the Proposed Trail			
Vernal City	14	20-Nov-25	Water	Unknown	Unknown	Buried	Valve Box is Lower than Proposed Trail Surface	200+00	UT-05	204+42.81	2.08 LT	204+42.81	2.08 LT	C	N/A	N/A	Raise Valve Box to Trail Surface			
Vernal City	15	20-Nov-25	Water	Unknown	Unknown	Buried	Manhole is Lower than Proposed Trail Surface	200+00	UT-05	205+61.65	6.55 LT	205+61.65	6.55 LT	C	N/A	N/A	Raise Manhole to Trail Surface			
Rocky Mountain Power	16	24-Nov-25	Power (Overhead)	Unknown	Unknown	Overhead	Guy Wire is in the Proposed Trail	200+00	UT-06	209+27.70	5.89 LT	Unknown	Unknown	C	N/A	N/A	Relocate Guy Wire and Add Stand Alone Pole			
Rocky Mountain Power	17	24-Nov-25	Power (Overhead)	Unknown	Unknown	Overhead	Guy Wire is in the Proposed Trail	200+00	UT-06	209+28.94	1.24 LT	Unknown	Unknown	C	N/A	N/A	Relocate Guy Wire and Add Stand Alone Pole			
Rocky Mountain Power	18	24-Nov-25	Power (Overhead)	Unknown	Unknown	Overhead	Street Light falls in the Proposed Trail	200+00	UT-07	220+28.23	0.59 RT	220+28.28	7.50 RT	C	N/A	N/A	Relocate Street Light to behind the Proposed Trail			
Rocky Mountain Power	19	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Junction Box falls in the Proposed Trail	200+00	UT-07	220+30.55	1.18 RT	220+30.55	7.50 RT	C	N/A	N/A	Relocate Junction Box to behind the Proposed Trail			
Vernal City	20	20-Nov-25	Water	Unknown	Unknown	Buried	Manhole is Lower than Proposed Trail Surface	200+00	UT-07	221+69.99	1.48 RT	221+69.99	1.48 RT	C	N/A	N/A	Raise Manhole to Trail Surface			
Rocky Mountain Power	21	24-Nov-25	Power (Buried)	Unknown	Unknown	Buried	Junction Box falls in the Proposed Trail	200+00	UT-07	221+71.55	1.13 RT	221+71.84	6.98 RT	D	N/A	N/A	Relocate Junction Box to behind the Proposed Trail			

UTAH DEPARTMENT OF TRANSPORTATION
SUNRISE ENGINEERING

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SUNRISE ENGI

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LITN: STEINAKER SERVICE

CANAL TRAIL - PHASE ONE

ONE

RAIL - PH

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SHEET NO. UT-00A

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UTILITY TAG

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

RECONSTRUCT MANHOLE -
RAISE REQ'D
500 N TRAIL
103+17.12 RT 3.95

REPLACE MANHOLE BY
OTHERS (STRATA)
500 N TRAIL
100+20.26 LT 2.82

RELOCATE COMMUNICATION
BOX BY OTHERS (STRATA)
500 N TRAIL
100+25.00 LT 1.96 TO
100+25.00 RT 7.00
100+29.19 LT 1.94 TO
100+29.19 RT 7.00

REMOVE COMMUNICATION
PEDESTAL BY OTHERS
(STRATA)
500 N TRAIL
100+31.37 LT 1.92

2000 W

99+99.86
BEGIN PROJECT
S-TR03(2)
LM 38.264
RP 38.330
N 345231.794
E 178999.643

100+00

101+00

102+00

103+00

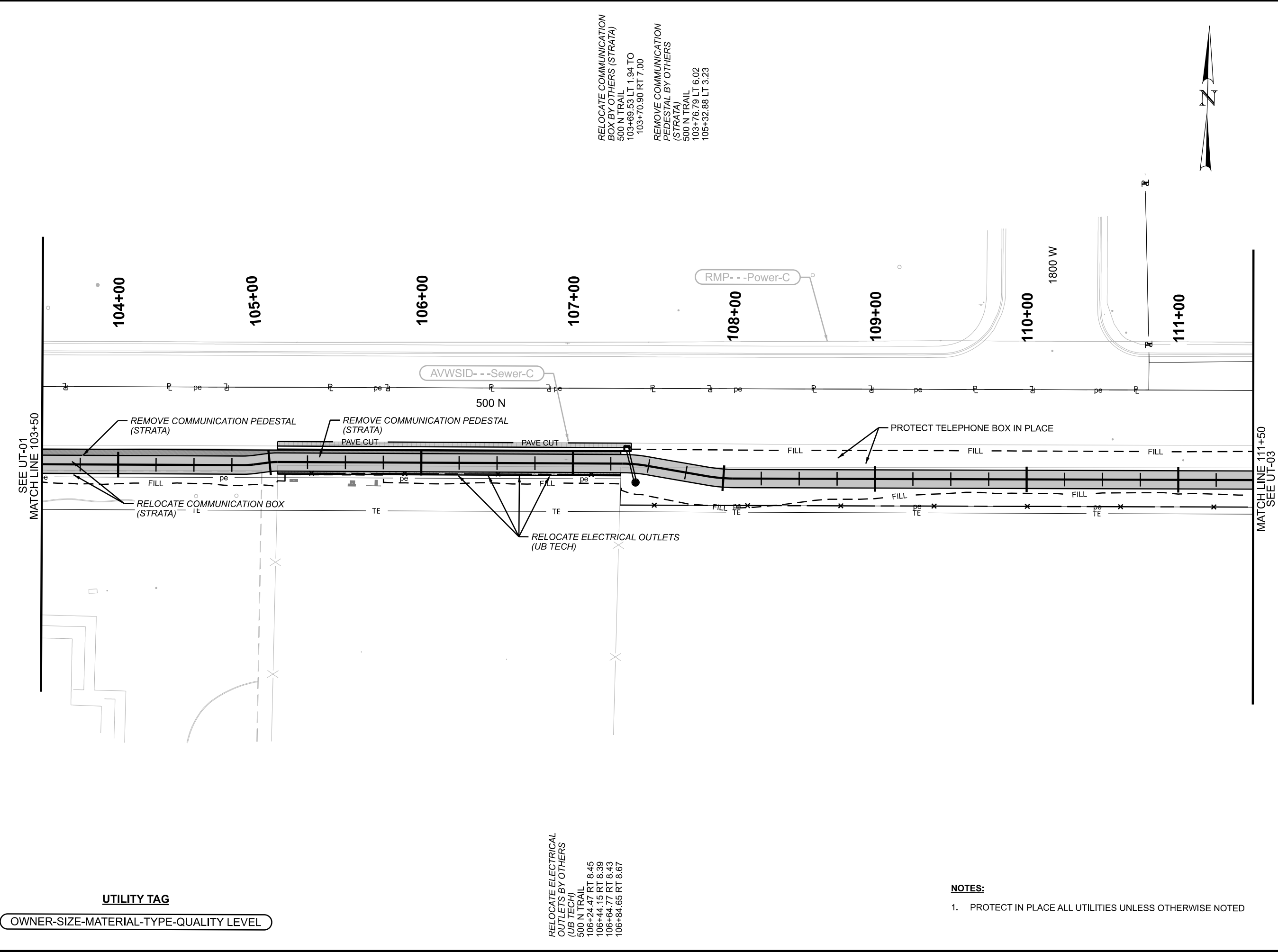
MATCH LINE 103+50
SEE UT-02

NOTES:

1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

SHEET NO.		UT-01	
PROJECT	UTN: STEINAKER SERVICE		
	CANAL TRAIL - PHASE ONE		
PROJECT NUMBER	S-TR03(2)	PIN	21890
	UTILITY		
APPROVED 		APRIL 6, 2026	
		DATE	
PROFESSIONAL ENGINEER		QC CHECKED BY	RMP
DRAWN BY		DRS	
UTAH DEPARTMENT OF TRANSPORTATION			
SUNRISE ENGINEERING			
REVISIONS			

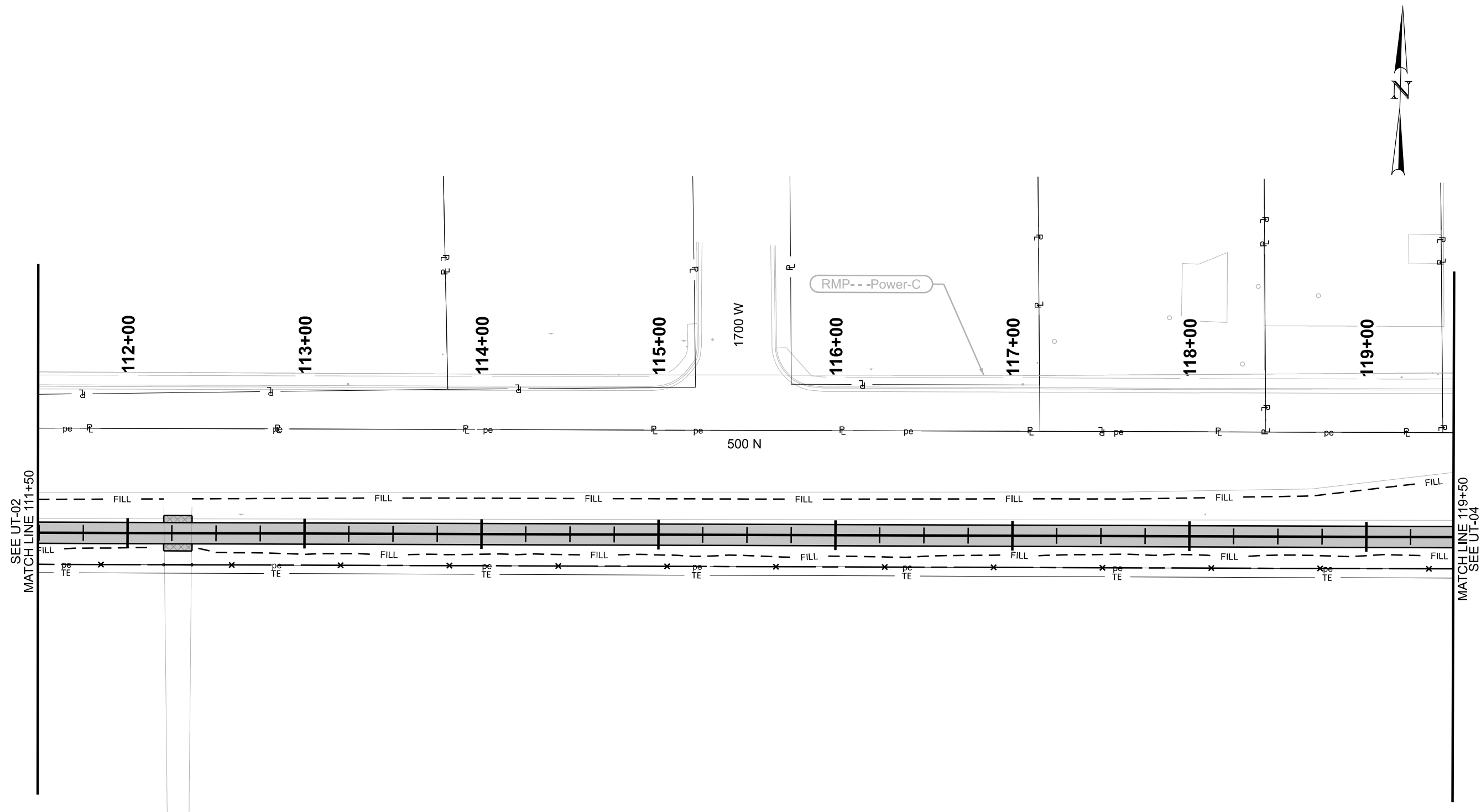
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PROJECT		UTN: STEINAKER SERVICE		REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE			
		S-TR03(2)			
		UTILITY			
APPROVED		SUNRISE ENGINEERING			
		DRAWN BY			
		QC			
		CHECKED BY			
		RMP			
		DATE			
		APPROVED BY			
		REMARKS			

UT-02

SHEET NO.



UTILITY TAG

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

NOTES:

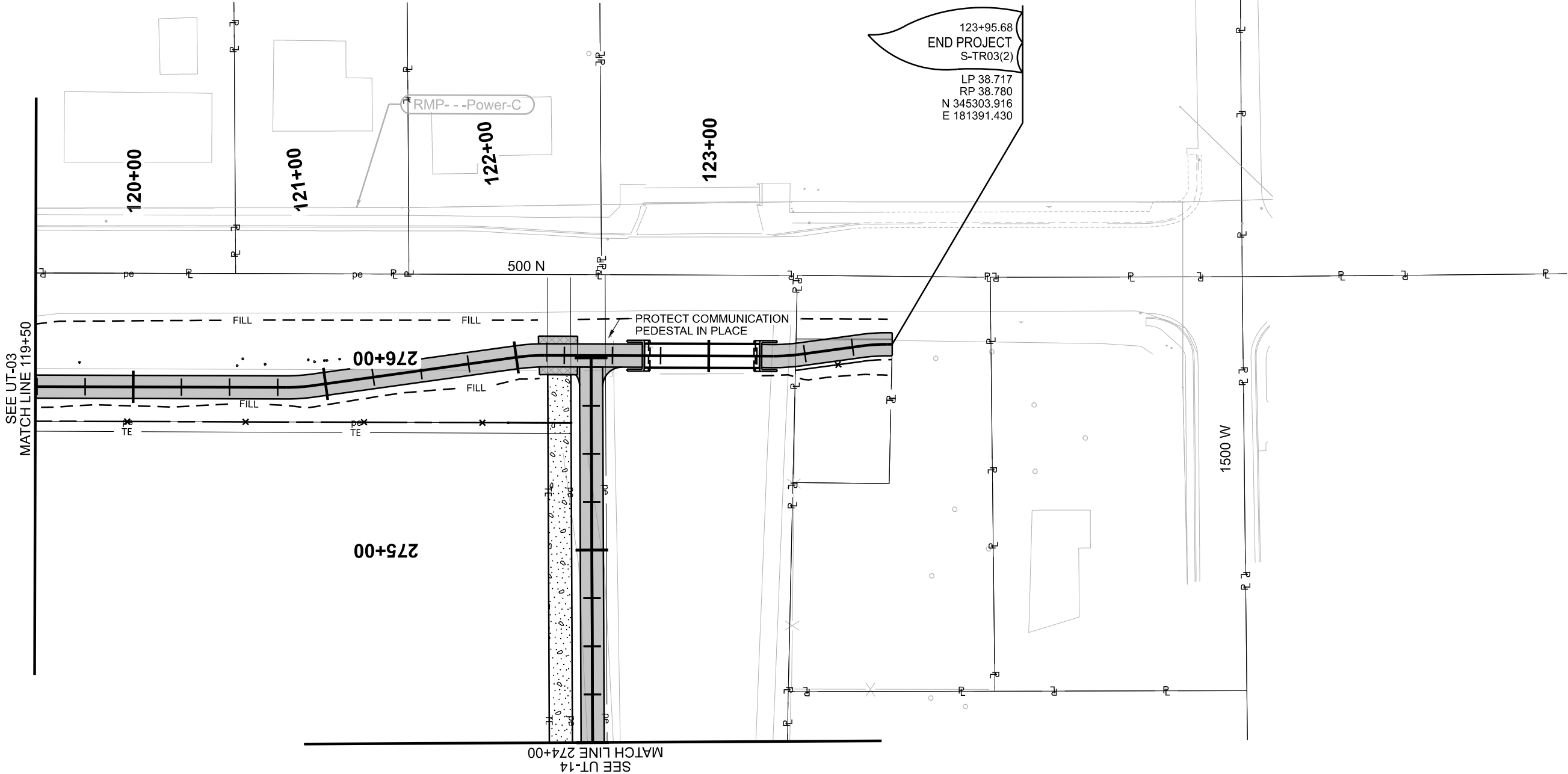
1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

PROJECT		UTN: STEINAKER SERVICE			UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING										APPROVED  APRIL 6, 2026 PROFESSIONAL ENGINEER _____ DATE _____				DRAWN BY		DRS		REVISIONS			
		CANAL TRAIL - PHASE ONE																	S-TR03(2)		PIN					
PROJECT NUMBER		UTILITY																								

3/23/2026 p:\1\udot-pw\bentley.com\udot-pw-01\Documents\UDOT Projects\Region 3 Projects\21890\UTN STEINAKER SERVICE CANAL TRAIL - PHASE ONE\Roadway Design\21890\UT-04 Wilson.dgn

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

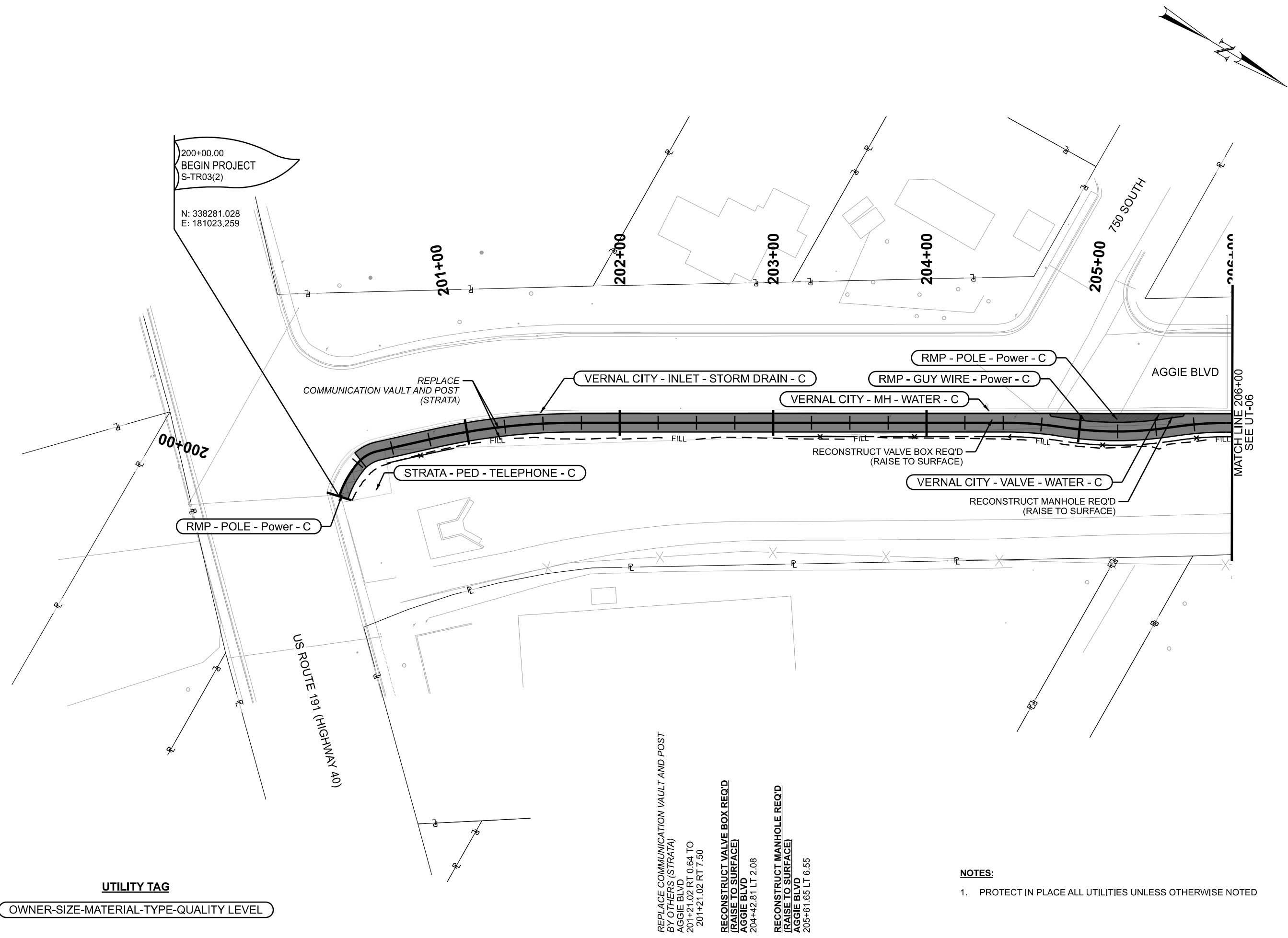
UTILITY TAG



NOTES:

