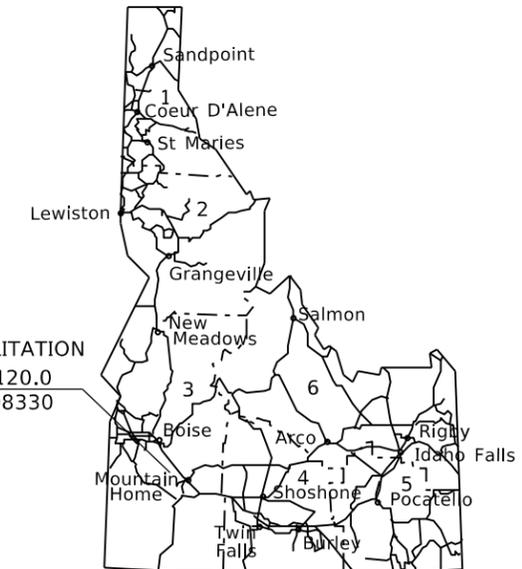


INDEX OF SHEETS	
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9	TYPICAL SECTION
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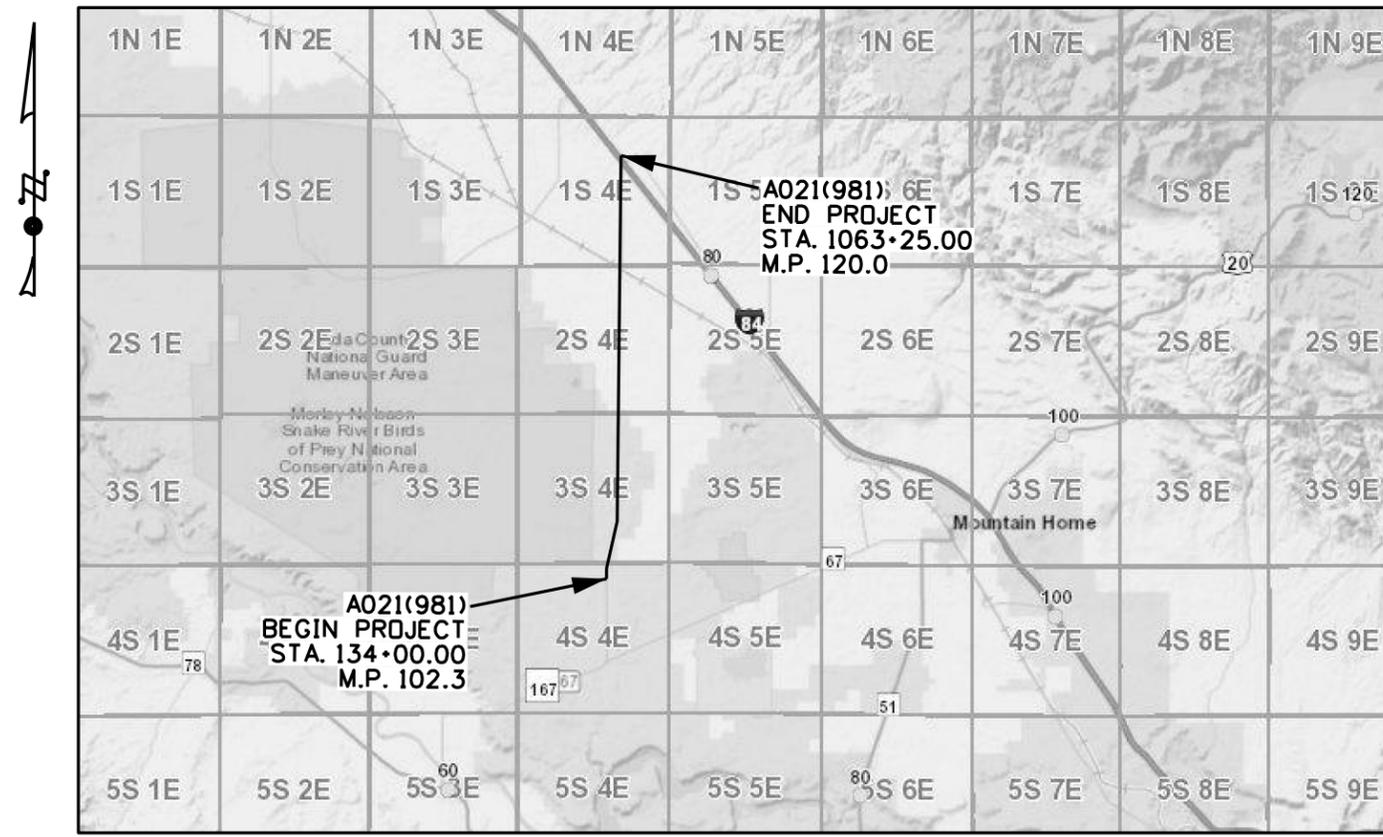
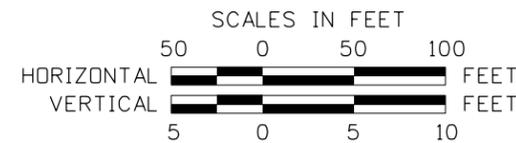
IDAHO TRANSPORTATION DEPARTMENT

PLAN AND PROFILE OF PROPOSED SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT FEDERAL AID PROJECT NO. A021(981), A022(879), A023(746), A024(280) KEY NO. 21981, 22879, 23746, 24280 ELMORE COUNTY

JULY 2024



SIMCO ROAD REHABILITATION
M.P. 102.3 M.P. 120.0
SEGMENT CODE 008330



DESIGN DESIGNATION

ADT 2024	1006
ADT 2044	1355
DHV 2024	N/A
DHV 2044	N/A
D	60% 40%
V	65 MPH
TRUCKS:	WB-67
ADT 2024	191
ADT 2044	257
DHV 2024	N/A
DHV 2044	N/A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

THE DIMENSIONS SHOWN ON THE PLANS SHALL BE ATTAINED WITHIN LIMITS OF PRECISION THAT GOOD CONSTRUCTION PRACTICES WILL PERMIT

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 TITLE 001.DGN

DRAWING DATE:
22-JUL-2024

**IDAHO
TRANSPORTATION DEPARTMENT**

YOUR Safety - YOUR Mobility - YOUR Economic Opportunity

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

TITLE SHEET
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

COUNTY
ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 1 OF 143

Mohsen Amirmojahedi

Approved for Advertising

11/12/2024

Date Approved

POINT ID.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	542758.3490	2569582.6030	3083.7140	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
2	589441.9750	2570512.3560	3173.2120	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
3	589675.6110	2570513.6910	3173.2950	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
4	583000.8310	2570135.4980	3145.5900	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
5	582827.1560	2570118.0570	3146.4090	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
6	575096.9120	2570085.0260	3117.3100	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
7	574932.4200	2570091.1040	3116.3950	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
8	564356.2190	2570030.7920	3083.4740	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
9	564448.1920	2569930.3340	3082.9820	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
10	522606.5740	2567249.1980	3009.1090	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
11	522736.6410	2567242.9950	3009.7410	SET 1/2" REBAR WITH RED PLASTIC CAP MARKED FLS CONTROL
12	596756.5060	2570564.1590	3205.5740	BLANK PLASTIC CAP
13	605204.1840	2570651.4140	3263.7460	TLG CONTROL CAP
100	516713.1650	2567208.0490	3000.8130	FOUND 5/8" REBAR WITH RED PLASTIC CAP
101	529890.8390	2568072.6400	3029.2560	FOUND 5/8" REBAR WITH RED PLASTIC CAP
102	524225.7630	2567084.6930	3024.4600	FOUND 8" SPIKE
105	564420.9170	2569997.6900	3083.3710	FOUND 5/8" REBAR WITH 2 1/2" ALUMINUM CAP MARKED "PLS 8575"
106	559140.5570	2572177.5930	3070.1330	FOUND 5/8" REBAR WITH 2 1/2" ILLEGIBLE BRASS CAP
107	559138.3450	2569537.5660	3073.3200	FOUND 5/8" REBAR WITH 2 1/2" BRASS CAP MARKED "US GENERAL LAND OFFICE 1910"
108	590205.2780	2570119.4470	3170.5230	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "JJ HOWARD LS 2471"
109	590206.4630	2570582.0500	3174.9450	FOUND 5/8" REBAR WITH 2 1/2" BRASS CAP MARKED "PLS 4999"
110	588190.9780	2570111.8250	3167.6340	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "JJ HOWARD LS 2471"
111	588190.7690	2570294.4720	3170.4780	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "ARROW PLS 7323"
112	585548.7600	2570106.6150	3163.6910	FOUND 5/8" REBAR WITH ILLEGIBLE YELLOW PLASTIC CAP
113	582907.5470	2570091.8970	3146.3150	FOUND 5/8" REBAR WITH ILLEGIBLE 2" ALUMINUM CAP
114	580266.7070	2570077.0510	3136.1370	FOUND 5/8" REBAR WITH ILLEGIBLE 2" ALUMINUM CAP
115	574985.8800	2570050.4290	3116.4650	FOUND 5/8" REBAR WITH NO CAP
116	572345.5240	2570037.2360	3109.6640	FOUND 5/8" REBAR WITH BROKEN YELLOW CAP
117	567062.8950	2570010.7370	3085.1660	FOUND 5/8" REBAR WITH ILLEGIBLE 3 1/2" BRASS CAP
118	564419.2910	2567356.3670	3077.8960	FOUND 5/8" REBAR WITH 2 1/2" ALUMINUM CAP MARKED "PLS 8575"
119	559138.3250	2569968.5090	3072.1820	FOUND 5/8" REBAR WITH NO CAP
120	556319.0210	2569528.4200	3076.1590	FOUND 5/8" REBAR WITH NO CAP
121	553676.6840	2569519.7910	3068.6420	FOUND 5/8" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "LS 15758"
122	581594.4240	2567445.1900	3140.3040	FOUND 5/8" REBAR WITH NO CAP
125	595484.6170	2570595.7600	3193.0360	PLS4998 SEC CORNER S27,S26 S34,S35
126	600764.8940	2570610.6800	3235.3650	PLS 3577 SEC CORNER S22,S23 S27,S26
127	603403.9200	2570616.4160	3251.4240	ILLEGIBLE 1/4 COR S22-S23
128	606040.7310	2570622.7610	3267.6610	PLS 3577 SEC CORNER S15,S14 S22,S23
129	608681.1300	2570629.8290	3288.4930	ILLEGIBLE 1/4 COR S15-S14
130	592845.5700	2570588.8240	3182.9330	PLS4999 1/4 COR S34-S35
131	611320.6780	2570635.3860	3309.1850	PLS3577 SEC CORNER S10,S11 S15,S14
132	604246.3930	2570585.6090	3257.8010	PLS7045
133	605381.5940	2570621.1790	3264.8740	NO CAP
134	596804.5910	2570569.4480	3205.2860	PLS7045
175	543105.7590	2569505.5860	3076.2190	FOUND REBAR WITH BRASS CAP MARKED "US GENERAL LAND OFFICE 1910"
176	568384.0930	2570017.3380	3093.4010	FOUND ILLEGIBLE 3 1/2" BRASS CAP IN CONCRETE
177	569705.0820	2570023.9310	3102.6240	FOUND REBAR WITH NO CAP
178	569121.1060	2569991.6900	3106.3880	FOUND BRASS CAP IN CONCRETE MARKED "AZIMUTH MARK NATIONAL GEODETIC SURVEY, THE DIRECTOR, CINDER USGS"
179	567085.7280	2570039.9870	3086.3810	FOUND BENT REBAR WITH NO CAP
180	577626.2430	2570093.7880	3127.0030	FOUND REBAR WITH YELLOW PLASTIC CAP MARKED "JJ HOWARD LS 2471"
181	577626.2970	2570063.7850	3127.2080	FOUND REBAR WITH NO CAP
182	561779.3140	2569983.3060	3072.4280	FOUND BENT REBAR WITH NO CAP
211	609956.0290	2570595.1510	3287.4520	ITD CONTROL 111
212	612284.2770	2572023.5810	3315.6320	ITD CONTROL 112

VERTICAL DATUM: (NAVD 88)
 THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID 12B) IS EXPRESSED IN U.S. SURVEY FEET.

HORIZONTAL DATUM: (NAD 83)
 THE NORTH AMERICAN DATUM OF 1983 (2011) (EPOCH 2010) HAS BEEN PROJECTED TO THE IDAHO STATE PLANE COORDINATE SYSTEM, WEST ZONE, AND BROUGHT TO SITE VIA STATIC GPS OBSERVATIONS PROCESSED THROUGH THE N.G.S. OPUS UTILITY.

ALL BEARINGS SHOWN ARE ON GRID AZIMUTH AND ALL DISTANCES SHOWN ARE AT GROUND. THE SCALE ORIGIN IS 0,0,0 FOR THE COMBINED SCALE FACTOR OF 1.0002080130 (GRID TO GROUND)

RIGHT-OF-WAY IS SHOWN ON PLAN SHEETS FOR INFORMATION PURPOSES ONLY.
 MOUNTAIN HOME HIGHWAY DISTRICT IS THE HOLDER OF THE PERMITS ISSUED UNDER THE FOLLOWING ROW GRANTS:
 T2S R4E SERIAL NO. IDI-021406A, 60 FEET WIDE,
 SERIAL NO. IDI-021723, 100 FEET WIDE
 T3S R4E SERIAL NO. IDI-021406, 60 FEET WIDE,
 SERIAL NO. IDI-021406A, 60 FEET WIDE
 T4S R4E SERIAL NO. IDI-021406, 60 FEET WIDE.

RECORD RIGHT-OF-WAY SHOWN WAS ESTABLISHED FROM THE ALIQUOT SECTION LINE OR CENTER OF PAVED SURFACE, WHICHEVER WAS PERTINENT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 21981 Survey.DGN
DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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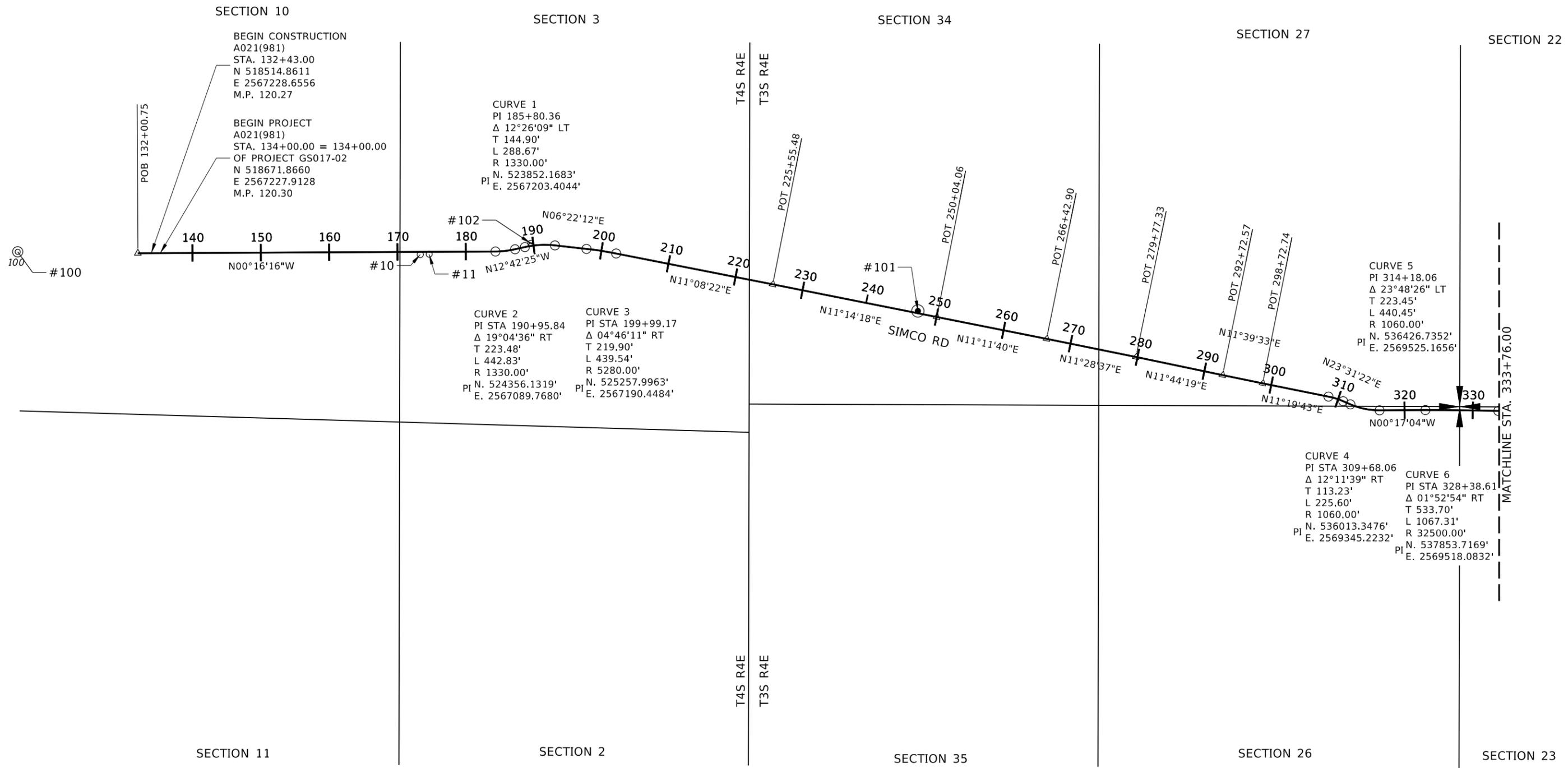
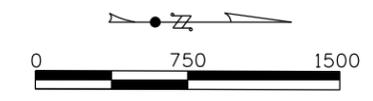
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SURVEY CONTROL
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 2 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

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SURVEY CONTROL
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

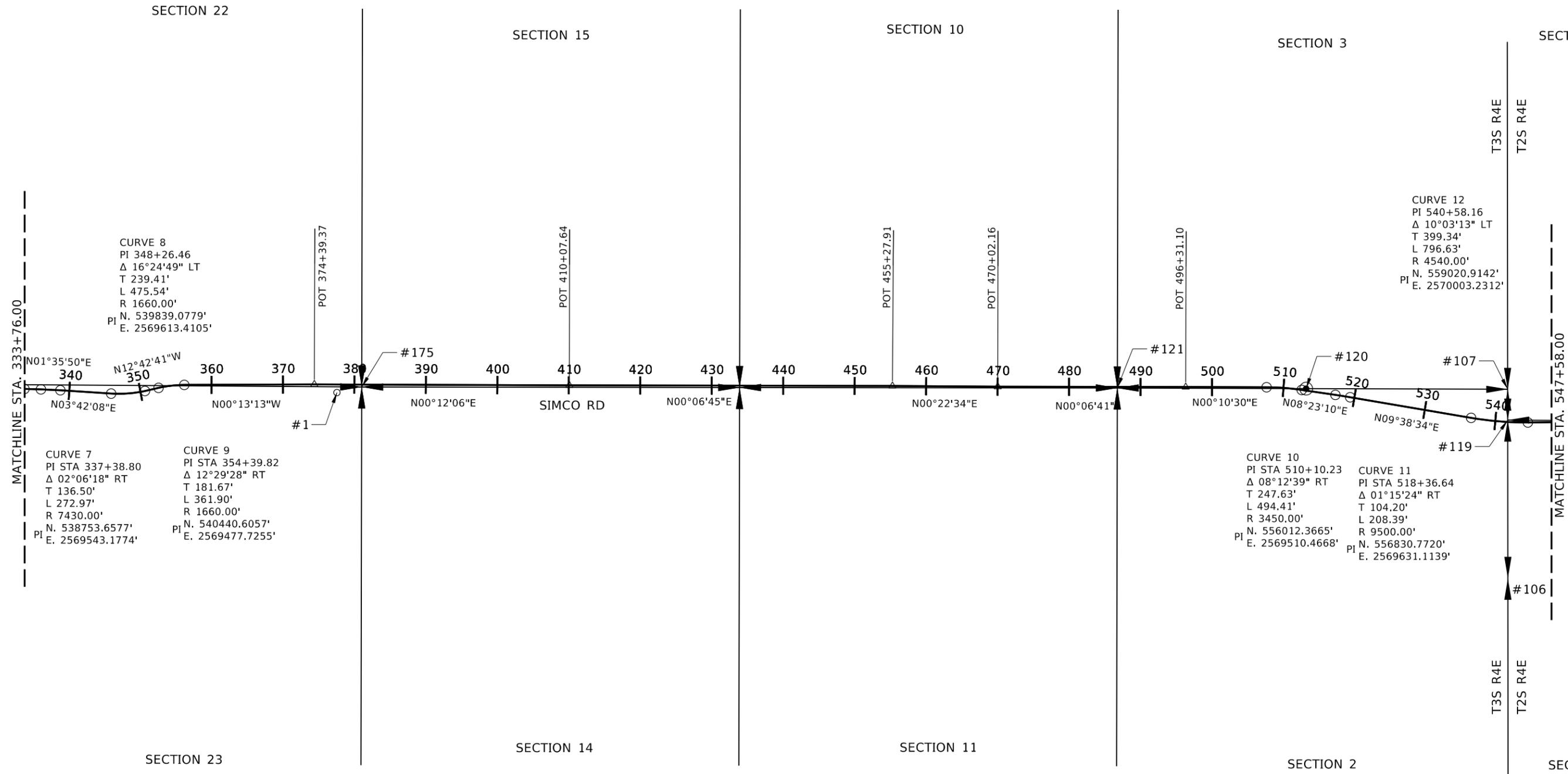
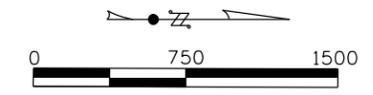
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 3 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
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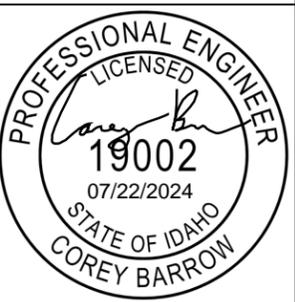
SURVEY CONTROL
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

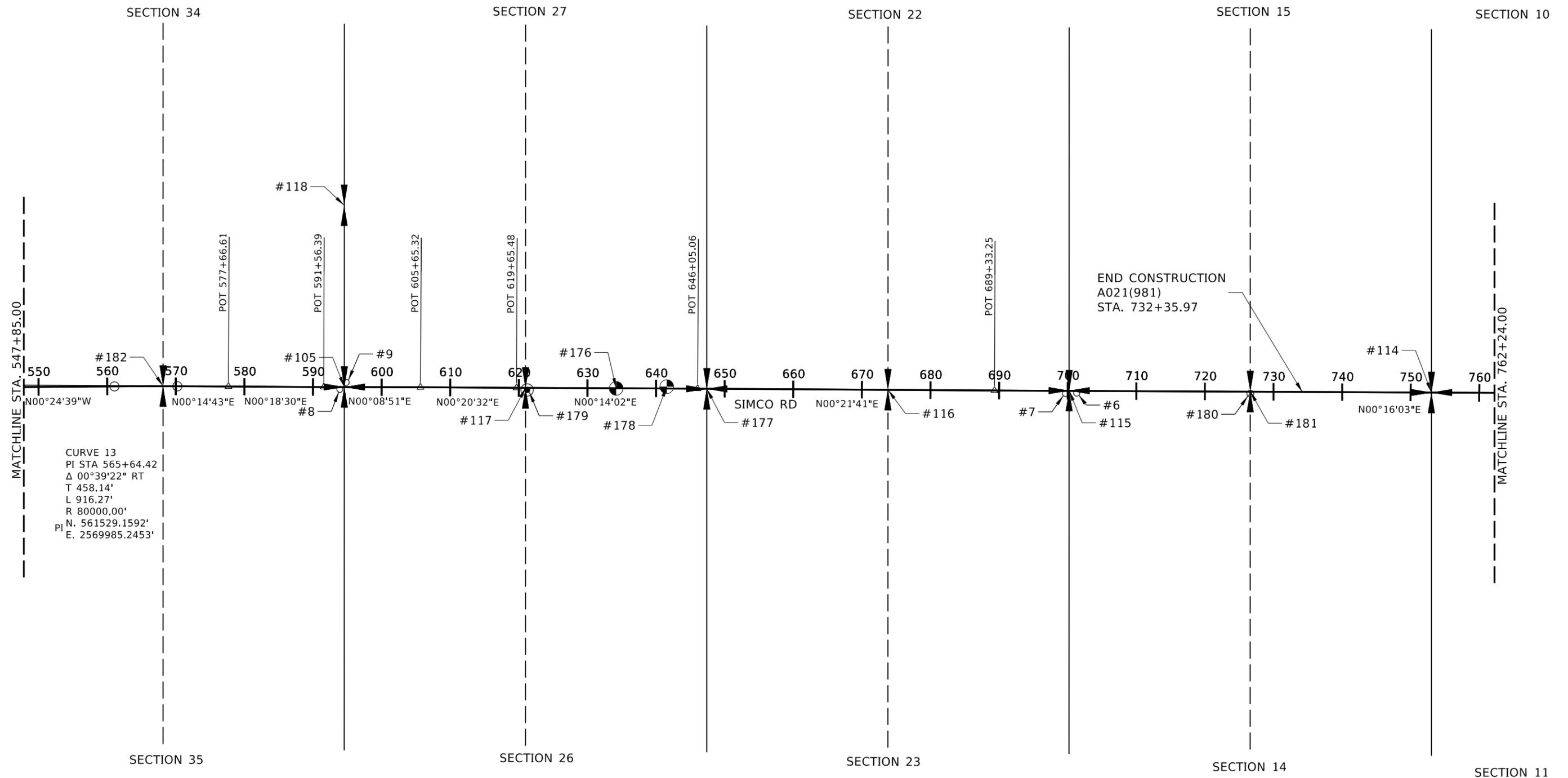
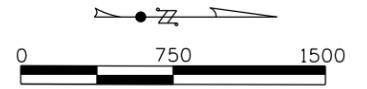
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 4 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 Survey.DGN

DRAWING DATE:
22-JUL-2024

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HMH engineering

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A021(981)
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SURVEY CONTROL

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

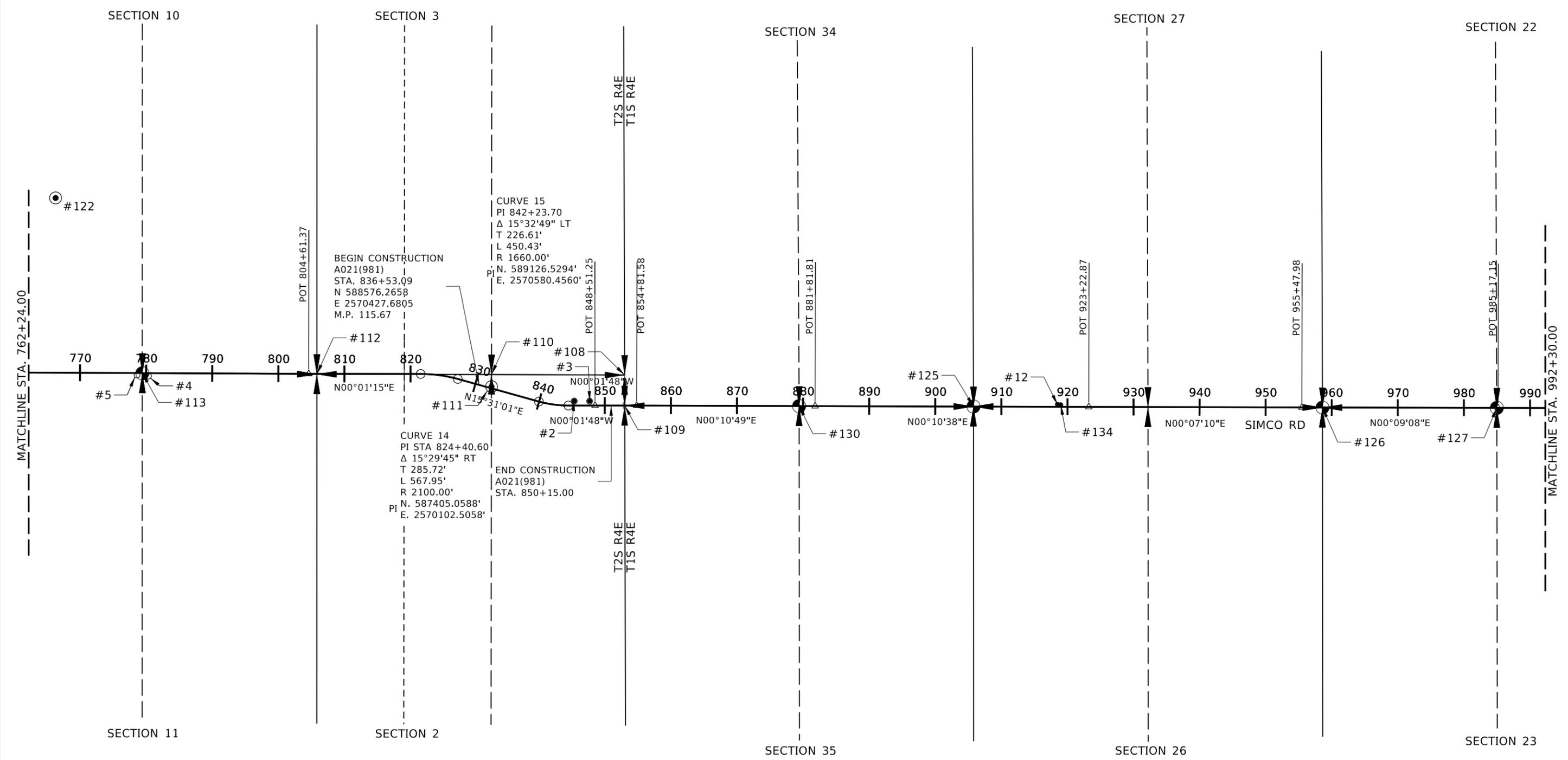
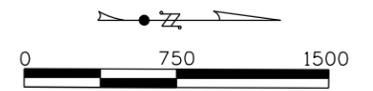
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 5 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
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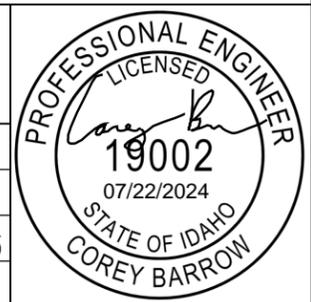
SURVEY CONTROL
 SIMCO ROAD
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 HIGHWAY DISTRICT

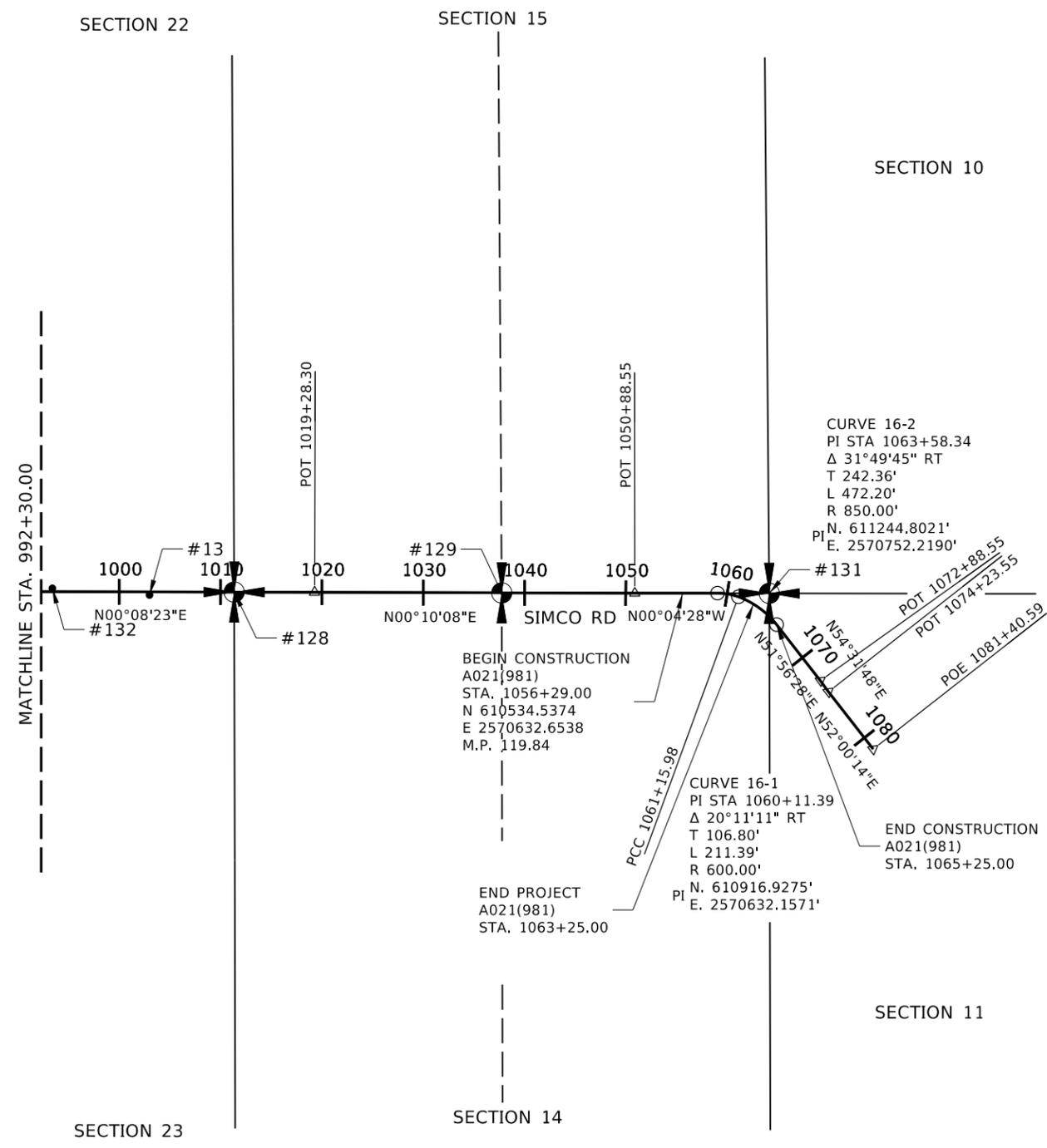
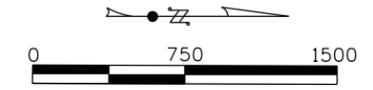
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 6 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 Survey.DGN
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SURVEY CONTROL
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 7 OF 143



CLEARANCES		+ CLEARED UNDER PROJECT NO.	+ APPROVAL DATE
PROJECT STANDARDS		A021(981)	11/21/2023
CHARTER APPROVAL <input type="checkbox"/> AASHTO <input type="checkbox"/> 3R <input type="checkbox"/> 1R <input checked="" type="checkbox"/> STATE		N/A	N/A
<input type="checkbox"/> PM <input type="checkbox"/> OTHER _____		N/A	N/A
DESIGN EXCEPTIONS: _____		N/A	N/A
PUBLIC HEARING WAIVER _____		A021(981)	6/17/2024
PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity) _____		N/A	N/A
DESIGN APPROVAL _____		A021(981)	6/17/2024
RECLAMATION PLAN APPROVAL NO(S) _____		N/A	N/A
AIRPORT _____		N/A	N/A
Land Survey Monument Search and Documentation (I.C.55-1613) _____		A021(981)	8/30/2023
R/W CERTIFICATE: Issued by <input checked="" type="checkbox"/> HQ <input type="checkbox"/> DISTRICT		A021(981)	6/24/2024
TRIBAL LANDS: <input type="checkbox"/> AGREEMENT REQUIRED <input type="checkbox"/> SPECIAL PROVISIONS FOR CONTRACT PROPOSAL		N/A	N/A
BRIDGE PS & E _____		N/A	N/A
ENVIRONMENTAL DECISION: TYPE <input checked="" type="checkbox"/> CAT-EX <input type="checkbox"/> FONSI <input type="checkbox"/> ROD		A021(981)	6/30/2021
ENVIRONMENTAL RE-EVALUATION _____		A021(981)	6/13/2024
PERMITS		+ EXPIRATION DATE	
IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S) _____		N/A	N/A
US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S) _____		N/A	N/A
OTHER _____		N/A	N/A
DEQ SECTION 401 WATER QUALITY CERTIFICATION _____ <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
NPDES GENERAL PERMIT/SWPPP REQUIRED _____ <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POLLUTION PREVENTION PLAN REQUIRED _____ <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
AGREEMENTS (List Appropriate Name)			
LOCAL: CITY _____			
COUNTY _____			
HIGHWAY DISTRICT _____			
ROAD CLOSURE AND MAINTENANCE _____			
STATE/LOCAL CONSTRUCTION		A021(981)	8/14/2024
MOUNTAIN HOME HIGHWAY DISTRICT			
IRRIGATION DISTRICT(S): Crossing Agreement Required _____ <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (Signatures Required on either Structure Drawing or Bridge Sheet)			
UTILITIES: List all Utilities shown on plans		RETAIN & PROTECT	
Co. LUMEN	<input checked="" type="checkbox"/>	UTILITY HEARING WAIVER	+ AGREEMENT NO.
Co. IDAHO POWER	<input checked="" type="checkbox"/>	N/A	N/A
Co. RURAL TELEPHONE	<input checked="" type="checkbox"/>	N/A	N/A
Co. ATT	<input checked="" type="checkbox"/>	N/A	N/A
Co. WILLIAMS NORTHWEST PIPELINE	<input checked="" type="checkbox"/>	N/A	N/A
Co. _____	<input type="checkbox"/>		
Co. _____	<input type="checkbox"/>		
RAILROAD List all Railroads encroached upon		+ AGREEMENT	
		+ AGREEMENT FOR	EFFECTIVE DATE
Co. UNION PACIFIC RAILROAD		DOT #819294E	10/23/23
Co. _____			793344

ESTIMATING BASIS

TACK:
 CSS-1 OR CSS-1h DILUTED (30% EMULSION:70% WATER) EMULSIFIED ASPHALT FOR THE CRABS PRIME COAT @ 0.20 GAL/SY

CSS-1 OR CSS-1h DILUTED (30% EMULSION:70% WATER) EMULSIFIED ASPHALT FOR TACK COAT @ 0.08 GAL/SY

PAVING:
 PG 64-28 ASPHALT CEMENT FOR SUPERPAVE HMA PAVEMENT CLASS SP-3 @ 5.6 PERCENT PG 64-28 ASPHALT CEMENT AND 0.5 PERCENT ANTI-STRIP BY WEIGHT OF ASPHALT

AGGREGATE:
 1/2" AGGREGATE @ 142.0 LB/CF FOR SUPERPAVE CLASS SP-3 HMA INCLUDING ASPHALT ADDITIVES

3/4" AGGREGATE @ 143.0 LB/CF FOR BASE TYPE B INCLUDING 7% MOISTURE

GRANULAR BORROW @ 135 LB/CF

BLOTTER WILL BE APPLIED AT A RATE OF 12 LB/SY TO TRAFFICKED AREAS RECEIVING PRIME COAT ASSOCIATED WITH CRABS CONSTRUCTION

CRABS:
 PORTLAND CEMENT TYPE I OR II WILL BE ADDED AT A RATE OF 2% BY WEIGHT OF PULVERIZED MATERIAL. FOR ESTIMATING PURPOSES, CEMENT WILL BE ADDED AT A RATE OF 18 LB/SY FOR A DEPTH OF 0.75 FEET.

SURFACE SMOOTHNESS:
 PAVEMENT SMOOTHNESS SCHEDULE II REQUIRED

ESALS:
 THE PAVEMENT SECTION DESIGNS ARE BASED ON 1,575,000 ESALS

DUST ABATEMENT
 DUST ABATEMENT WATER QUANTITIES FOR RECONSTRUCTION OF THE CURVE REALIGNMENT AREAS MAY BE ESTIMATED AT 785 MG (785,000 GALLONS), BASED ON AN APPLICATION RATE OF 4 INCHES OF WATER OVER A 30-FOOT WIDE BY 10,500-FOOT LONG CONSTRUCTION AREA.

+ ENTER "N/A" WHEN NOT APPLICABLE
 ++ LPA PROJECTS - DATE ENTERED BY ROADWAY DESIGN WHEN PROJECT SENT TO PS&E.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
			DESIGNED MARCUS LEVESEY
			DETAILED MARCUS LEVESEY
			DRAWING CHECKED G.E. SIEGFORD
			CADD FILE NAME 21981 PCS 001.DGN

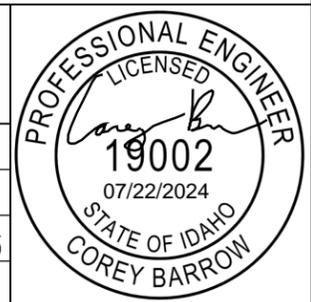
IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

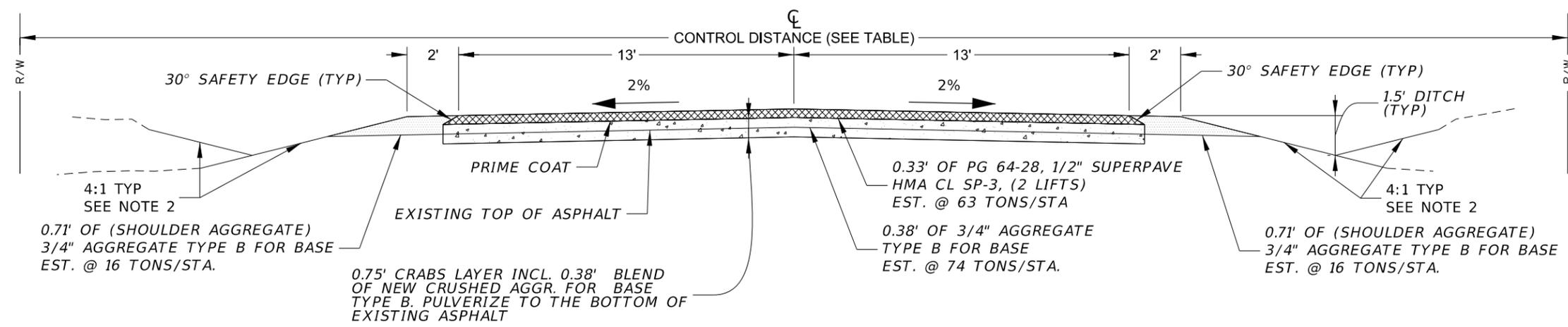
HMH engineering

PROJECT NO.
A021(981) A022(879) A023(746) A024(280)

PROJECT CLEARANCE SUMMARY
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 8 OF 143	





- NOTES/REHABILITATION SEQUENCE**
1. PLACE 0.38' (COMPACTED THICKNESS) OF 3/4" BASE ON TOP OF EXISTING ASPHALT SURFACING
 2. PULVERIZE EXISTING SURFACE
 3. CONSTRUCT 0.75' CLASS I CRABS PROCESS
 4. MICRO-CRACK THE CRABS LAYER AT LEAST 24 HOURS AFTER COMPACTION
 5. APPLY PRIME COAT
 6. PLACE 0.33' HMA
 7. SHOULDERING
 8. SCHEDULE II SURFACE SMOOTHNESS

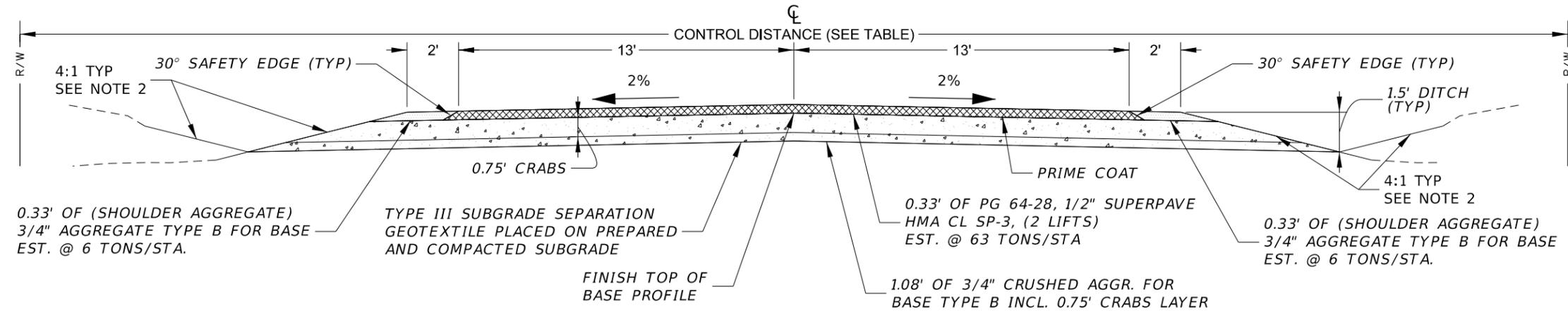
CONTROL DISTANCE RIGHT		
STA	STA	DIST. (FT)
132+43	541+75	30
541+75	620+98	25
620+98	753+02	30
753+02	805+84	25
805+84	847+10	30
847+10	853+26	75
853+26	1037+75	25
1037+75	1065+00	30
CONTROL DISTANCE LEFT		
STA	STA	DIST. (FT)
132+43	541+75	30
541+75	634+19	25
634+19	700+21	30
700+21	726+62	100
726+62	753+02	30
753+02	1065+00	25

TRANSITION
FROM STA 132+43.00 TO STA 134+00.00

SIMCO ROAD REHABILITATION SECTION
N.T.S.

STA 134+00.00 TO STA 182+91.46
 STA 198+11.54 TO STA 307+10.83
 STA 317+79.06 TO STA 335+15.30
 STA 357+64.05 TO STA 401+00.00
 STA 405+15.00 TO STA 732+35.97
 STA 1058+29.00 TO STA 1063+25.00

TRANSITION
FROM STA 732+35.97 TO STA 734+35.97
 FROM STA 1056+29.00 TO STA 1058+29.00
 FROM STA 1063+25.00 TO STA 1065+25.00



- NOTES/RECONSTRUCTION SEQUENCE**
1. REMOVE EXISTING ROADWAY
 2. REALIGN & REPROFILE ROADWAY
 3. PREPARE & COMPACT SUBGRADE
 4. PLACE TYPE III SUBGRADE SEPARATION GEOTEXTILE
 5. PLACE 1.08' (COMPACTED THICKNESS) OF 3/4" BASE
 6. CONSTRUCT 0.75' CLASS I CRABS PROCESS
 7. MICRO-CRACK THE CRABS LAYER AT LEAST 24 HOURS AFTER COMPACTION
 8. APPLY PRIME COAT
 9. PLACE 0.33' HMA
 10. SHOULDERING
 11. SCHEDULE II SURFACE SMOOTHNESS

SIMCO ROAD RECONSTRUCTION SECTION
N.T.S.

STA 182+91.46 TO STA 198+11.54
 STA 307+10.83 TO STA 317+79.06
 STA 335+15.30 TO STA 357+64.05
 STA 401+00.00 TO STA 405+15.00
 STA 838+53.09 TO STA 848+15.00

TRANSITION
FROM STA 836+53.09 TO STA 838+53.09
 FROM STA 848+15.00 TO STA 850+15.00

- NOTES**
1. ALL SUPERELEVATIONS ARE ROTATED ABOUT THE CENTERLINE. (METHOD 1 PER ITD STANDARD DETAIL A-5)
 2. USE 4:1 SLOPES AS SHOWN ON THE TYPICAL SECTIONS UNLESS THE CATCH POINTS EXCEED THE CONTROL DISTANCES SHOWN IN THE TABLE. PROCEED WITH THE FOLLOWING WHEN CATCH POINTS EXCEED SPECIFIED CONTROL DISTANCE: FILL SECTION - USE VARIABLE FORESLOPE 2:1 MAX. CUT SECTION - USE 4:1 FORESLOPE AND VARIABLE BACK SLOPE 2:1 MAX. CONTROL DISTANCES ARE MEASURED FROM THE CENTER LINE OF THE EXISTING ROADWAY.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MARCUS LEVESEY	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED CHANC MEYER	
DETAILED MARCUS LEVESEY	CADD FILE NAME 21981 TYPI 001.DGN
DRAWING CHECKED G.E. SIEGFORD	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

TYPICAL SECTIONS
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

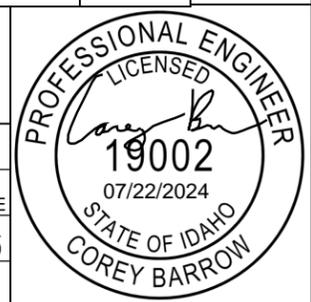
ENGLISH
COUNTY
ELMORE
KEY NUMBER
21981
22879 23746 24280
SHEET 9 OF 143



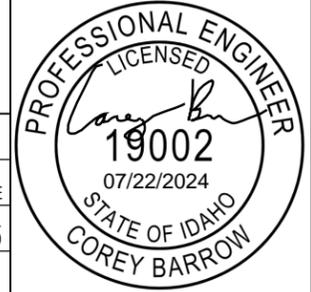
SHEET NUMBER				15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
STATION - STATION				132+43.00	155+50.00	179+50.00	191+50.00	203+50.00	227+50.00	251+50.00	275+50.00	299+50.00	311+50.00	323+50.00	335+50.00	347+50.00	359+50.00	383+50.00	395+50.00	407+50.00
ITEM NO.	ITEM	UNIT	TOTAL	155+50.00	179+50.00	191+50.00	203+50.00	227+50.00	251+50.00	275+50.00	299+50.00	311+50.00	323+50.00	335+50.00	347+50.00	359+50.00	383+50.00	395+50.00	407+50.00	431+50.00
201-010A	CLEARING & GRUBBING	LS	1																	
203-006A	REMOVAL OF SIGN	EACH	24		1			1				1		1	1		1			
203-125A	REMOVAL OF MISCELLANEOUS ITEMS	LS	1																	
205-005A	EXCAVATION	CY	10969																	
205-005B	EXCAVATION - ROCK	CY	100																	
205-045A	GRANULAR BORROW	TON	32468																	
205-060A	WATER FOR DUST ABATEMENT	MG	785																	
205-071A	EXCAVATION AND REPAIR OF SOFT SPOTS	CY	120																	
205-090A	SHOULDER GRADING	MILE	23.64																	
212-011A	FIBER WATTLE	FT	1360																	
212-105A	WATER AND POLLUTION	CA	3000																	
303-022A	3/4" AGGREGATE TYPE B FOR BASE	TON	70205																	
308-005A	CEMENT RECYCLED ASPHALT BASE STABILIZATION	SY	184302																	
308-010A	PORTLAND CEMENT	TON	1658.76																	
308-015A	PULVERIZE EXISTING SURFACE	SY	164908																	
402-020A	EMULSIFIED ASPHALT FOR PRIME COAT	TON	156.71																	
405-245A	APPROACH - PAVED	EACH	6																	
405-245B	APPROACH - GRAVEL	EACH	23		2				1		1			1						1
405-435A	SUPERPAVE HMA PAVEMENT INCLUDING ASPHALT & ADDITIVES CLASS SP-3	TON	39690																	
602-025A	12" PIPE CULVERT	FT	96.00				46.00						50.00							
602-030A	15" PIPE CULVERT	FT	197.75												47.75	52.50				50.50
602-035A	18" PIPE CULVERT	FT	50.00																	
611-001A	CATTLE GUARD (PAVEMENT MARKINGS)	EACH	1																	
611-010A	CATTLE GUARD TY A	EACH	1						1											
616-010A	SIGNS TY B-1	SF	145																	
616-040G	STEEL SIGN POST TYPE B-2	FT	158																	
616-040J	STEEL SIGN POST TYPE E-1	FT	39																	
616-040K	STEEL SIGN POST TYPE E-2	FT	24																	
617-005A	DELINEATOR TYPE 1	EACH	493																	
617-060A	MILEPOST TYPE 3	EACH	4																	
621-005A	SEED BED PREPARATION	ACRE	0.349																	
621-010A	SEEDING	ACRE	0.349																	
621-015A	MULCHING	ACRE	0.698																	
621-035A	FERTILIZING	ACRE	0.349																	
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL ITEM	CA	3000																	
630-005A	TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS -WATERBORNE	SF	282.00																	
630-025A	LONGITUDINAL PAVEMENT MARKING- WATERBORNE	FT	542307.00																	
640-015A	SUBGRADE SEPARATION GEOTEXTILE (TYPE III)	SY	25588																	
675-005A	SURVEY	LS	1																	
675-010A	DIRECTED SURVEYING	CA	5000																	
677-005A	RECORD DRAWINGS	LS	1																	
S900-50A	CONTINGENCY AMOUNT - WEED CONTROL	CA	5000																	
S900-50B	CONTINGENCY AMOUNT - MISCELLANEOUS WORK	CA	5000																	
S904-05A	SP TEMPORARY TRAFFIC CONTROL	LS	1																	
Z629-05A	MOBILIZATION	LS	1																	

REVISIONS				DESIGNED	C. BARROW	SCALES SHOWN	ARE FOR 11" X 17"	PROJECT NO.	A021(981)	ROADWAY SUMMARY	ENGLISH
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	H. NELSON	PRINTS ONLY		A022(879)	SIMCO ROAD	COUNTY	ELMORE
				DETAILED	K.G. FALLAR	CADD FILE NAME	21981 RWS 001.DGN	A023(746)	REHABILITATION	KEY NUMBER	21981
				DRAWING CHECKED	C. BARROW	DRAWING DATE:	22-JUL-2024	A024(280)	MOUNTAIN HOME	22879 23746 24280	
									HIGHWAY DISTRICT	SHEET	10 OF 143

IDAHO
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HMH engineering

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
	431+50.00	455+50.00	479+50.00	503+50.00	527+50.00	551+50.00	575+50.00	599+50.00	623+50.00	647+50.00	671+50.00	695+50.00	719+50.00	743+50.00	767+50.00	791+50.00	815+50.00	827+50.00	839+50.00	851+50.00	863+50.00	887+50.00	911+50.00	935+50.00
	455+50.00	479+50.00	503+50.00	527+50.00	551+50.00	575+50.00	599+50.00	623+50.00	647+50.00	671+50.00	695+50.00	719+50.00	743+50.00	767+50.00	791+50.00	815+50.00	827+50.00	839+50.00	851+50.00	863+50.00	887+50.00	911+50.00	935+50.00	959+50.00
ITEM NO.																								
201-010A																								
203-006A					3	1			1	1						1		4	1	3				
203-125A																								
205-005A																								
205-005B																								
205-045A																								
205-060A																								
205-071A																								
205-090A																								
212-011A																								
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303-022A																								
308-005A																								
308-010A																								
308-015A																								
402-020A																								
405-245A					1		1		1										1					
405-245B		2					1		2			2	2						4					
405-435A																								
602-025A																								
602-030A	47.00																							
602-035A																			50.00					
611-001A																								
611-010A																								
616-010A																								
616-040G																								
616-040J																								
616-040K																								
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677-005A																								
S900-50A																								
S900-50B																								
S904-05A																								
Z629-05A																								

REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				NO.	DATE	BY	DESCRIPTION																	DESIGNED C. BARROW DESIGN CHECKED H. NELSON DETAILED K.G. FALLAR DRAWING CHECKED C. BARROW		SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 RWS 001.DGN DRAWING DATE: 22-JUL-2024		IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity HMH engineering 		PROJECT NO. A021(981) A022(879) A023(746) A024(280)		ROADWAY SUMMARY SIMCO ROAD REHABILITATION MOUNTAIN HOME HIGHWAY DISTRICT			ENGLISH COUNTY ELMORE KEY NUMBER 21981 22879 23746 24280 SHEET 11 OF 143			
NO.	DATE	BY	DESCRIPTION																																			

	56	57	58	59	60	63 - 101	102 - 142
	959+50.00	983+50.00	1007+50.00	1031+50.00	1055+50.00	PPP	SIGNING & MARKING
	983+50.00	1007+50.00	1031+50.00	1055+50.00	1065+25.00		
ITEM NO.							
201-010A							
203-006A				1	2		
203-125A							
205-005A							
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205-071A							
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212-011A						1360	
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308-015A							
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405-435A							
602-025A							
602-030A							
602-035A							
611-001A					1		
611-010A							
616-010A							145
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616-040K							24
617-005A							493
617-060A							4
621-005A						0.349	
621-010A						0.349	
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675-005A							
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677-005A							
S900-50A							
S900-50B							
S904-05A							
Z629-05A							

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED K.G. FALLAR	CADD FILE NAME 21981 RWS 001.DGN
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

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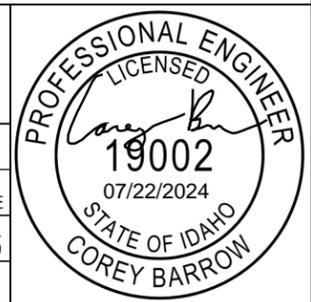
HMH engineering



PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

ROADWAY SUMMARY
SIMCO ROAD REHABILITATION MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 12 OF 143



<p>EXISTING /PROPOSED</p> PAVED APPROACH GRAVEL APPROACH BARN BUILDING FOUNDATION HOUSE DECK SILO		<p>EXISTING /PROPOSED</p> BUSH SLOPE OF TERRAIN DRAINAGE FLOW EMBANKMENT PROTECTOR DRAINAGE FLOW FOUND GPS CONTROL POINT MAILBOX MARSH MATERIAL SOURCE PHOTO CENTER RIP RAP SIPHON SPOT ELEVATION STOCKPILE SITE STUMP TREE WETLAND FLAG POLE IRRIGATION BOX SPRINKLER BUSH BOUNDARY CULTIVATION BOUNDARY TREE BOUNDARY EDGE OF ROAD EXISTING TRAIL RAILROAD TRACKS TOP OF RAIL (RAILROAD) ANGLE POINT CONCRETE MONUMENT FOUND /SET BRASS OR ALLOY CAP FOUND PLASTIC CAP FOUND IRON PIPE /SET IRON PIPE PK NAIL FOUND /SET NUMBER 4 REBAR FOUND /SET NUMBER 5 REBAR FOUND NUMBER 6 REBAR RIGHT OF WAY MARKER FOUND /SET SPIKE FOUND /SET STONE		<p>EXISTING /PROPOSED</p> FOUND /ESTIMATED QUARTER CORNER FOUND /ESTIMATED SECTION CORNER STATE LINE TOWNSHIP AND RANGE LINE RESERVATION BOUNDARY FOREST BOUNDARY SECTION LINE QUARTER SECTION LINE SIXTEENTH SECTION LINE COUNTY LINE CITY LIMITS EASEMENT LINE PERMANENT EASEMENT LINE INTERSTATE RIGHT OF WAY LINE RIGHT OF WAY LINE PURCHASED ACCESS CONTROL LINE PROPERTY LINE RAILROAD RIGHT OF WAY LINE TEMPORARY EASEMENT SILT FENCE FIBER WATTLE SEDIMENT BASIN ROCK CHECK DAM DIKE SWALE EROSION CONTROL BLANKET MULCH SEEDING PERMANENT SEEDING TEMPORARY		<p>EXISTING /PROPOSED</p> RAILROAD PROTECTION DEVICE RAILROAD SIGNAL RAILROAD SWITCH GUY & ANCHOR JUNCTION BOX ELECTRIC MANHOLE METER ELECTRIC POLE TRANSMISSION TOWER ELECTRIC VAULT FIRE HYDRANT RISER GAS OR OIL ETC. TELEPHONE OR LIGHT POLE MANHOLE WELL CATCH BASIN OR INLET OVER HEAD ELECTRIC UNDER GROUND ELECTRIC CABLE OVER HEAD FIBER OPTIC UNDER GROUND FIBER OPTIC OVER HEAD TELEPHONE UNDER GROUND TELEPHONE OVER HEAD TELEVISION UNDER GROUND TELEVISION CABLE WATER LINE GAS LINE OIL LINE PIPE BELL INDICATES FLOW DIRECTION IRRIGATION SIPHON IRRIGATION LINE SANITARY SEWER STORM SEWER UNDER DRAIN CONDUIT OR CASING ITS CONDUIT		<p>EXISTING /PROPOSED</p> HORIZONTAL ALIGNMENT CONTROL LINE CURB GUTTER COMBINATION CURB AND GUTTER CULVERT WITH FLOW INDICATOR CULVERT WITH APRONS METAL GUARDRAIL CONCRETE BARRIER FENCE FENCE ON INTERSTATE ROW LINE FENCE ON ROW LINE FENCE ON PURCHASED ACCESS LINE FENCE ON PROPERTY LINE FENCE ON RAILROAD ROW LINE GATE SNOW FENCE RETAINING WALL EDGE OF WATER OR FLOW LINE EXISTING GROUND TOE OF FILL (SLOPE LIMIT) TOP OF CUT (SLOPE LIMIT) ROAD CLOSURE DELINEATOR TYPE 1 DELINEATOR TYPE 2 DELINEATOR TYPE 3 DELINEATOR TYPE 4 SIGN SINGLE POST SIGN DOUBLE POST EMERGENCY VEHICLE PREEMPT DETECTOR ELECTRICAL SERVICE PEDESTAL VIDEO DETECTION CAMERA LUMINAIRE HEAD ILLUMINATION POLE STOP BAR YIELD LINE FLAGGER STATION FLAGGER STATION	
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MARCUS LEVESEY	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED CHANC MEYER	
DETAILED MARCUS LEVESEY	CADD FILE NAME 21981 LGND 001.dgn
DRAWING CHECKED G.E. SIEGFORD	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

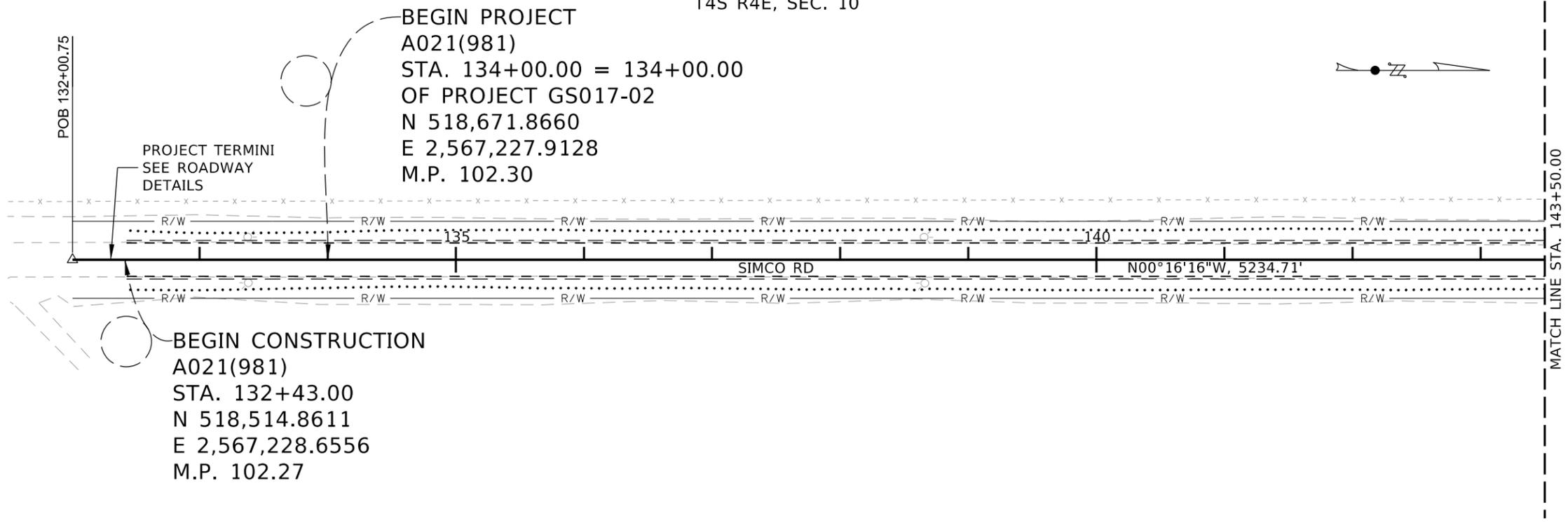
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

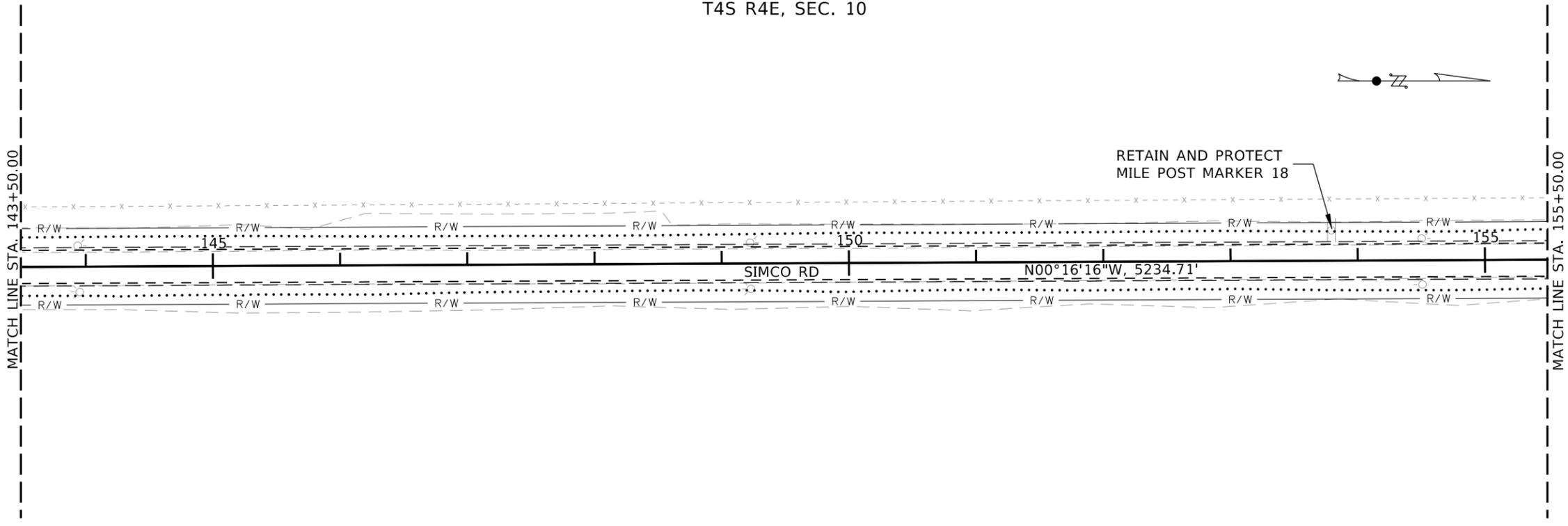
LEGEND
SIMCO ROAD REHABILITATION MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 14 OF 143

T4S R4E, SEC. 10



T4S R4E, SEC. 10



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 001.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

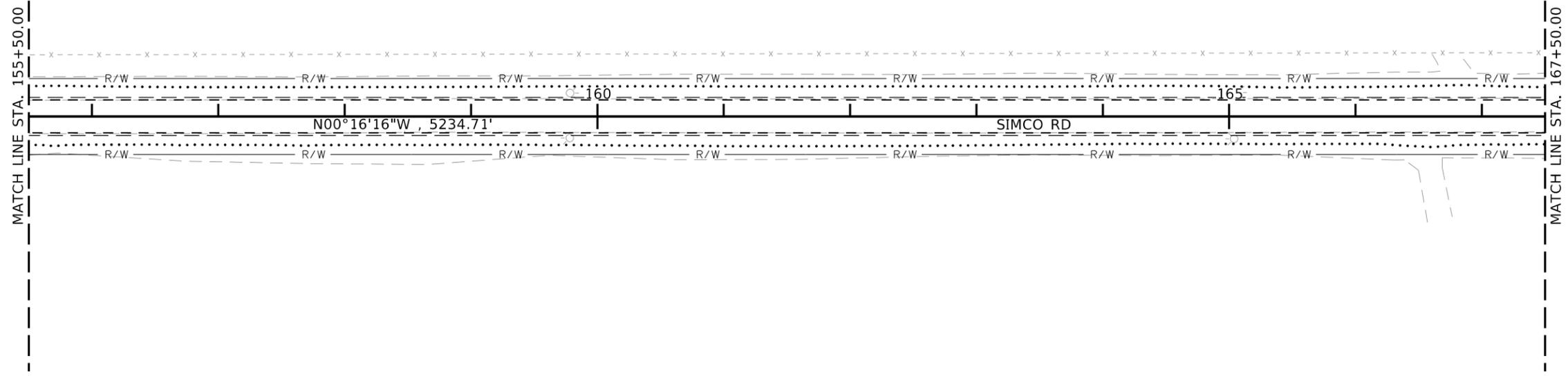
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 15 OF 143



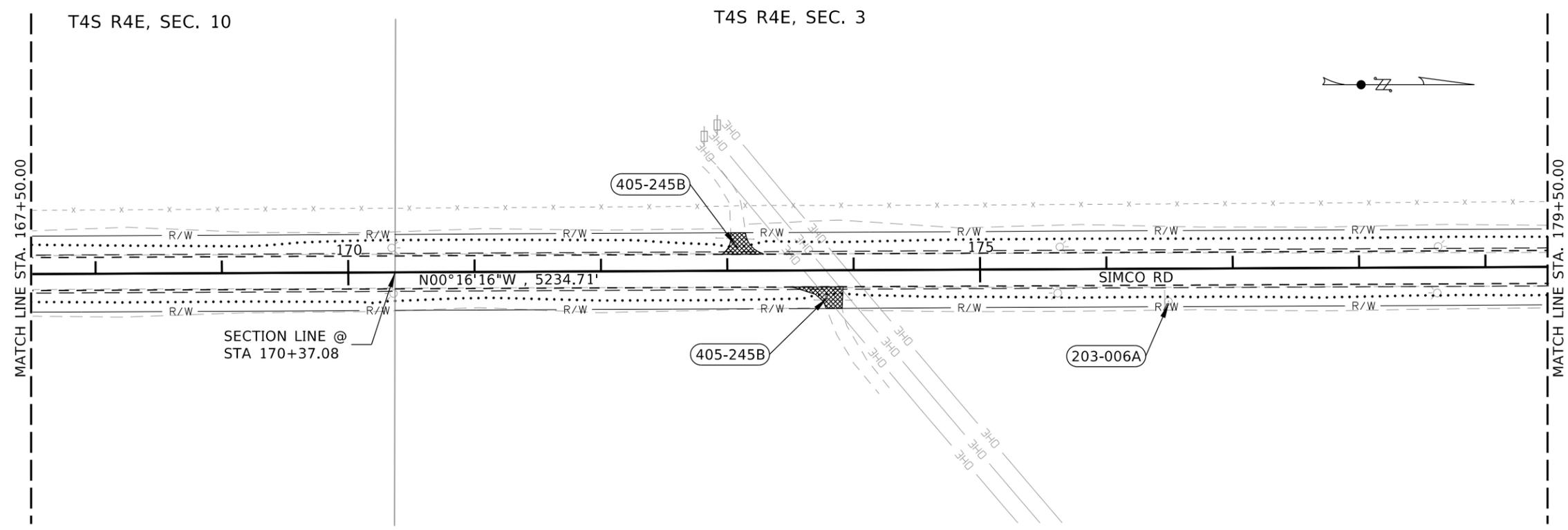
T4S R4E, SEC. 10



- 203-006A REMOVAL OF SIGN
1 EACH STA 176+48.97 RT
- 405-245B APPROACH - GRAVEL
1 EACH STA 173+08.98 LT
1 EACH STA 173+84.91 RT

T4S R4E, SEC. 10

T4S R4E, SEC. 3



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 003.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

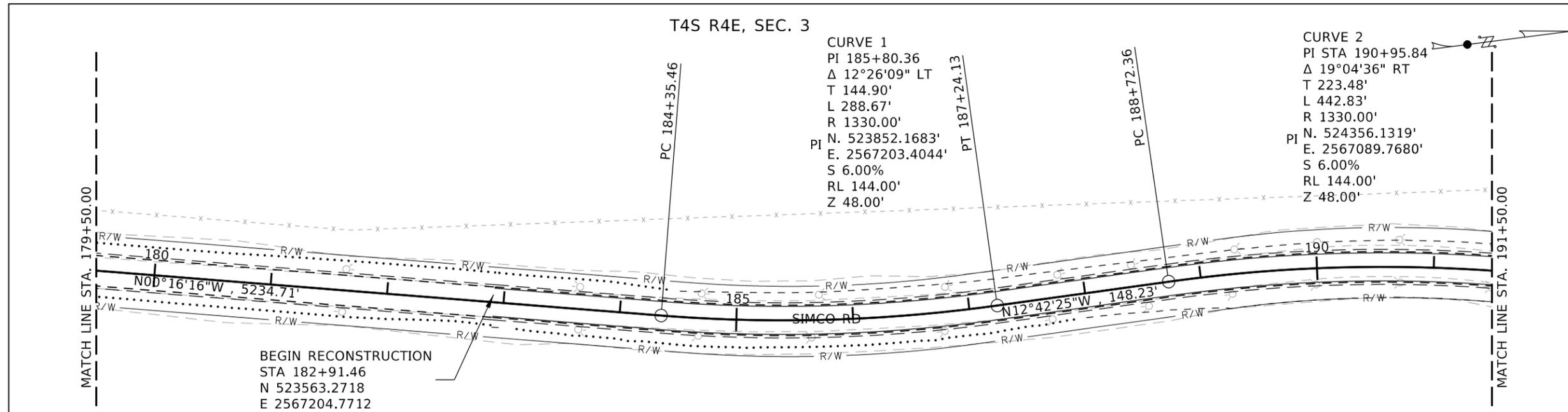
SHEET 16 OF 143



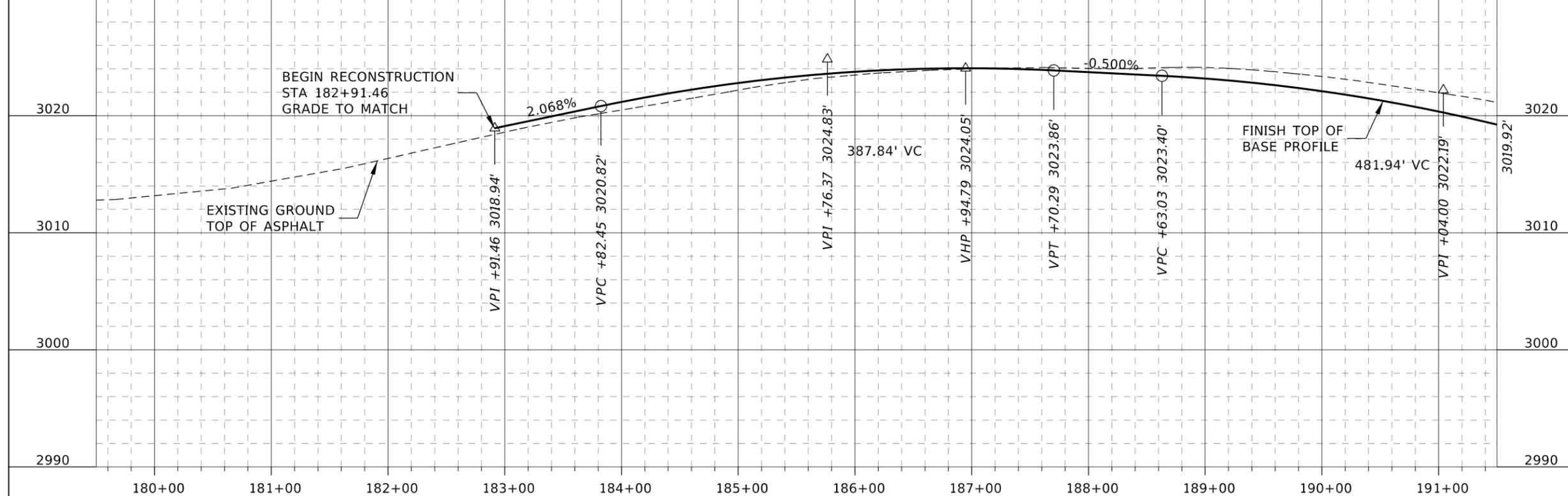
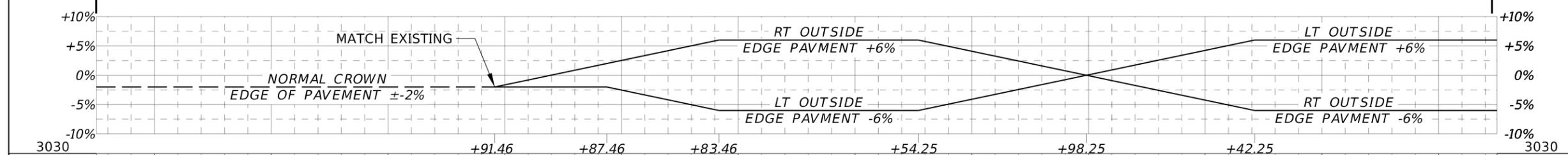
T4S R4E, SEC. 3