1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

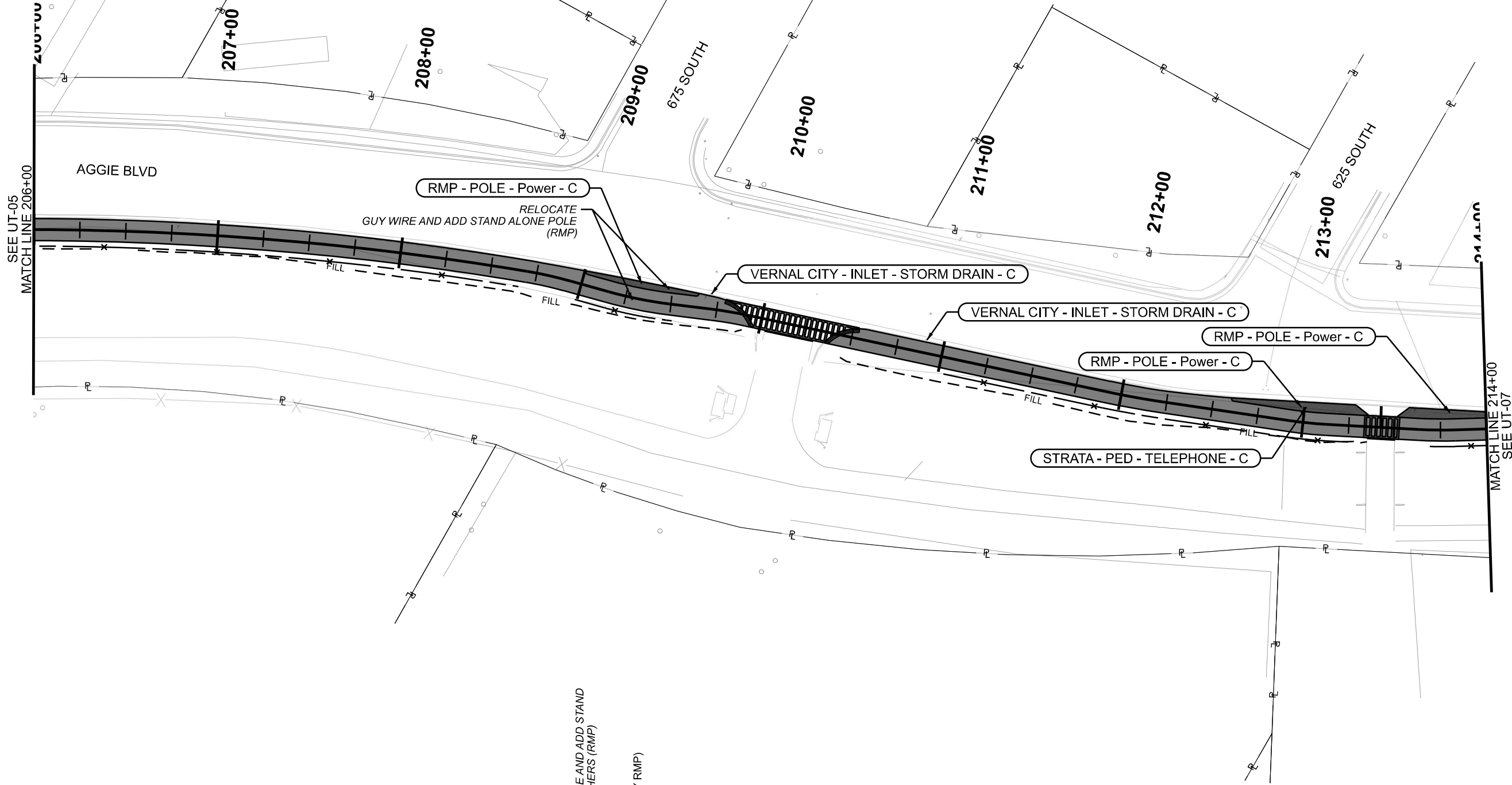
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PROJECT NUMBER		CANAL TRAIL - PHASE ONE					
		S-TR03(2)					
		UTILITY					
		APPROVED		UTAH DEPARTMENT OF TRANSPORTATION			
		SUNRISE ENGINEERING					
		PROFESSIONAL ENGINEER					
		APRIL 6, 2026					
		DATE					
		QC					
		CHECKED BY					
		RMP					
		DATE					
		APPROVED BY					
		REMARKS					

[illegible]

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

UTILITY TAG

RELOCATE GUY WIRE AND ADD STAND
ALONE POLE BY OTHERS (RMP)
AGGIE BLVD
209+28.94 RT 1.24
209+47.97 LT 7.79 TO
(BE DETERMINED BY RMP)



NOTES:

1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

PROJECT	UTN: STEINAKER SERVICE		
PROJECT NUMBER	CANAL TRAIL - PHASE ONE		
	S-TR03(2)	PIN	21890
UTILITY			

APPROVED

Carson Smith
PROFESSIONAL ENGINEER

4/6/2026

DATE

QC CHECKED BY

JDS

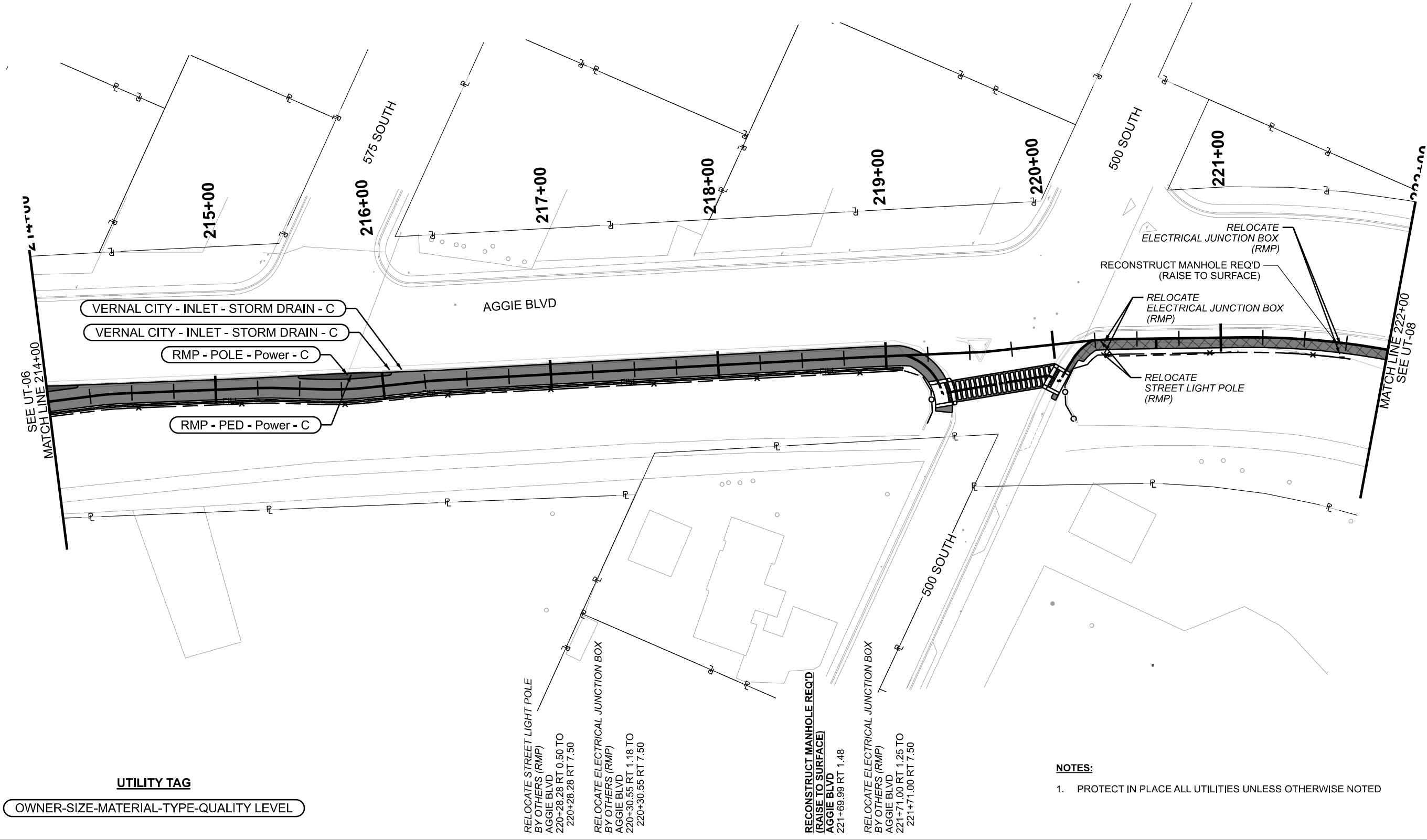
UTAH DEPARTMENT OF TRANSPORTATION

SUNRISE ENGINEERING

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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- NOTES:**
1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS							
		CANAL TRAIL - PHASE ONE													
PROJECT NUMBER	S-TR03(2)		PIN	21890	APPROVED		DRAWN BY		AW						
	UTILITY				4/6/2026		QC CHECKED BY		JDS						
PROFESSIONAL ENGINEER															
DATE															
								NO.		DATE		APPROVED BY		REMARKS	

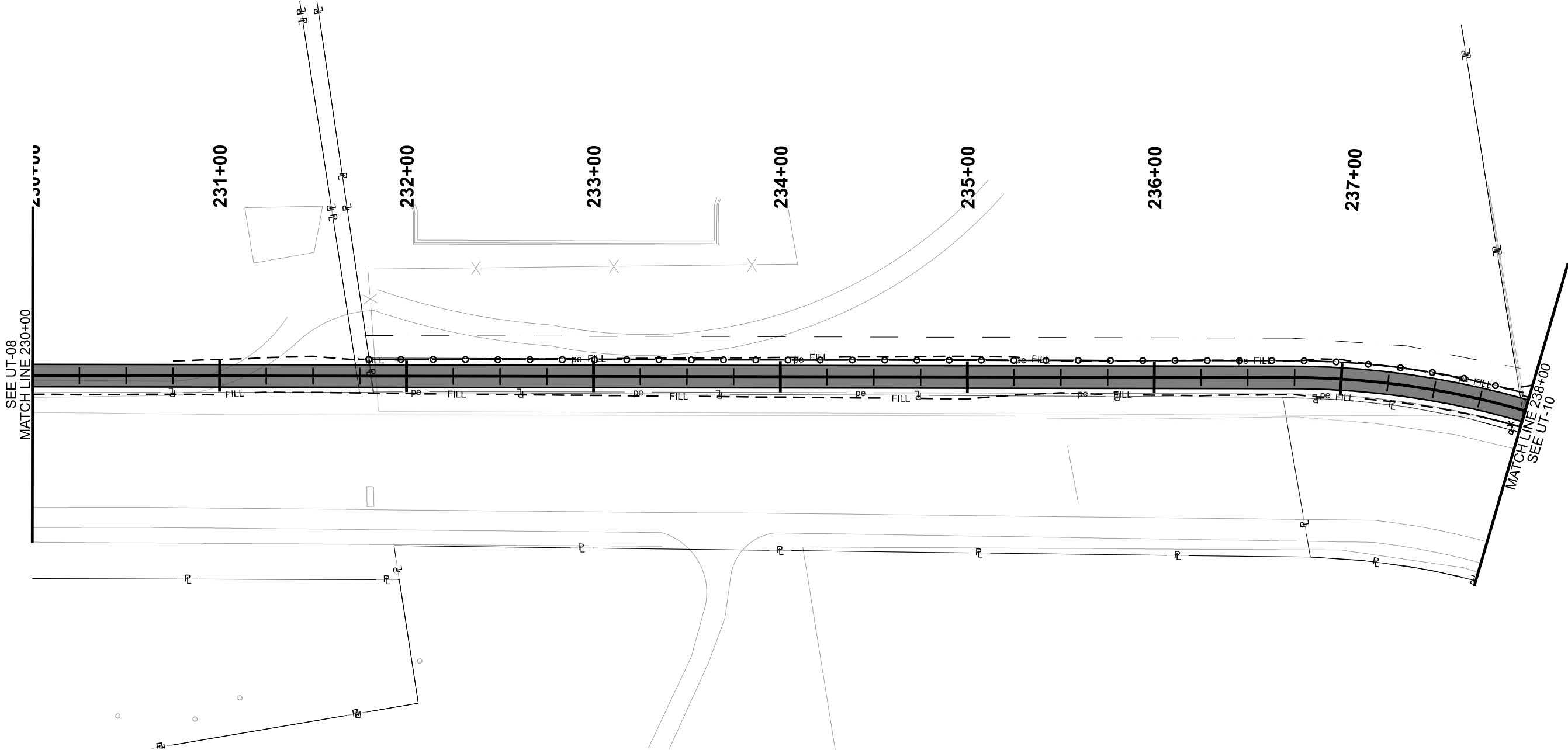


SHEET NO. UT-08

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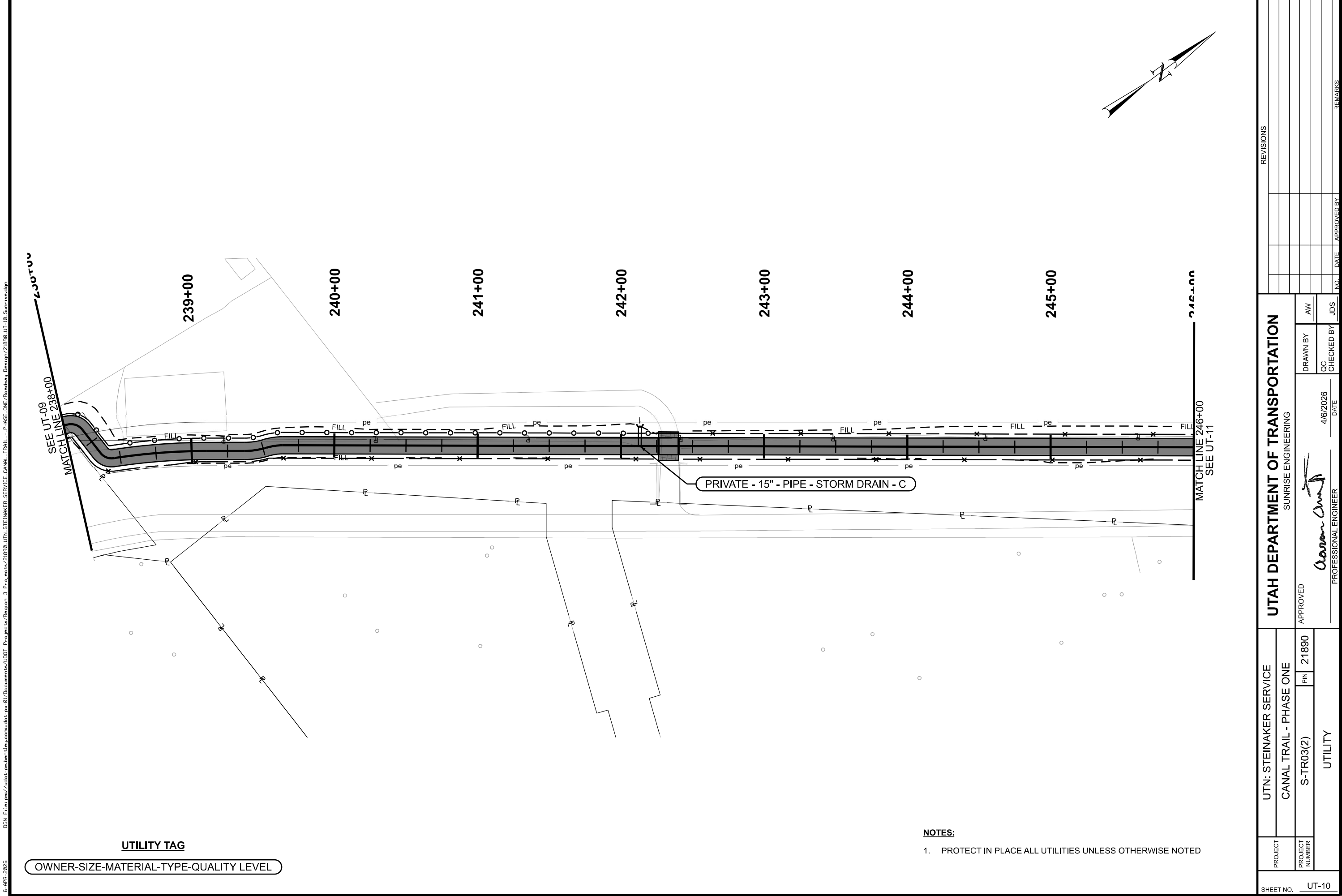
OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

UTILITY TAG



- NOTES:
1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION SUNRISE ENGINEERING				DRAWN BY AW									
		CANAL TRAIL - PHASE ONE															
PROJECT NUMBER		S-TR03(2)		PIN		21890		APPROVED  PROFESSIONAL ENGINEER		4/6/2026		DATE		QC CHECKED BY		JDS	
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SHEET NO.				UT-09													