CURVE 1
 PI 185+80.36
 Δ 12°26'09" LT
 T 144.90'
 L 288.67'
 R 1330.00'
 PI N. 523852.1683'
 E. 2567203.4044'
 S 6.00%
 RL 144.00'
 Z 48.00'

CURVE 2
 PI STA 190+95.84
 Δ 19°04'36" RT
 T 223.48'
 L 442.83'
 R 1330.00'
 PI N. 524356.1319'
 E. 2567089.7680'
 S 6.00%
 RL 144.00'
 Z 48.00'



BEGIN RECONSTRUCTION
 STA 182+91.46
 N 523563.2718
 E 2567204.7712



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 21981 plpr 005.dgn
 DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety-YOUR Mobility-YOUR Economic Opportunity
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

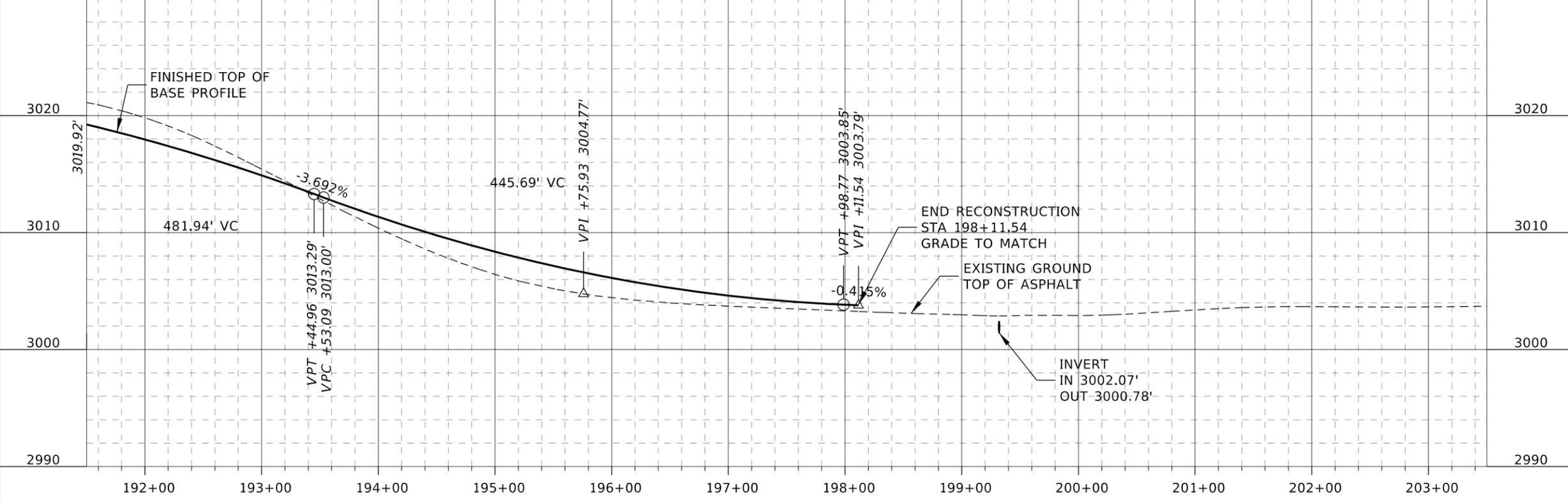
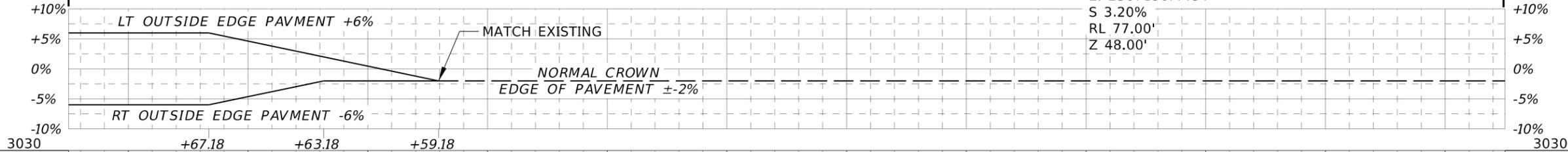
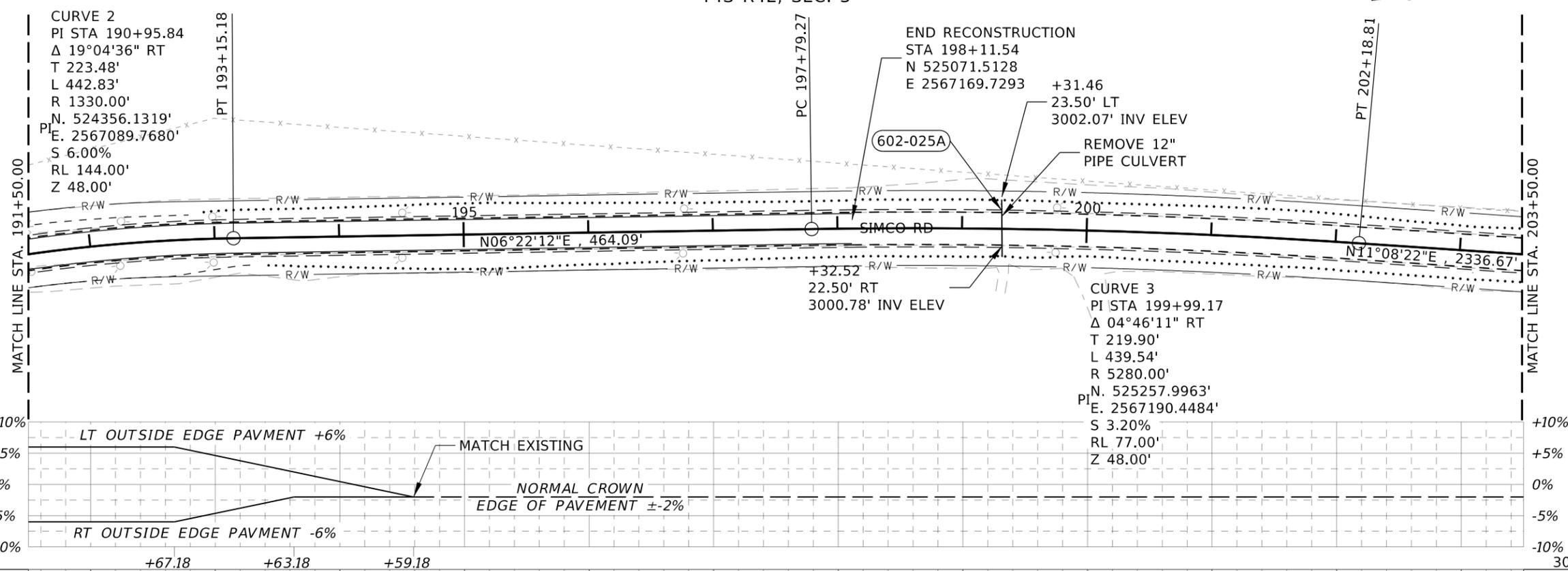
PLAN & PROFILE
 SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981 22879 23746 24280
 SHEET 17 OF 143



T4S R4E, SEC. 3

602-025A 12" PIPE CULVERT
46 FT STA 199+32.05



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 006.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety-YOUR Mobility-YOUR Economic Opportunity

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

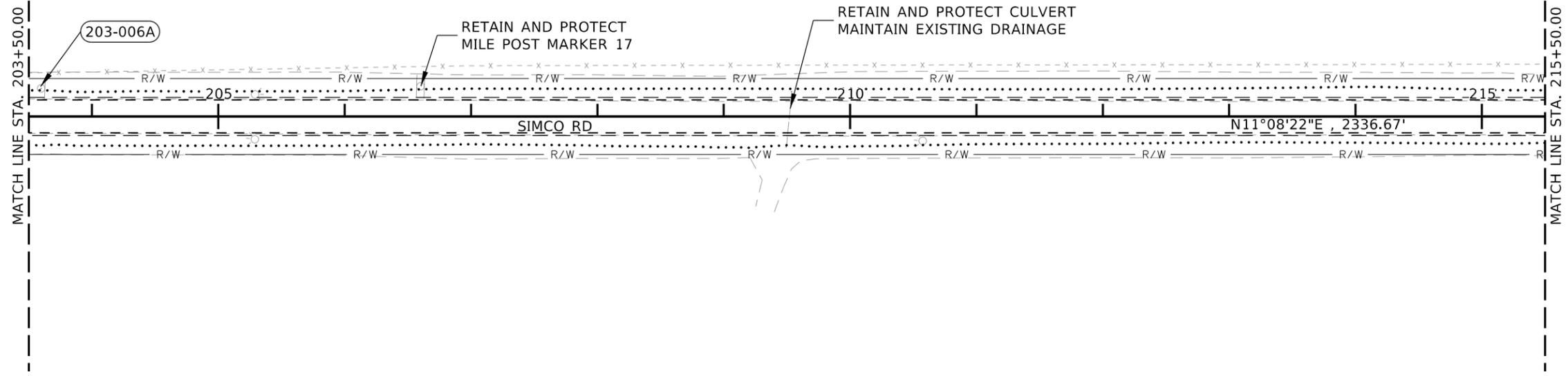
PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981
22879 23746 24280
SHEET 18 OF 143



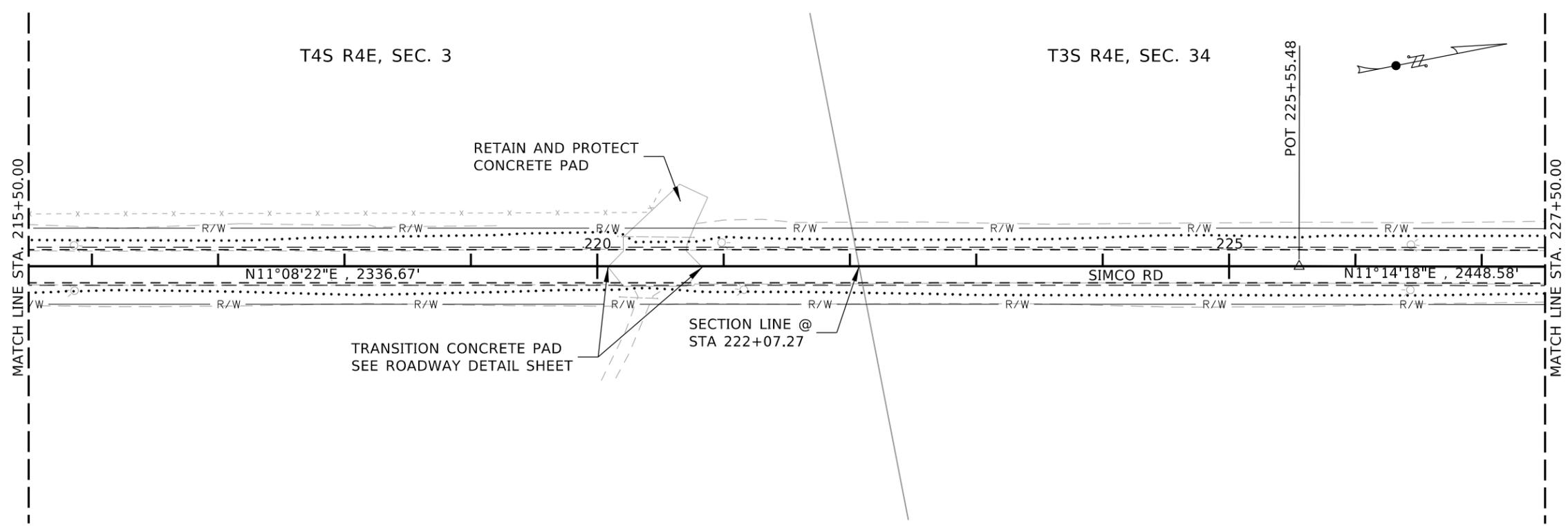
203-006A
1 EACH
REMOVAL OF SIGN
STA 203+59.77

T4S R4E, SEC. 3



T4S R4E, SEC. 3

T3S R4E, SEC. 34



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 007.dgn

DRAWING DATE:
22-JUL-2024

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DEPARTMENT**

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HMH engineering



PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

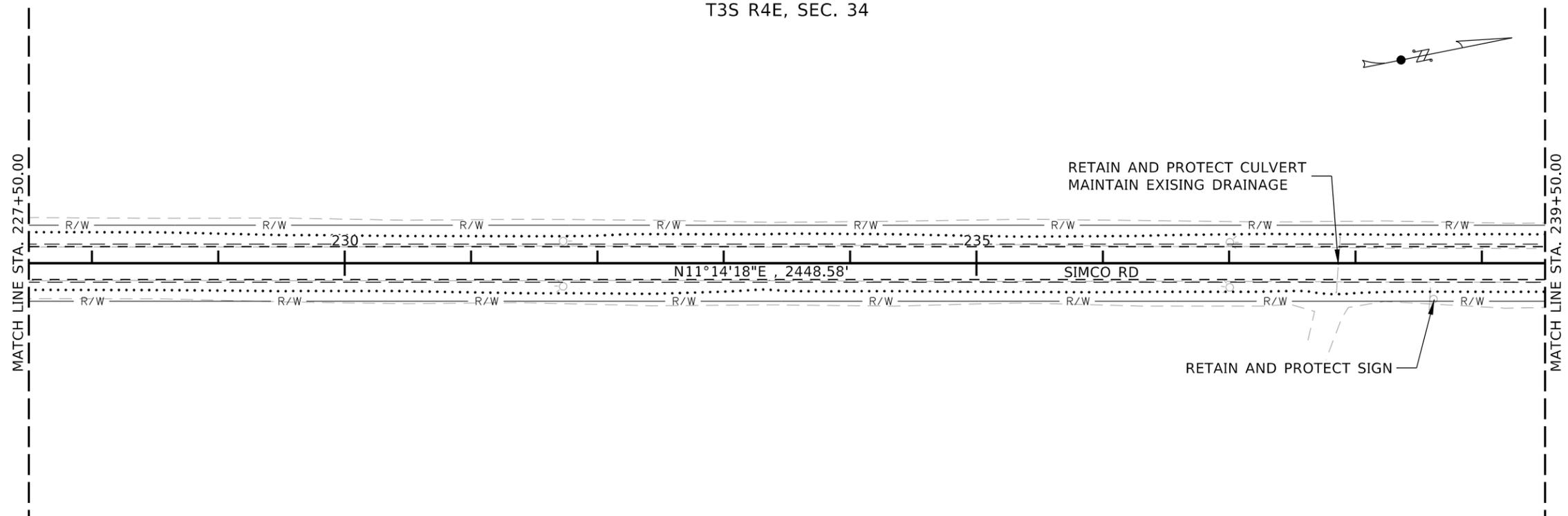
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 19 OF 143

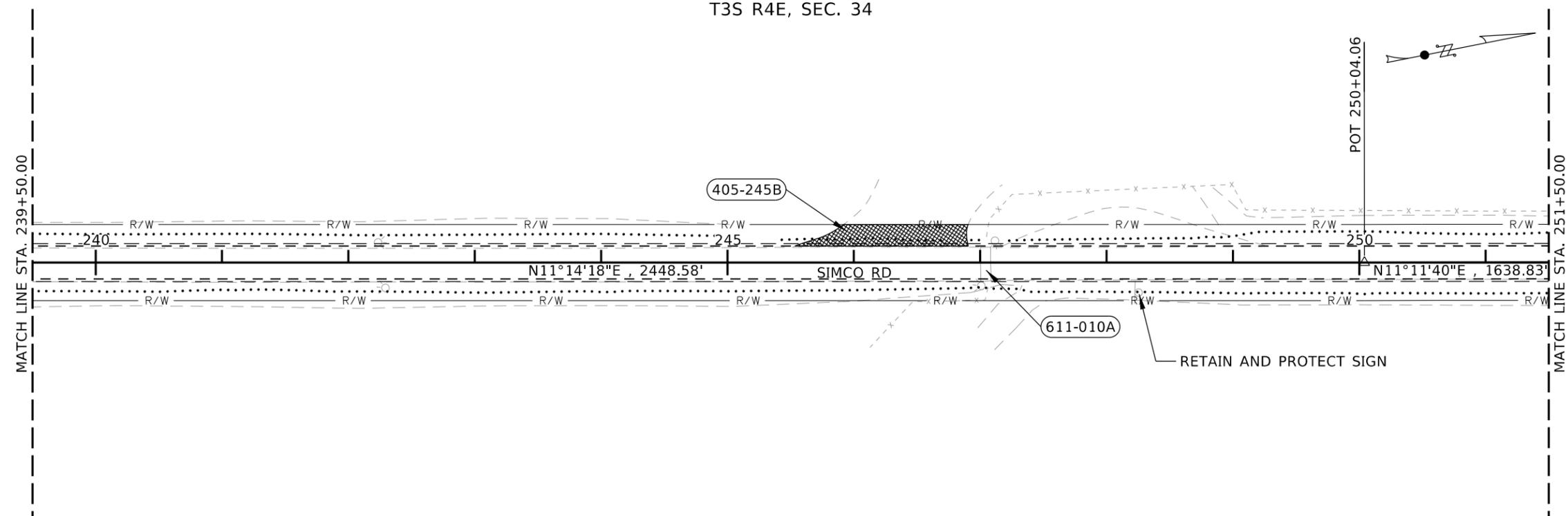


T3S R4E, SEC. 34



- 405-245B APPROACH - GRAVEL
1 EACH STA 246+07.59
- 611-010A CATTLE GUARD TY A
1 EACH STA 247+04.29

T3S R4E, SEC. 34



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 009.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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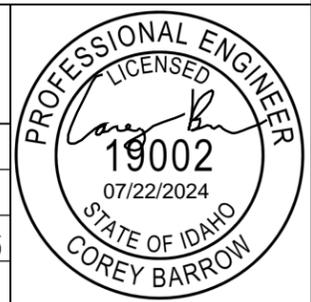
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

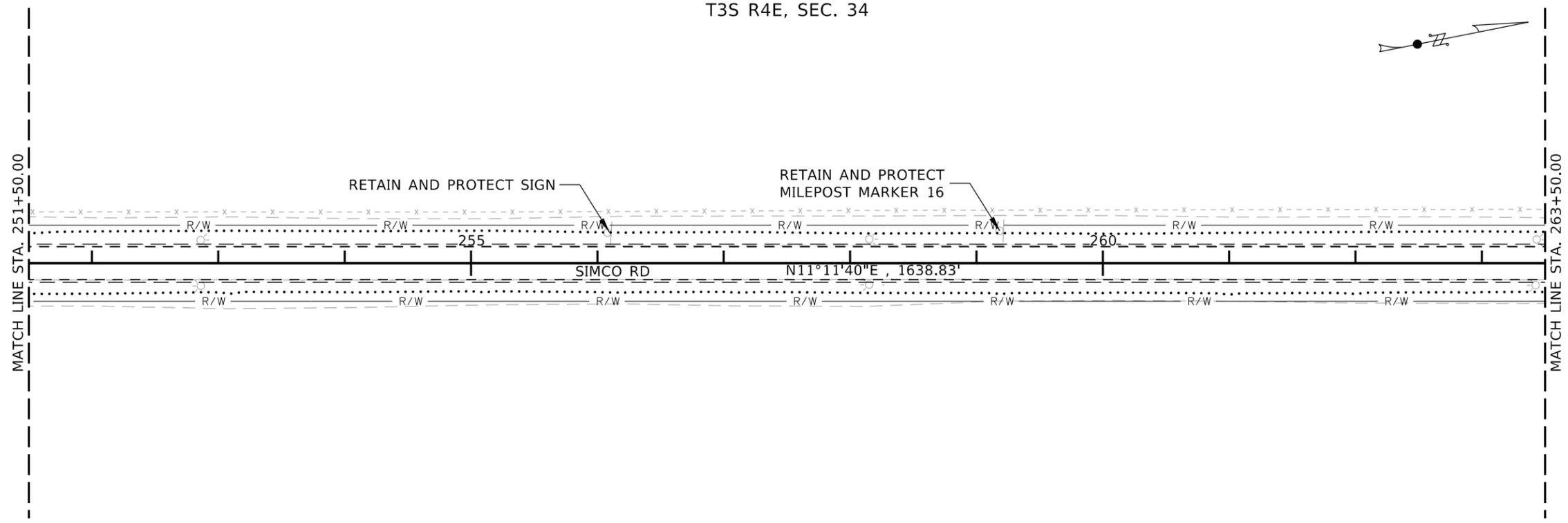
PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 20 OF 143	

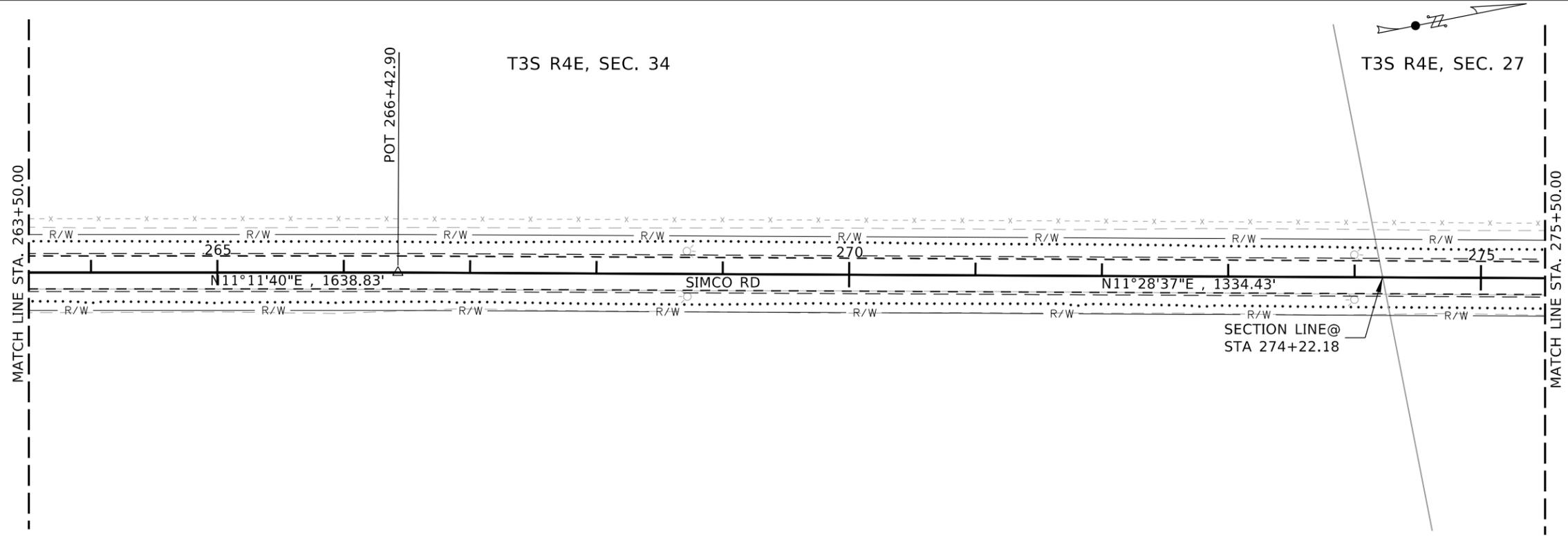


T3S R4E, SEC. 34



T3S R4E, SEC. 34

T3S R4E, SEC. 27



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 011.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



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HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

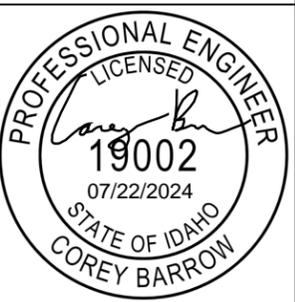
PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

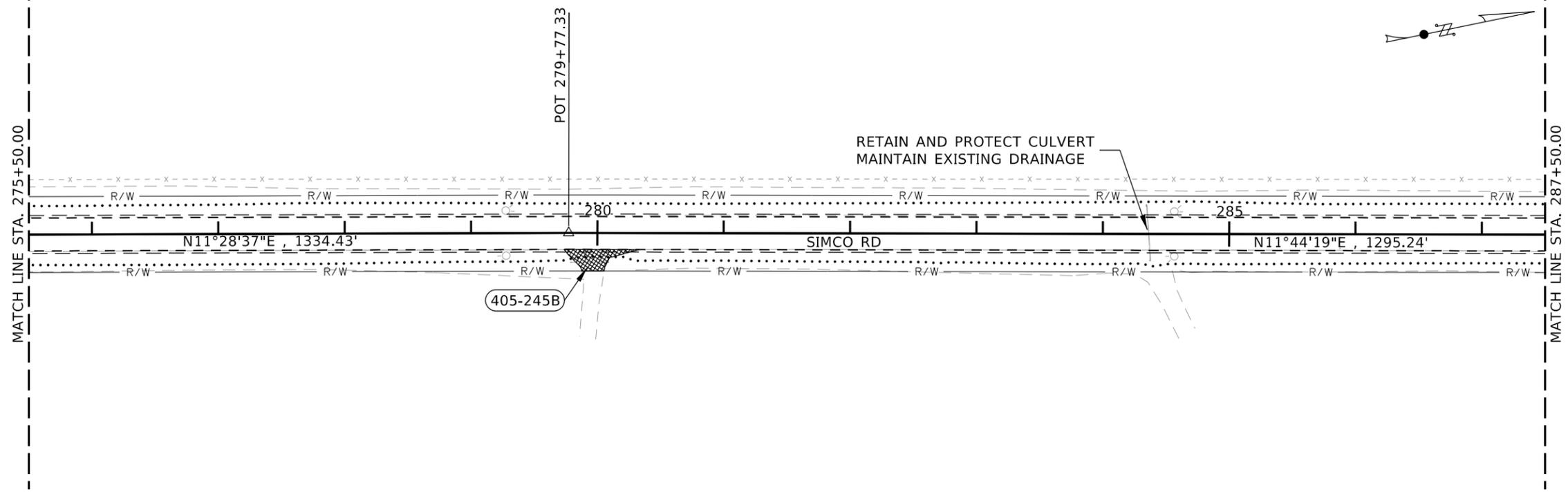
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 21 OF 143

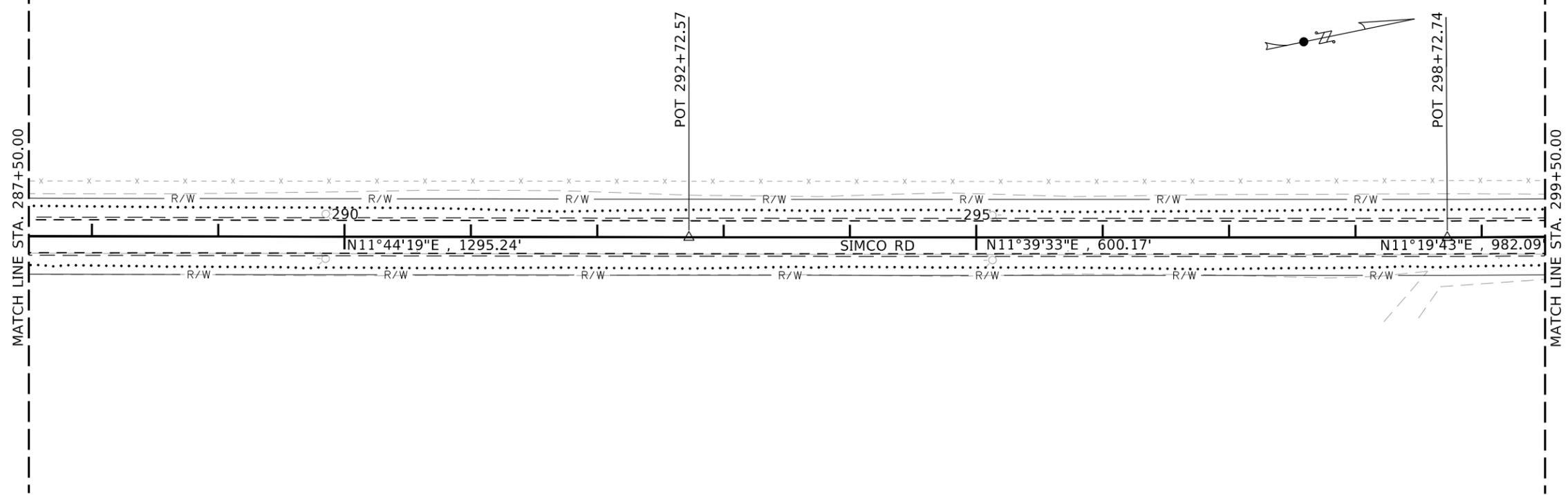


T3S R4E, SEC. 27



405-245B
1 EACH
APPROACH - GRAVEL
STA 280+00.00 RT

T3S R4E, SEC. 27



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 013.dgn

DRAWING DATE:
22-JUL-2024

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PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

COUNTY ELMORE

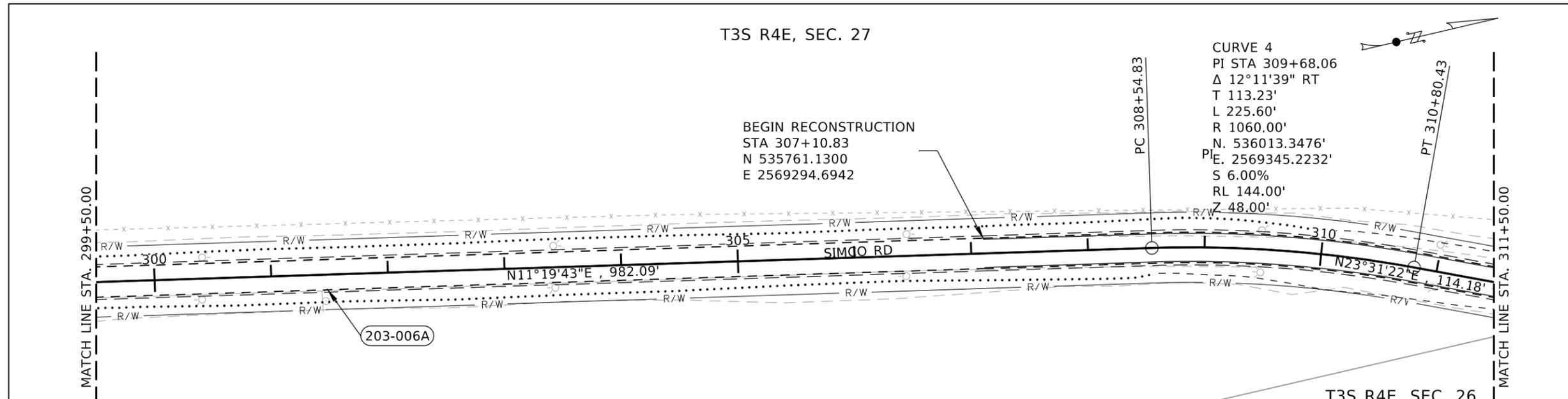
KEY NUMBER 21981
22879 23746 24280

SHEET 22 OF 143

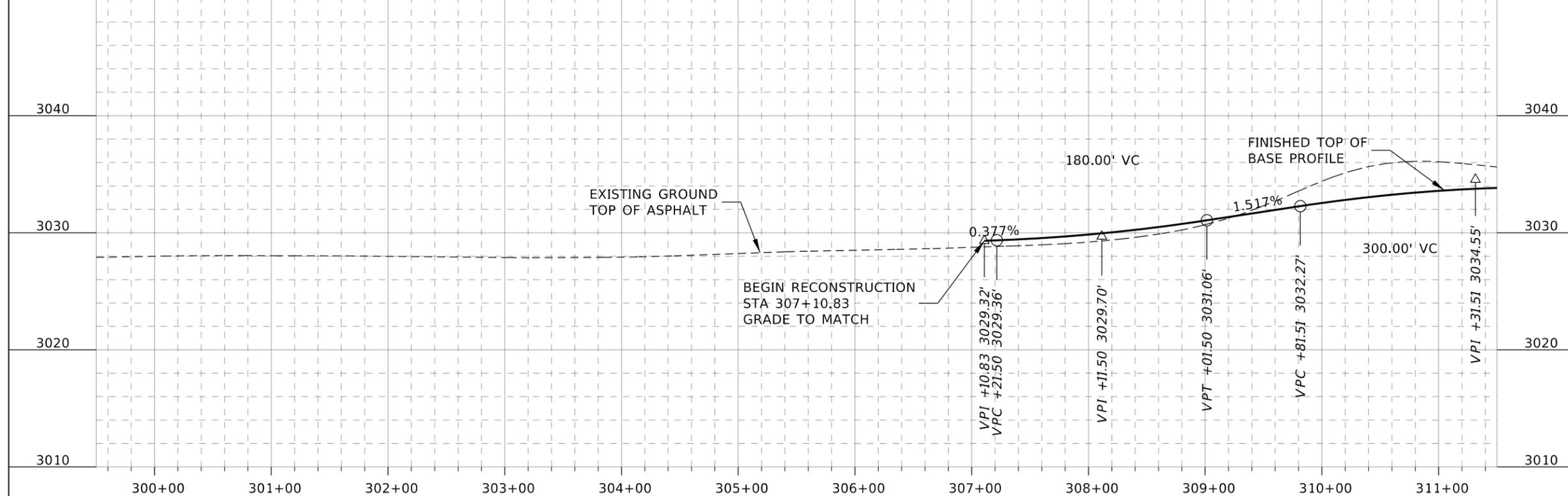
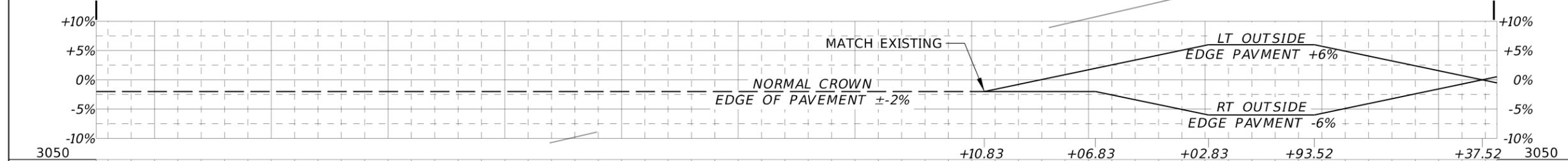


T3S R4E, SEC. 27

203-006A
1 EACH
REMOVAL OF SIGN
STA 301+46.22 RT



CURVE 4
 PI STA 309+68.06
 Δ 12°11'39" RT
 T 113.23'
 L 225.60'
 R 1060.00'
 N. 536013.3476'
 E. 2569345.2232'
 S 6.00%
 RL 144.00'
 Z 48.00'



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
C. BARROW
 DESIGN CHECKED
H. NELSON
 DETAILED
G. FALLAR
 DRAWING CHECKED
C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
 CADD FILE NAME
21981 plpr 015.dgn
 DRAWING DATE:
22-JUL-2024

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HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

PLAN & PROFILE
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

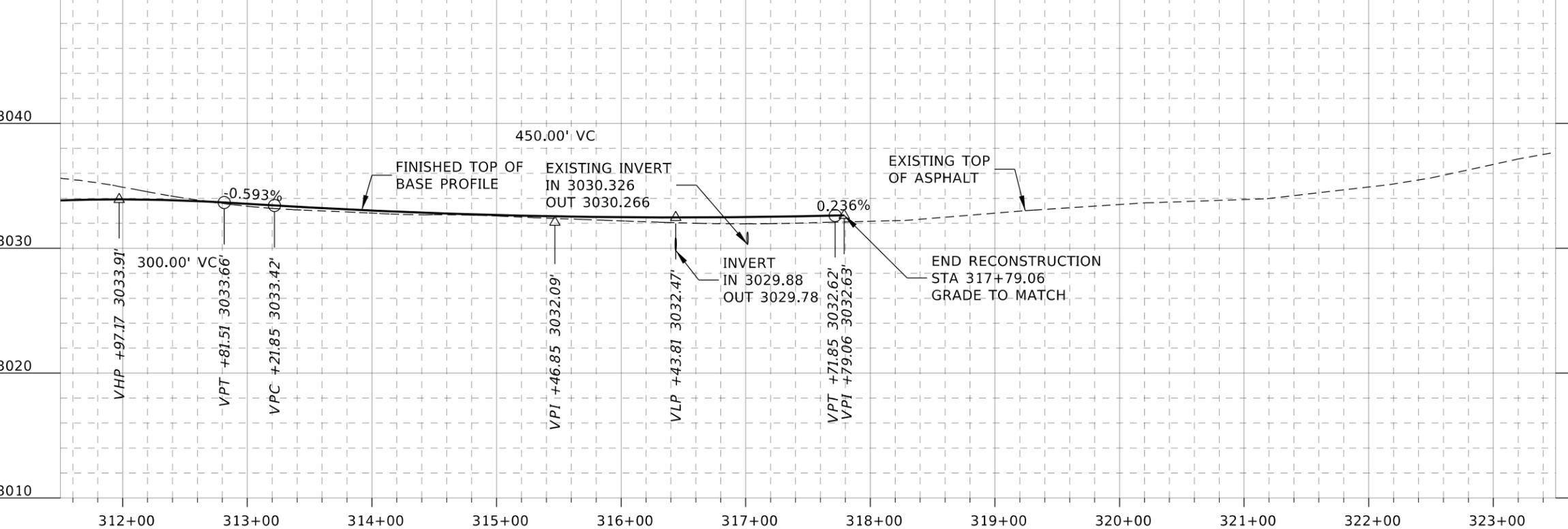
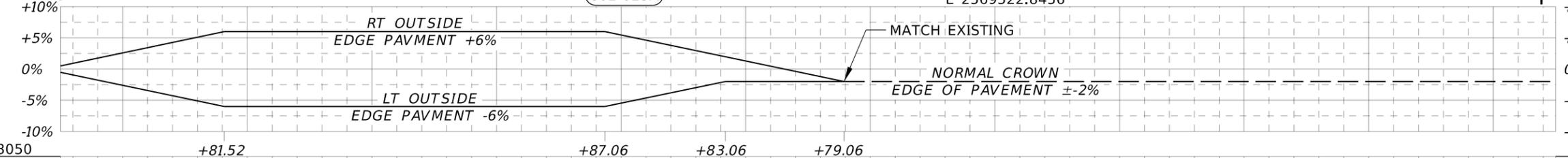
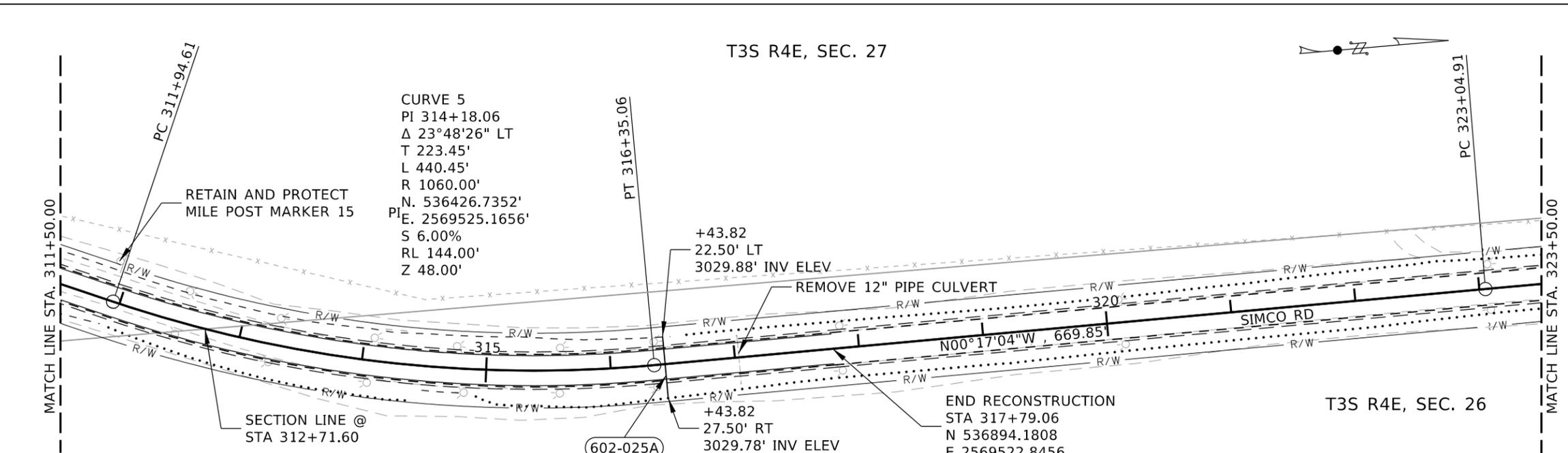
ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 23 OF 143



T3S R4E, SEC. 27

602-025A
50 FT
12' PIPE CULVERT
STA 316+43.82

CURVE 5
PI 314+18.06
Δ 23°48'26" LT
T 223.45'
L 440.45'
R 1060.00'
N. 536426.7352'
E. 2569525.1656'
S 6.00%
RL 144.00'
Z 48.00'



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 21981 plpr 016.dgn
DRAWING DATE: 22-JUL-2024

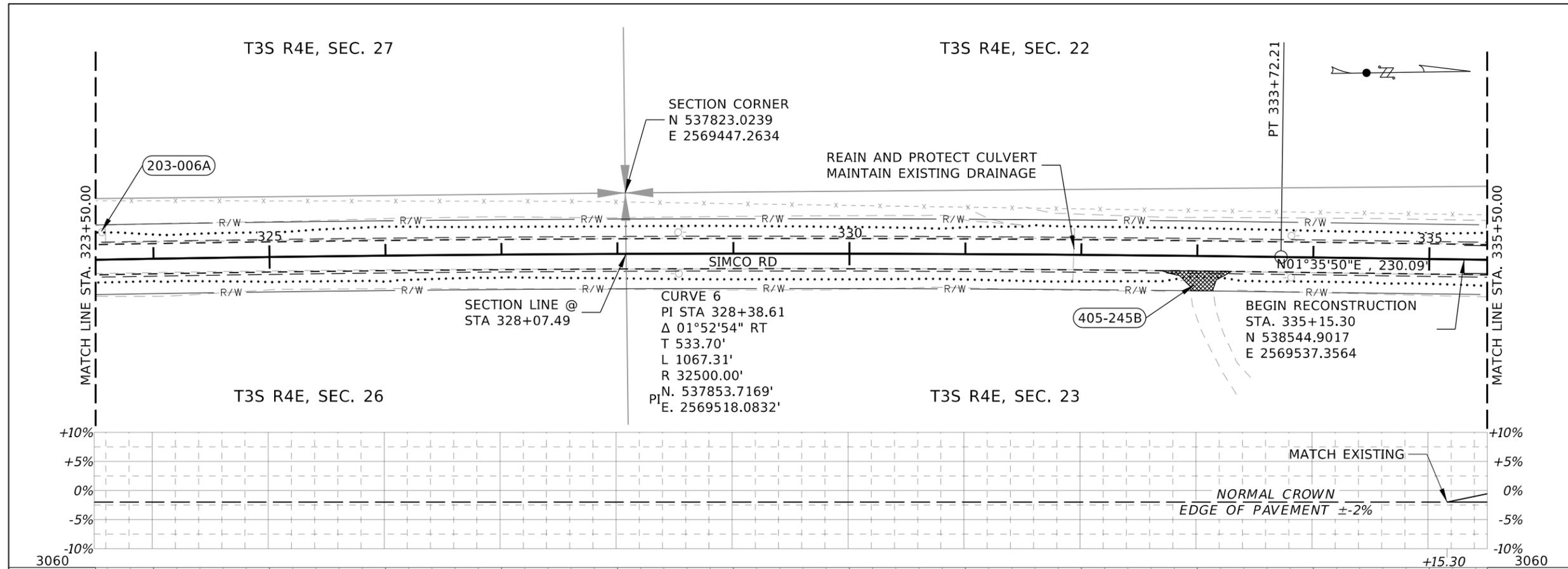
IDAHO TRANSPORTATION DEPARTMENT
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

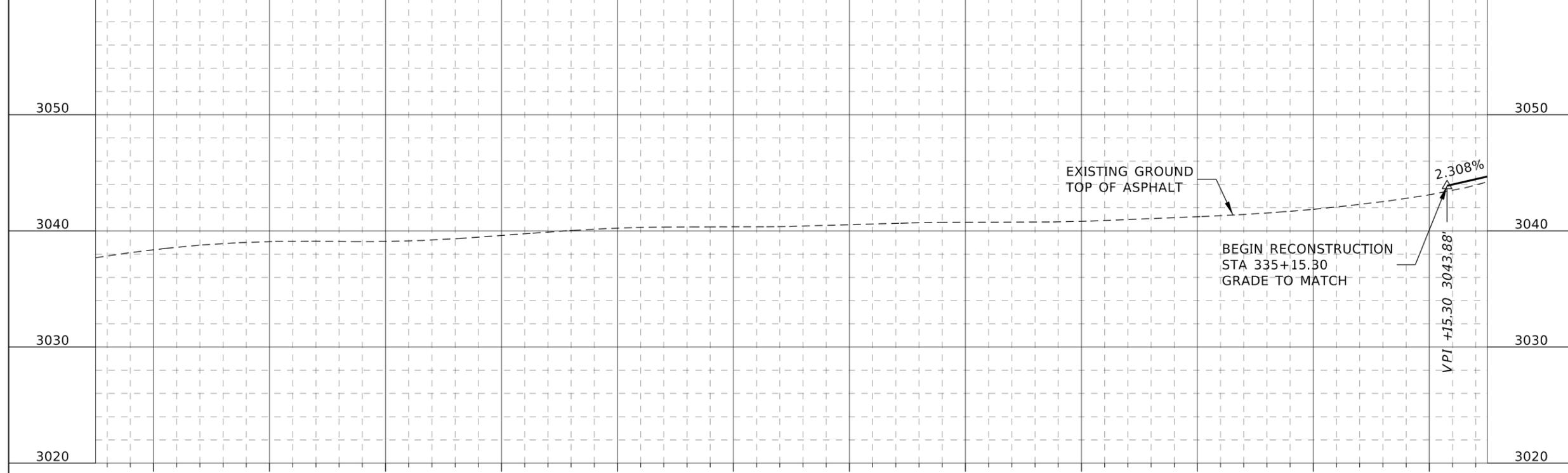
PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 24 OF 143





- 203-006A
1 EACH
REMOVAL OF SIGN
STA 323+55.92 LT
- 405-245B
1 EACH
APPROACH - GRAVEL
STA 333+00.00 RT



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 plpr 017.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

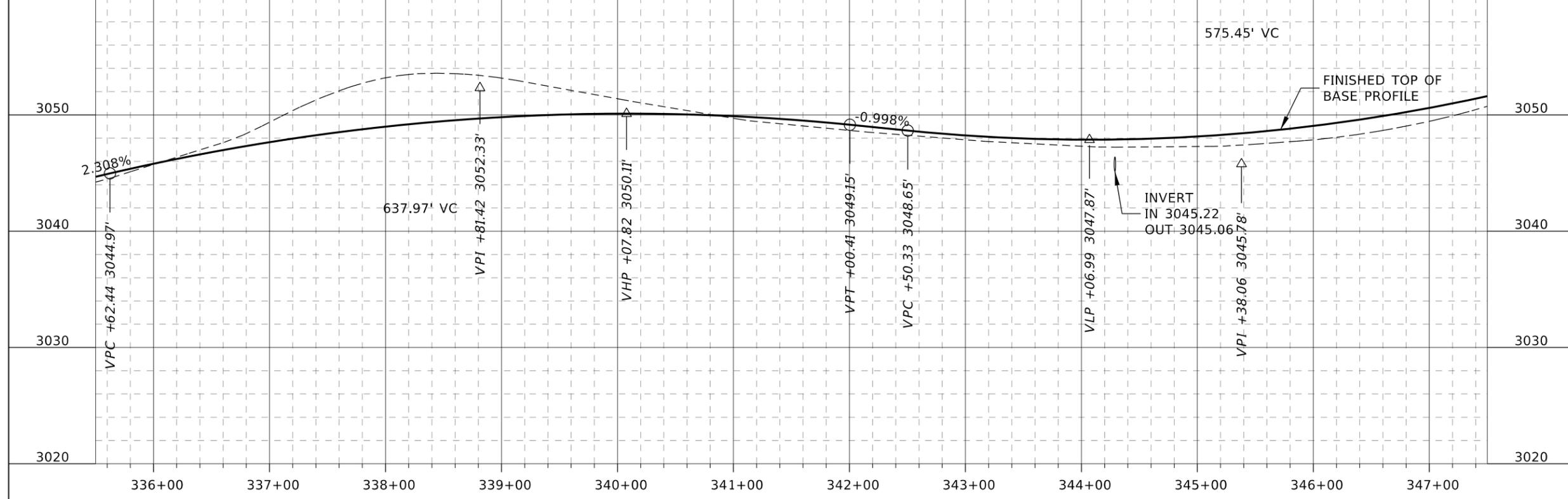
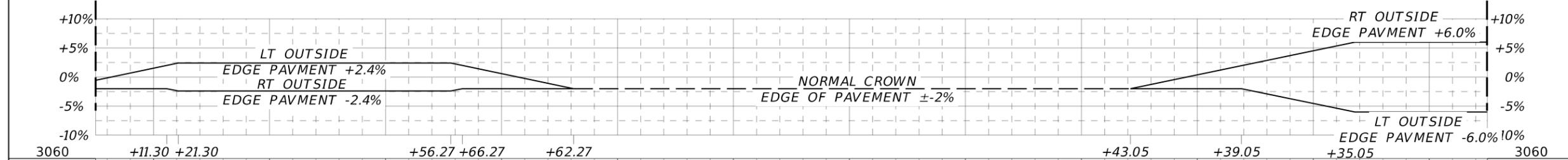
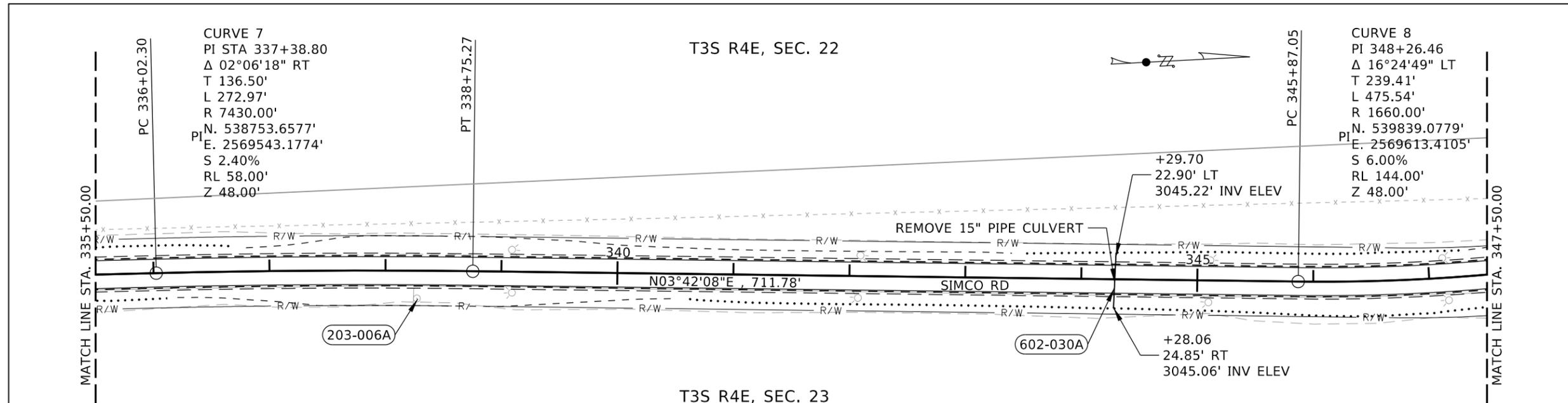
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	25 OF 143





203-006A 1 EACH	REMOVAL OF SIGN STA 338+27.20
602-030A 47.75 EACH	15" PIPE CULVERT STA 344+28.92

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 plpr 018.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety-YOUR Mobility-YOUR Economic Opportunity

HMH engineering

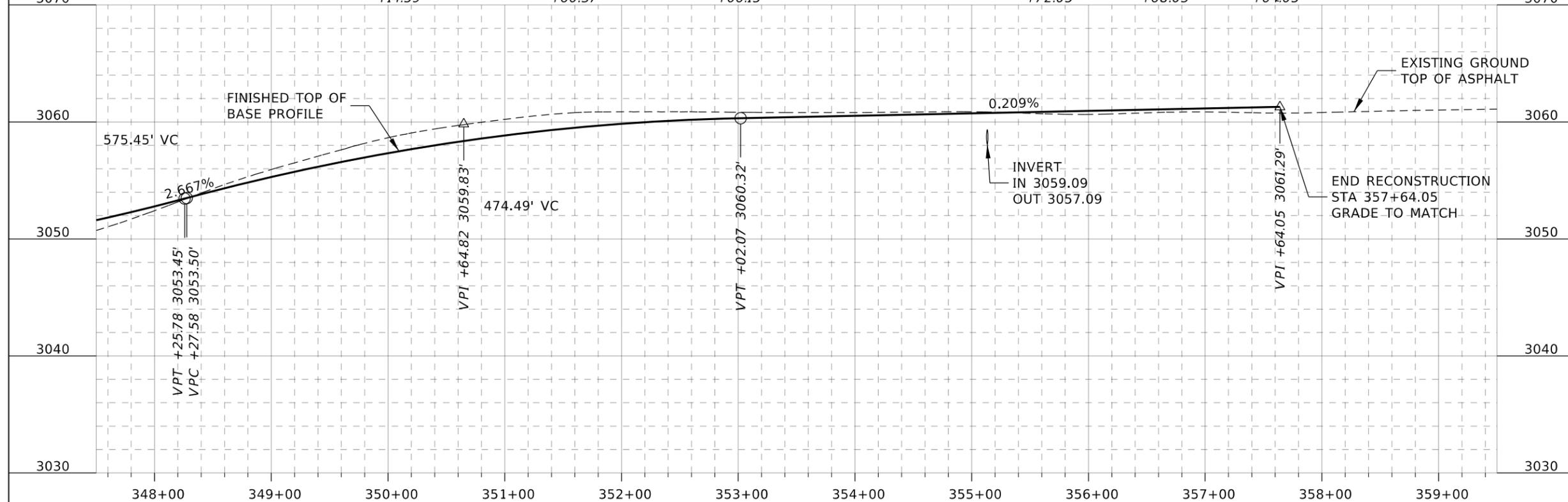
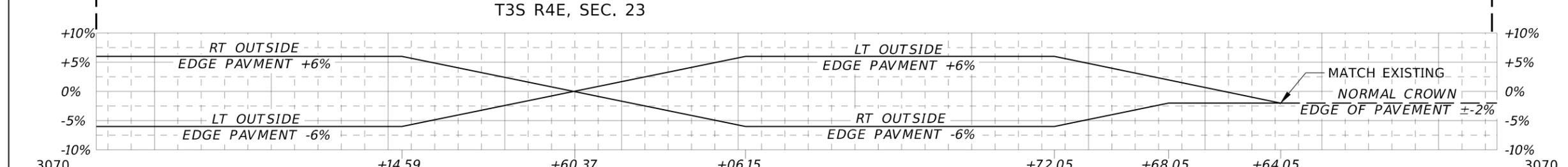
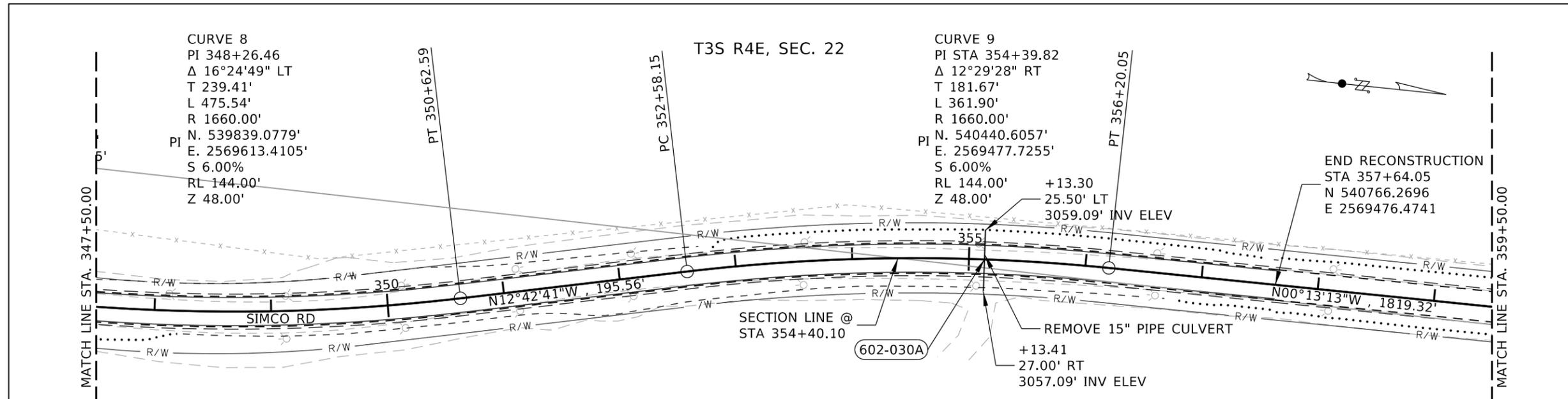
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 26 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 019.dgn

DRAWING DATE:
22-JUL-2024

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

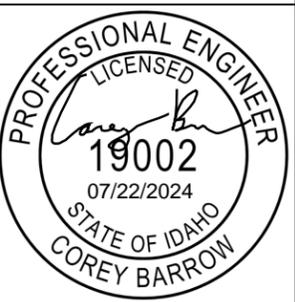
PLAN & PROFILE
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH

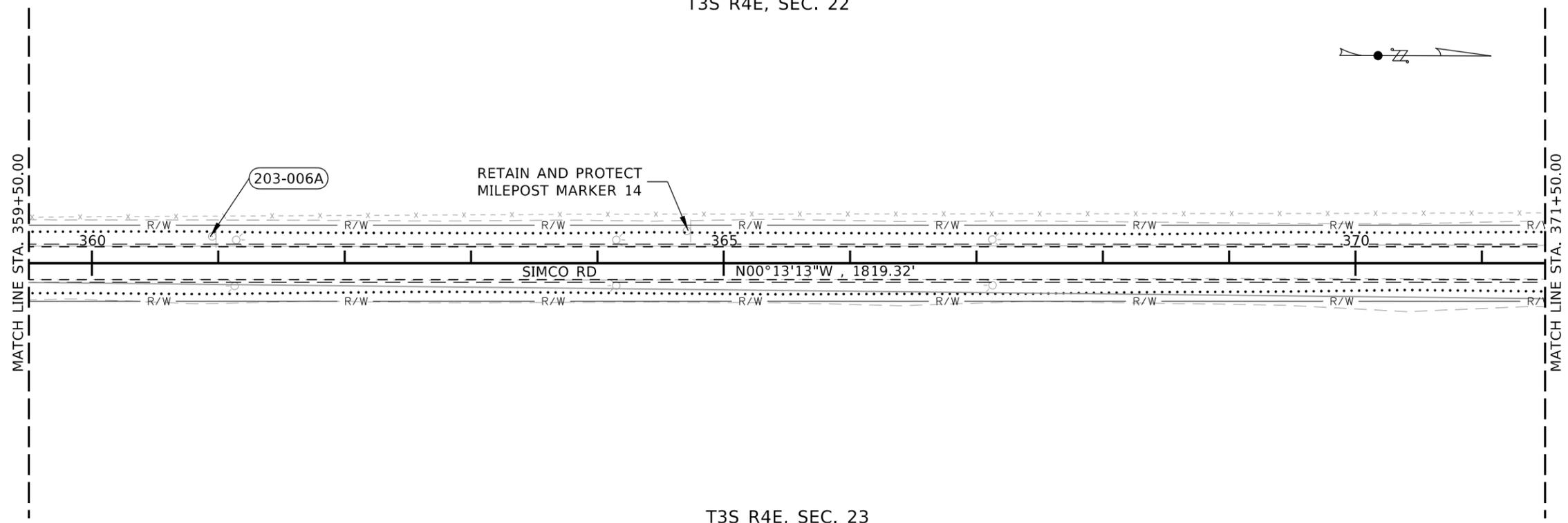
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 27 OF 143



T3S R4E, SEC. 22

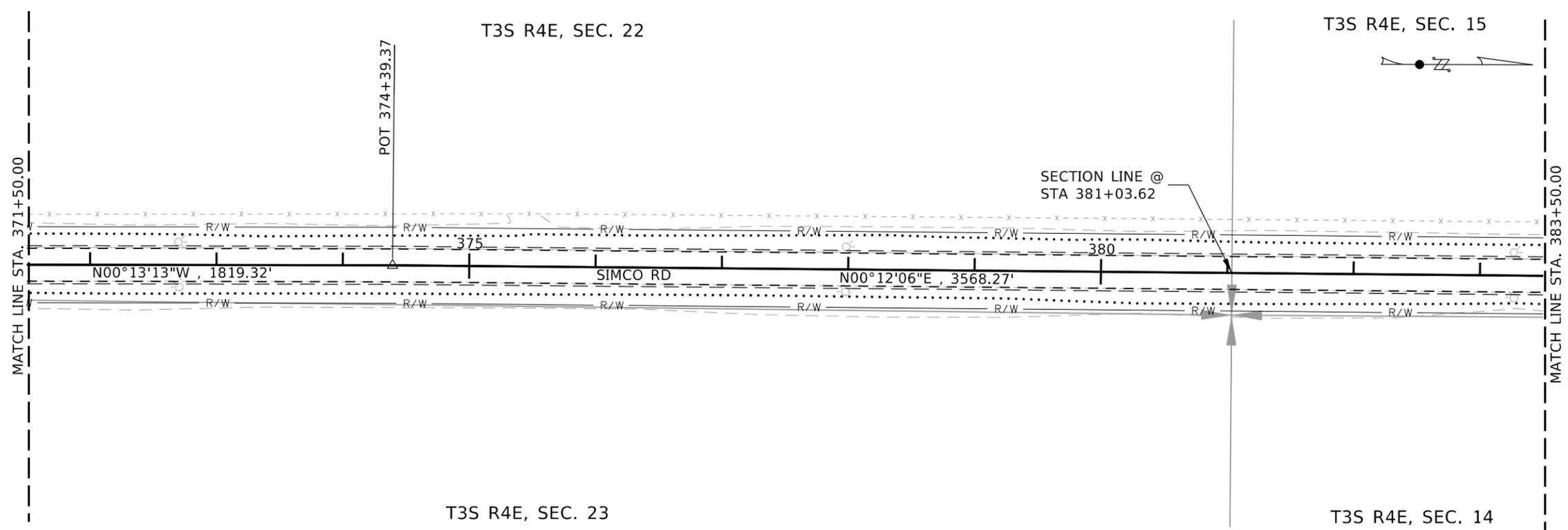


T3S R4E, SEC. 23

203-006A
1 EACH
REMOVAL OF SIGN
STA 360+95.19

T3S R4E, SEC. 22

T3S R4E, SEC. 15



T3S R4E, SEC. 23

T3S R4E, SEC. 14

REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 020.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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TRANSPORTATION
DEPARTMENT**

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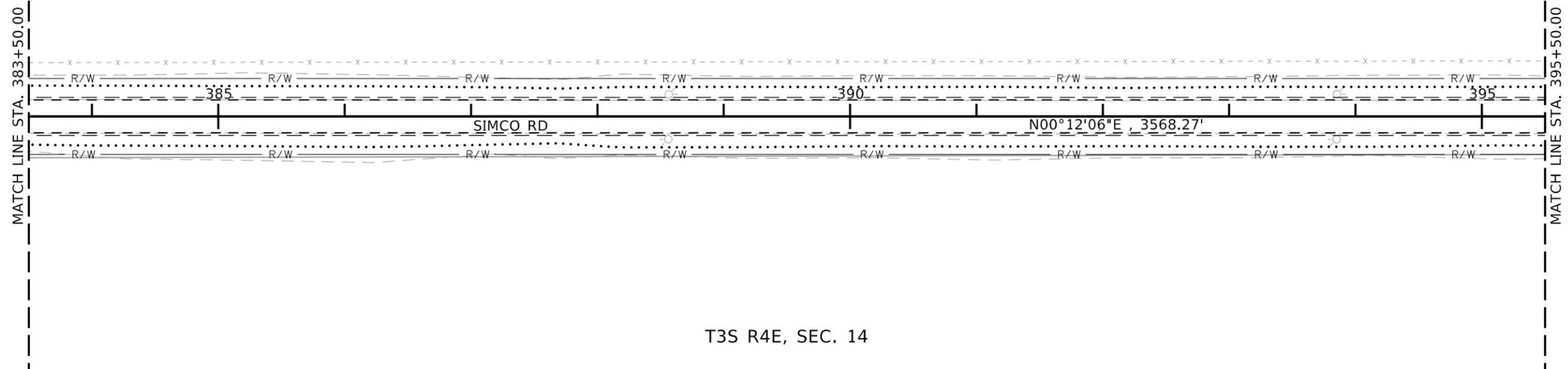
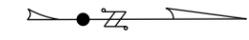
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 28 OF 143	



T3S R4E, SEC. 15



T3S R4E, SEC. 14

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

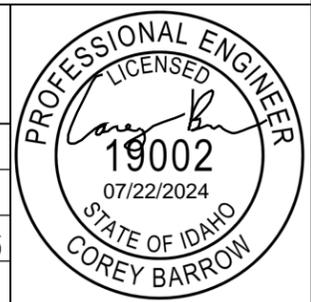
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DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 022.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

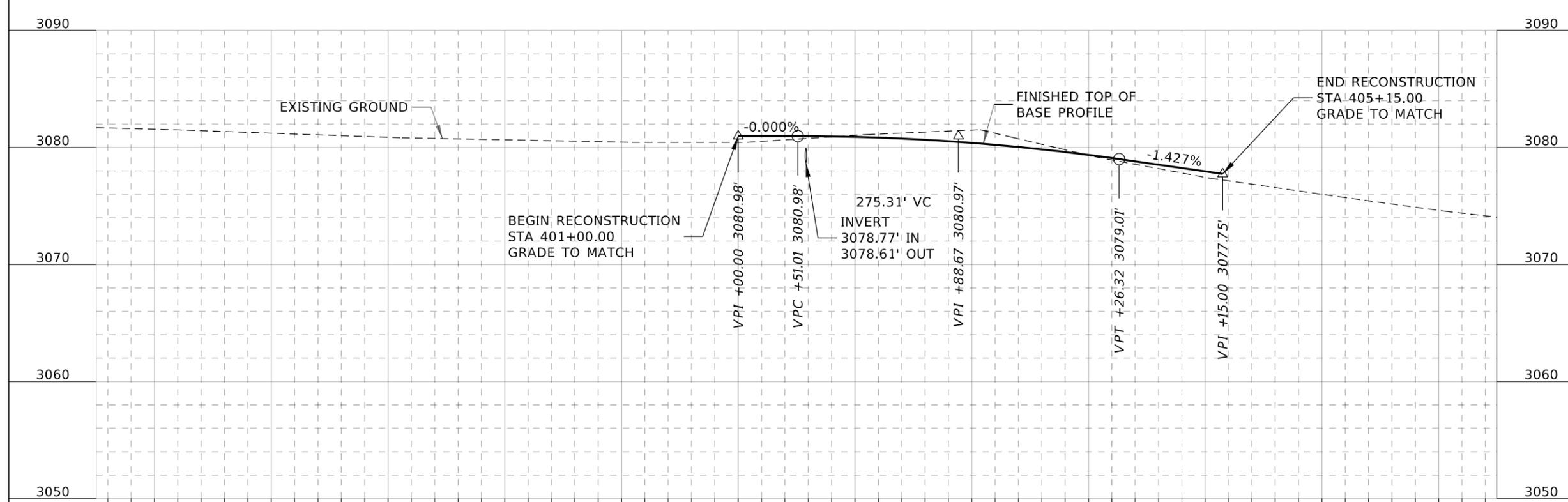
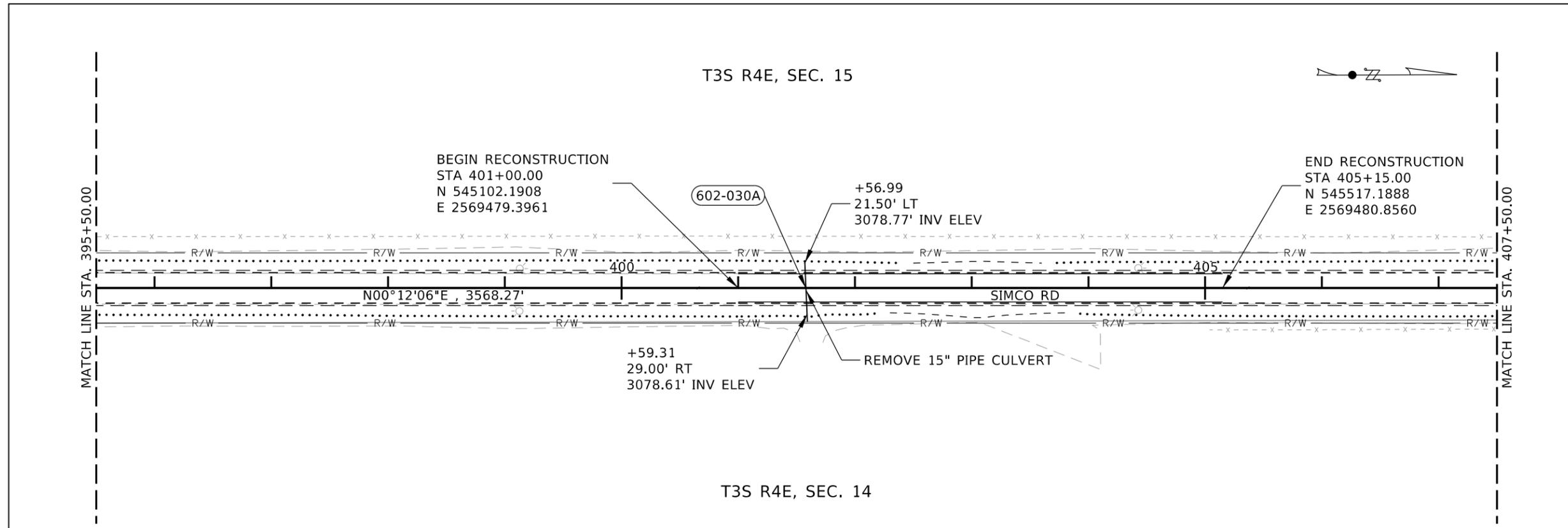
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 29 OF 143



602-030A
50.50 FT
15" PIPE CULVERT
STA 401+58.01



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 023.dgn

DRAWING DATE:
22-JUL-2024

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A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

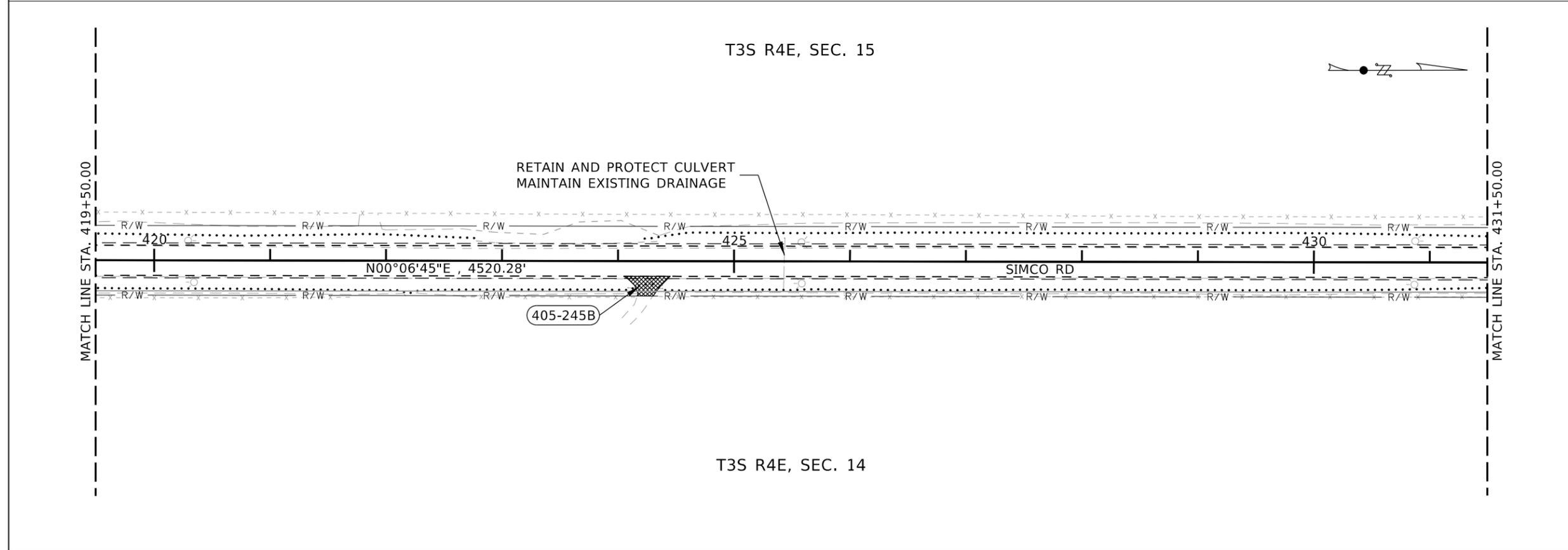
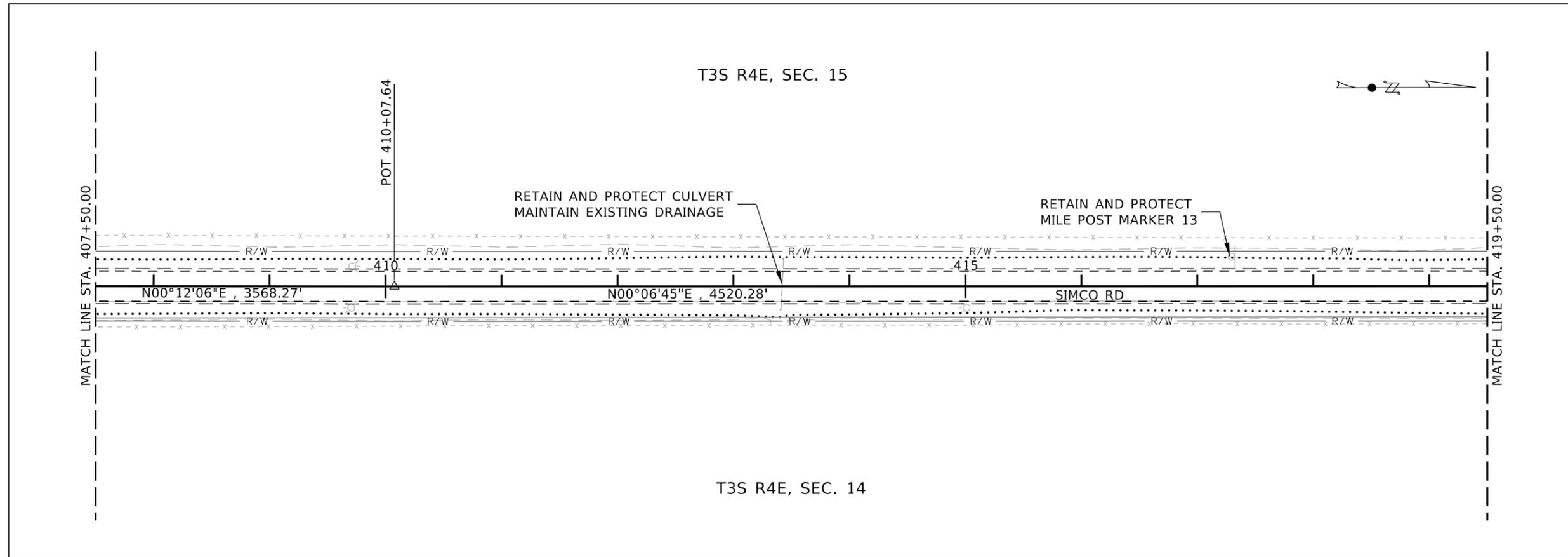
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 30 OF 143



405-245B
1 EACH
APPROAH - GRAVEL
STA 424+27.45 RT



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 024.dgn

DRAWING DATE:
22-JUL-2024

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DEPARTMENT**

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HMH engineering



PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

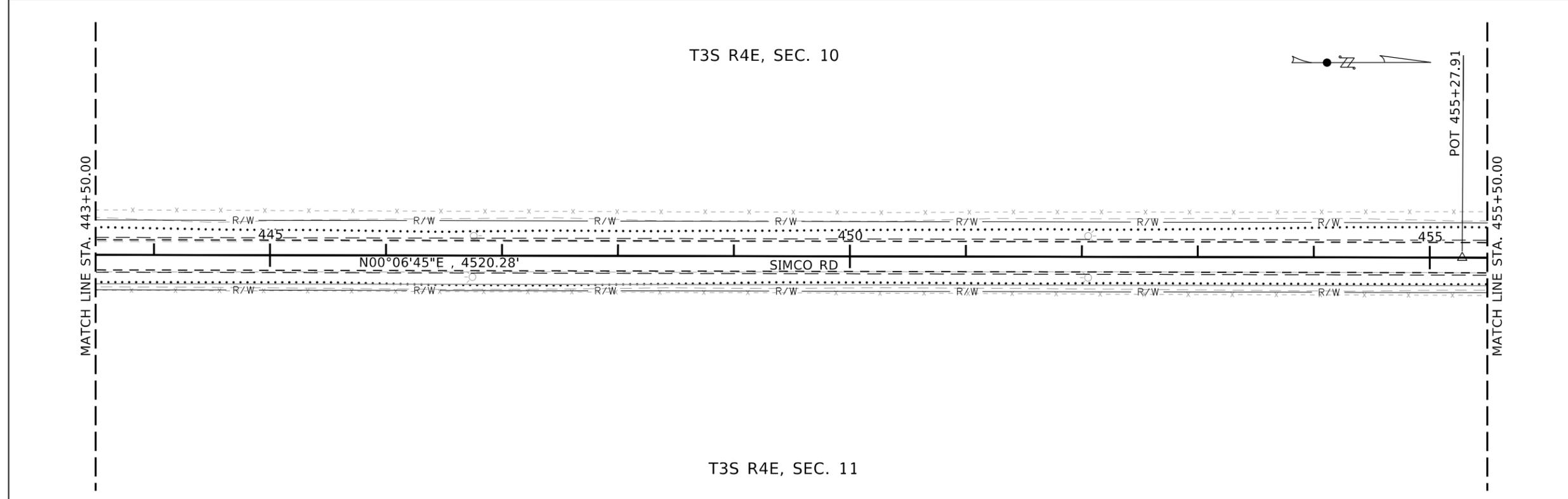
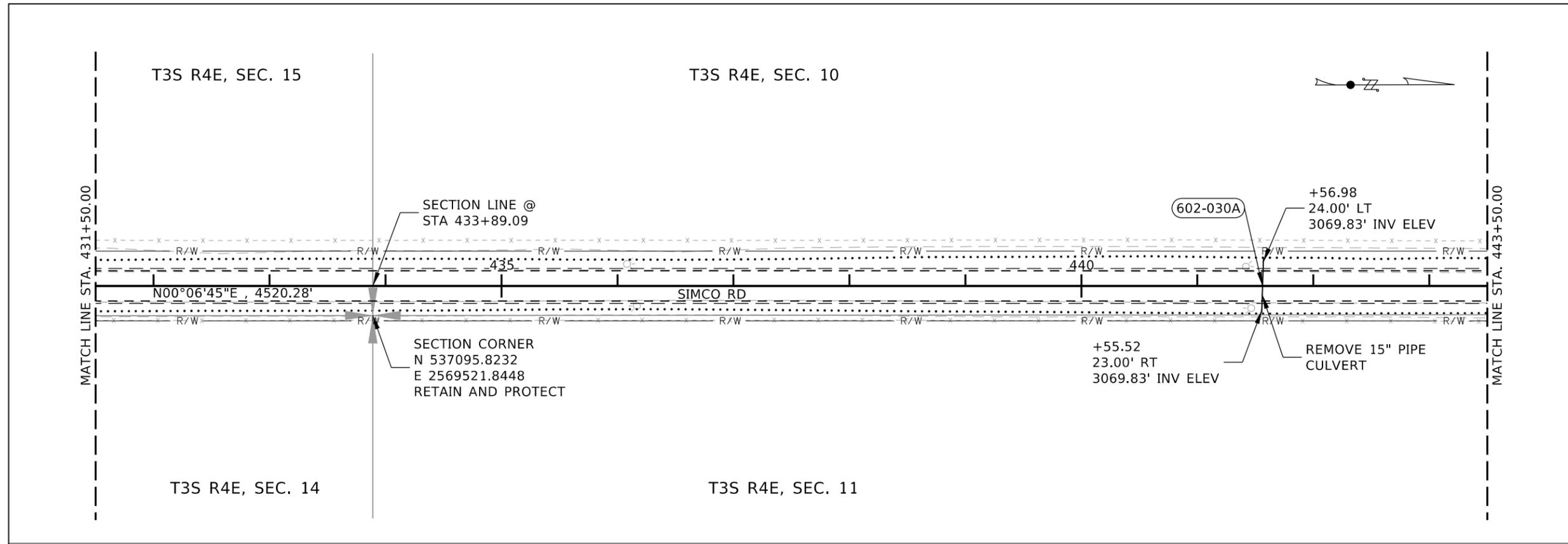
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 31 OF 143



602-030A 15" PIPE CULVERT
47.00 FT STA 441+56.23



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 21981 plpr 026.dgn
DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT
HMH engineering

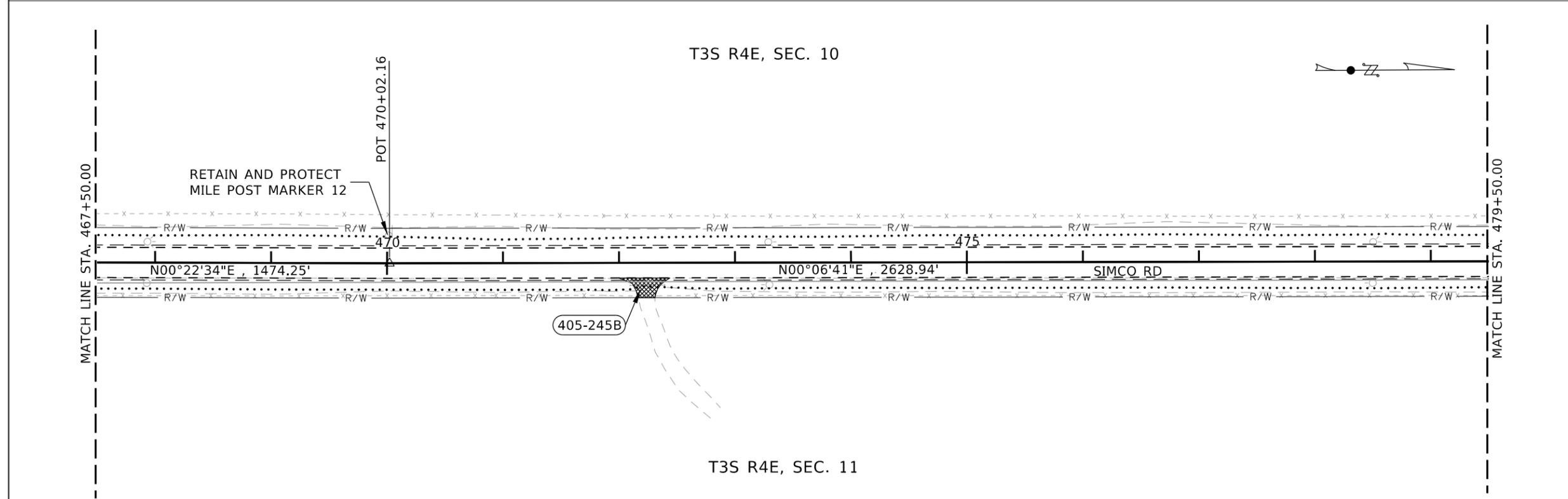
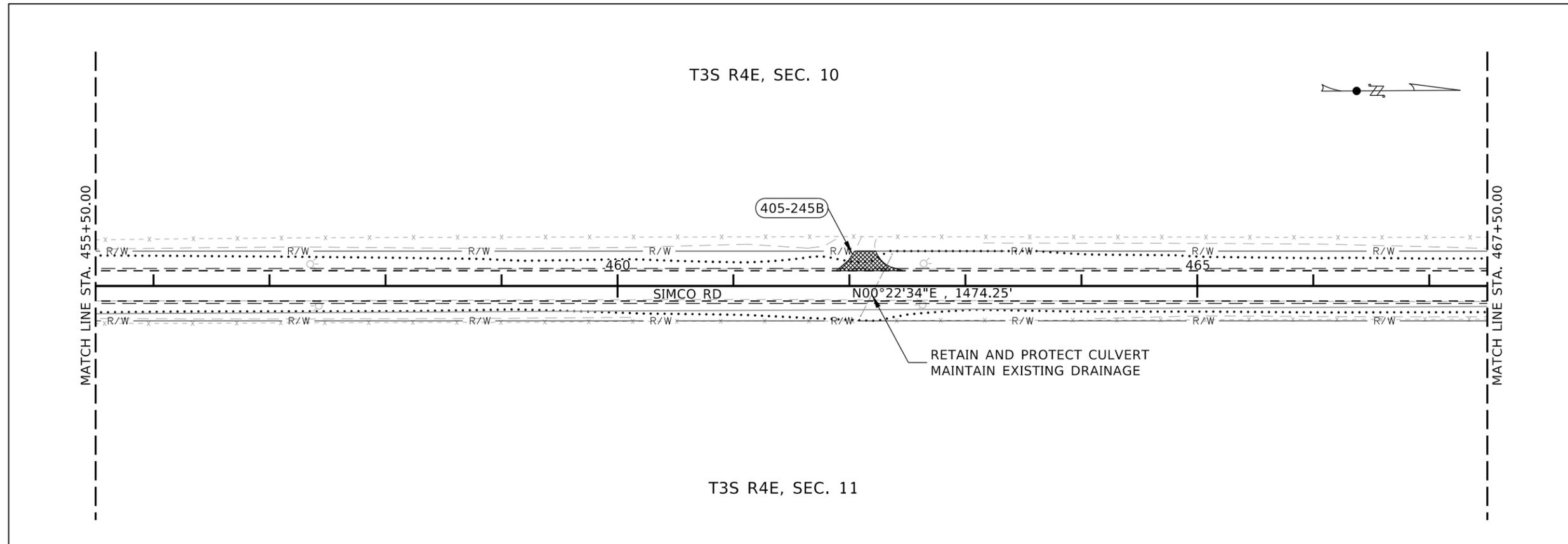
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 32 OF 143



405-245B
 1 EACH
 1 EACH
 APPROACH - GRAVEL
 STA 462+06.36 LT
 STA 472+20.74 RT



REMOVE ALL DELINEATORS FROM
 PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
 C. BARROW
 DESIGN CHECKED
 H. NELSON
 DETAILED
 G. FALLAR
 DRAWING CHECKED
 C. BARROW

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY
 CADD FILE NAME
 21981 plpr 028.dgn
 DRAWING DATE:
 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

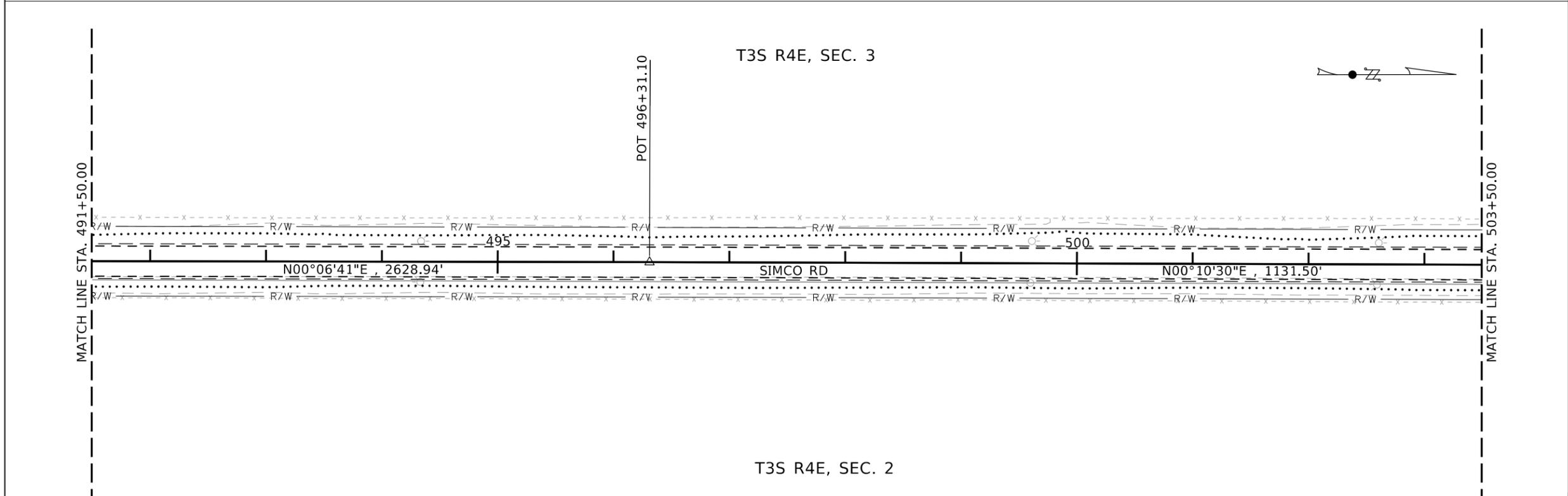
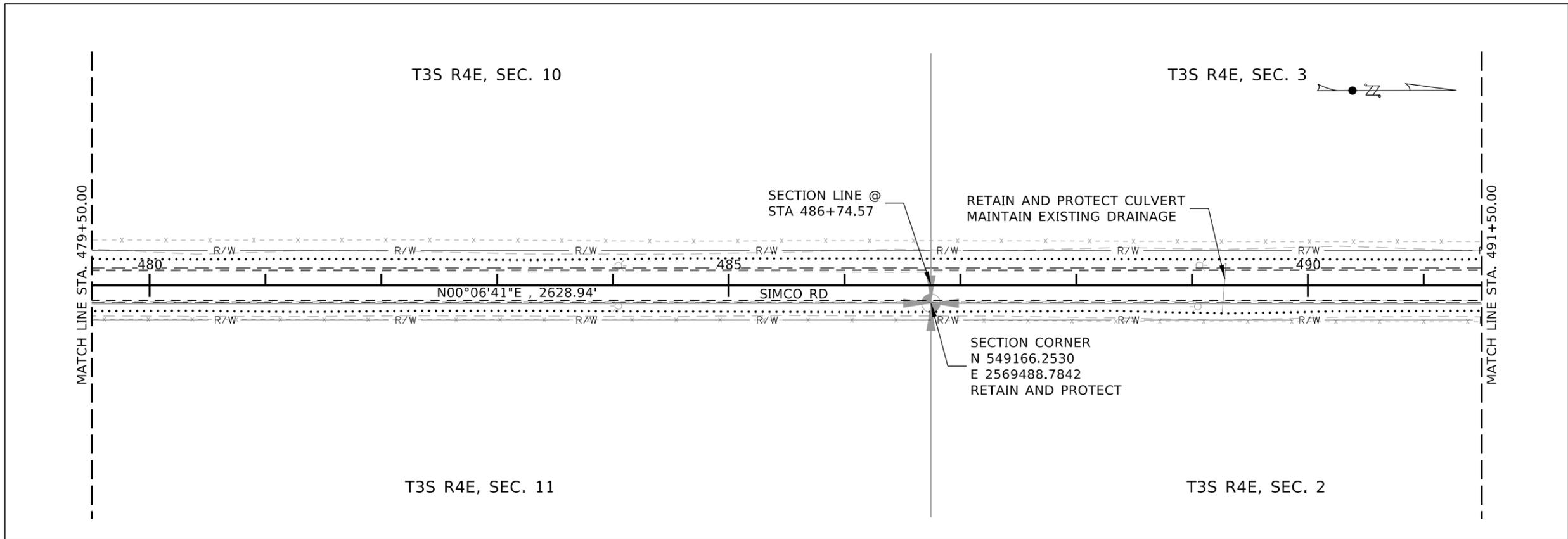
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

PLAN & PROFILE
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 33 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 plpr 030.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

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HMH engineering



PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

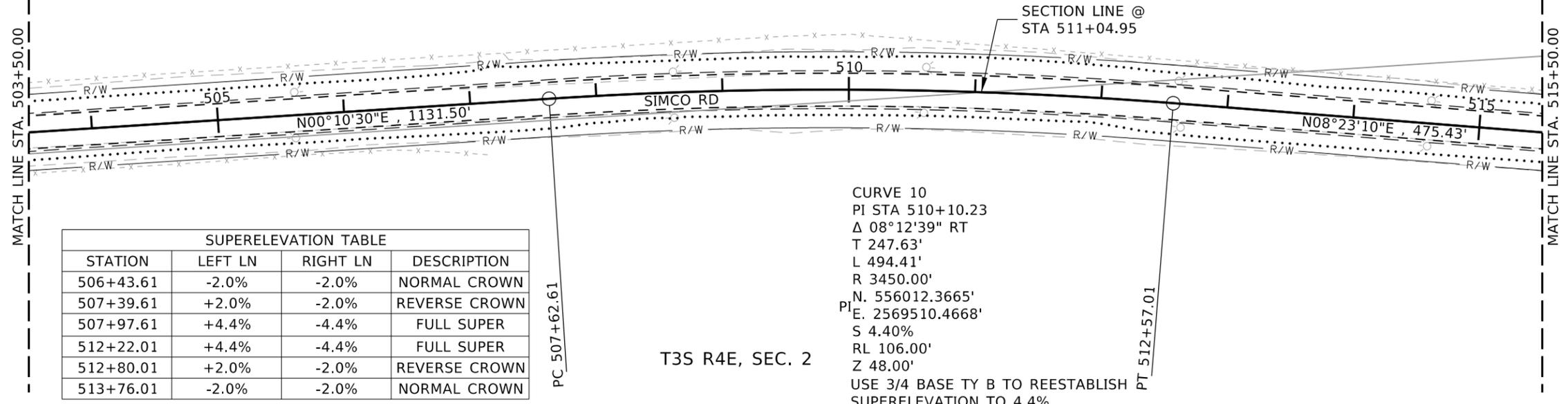
PLAN & PROFILE

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	34 OF 143



T3S R4E, SEC. 3

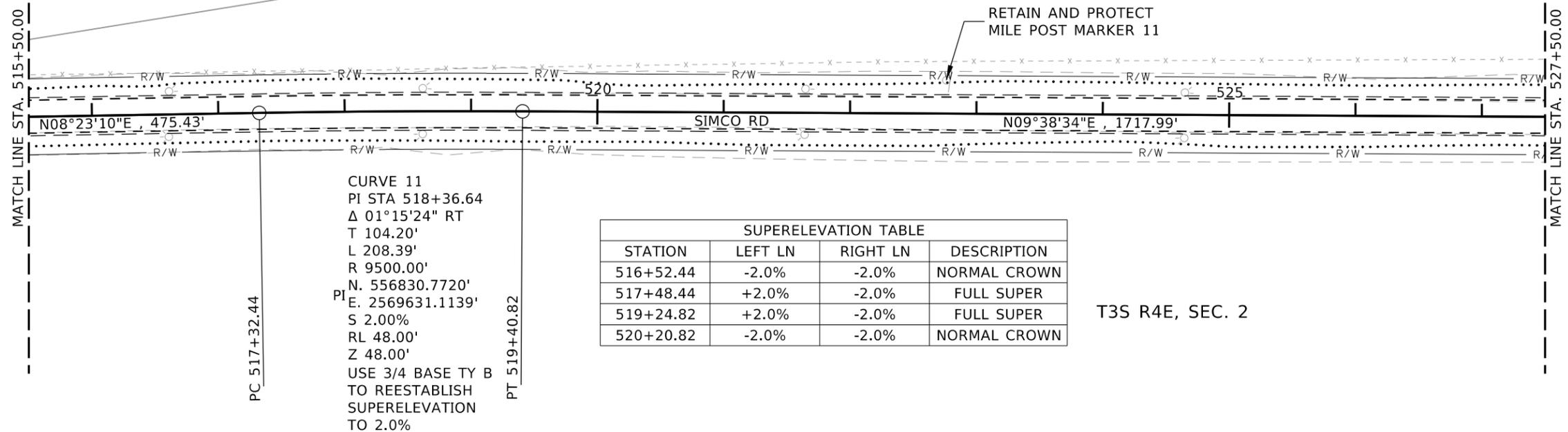


SUPERELEVATION TABLE			
STATION	LEFT LN	RIGHT LN	DESCRIPTION
506+43.61	-2.0%	-2.0%	NORMAL CROWN
507+39.61	+2.0%	-2.0%	REVERSE CROWN
507+97.61	+4.4%	-4.4%	FULL SUPER
512+22.01	+4.4%	-4.4%	FULL SUPER
512+80.01	+2.0%	-2.0%	REVERSE CROWN
513+76.01	-2.0%	-2.0%	NORMAL CROWN

CURVE 10
 PI STA 510+10.23
 Δ 08°12'39" RT
 T 247.63'
 L 494.41'
 R 3450.00'
 N. 556012.3665'
 E. 2569510.4668'
 S 4.40%
 RL 106.00'
 Z 48.00'
 USE 3/4 BASE TY B TO REESTABLISH
 SUPERELEVATION TO 4.4%

T3S R4E, SEC. 2

T3S R4E, SEC. 3



CURVE 11
 PI STA 518+36.64
 Δ 01°15'24" RT
 T 104.20'
 L 208.39'
 R 9500.00'
 N. 556830.7720'
 E. 2569631.1139'
 S 2.00%
 RL 48.00'
 Z 48.00'
 USE 3/4 BASE TY B
 TO REESTABLISH
 SUPERELEVATION
 TO 2.0%

SUPERELEVATION TABLE			
STATION	LEFT LN	RIGHT LN	DESCRIPTION
516+52.44	-2.0%	-2.0%	NORMAL CROWN
517+48.44	+2.0%	-2.0%	FULL SUPER
519+24.82	+2.0%	-2.0%	FULL SUPER
520+20.82	-2.0%	-2.0%	NORMAL CROWN

T3S R4E, SEC. 2

REMOVE ALL DELINEATORS FROM
 PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 032.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

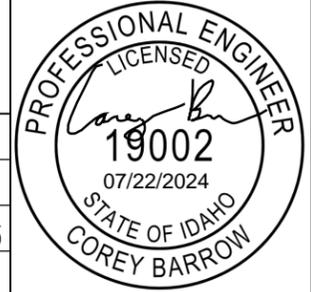
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

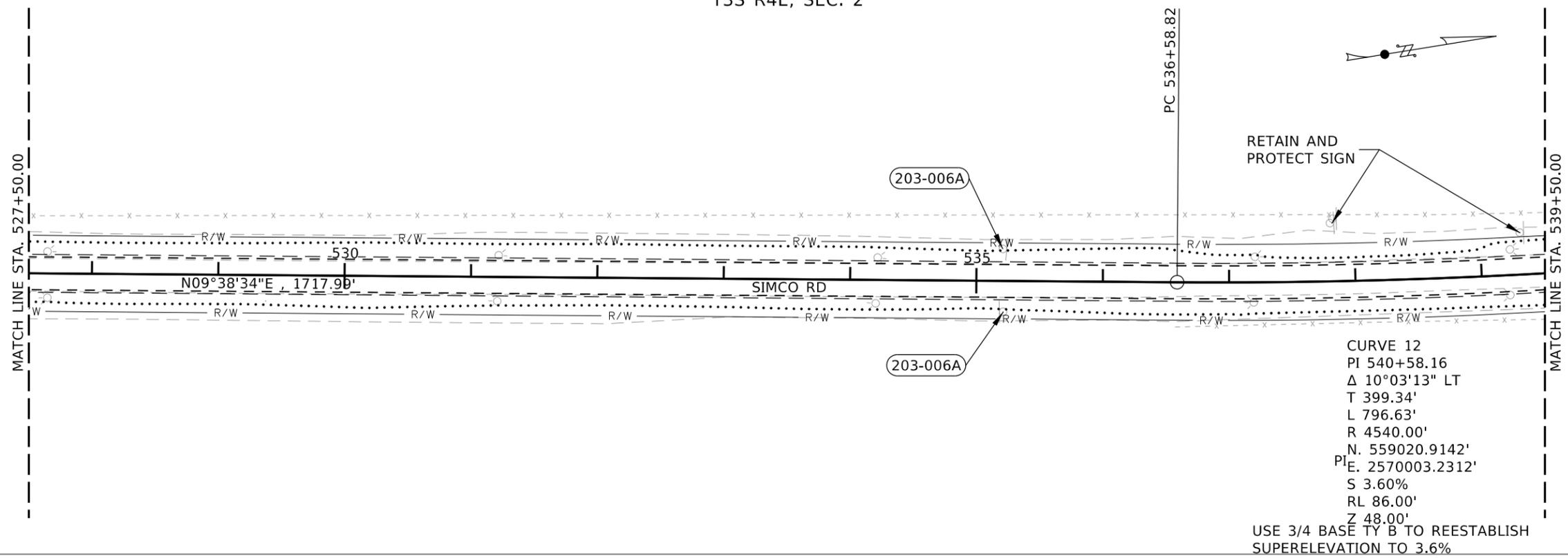
PLAN & PROFILE

**SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	35 OF 143



T3S R4E, SEC. 2

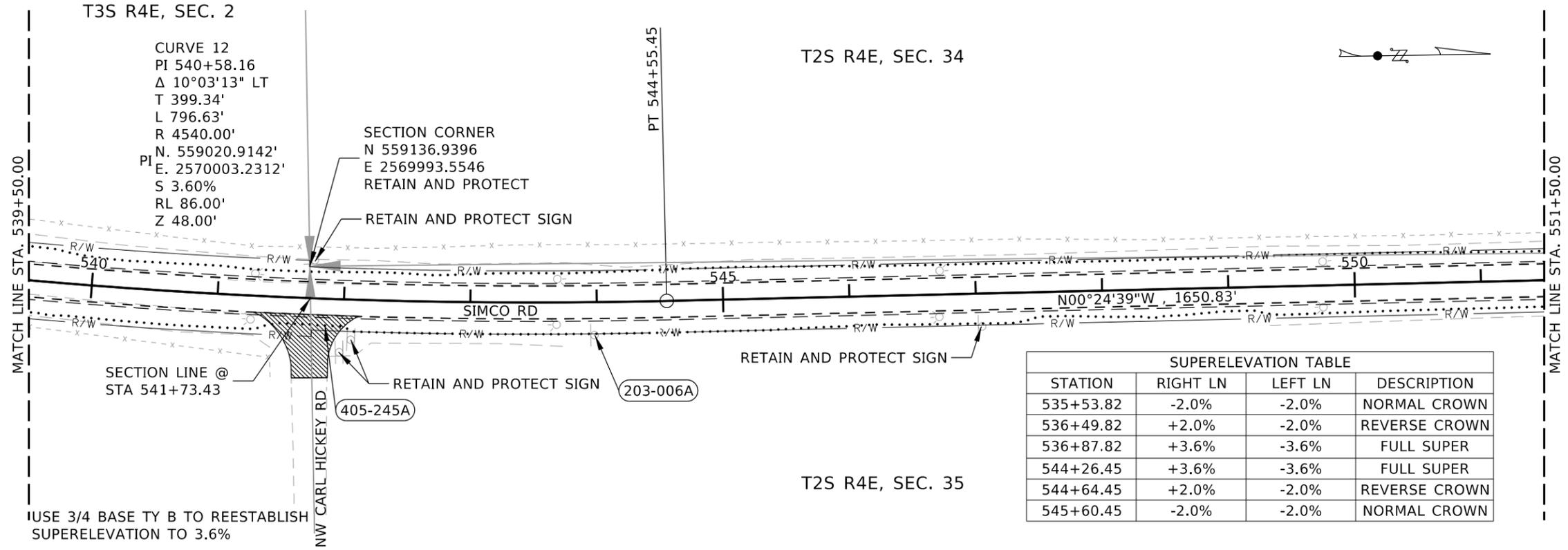


- 203-006A REMOVAL OF SIGN
- 1 EACH STA 535+20.79 RT
- 1 EACH STA 535+21.26 LT
- 1 EACH STA 543+97.99 RT
- 405-245A APPROACH - PAVED
- 1 EACH STA 541+73.13

CURVE 12
 PI 540+58.16
 Δ 10°03'13" LT
 T 399.34'
 L 796.63'
 R 4540.00'
 N. 559020.9142'
 PI E. 2570003.2312'
 S 3.60%
 RL 86.00'
 Z 48.00'
 USE 3/4 BASE TY B TO REESTABLISH SUPERELEVATION TO 3.6%

T3S R4E, SEC. 2

T2S R4E, SEC. 34



CURVE 12
 PI 540+58.16
 Δ 10°03'13" LT
 T 399.34'
 L 796.63'
 R 4540.00'
 N. 559020.9142'
 PI E. 2570003.2312'
 S 3.60%
 RL 86.00'
 Z 48.00'

SECTION CORNER
 N 559136.9396
 E 2569993.5546
 RETAIN AND PROTECT

SUPERELEVATION TABLE			
STATION	RIGHT LN	LEFT LN	DESCRIPTION
535+53.82	-2.0%	-2.0%	NORMAL CROWN
536+49.82	+2.0%	-2.0%	REVERSE CROWN
536+87.82	+3.6%	-3.6%	FULL SUPER
544+26.45	+3.6%	-3.6%	FULL SUPER
544+64.45	+2.0%	-2.0%	REVERSE CROWN
545+60.45	-2.0%	-2.0%	NORMAL CROWN

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

USE 3/4 BASE TY B TO REESTABLISH SUPERELEVATION TO 3.6%

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 034.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

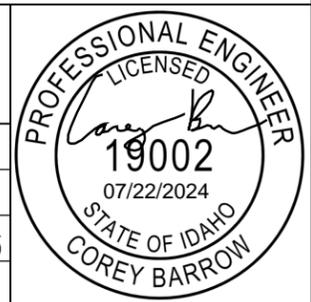
HMH engineering

PROJECT NO.	A021(981) A022(879) A023(746) A024(280)
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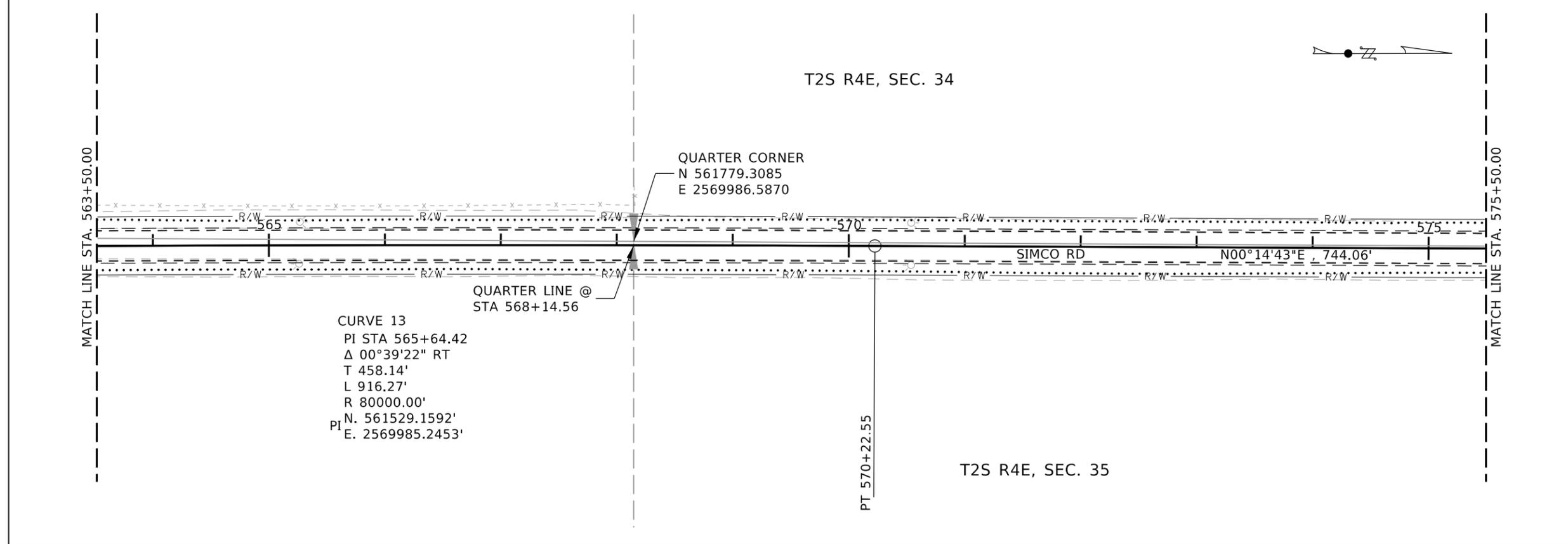
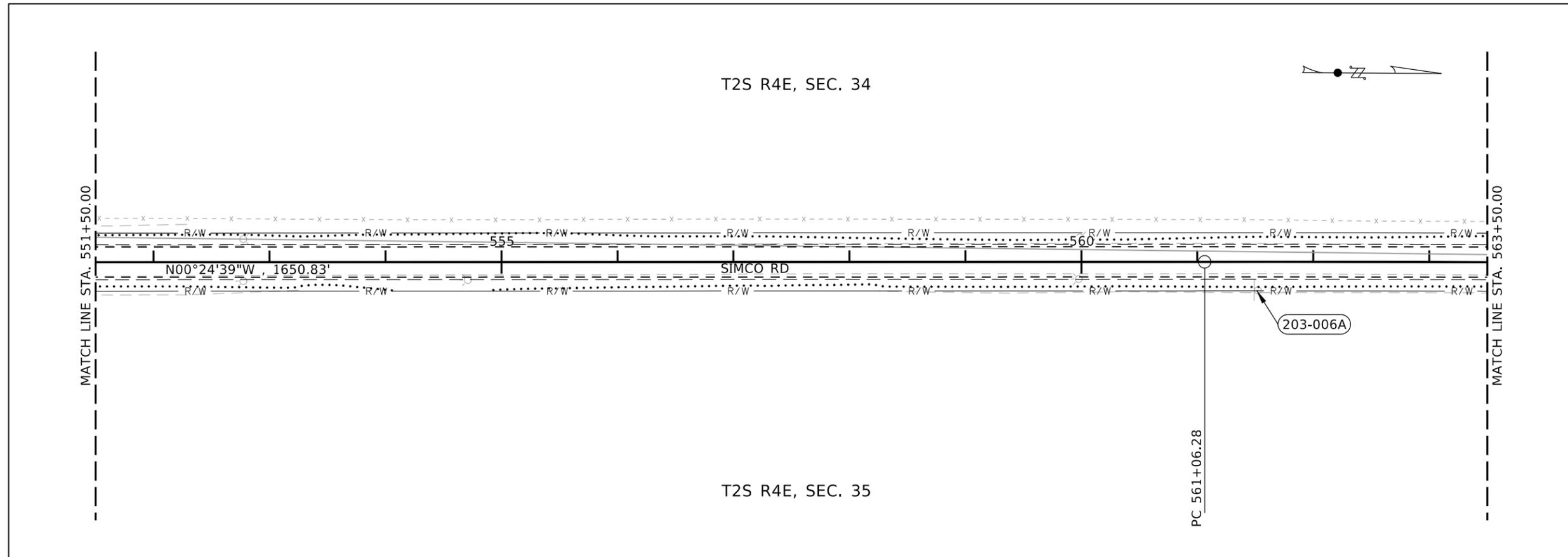
PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	36 OF 143



203-006A
1 EACH
REMOVAL OF SIGN
STA 561+52.10 RT



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 plpr 036.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

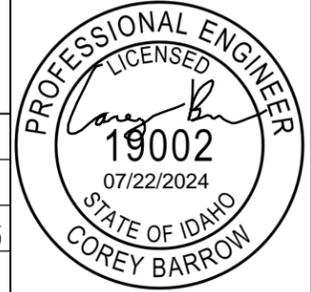
HMH engineering

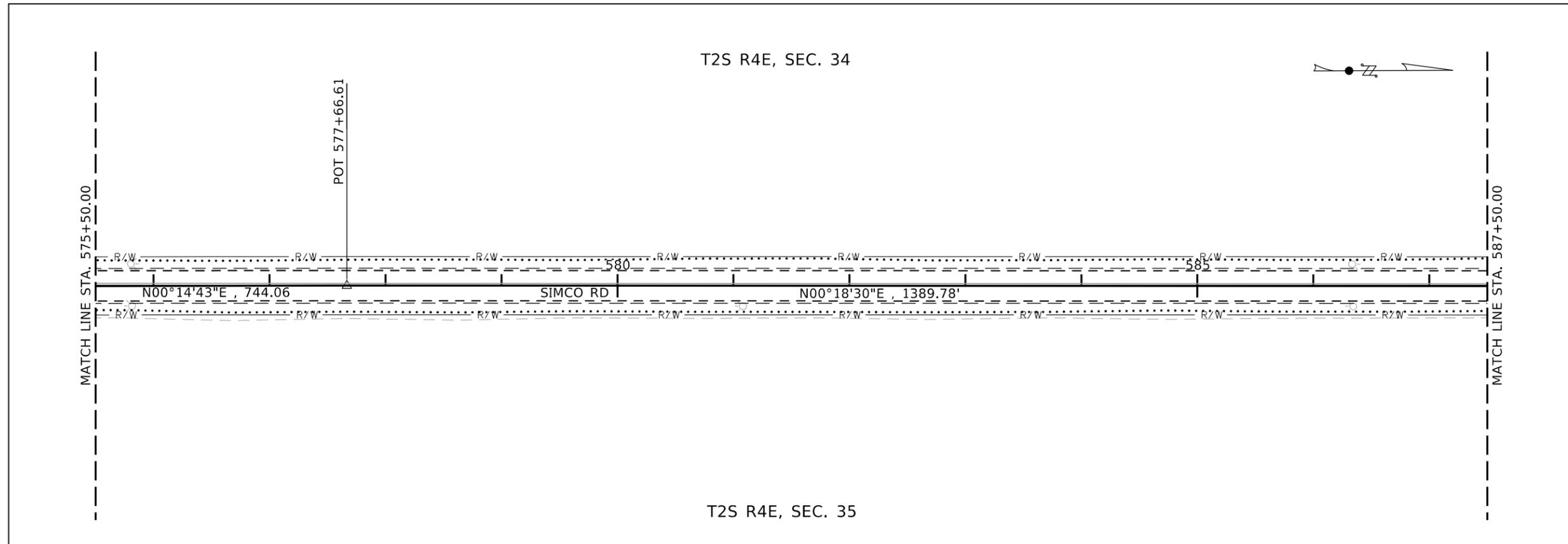


PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

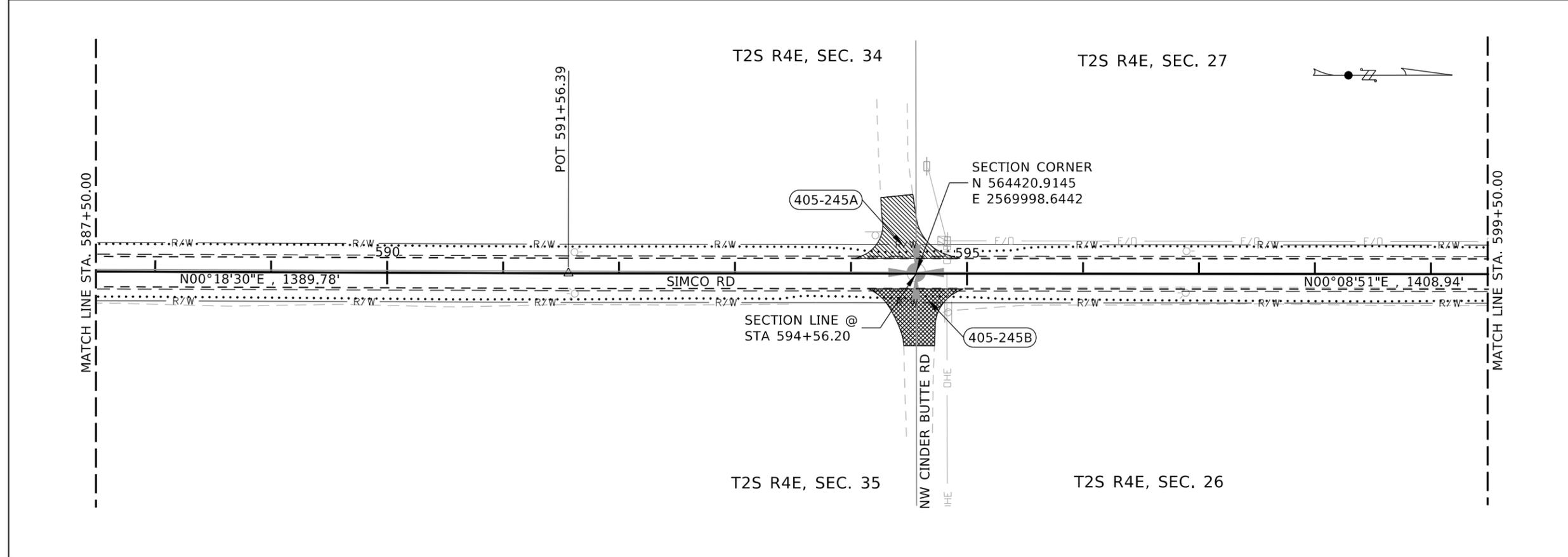
ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 37 OF 143	





405-245A APPROACH - PAVED
1 EACH STA 594+40.78 LT

405-245B APPROACH - GRAVEL
1 EACH STA 594+59.37 RT



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 plpr 038.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO
TRANSPORTATION
DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

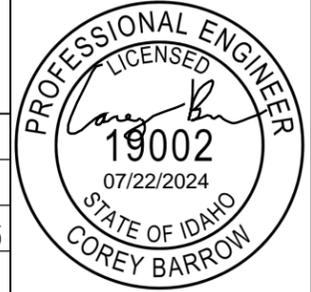


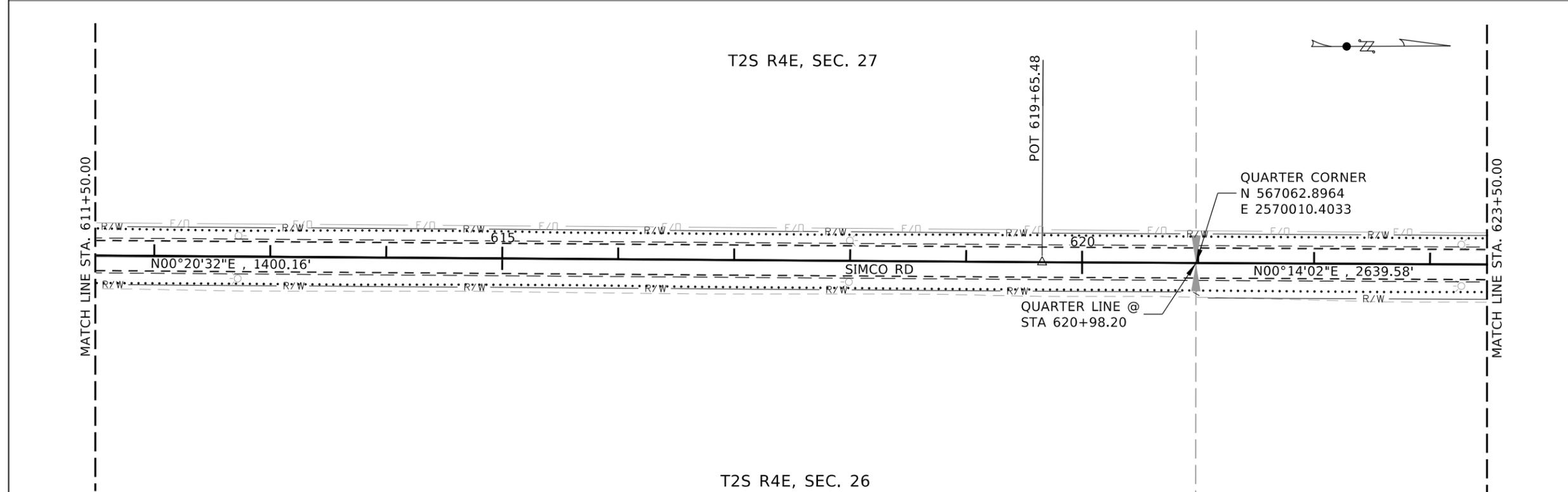
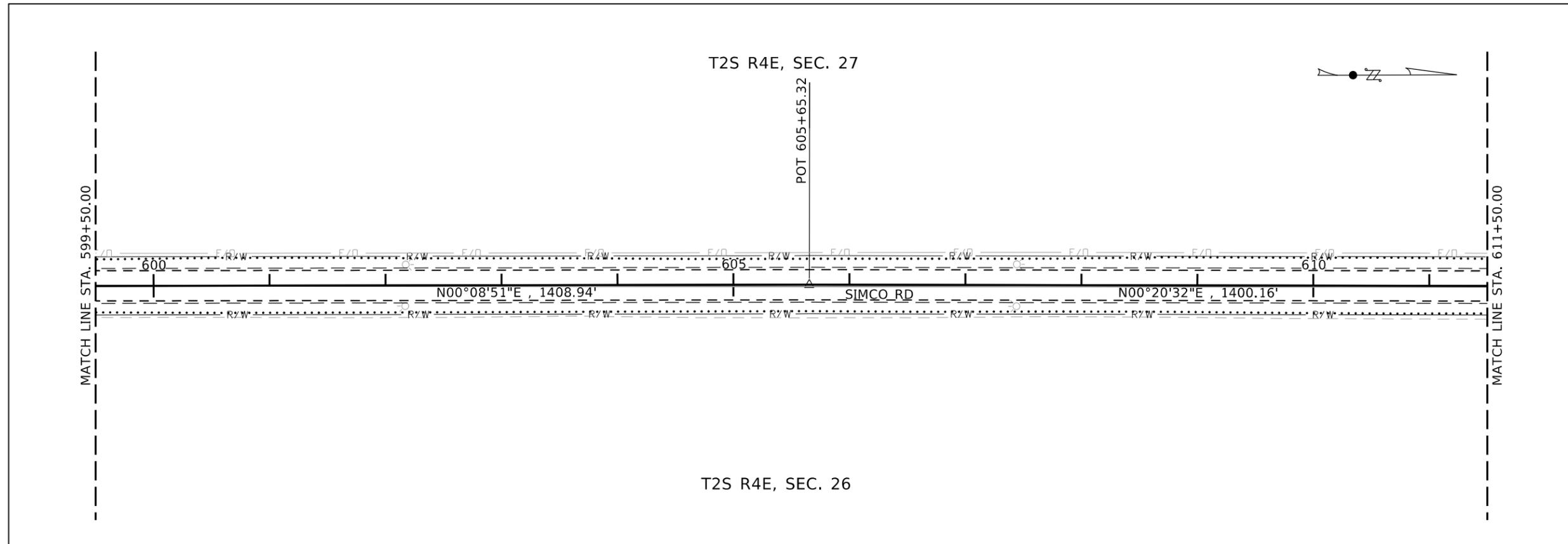
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	38 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 040.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT



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HMH engineering

PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

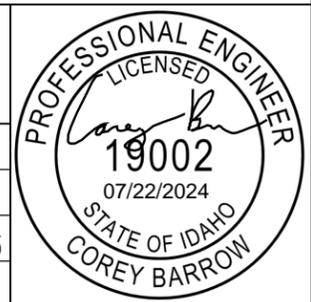
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

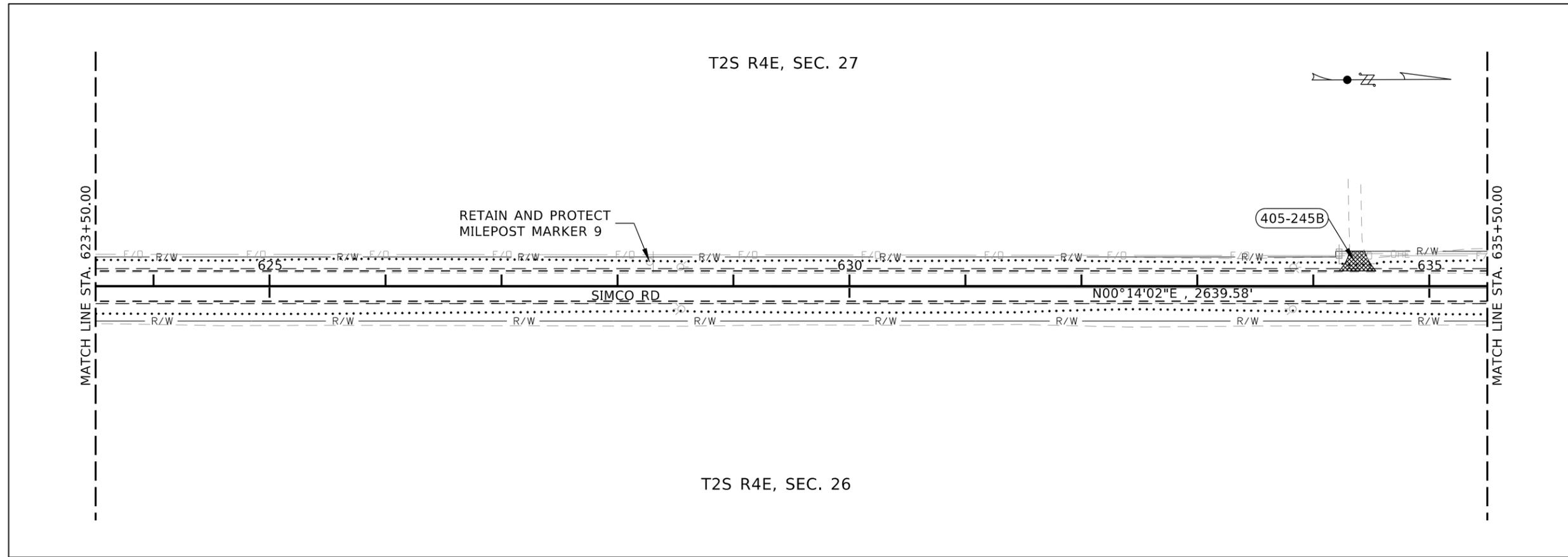
ENGLISH

COUNTY ELMORE

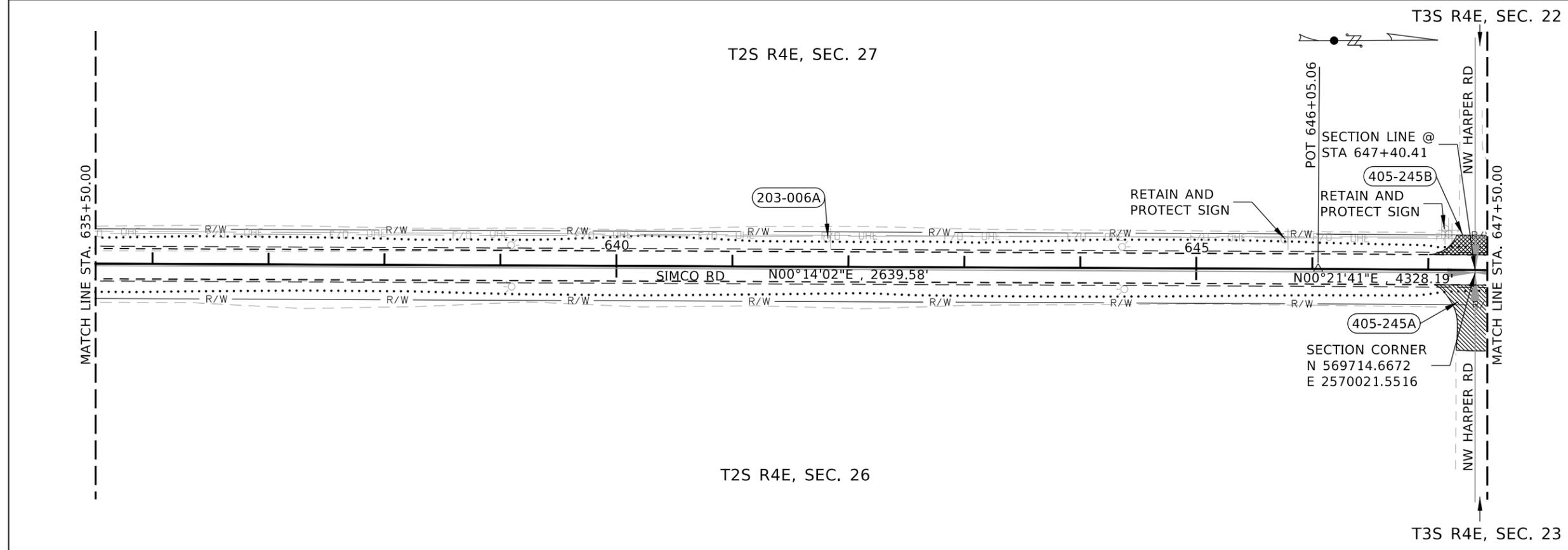
KEY NUMBER 21981
22879 23746 24280

SHEET 39 OF 143





203-006A	REMOVAL OF SIGN
1 EACH	STA 641+83.68 LT
405-245A	APPROACH - PAVED
1 EACH	STA 647+45.94 RT
405-245B	APPROACH - GRAVEL
1 EACH	STA 634+38.37 LT
1 EACH	STA 647+39.40 LT



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 042.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

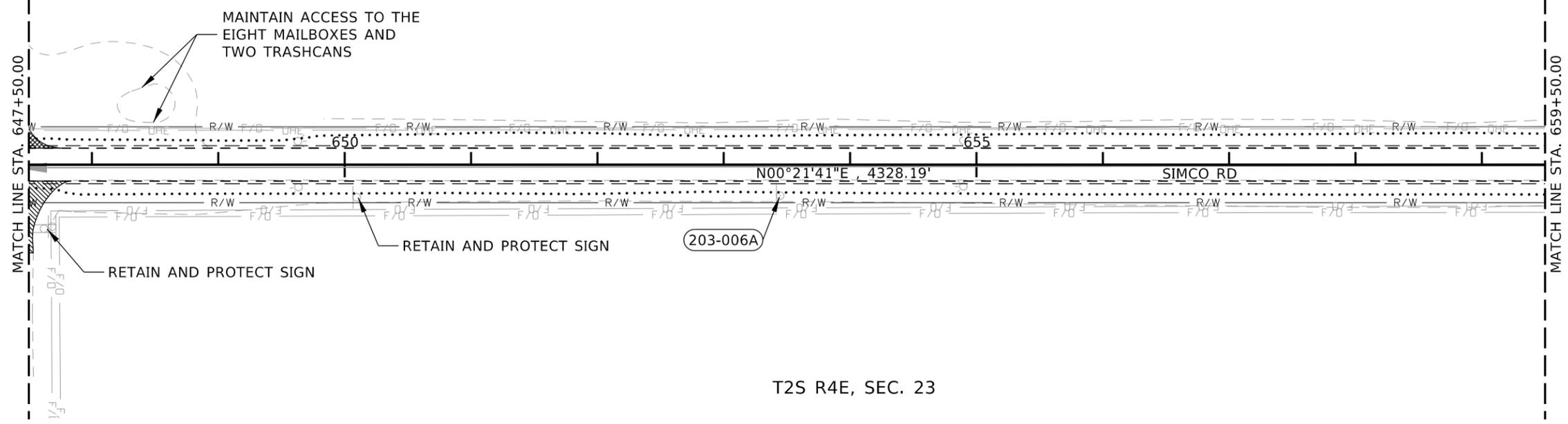
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	40 OF 143



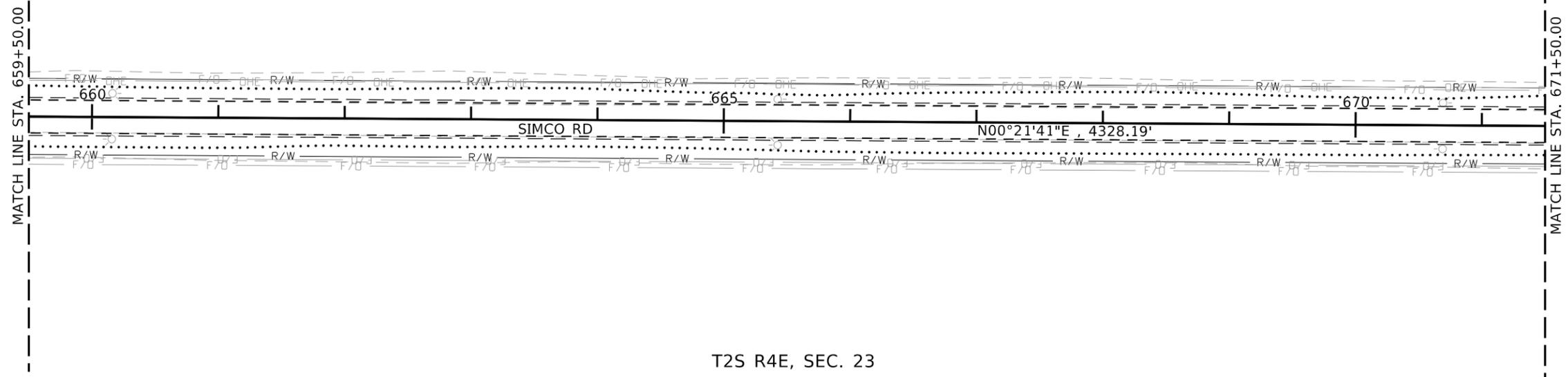
203-006A
1 EACH
REMOVAL OF SIGN
STA 653+44.75 RT

T2S R4E, SEC. 22



T2S R4E, SEC. 23

T2S R4E, SEC. 22



T2S R4E, SEC. 23

REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 044.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

HMH engineering

PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

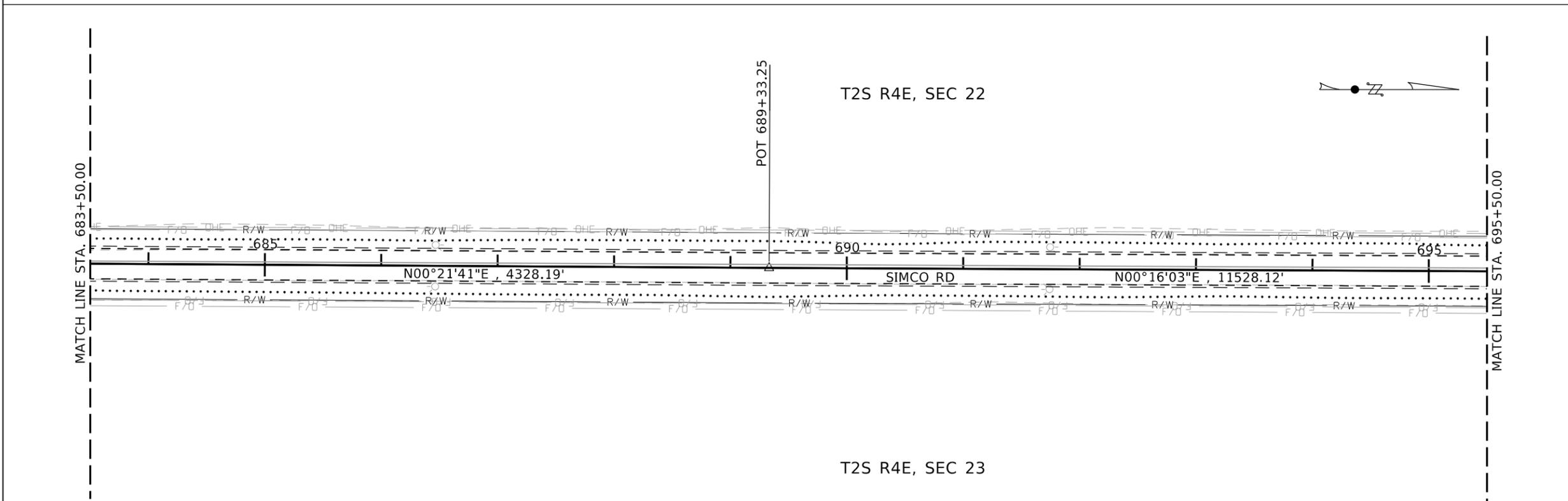
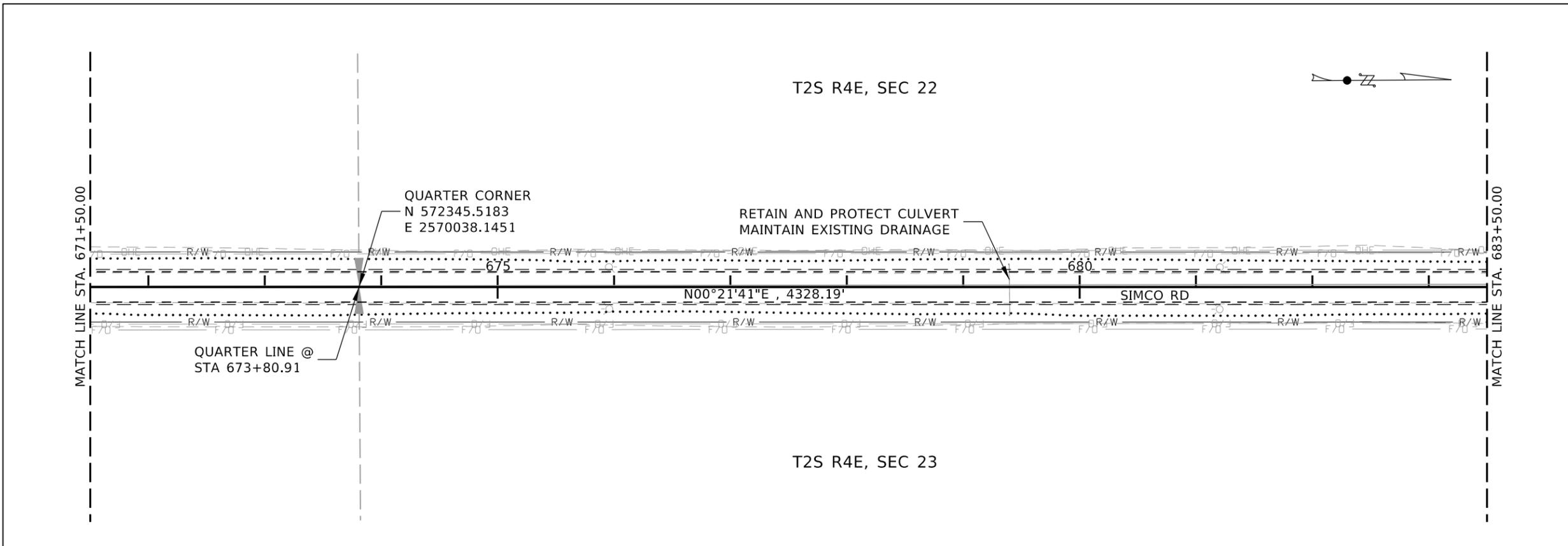
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 41 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 046.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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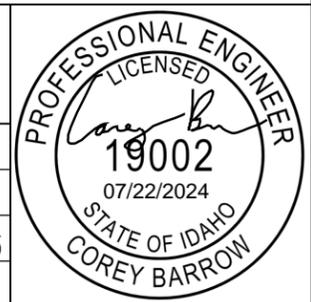
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

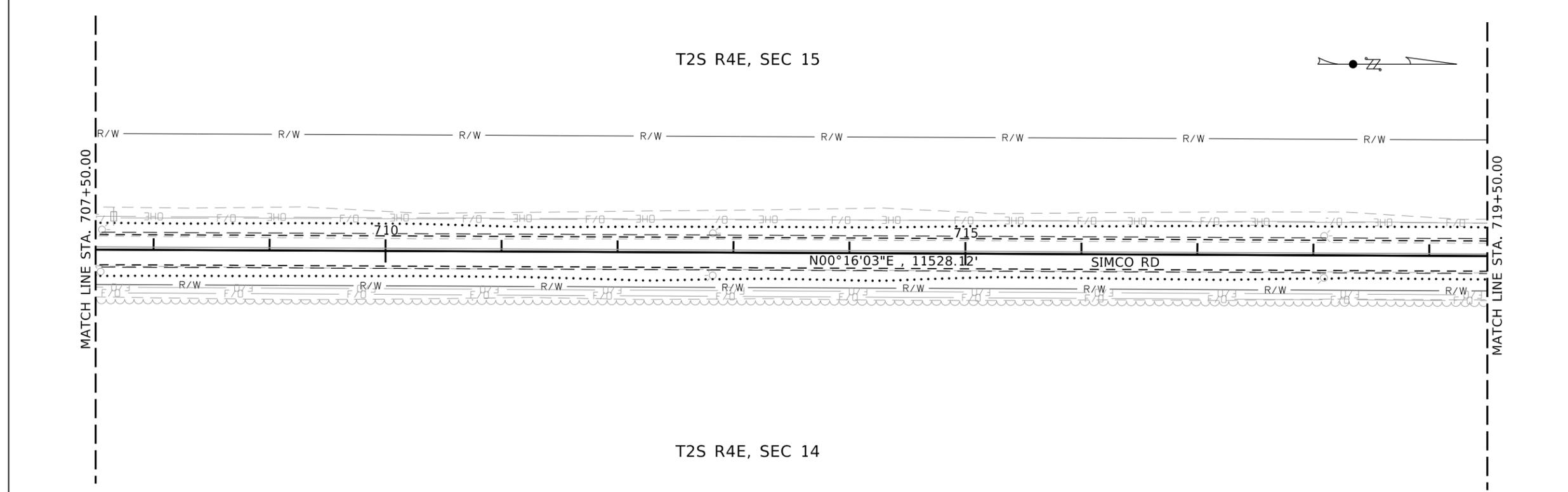
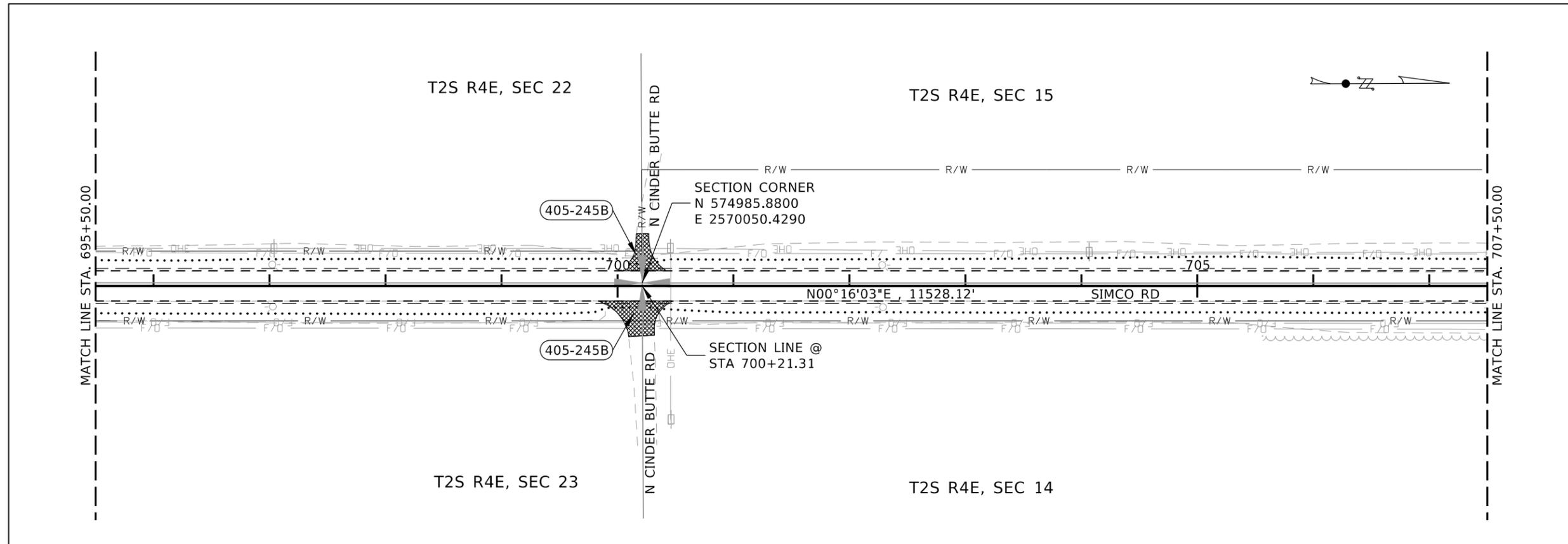
PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	42 OF 143



405-245B APPROACH - GRAVEL
 1 EACH STA 700+18.09 RT
 1 EACH STA 700+23.65 LT



REMOVE ALL DELINEATORS FROM
 PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME
 21981 plpr 048.dgn

DRAWING DATE:
 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

PLAN & PROFILE
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH

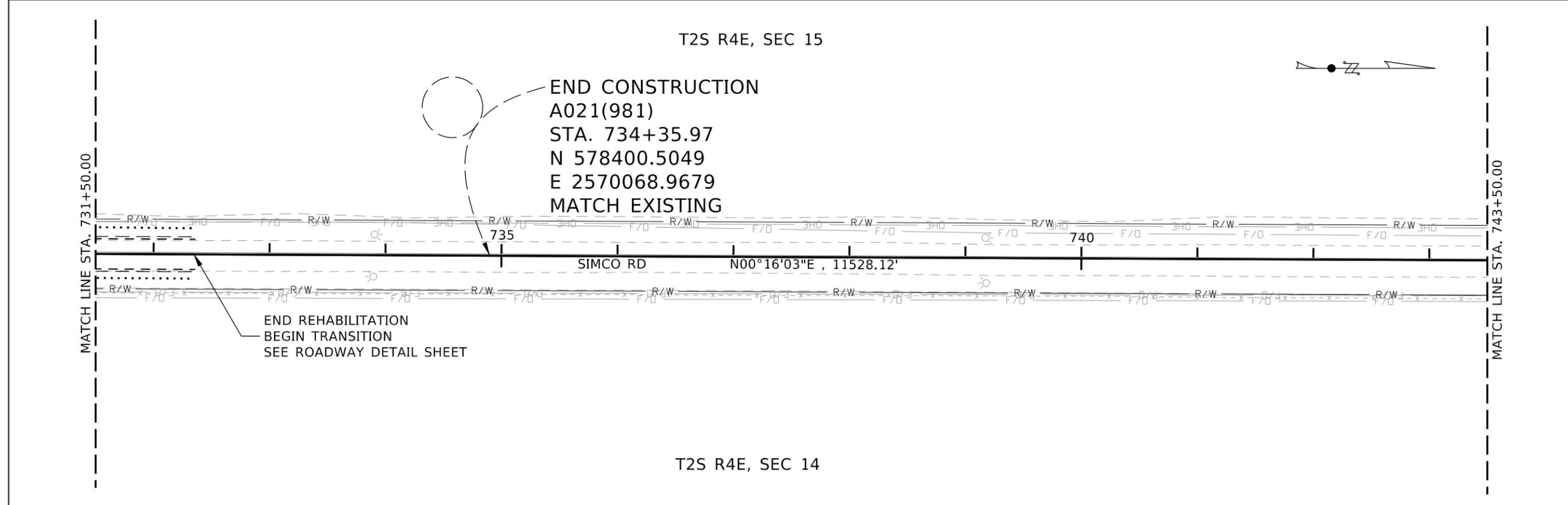
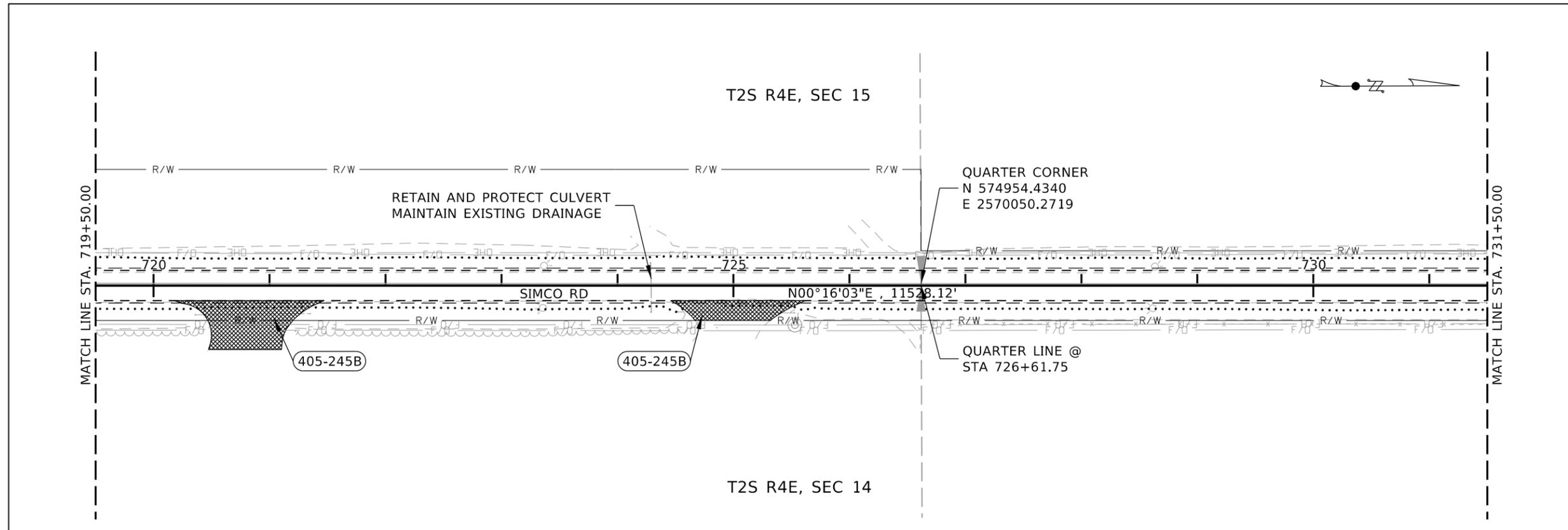
COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 43 OF 143



405-245B
 1 EACH
 1 EACH
 APPROACH - GRAVEL
 STA 720+91.54 RT
 STA 725+12.33 RT



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
C. BARROW
 DESIGN CHECKED
H. NELSON
 DETAILED
G. FALLAR
 DRAWING CHECKED
C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
 CADD FILE NAME
21981 plpr 050.dgn
 DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