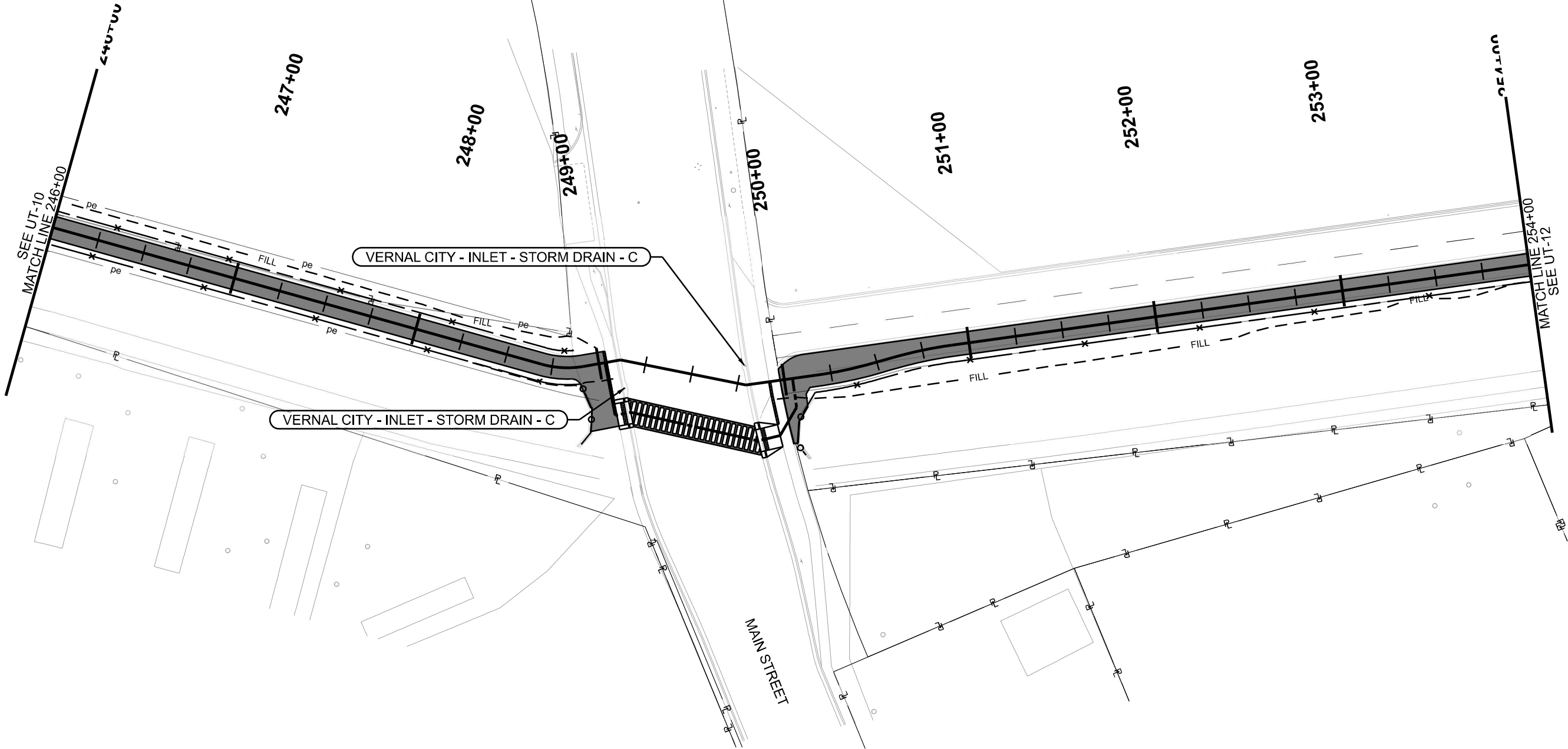
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UTILITY TAG
OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

- NOTES:
- 1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
SUNRISE ENGINEERING			
APPROVED		DRAWN BY	AW
PROFESSIONAL ENGINEER		QC	
DATE		CHECKED BY	
4/6/2026		JDS	
UTN: STEINAKER SERVICE		NO.	DATE
CANAL TRAIL - PHASE ONE		APPROVED BY	REMARKS
PROJECT			
PROJECT NUMBER	S-TR03(2)		
	PIN		
	21890		
	UTILITY		
SHEET NO. UT-10			

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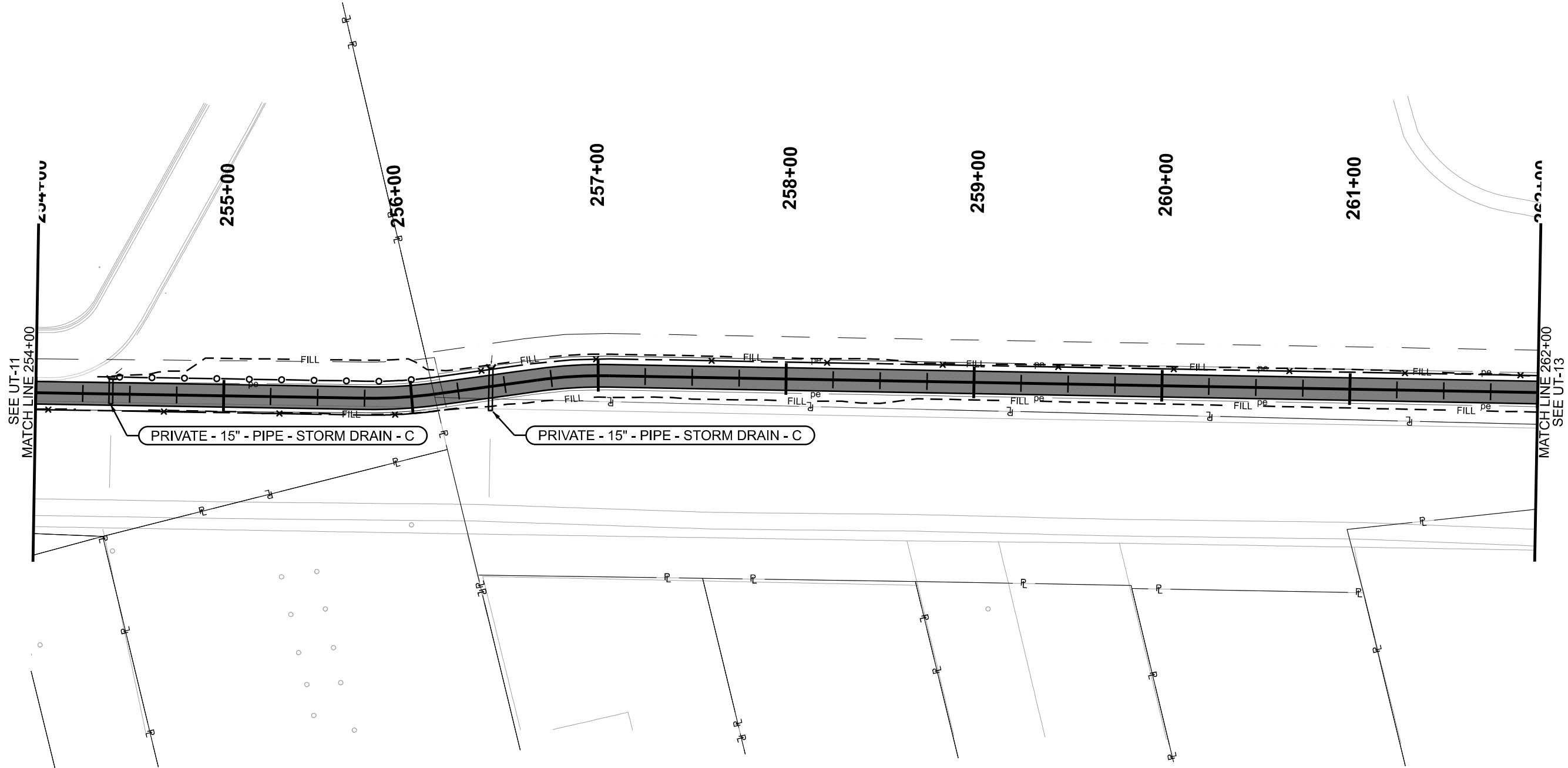
UTILITY TAG

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

- NOTES:
- 1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

PROJECT		UTN: STEINAKER SERVICE		REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE			
		S-TR03(2)			
		UTILITY			
		APPROVED			
		SUNRISE ENGINEERING			
		DRAWN BY			
		QC			
		CHECKED BY			
		DATE			
		PROFESSIONAL ENGINEER			
		DATE			
		JDS			
		APPROVED BY			
		DATE			
		REMARKS			

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UTILITY TAG

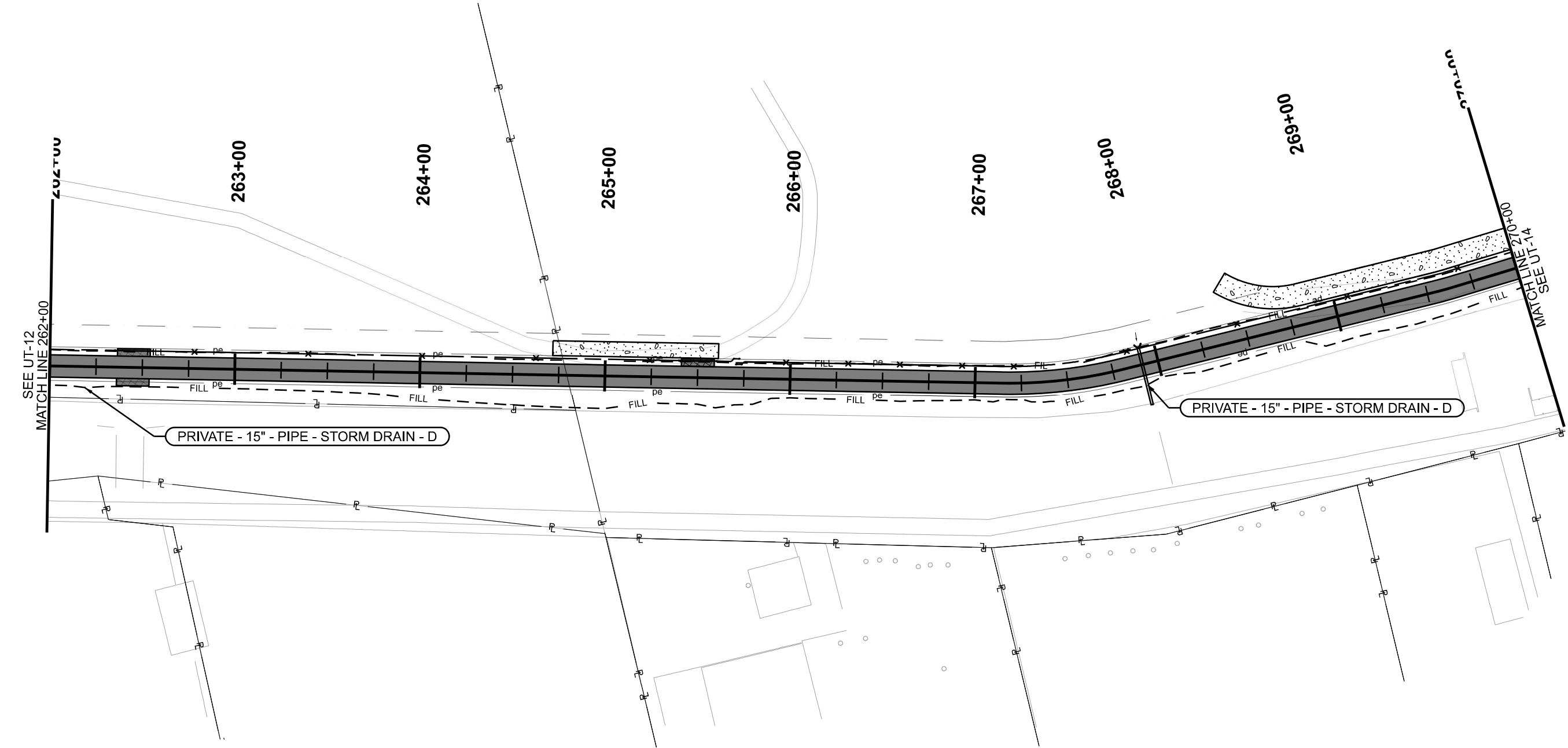
OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

NOTES:

- 1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

SHEET NO.		UT-12		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS					
PROJECT		UTN: STEINAKER SERVICE		SUNRISE ENGINEERING									
		CANAL TRAIL - PHASE ONE											
PROJECT NUMBER		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		AW	
		UTILITY						PROFESSIONAL ENGINEER		4/6/2026		QC CHECKED BY	
										DATE		JDS	
										NO.		DATE	
										APPROVED BY		REMARKS	

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UTILITY TAG

OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

NOTES:

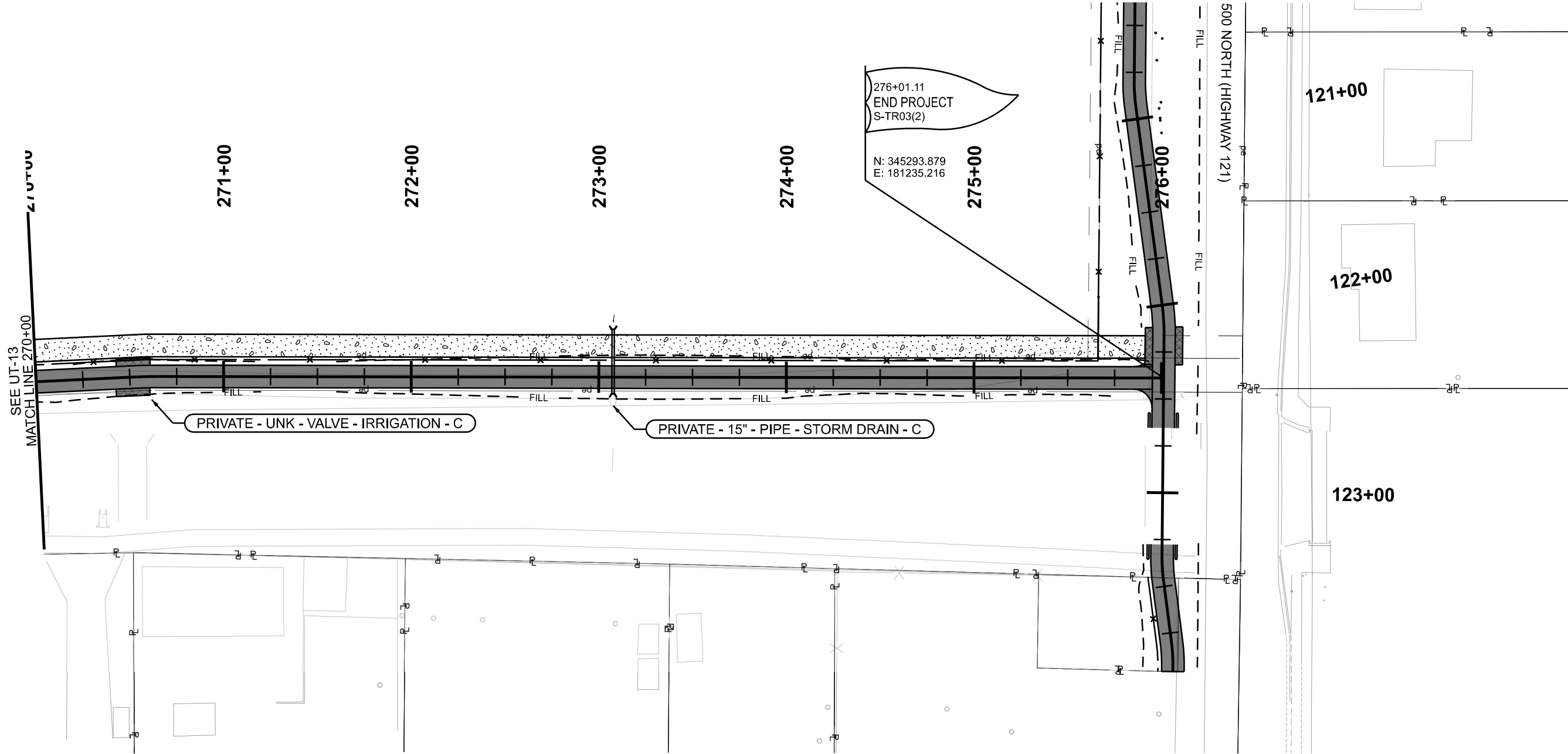
- 1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED
- 2. A SOLAR PANEL FIELD HAS BEEN INSTALLED ON THE WEST SIDE OF THE PROPOSED TRAIL BETWEEN STA. 266+00 AND 268+00. THE OWNER IS UTAH STATE UNIVERSITY AND SHALL BE PROTECTED IN PLACE.

PROJECT		UTN: STEINAKER SERVICE		REVISIONS	
CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING			
S-TR03(2)		APPROVED			
PROJECT NUMBER		PIN			
21890		DRAWN BY			
UTILITY		QC			
		CHECKED BY			
		DATE			
		4/6/2026			
		PROFESSIONAL ENGINEER			
		JDS			
		APPROVED BY			
		DATE			
		REMARKS			

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OWNER-SIZE-MATERIAL-TYPE-QUALITY LEVEL