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HMH engineering

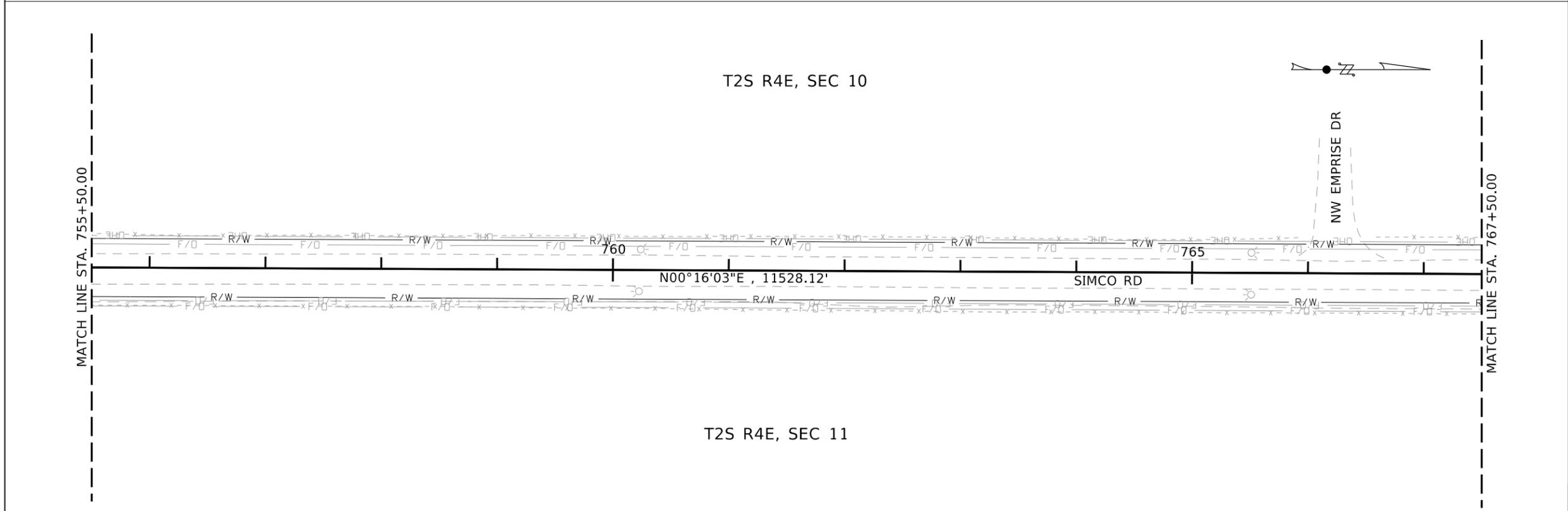
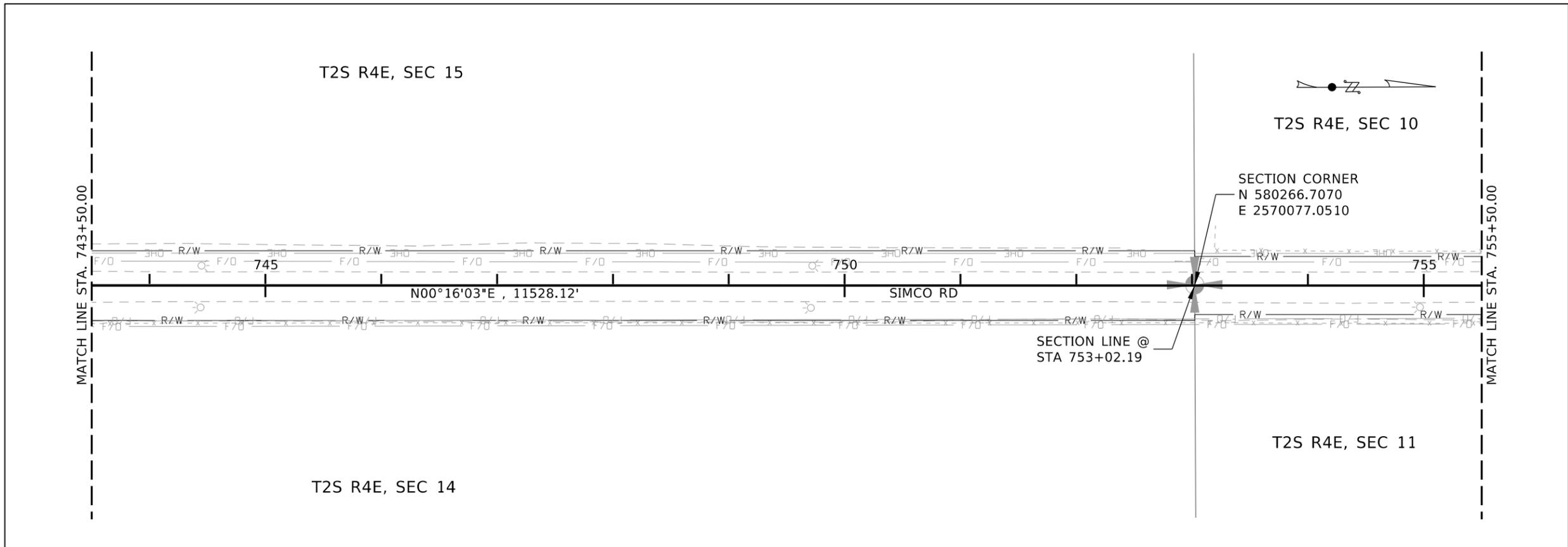


PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

PLAN & PROFILE
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 44 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 052.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



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HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

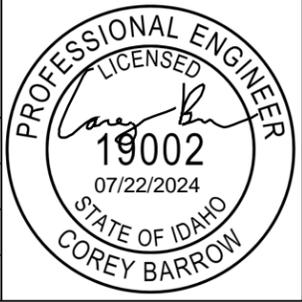
PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

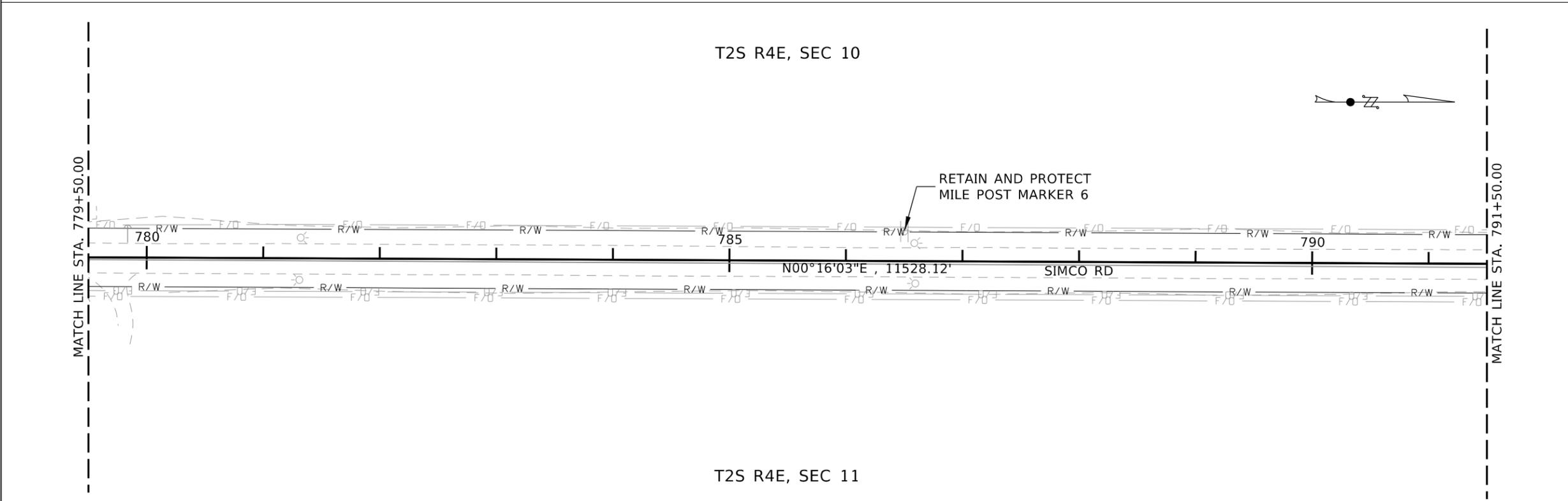
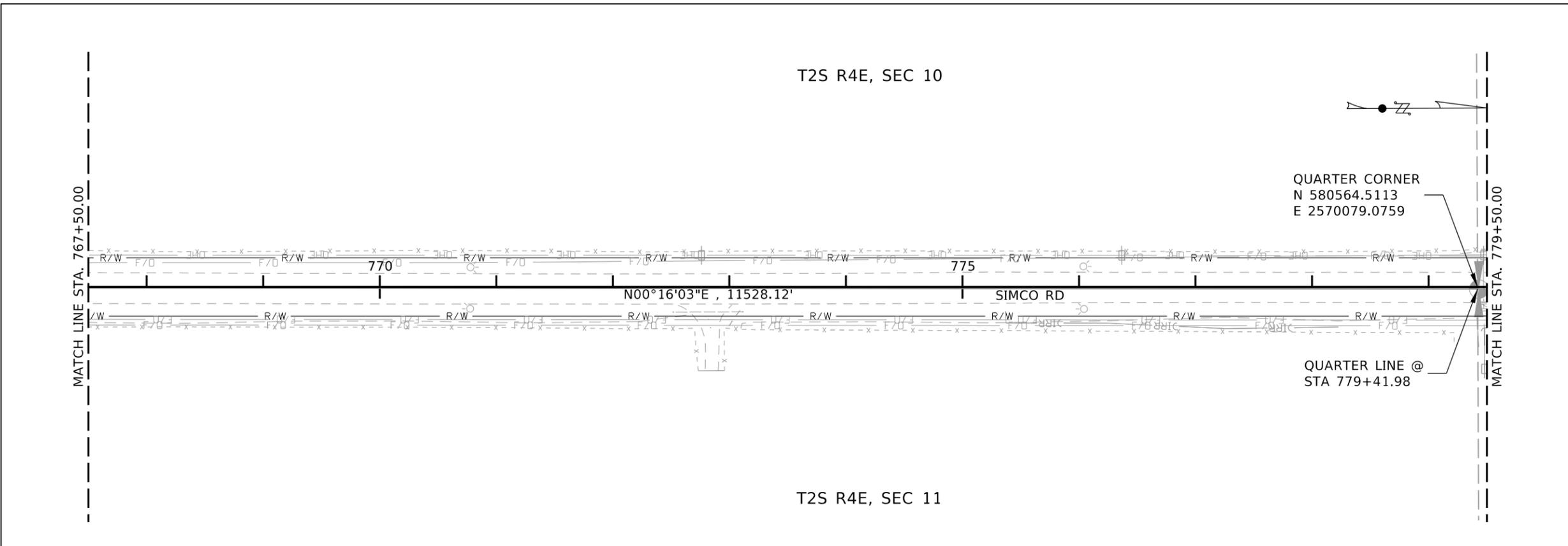
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 45 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 plpr 054.dgn

DRAWING DATE: 22-JUL-2024

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HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

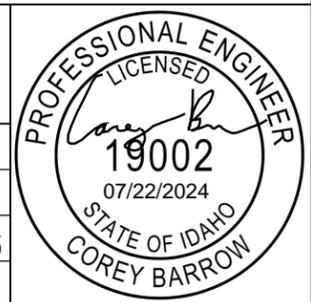
PLAN & PROFILE
 SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH

COUNTY ELMORE

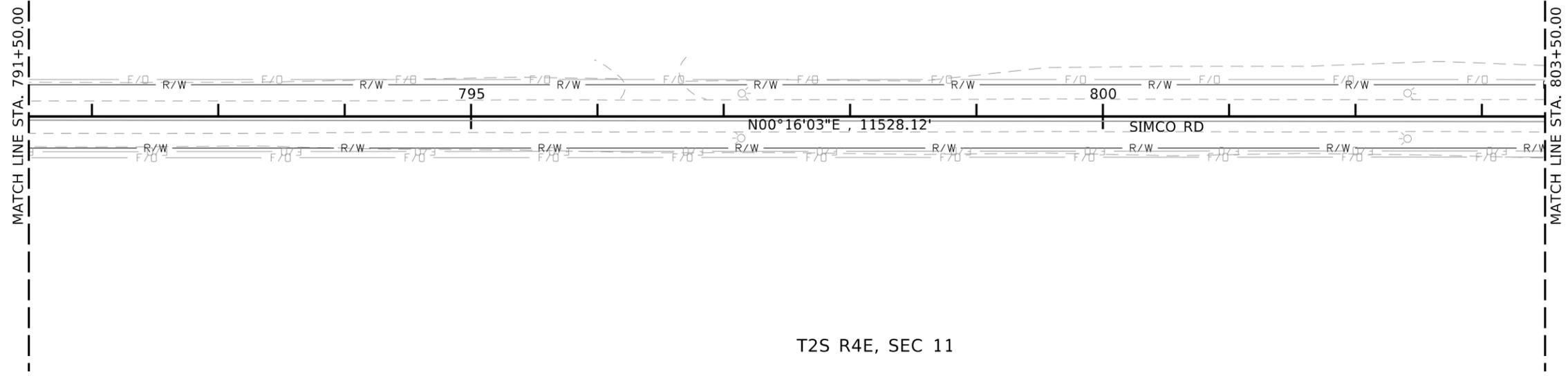
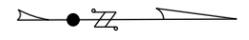
KEY NUMBER 21981
 22879 23746 24280

SHEET 46 OF 143



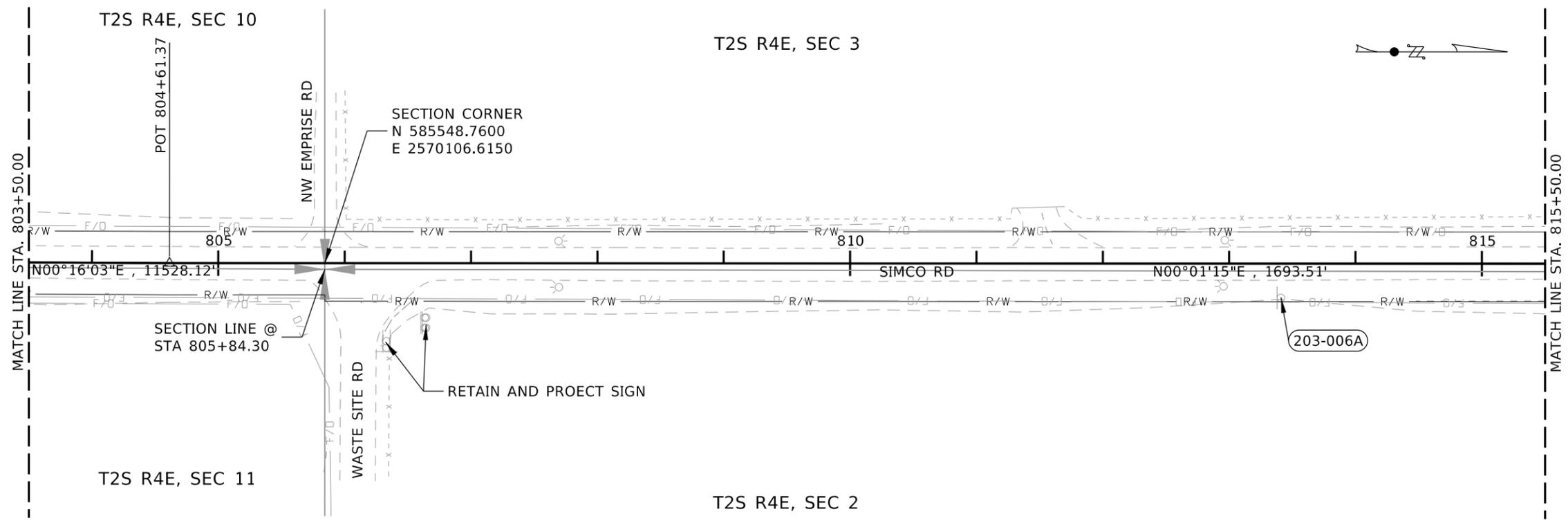
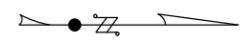
203-006A
1 EACH
REMOVAL OF SIGN
STA 813+40.92 RT

T2S R4E, SEC 10



T2S R4E, SEC 11

T2S R4E, SEC 3



T2S R4E, SEC 10

T2S R4E, SEC 11

T2S R4E, SEC 2

REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 056.dgn

DRAWING DATE:
22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**



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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

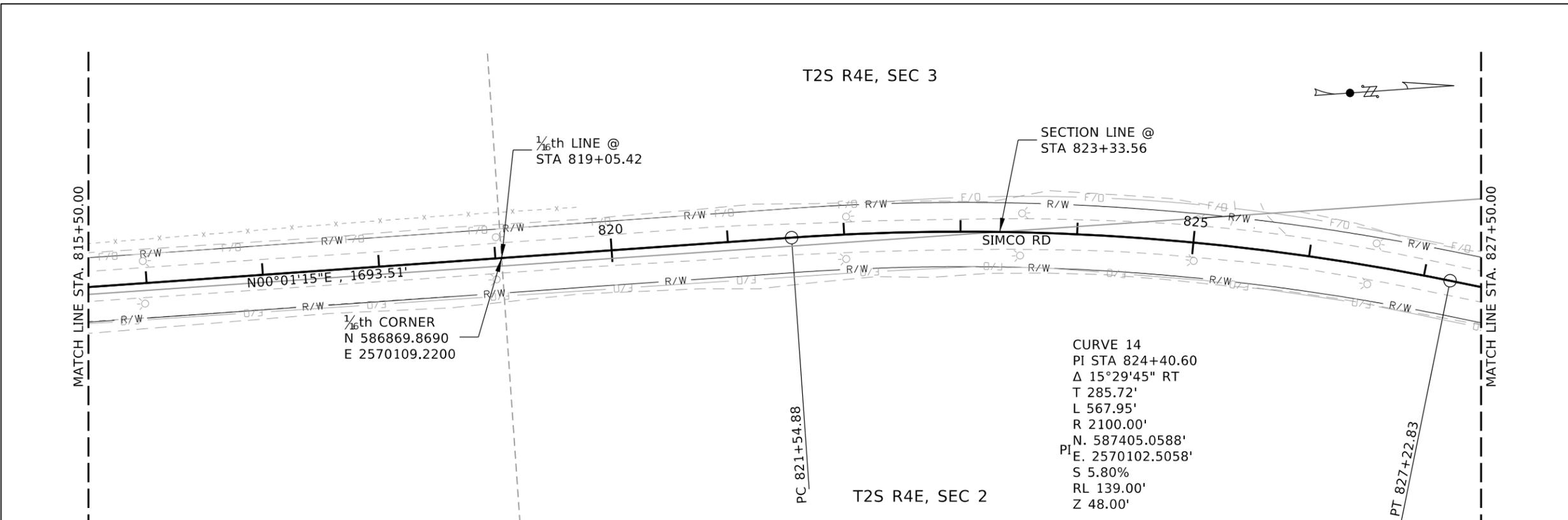
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 47 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

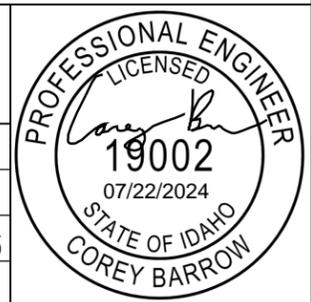
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DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

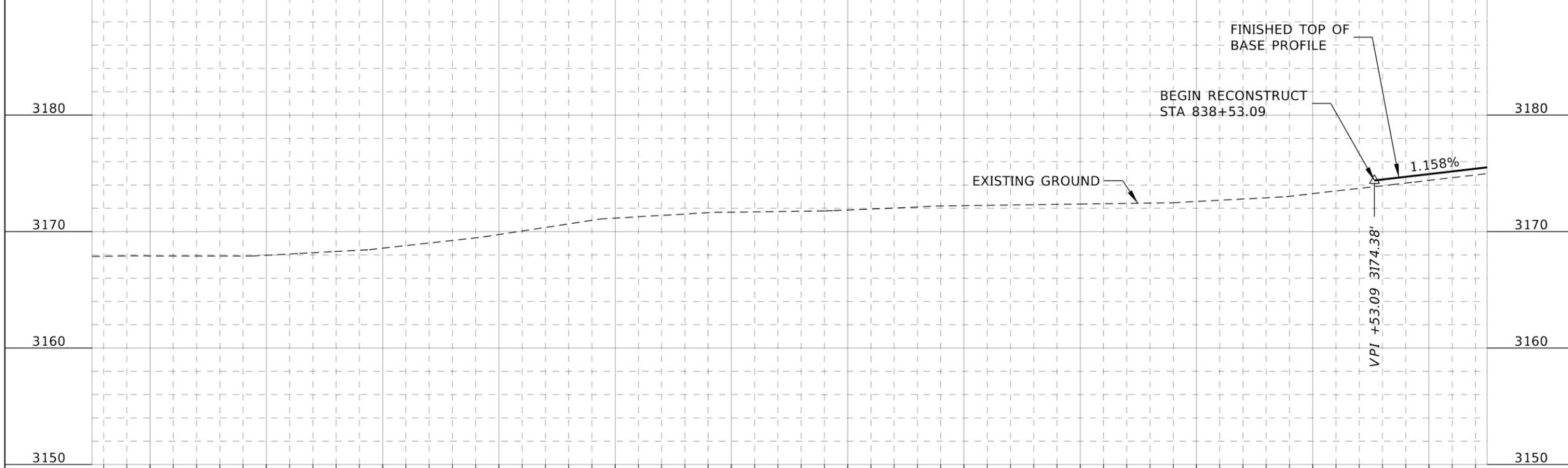
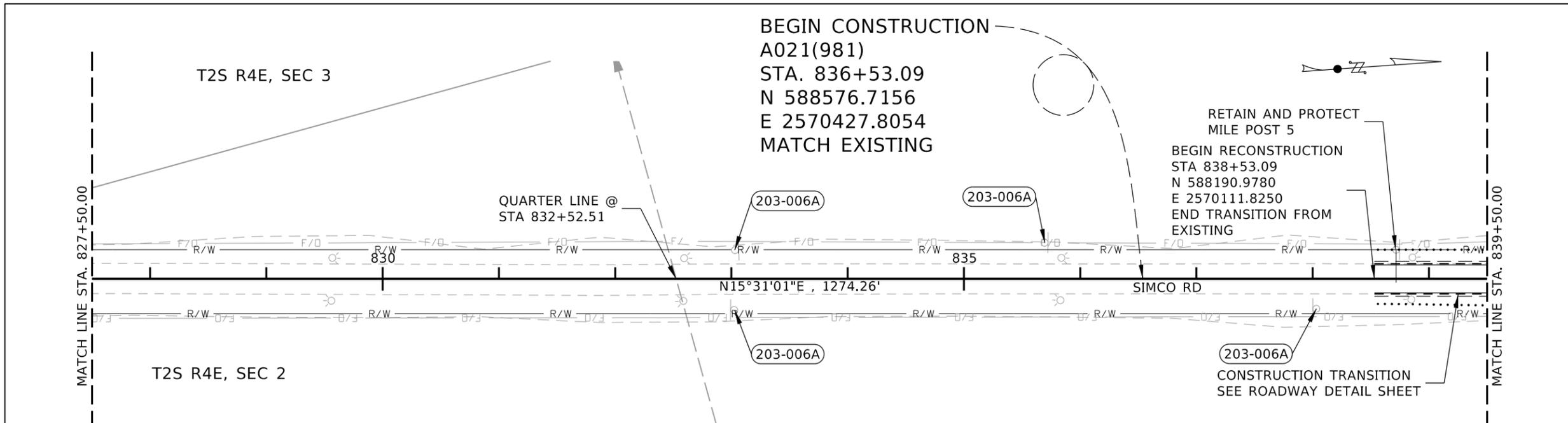
IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 48 OF 143	





203-006A	REMOVAL OF SIGN
1 EACH	STA. 833+03.08 LT
1 EACH	STA. 833+02.35 RT
1 EACH	STA. 835+69.35 LT
1 EACH	STA. 838+03.10 RT

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 059.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

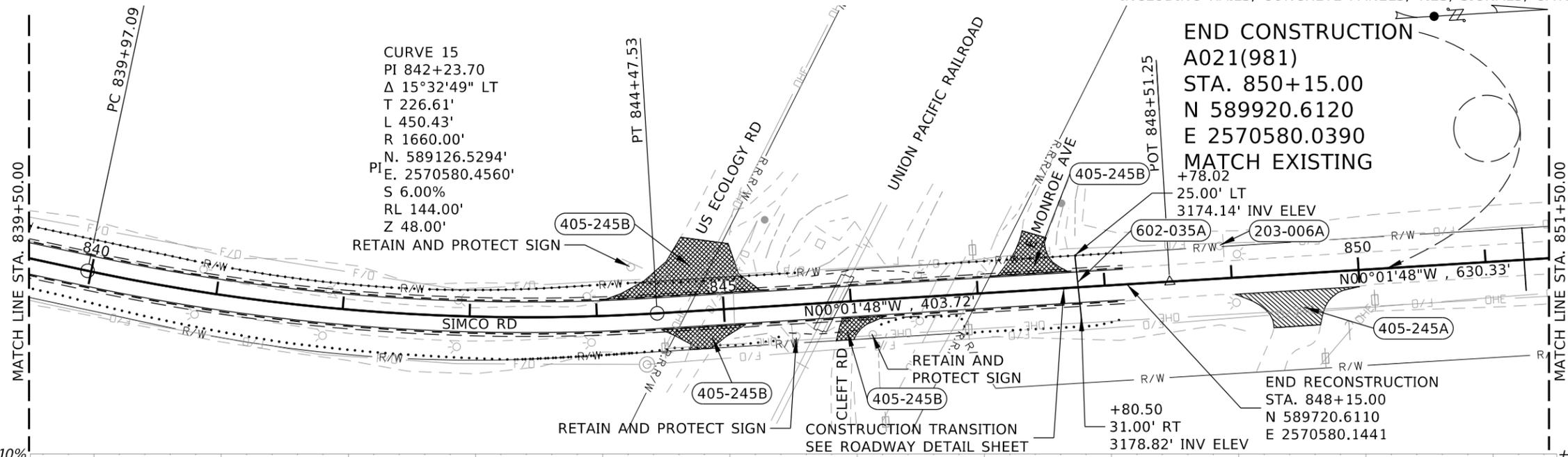
PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 49 OF 143

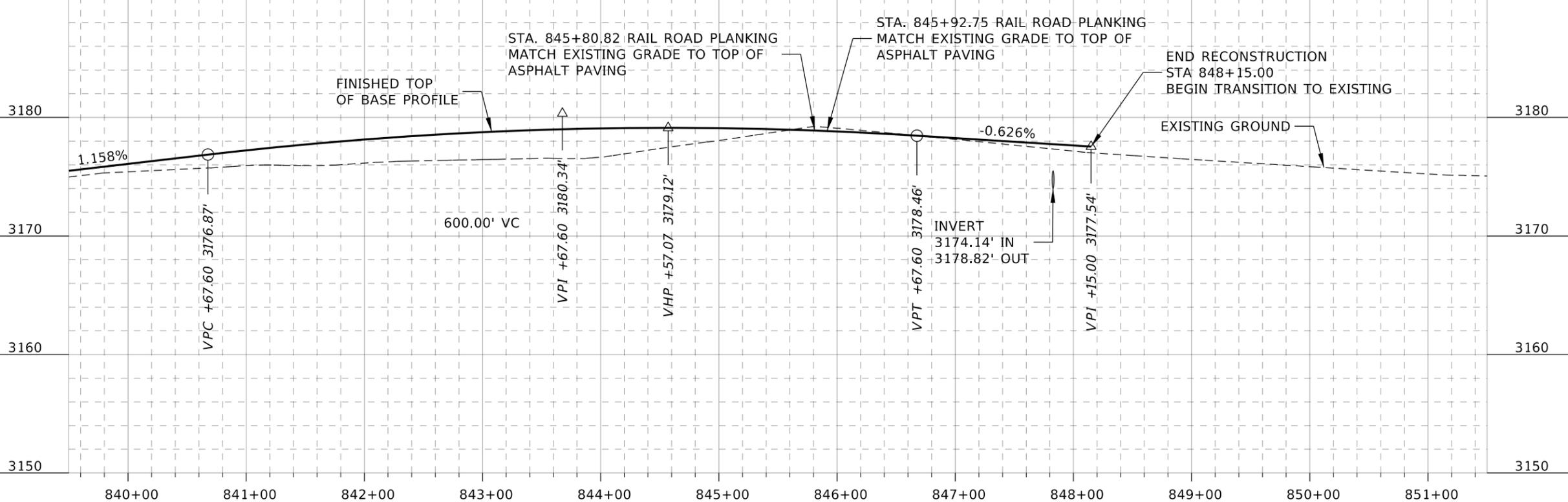
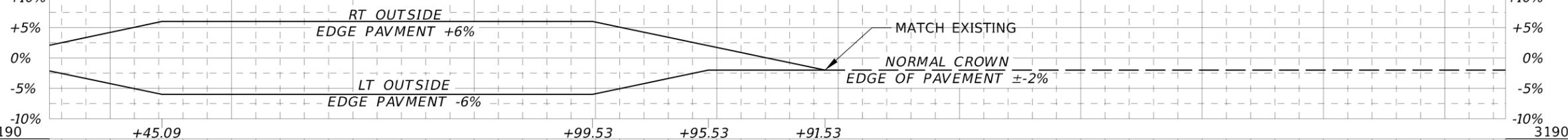


T2S R4E, SEC 2

NOTE: RETAIN AND PROTECT ALL RAILROAD INFRASTRUCTURE INCLUDING RAILS, CONCRETE PANELS, TIES, SIGNALS, GATES, ETC



- 203-006A
1 EACH
REMOVAL OF SIGN STA. 848+92.07 LT
- 405-245A
1 EACH
APPROACH - PAVED STA. 849+50.00 RT
- 405-245B
1 EACH
APPROACH - GRAVEL STA. 844+77.02 LT
- 1 EACH
STA. 844+83.73 RT
- 1 EACH
STA. 846+00.00 LT
- 1 EACH
STA. 847+41.09 LT
- 602-035A
50.00 FT
18" PIPE CULVERT STA. 847+80.03



REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 060.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety - YOUR Mobility - YOUR Economic Opportunity

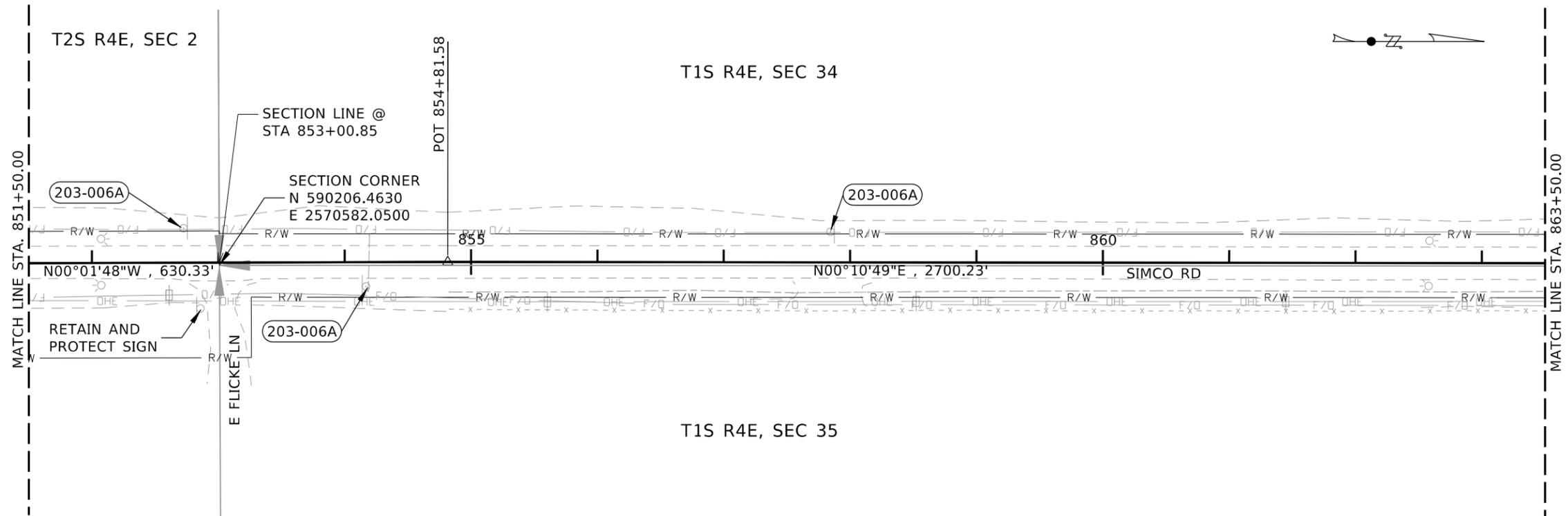
PROJECT NO.	A021(981) A022(879) A023(746) A024(280)
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PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	50 OF 143





203-006A	REMOVAL OF SIGN
1 EACH	STA. 852+72.54 LT
1 EACH	STA. 854+16.87 RT
1 EACH	STA. 857+84.45 LT

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 061.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT



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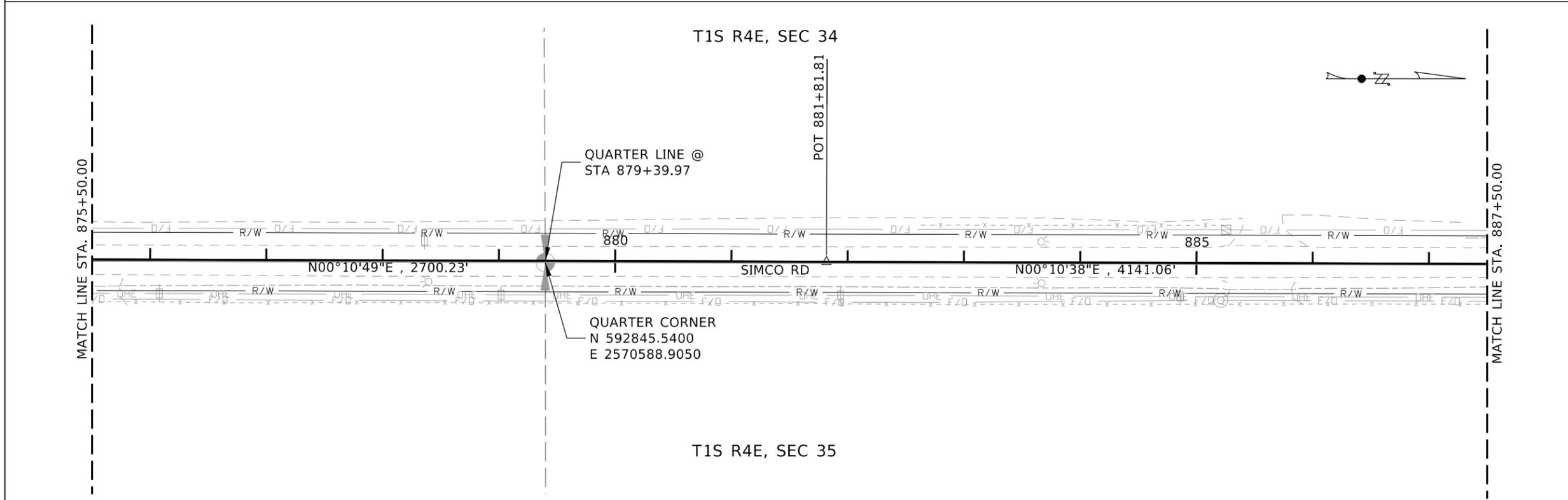
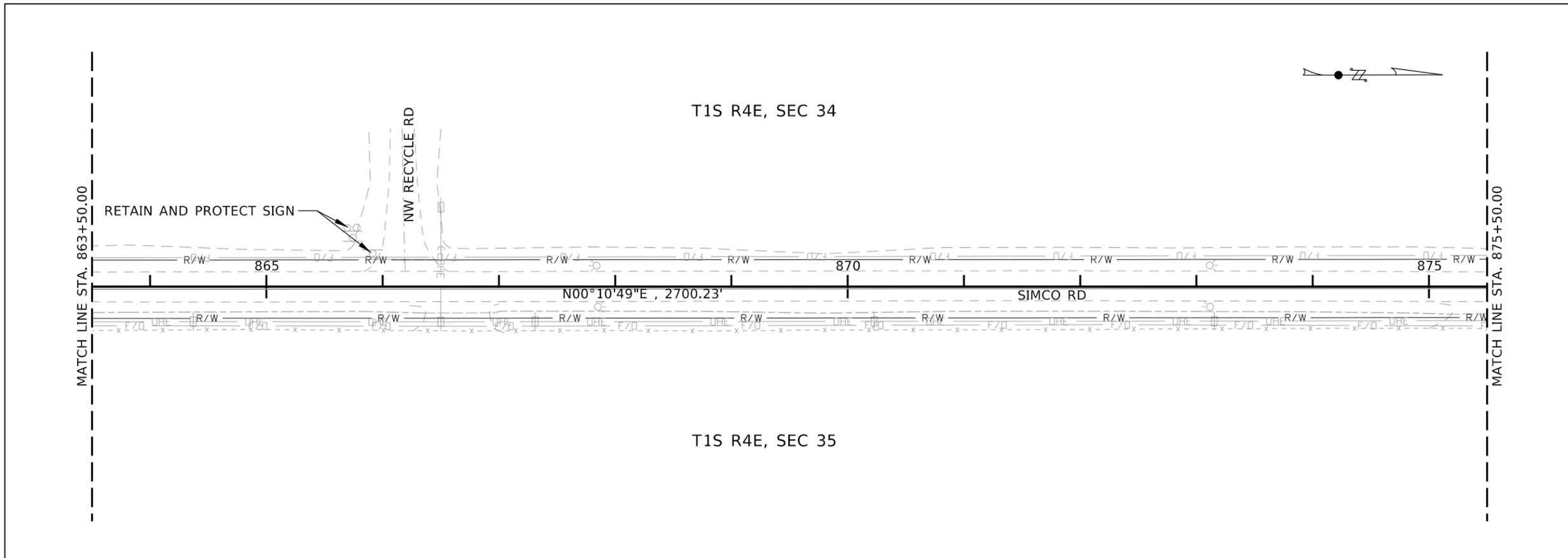
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	51 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 plpr 062.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety → YOUR Mobility → YOUR Economic Opportunity
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

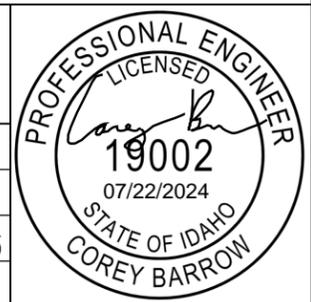
PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

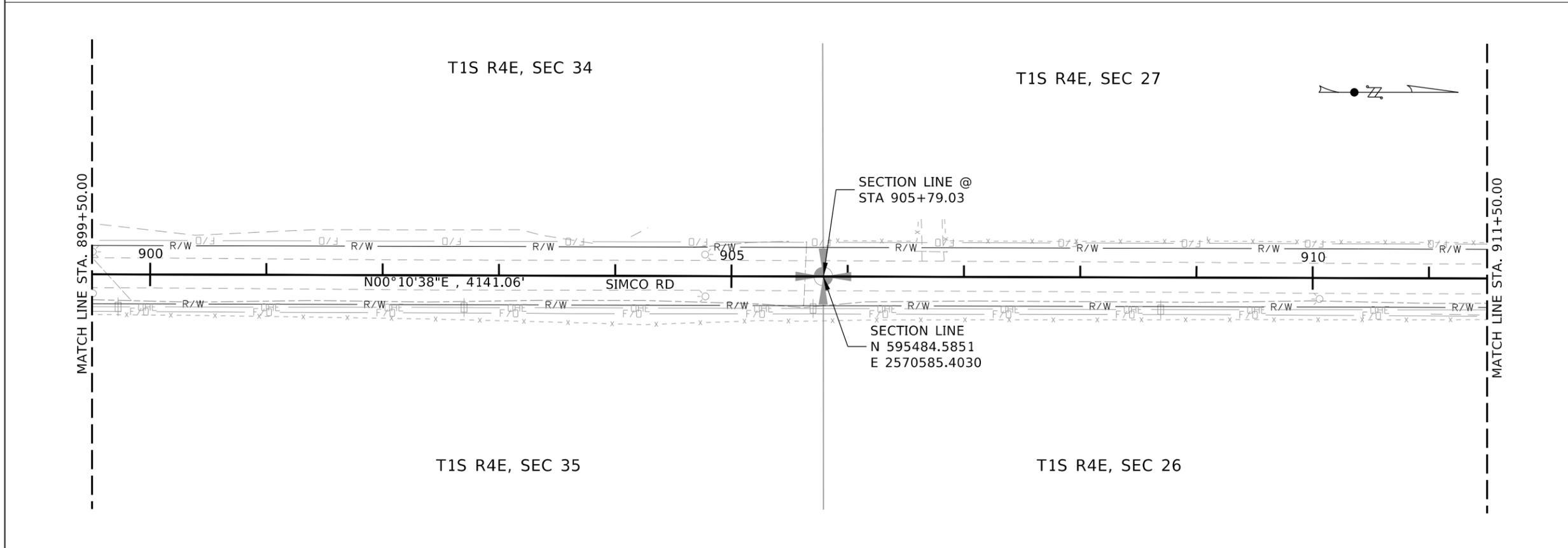
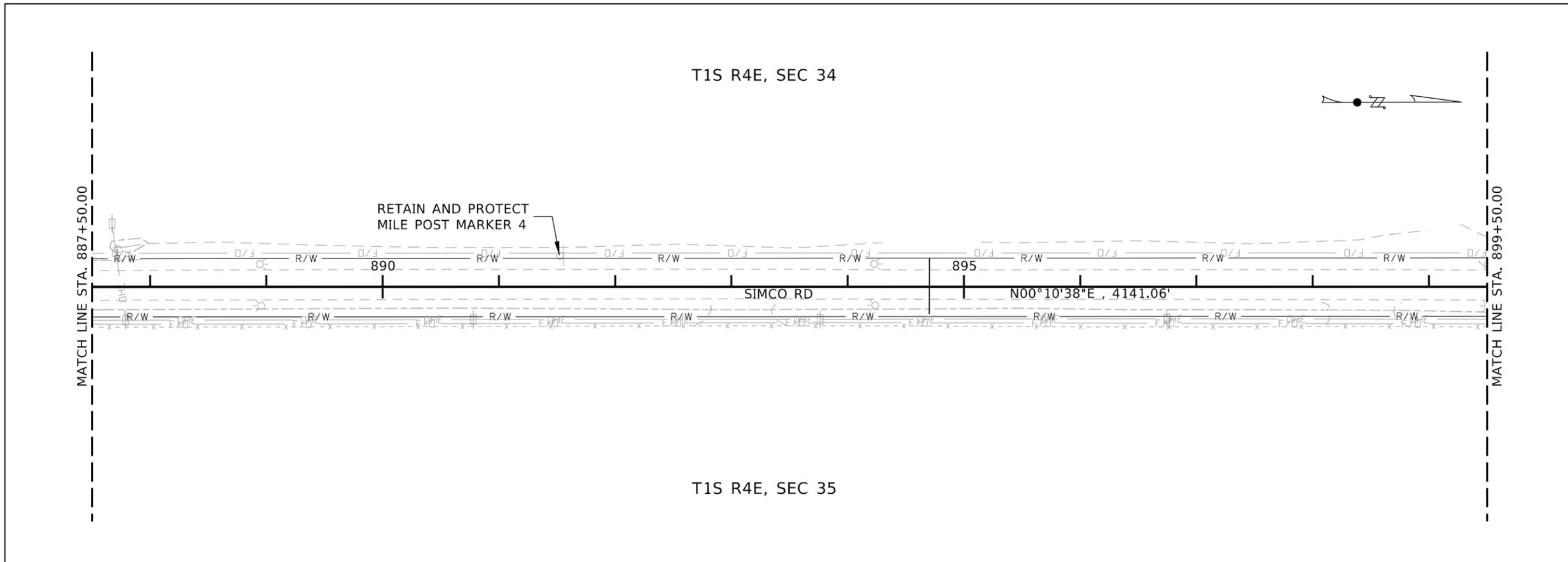
ENGLISH

COUNTY: ELMORE

KEY NUMBER: 21981, 22879, 23746, 24280

SHEET 52 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 064.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

HMH engineering

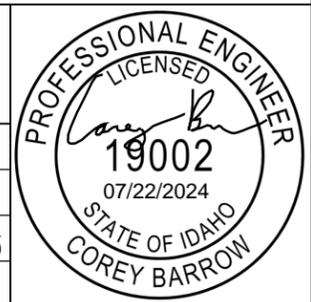


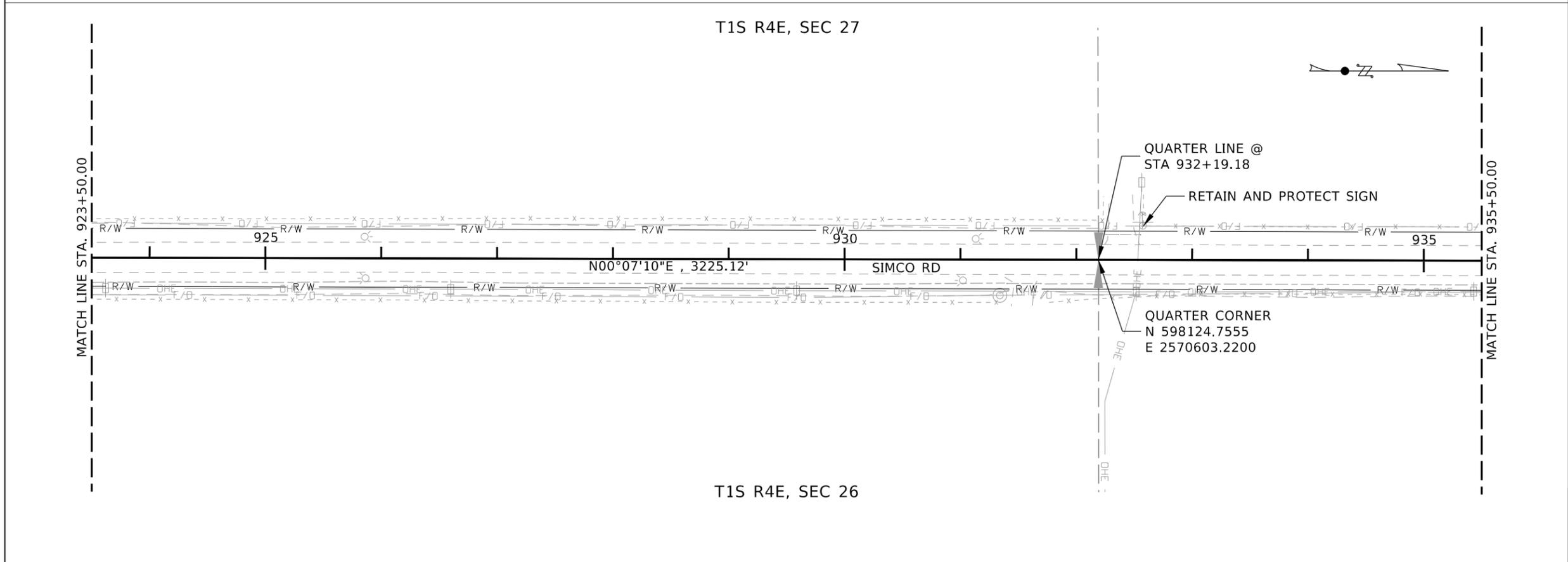
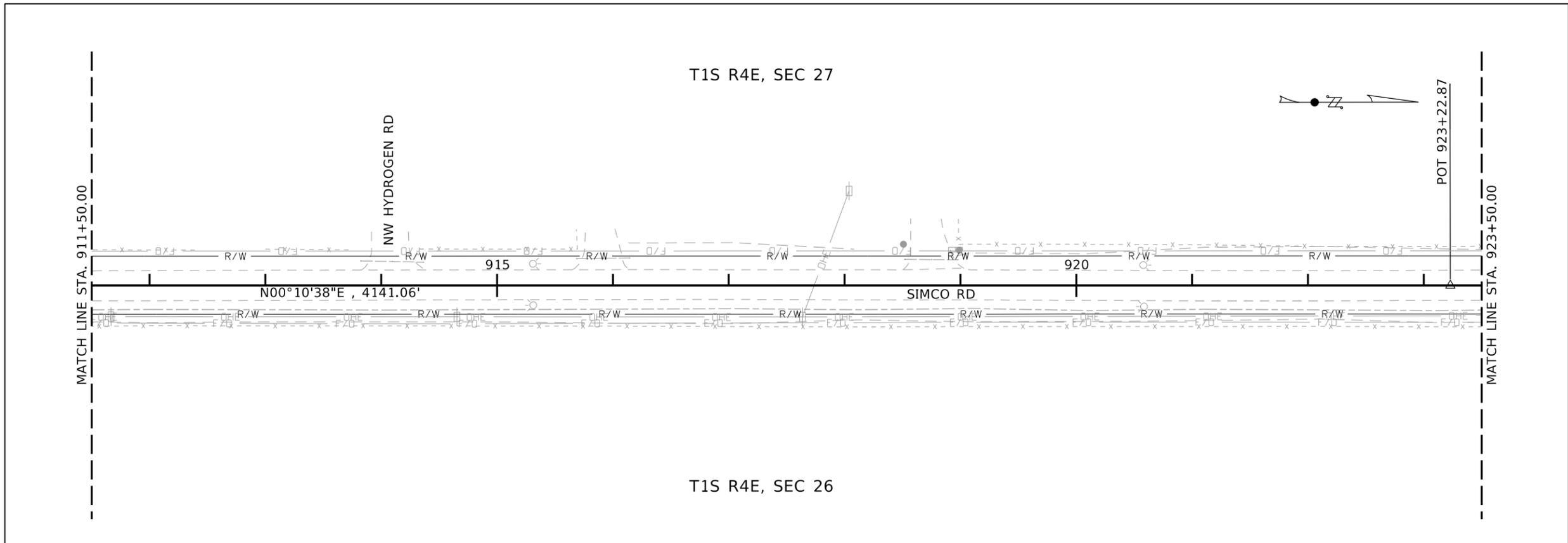
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	53 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 066.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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HMH engineering

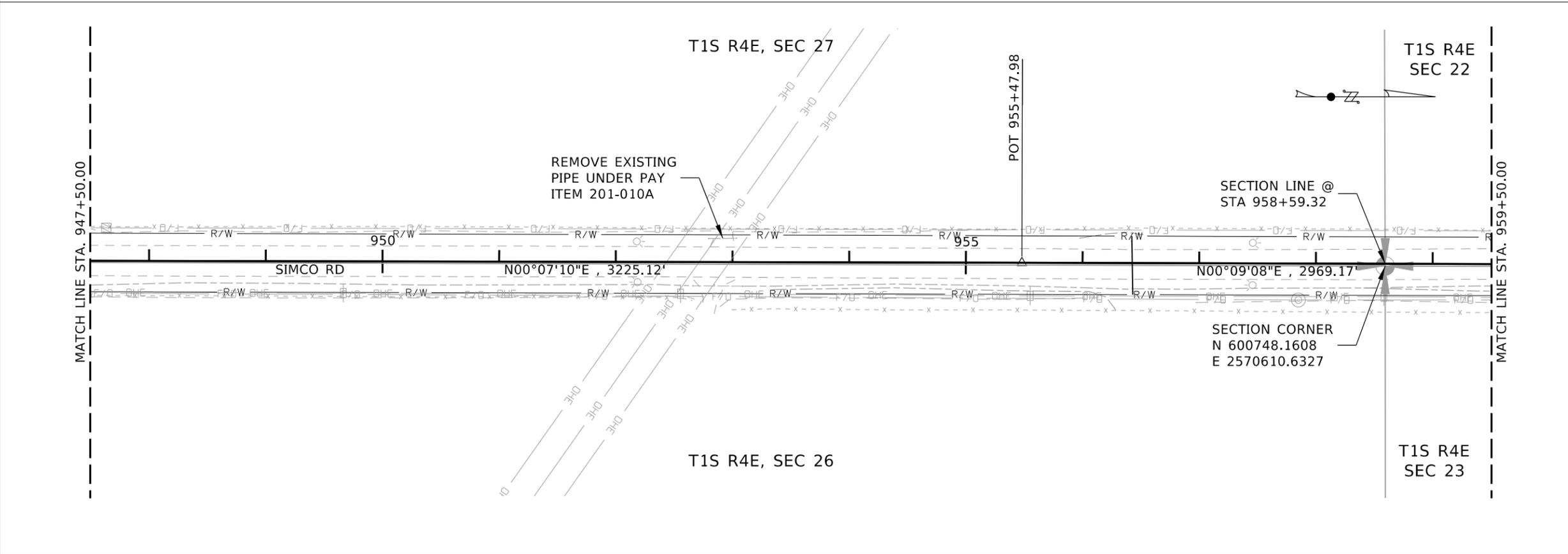
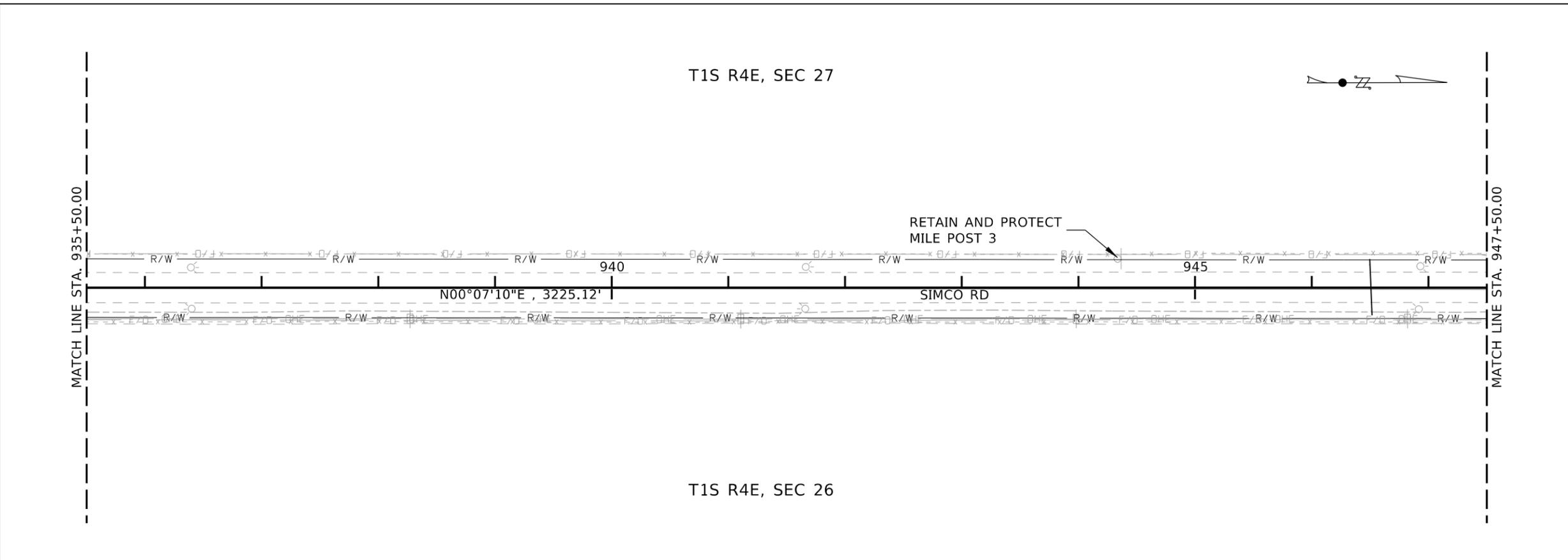
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	54 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 21981 plpr 068.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT
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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

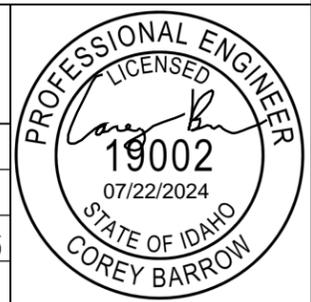
PLAN & PROFILE
 SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH

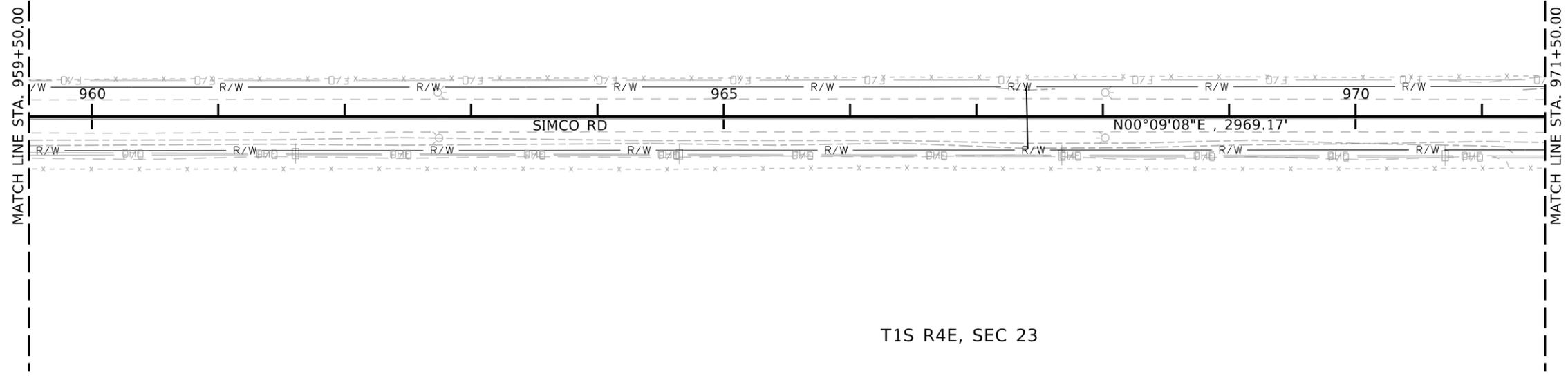
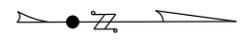
COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 55 OF 143

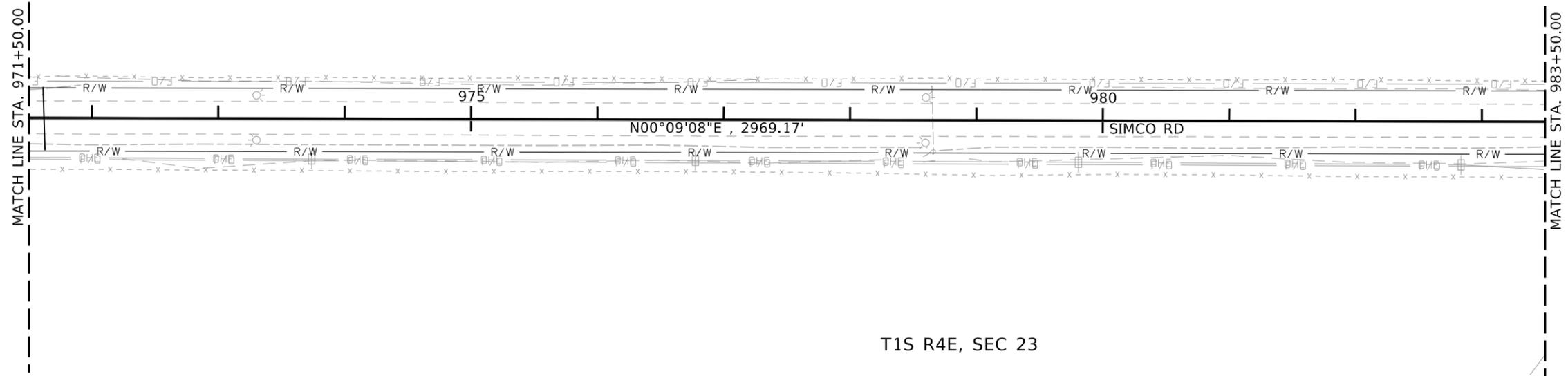
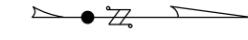


T1S R4E, SEC 22



T1S R4E, SEC 23

T1S R4E, SEC 22



T1S R4E, SEC 23

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 plpr 070.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

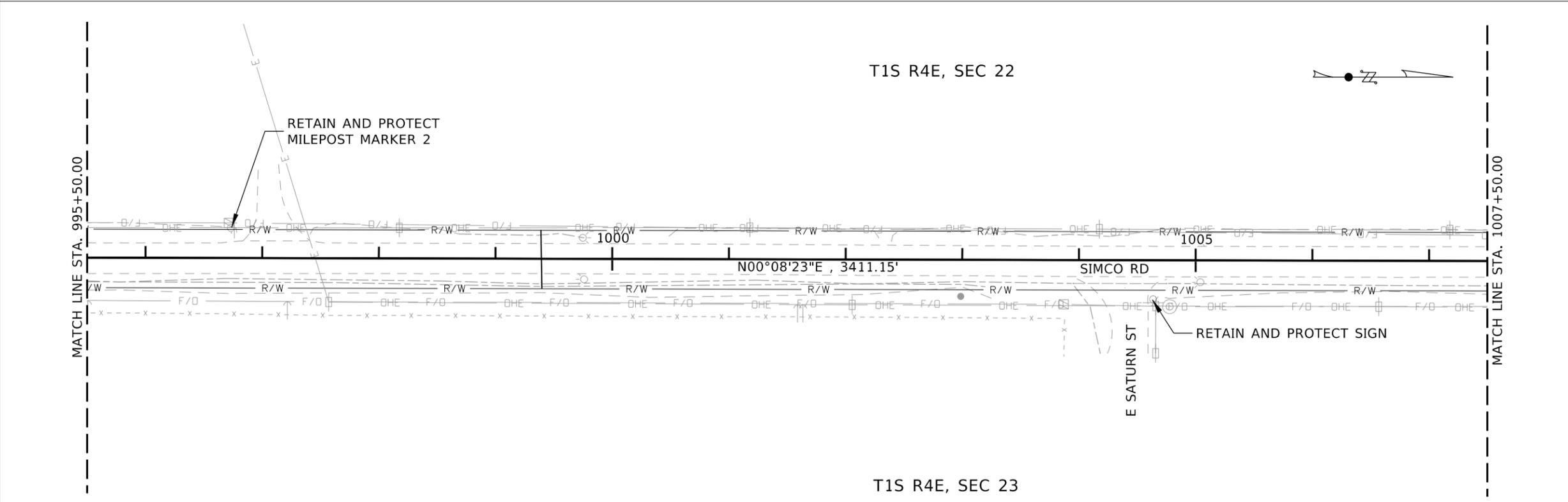
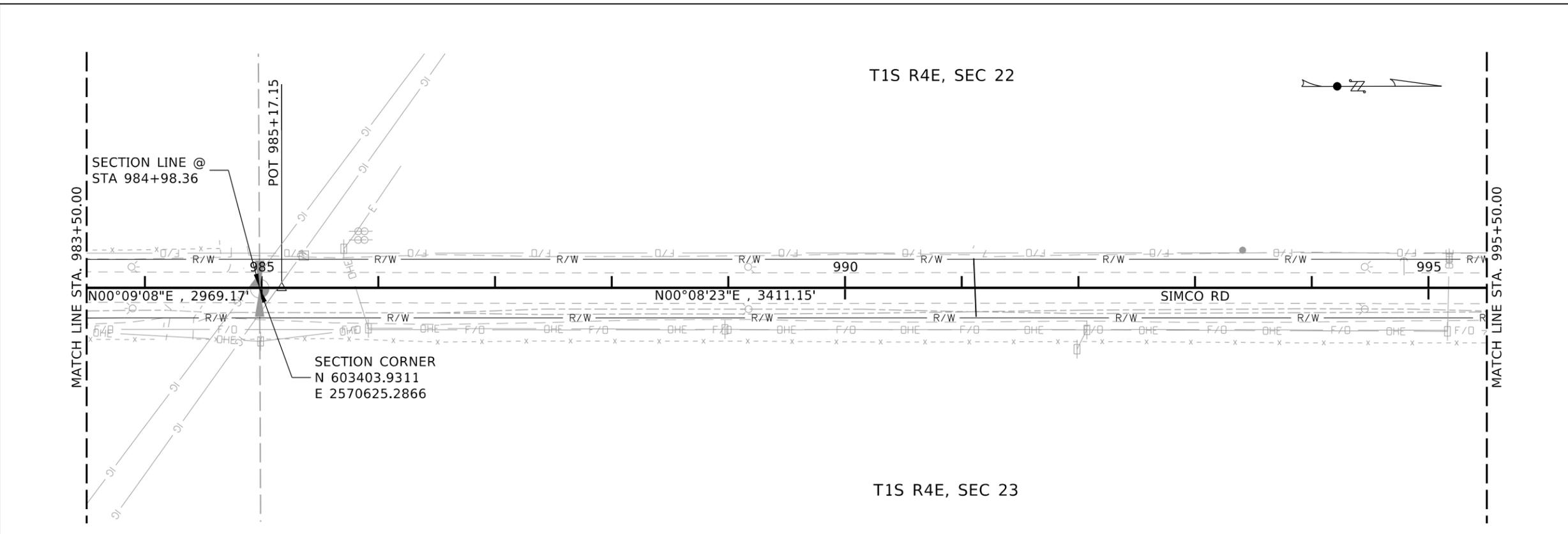
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	56 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 072.dgn

DRAWING DATE:
22-JUL-2024

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PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

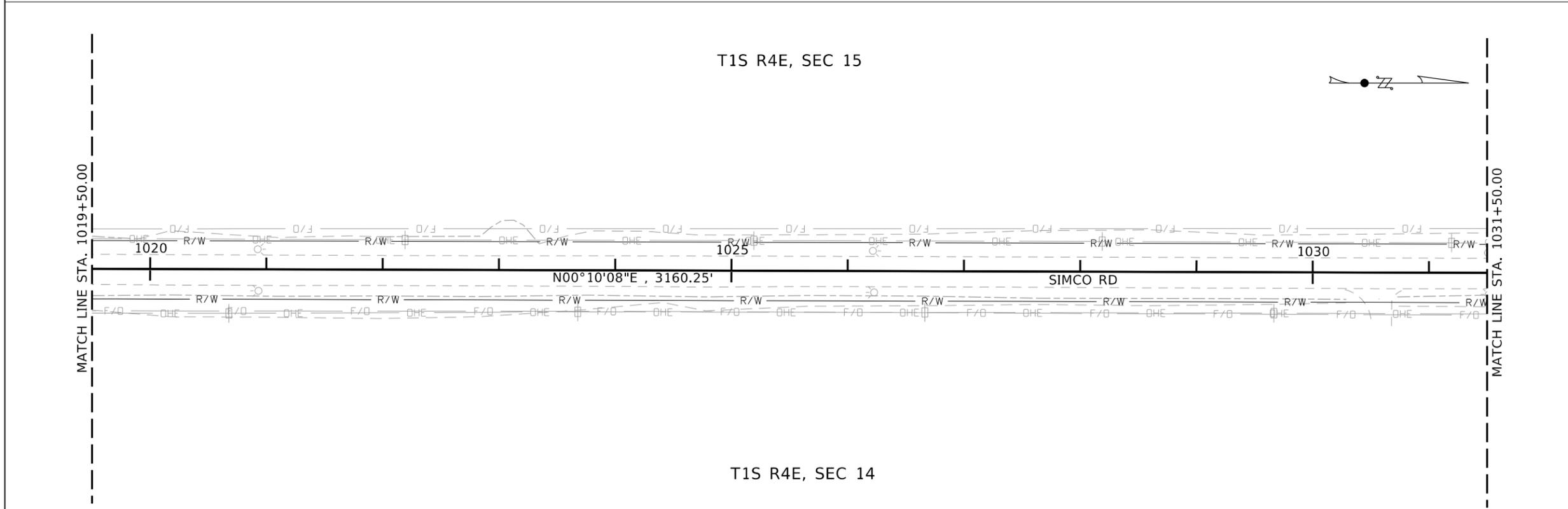
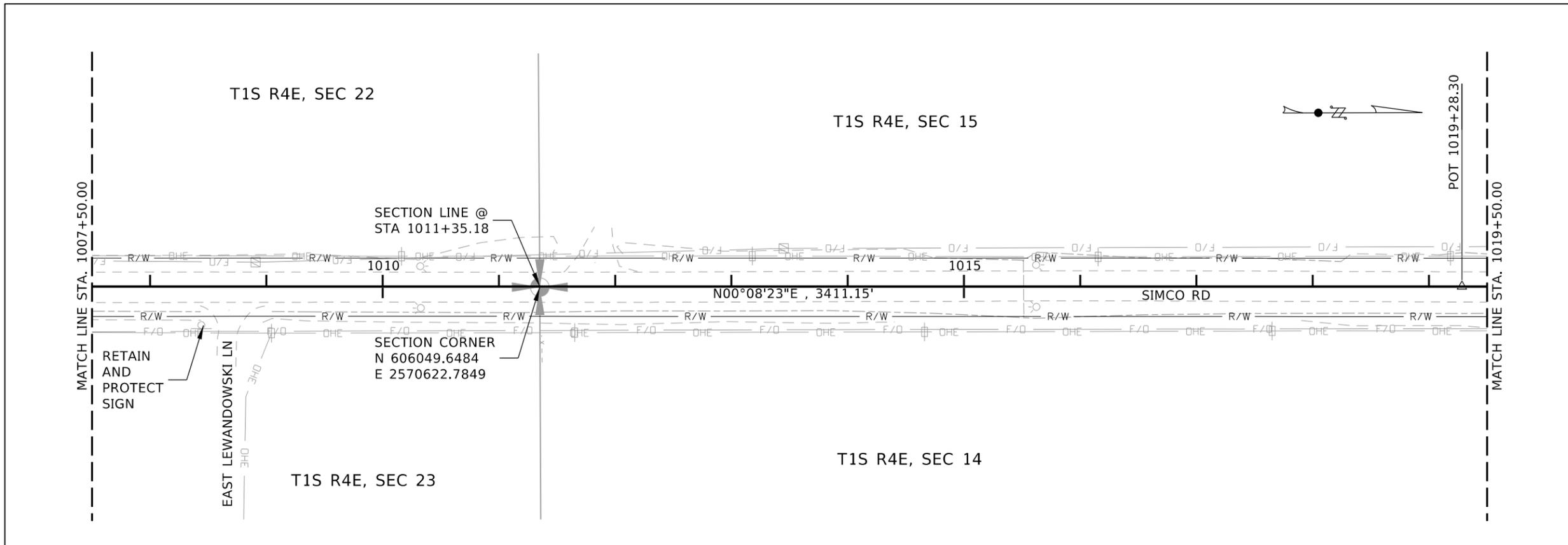
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 57 OF 143





REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 plpr 074.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

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HMH engineering



PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH

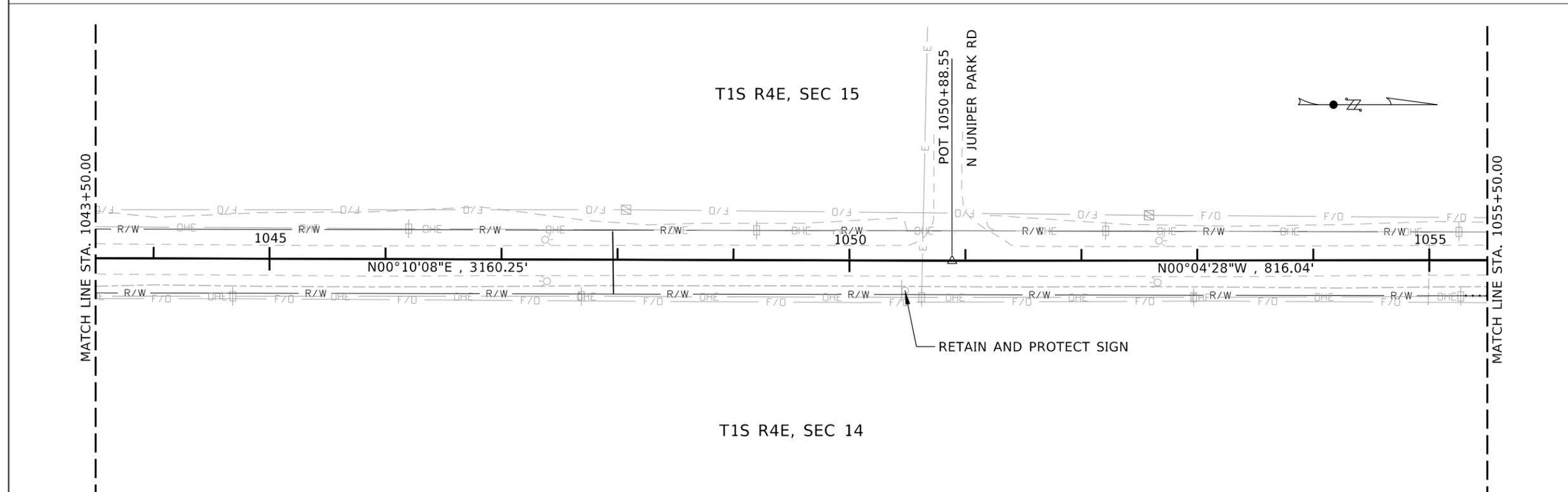
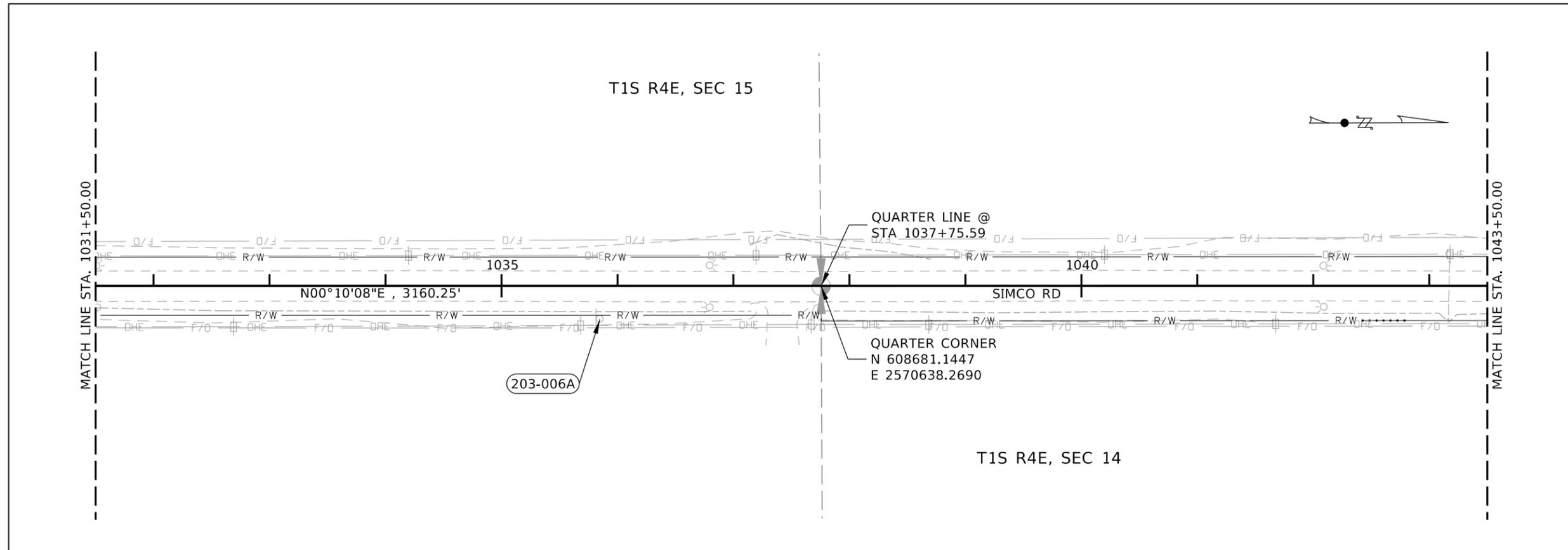
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 58 OF 143



203-006A
1 EACH
REMOVAL OF SIGN
STA. 1035+84.88 RT



REMOVE ALL DELINEATORS FROM
PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 plpr 076.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT



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HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

PLAN & PROFILE
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

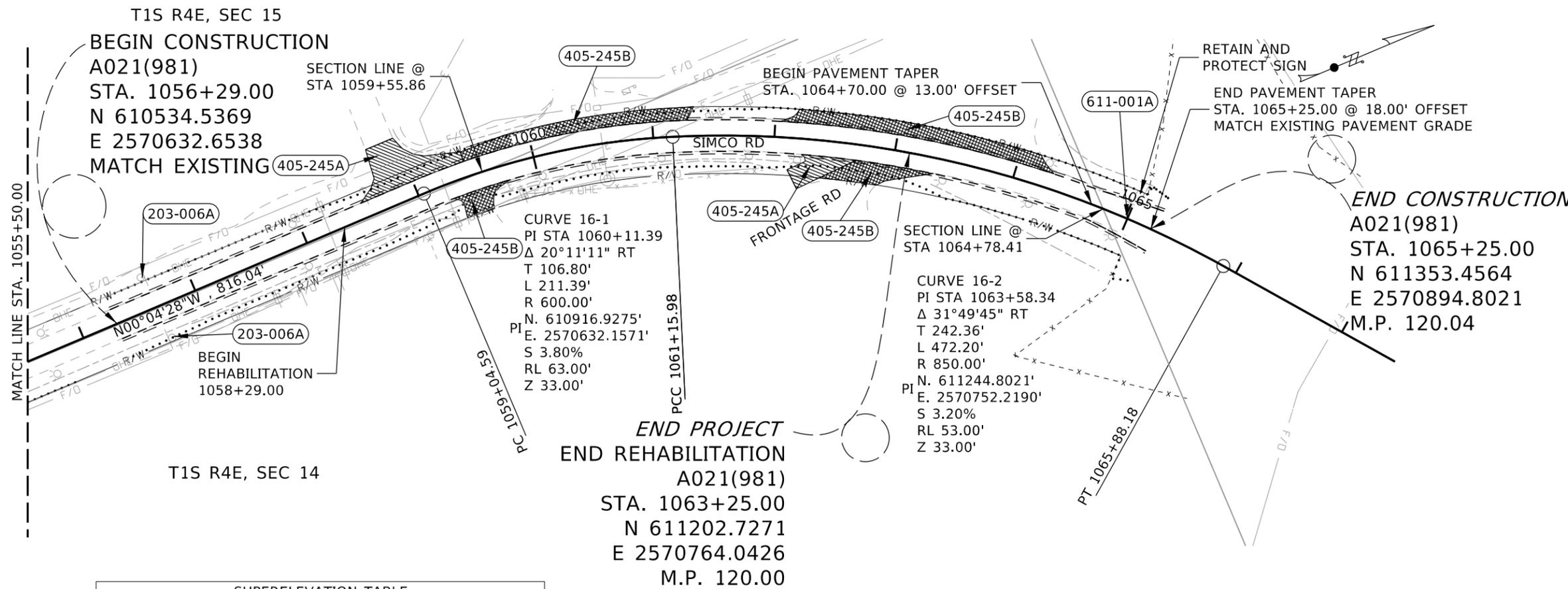
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 59 OF 143





203-006A	REMOVAL OF SIGN
1 EACH	STA. 1056+62.77 LT
1 EACH	STA. 1056+67.34 RT
405-245A	APPROACH - PAVED
1 EACH	STA. 1058+94.64 LT
1 EACH	STA. 1062+56.19 RT
405-245B	APPROACH - GRAVEL
1 EACH	STA. 1059+42.87 RT
1 EACH	STA. 1060+36.94 LT
1 EACH	STA. 1062+46.35 LT
1 EACH	STA. 1062+95.55 RT
611-001A	CATTLE GUARD (PAINTED)
1 EACH	STA. 1065+00.00

STATION	LEFT LN	RIGHT LN	DESCRIPTION
1058+29.59	-2.0%	-2.0%	NORMAL CROWN
1058+95.59	+2.0%	-2.0%	REVERSE CROWN
1059+25.59	+3.8%	-3.8%	FULL SUPER
1061+10.85	+3.8%	-3.8%	FULL SUPER
1061+21.12	+3.2%	-3.2%	FULL SUPER
1065+70.18	+3.2%	-3.2%	FULL SUPER
1065+90.18	+2.0%	-2.0%	REVERSE CROWN
1066+56.18	-2.0%	-2.0%	NORMAL CROWN

USE 3/4" BASE TY B TO REESTABLISH SUPERELEVATIONS. TRANSITION FROM 3.8% SUPERELEVATION AT STATION 1061+10.85 TO 3.2% SUPERELEVATION AT STATION 1061+21.12.

REMOVE ALL DELINEATORS FROM PROJECT UNDER PAY ITEM 203-125A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 plpr 078.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

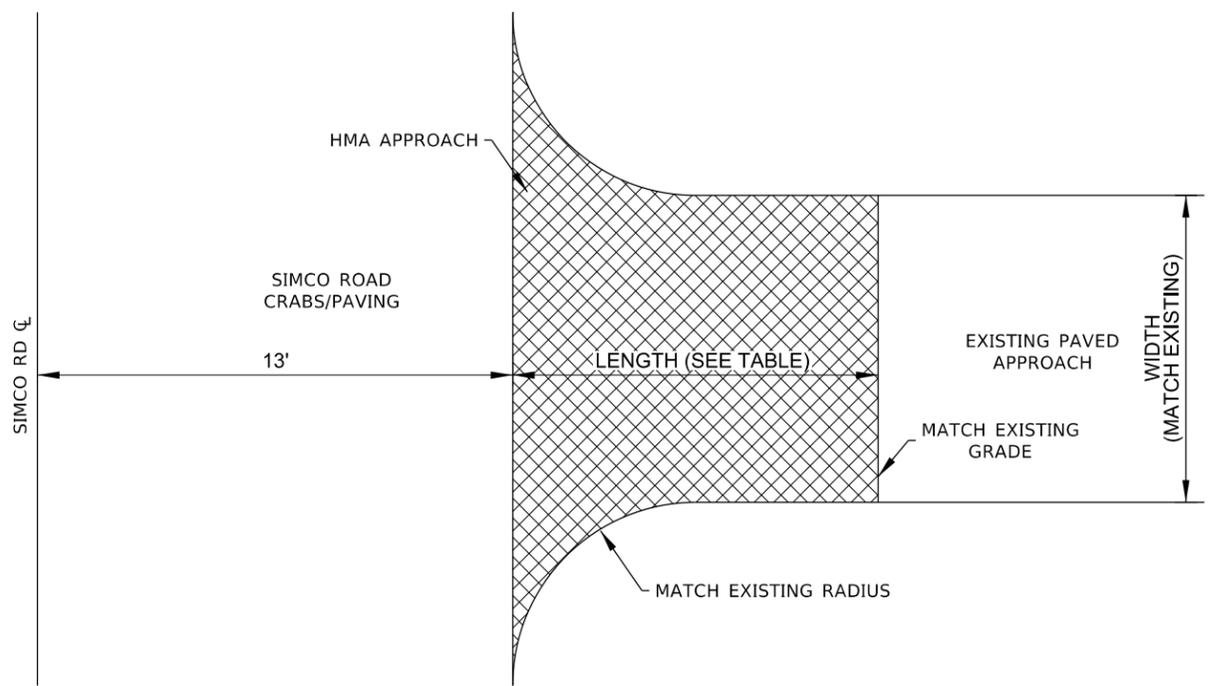
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

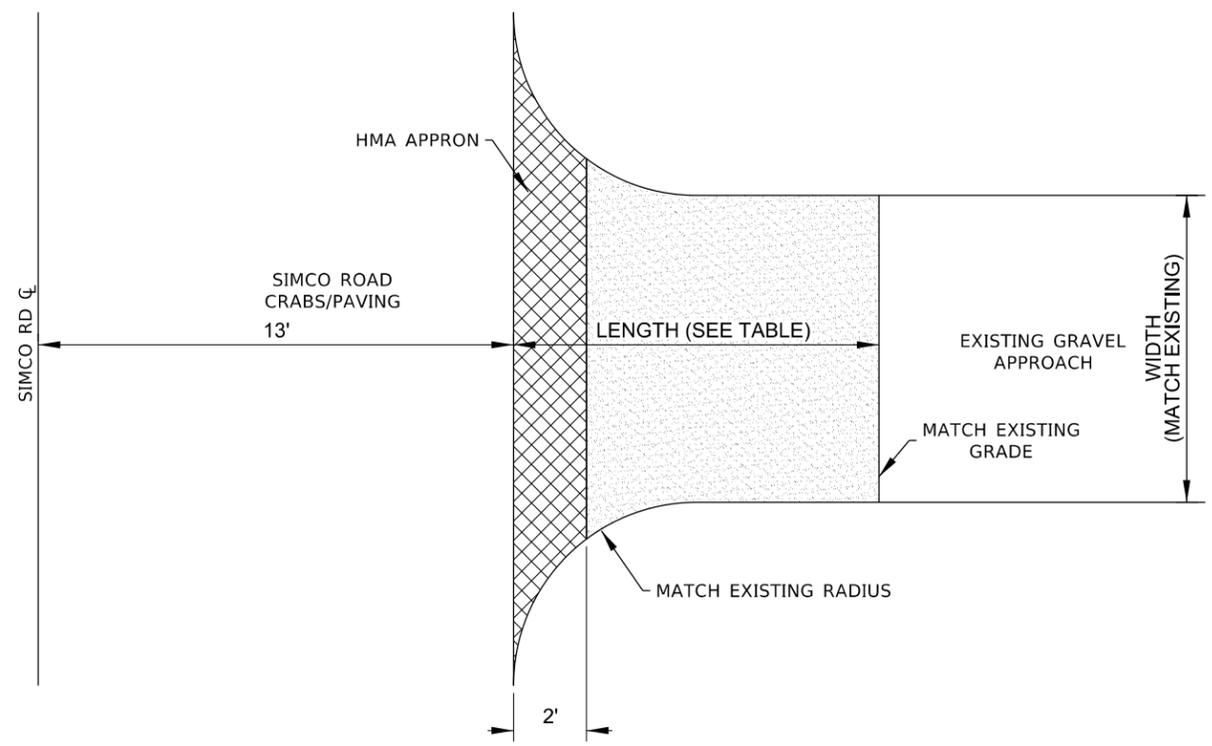
PLAN & PROFILE
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 60 OF 143

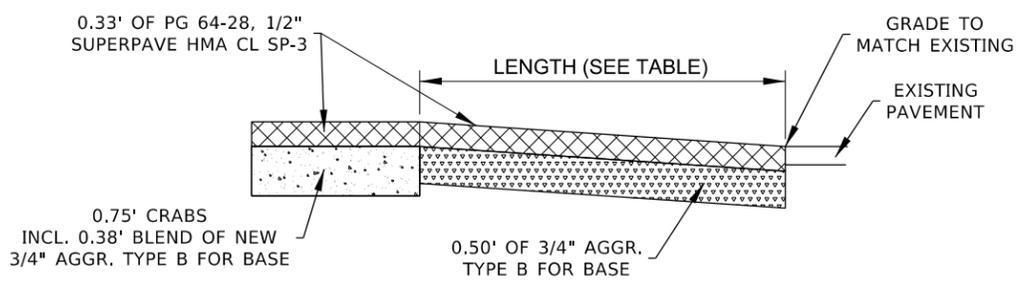




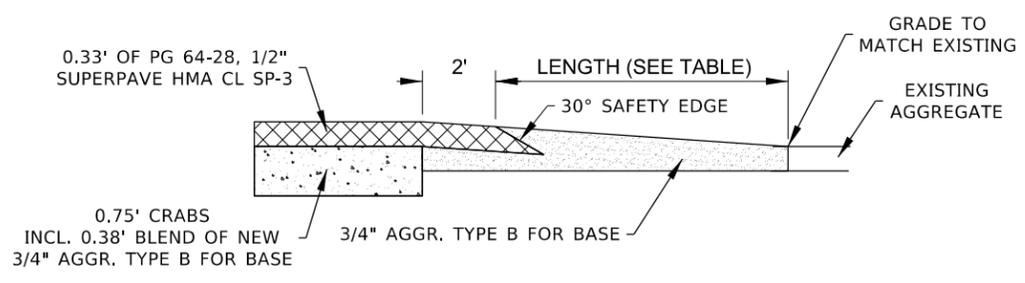
PAVED APPROACH DETAIL (PLAN VIEW)
N.T.S.



GRAVEL APPROACH DETAIL (PLAN VIEW)
N.T.S.



PAVED APPROACH DETAIL (SIDE VIEW)
N.T.S.



GRAVEL APPROACH DETAIL (SIDE VIEW)
N.T.S.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MARCUS LEVESEY
DESIGN CHECKED	CHANC MEYER
DETAILED	MARCUS LEVESEY
DRAWING CHECKED	G.E. SIEGFORD

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 21981 DETL 001.DGN
DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

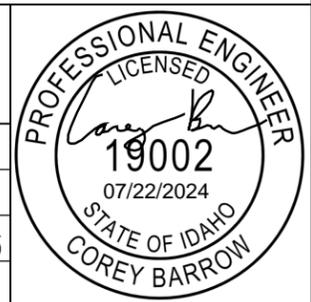
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

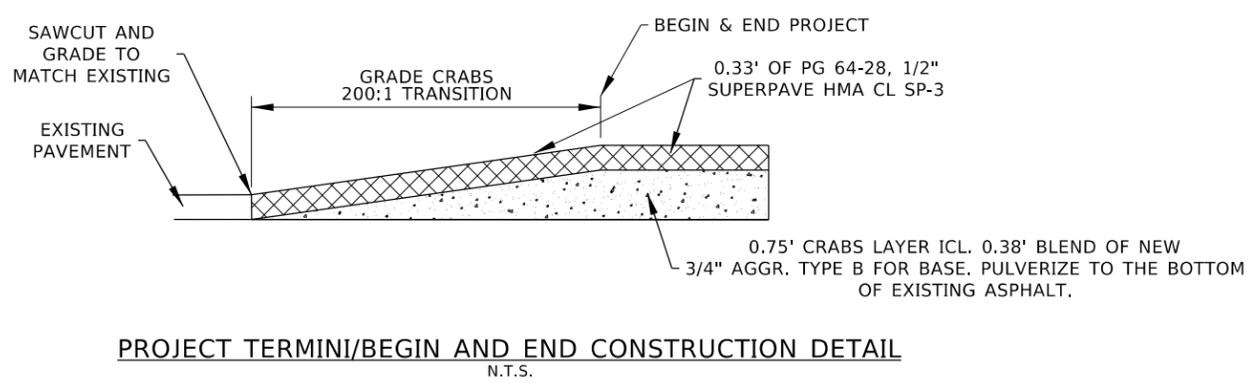
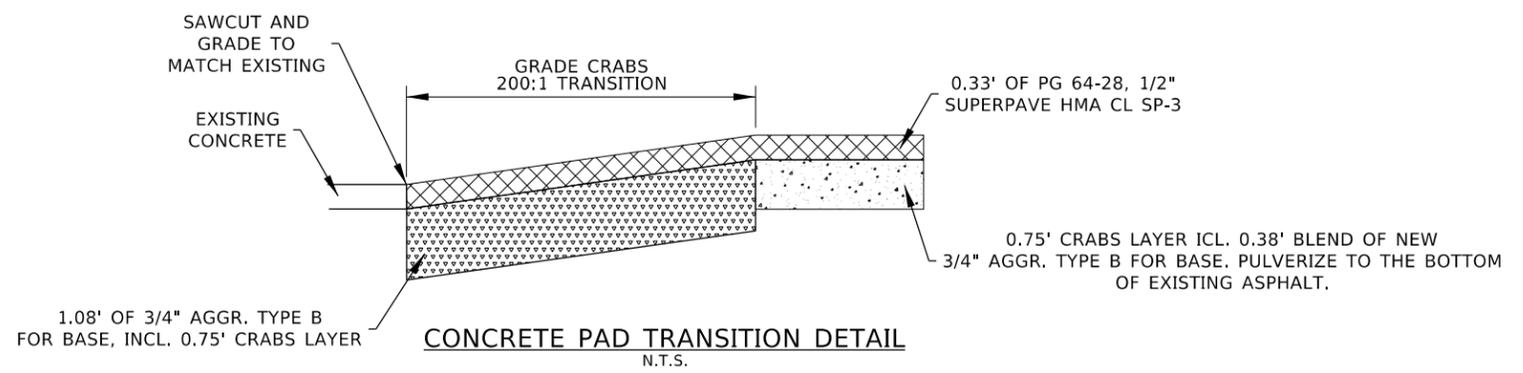
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

ROADWAY DETAILS
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 61 OF 143





GRAVEL APPROACHES				
STATION	LT/RT	L (FT)	W (FT)	APPROX. AREA(SF)
173+09	LT	17	12	300
173+85	RT	17	12	360
246+08	LT	17	100	1940
280+00	RT	17	18	530
333+00	RT	17	20	530
424+27	RT	17	12	410
462+06	LT	17	18	550
472+21	RT	17	14	400
594+59	RT	56	18	2010
634+38	LT	17	13	350
647+39	LT	17	20	670
700+18	RT	30	22	1000
700+24	LT	32	12	580
720+92	RT	42	75	3210
725+12	RT	17	65	1490
844+77	LT	50	36	2810
844+84	RT	17	14	630
846+00	RT	17	14	350
847+41	LT	32	20	500
1059+43	RT	19	24	540
1060+37	LT	10	195	1980
1062+43	RT	18	50	950
1062+96	LT	10	200	2430

PAVED APPROACHES				
STATION	LT/RT	L (FT)	W (FT)	APPROX. AREA(SF)
541+73	RT	50	28	2100
594+41	LT	54	28	2100
647+46	RT	57	28	2130
849+50	RT	28	38	1470
1058+95	LT	39	24	1900
1062+56	RT	38	18	740

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED: MARCUS LEVESEY
 DESIGN CHECKED: CHANC MEYER
 DETAILED: MARCUS LEVESEY
 DRAWING CHECKED: G.E. SIEGFORD

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 21981 DETL 001.DGN
 DRAWING DATE: 22-JUL-2024

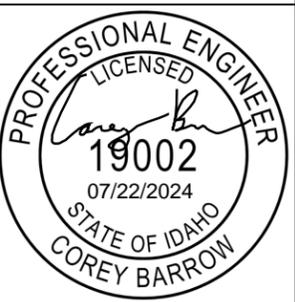
IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

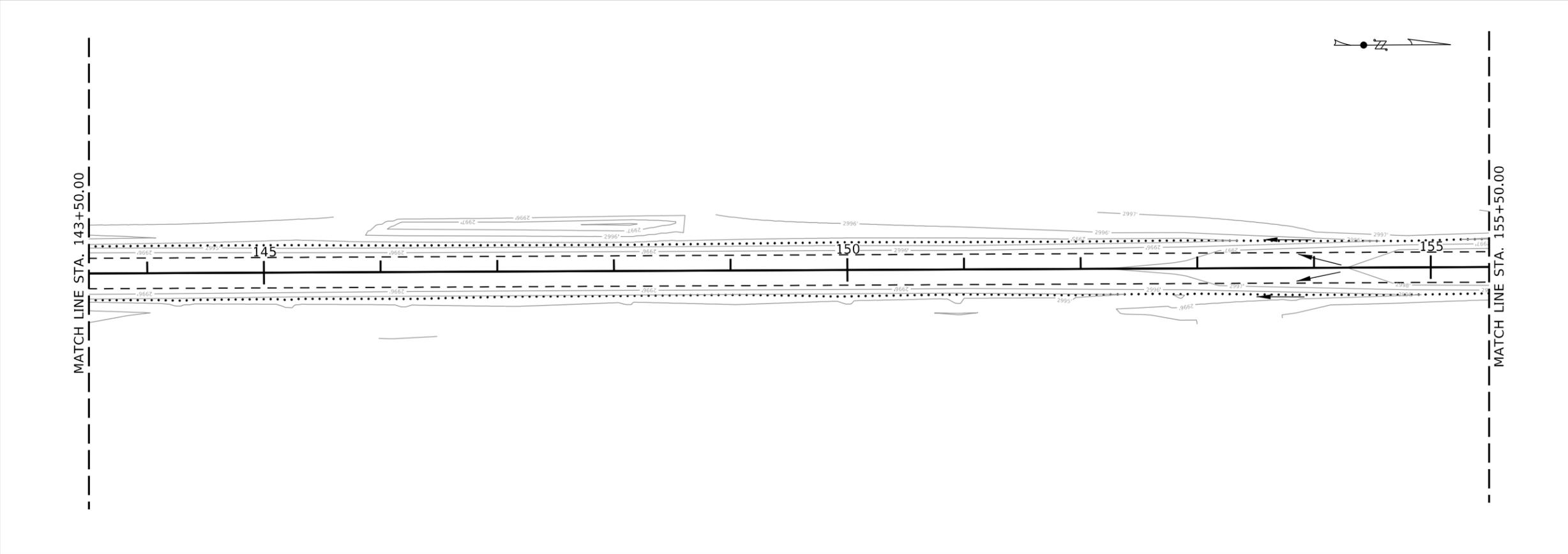
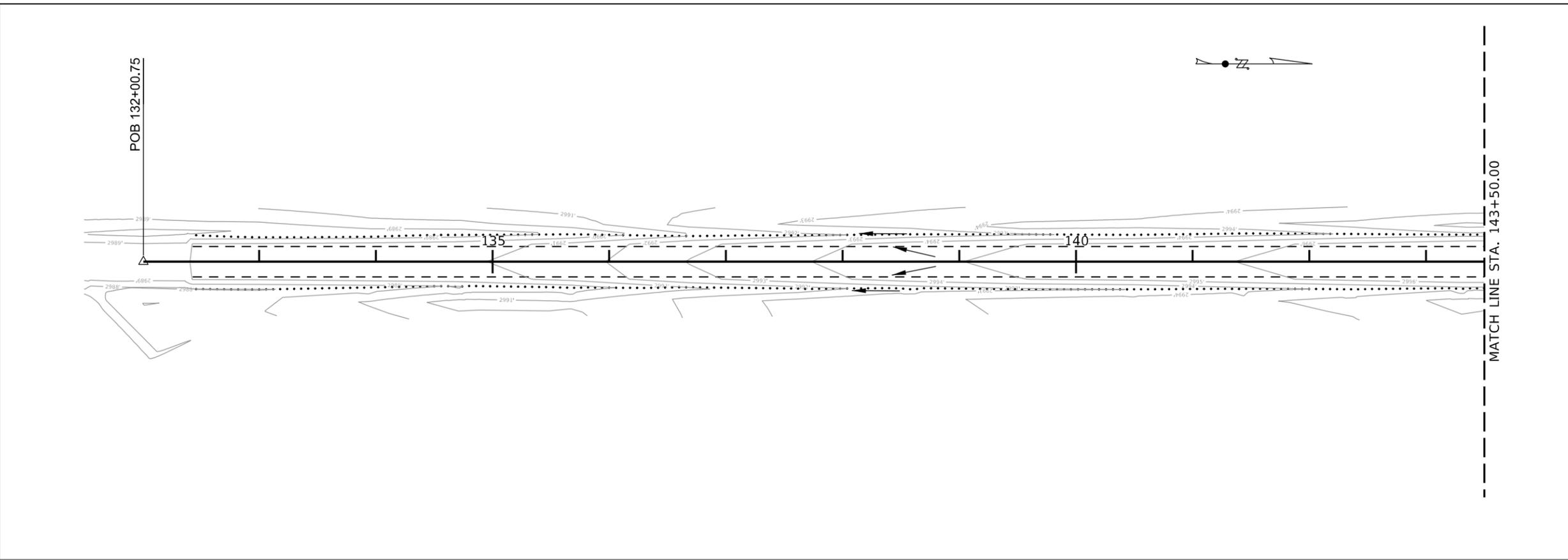
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

ROADWAY DETAILS
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH
 COUNTY: ELMORE
 KEY NUMBER: 21981 22879 23746 24280
 SHEET 62 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 eros 001.dgn

DRAWING DATE:
22-JUL-2024

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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

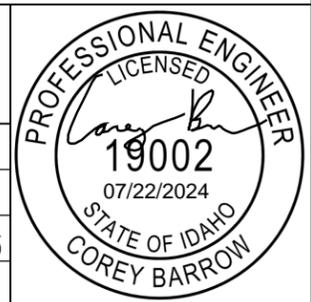
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

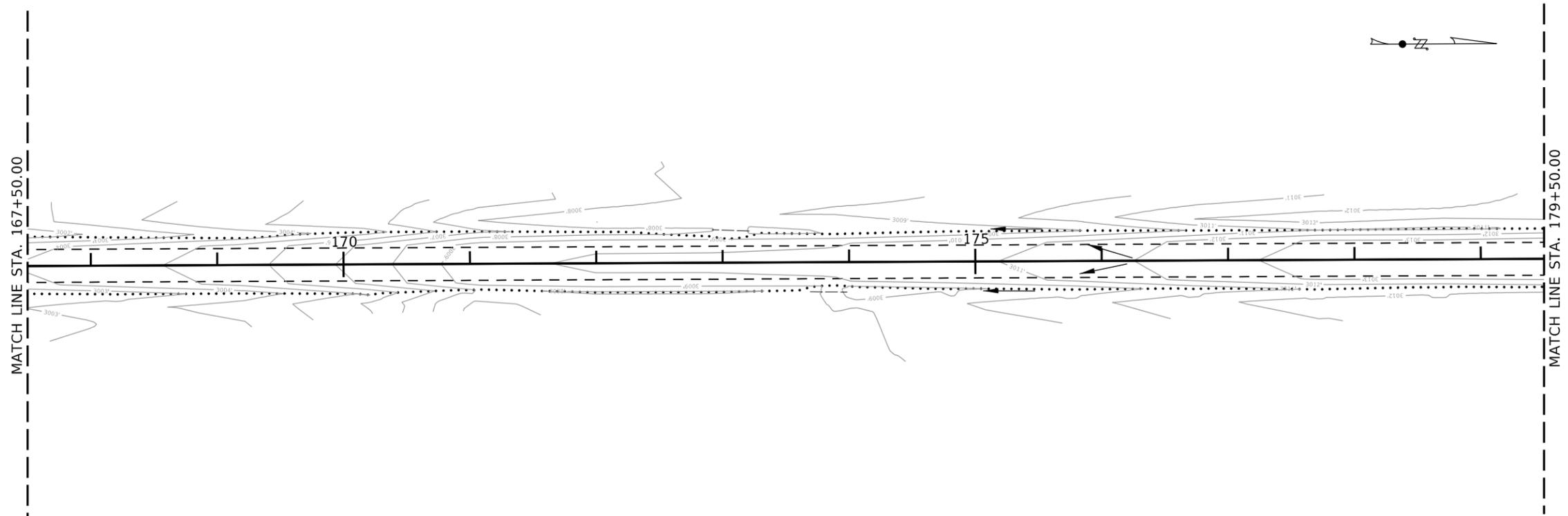
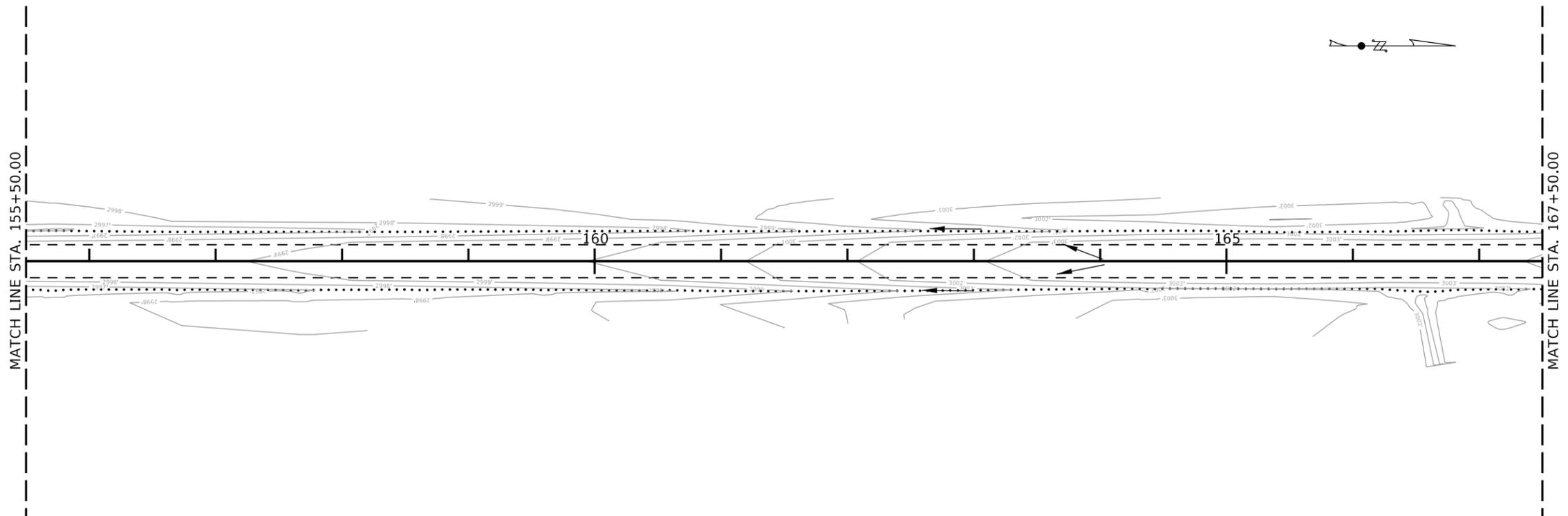
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 63 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 003.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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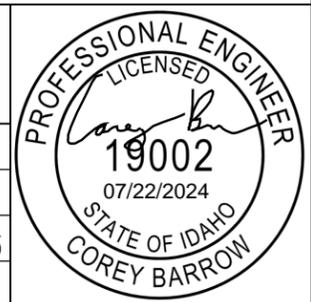
HMH engineering

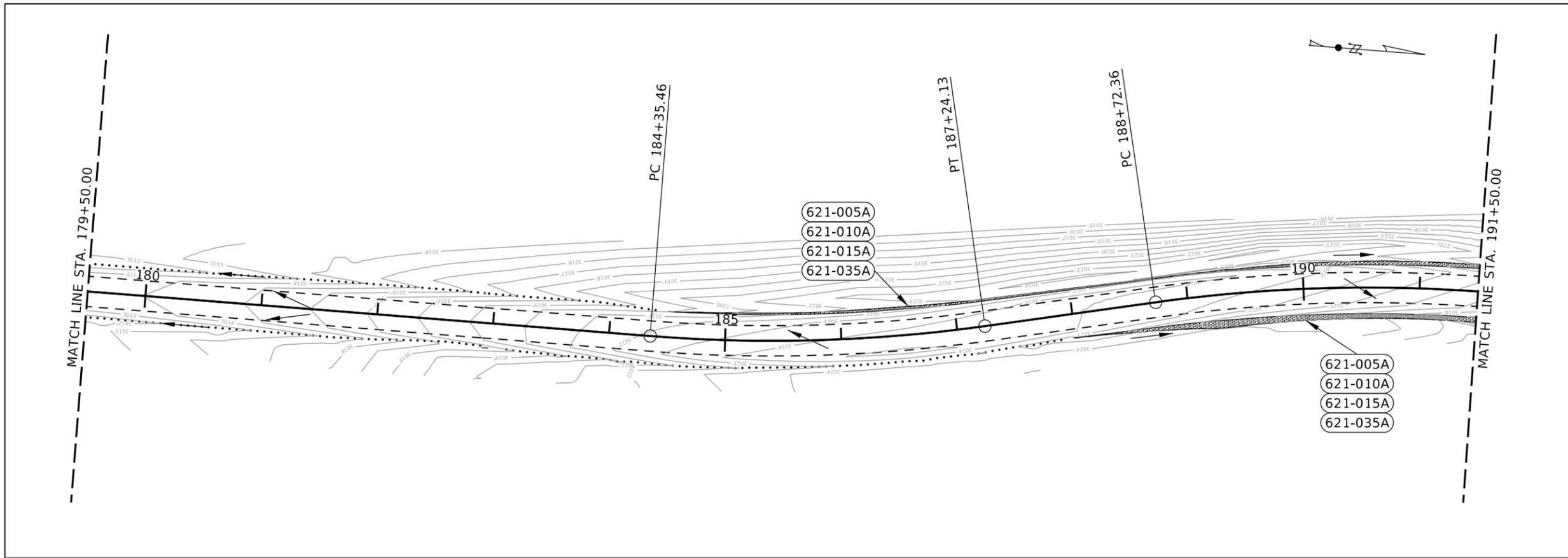
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

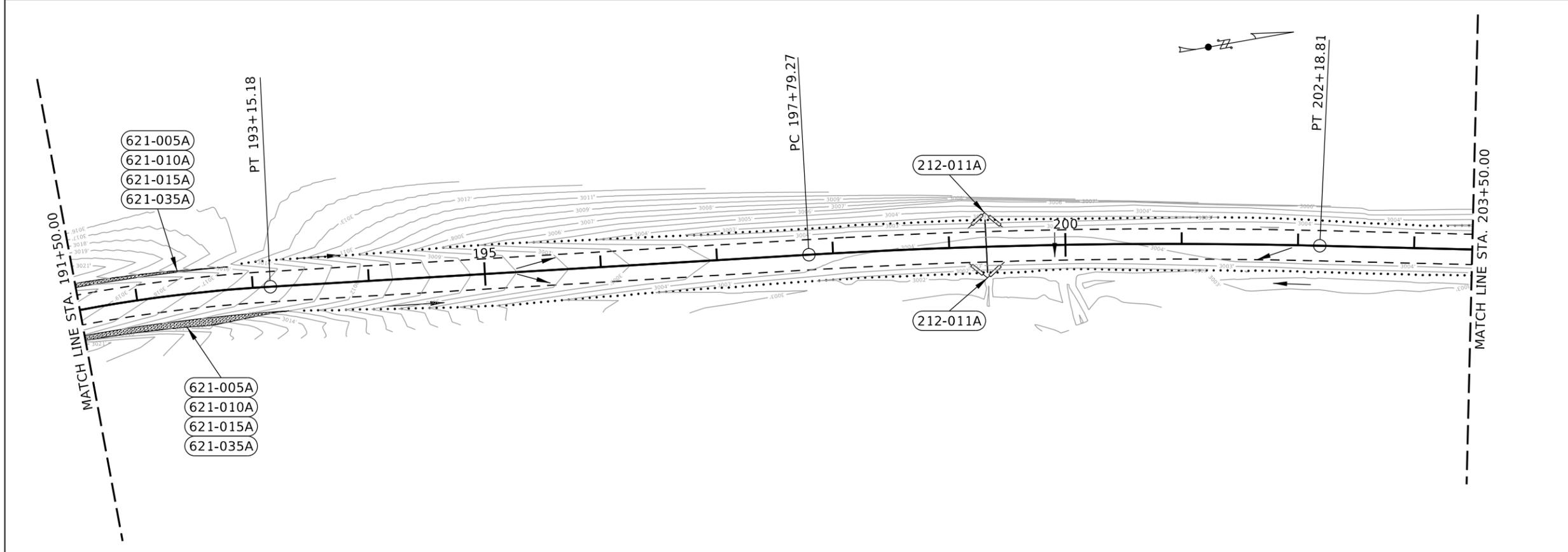
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
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- (212-011A) FIBER WATTLES
40 FT STA. 199+31.46 LT
40 FT STA. 199+32.52 RT
 - (621-005A) SEEDBED PREPARATION
 - (621-010A) SEEDING
 - (621-015A) MULCHING
 - (621-035A) FERTILIZING
- 0.082 ACRE
- STA. 184+50.00 - 191+50.00 LT
 - STA. 191+50.00 - 192+80.00 LT
 - STA. 187+98.25 - 191+50.00 RT
 - STA. 191+50.00 - 193+30.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 005.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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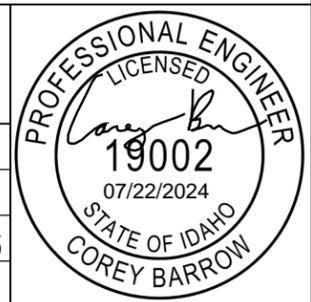


PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

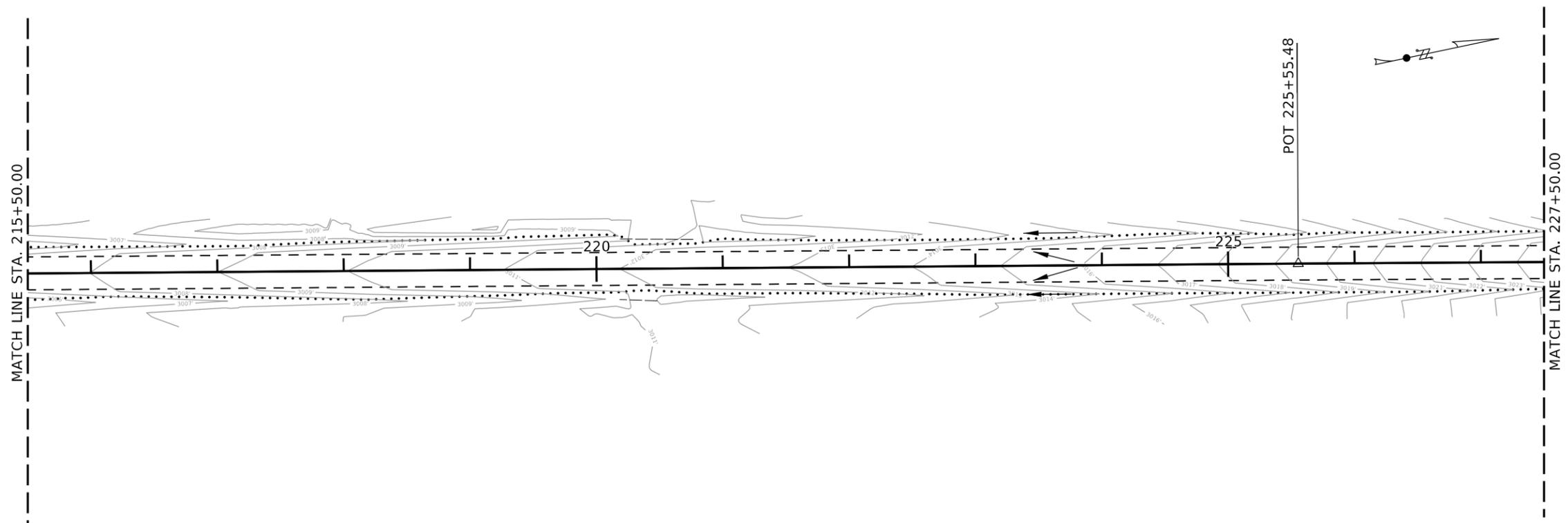
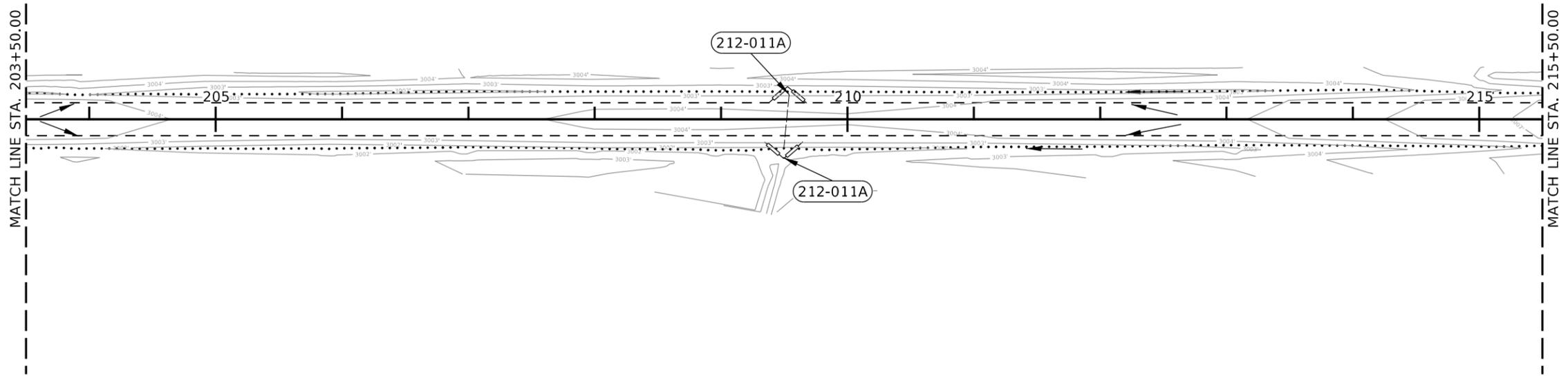
POLLUTION PREVENTION PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
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SHEET	65 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 209+54.86 LT
 40 FT STA. 209+49.04 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW
 DESIGN CHECKED H. NELSON
 DETAILED G. FALLAR
 DRAWING CHECKED C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 21981 eras 007.dgn
 DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



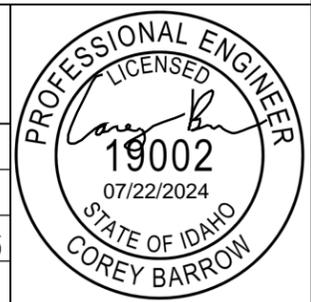
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

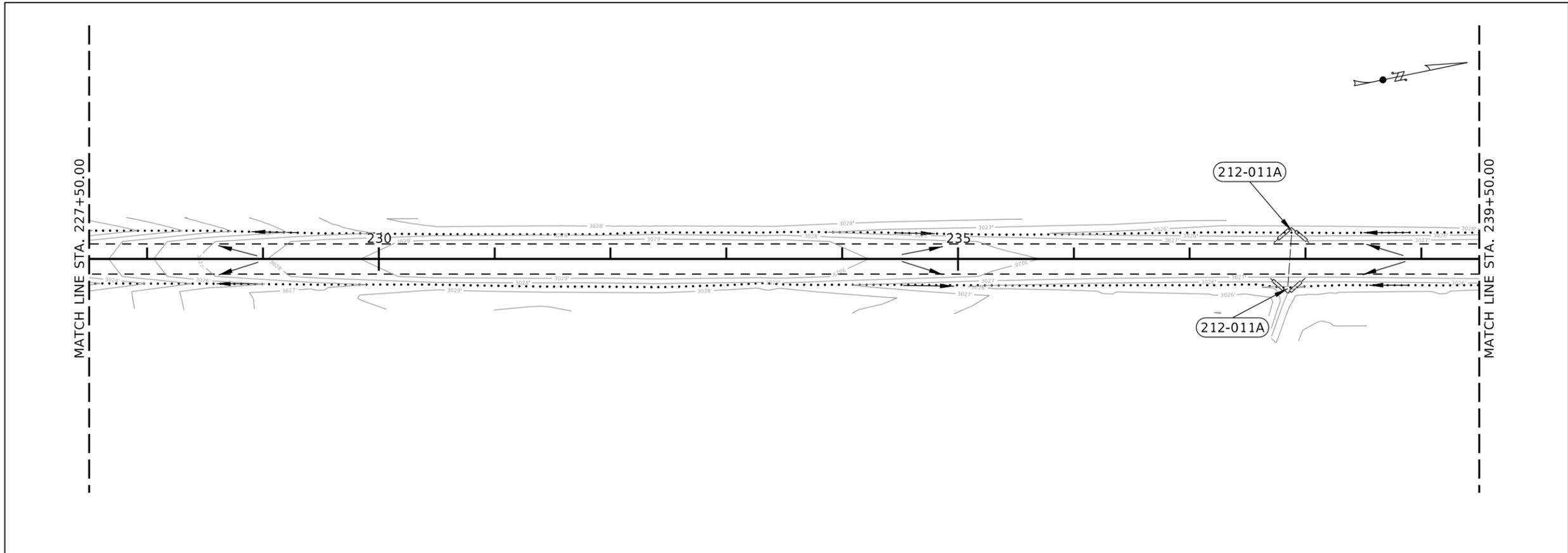
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

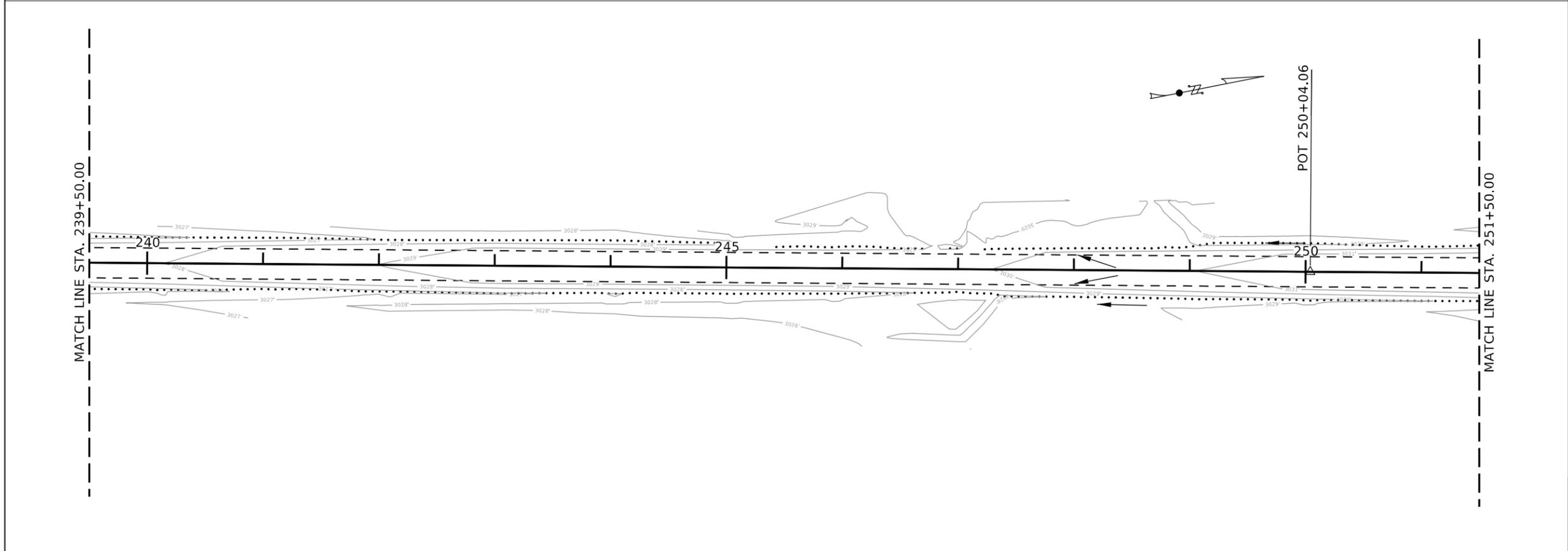
POLLUTION PREVENTION PLAN
 SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
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(212-011A)	FIBER WATTLES
40 FT	STA. 237+88.11 LT
40 FT	STA. 237+84.74 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 009.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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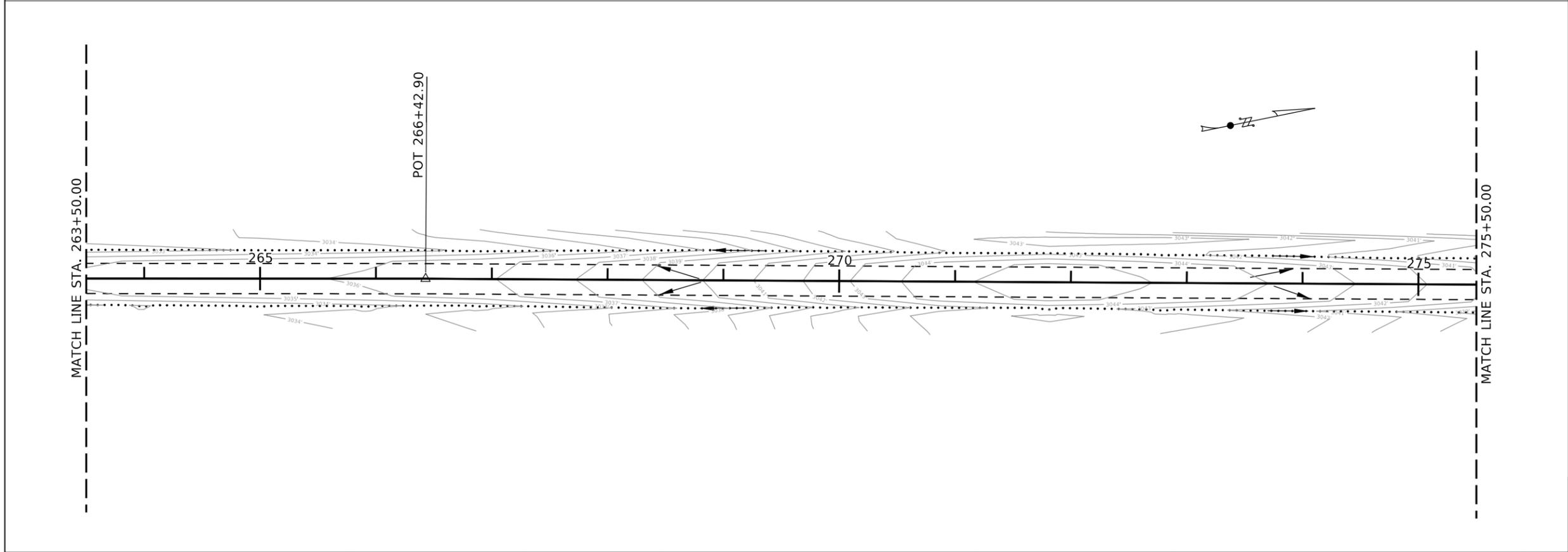
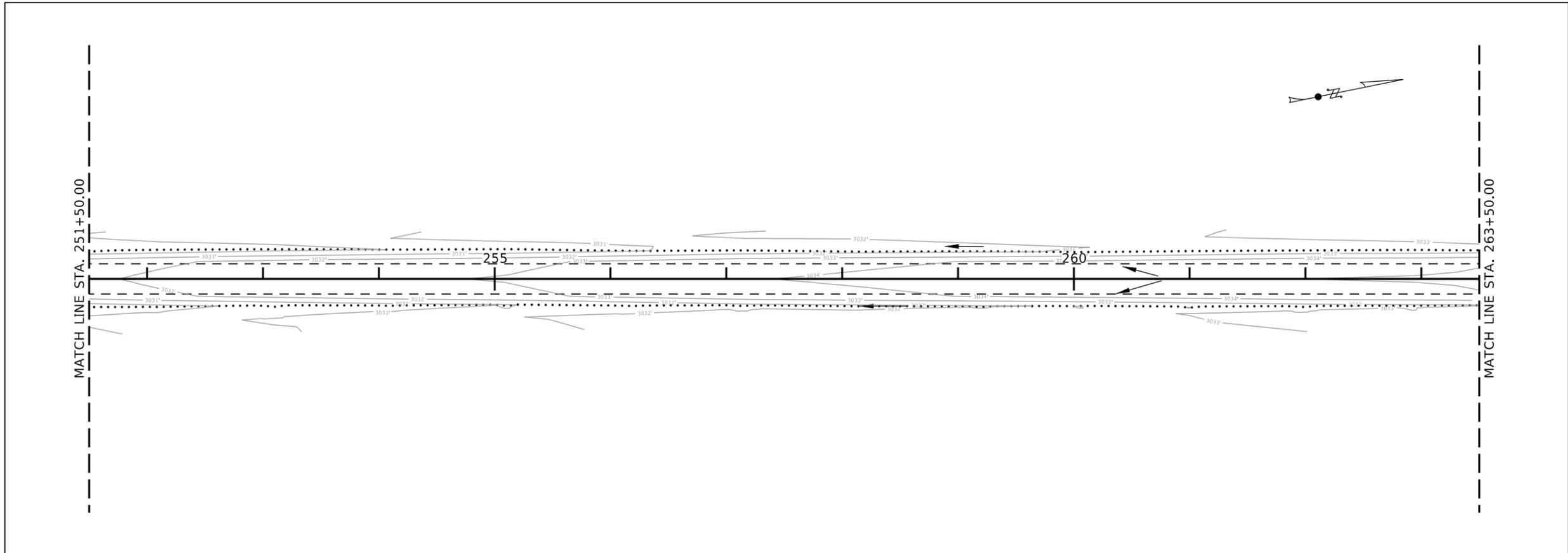
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 67 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 21981 eros 011.dgn

DRAWING DATE: 22-JUL-2024

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH

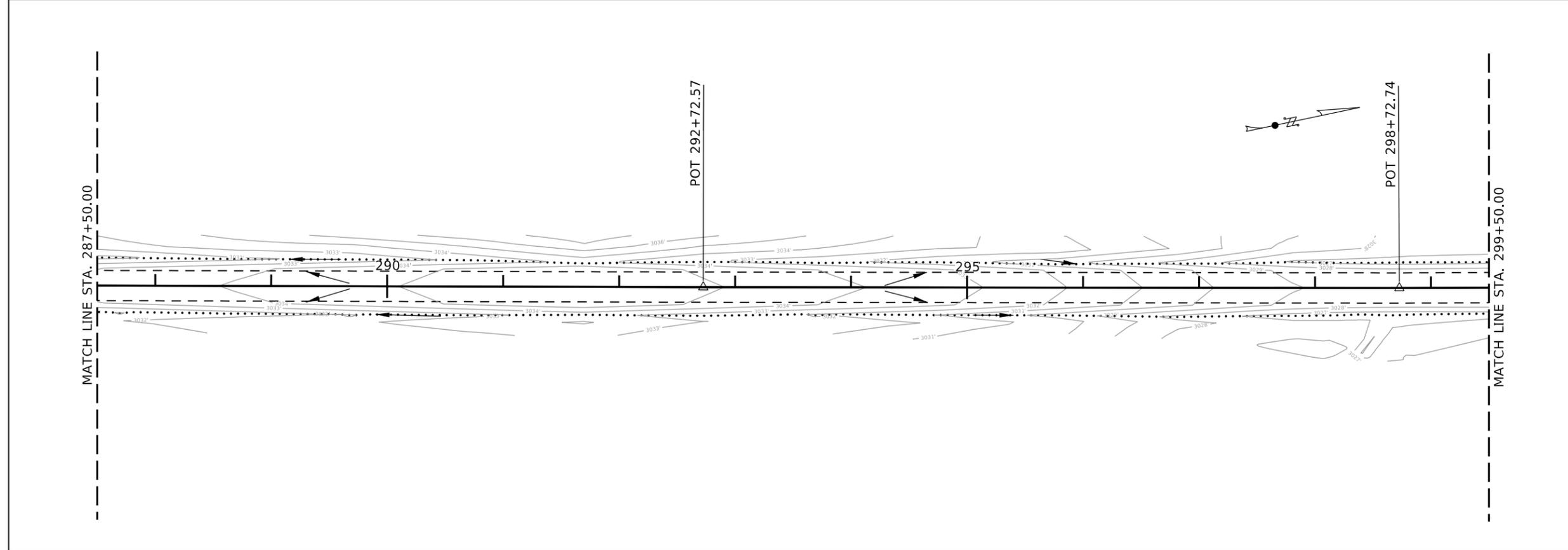
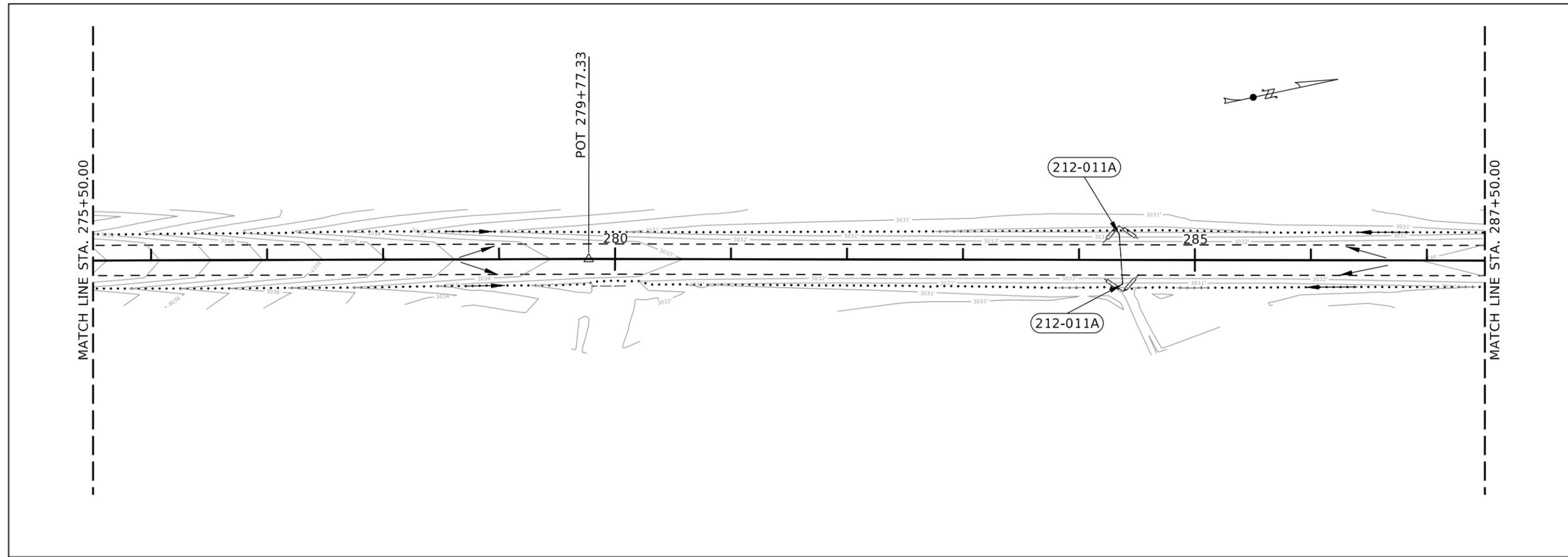
COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 68 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 284+34.72 LT
 40 FT STA. 284+37.63 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 013.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT**

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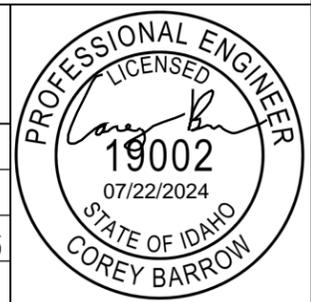


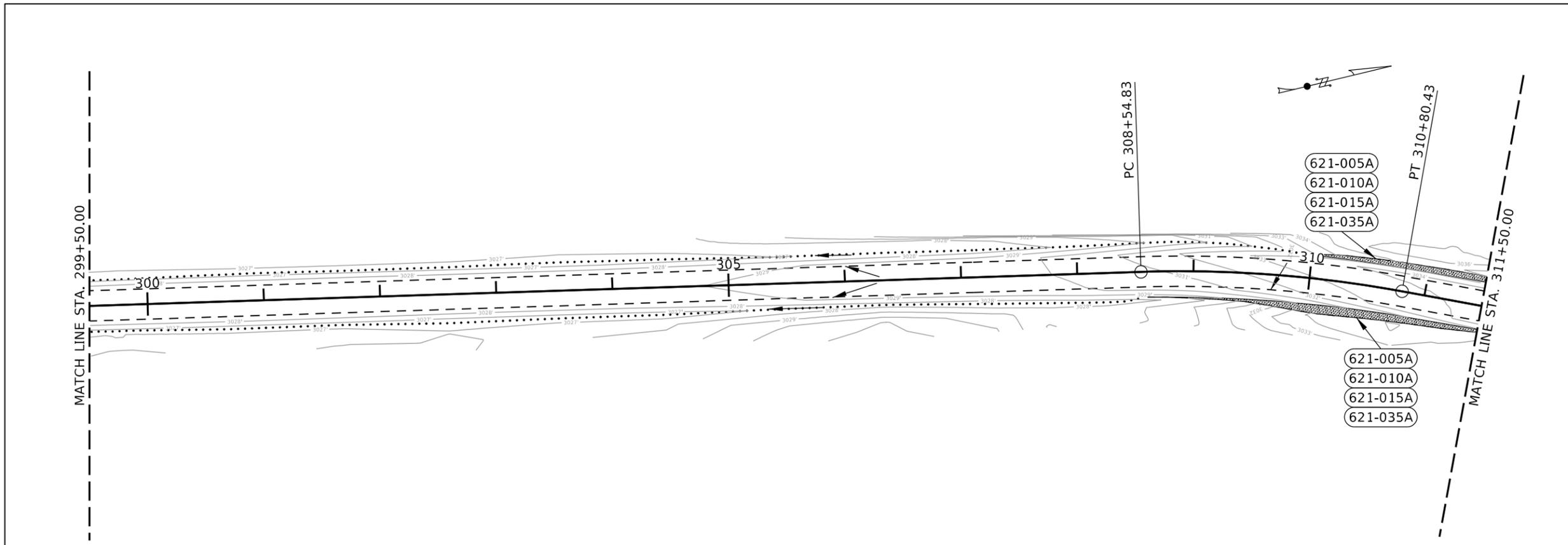
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A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

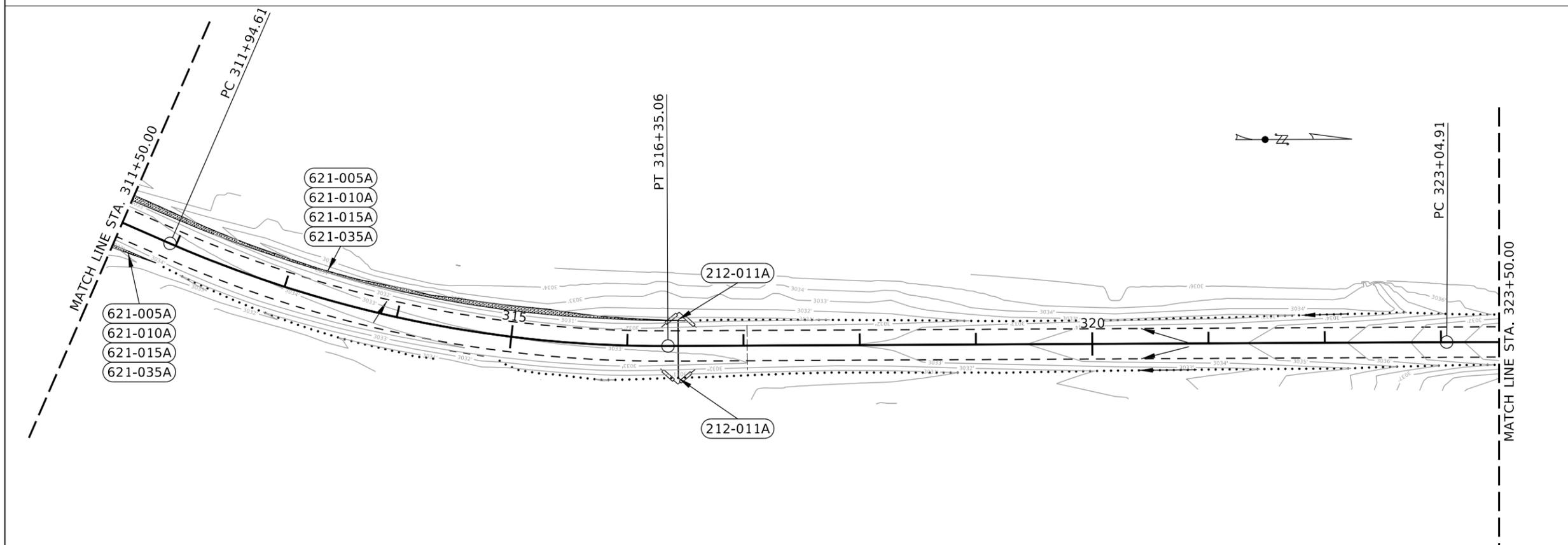
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	69 OF 143





- (212-011A) FIBER WATTLES
40 FT STA. 316+43.82 LT
40 FT STA. 316+43.82 RT
 - (621-005A) SEEDBED PREPARATION
 - (621-010A) SEEDING
 - (621-015A) MULCHING
 - (621-035A) FERTILIZING
- 0.072 ACRE
- STA. 309+93.54 - 311+50.00 LT
 - STA. 311+50.00 - 316+50.00 LT
 - STA. 308+60.00 - 311+50.00 RT
 - STA. 311+50.00 - 311+90.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eras 015.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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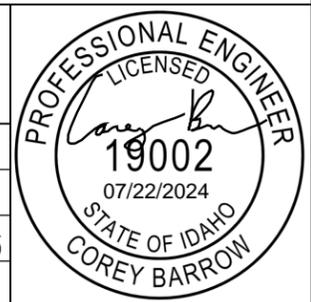
HMH engineering

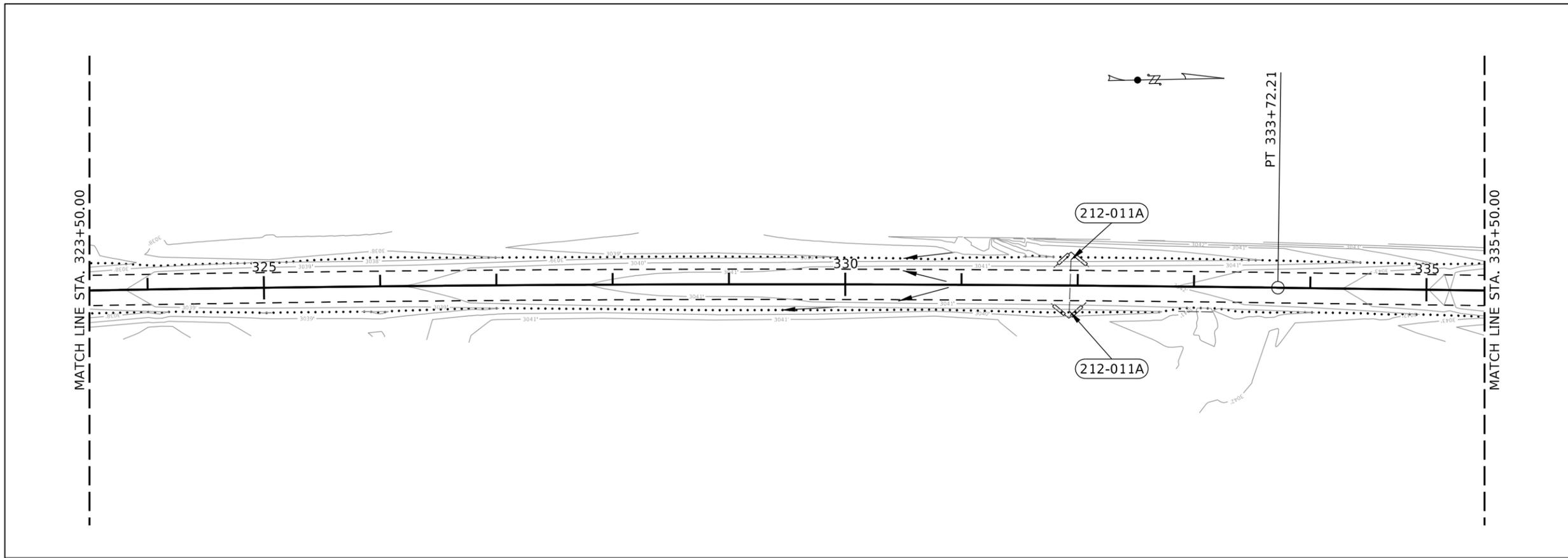
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

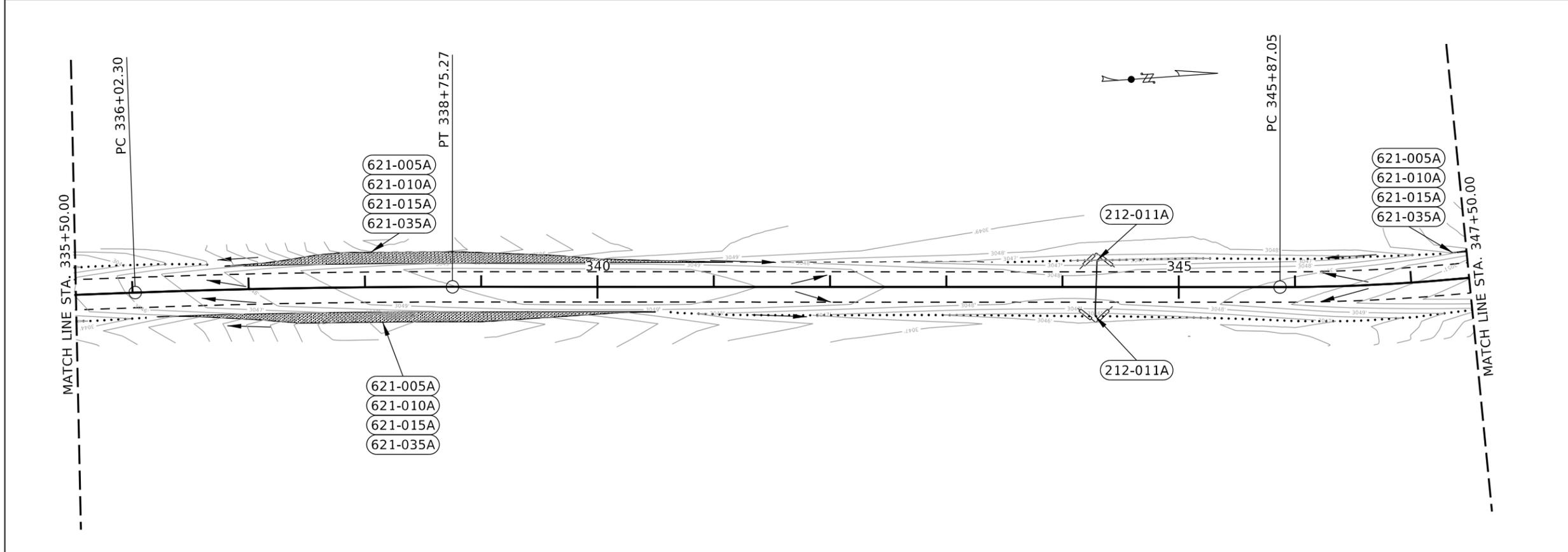
ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	70 OF 143





- (212-011A) FIBER WATTLES
- 40 FT STA. 331+95.17 LT
- 40 FT STA. 331+92.87 LT
- 40 FT STA. 344+29.70 LT
- 40 FT STA. 344+28.06 RT

- (621-005A) SEEDBED PREPARATION
- (621-010A) SEEDING
- (621-015A) MULCHING
- (621-035A) FERTILIZING
- 0.110 ACRE
- STA. 336+80.00 - 341+10.00 LT
- STA. 347+35.66 - 347+50.00 LT
- STA. 336+21.30 - 340+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 017.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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TRANSPORTATION
DEPARTMENT

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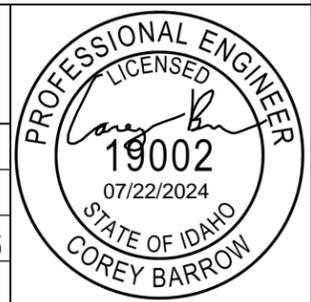
HMH engineering

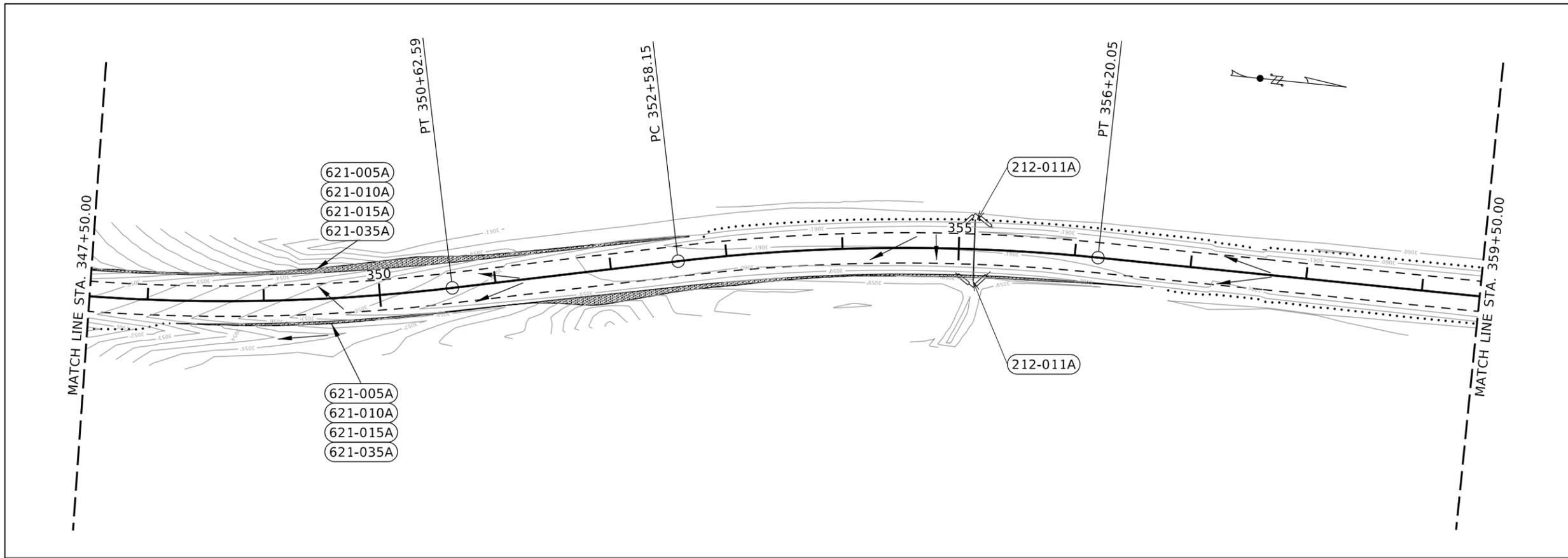
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

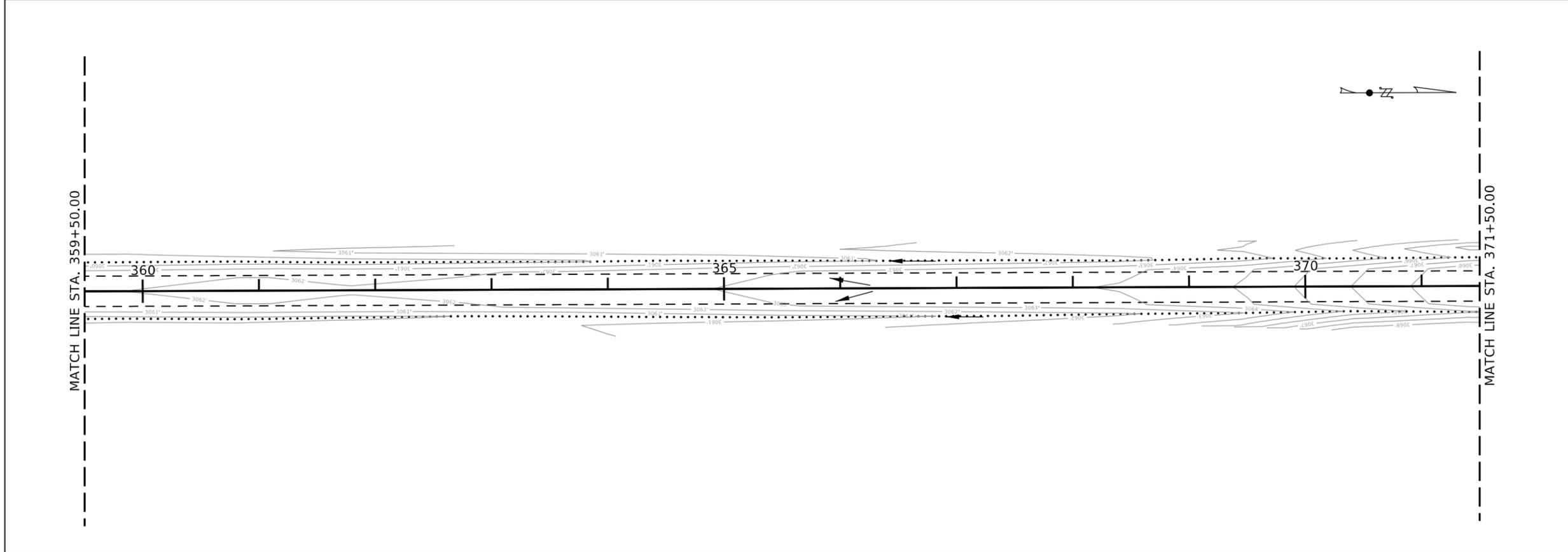
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	71 OF 143





- (212-011A) FIBER WATTLE
40 FT STA. 355+13.30 LT
40 FT STA. 355+13.41 RT
 - (621-005A) SEEDBED PREPARATION
 - (621-010A) SEEDING
 - (621-015A) MULCHING
 - (621-035A) FERTILIZING
- 0.076 ACRE
STA. 347+50.00 - 352+70.00 LT
STA. 348+25.78 - 356+60.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 eros 019.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

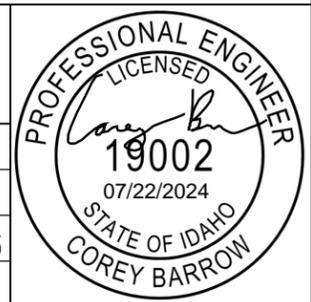
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