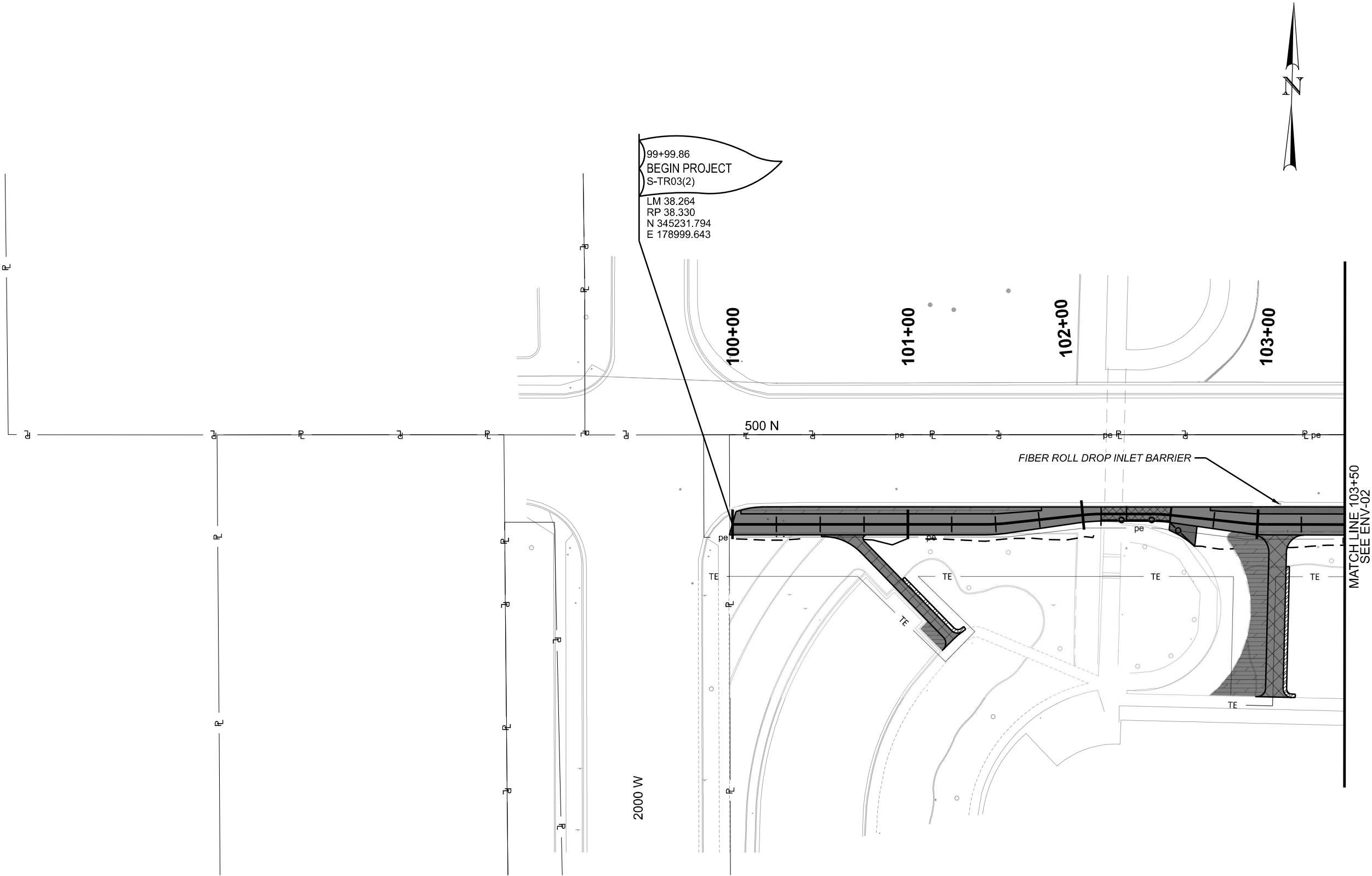
UTILITY TAG



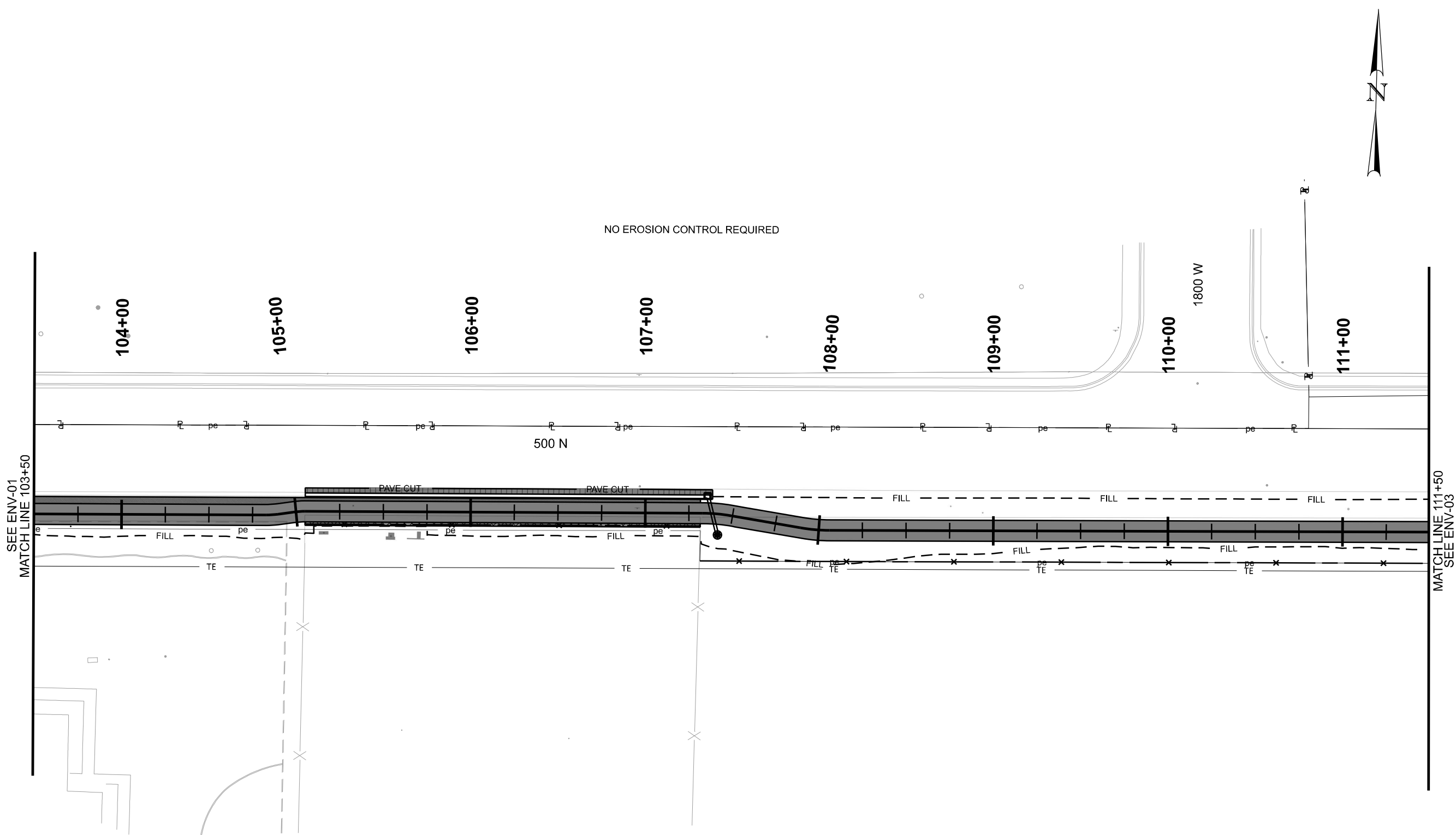
NOTES:

1. PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED

UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT	CANAL TRAIL - PHASE ONE	SUNRISE ENGINEERING			
PROJECT NUMBER	S-TR03(2)	APPROVED	DRAWN BY		
UTILITY		4/6/2026	AW		
			QC		
		DATE	CHECKED BY		
			JDS		
			NO.	DATE	APPROVED BY
					REMARKS

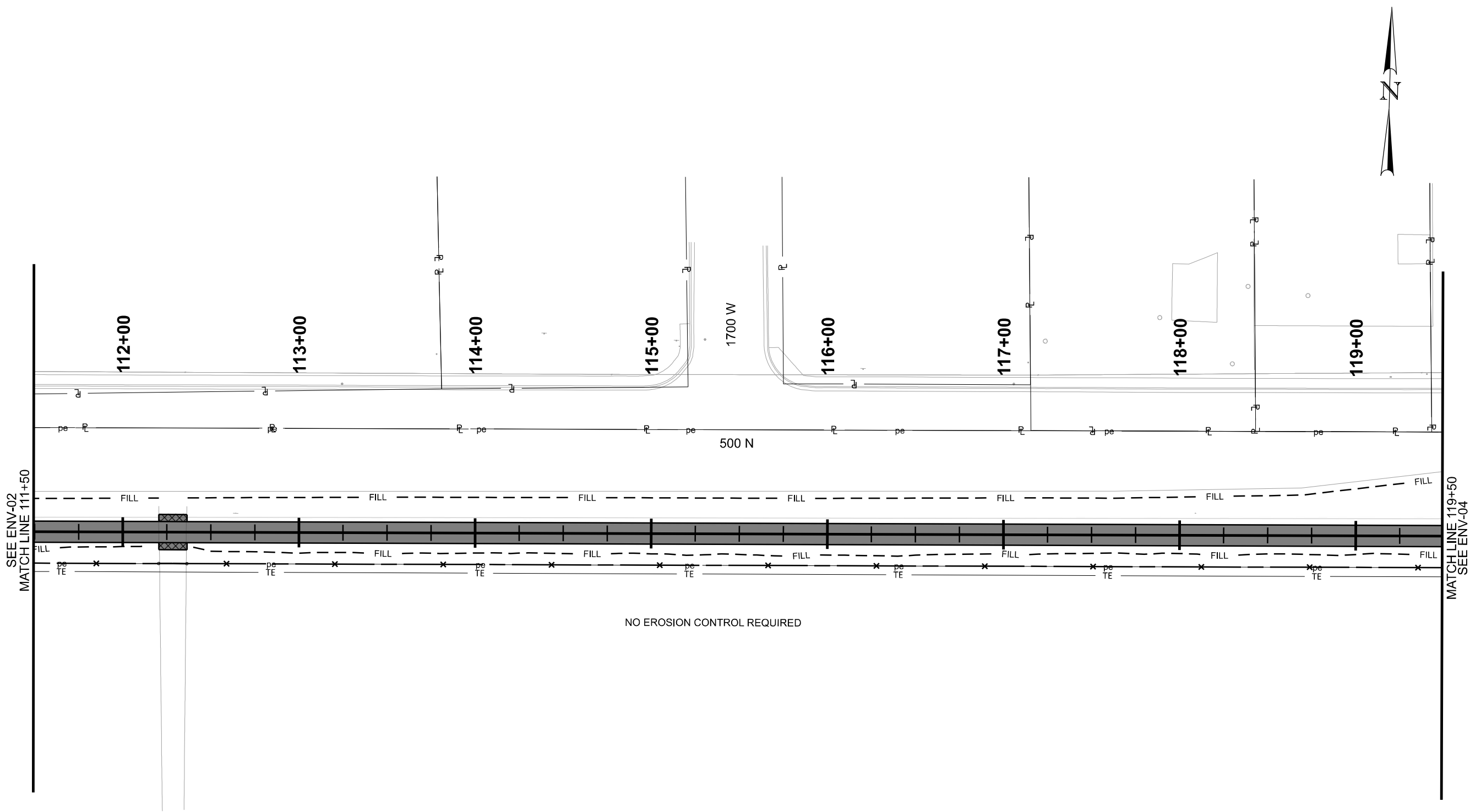


PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING		DRAWN BY					
		S-TR03(2)		APPROVED		QC					
		EROSION CONTROL		PROFESSIONAL ENGINEER		CHECKED BY					
		PIN 21890		DATE 4/6/2026		JDS					
						DATE				APPROVED BY	
										NO.	
										DATE	
										REMARKS	



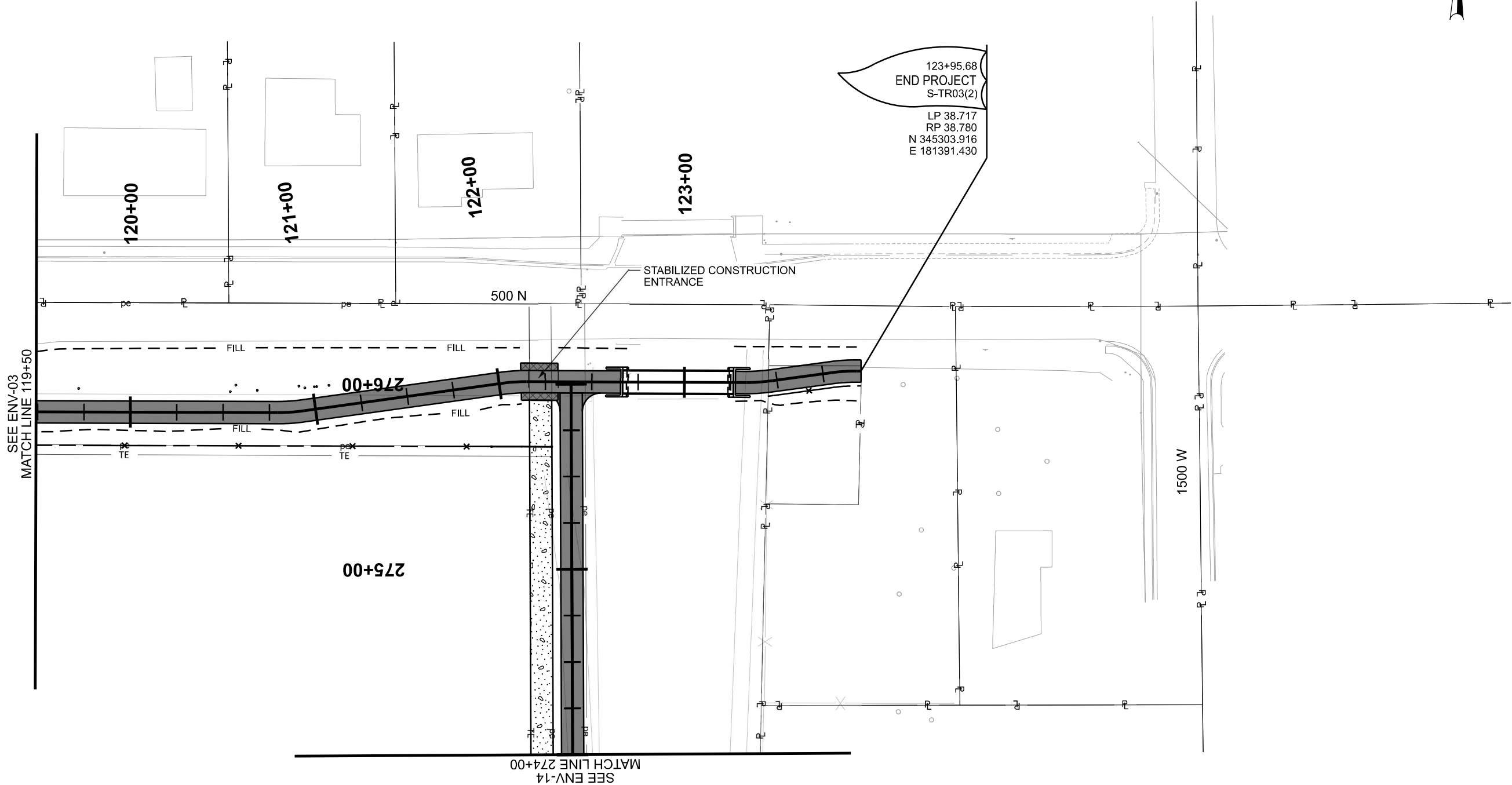
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PROJECT NUMBER		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		AW	
EROSION CONTROL								4/6/2026		QC CHECKED BY		JDS	
										DATE		DATE	
								PROFESSIONAL ENGINEER		APPROVED BY		NO.	
										DATE		REMARKS	
ENV-02													
SHEET NO.													

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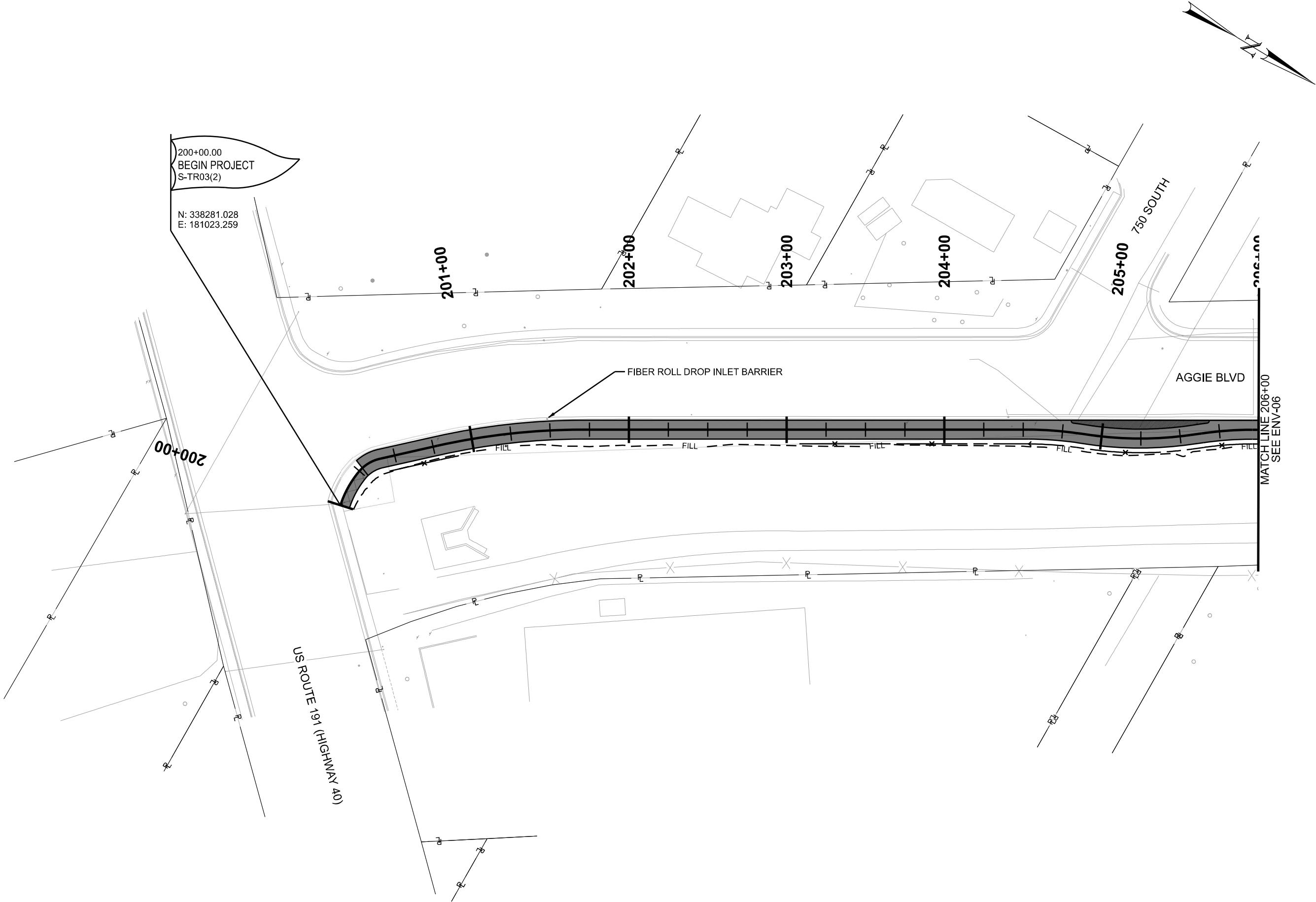
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PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING		DRAWN BY		AW			
		S-TR03(2)		APPROVED		QC		CHECKED BY			
		EROSION CONTROL		PROFESSIONAL ENGINEER		4/6/2026		DATE		JDS	
										APPROVED BY	
										NO.	
										DATE	
										REMARKS	

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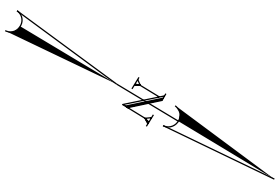


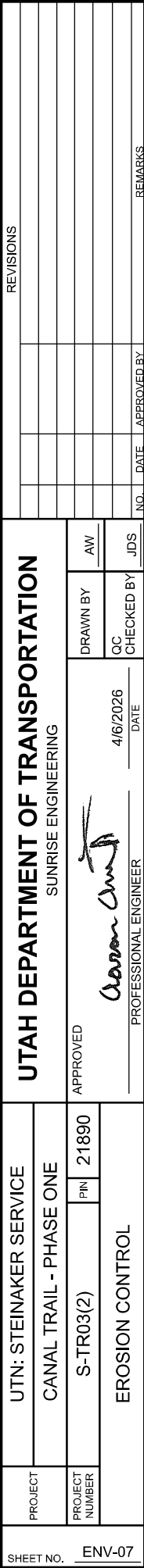
PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING		DRAWN BY		NO.		DATE	
		S-TR03(2)		APPROVED		QC					
		EROSION CONTROL		PROFESSIONAL ENGINEER		CHECKED BY				APPROVED BY	
				4/6/2026		DATE				REMARKS	

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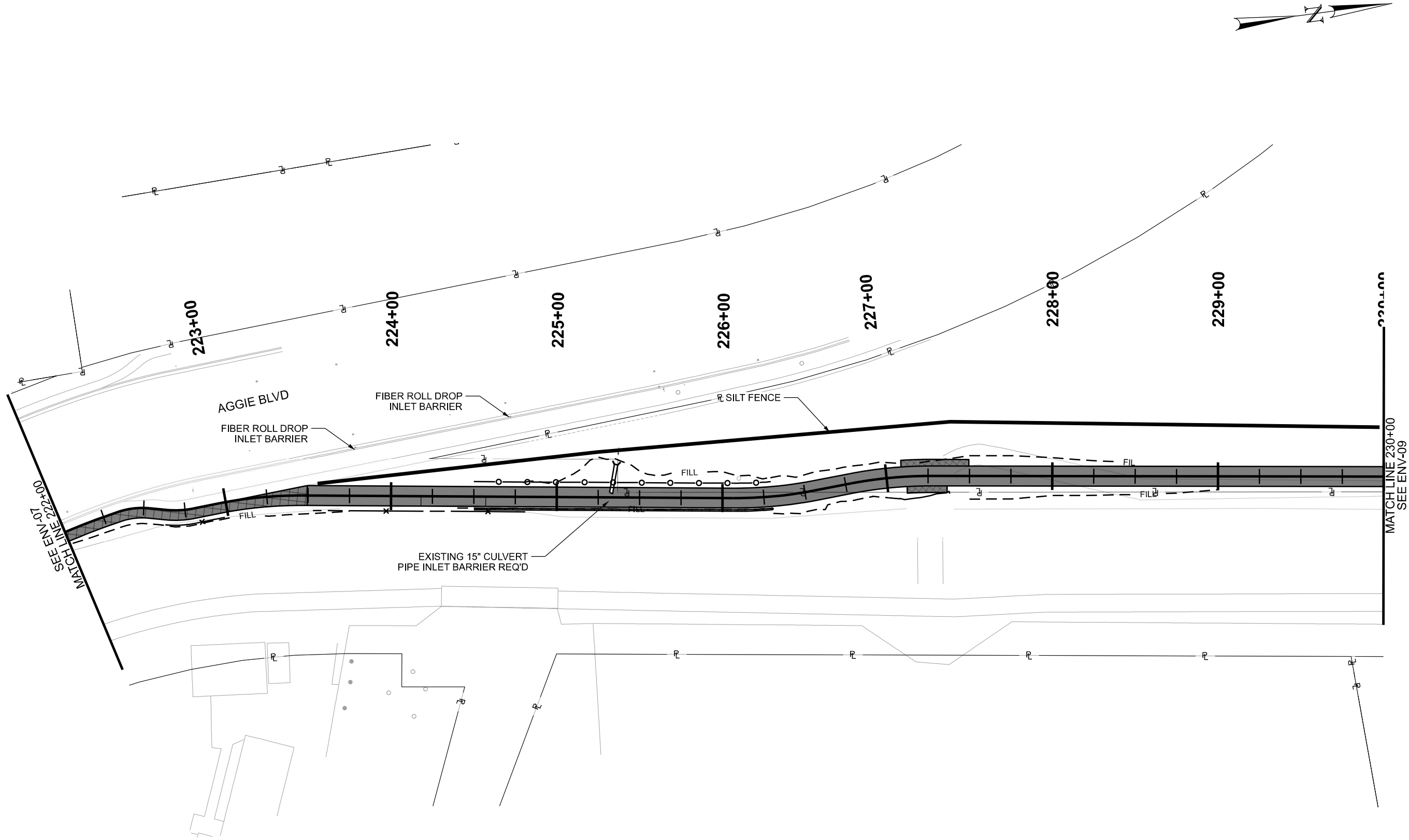