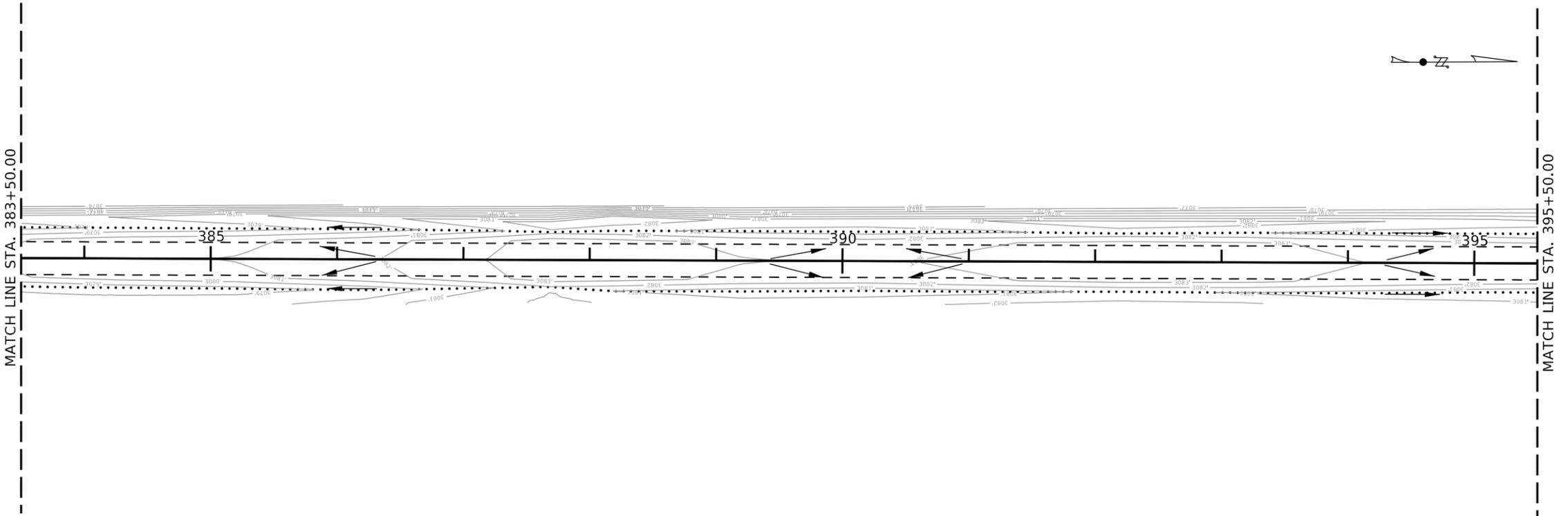
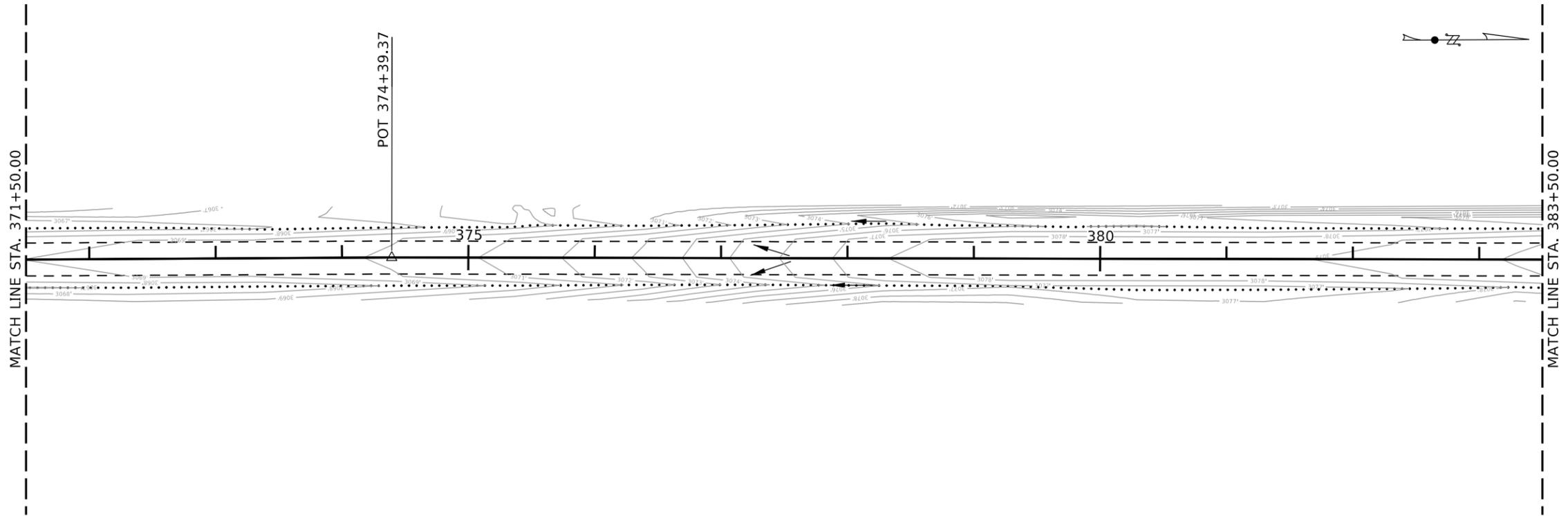
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 72 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 eras 021.dgn

DRAWING DATE:
22-JUL-2024

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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

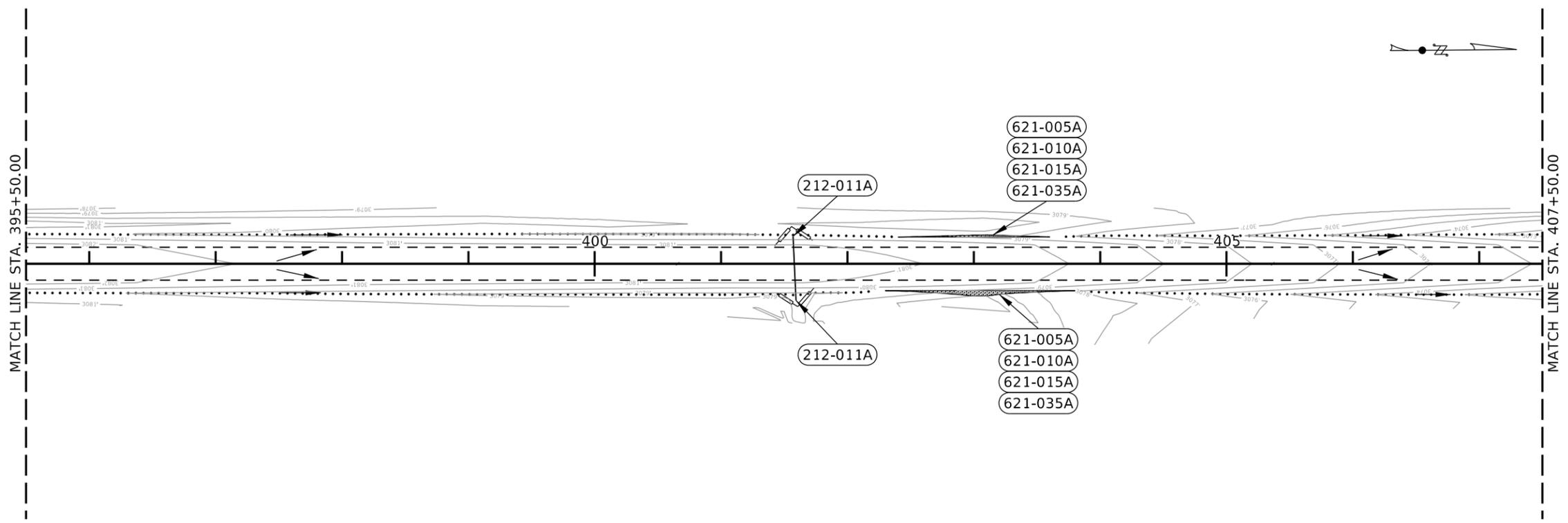
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COUNTY ELMORE

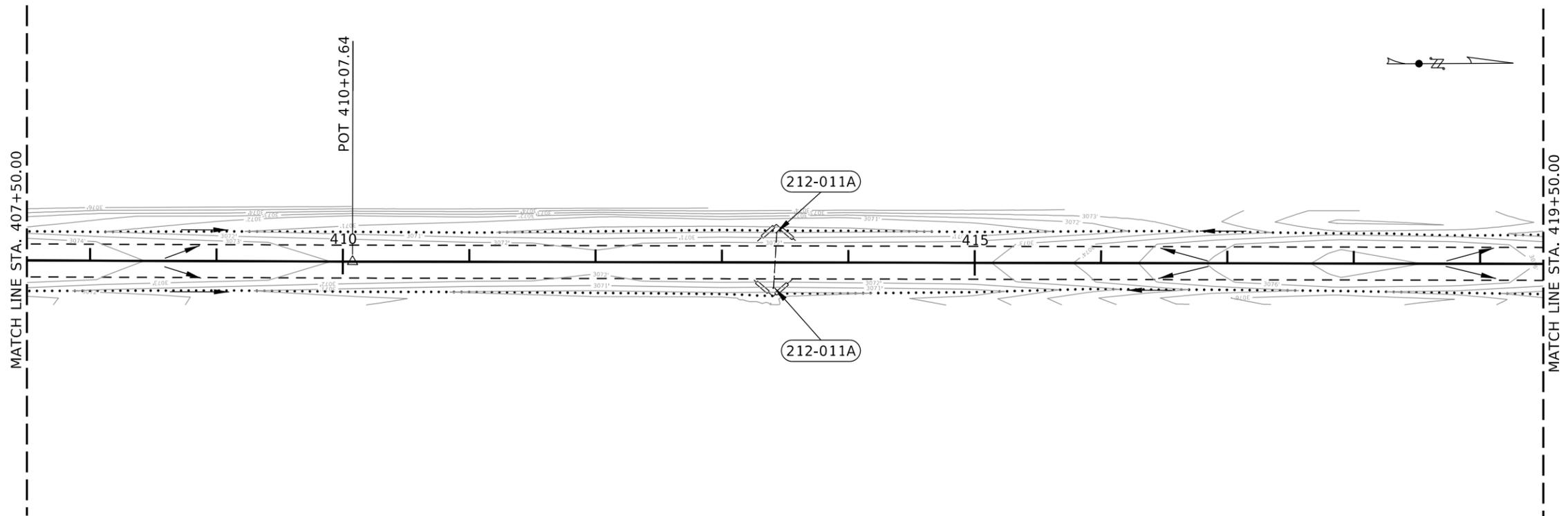
KEY NUMBER 21981
22879 23746 24280

SHEET 73 OF 143





- (212-011A) FIBER WATTLES
- 40 FT STA. 401+56.99 LT
- 40 FT STA. 401+59.31 RT
- 40 FT STA. 413+40.92 RT
- 40 FT STA. 413+43.22 LT
- (621-005A) SEEDBED PREPARATION
- (621-010A) SEEDING
- (621-015A) MULCHING
- (621-035A) FERTILIZING
- 0.009 ACRE
- STA. 402+40.00 - 403+60.00 LT
- STA. 402+30.00 - 403+80.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 eros 023.dgn

DRAWING DATE: 22-JUL-2024

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PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

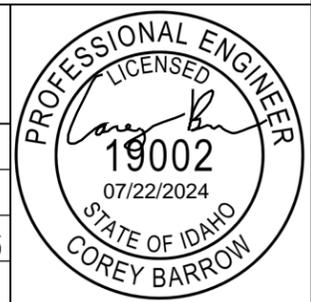
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH

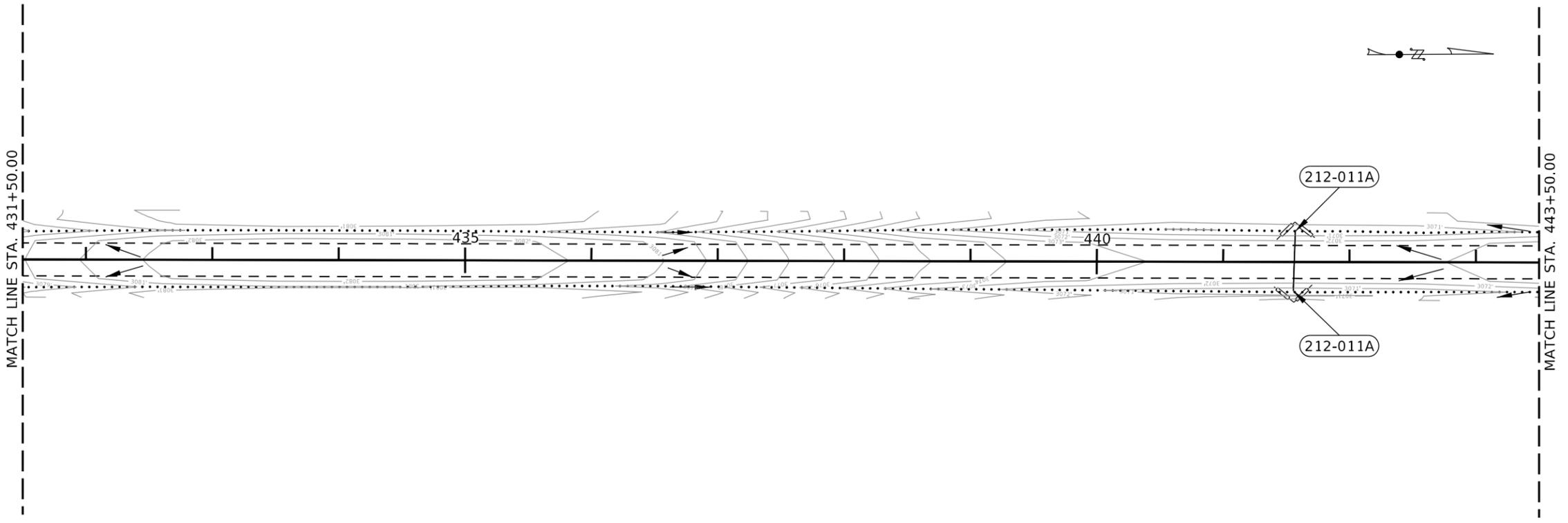
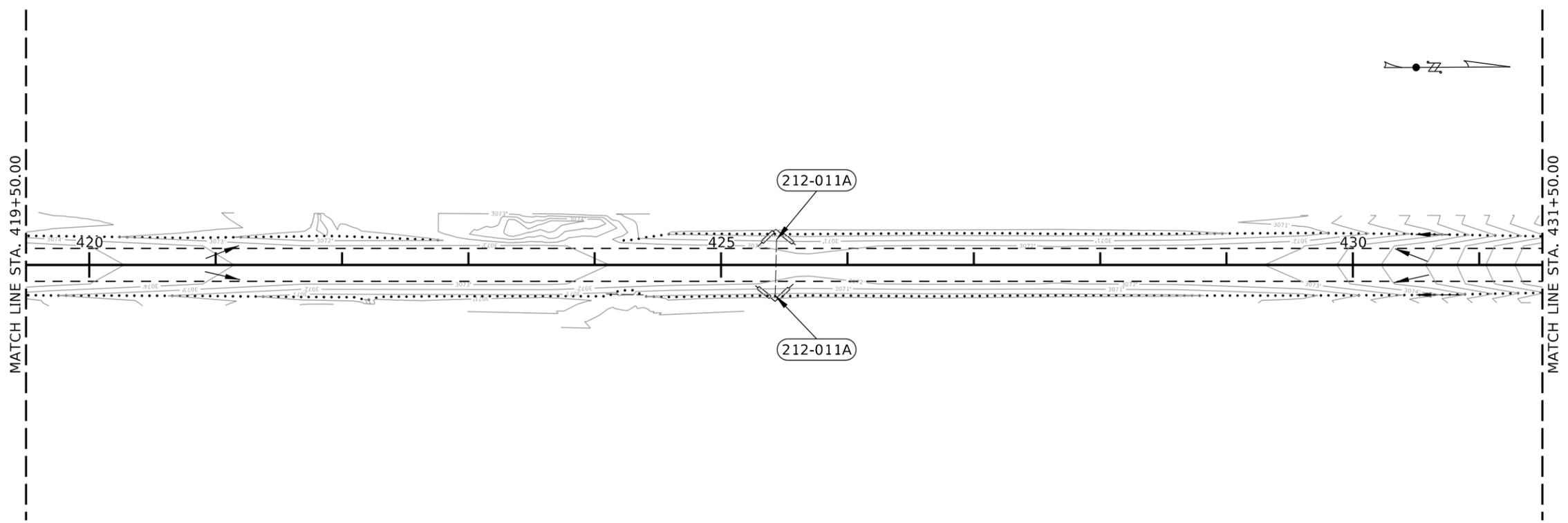
COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 74 OF 143



(212-011A)	FIBER WATTLES
40 FT	STA. 425+43.88 LT
40 FT	STA. 425+42.78 LT
40 FT	STA. 441+56.98 RT
40 FT	STA. 441+55.40 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eras 025.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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TRANSPORTATION
DEPARTMENT

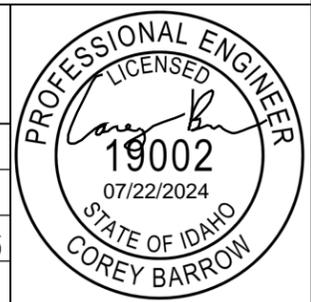

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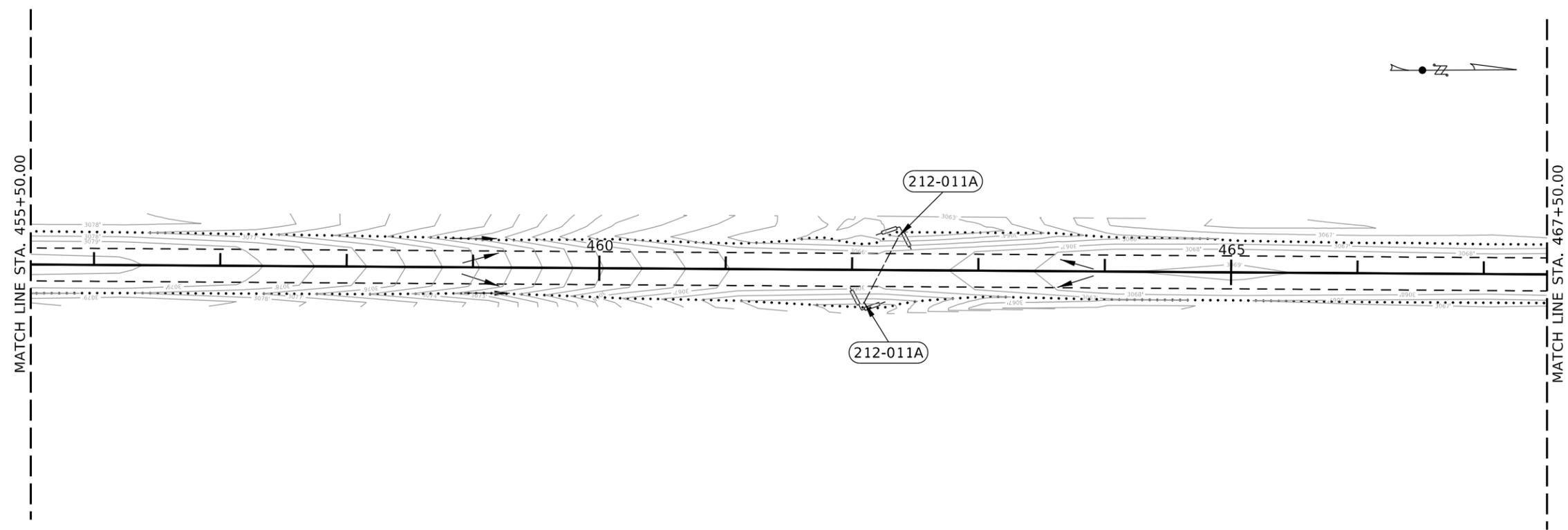
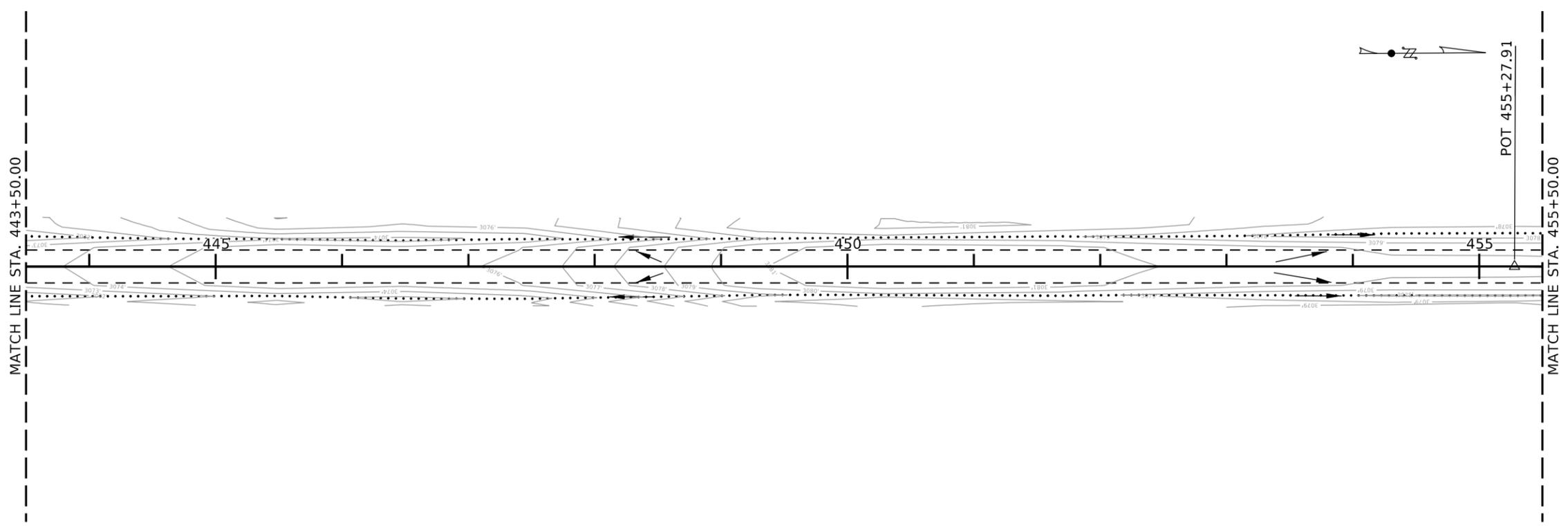
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
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(212-011A) FIBER WATTLES
 40 FT STA. 462+36.93 LT
 40 FT STA. 462+09.85 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 027.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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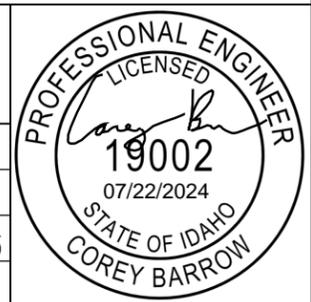
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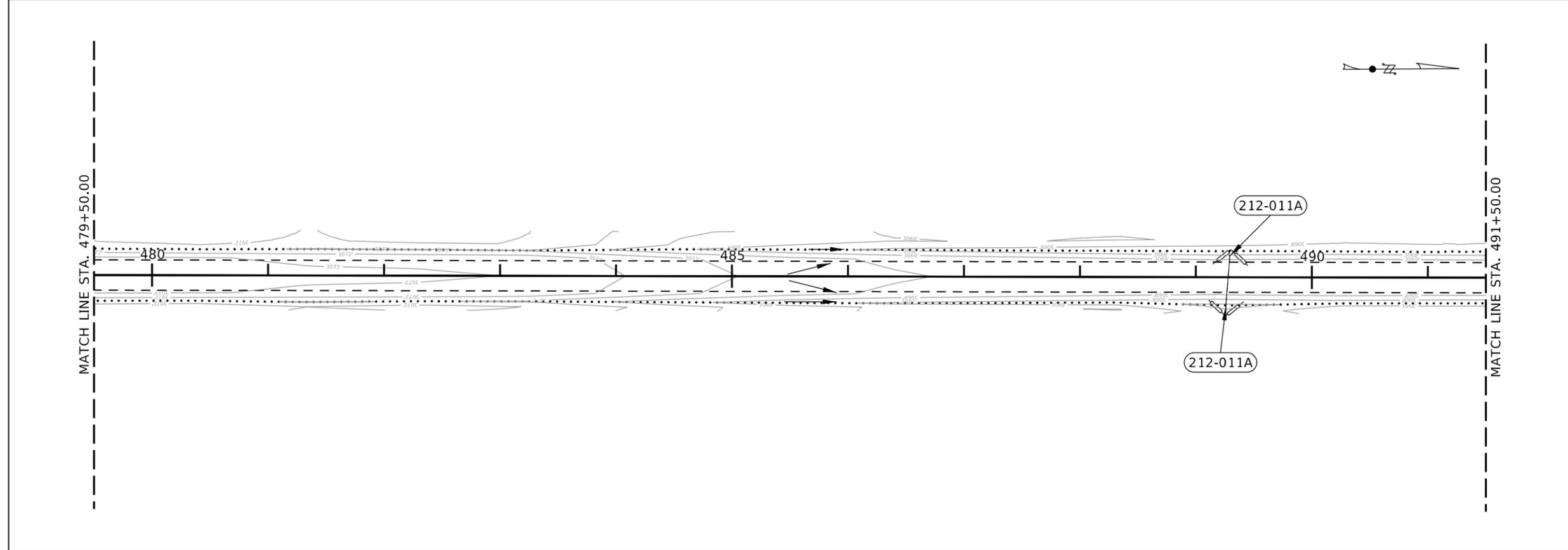
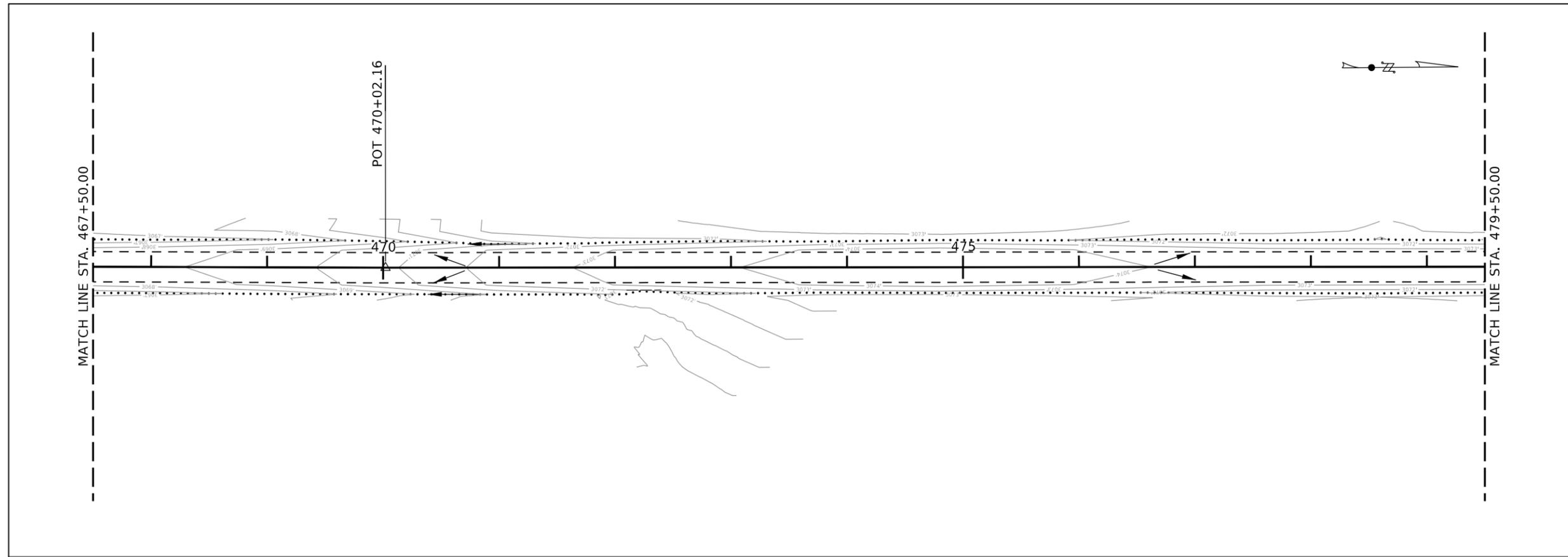
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	76 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 489+29.10 LT
 40 FT STA. 489+25.80 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME
 21981 eros 029.dgn

DRAWING DATE:
 22-JUL-2024

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

POLLUTION PREVENTION PLAN

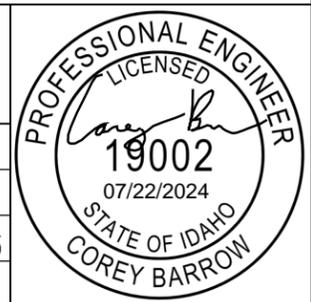
**SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT**

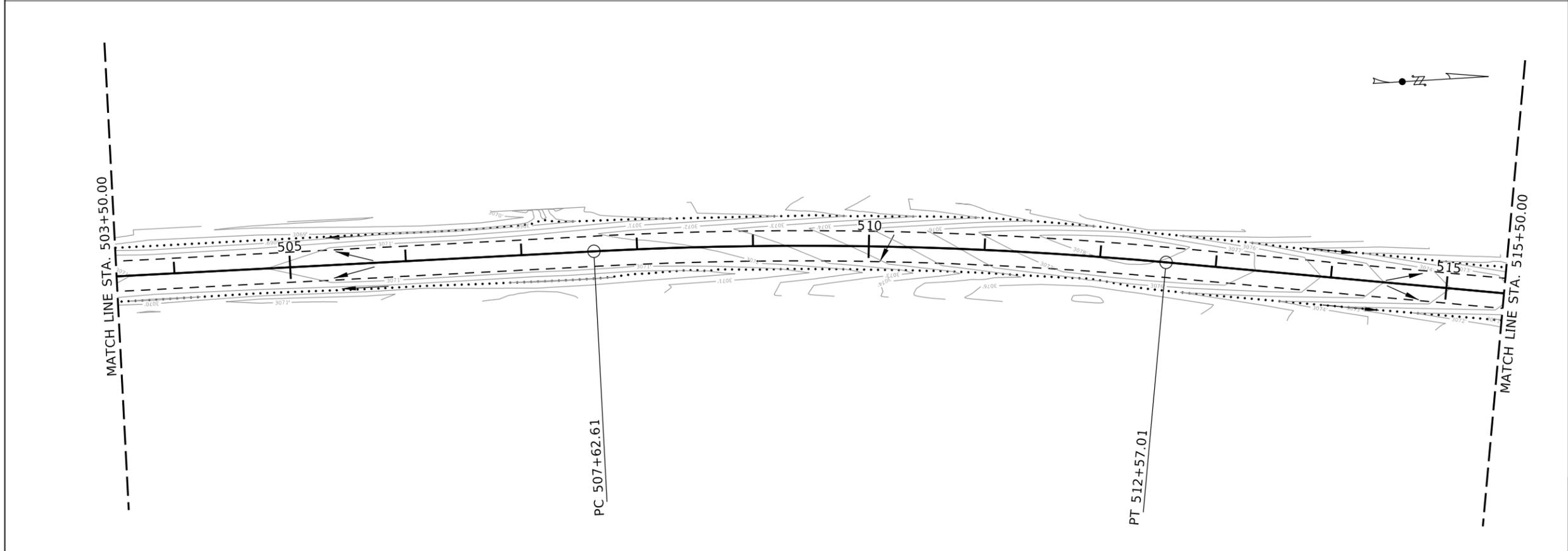
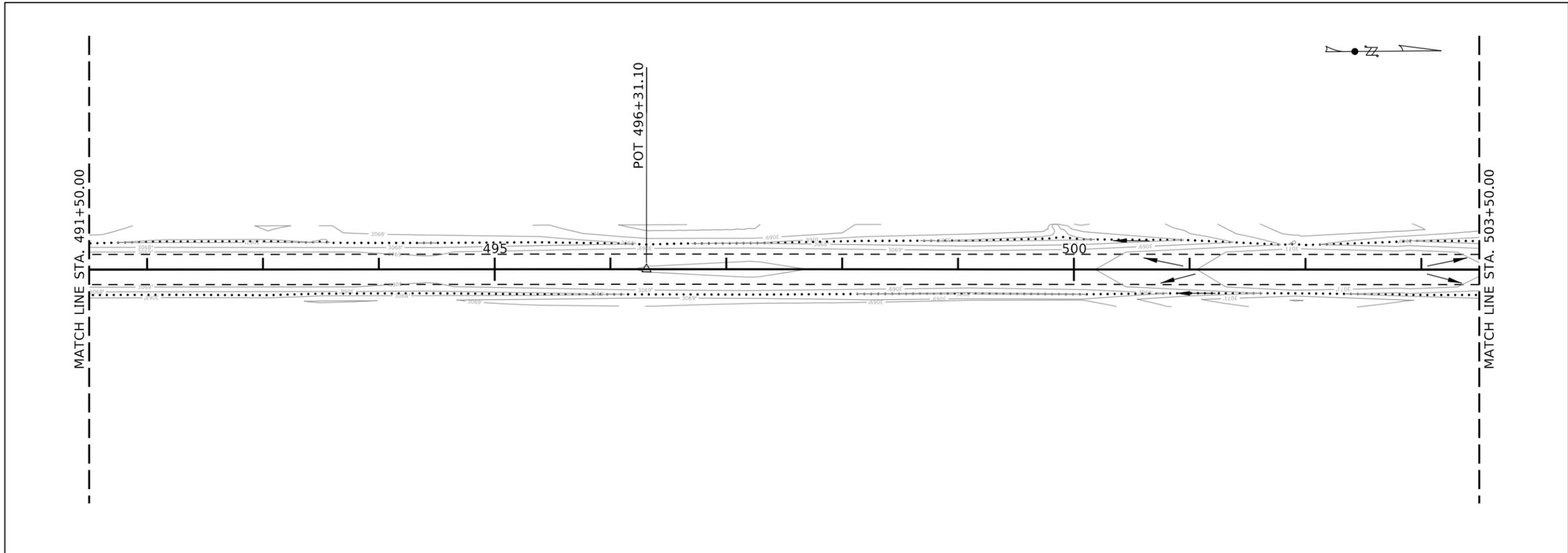
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 77 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros_031.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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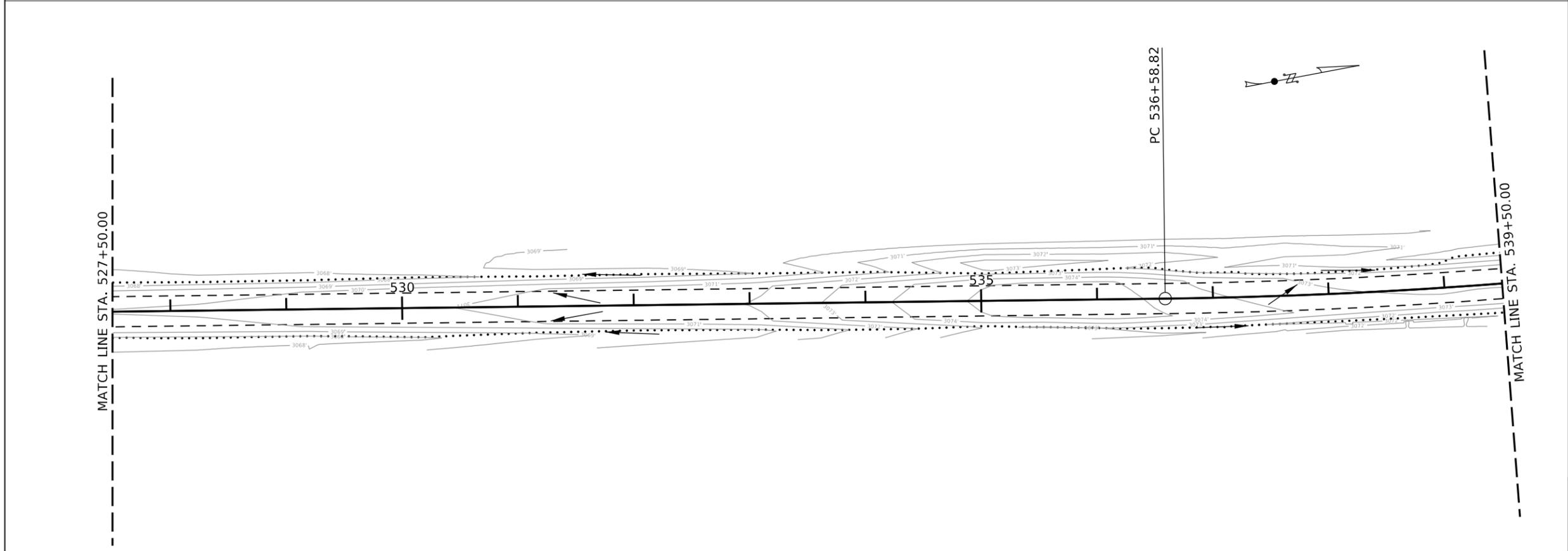
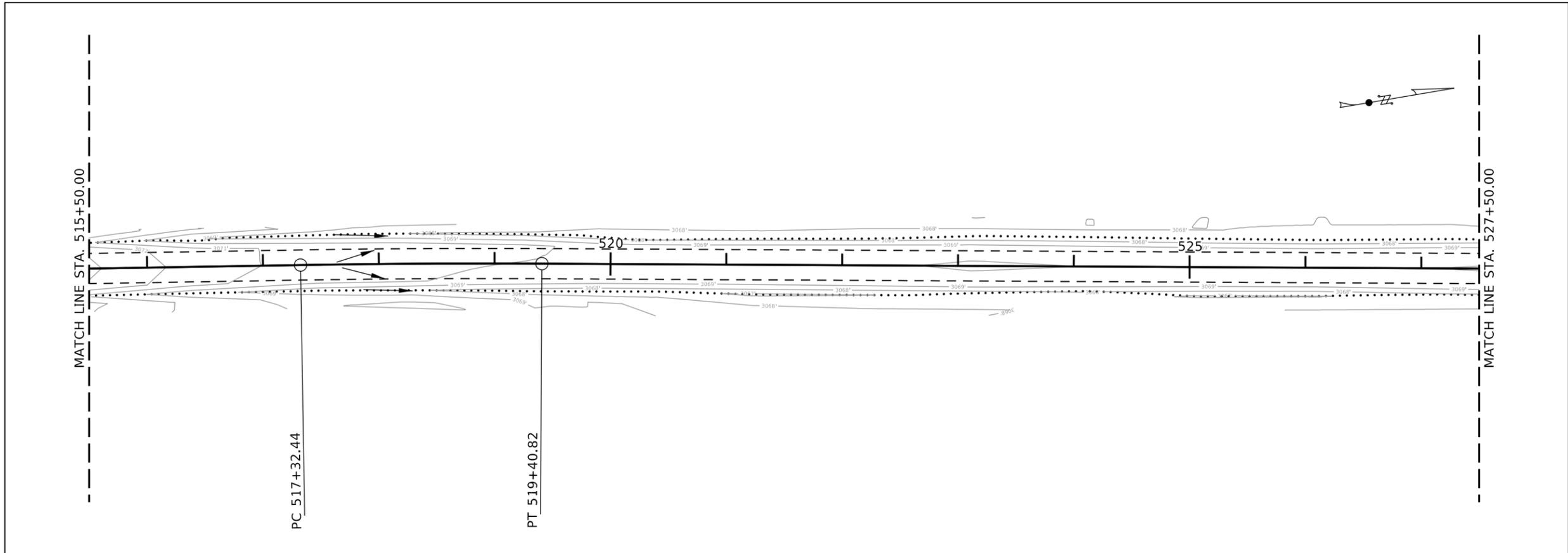
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 78 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME
DRAWING CHECKED	C. BARROW	21981 eras_033.dgn
		DRAWING DATE:
		22-JUL-2024

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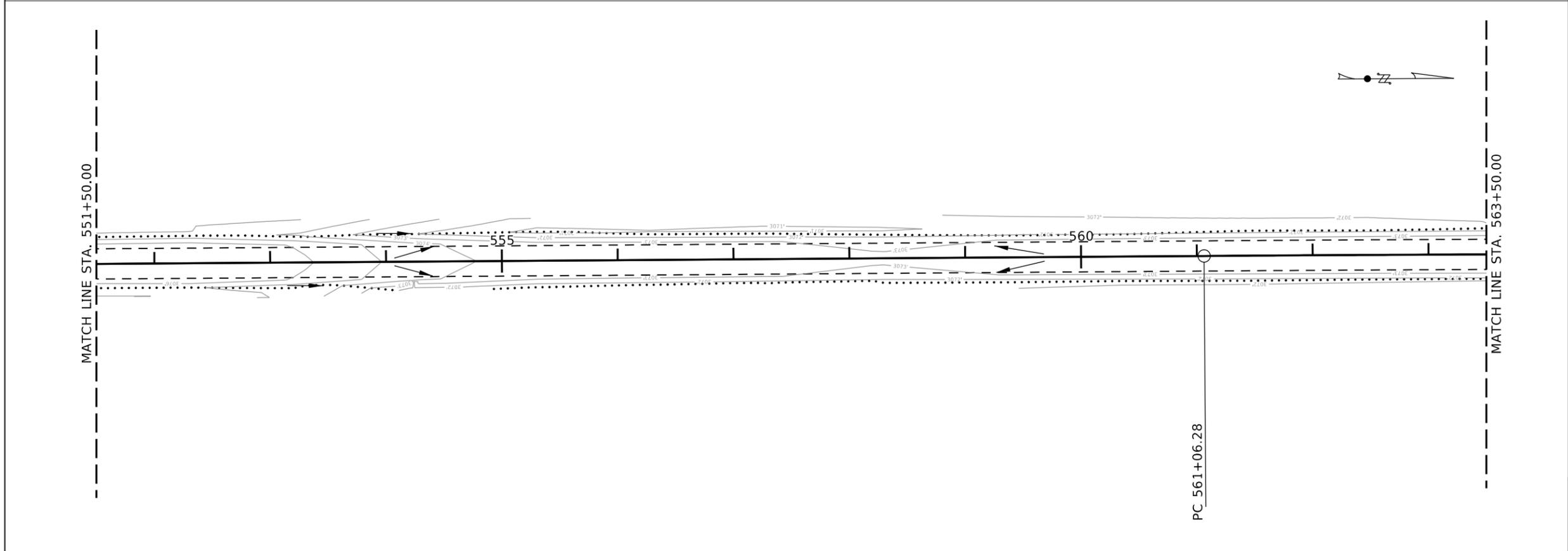
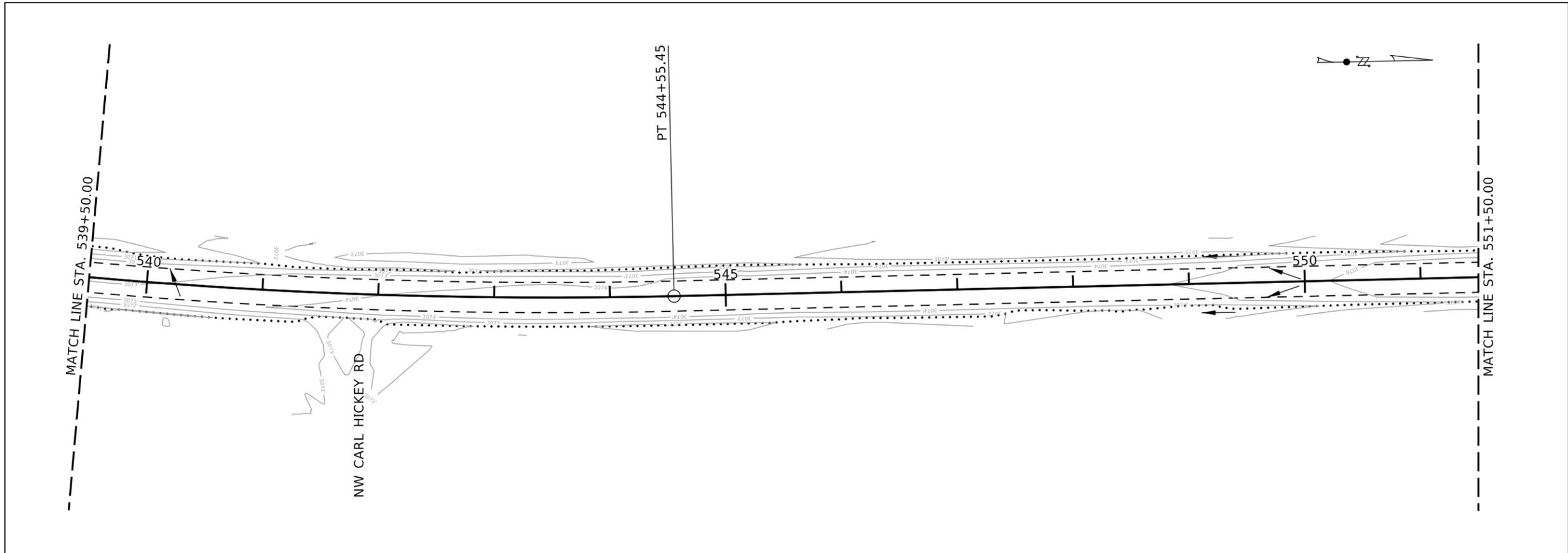
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	79 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eras_035.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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TRANSPORTATION
DEPARTMENT

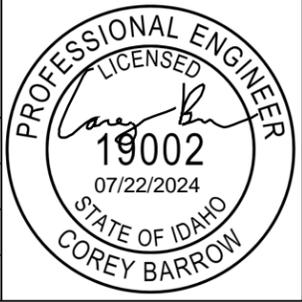
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

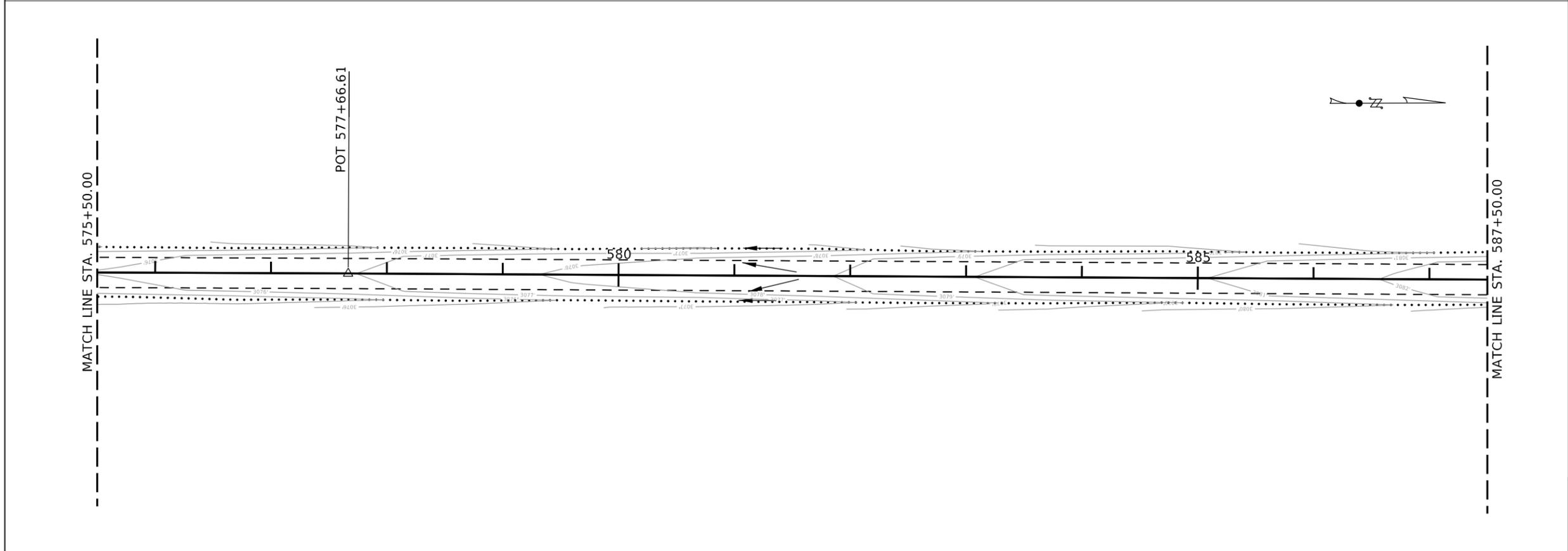
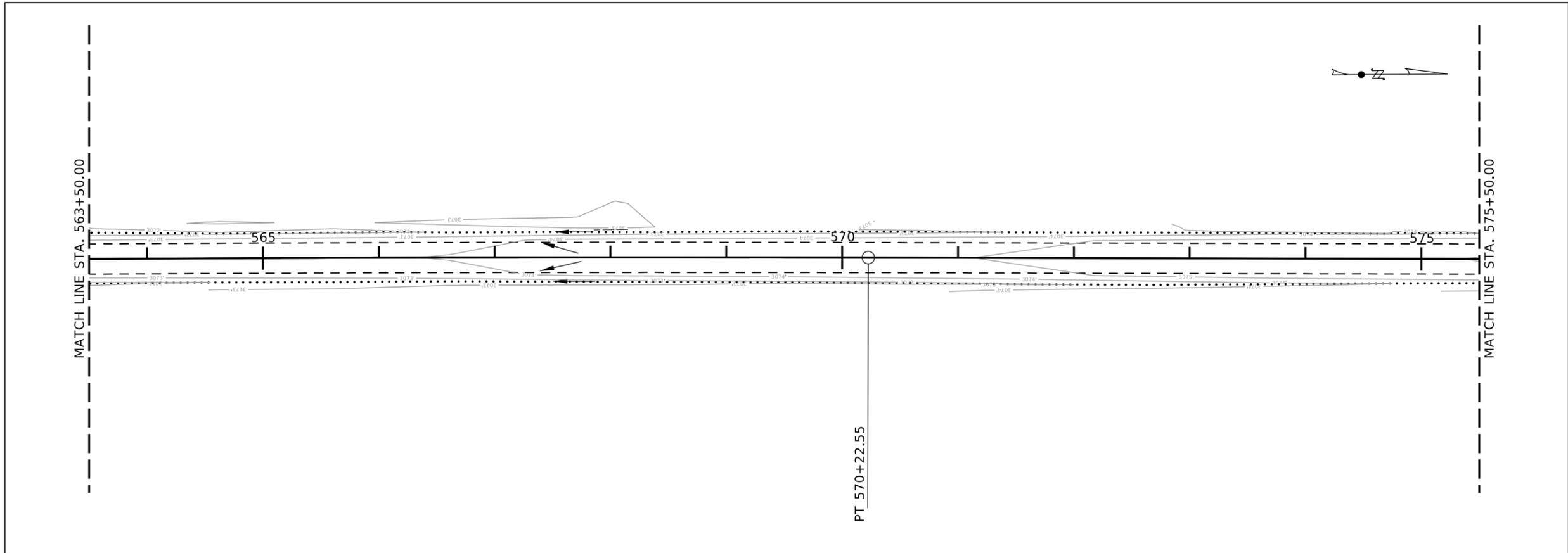
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 80 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 037.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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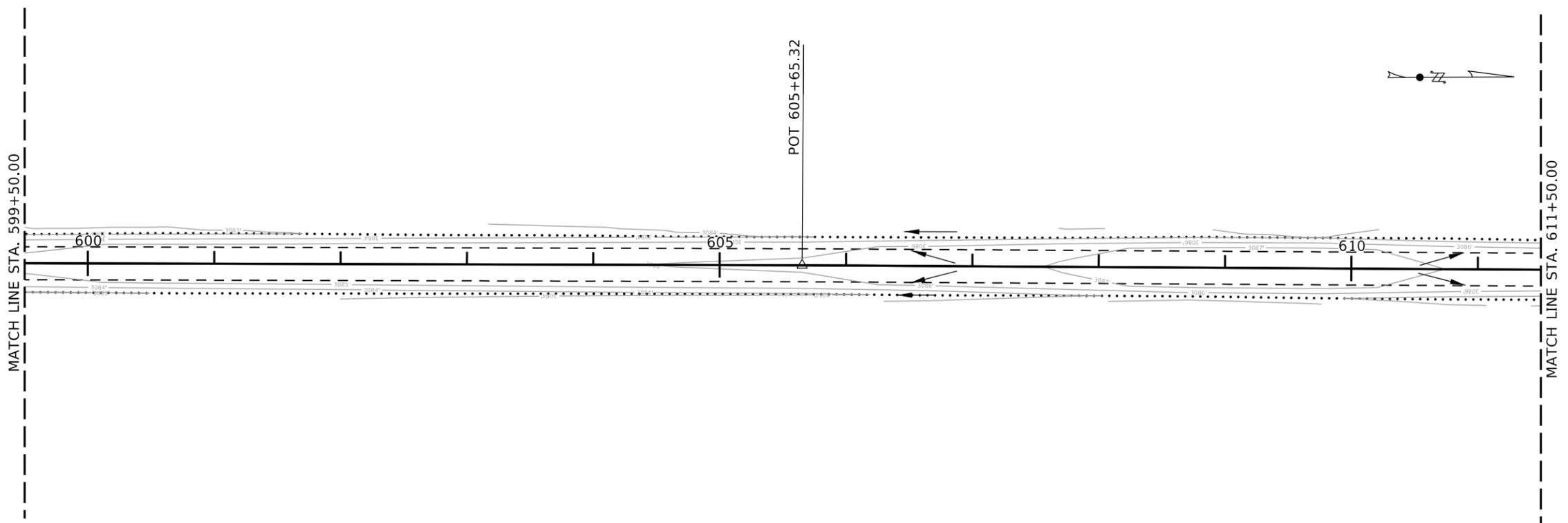
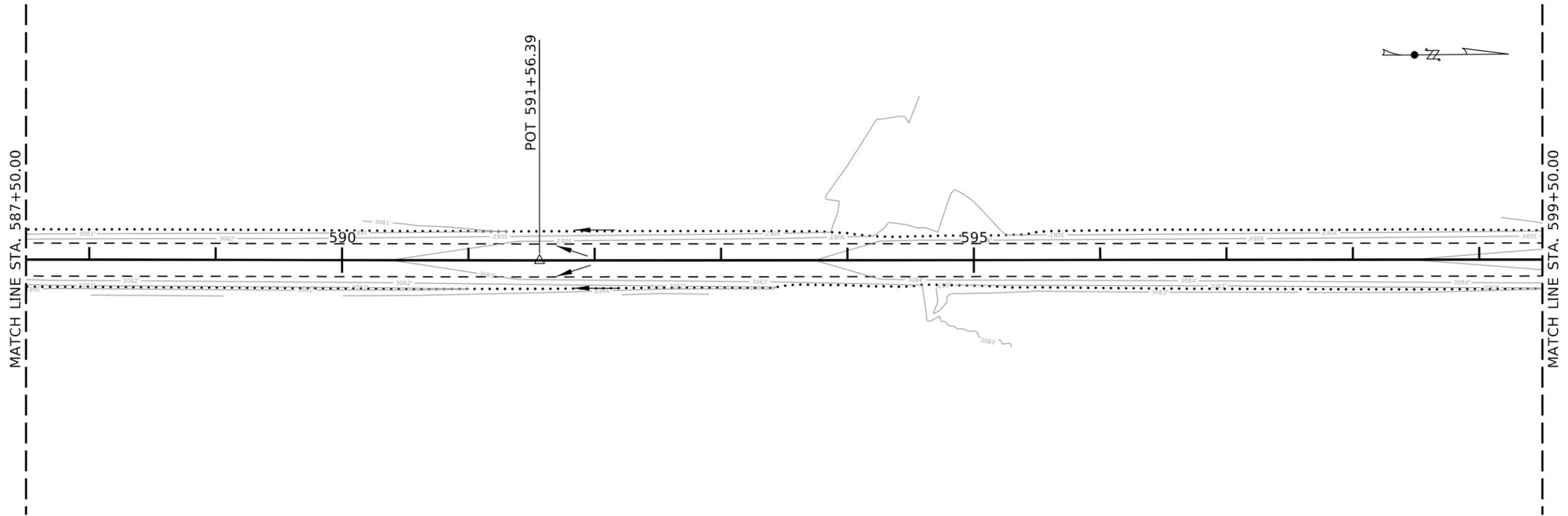
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	81 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 039.dgn
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TRANSPORTATION
DEPARTMENT

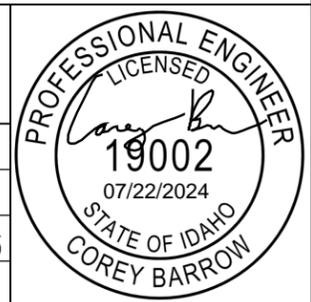
YOUR Safety--YOUR Mobility--YOUR Economic Opportunity

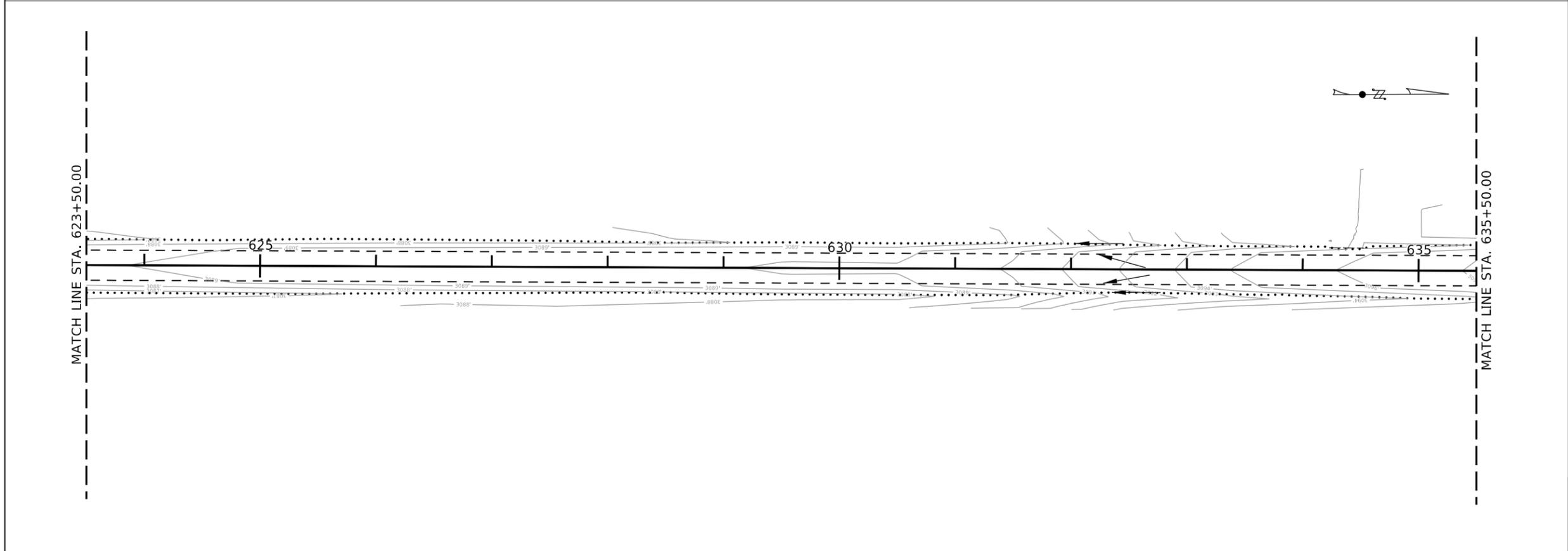
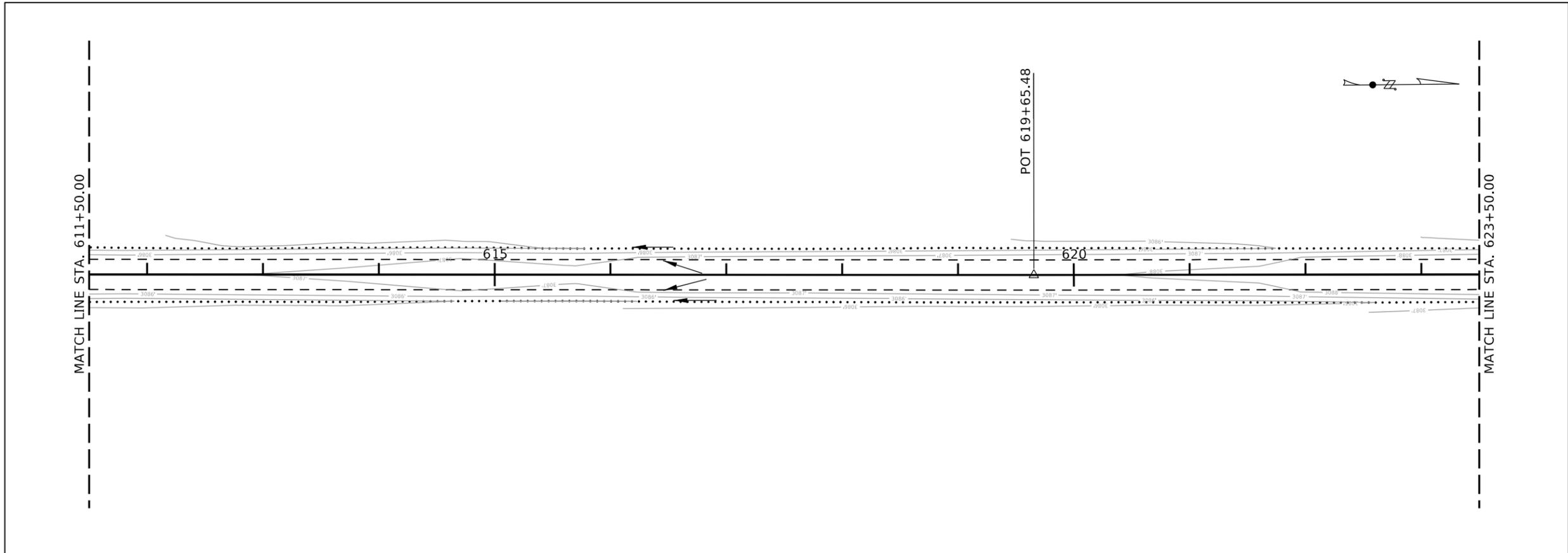
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 82 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 041.dgn
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TRANSPORTATION
DEPARTMENT

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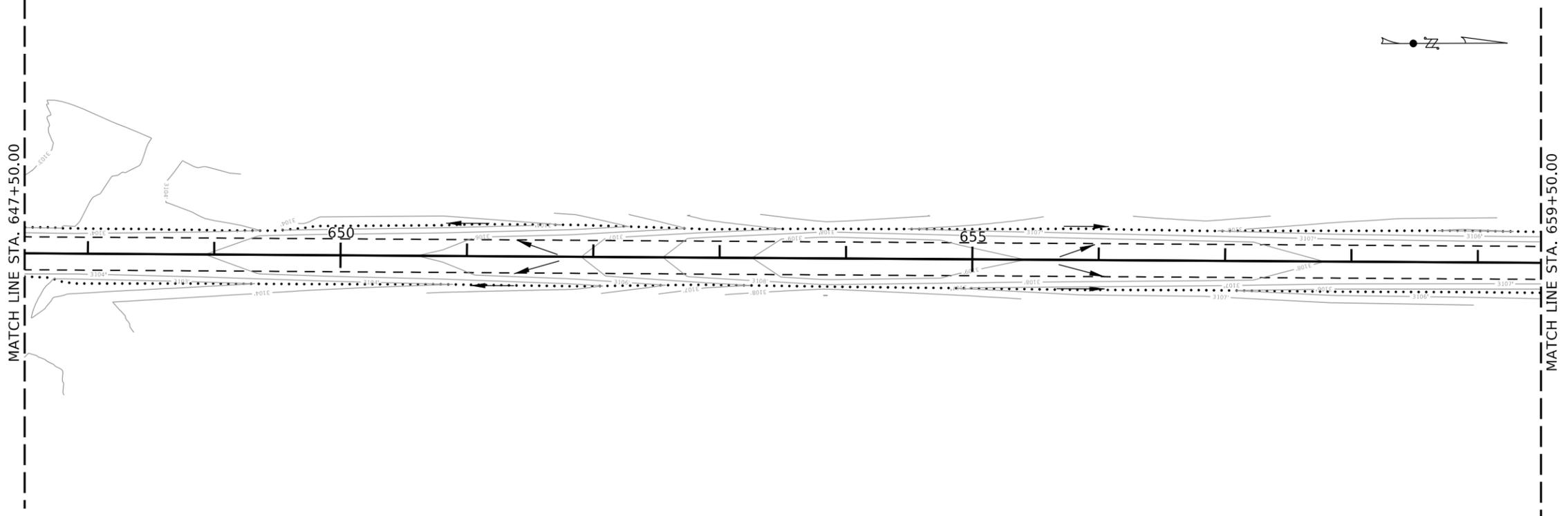
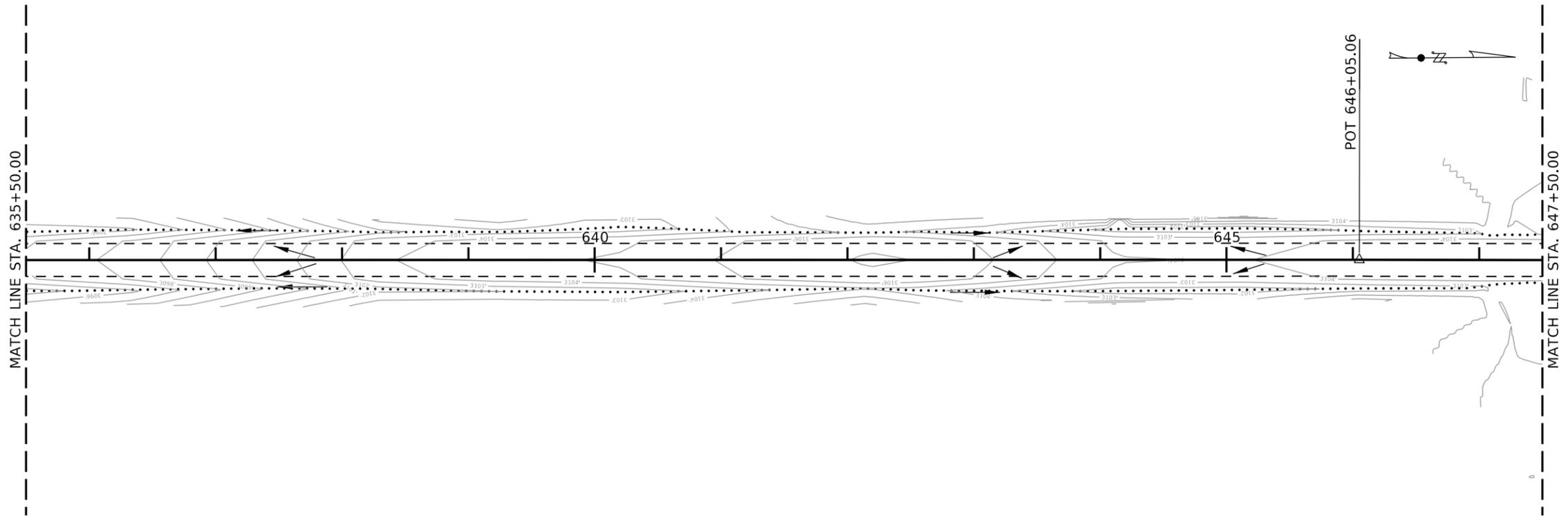
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	83 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 043.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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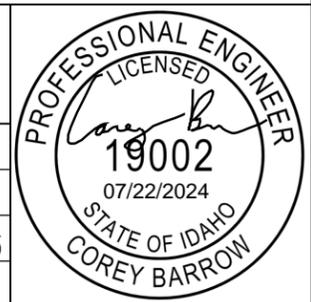


PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

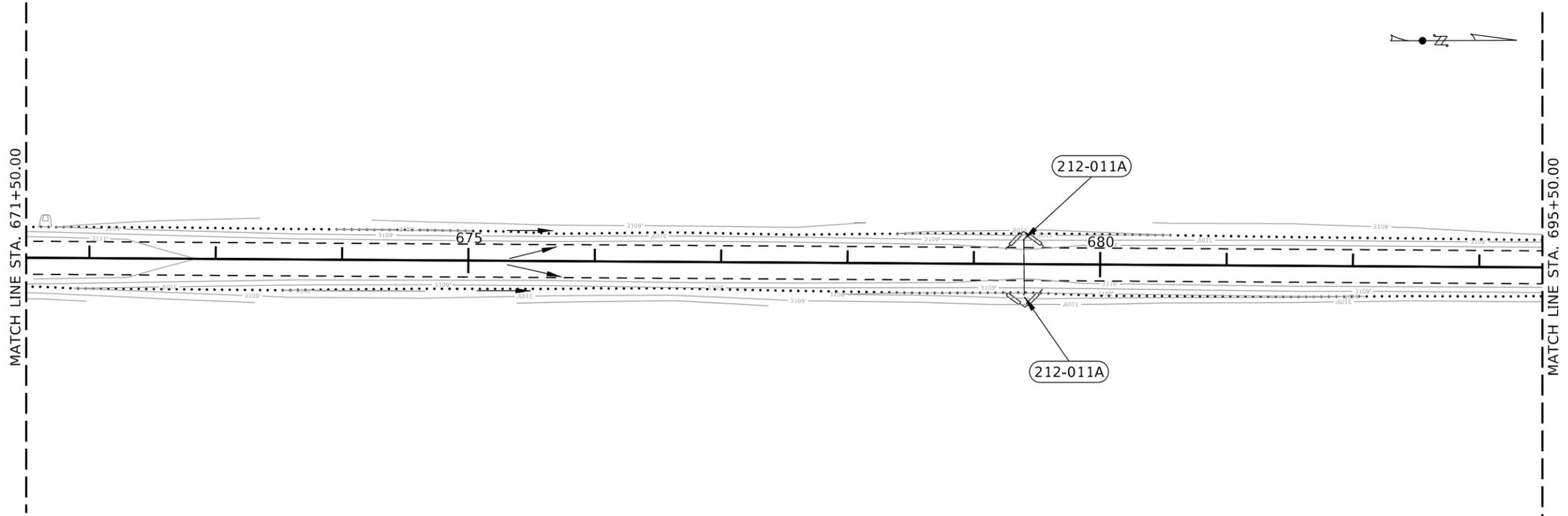
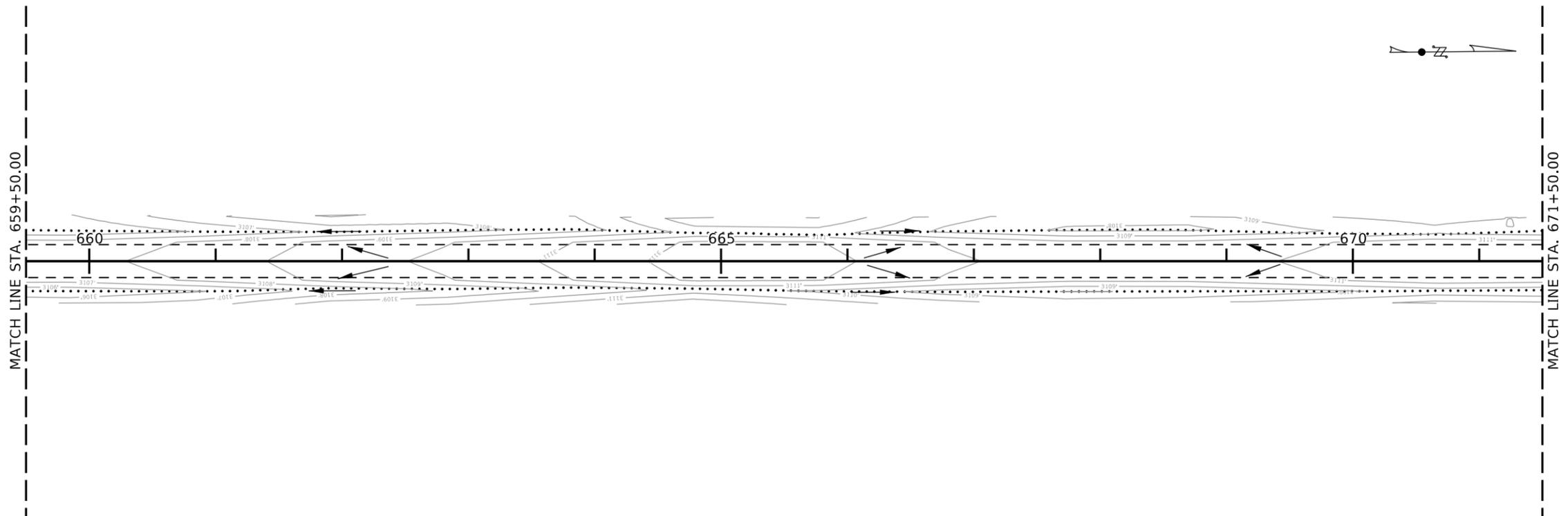
POLLUTION PREVENTION PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	84 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 679+39.43 LT
 40 FT STA. 679+40.06 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME
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DRAWING DATE:
 22-JUL-2024

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

POLLUTION PREVENTION PLAN

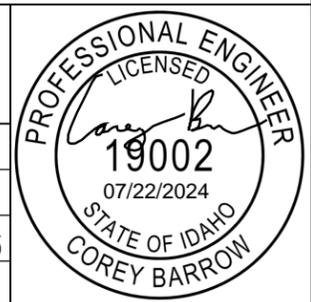
**SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT**