PROJECT		UTN: STEINAKER SERVICE		REVISIONS			
PROJECT NUMBER		CANAL TRAIL - PHASE ONE					
		S-TR03(2)					
		PIN					
		21890					
		EROSION CONTROL					
		APPROVED		UTAH DEPARTMENT OF TRANSPORTATION			
				SUNRISE ENGINEERING			
				DRAWN BY		DATE	
				AW		NO.	
				QC		DATE	
				CHECKED BY		APPROVED BY	
				JDS		DATE	
				4/6/2026		REMARKS	
				PROFESSIONAL ENGINEER			
				SHEET NO.		ENV-05	

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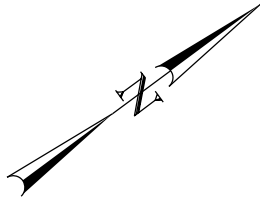


PROJECT		UTN: STEINAKER SERVICE		REVISIONS			
		CANAL TRAIL - PHASE ONE					
PROJECT NUMBER	S-TR03(2)	PIN	21890	APPROVED		DRAWN BY	
				AW		QC	
EROSION CONTROL				4/6/2026		CHECKED BY	
						JDS	
SHEET NO. ENV-08				PROFESSIONAL ENGINEER		APPROVED BY	
				DATE		NO.	
				DATE		DATE	
				REMARKS		REMARKS	

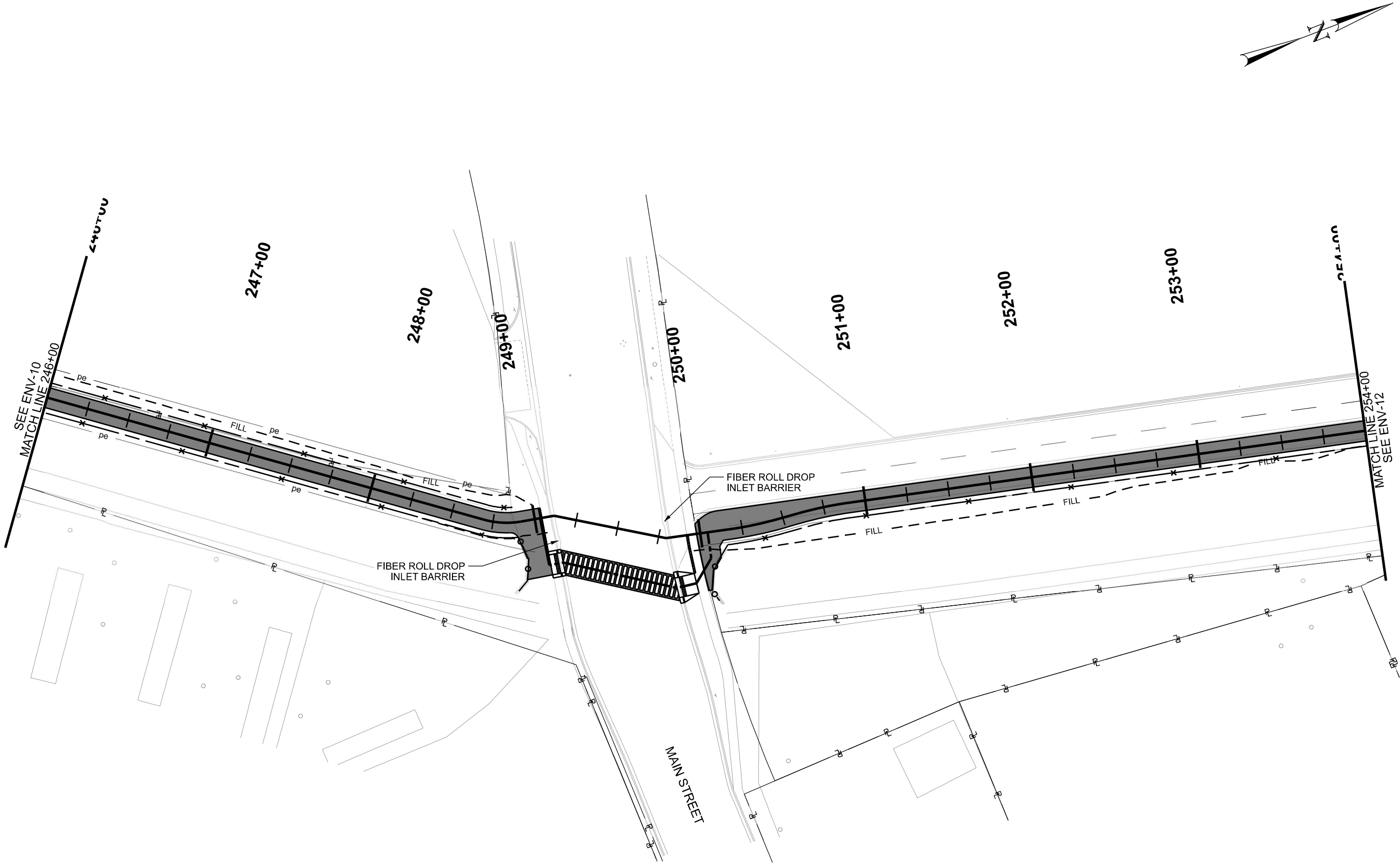
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PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION										REVISIONS	
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING											
		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		AW			
		EROSION CONTROL						4/6/2026		QC CHECKED BY					
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												DATE		APPROVED BY	
														REMARKS	

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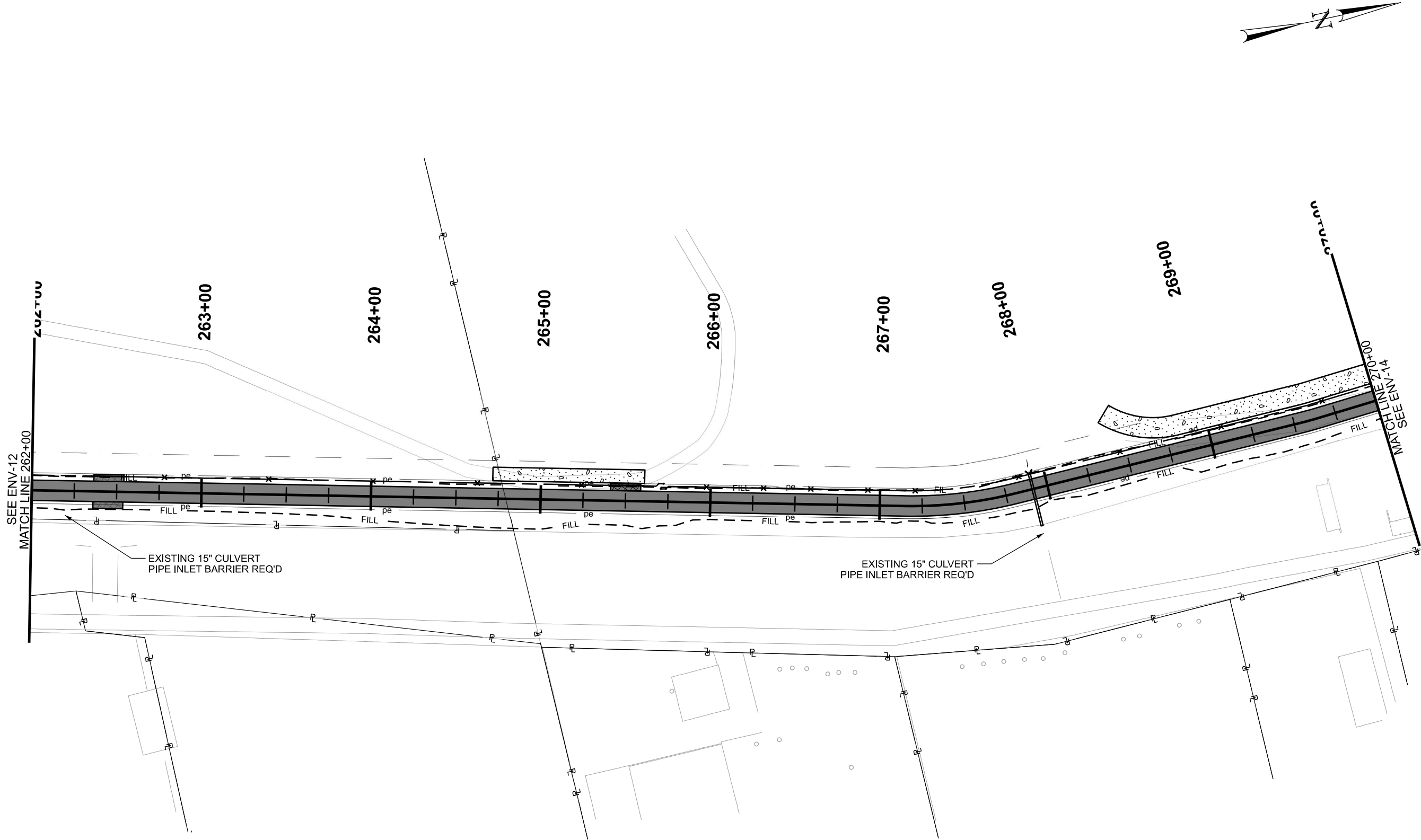
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PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION						REVISIONS			
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING									
		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		AW	
		EROSION CONTROL								QC CHECKED BY			
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								DATE		APPROVED BY		REMARKS	
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										</			

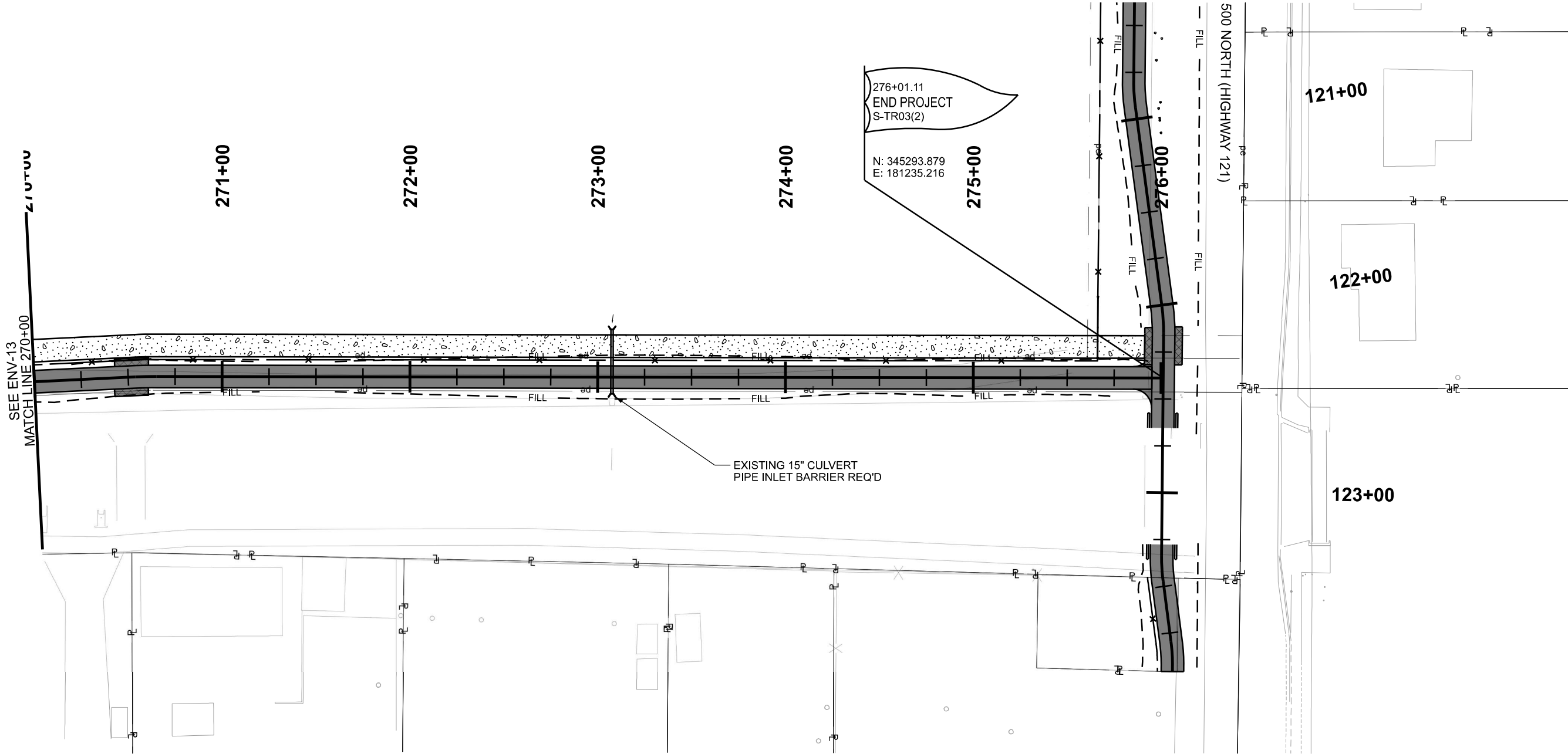
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PROJECT		UTN: STEINAKER SERVICE		UTAH DEPARTMENT OF TRANSPORTATION										REVISIONS							
PROJECT NUMBER		CANAL TRAIL - PHASE ONE		SUNRISE ENGINEERING																	
		S-TR03(2)		PIN		21890		APPROVED		DRAWN BY		AW									
		EROSION CONTROL						PROFESSIONAL ENGINEER		4/6/2026		QC CHECKED BY									
										DATE		JDS		NO.		DATE		APPROVED BY		REMARKS	

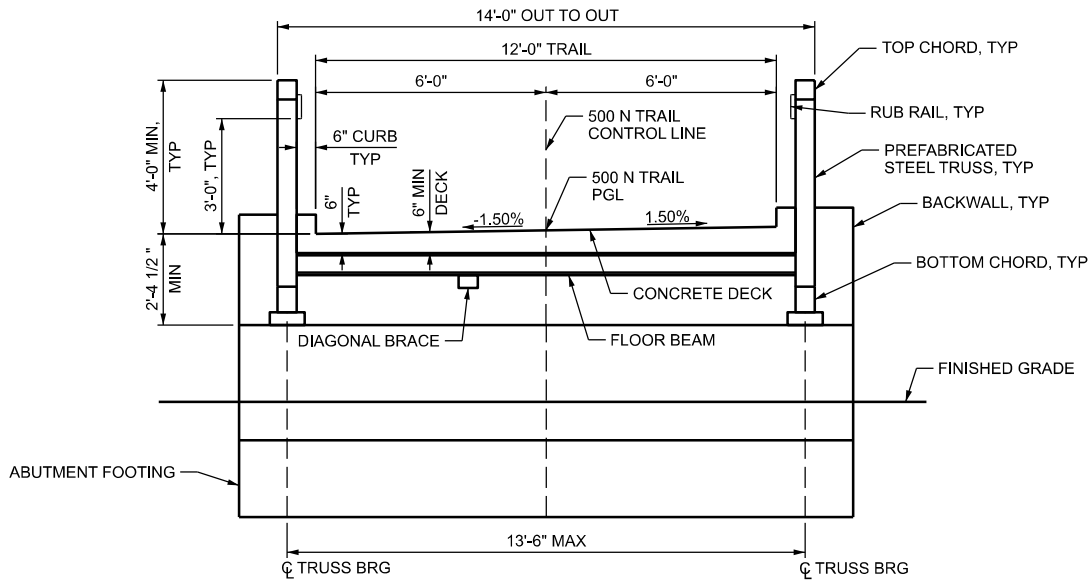
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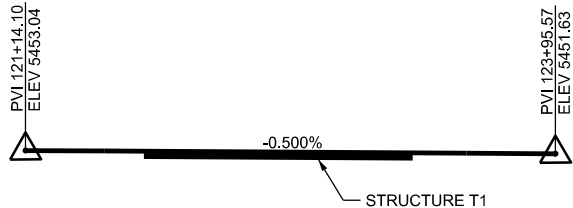
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		S-TR03(2)		APPROVED		QC					
		PIN		4/6/2026		CHECKED BY				APPROVED BY	
		21890		DATE		JDS				REMARKS	
		EROSION CONTROL		PROFESSIONAL ENGINEER							

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27-JAN-2026



SECTION THROUGH STRUCTURE



500 N TRAIL PROFILE

DESIGN DATA

H10 VEHICULAR AND 90 PSF PEDESTRIAN LOADING IN ACCORDANCE WITH AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, SECOND EDITION WITH 2015 INTERIMS AND THE UDOT STRUCTURES DESIGN AND DETAILING MANUAL, 2022 WITH 2023 INTERIM REVISIONS, SEISMIC DESIGN IN ACCORDANCE WITH AASHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN, 2ND EDITION 2011 WITH 2022 INTERIM REVISIONS.

STRUCTURAL CONCRETE
ALL LOCATIONS UNLESS SHOWN OTHERWISE
145 PCF $f_c = 4.0$ KSI
 $n = 7$ CLASS AA(AE)

CONCRETE WEIGHT FOR LOADS 150 PCF UNLESS SHOWN OTHERWISE

REINFORCING STEEL
ALL LOCATIONS UNLESS SHOWN OTHERWISE
 $f_y = 60$ KSI

STRUCTURAL STEEL
ALL LOCATIONS UNLESS SHOWN OTHERWISE
 $F_y = 50$ KSI (GRADE 50)

SEISMIC: 7% PROBABILITY OF EXCEEDANCE IN 75 YR DESIGN EVENT
 $P_gA = 0.10g$, $S_s = 0.19g$, $S_1 = 0.06g$
 $A_s = 0.25g$, $S_Ds = 0.23g$, $S_{D1} = 0.10g$

SITE CLASS C, SDC A
BRIDGE CLASSIFICATION - NORMAL

GENERAL NOTES

- USE COATED DEFORMED CARBON STEEL BARS CONFORMING TO ASTM A767 OR ASTM A775 AND AASHTO M31 GRADE 60, UNLESS SHOWN OTHERWISE.
- USE STRUCTURAL STEEL CONFORMING TO AASHTO M270 GRADE 50, UNLESS SHOWN OTHERWISE.
- CHAMFER EXPOSED CONCRETE CORNERS 3/4 INCH UNLESS SHOWN OTHERWISE.
- PROVIDE 2 INCH MINIMUM CONCRETE COVER TO REINFORCING STEEL UNLESS SHOWN OTHERWISE.
- VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION. PROTECT EXISTING UTILITIES IN PLACE UNLESS SHOWN OTHERWISE.
- COAT OR GALVANIZE MISCELLANEOUS STEEL PLACED IN STRUCTURAL CONCRETE, UNLESS SHOWN OTHERWISE.
- DO NOT SCALE DRAWINGS, HORIZONTAL DIMENSIONS ARE PLAN, VERTICAL DIMENSIONS ARE PLUMB.
- BRIDGE DECK CONCRETE AND REINFORCEMENT IS INCIDENTAL TO PREFABRICATED STEEL TRUSS BRIDGE AND WILL NOT BE INCLUDED IN LISTED QUANTITIES.

DESIGN LOADS	P (LB)	H (LB)	L _T (LB)	L _s (LB)
DEAD (DC)	17900	N/A	N/A	N/A
DEAD (DW) (0 psf)	0	N/A	N/A	N/A
LIVE (PL) (90 psf)	17100	N/A	N/A	N/A
VEHICLE (LL) (H10)	11800	N/A	N/A	N/A
WIND (WS) (115 mph)	+/-1400	6100	N/A	N/A
OVERTURNING (WS _{vw}) (20 psf)	-5600	N/A	N/A	N/A
OVERTURNING (WS _{vl}) (20 psf)	-2000	N/A	N/A	N/A
STREAM (WA) (0 fps)	+/-0	0	N/A	N/A
SNOW (SL) (0 psf)	8200	N/A	N/A	N/A
THERMAL (TU) (12.5% of DL)	N/A	N/A	23100	N/A
SEISMIC (EQ)	N/A	22180	N/A	11090

P - VERTICAL LOAD EACH BEARING
H - HORIZONTAL LOAD EACH ABUTMENT
L_T - LONGITUDINAL THERMAL LOAD EACH BEARING (4 PER BRIDGE)
L_s - LONGITUDINAL SEISMIC LOAD EACH FIXED BEARING (2 PER BRIDGE)
WS_{vw} - OVERTURNING ON WINDWARD TRUSS
WS_{vl} - OVERTURNING ON LEEWARD TRUSS

AS-BUILT PREFABRICATED STEEL TRUSS NOTES

- VERTICAL GEOMETRY IS BASED ON VERTICAL STRUCTURE DEPTH OF 1'-10 1/2" AS SHOWN IN "SECTION THROUGH STRUCTURE" ON THIS DRAWING. EXCLUDES HEIGHT OF BEARING ASSEMBLY.
- PROVIDE REQUIRED THERMAL EXPANSION TOLERANCE AT EXPANSION BEARING PER "ABUTMENT DETAILS" SHEET "JOINT DATA TABLE".
- DESIGN LOADS ARE FOR INFORMATION ONLY. SUBMIT FINAL LOADS FOR REVIEW TO RESIDENT ENGINEER. VALUES SHOWN MUST BE VERIFIED BY STEEL TRUSS MANUFACTURER.

UTAH DEPARTMENT

OF
TRANSPORTATION

STRUCTURES DIVISION
WILSON AND COMPANY

UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE

500 N TRAIL OVER STEINAKER CANAL

SITUATION AND LAYOUT 2 OF 2

PROJECT
NUMBER

S-TR03(2)

PIN 21890

UINTAH
COUNTY

T1

STRUCTURE NUMBER

T1

DRAWING NUMBER

SHEET 2 OF 8

REVISION REMARKS

DESIGN KJK 10/25

CHECK DF 10/25

DRAWN JDF 10/25

CHECK DF 10/25

3/17/2026
DATE
ENGINEER OF RECORD
(ECR)

BORING LOG EXPLANATION SHEET

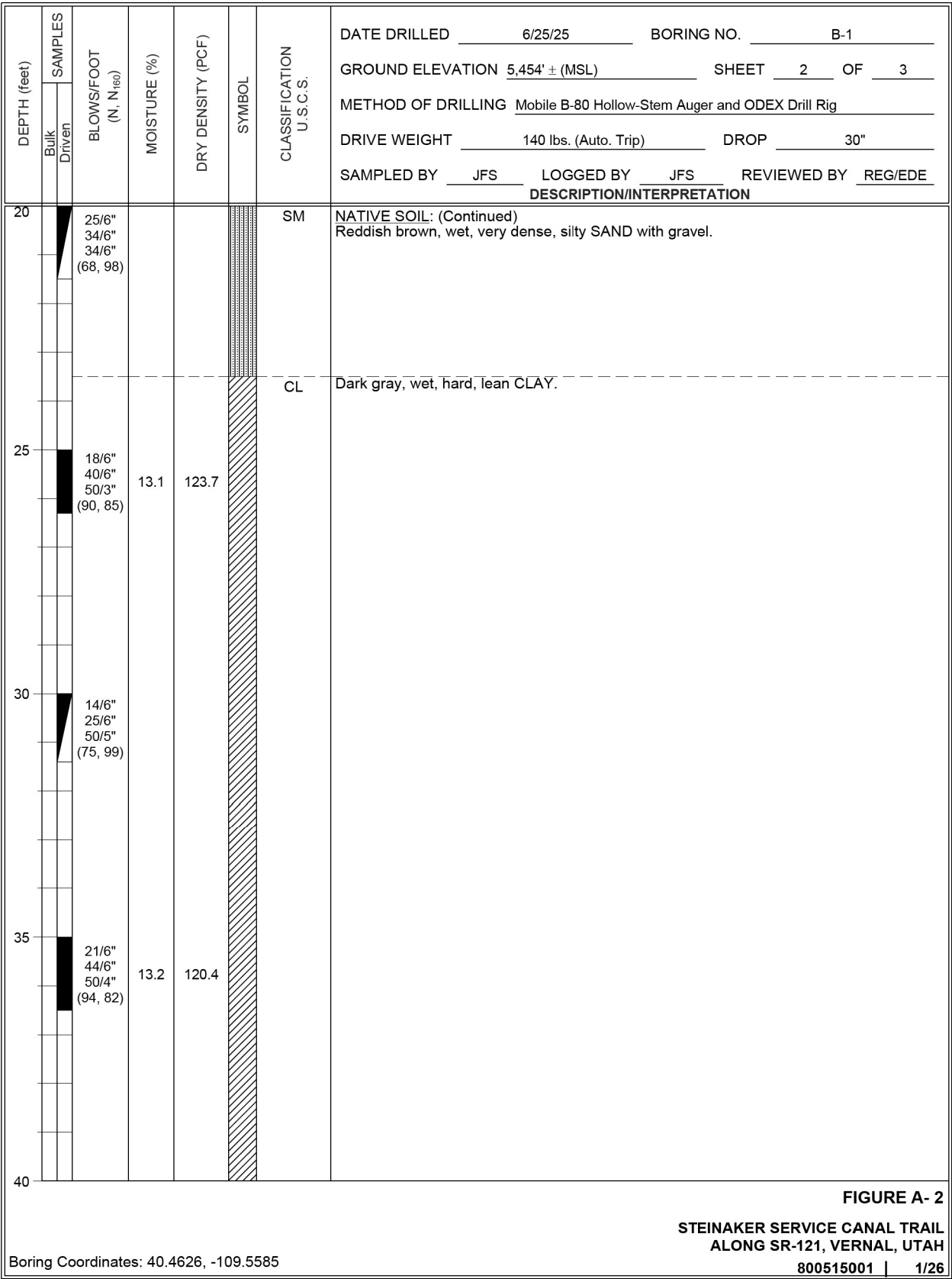
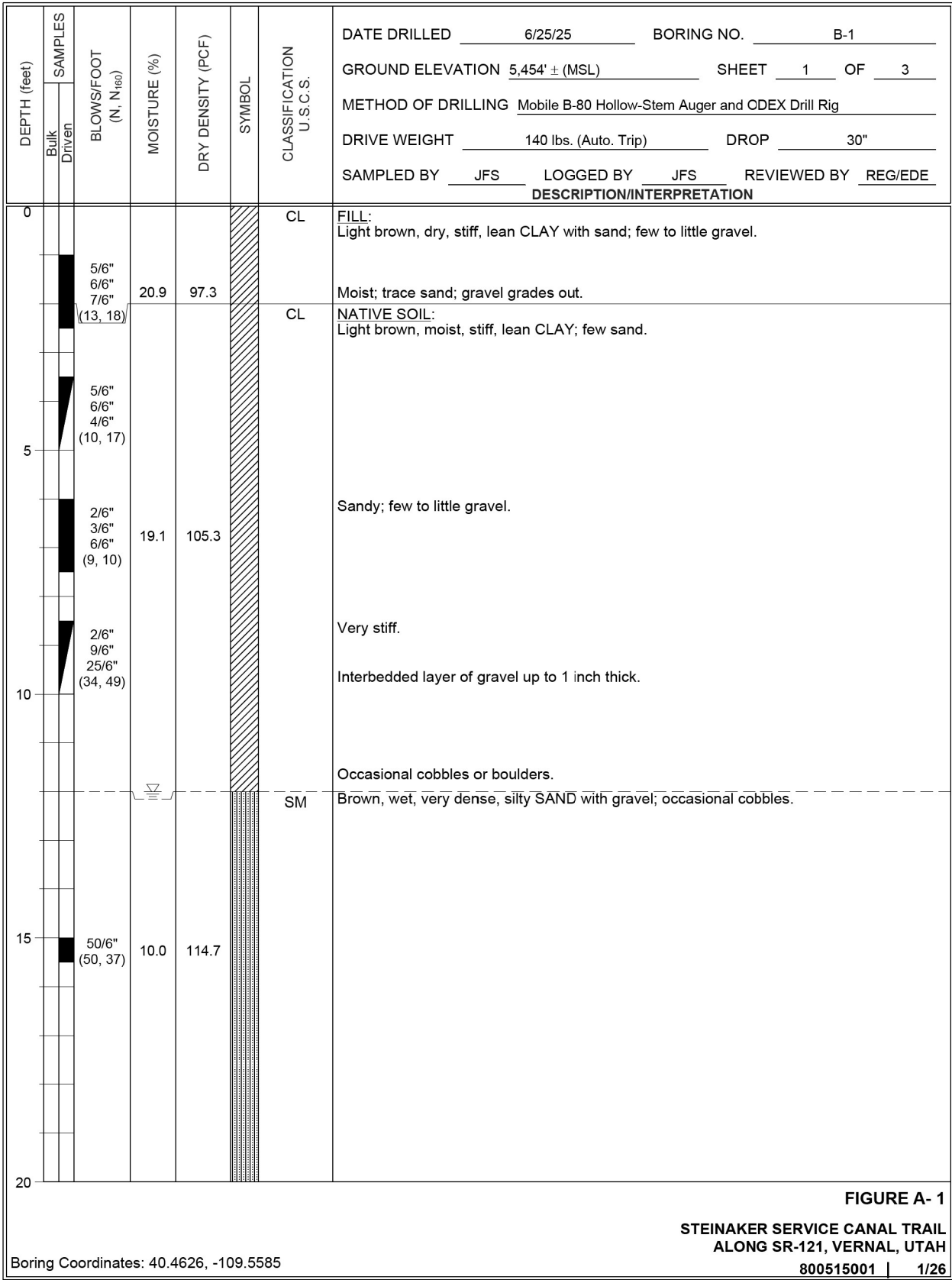


LEGEND

 BOREHOLE LOCATIONS

UTAH DEPARTMENT OF TRANSPORTATION		STRUCTURES DIVISION		NINYO & MOORE	
UTN; STEINAKE SERVICE CANAL TRAIL-PHASE ONE		500 N TRAIL OVER STEINAKE CANAL		SOIL DATA SHEET 1 OF 5	
PROJECT NUMBER		S-TR03(2)		PIN 21890	
UINTAH COUNTY		T1		STRUCTURE NUMBER	
DRAWING NUMBER		T1		DRAWING NUMBER	
SHEET 3A		OF 8		DATE 3/24/2026	
BY		DATE		REVISION REMARKS	
DESIGN		JMS 11/25		CHECK REG 11/25	
DRAWN		JDF 11/25		CHECK REG 11/25	

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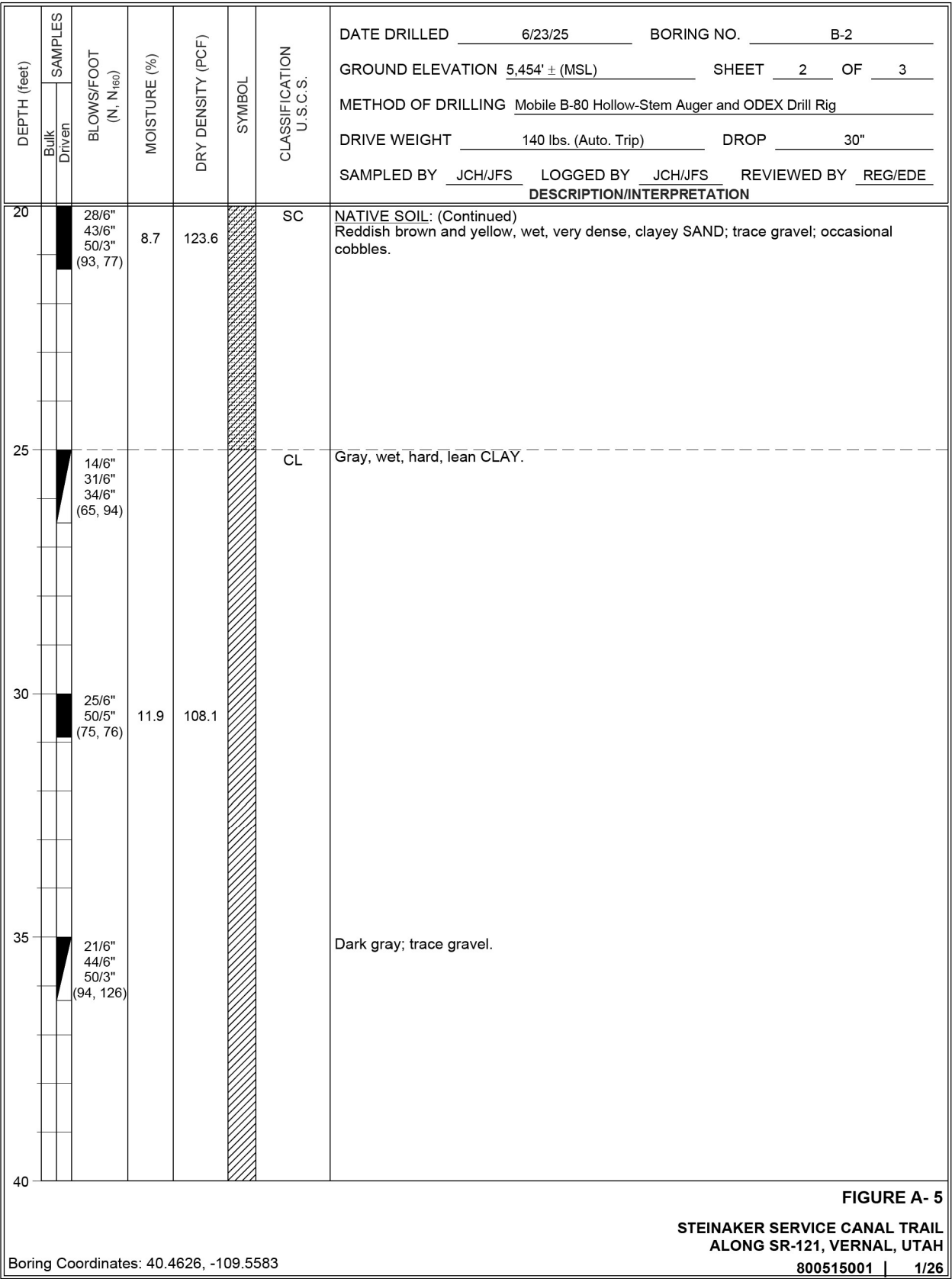
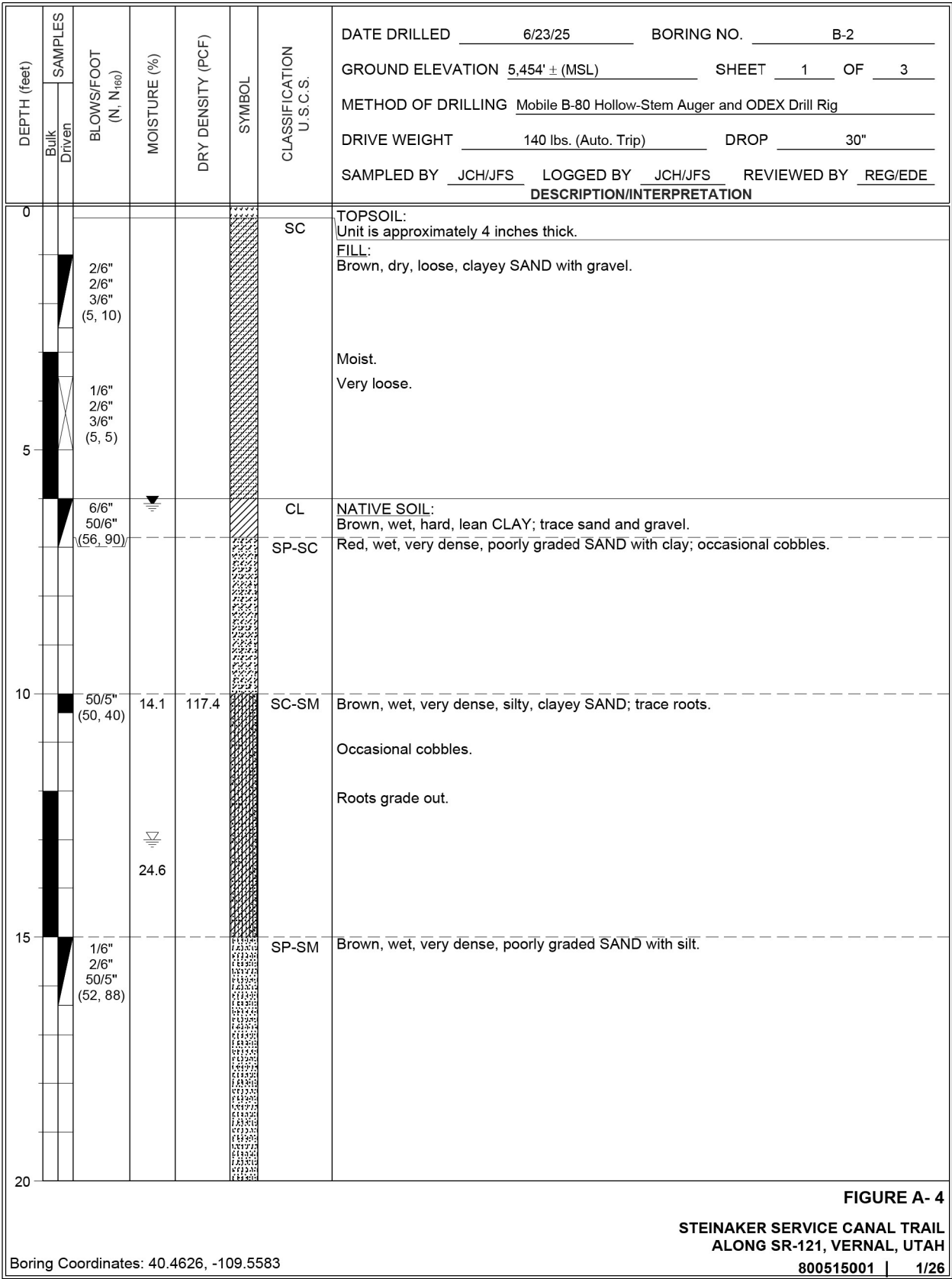