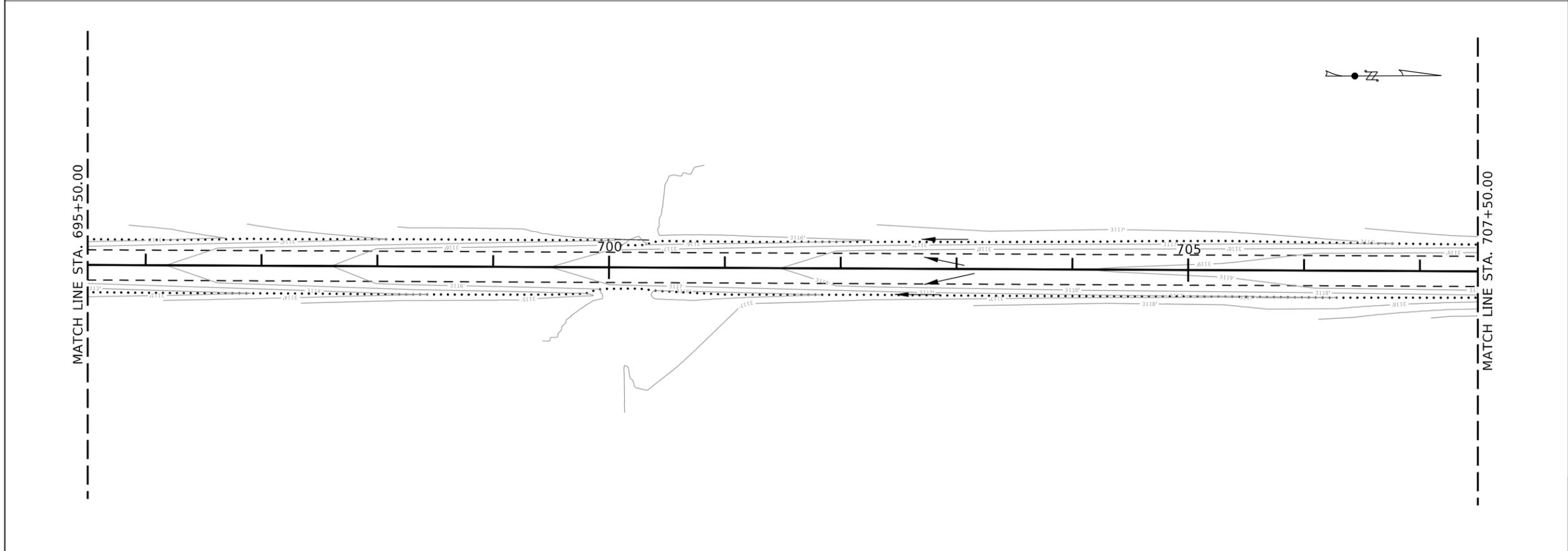
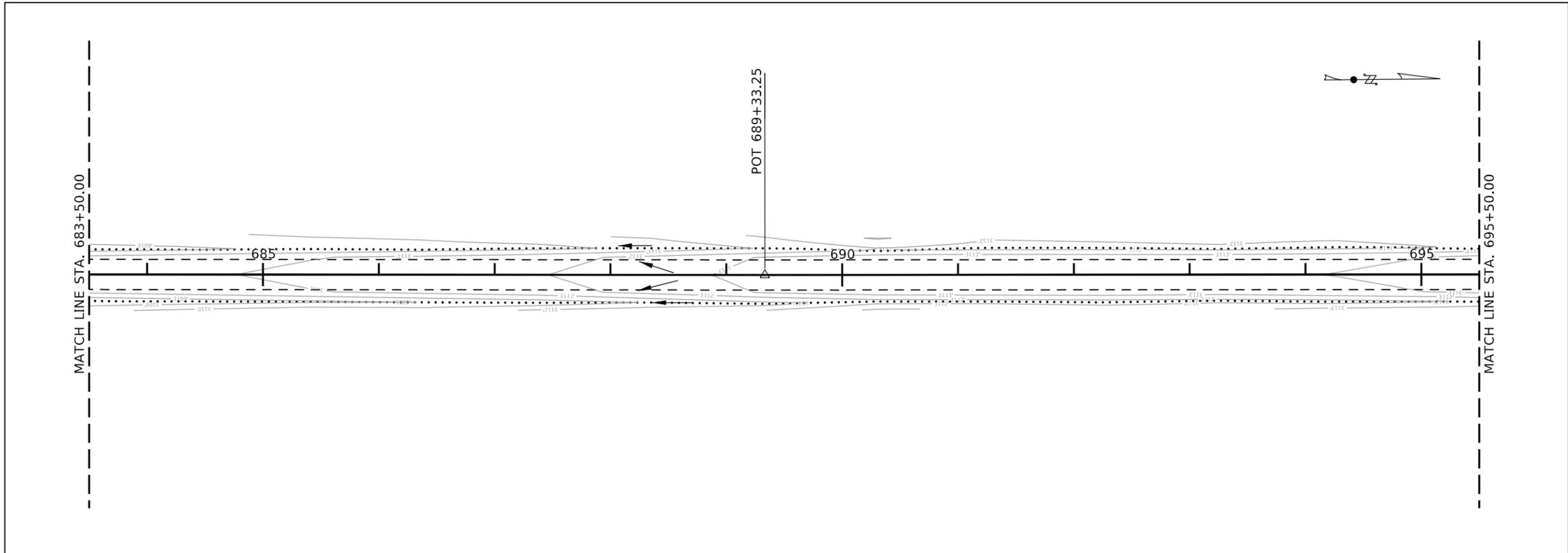
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 85 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eras 047.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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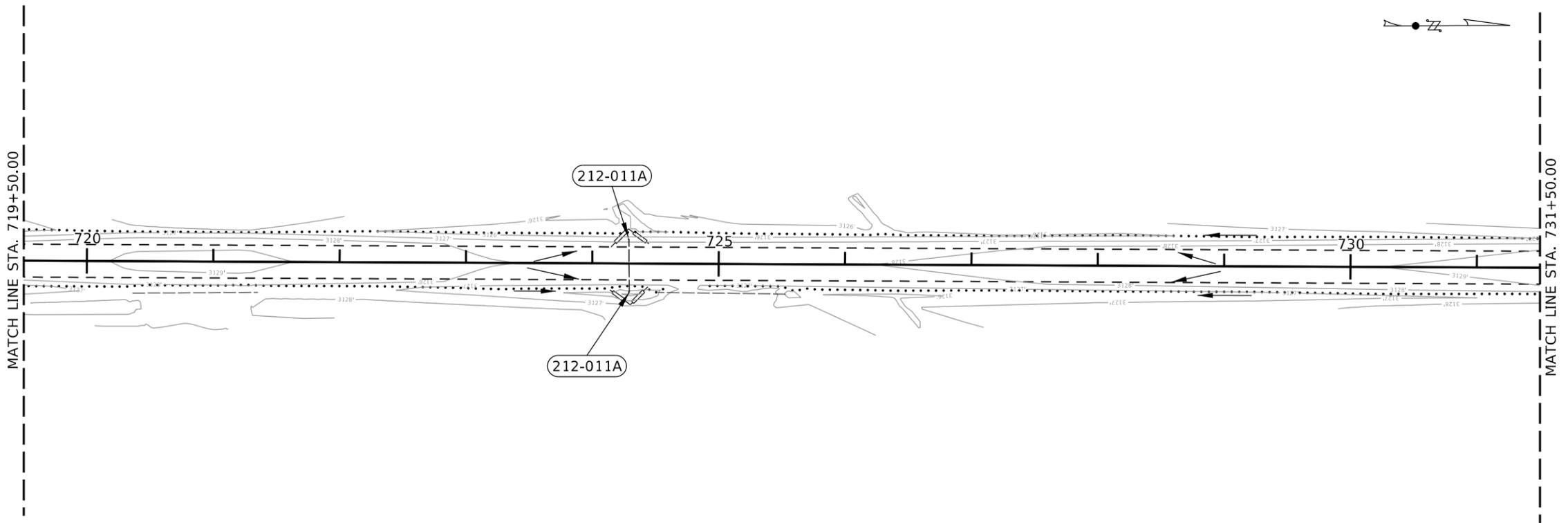
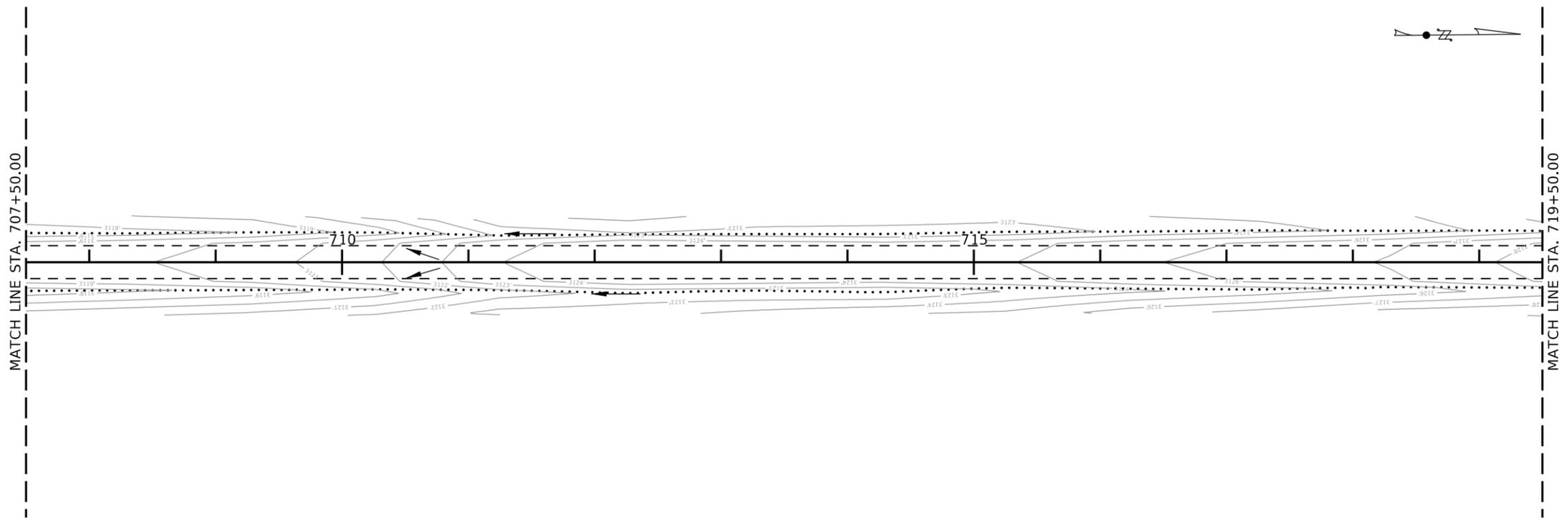
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A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	86 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 724+28.69 LT
 40 FT STA. 724+29.26 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW
 DESIGN CHECKED H. NELSON
 DETAILED G. FALLAR
 DRAWING CHECKED C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME 21981 eros 049.dgn
 DRAWING DATE: 22-JUL-2024

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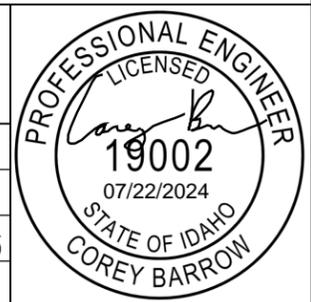
HMH engineering

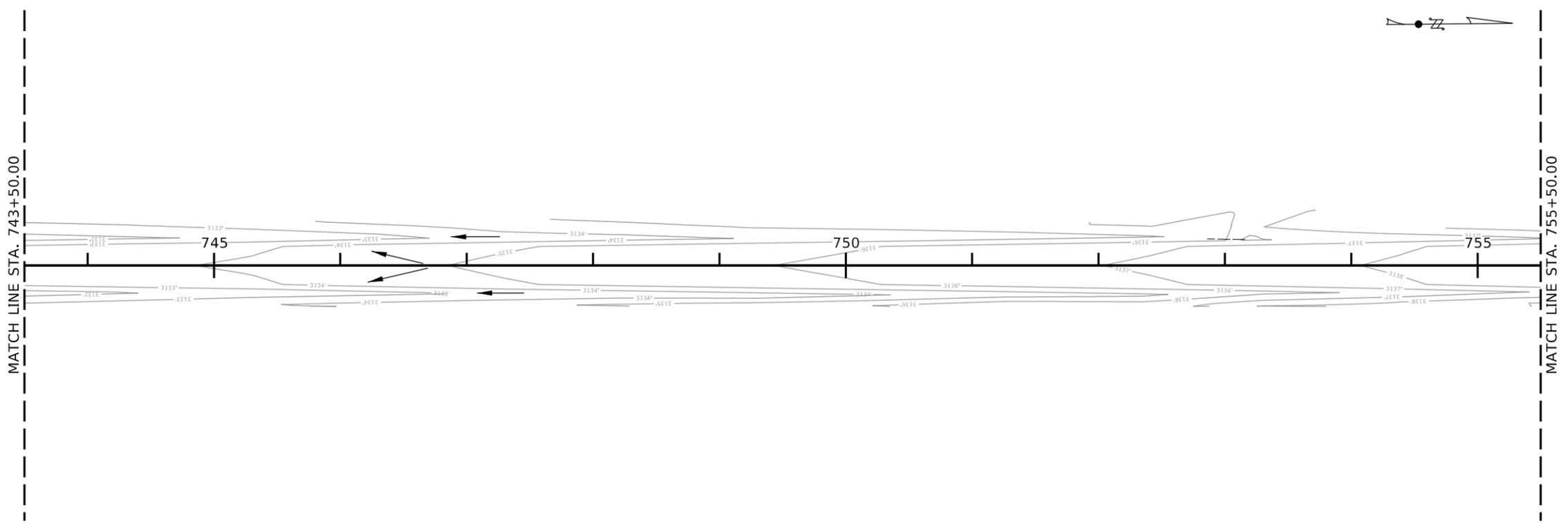
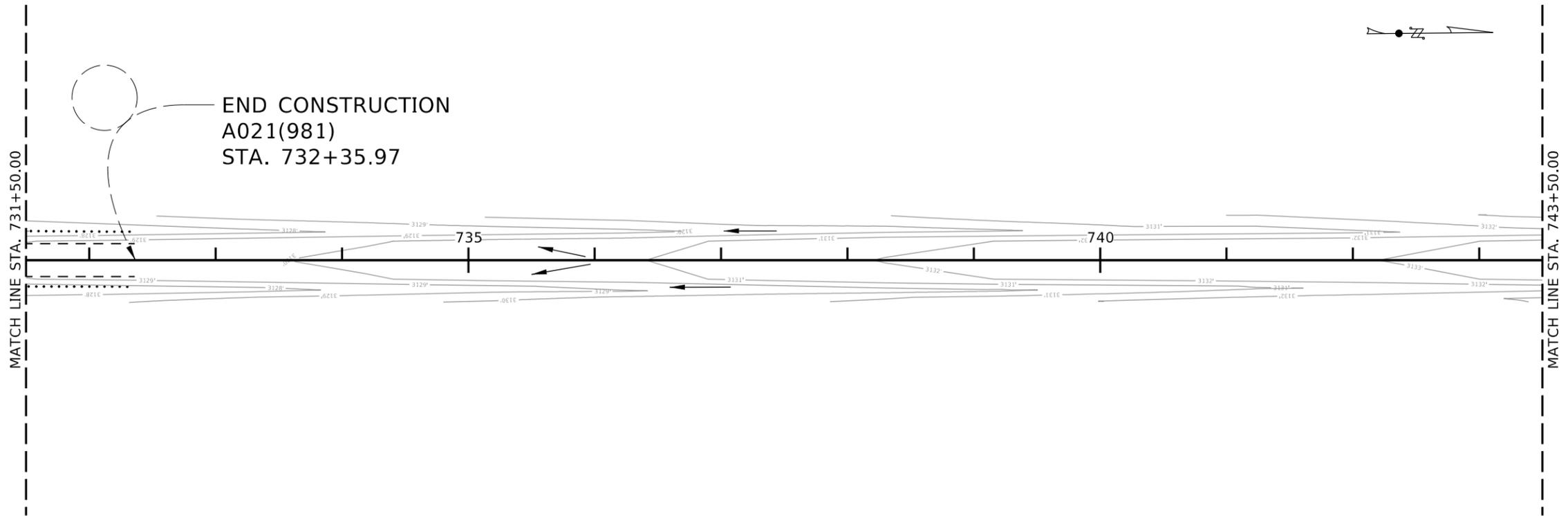


PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

POLLUTION PREVENTION PLAN
 SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 87 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
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DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

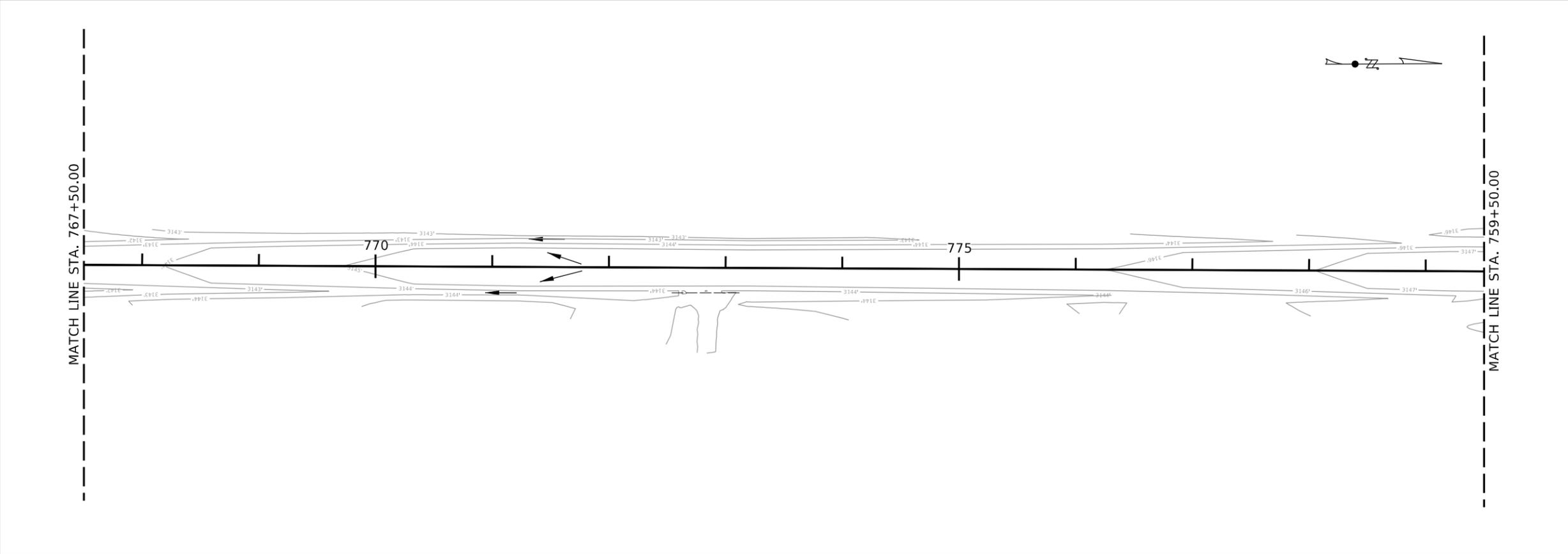
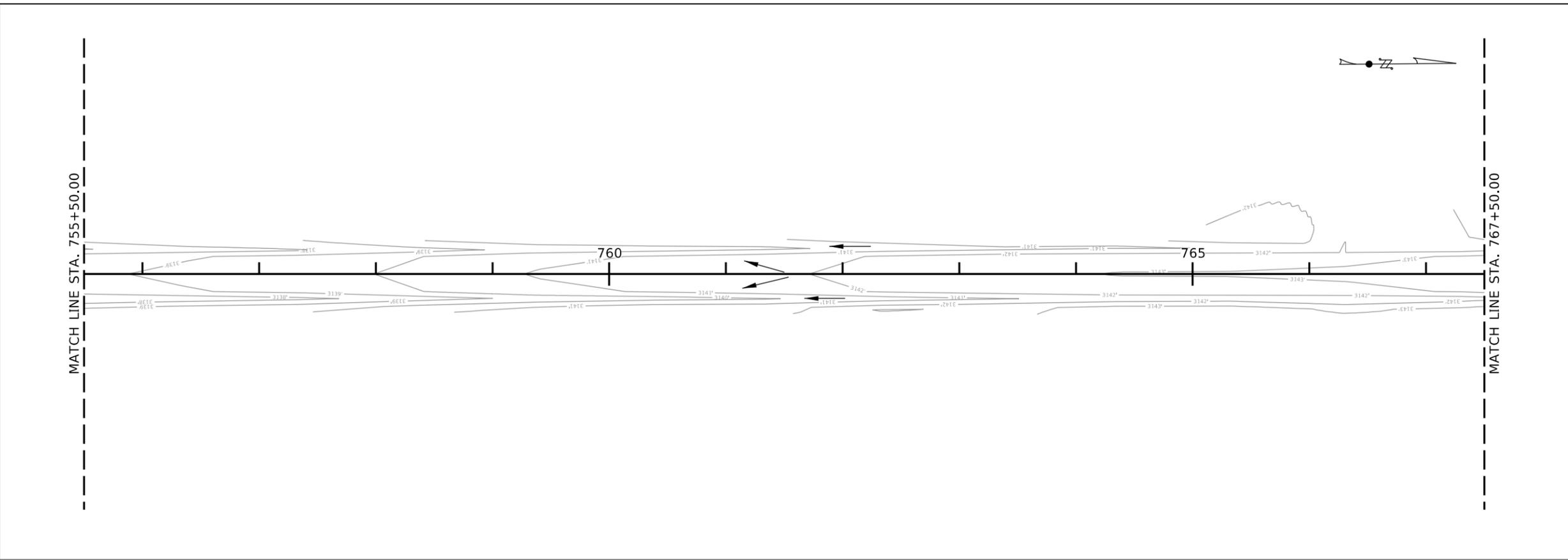
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 88 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
21981 eros 053.dgn

DRAWING DATE:
22-JUL-2024

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A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

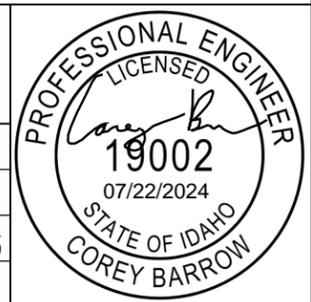
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

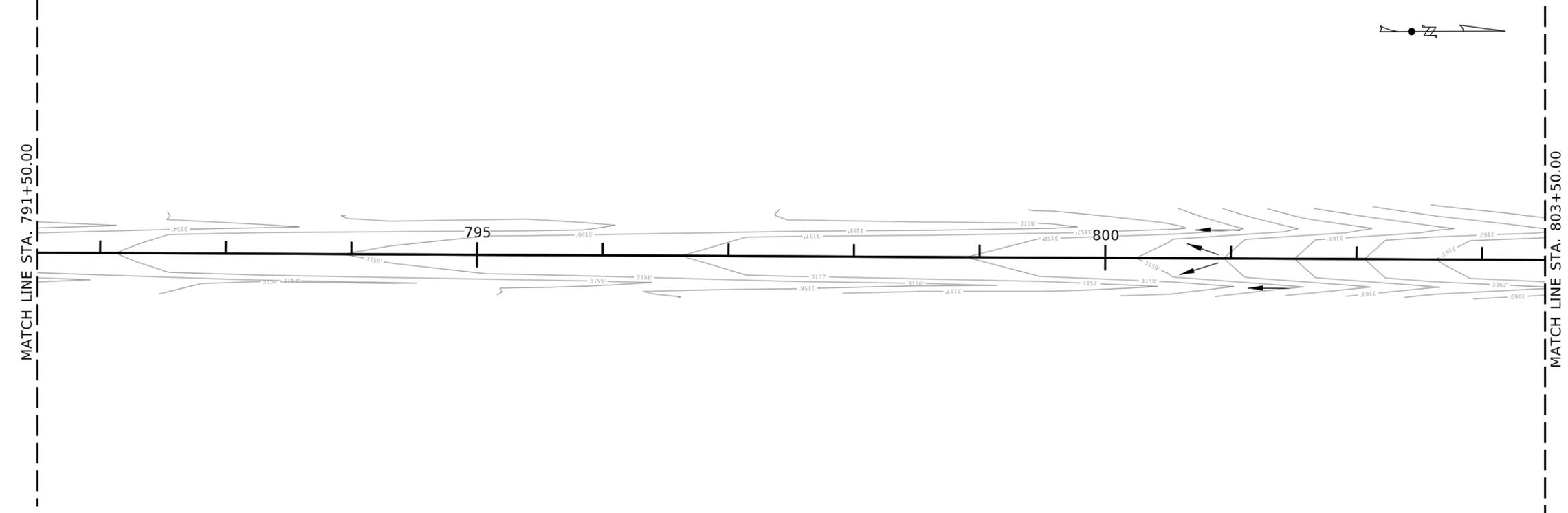
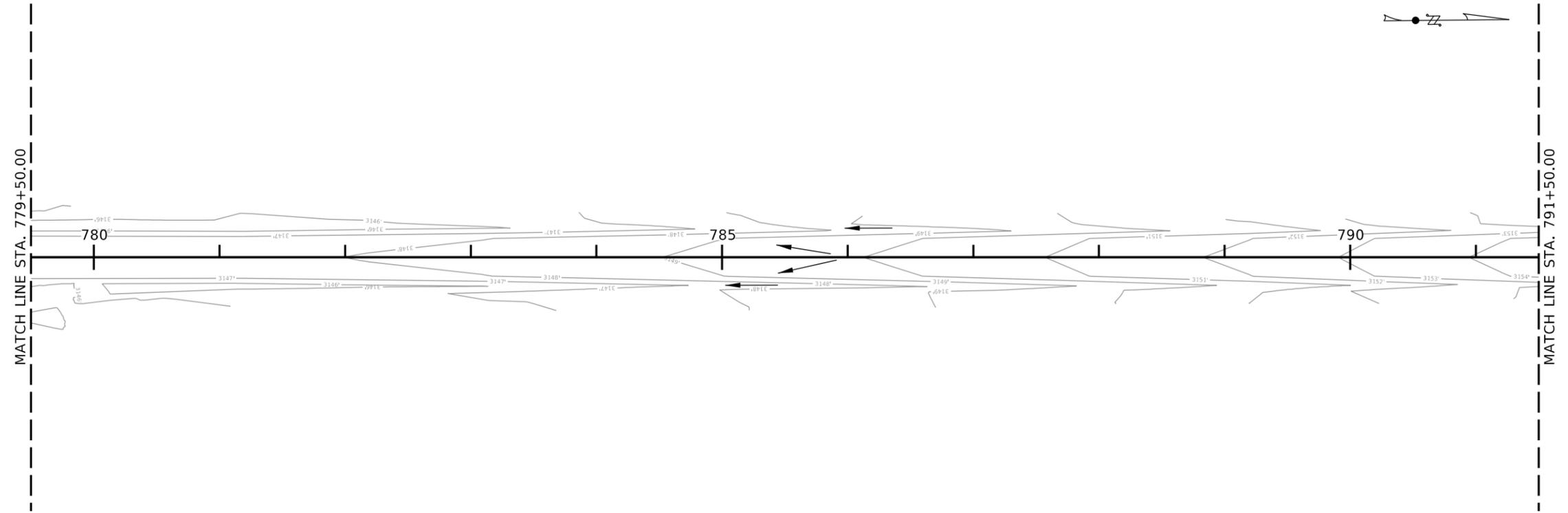
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 89 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros_055.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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DEPARTMENT

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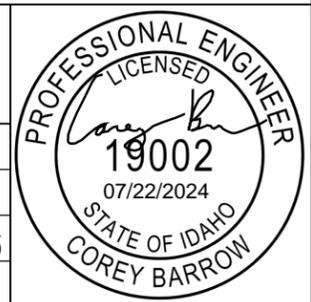
HMH engineering

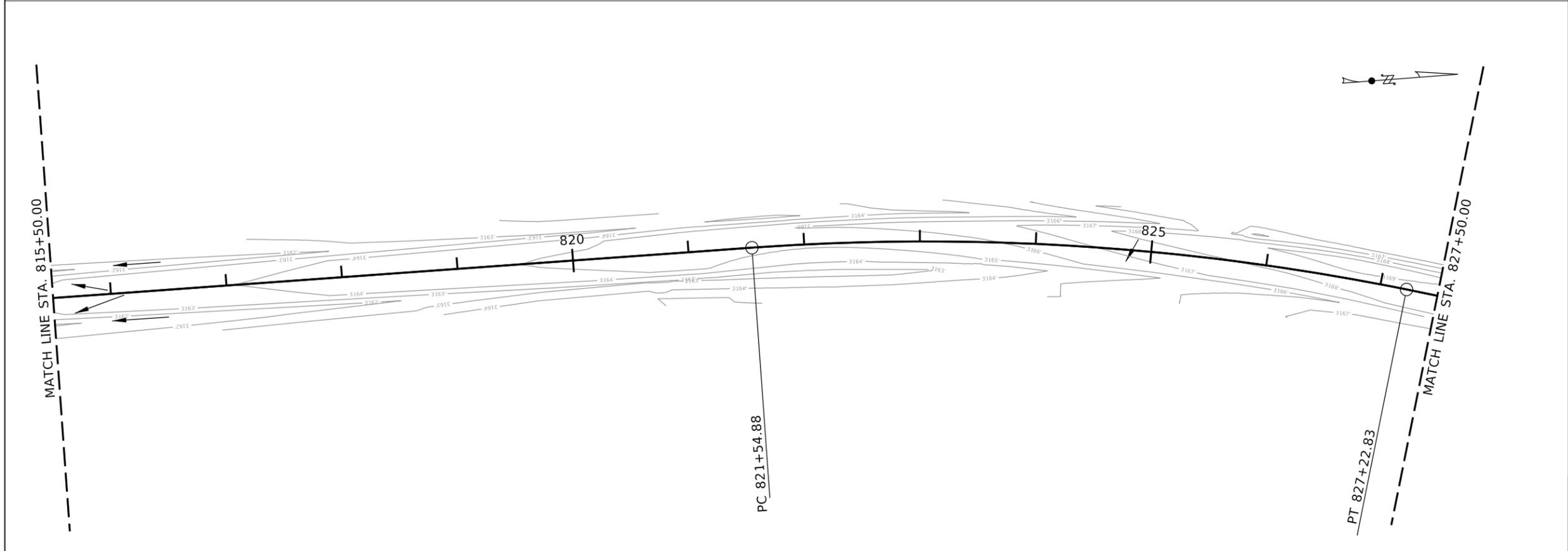
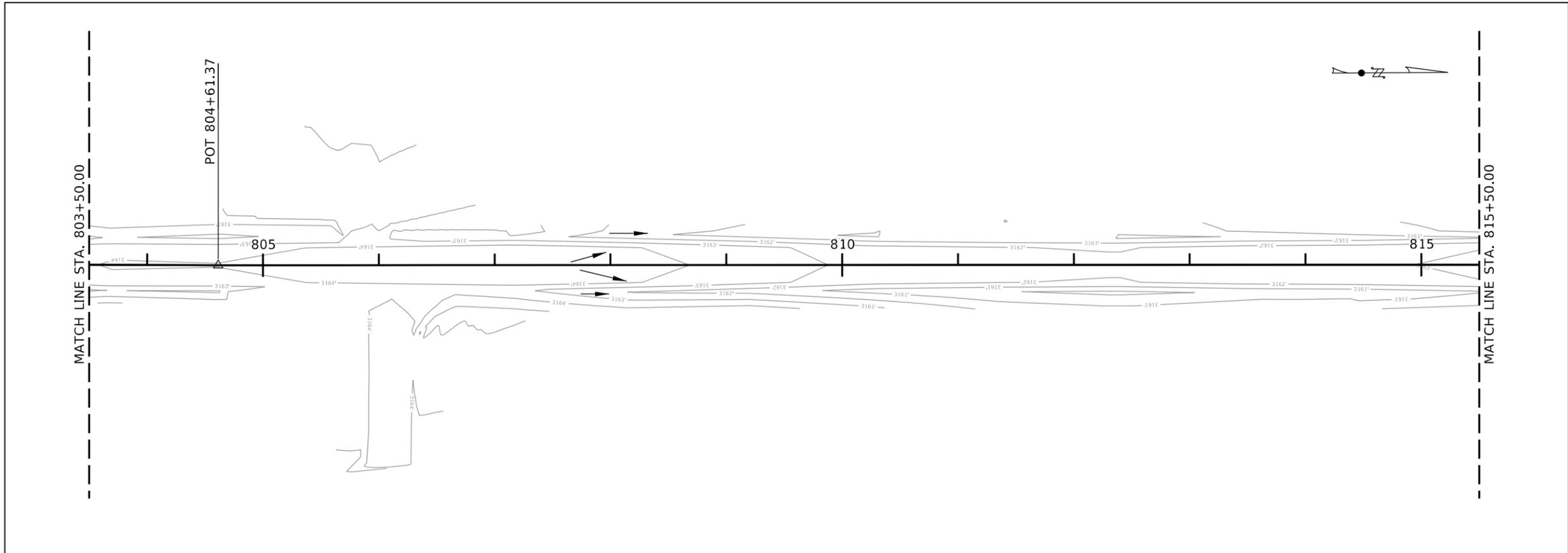
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

POLLUTION PREVENTION PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	90 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

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CADD FILE NAME
21981 eros 057.dgn

DRAWING DATE:
22-JUL-2024

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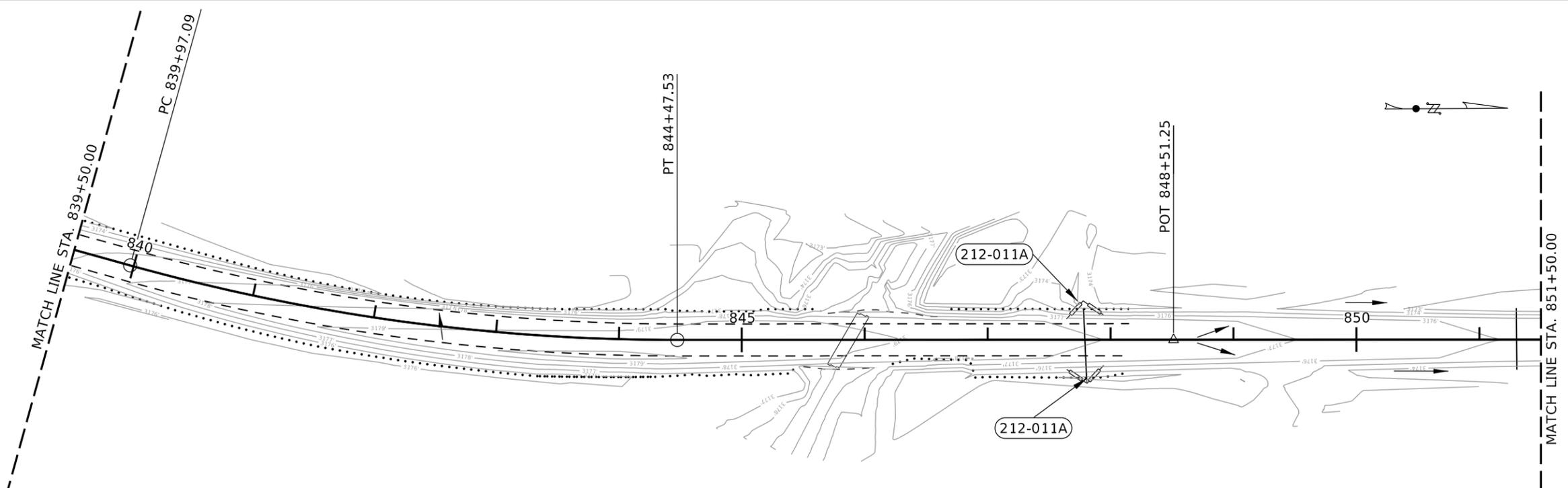
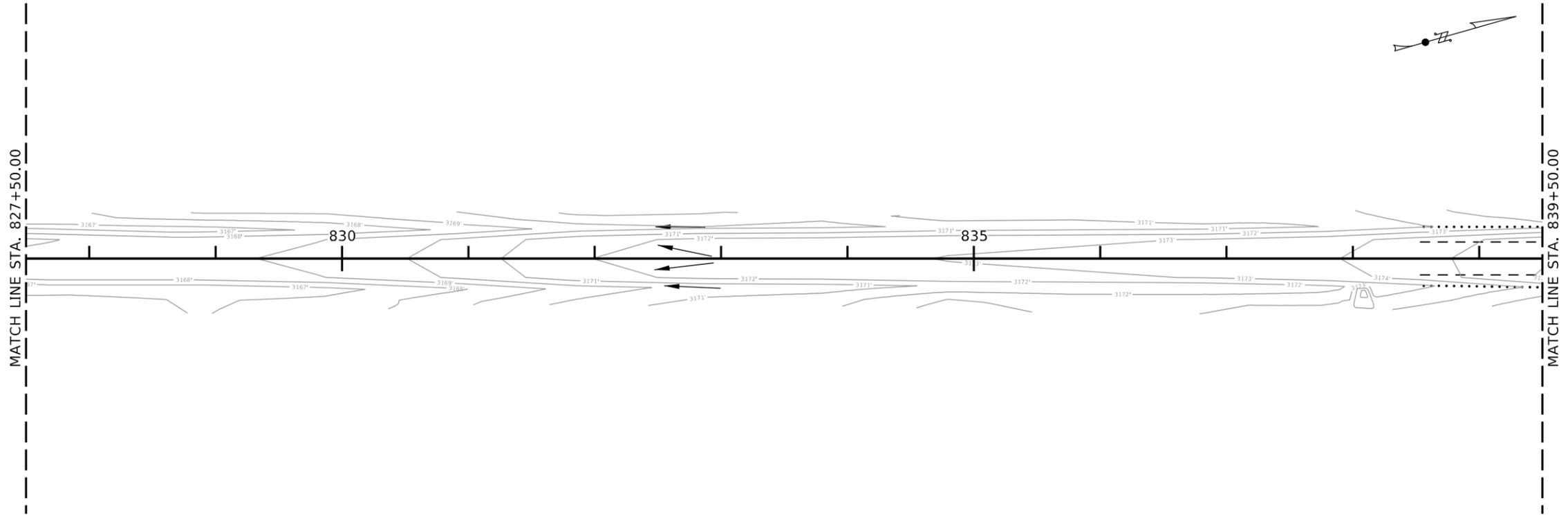
PROJECT NO.
 A021(981)
 A022(879)
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 A024(280)

POLLUTION PREVENTION PLAN
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 91 OF 143



(212-011A) FIBER WATTLES
 40 FT STA. 847+78.02 LT
 40 FT STA. 847+80.65 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME
 21981 eras 059.dgn

DRAWING DATE:
 22-JUL-2024

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

POLLUTION PREVENTION PLAN

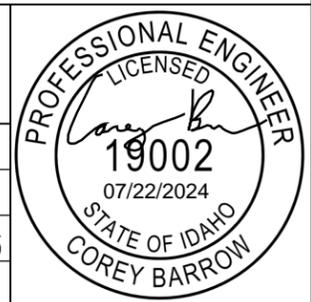
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

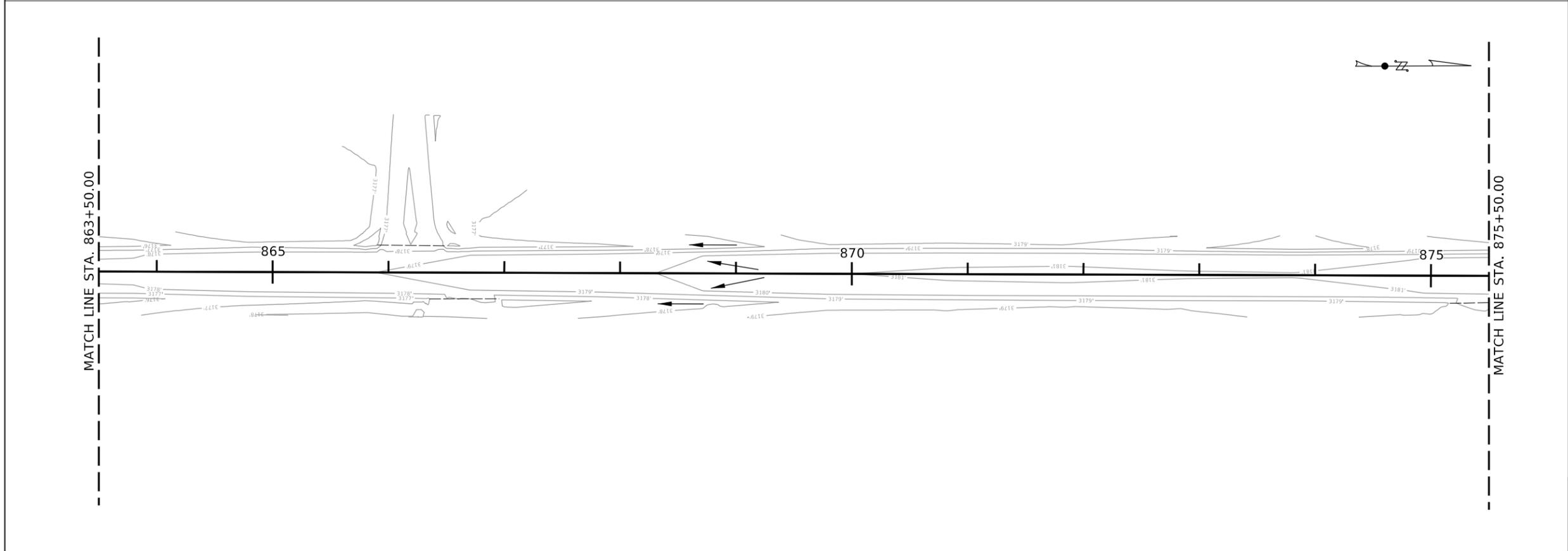
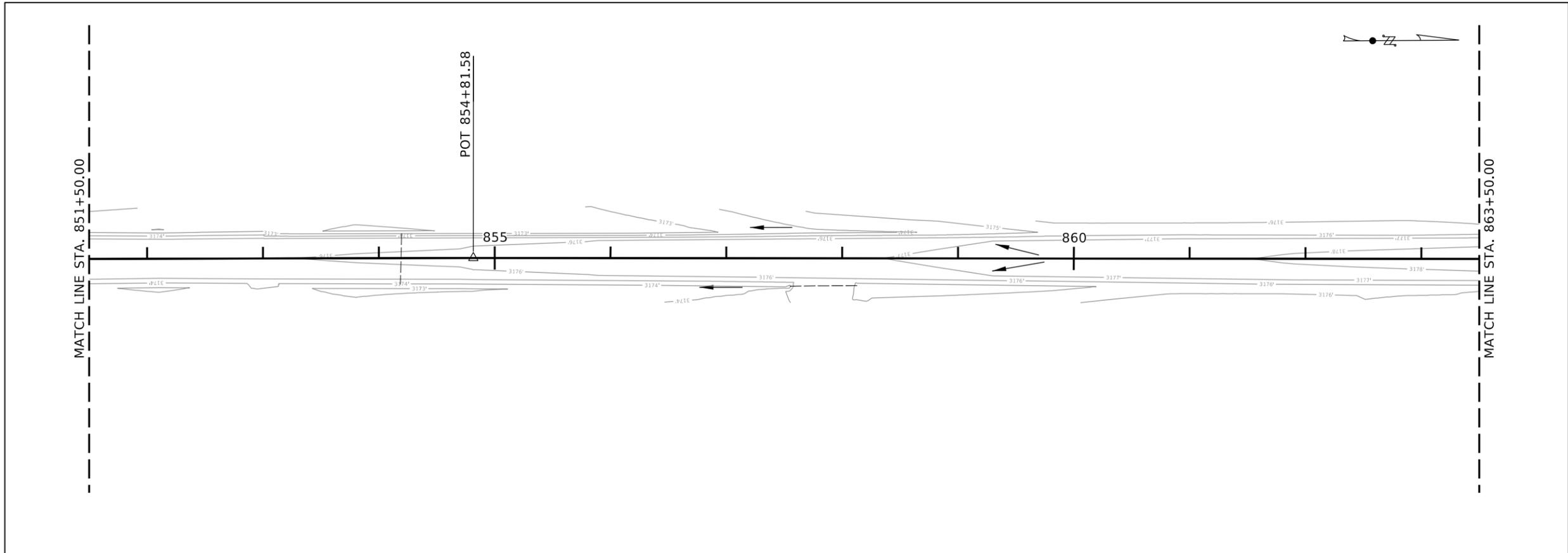
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
 22879 23746 24280

SHEET 92 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 eros 061.dgn

DRAWING DATE:
22-JUL-2024

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DEPARTMENT



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PROJECT NO.

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A023(746)
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POLLUTION PREVENTION PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

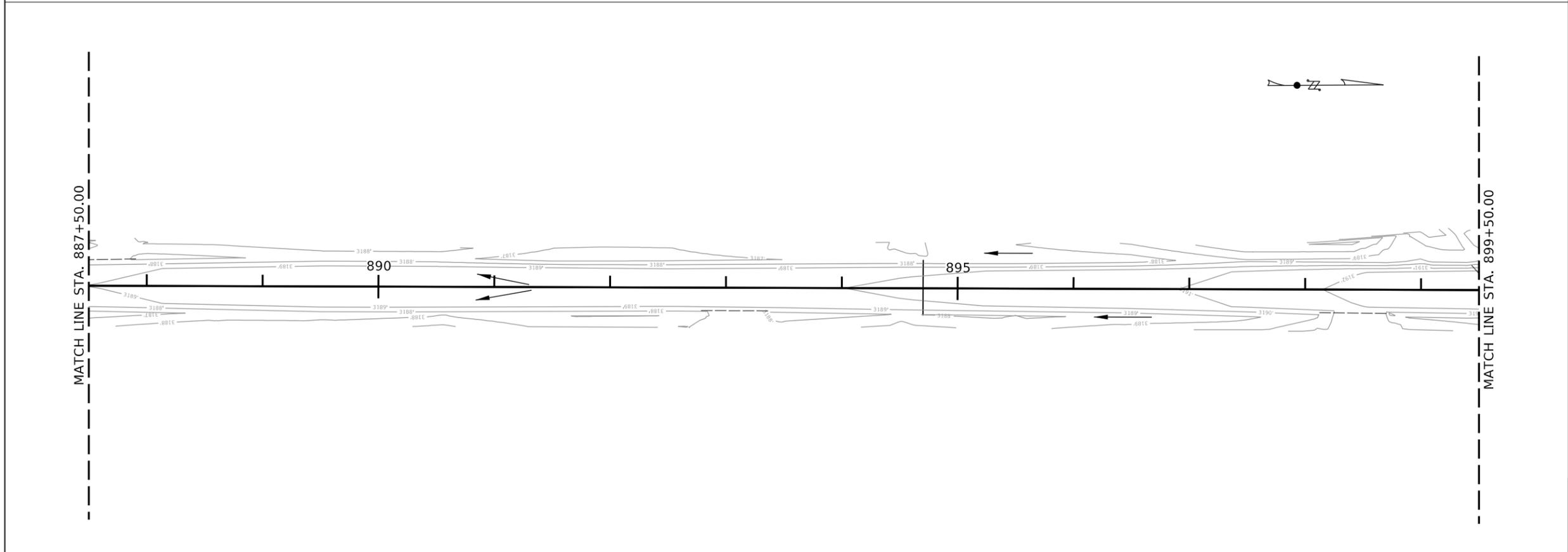
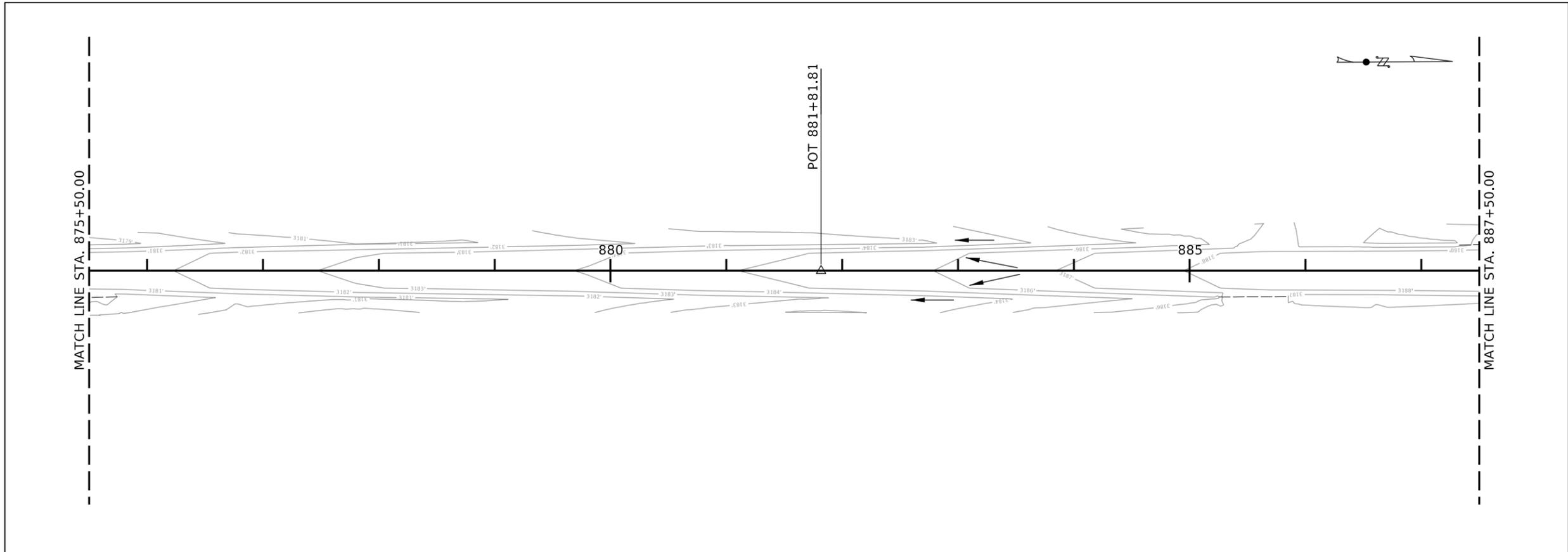
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 93 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 eros 063.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

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TRANSPORTATION
DEPARTMENT
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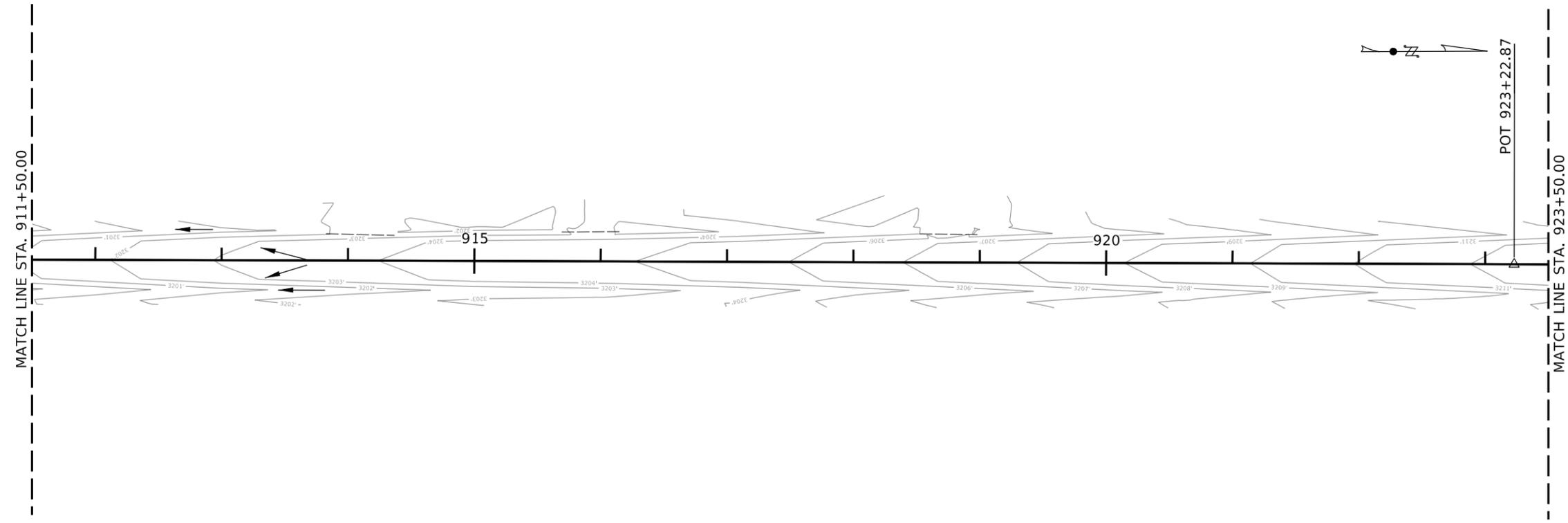
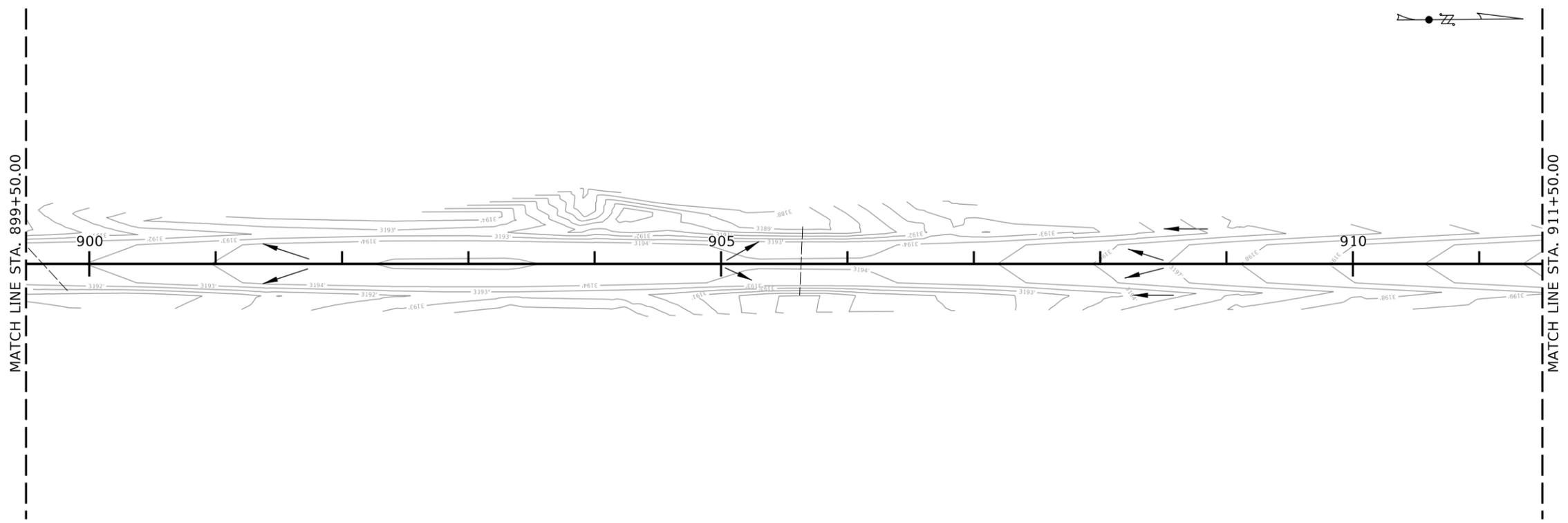
HMH engineering

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A022(879)
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A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	94 OF 143





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

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CADD FILE NAME
21981 eras 065.dgn

DRAWING DATE:
22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

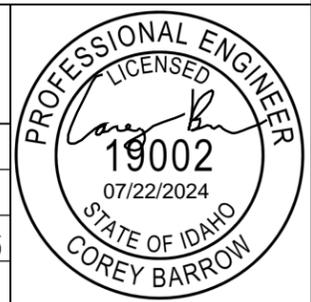


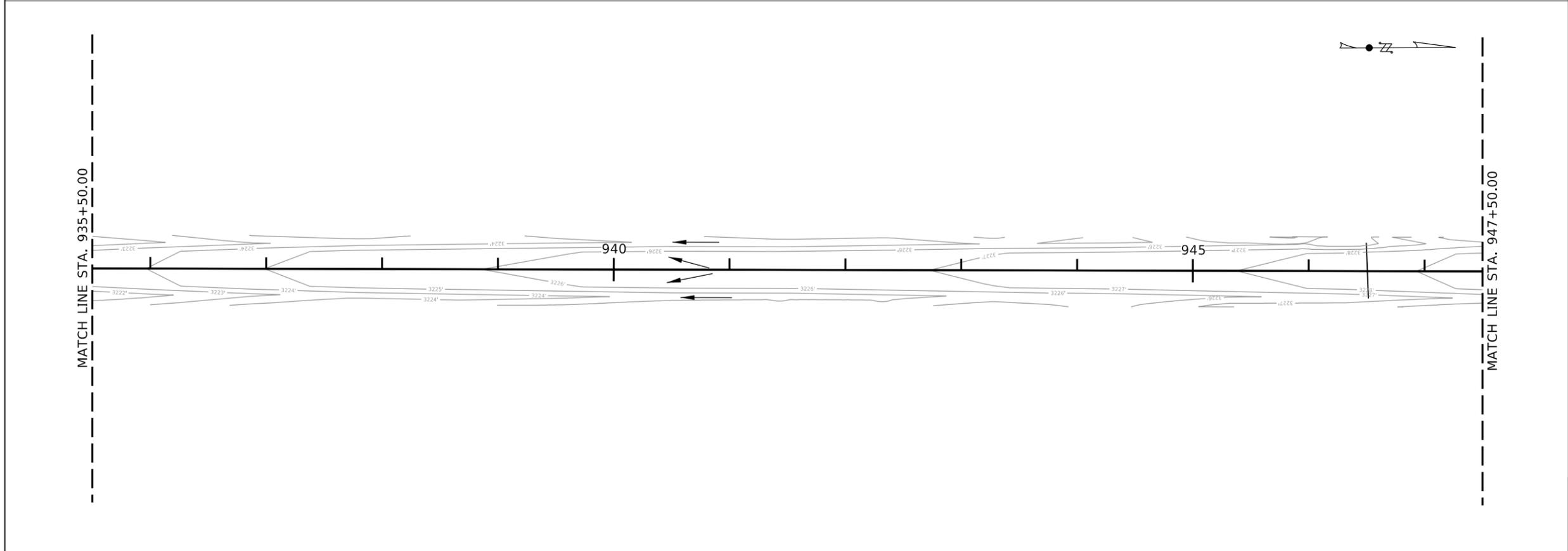
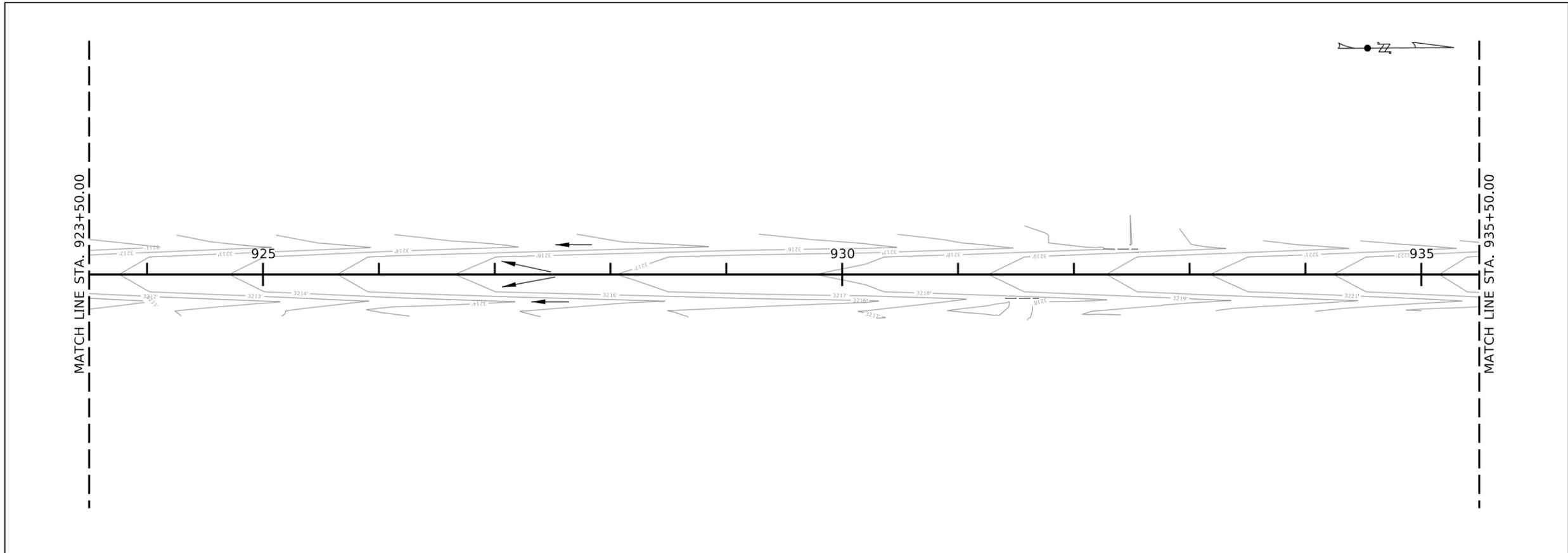
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POLLUTION PREVENTION PLAN
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 95 OF 143





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DETAILED	G. FALLAR
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CADD FILE NAME
21981 eros 067.dgn

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POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

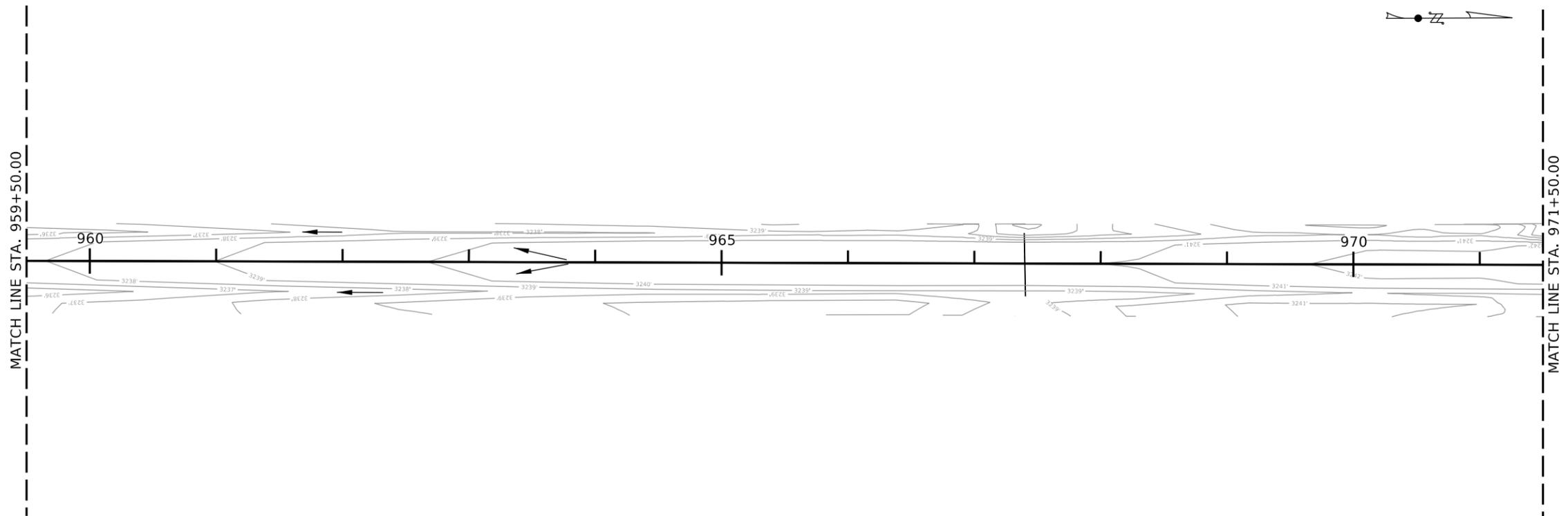
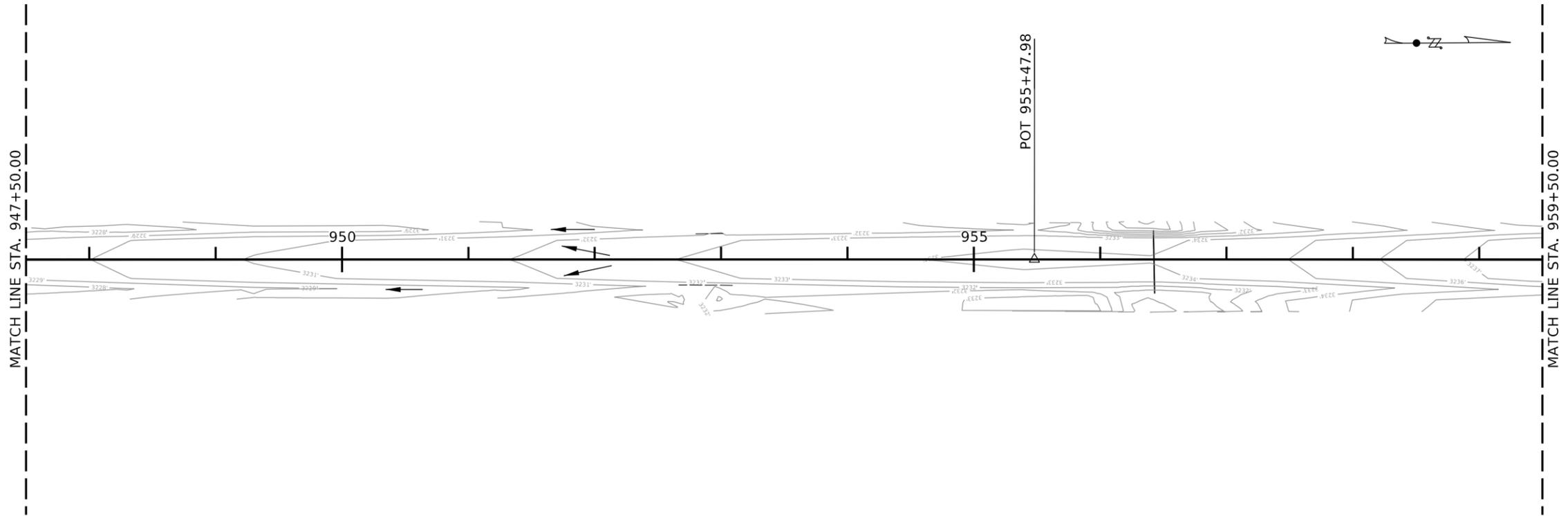
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 96 OF 143





REVISIONS			
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CADD FILE NAME
21981 eros 069.dgn

DRAWING DATE:
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DEPARTMENT

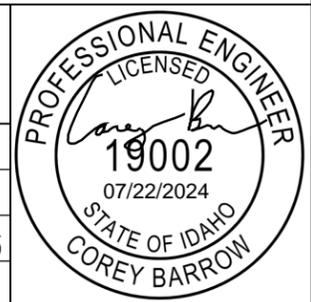


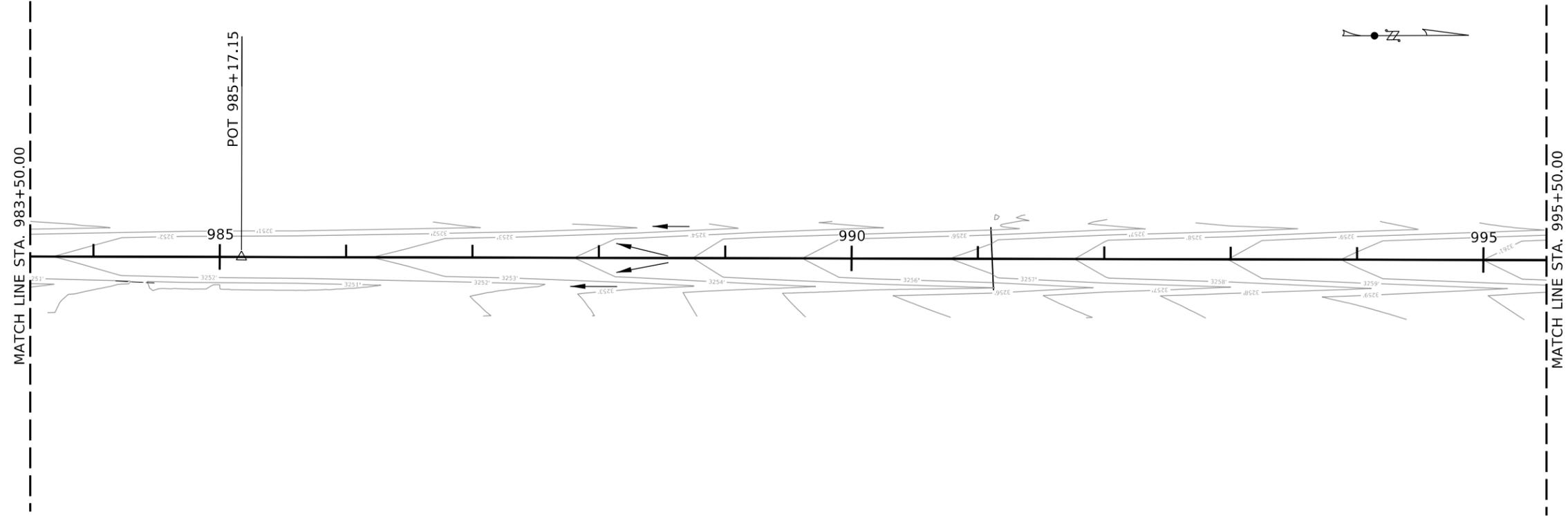
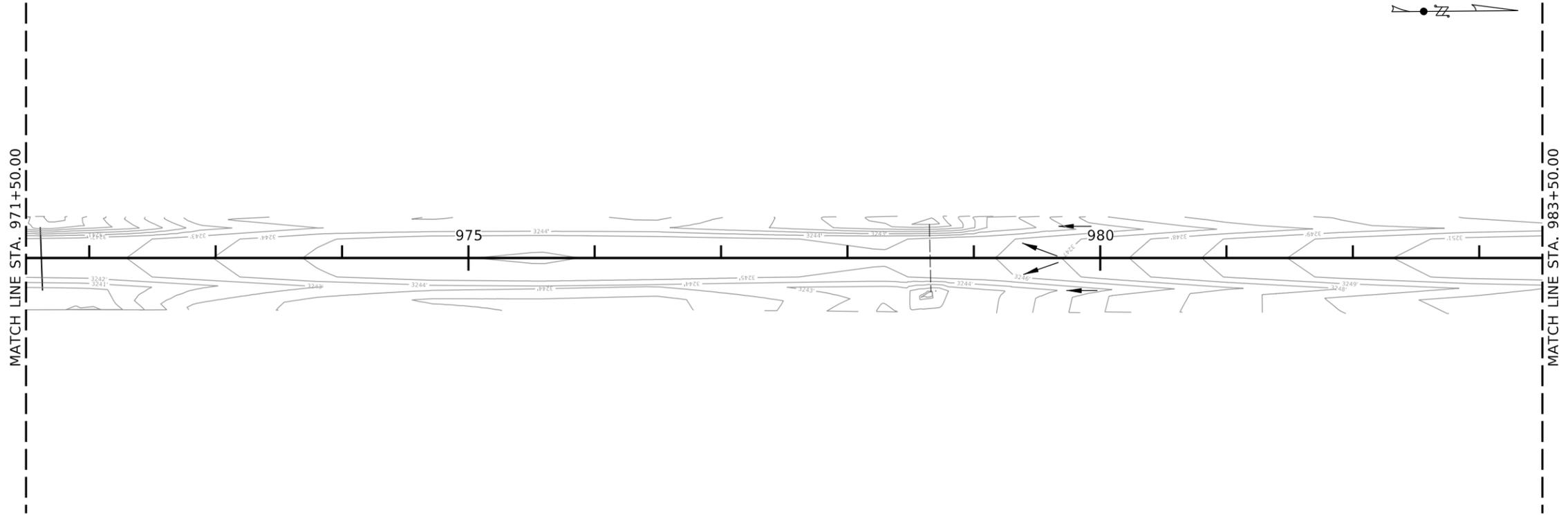
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POLLUTION PREVENTION PLAN
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH
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 KEY NUMBER 21981
 22879 23746 24280
 SHEET 97 OF 143





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CADD FILE NAME
21981 eras 071.dgn

DRAWING DATE:
22-JUL-2024

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 A024(280)

POLLUTION PREVENTION PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

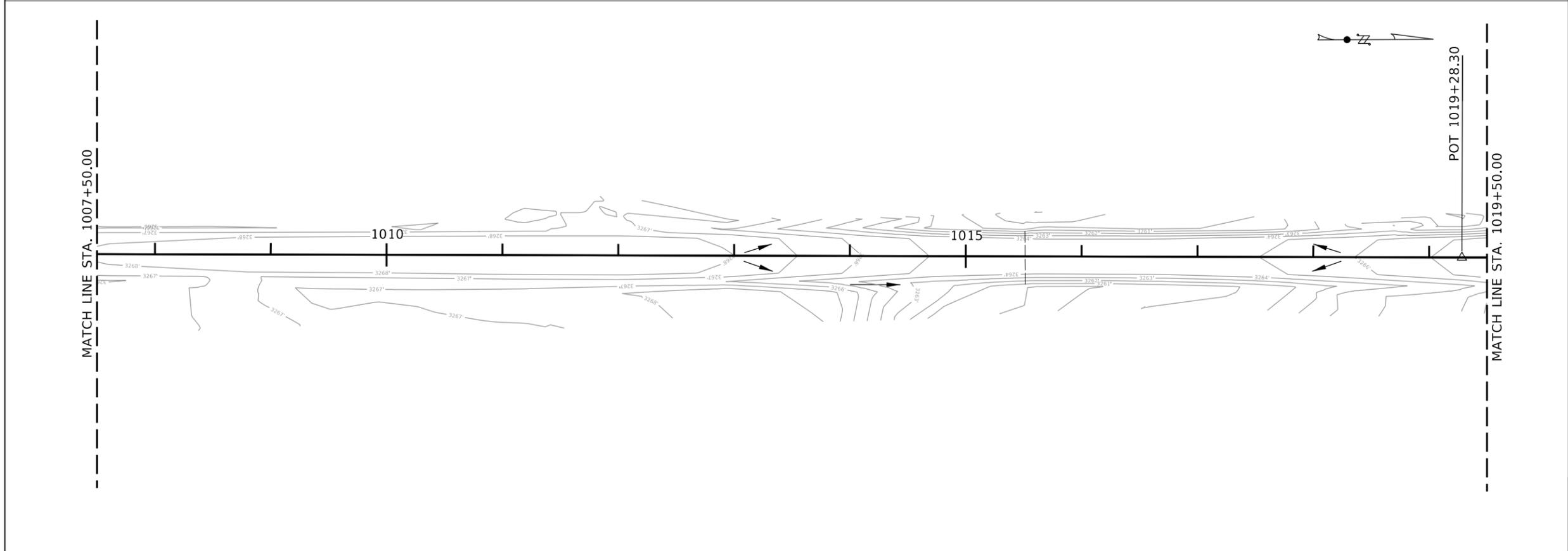
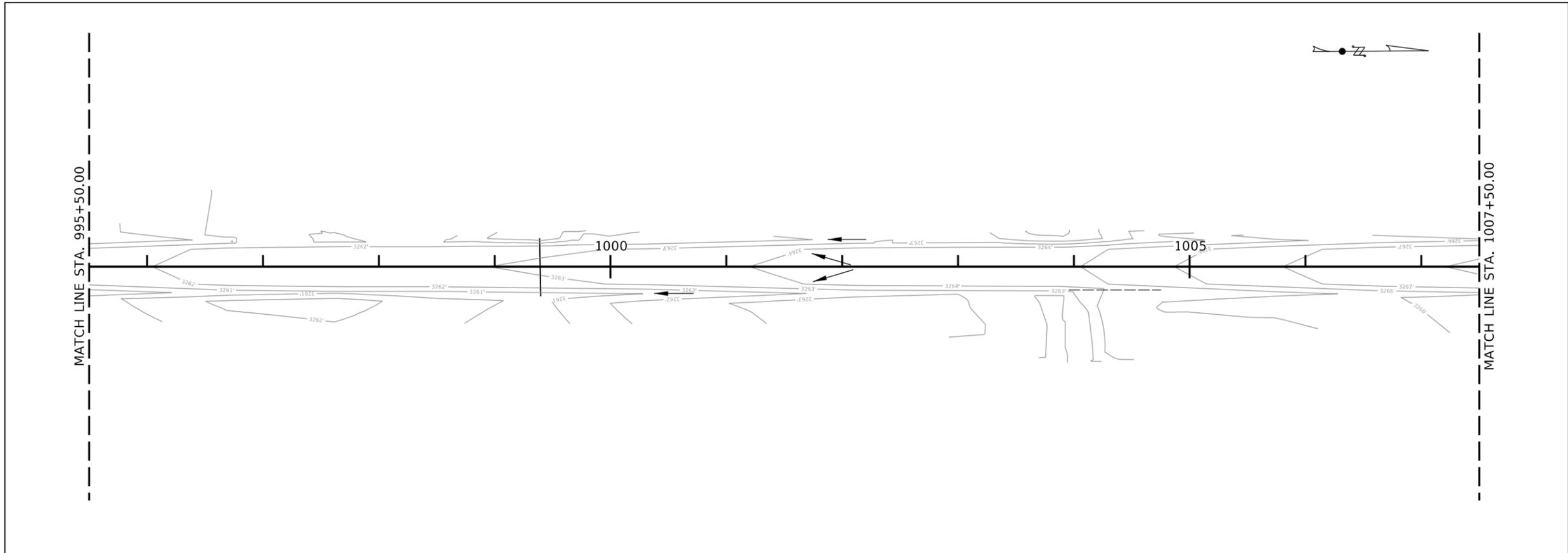
ENGLISH

COUNTY ELMORE

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22879 23746 24280

SHEET 98 OF 143





REVISIONS			
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CADD FILE NAME: 21981 eros 073.dgn

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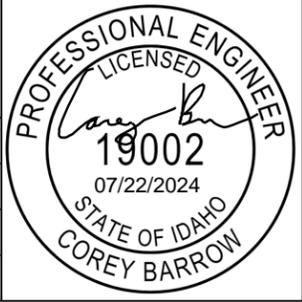
POLLUTION PREVENTION PLAN
 SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME HIGHWAY DISTRICT