UTAH DEPARTMENT OF TRANSPORTATION STRUCTURES DIVISION NINYO & MOORE		UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE 500 N TRAIL OVER STEINAKER CANAL SOIL DATA SHEET 2 OF 5 PROJECT NUMBER S-TR03(2) PIN 21890		UINTAH COUNTY T1 STRUCTURE NUMBER T1 DRAWING NUMBER SHEET 3B OF 8	
REV NO	DATE	BY	REVISION REMARKS		
3/24/2026	DATE	3/24/2026	DESIGN JMS	11/25	CHECK REG
			DRAWN JDF	11/25	CHECK REG
3/24/2026			ENGINEER OF RECORD		



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1/27/2026



UTAH DEPARTMENT OF TRANSPORTATION		STRUCTURES DIVISION		NINYO & MOORE	
UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE		500 N TRAIL OVER STEINAKER CANAL		SOIL DATA SHEET 4 OF 5	
PROJECT NUMBER		S-TR03(2)		PIN 21890	
SHEET 3D OF 8		DRAWING NUMBER		T1	
COUNTY		UINTAH		T1	
STRUCTURE NUMBER		T1		T1	
REVISION REMARKS		DESIGN JMS 11/25		CHECK REG 11/25	
DATE 3/24/2026		BY		DRAWN JDF 11/25	
ENGINEER OF RECORD		3/24/2026		CHECK REG 11/25	

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DEPTH (feet)	SAMPLES	BLOWS/FOOT (N ₁₆₀)	MOISTURE (%)	DRY DENSITY (PCF)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED 6/23/25 BORING NO. B-2
							GROUND ELEVATION 5.454' ± (MSL) SHEET 3 OF 3
METHOD OF DRILLING Mobile B-80 Hollow-Stem Auger and ODEX Drill Rig							
DRIVE WEIGHT 140 lbs. (Auto. Trip) DROP 30"							
SAMPLED BY JCH/JFS LOGGED BY JCH/JFS REVIEWED BY REG/EDE							
DESCRIPTION/INTERPRETATION							
40	█	50/2" (50, 45)	12.8	129.9	///	CL	NATIVE SOIL: (Continued) Dark gray, wet, hard, lean CLAY; trace gravel. Total Depth = 40.2 feet. Groundwater was encountered at a depth of approximately 13.0 feet during drilling and approximately 6.1 feet about 24 hours after drilling. Backfilled on 6/25/25. Notes: Hammer Efficiency: 80% Groundwater may rise to a level higher than that measured in borehole due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
45							
50							
55							
60							

FIGURE A- 6

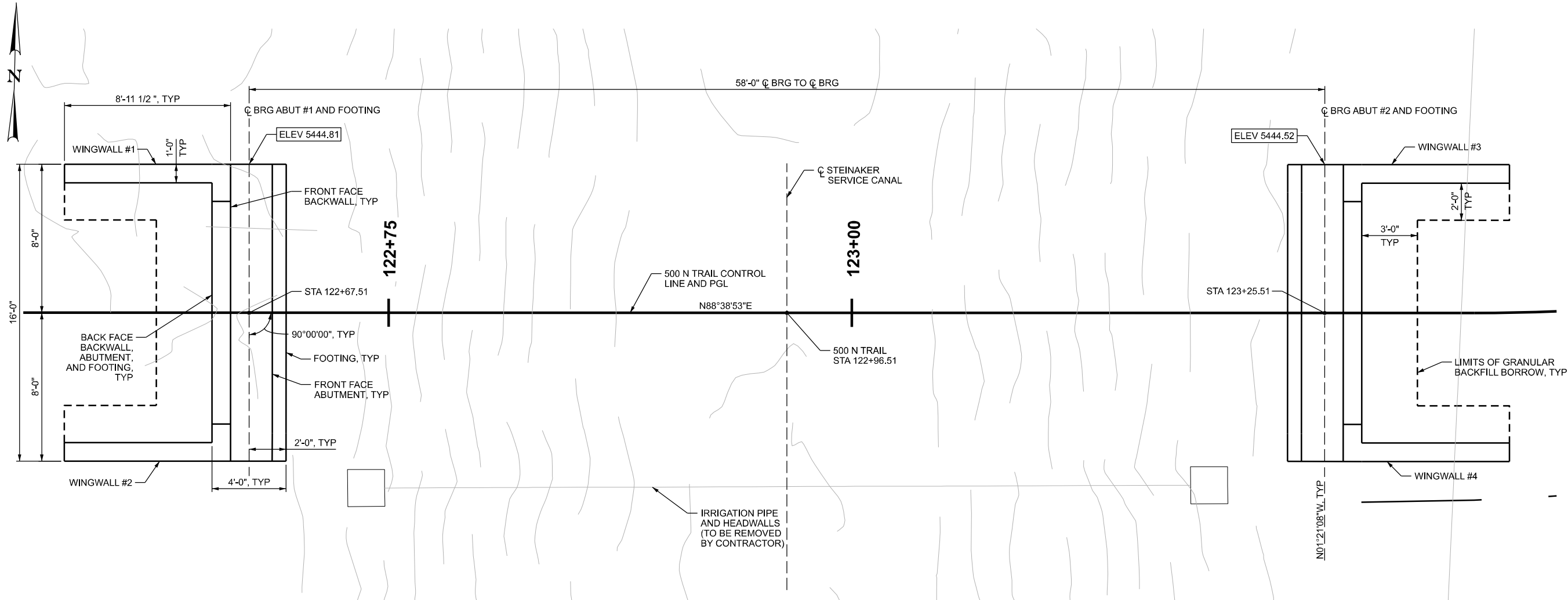
STEINAKER SERVICE CANAL TRAIL
ALONG SR-121, VERNAL, UTAH

800515001 | 1/26

Boring Coordinates: 40.4626, -109.5583

UTAH DEPARTMENT OF TRANSPORTATION		UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE		500 N TRAIL OVER STEINAKER CANAL		SOIL DATA SHEET 5 OF 5		PROJECT NUMBER		S-TR03(2)		PIN		21890	
UTAH COUNTY		T1		STRUCTURE NUMBER		T1		DRAWING NUMBER		SHEET 3E		OF 8			
REVISION REMARKS		DESIGN JMS 11/25		CHECK REG 11/25		DRAWN JDF 11/25		CHECK REG 11/25							
DATE 3/24/2026		BY		DATE		DATE		DATE		DATE		DATE		DATE	
ENGINEER OF RECORD		NINYO & MOORE		STRUCTURES DIVISION		NINYO & MOORE		NINYO & MOORE		NINYO & MOORE		NINYO & MOORE		NINYO & MOORE	

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FOUNDATION PLAN

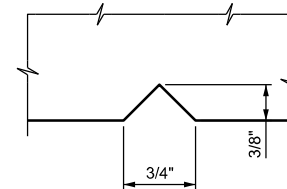
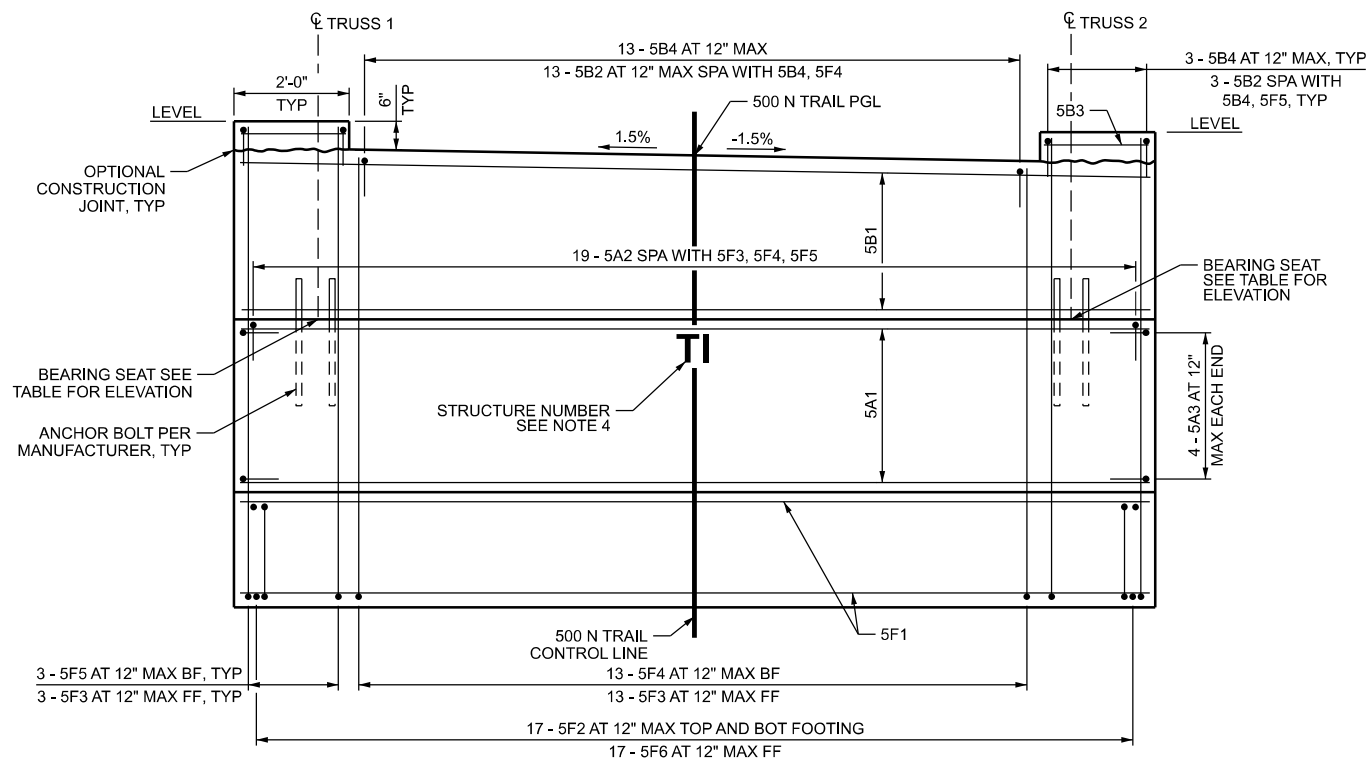
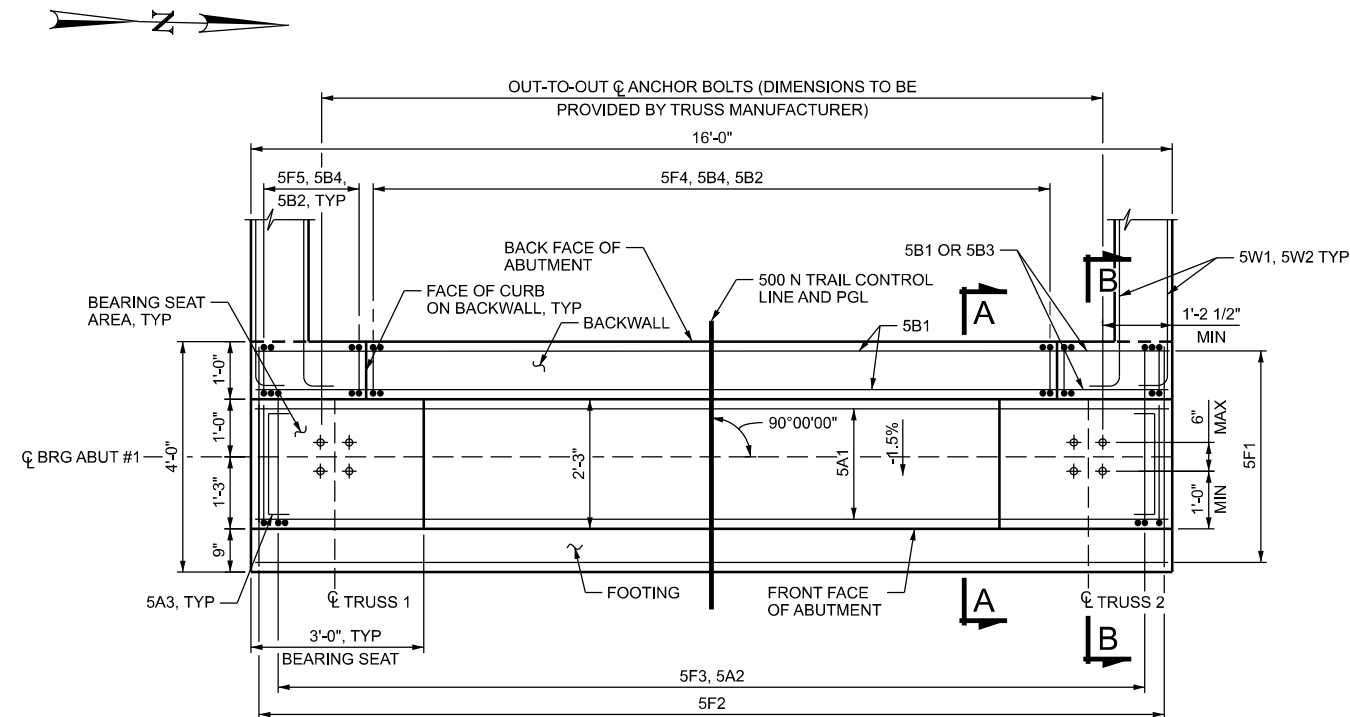
FOUNDATION DATA			
	STRENGTH 1	SERVICE 1	EXTREME EVENT
ϕ_b	0.45	0.45	1.00
q_R	4.00 KSF	2.20 KSF @ 1"	4.00 KSF
q_{MAX}	2.85 KSF	2.11 KSF	3.52 KSF
R_R	12.34 KLF	18.64 KLF	14.94 KLF
R_{MAX}	5.65 KLF	7.80 KLF	10.11 KLF
e_R	+/- 1.33 FT	+/- 1.33 FT	+/- 1.40 FT
E_{MAX}	1.78 FT	2.08 FT	1.13 FT
E_{MIN}	2.06 FT	2.11 FT	1.15 FT

ECCENTRICITY IS MEASURED FROM THE TOE OF THE FOOTING.

NOTES

- ELEVATIONS ENCLOSED IN RECTANGLES INDICATE BOTTOM OF FOOTING ELEVATIONS.
- UTILITY LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
- GRANULAR BACKFILL BORROW EXTENDS FROM THE BOTTOM OF THE ABUTMENT AND WINGWALL TO THE PAVEMENT SECTION.
- ALL DIMENSIONS SHOWN ON ABUTMENTS ARE TYPICAL FOR BOTH ABUTMENTS.
- BOTTOM OF FOUNDATIONS ARE LEVEL.
- SEE "SOIL DATA SHEET 1 OF 5" TO "SOIL DATA SHEET 5 OF 5" FOR SOIL BORING INFORMATION.

UTAH DEPARTMENT OF TRANSPORTATION		UTAH COUNTY	
STRUCTURES DIVISION		T1	
WILSON AND COMPANY		T1	
PROJECT NUMBER		DRAWING NUMBER	
S-TR03(2)		T1	
PIN		21890	
UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE		500 N TRAIL OVER STEINAKER CANAL	
FOUNDATION PLAN		FOUNDATION PLAN	
REVISION REMARKS		DESIGN	
JMS		11/25	
CHECK		D.J.L.	
11/25		11/25	
DRAWN		J.D.F.	
CHECK		D.J.L.	
11/25		11/25	
ENGINEER OF RECORD		4/2/2026	
DATE		4/2/2026	



BEARING SEAT ELEVATIONS		
TRUSS	ABUT #1 ELEV	ABUT #2 ELEV
TRUSS #1	5449.81	5449.52
TRUSS #2	5449.81	5449.52

1. SEE "ABUTMENT DETAILS" FOR SECTION A-A AND SECTION B-B.
2. SEE "WINGWALL DETAILS" FOR WINGWALL REINFORCEMENT.
3. ANCHOR BOLT LOCATIONS SHOWN IN PLANS AND ELEVATIONS ARE SCHEMATIC ONLY. SEE MANUFACTURER WORKING DRAWINGS FOR ACTUAL LOCATIONS. NOTIFY ENGINEER IF ANCHOR BOLT LOCATIONS OCCUR OUTSIDE SPECIFIED LIMITS.
4. CENTER STRUCTURE NUMBER ON FACE OF ABUTMENT. PLACE TOP OF STRUCTURE NUMBER 3" BELOW BEARING SEAT. USE 6" TALL LETTERS.

UTAH DEPARTMENT OF TRANSPORTATION STRUCTURES DIVISION WILSON AND COMPANY		UTAH DEPARTMENT OF TRANSPORTATION STRUCTURES DIVISION WILSON AND COMPANY	
UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE		UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE	
500 N TRAIL OVER STEINAKER CANAL		500 N TRAIL OVER STEINAKER CANAL	
ABUTMENT PLAN AND ELEVATION		ABUTMENT PLAN AND ELEVATION	
PROJECT NUMBER	S-TR03(2)	PIN	21890
UINTAH COUNTY		UINTAH COUNTY	
T1 STRUCTURE NUMBER		T1 STRUCTURE NUMBER	
T1 DRAWING NUMBER		T1 DRAWING NUMBER	
SHEET	5	OF	8



JOINT DATA TABLE

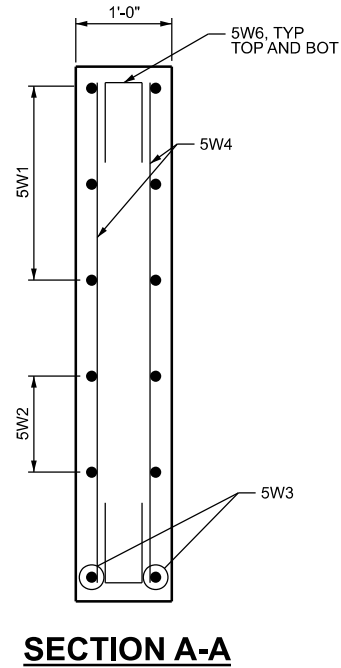
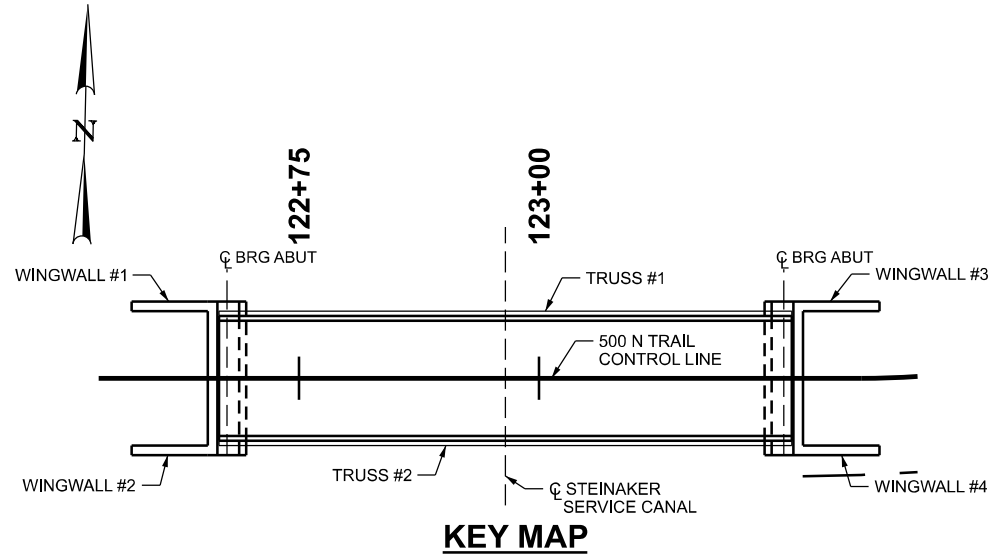
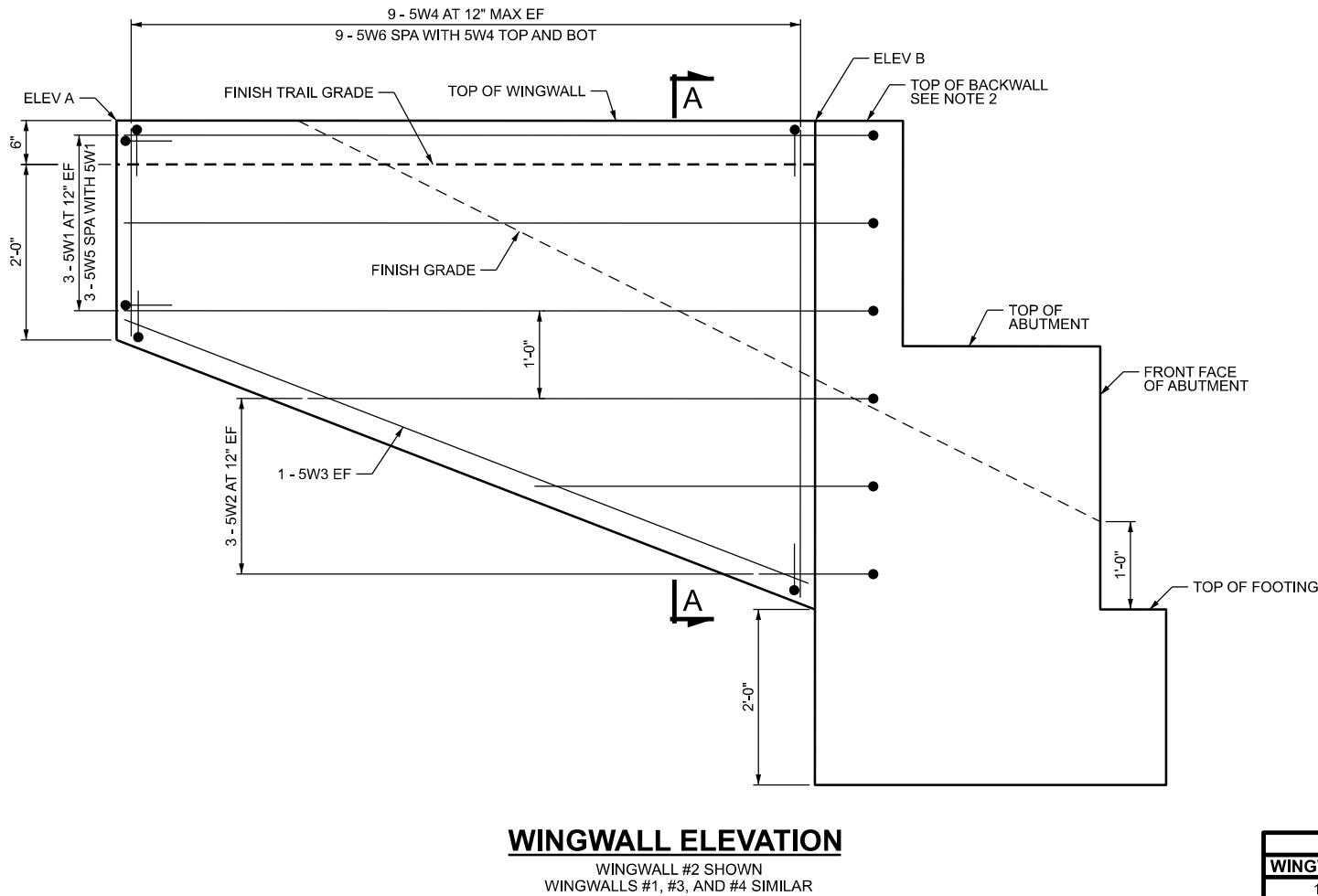
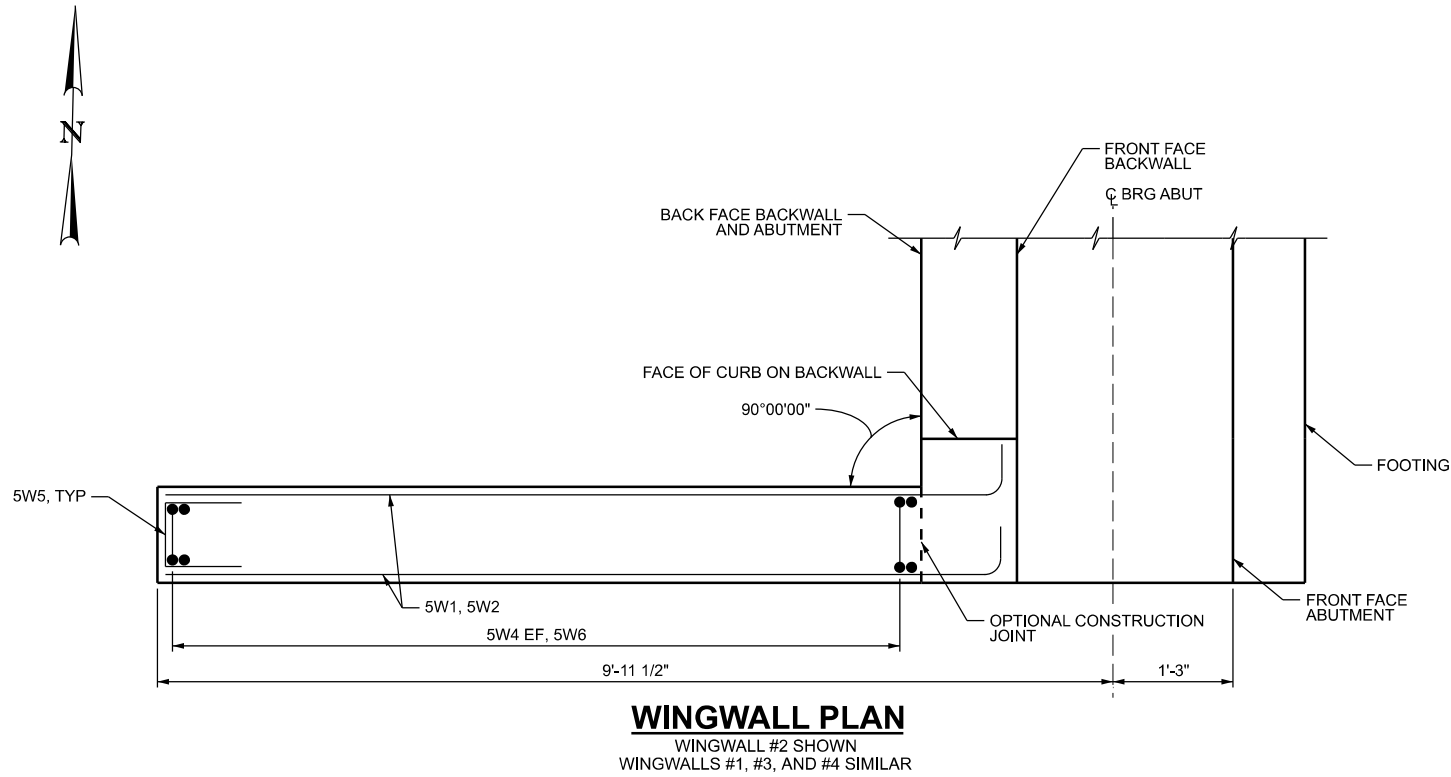
- ## **NOTES**
1. SEE "ABUTMENT PLAN AND ELEVATION" FOR ADDITIONAL REINFORCING DETAILS.
 2. SEE PREFABRICATED TRUSS SHOP DRAWINGS FOR BRIDGE BEARING DETAILS.
 3. SLOPE TOP OF THE BACKWALL TO MATCH BRIDGE PROFILE.
 4. SEE "ABUTMENT PLAN AND ELEVATION" FOR LOCATION OF SECTIONS A-A AND B-B.
 5. USE THE JOINT WIDTH "A" AT INSTALLATION BASED ON THE TEMPERATURE CLOSEST TO THE INSTALLATION TEMPERATURE
 6. PROVIDE SLIP RESISTANT FINISH WITH A MINIMUM STATIC COEFFICIENT OF FRICTION OF 0.60 PER ASTM C1028 TEST METHOD C ON A DRY SURFACE.
 7. INSTALL COMPRESSION SEAL IN CONFORMANCE WITH MANUFACTURERS INSTRUCTIONS
 8. PROVIDE ANCHOR BOLT PROJECTION AS REQUIRED PER MANUFACTURER SPECIFICATION AS INDICATED ON APPROVED SHOP DRAWINGS.

**UTAH DEPARTMENT
OF
TRANSPORTATION**
STRUCTURES DIVISION
WILSON AND COMPANY

RAIL OVER STEINAKER CANAL	
ABUTMENT DETAILS	
S-TR03(2)	PIN 21890

UINTAH
 COUNTY
 T1
 STRUCTURE NUMBER
 T1
 DRAWING NUMBER
 SHEET 6 OF 8

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TOP OF WINGWALL ELEVATIONS		
WINGWALL	ELEV A	ELEV B
1	5452.73	5452.69
2	5452.91	5452.87
3	5452.34	5452.38
4	5252.52	5452.56

NOTES

1. ABUTMENT REINFORCEMENT NOT SHOWN FOR CLARITY. SEE "ABUTMENT PLAN AND ELEVATION" FOR ABUTMENT REINFORCEMENT DETAILS.
2. SLOPE ON TOP OF BACKWALL TO MATCH TRAIL PROFILE.

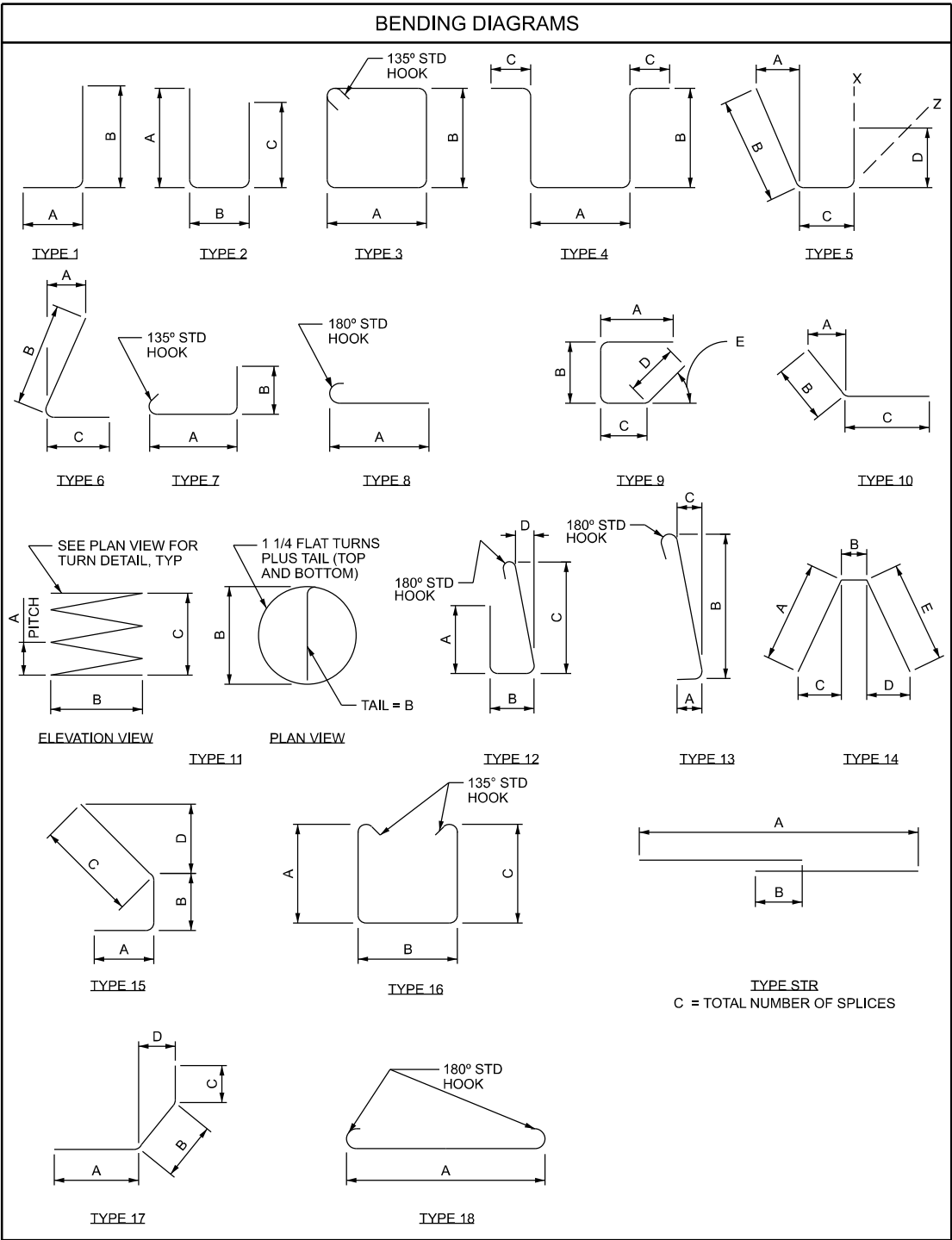
UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE		UTAH DEPARTMENT OF TRANSPORTATION																					
500 N TRAIL OVER STEINAKER CANAL		STRUCTURES DIVISION																					
WINGWALL DETAILS		WILSON AND COMPANY																					
PROJECT NUMBER		S-TR03(2)		PIN		21890																	
UINTAH COUNTY																							
T1				STRUCTURE NUMBER																			
T1				DRAWING NUMBER																			
SHEET				7				OF				8											

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27-JAN-2026

SUMMARY OF COATED BARS - AASHTO M 31 GRADE 60
3014'-10 1/2" OF NUMBER 5 BARS AT 1.043 LBS/FT = 3145 LBS

MARK	LOCATION	SIZE	NO. BARS	TYPE	LENGTH	TOTAL LENGTH	DIMENSIONS					SERIES INC	REMARKS
							A	B	C	D	E		
F1	FOOTING	5	20	STR	15'-8"	313'-4"	15'-8"						
F2	FOOTING	5	68	STR	3'-8"	249'-4"	3'-8"						
F3	FOOTING	5	26	1	5'-5"	140'-10"	4'-7"	0'-10"					
F4	FOOTING	5	26	1	7'-10"	203'-8"	7'-0"	0'-10"					
F5	FOOTING	5	12	1	8'-4"	100'-0"	7'-6"	0'-10"					
F6	FOOTING	5	34	2	3'-3"	110'-6"	0'-10"	1'-7"	0'-10"				
A1	ABUTMENT	5	20	STR	15'-8"	313'-4"	15'-8"						
A2	ABUTMENT	5	38	2	4'-7"	174'-2"	0'-10"	2'-11"	0'-10"				
A3	ABUTMENT	5	16	2	3'-7"	57'-4"	0'-10"	1'-11"	0'-10"				
B1	BACKWALL	5	12	STR	15'-8"	188'-0"	15'-8"						
B2	BACKWALL	5	38	2	2'-4"	88'-8"	0'-10"	0'-8"	0'-10"				
B3	BACKWALL	5	8	STR	1'-8"	13'-4"	1'-8"						
B4	BACKWALL	5	38	STR	5'-3"	199'-6"	5'-3"						
W1	WINGWALL	5	24	1	9'-6"	228'-0"	8'-8"	0'-10"					
W2	WINGWALL	5	SER OF 3	1	2'-0"	109'-0"	1'-4"	0'-8"				2'-6 1/2"	
					TO		TO						
					7'-1"		6'-5"	0'-8"					
W3	WINGWALL	5	8	STR	8'-3"	66'-0"	8'-3"						
W4	WINGWALL	5	SER OF 9	STR	2'-2"	269'-10 1/2"	2'-2"					0'-4 3/4"	
					TO		TO						
					5'-4"		5'-4"						
W5	WINGWALL	5	12	2	2'-4"	28'-0"	0'-10"	0'-8"	0'-10"				
W6	WINGWALL	5	72	2	2'-3"	162'-0"	0'-10"	0'-7"	0'-10"				



REMARK CODES

- A - PROVIDE NUMBER OF BARS AT SPACING AS SHOWN ON THE PLANS.
- B - PROVIDE AVERAGE SPACING OF BARS AS SHOWN ON THE PLANS. SPACE BARS WITHIN TOLERANCES PER "PLACING REINFORCING BARS, 8TH EDITION" BY CRSI.
- C - PROVIDE NUMBER OF BARS AS SHOWN ON THE PLANS. ACTUAL SPACING OF BARS MAY VARY.
- D - NUMBER OF SPLICES MAY BE INCREASED. LOCATE AND STAGGER SPLICES AS INDICATED ON THE PLANS OR PER REMARKS.
- E - STAGGER SPLICES. NO MORE THAN 50% OF BARS MAY BE SPLICED AT THE SAME LOCATION.

NOTES

1. ALL BARS ARE COATED.
2. BAR SIZES ARE U.S. UNITS.
3. REINFORCING STEEL DIMENSIONS ARE OUT TO OUT OF BARS UNLESS OTHERWISE NOTED.
4. TYPE 'STR' INDICATES A STRAIGHT BAR. TYPE 'SER OF' INDICATES SERIES (CUT SET) BARS AND COLUMN TITLE 'SERIES INC' IS ABBREVIATED FOR 'SERIES INCREMENT'.
5. SERIES BARS - EACH BAR VARIES BY TABULATED AMOUNT.
6. SPLICES MAY BE OMITTED AT FABRICATOR'S OPTION, HOWEVER, IN SUCH CASE, FABRICATOR ASSUMES RESPONSIBILITY FOR FIT.
7. USE THE CRSI MANUAL OF PRACTICE, LATEST EDITION FOR HOOKS, BENDS, AND FABRICATION OF REINFORCING STEEL UNLESS NOTED OTHERWISE.

UTAH DEPARTMENT
OF
TRANSPORTATION
STRUCTURES DIVISION
WILSON AND COMPANY

UTN; STEINAKER SERVICE CANAL TRAIL-PHASE ONE
500 N TRAIL OVER STEINAKER CANAL
REINFORCING SCHEDULE
S-TR03(2)
PIN 21890

UINTAH
COUNTY
T1
STRUCTURE NUMBER
T1
DRAWING NUMBER
SHEET 9 OF 8

REVISION REMARKS
DESIGN JMS 11/25 CHECK DJL 11/25
DRAWN JDF 11/25 CHECK DJL 11/25
3/17/2026 DATE
ENGINEER OF RECORD
(ECR)