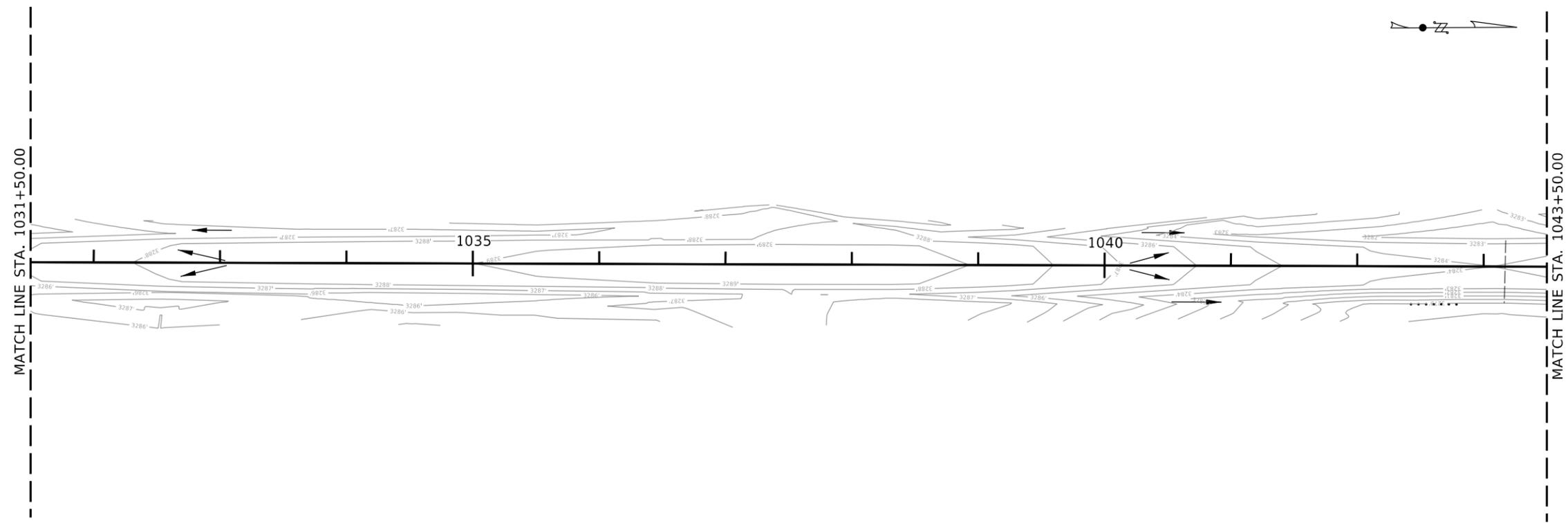
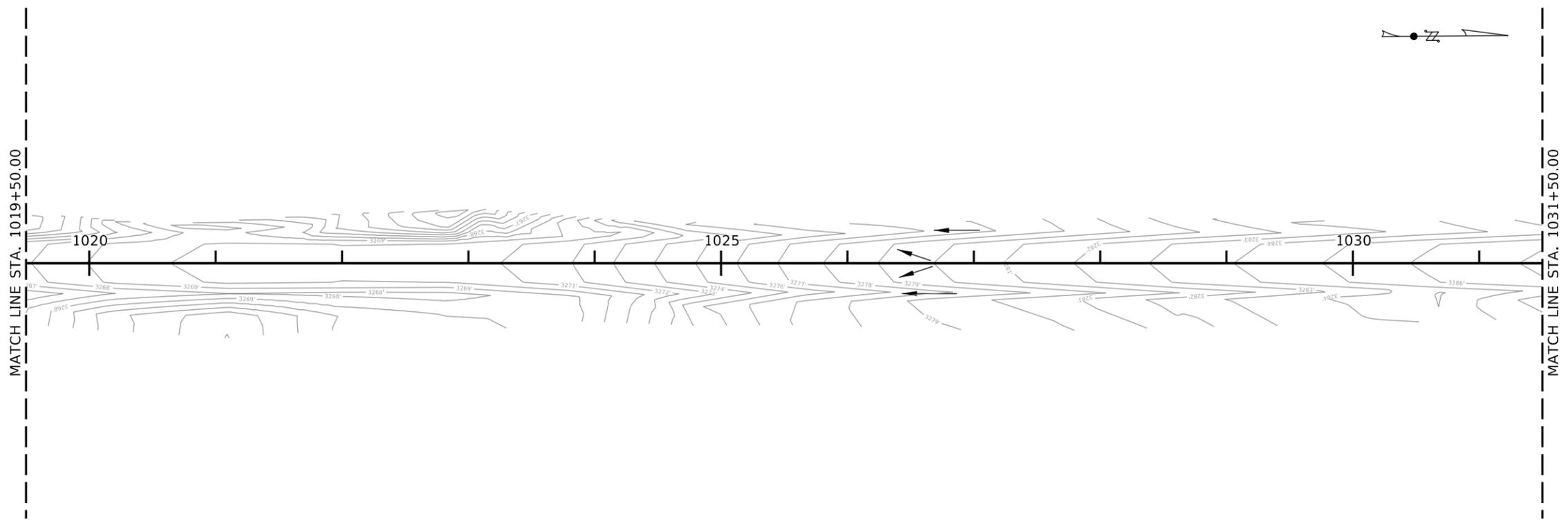
ENGLISH

COUNTY ELMORE

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SHEET 99 OF 143





REVISIONS			
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DESIGNED	C. BARROW
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DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

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CADD FILE NAME
21981 eras 075.dgn

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POLLUTION PREVENTION PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

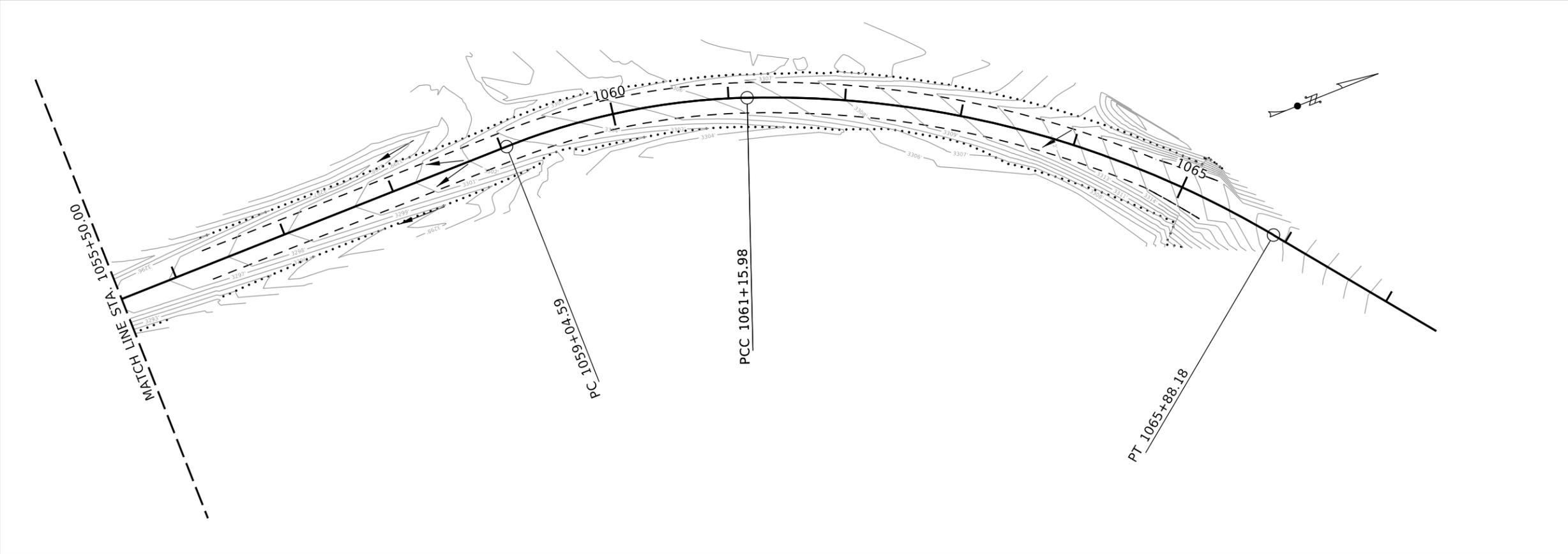
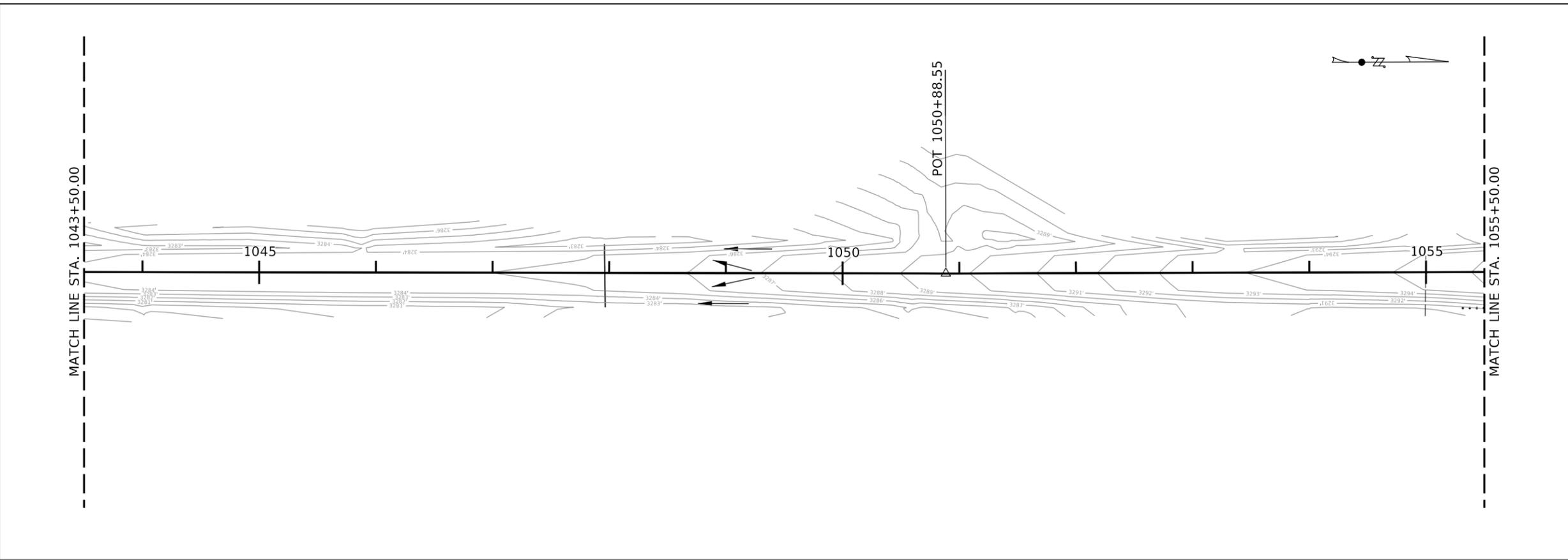
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SHEET 100 OF 143





REVISIONS			
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21981 eros 077.dgn

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A024(280)

POLLUTION PREVENTION PLAN

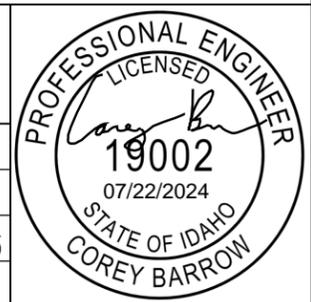
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 101 OF 143



SIGN ASSEMBLY	STATION LT. OR RT.	RAMP NO.	FOUNDATION SIZE	POST TYPE	NO. OF POST	POST SPACING	APPROX. LENGTH OF 1st POST	APPROX. LENGTH OF 2nd POST	POST LENGTH ABOVE FINISH SHOULDER	C	E	SIGN TYPE	SIGN DETAIL NUMBERS	SIGN SIZE W X H	APPROX. SQ FT. OF SIGN	SIGN BACKGROUND COLOR	SIGN BRACKETS & BRACE ANGLES WEIGHT (LBS)	BRACKET NO.	REMARKS
1	183+35 RT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W1-4L	36" X 36"	9.0	YELLOW	17.54		REVERSE CURVE LEFT
												B	W13-1P	18" X 18"	2.3	YELLOW			60 MPH
2	194+15 LT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W1-4L	36" X 36"	9.0	YELLOW	17.54		REVERSE CURVE LEFT
												B	W13-1P	18" X 18"	2.3	YELLOW			60 MPH
3	307+07 RT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W1-4R	36" X 36"	9.0	YELLOW	17.54		REVERSE CURVE RIGHT
												B	W13-1P	18" X 18"	2.3	YELLOW			55 MPH
4	317+85 LT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W1-4R	36" X 36"	9.0	YELLOW	17.54		REVERSE CURVE RIGHT
												B	W13-1P	18" X 18"	2.3	YELLOW			55 MPH
5	535+21 LT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			65 MPH
6	544+00 RT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			65 MPH
7	575+48 LT		8" X 8"	E-1	1		10' - 4"		6' - 3"	12' - 5"	4' - 0"	B	TYPE 3	10" X 27"	1.9	GREEN			MILE 10, PAID UNDER 617-060A
8	641+81 LT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			65 MPH
9	653+45 RT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			65 MPH
10	680+90 LT		8" X 8"	E-1	1		9' - 7"		5' - 6"	12' - 5"	4' - 0"	B	TYPE 3	10" X 18"	1.3	GREEN			MILE 8, PAID UNDER 617-060A
11	733+70 LT		8" X 8"	E-1	1		9' - 7"		5' - 6"	12' - 5"	4' - 0"	B	TYPE 3	10" X 18"	1.3	GREEN			MILE 7, PAID UNDER 617-060A
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13	850+90 LT		8" X 8"	E-2	1		11' - 10"		7' - 6"	13' - 3"	5' - 0"	B	W10-1	30" X 30"	6.3	YELLOW			
14	1028+00 RT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W3-5	36" X 36"	9.0	YELLOW	17.54		50 MPH
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16	1035+50 LT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			65 MPH
17	1043+00 RT		24" DIA	B-2	1		8' - 2"		8' - 2"	0' - 0"	5' - 0"	B	W3-5	36" X 36"	9.0	YELLOW	17.54		35 MPH
18	1049+50 LT		8" X 8"	E-1	1		9' - 7"		5' - 6"	12' - 5"	4' - 0"	B	TYPE 3	10" X 18"	1.3	GREEN			MILE 1, PAID UNDER 617-060A
19	1050+50 LT		24" DIA	B-2	1		11' - 4"		8' - 0"	13' - 3"	5' - 0"	B	R2-1	30" X 36"	7.5	WHITE			50 MPH
20	1058+05 RT		24" DIA	B-2	1		11' - 9"		8' - 2"	14' - 1"	5' - 0"	B	W1-1R	36" X 36"	9.0	YELLOW	17.54		RIGHT TURN
												B	W13-1P	18" X 18"	2.3	YELLOW			25 MPH

SIGN BRACKETS AND BRACE ANGLES ARE INCIDENTAL TO ITEM 616-010A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981_sjgn_001.DGN

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

SIGNING ERECTION SPECIFICATIONS

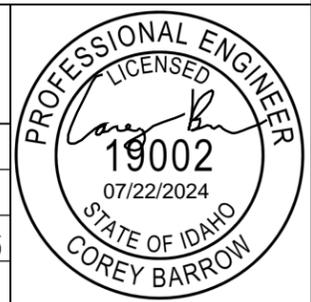
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

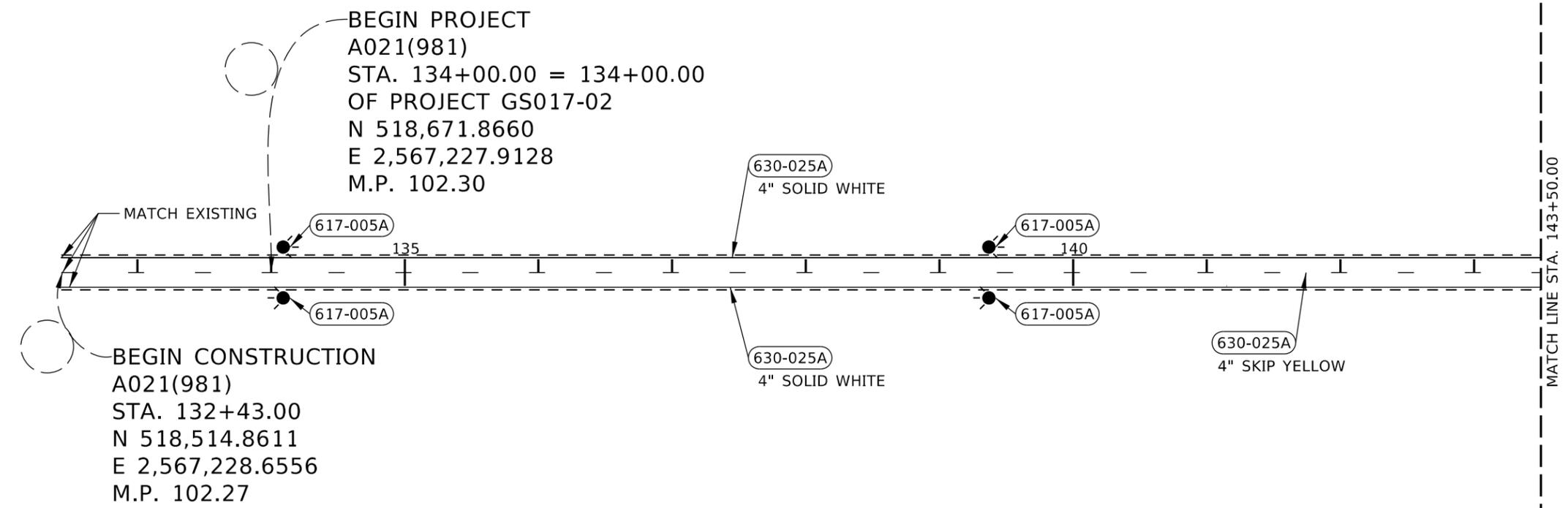
ENGLISH

COUNTY **ELMORE**

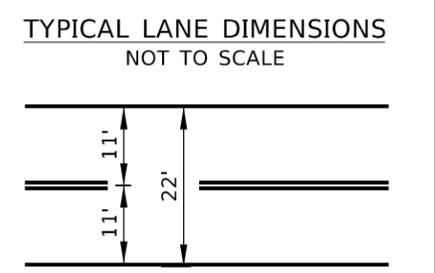
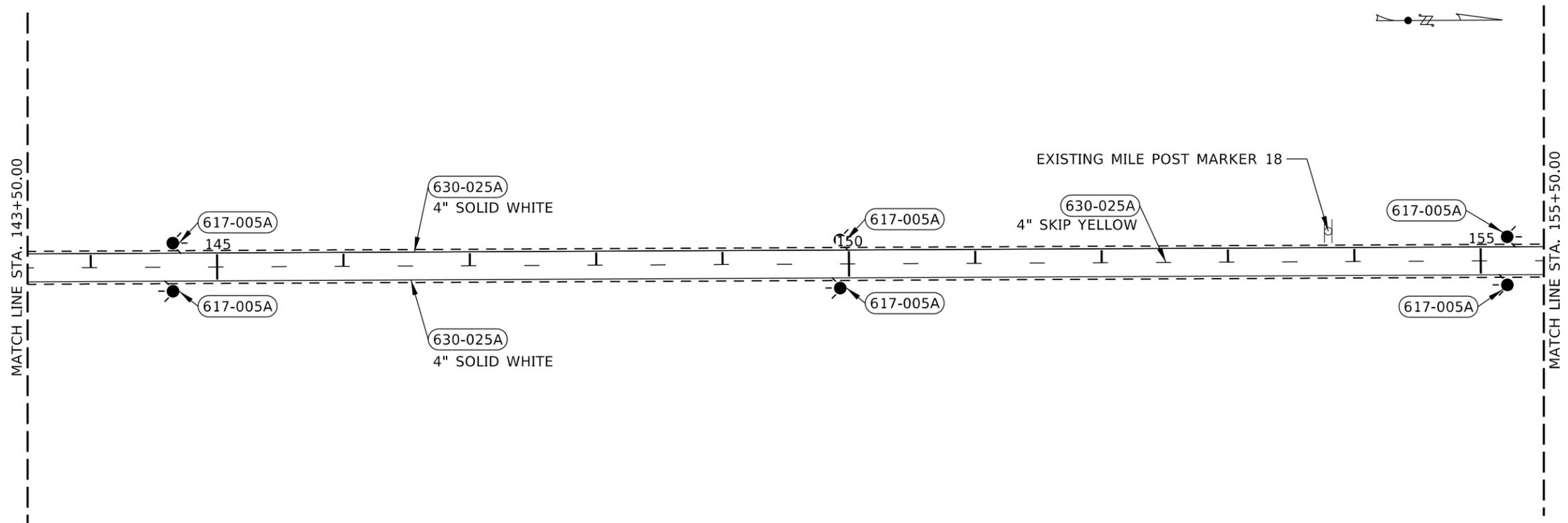
KEY NUMBER 21981
22879 23746 24280

SHEET 102 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA 134+09.00, 19.00' LT
 STA 134+09.00, 19.00' RT
 STA 139+37.00, 19.00' LT
 STA 139+37.00, 19.00' RT
 STA 144+65.00, 19.00' LT
 STA 144+65.00, 19.00' RT
 STA 149+93.00, 19.00' LT
 STA 149+93.00, 19.00' RT
 STA 155+21.00, 19.00' LT
 STA 155+21.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV
 MGK - WATERBORNE
 1107.36 FT 4" SKIP YELLOW
 STA 132+43.00 - 155+50.00
- 9228.00 FT 4" SOLID WHITE
 STA 132+43.00 - 155+50.00 LT
 STA 132+43.00 - 155+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 21981 sign 010.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

SIGNING & PAVEMENT MARKING PLAN

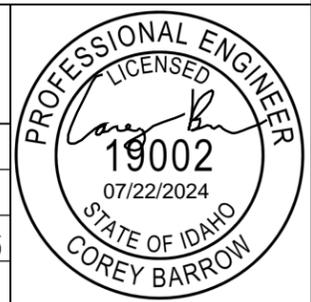
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

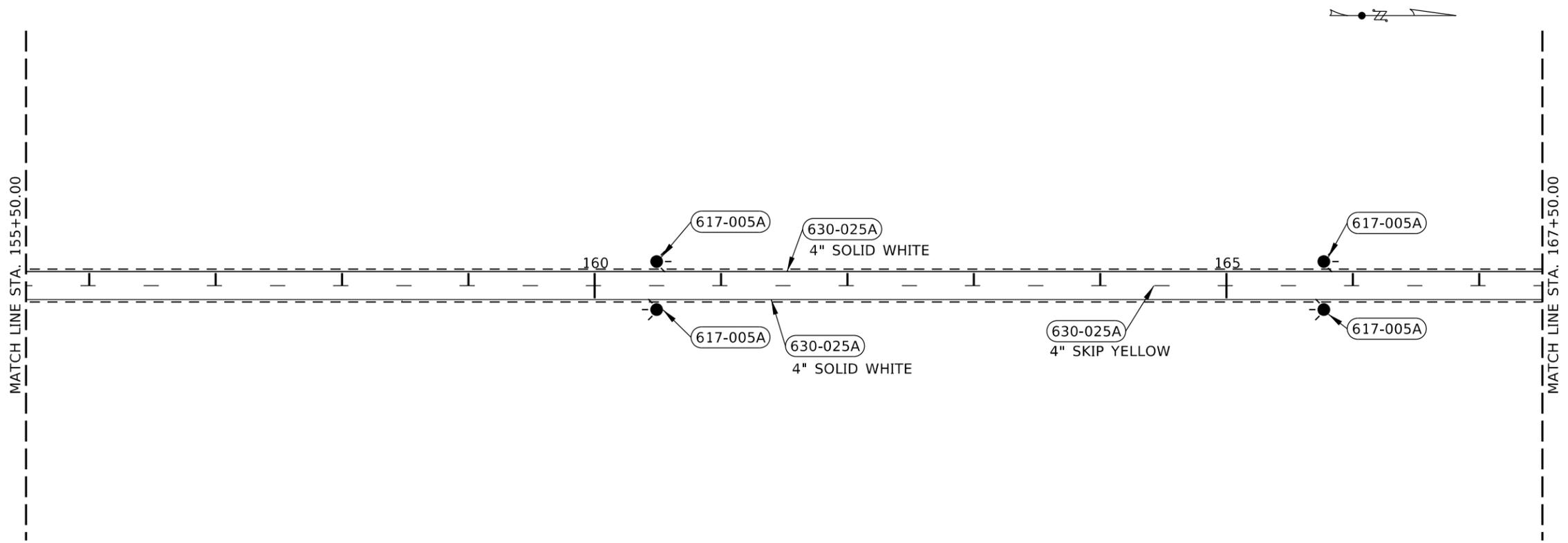
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COUNTY ELMORE

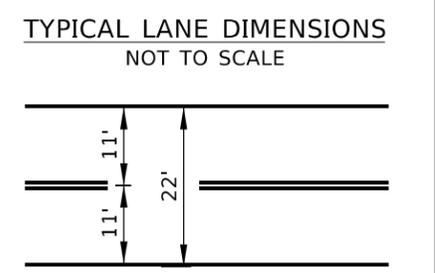
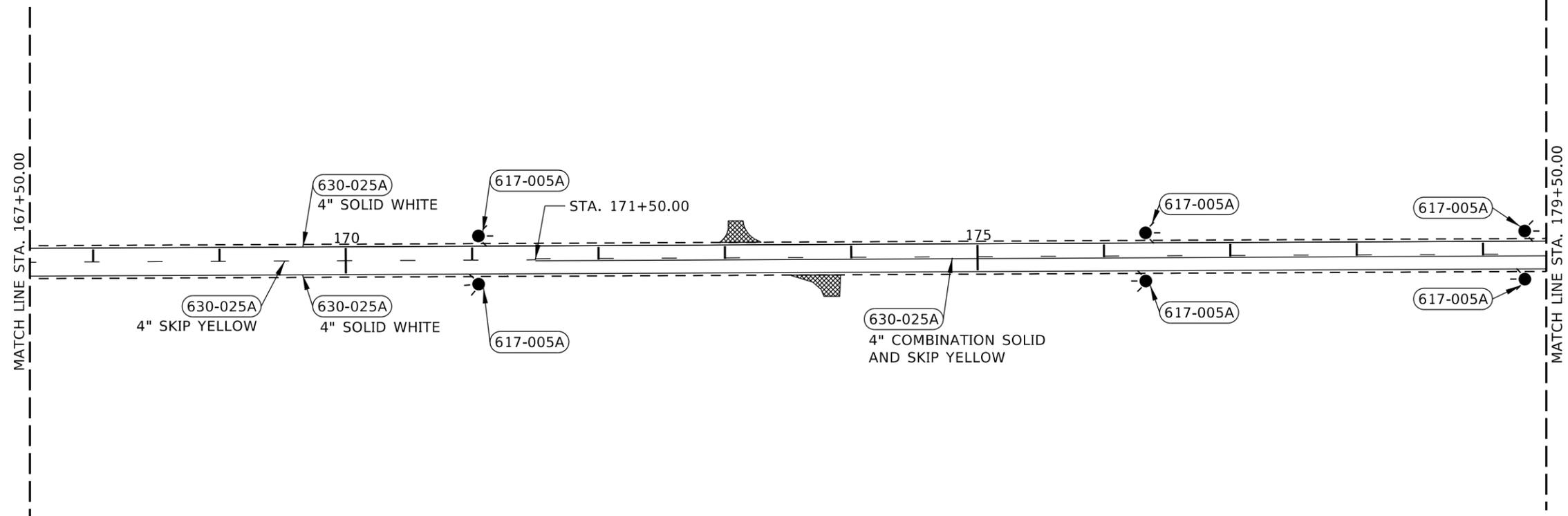
KEY NUMBER 21981
 22879 23746 24280

SHEET 103 OF 143





- 617-005A** DELINEATOR TY 1
10 EACH
 STA. 160+49.00, 19.00' LT
 STA. 160+49.00, 19.00' RT
 STA. 165+77.00, 19.00' LT
 STA. 165+77.00, 19.00' RT
 STA. 171+05.00, 19.00' LT
 STA. 171+05.00, 19.00' RT
 STA. 176+33.00, 19.00' LT
 STA. 176+33.00, 19.00' RT
 STA. 179+33.00, 19.00' LT
 STA. 179+33.00, 19.00' RT
- 630-025A** LONGITUDINAL PAV MKG - WATERBORNE
 768.00 FT 4" SKIP YELLOW
 STA. 155+50.00 - 171+50.00
 1984.00 FT 4" SKIP SOLID YELLOW
 STA. 171+50.00 - 179+50.00
 9600.00 FT 4" SOLID WHITE
 STA. 155+50.00 - 179+50.00 LT
 STA. 155+50.00 - 179+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 012.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



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PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

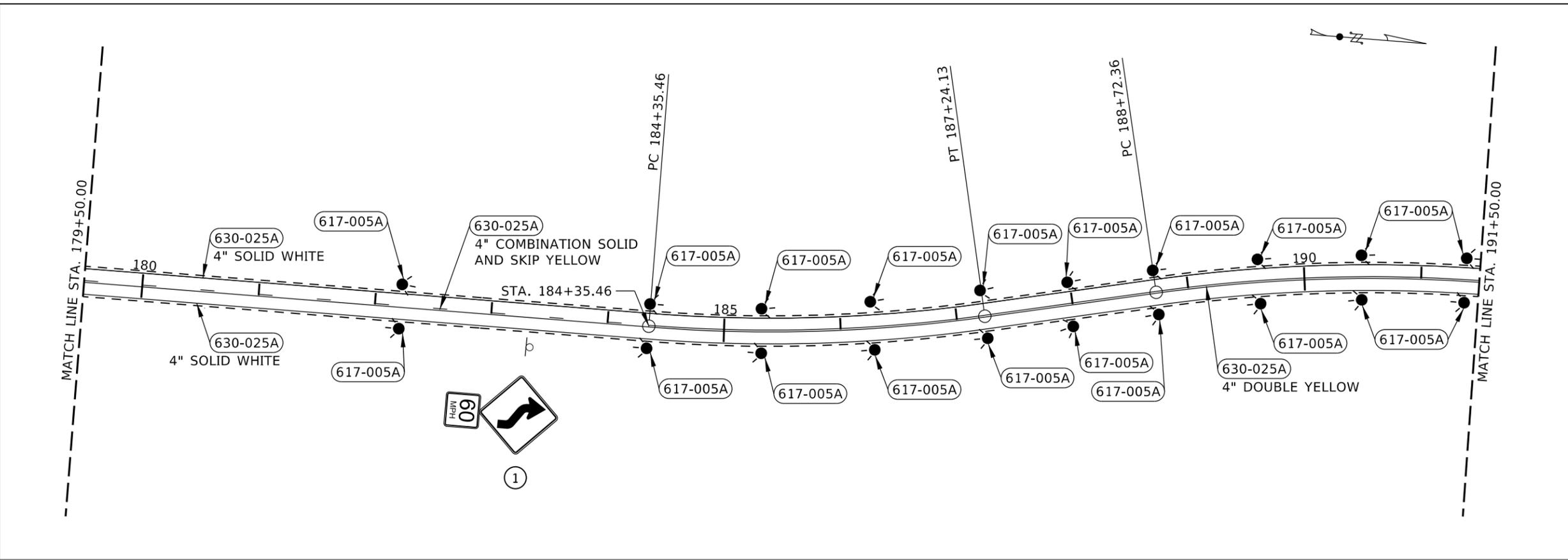
ENGLISH

COUNTY ELMORE

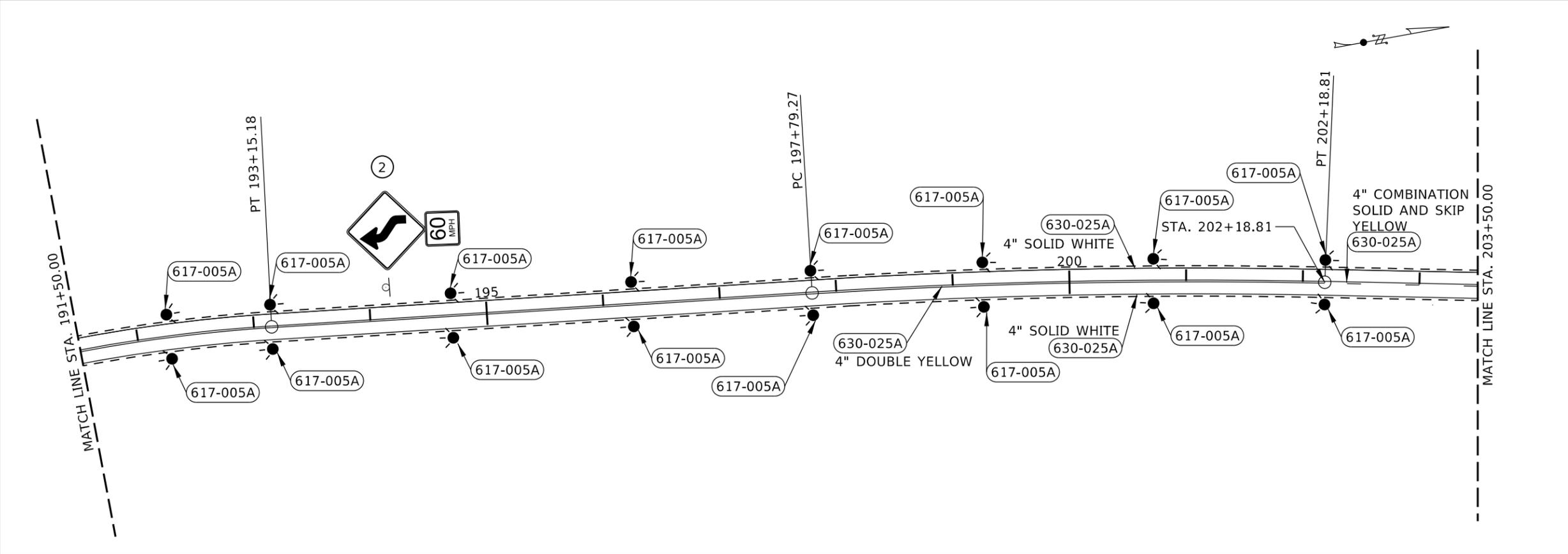
KEY NUMBER 21981
22879 23746 24280

SHEET 104 OF 143

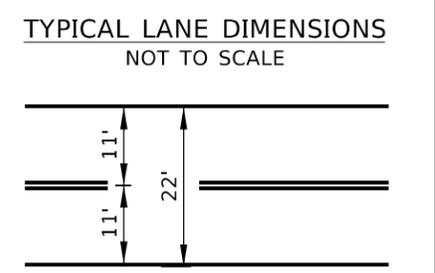




617-005A	DELINEATOR TY 1
36 EACH	
STA. 182+22.00, 19.00' LT	
STA. 182+22.00, 19.00' RT	
STA. 184+35.00, 19.00' LT	
STA. 184+35.00, 19.00' RT	
STA. 185+32.00, 19.00' LT	
STA. 185+32.00, 19.00' RT	
STA. 186+25.00, 19.00' LT	
STA. 186+25.00, 19.00' RT	
STA. 187+24.00, 19.00' LT	
STA. 187+24.00, 19.00' RT	
STA. 187+98.00, 19.00' LT	
STA. 187+98.00, 19.00' RT	
STA. 188+72.00, 19.00' LT	
STA. 188+72.00, 19.00' RT	
STA. 189+61.00, 19.00' LT	
STA. 189+61.00, 19.00' RT	
STA. 190+49.00, 19.00' LT	
STA. 190+49.00, 19.00' RT	
STA. 191+38.00, 19.00' LT	
STA. 191+38.00, 19.00' RT	
STA. 192+27.00, 19.00' LT	
STA. 192+27.00, 19.00' RT	
STA. 193+15.00, 19.00' LT	
STA. 193+15.00, 19.00' RT	
STA. 194+70.00, 19.00' LT	
STA. 194+70.00, 19.00' RT	
STA. 196+25.00, 19.00' LT	
STA. 196+25.00, 19.00' RT	
STA. 197+79.00, 19.00' LT	
STA. 197+79.00, 19.00' RT	
STA. 199+26.00, 19.00' LT	
STA. 199+26.00, 19.00' RT	
STA. 200+72.00, 19.00' LT	
STA. 200+72.00, 19.00' RT	
STA. 202+19.00, 19.00' LT	
STA. 202+19.00, 19.00' RT	



630-025A	LONGITUDINAL PAV MKG - WATERBORNE
7133.40 FT	4" DOUBLE YELLOW
STA. 184+35.46 - 202+18.81	
1529.32 FT	4" SKIP SOLID YELLOW
STA. 179+50.00 - 184+35.46	
STA. 202+18.81 - 203+50.00	
9600.00 FT	4" SOLID WHITE
STA. 179+50.00 - 203+50.00 LT	
STA. 179+50.00 - 203+50.00 RT	



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	H. NELSON	
DETAILED	G. FALLAR	CADD FILE NAME 21981 sign 014.dgn
DRAWING CHECKED	C. BARROW	DRAWING DATE: 22-JUL-2024

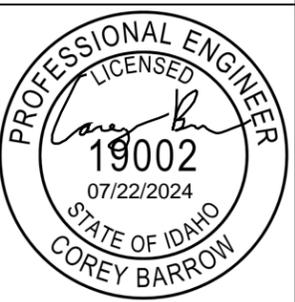
IDAHO TRANSPORTATION DEPARTMENT

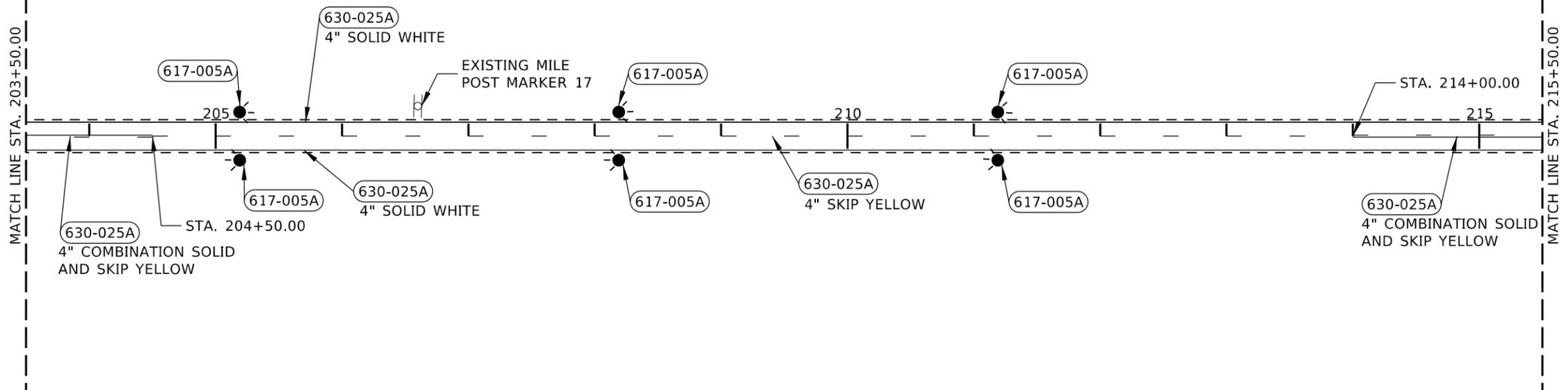
 YOUR Safety-YOUR Mobility-YOUR Economic Opportunity
HMH engineering

PROJECT NO.	A021(981) A022(879) A023(746) A024(280)
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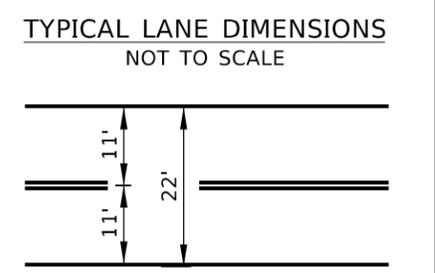
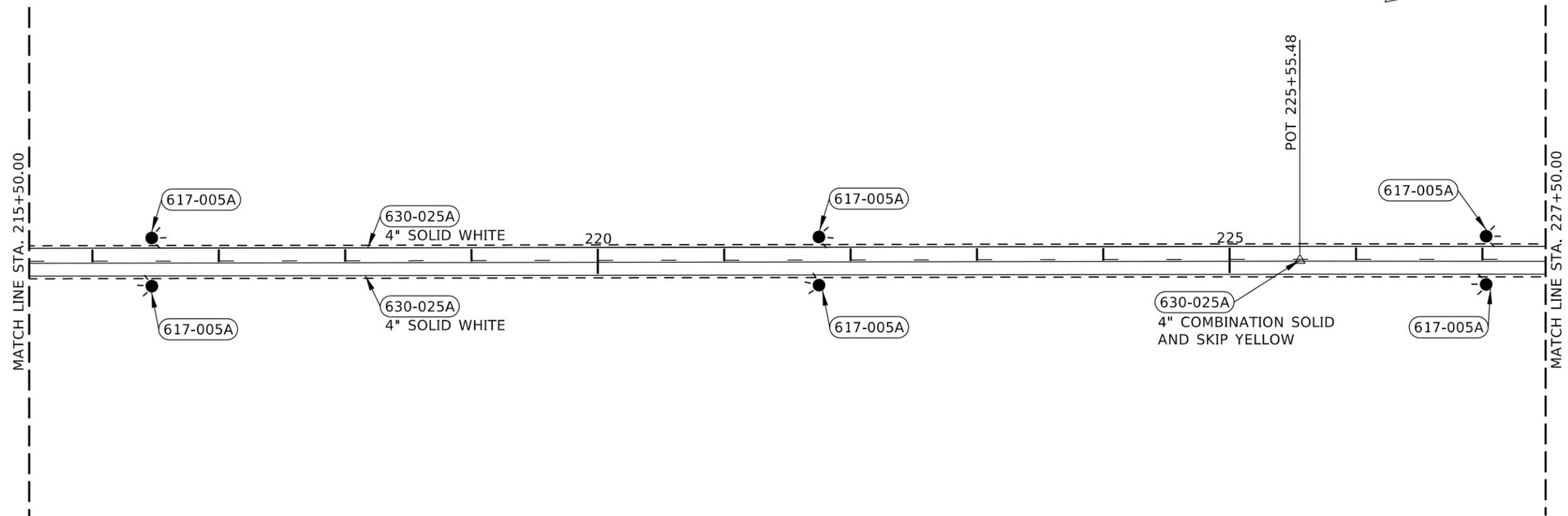
SIGNING & PAVEMENT MARKING PLAN
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 105 OF 143





- (617-005A) DELINEATOR TY1
12 EACH
 STA. 205+19.00, 19.00' LT
 STA. 205+19.00, 19.00' RT
 STA. 208+19.00, 19.00' LT
 STA. 208+19.00, 19.00' RT
 STA. 211+19.00, 19.00' LT
 STA. 211+19.00, 19.00' RT
 STA. 216+47.00, 19.00' LT
 STA. 216+47.00, 19.00' RT
 STA. 221+75.00, 19.00' LT
 STA. 221+75.00, 19.00' RT
 STA. 227+03.00, 19.00' LT
 STA. 227+03.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 456.00 FT 4" SKIP YELLOW
 STA. 204+50.00 - 214+00.00
- 3596.00 FT 4" SKIP SOLID YELLOW
 STA. 203+50.00 - 204+50.00
 STA. 214+00.00 - 227+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 203+50.00 - 227+50.00 LT
 STA. 203+50.00 - 227+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 016.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

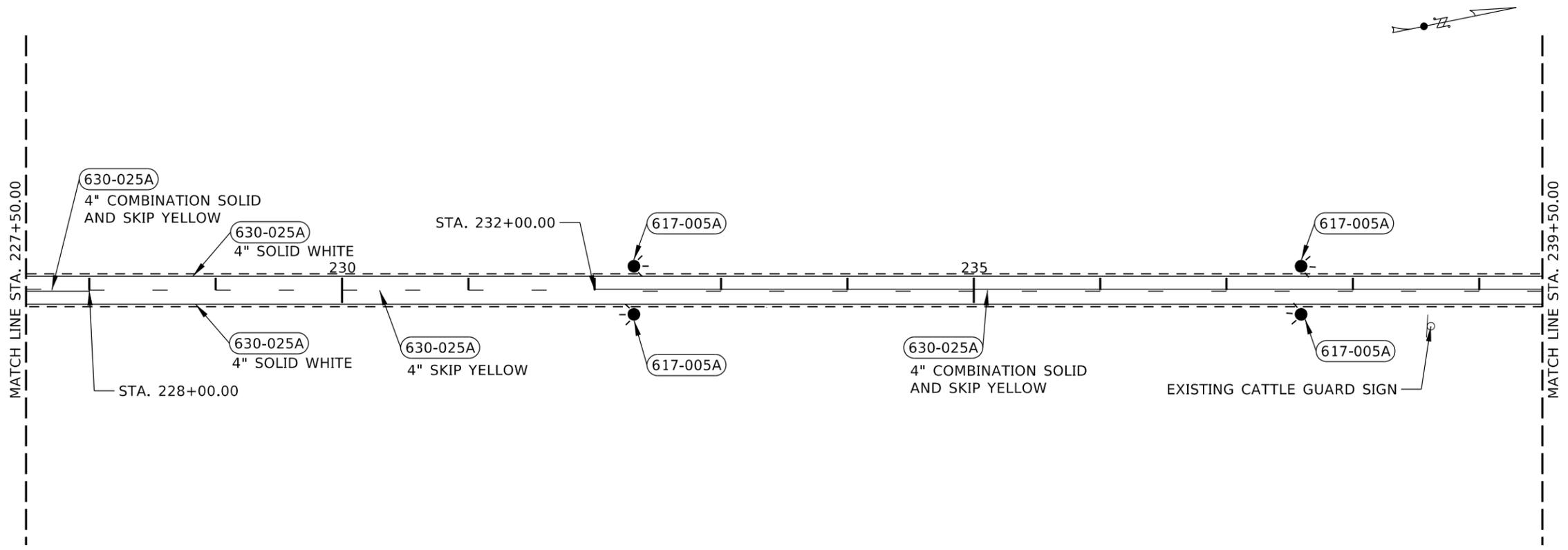
ENGLISH

COUNTY ELMORE

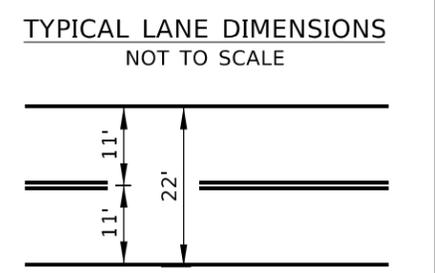
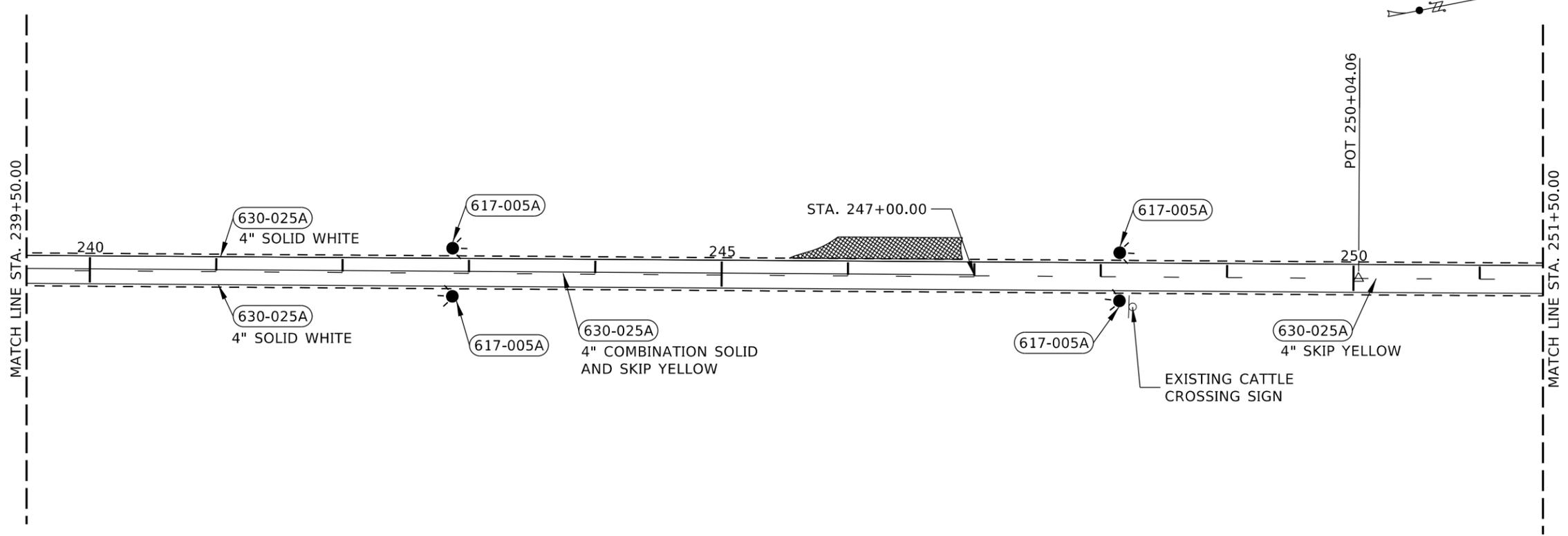
KEY NUMBER 21981
22879 23746 24280

SHEET 106 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 232+31.00, 19.00' LT
 STA. 232+31.00, 19.00' RT
 STA. 237+59.00, 19.00' LT
 STA. 237+59.00, 19.00' RT
 STA. 242+87.00, 19.00' LT
 STA. 242+87.00, 19.00' RT
 STA. 248+15.00, 19.00' LT
 STA. 248+15.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 408.00 FT 4" SKIP YELLOW
 STA. 228+00.00 - 232+00.00
 STA. 247+00.00 - 251+50.00
- 3844.00 FT 4" SKIP SOLID YELLOW
 STA. 227+50.00 - 228+00.00
 STA. 232+00.00 - 247+00.00
- 9600.00 FT 4" SOLID WHITE
 STA. 227+50.00 - 251+50.00 LT
 STA. 227+50.00 - 251+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 018.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

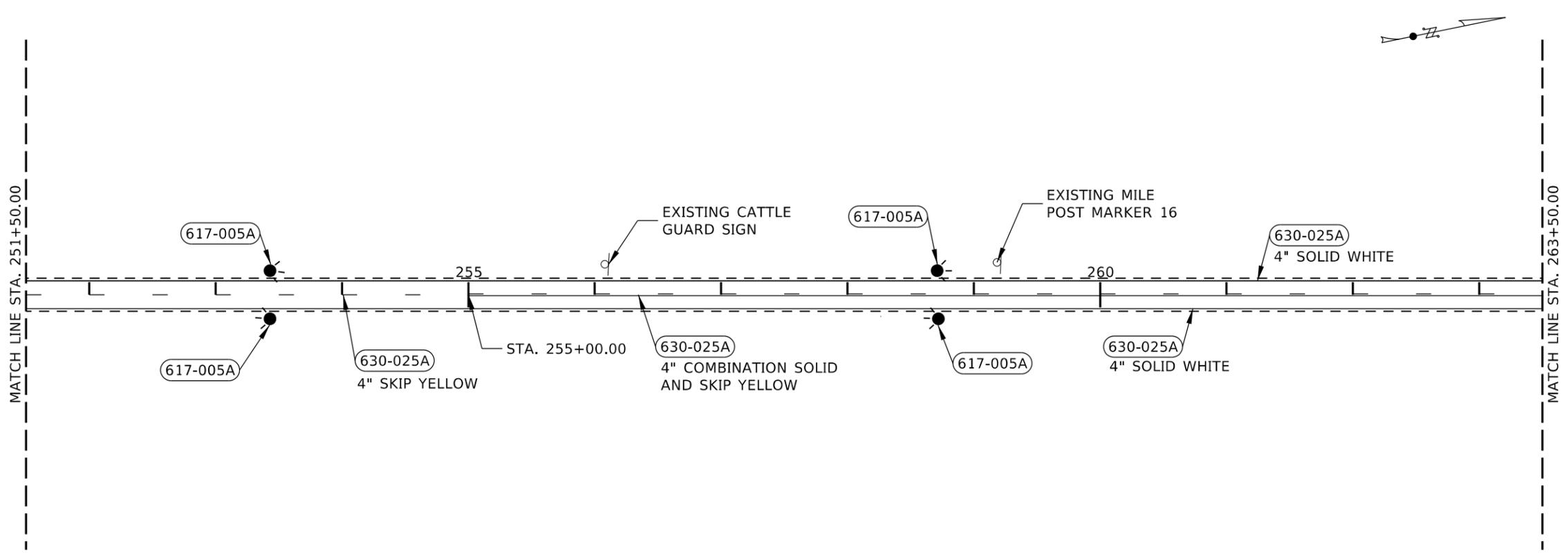
ENGLISH

COUNTY ELMORE

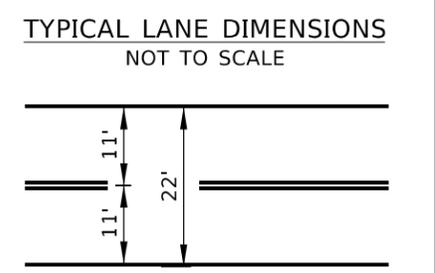
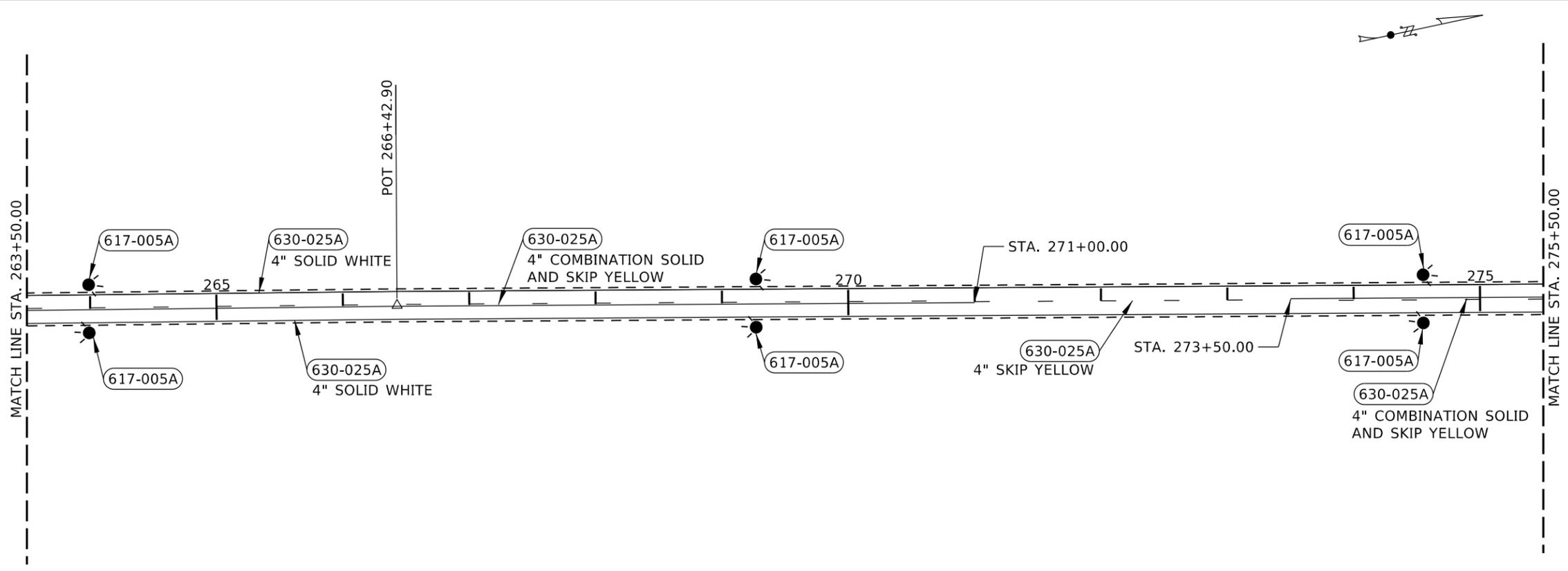
KEY NUMBER 21981
22879 23746 24280

SHEET 107 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 253+43.00, 19.00 LT
 STA. 253+43.00, 19.00 RT
 STA. 258+71.00, 19.00 LT
 STA. 258+71.00, 19.00 RT
 STA. 263+99.00, 19.00 LT
 STA. 263+99.00, 19.00 RT
 STA. 269+27.00, 19.00 LT
 STA. 269+27.00, 19.00 RT
 STA. 274+55.00, 19.00 LT
 STA. 274+55.00, 19.00 RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 288.00 FT 4" SKIP YELLOW
 STA. 251+50.00 - 255+00.00
 STA. 271+00.00 - 273+50.00
- 4464.00 FT 4" SKIP SOLID YELLOW
 STA. 255+00.00 - 271+00.00
 STA. 273+50.00 - 275+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 251+50.00 - 275+50.00 LT
 STA. 251+50.00 - 275+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 020.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

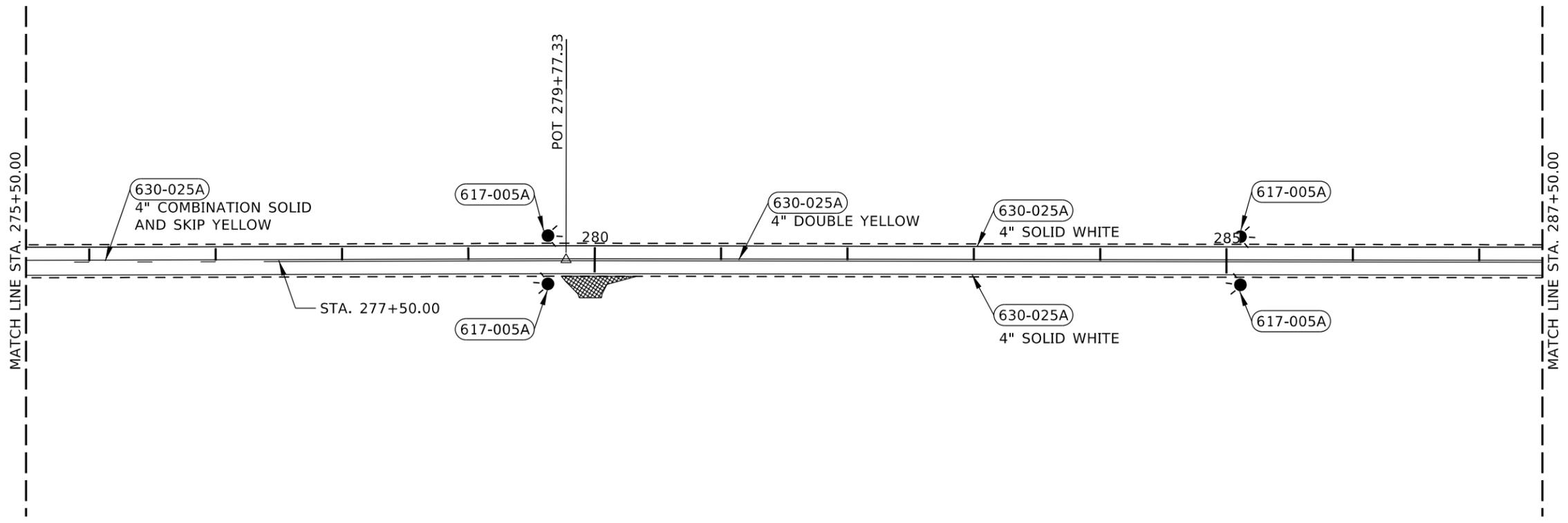
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

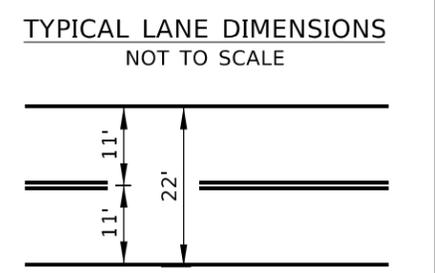
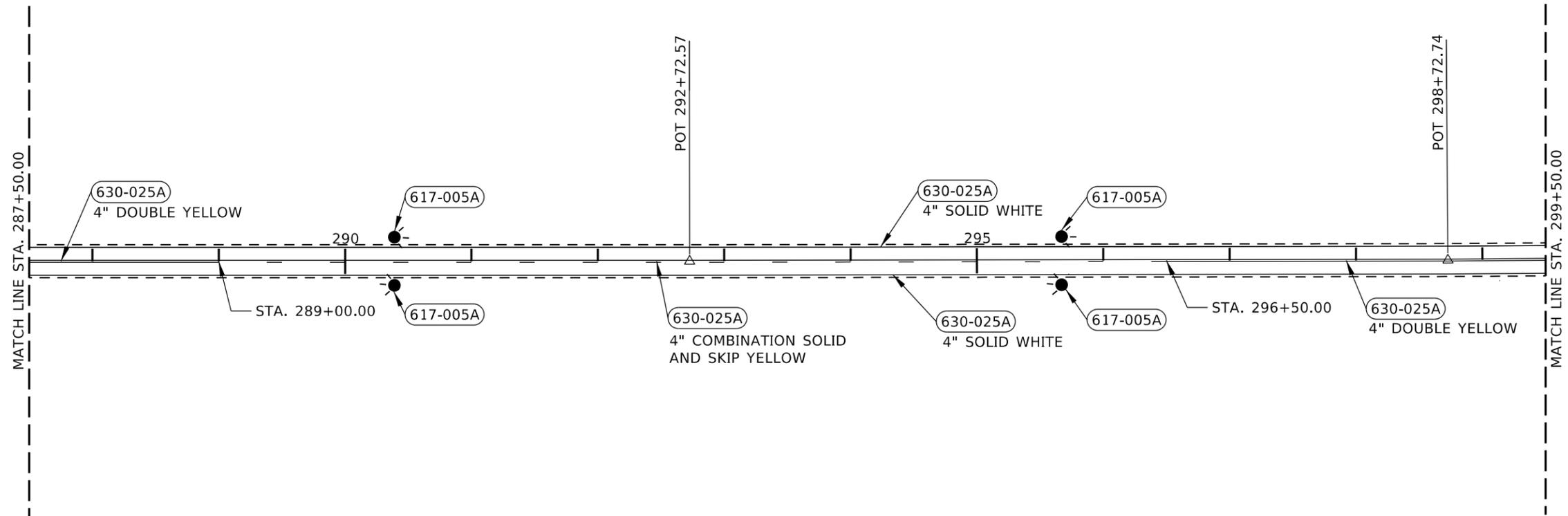
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 108 OF 143	





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 279+63.00, 19.00' LT
 STA. 279+63.00, 19.00' RT
 STA. 285+11.00, 19.00' LT
 STA. 285+11.00, 19.00' RT
 STA. 290+39.00, 19.00' LT
 STA. 290+39.00, 19.00' RT
 STA. 296+50.00, 19.00' LT
 STA. 296+50.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 2356.00 FT 4" SKIP SOLID YELLOW
 STA. 275+50.00 - 277+50.00
 STA. 289+00.00 - 296+50.00
- 5800.00 FT 4" DOUBLE YELLOW
 STA. 277+50.00 - 289+00.00
 STA. 296+50.00 - 299+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 275+50.00 - 299+50.00 LT
 STA. 275+50.00 - 299+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 022.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

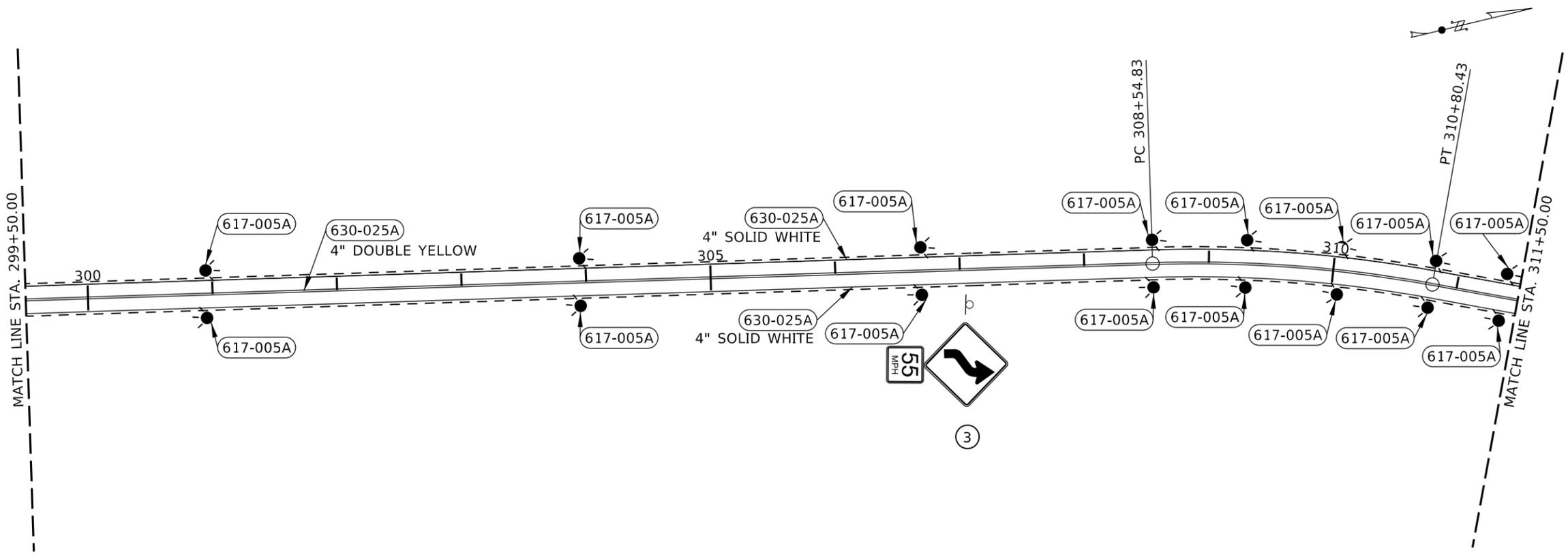
ENGLISH

COUNTY ELMORE

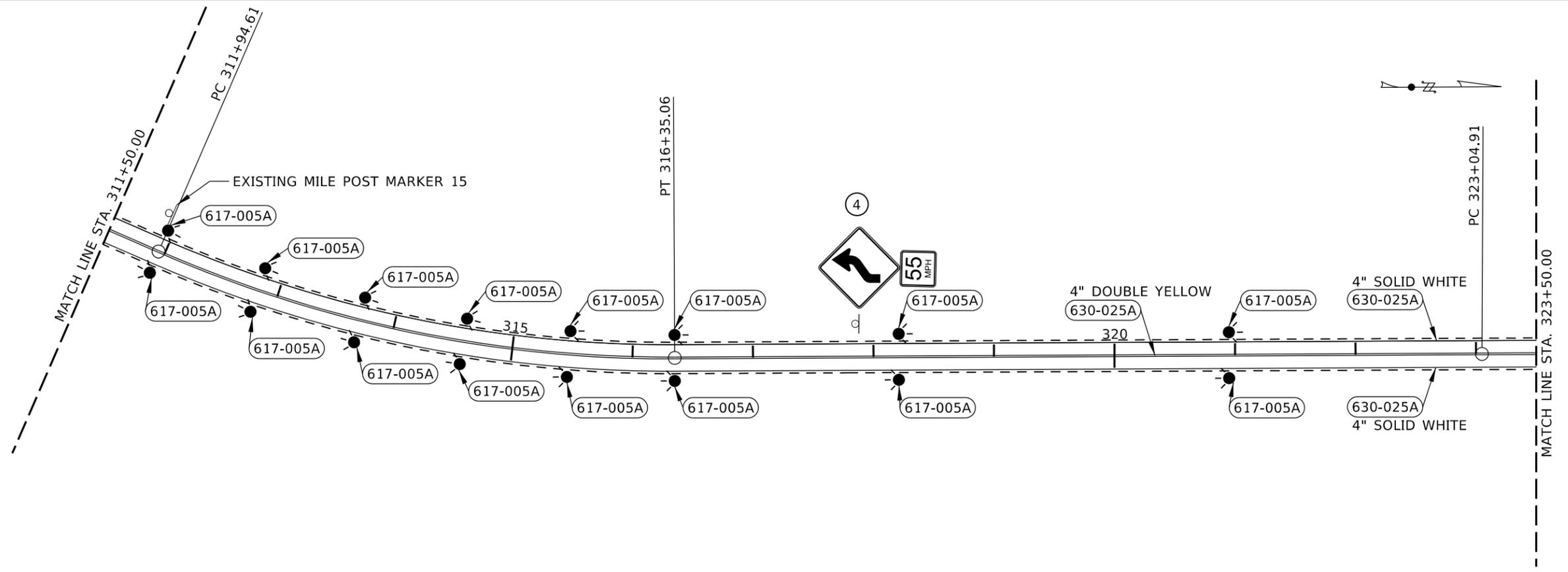
KEY NUMBER 21981
22879 23746 24280

SHEET 109 OF 143

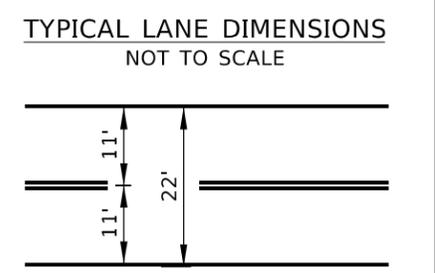




- (617-005A) DELINEATOR TY 1
32 EACH
- STA. 300+95.00, 19.00' LT
- STA. 300+95.00, 19.00' RT
- STA. 303+95.00, 19.00' LT
- STA. 303+95.00, 19.00' RT
- STA. 306+69.00, 19.00' LT
- STA. 306+69.00, 19.00' RT
- STA. 308+55.00, 19.00' LT
- STA. 308+55.00, 19.00' RT
- STA. 309+30.00, 19.00' LT
- STA. 309+30.00, 19.00' RT
- STA. 310+05.00, 19.00' LT
- STA. 310+05.00, 19.00' RT
- STA. 310+80.00, 19.00' LT
- STA. 310+80.00, 19.00' RT
- STA. 311+38.00, 19.00' LT
- STA. 311+38.00, 19.00' RT
- STA. 311+95.00, 19.00' LT
- STA. 311+95.00, 19.00' RT
- STA. 312+83.00, 19.00' LT
- STA. 312+83.00, 19.00' RT
- STA. 313+71.00, 19.00' LT
- STA. 313+71.00, 19.00' RT
- STA. 314+59.00, 19.00' LT
- STA. 314+59.00, 19.00' RT
- STA. 315+47.00, 19.00' LT
- STA. 315+47.00, 19.00' RT
- STA. 316+35.00, 19.00' LT
- STA. 316+35.00, 19.00' RT
- STA. 318+21.00, 19.00' LT
- STA. 318+21.00, 19.00' RT
- STA. 320+95.00, 19.00' LT
- STA. 320+95.00, 19.00' RT



- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
- 9600.00 FT 4" DOUBLE YELLOW
STA. 299+50.00 - 323+50.00
- 9600.00 FT 4" SOLID WHITE
STA. 299+50.00 - 323+50.00



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 024.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

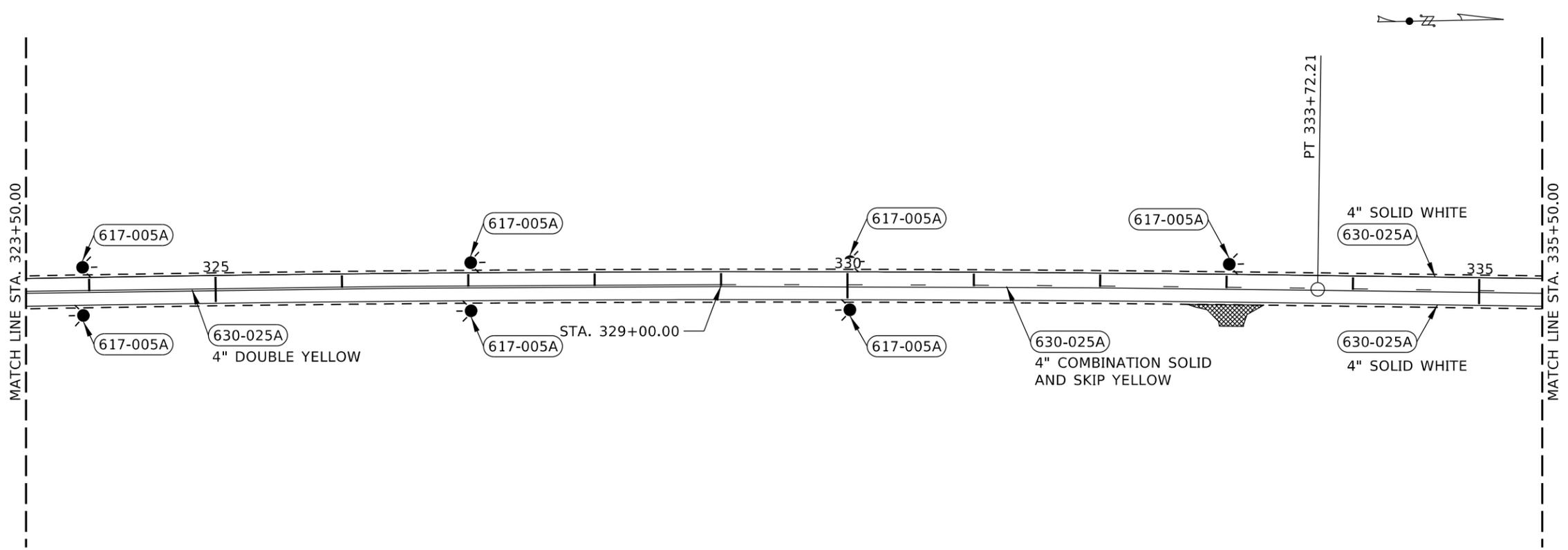
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

**SIMCO ROAD REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT**

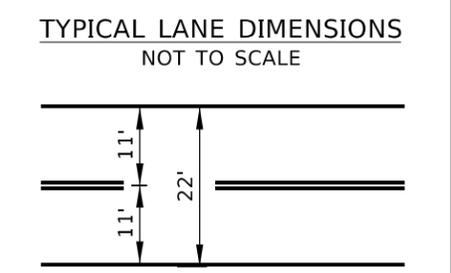
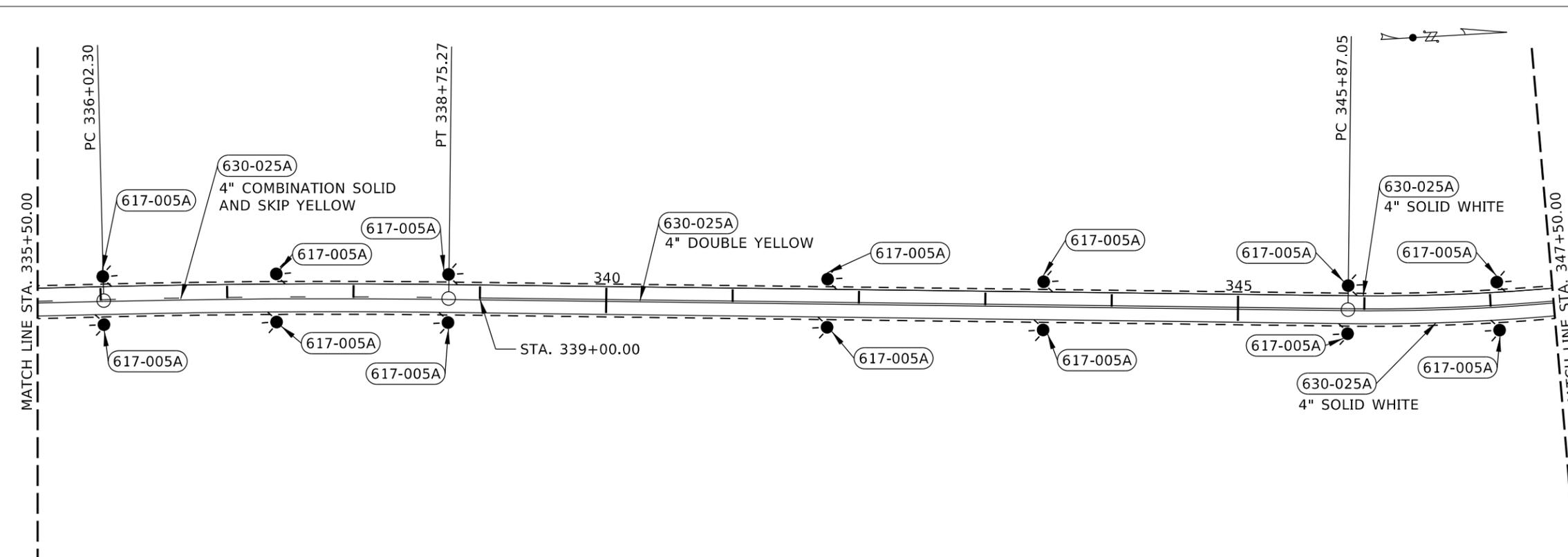
ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 110 OF 143	





- (617-005A) DELINEATOR TY 1**
21 EACH
 - STA. 323+95.00, 19.00' LT
 - STA. 323+95.00, 19.00' RT
 - STA. 327+02.00, 19.00' LT
 - STA. 327+02.00, 19.00' RT
 - STA. 330+02.00, 19.00' LT
 - STA. 330+02.00, 19.00' RT
 - STA. 333+02.00, 19.00' LT
 - STA. 336+02.00, 19.00' LT
 - STA. 336+02.00, 19.00' RT
 - STA. 337+39.00, 19.00' LT
 - STA. 337+39.00, 19.00' RT
 - STA. 338+75.00, 19.00' LT
 - STA. 338+75.00, 19.00' RT
 - STA. 341+75.00, 19.00' LT
 - STA. 341+75.00, 19.00' RT
 - STA. 343+46.00, 19.00' LT
 - STA. 343+46.00, 19.00' RT
 - STA. 345+87.00, 19.00' LT
 - STA. 345+87.00, 19.00' RT
 - STA. 347+06.00, 19.00' LT
 - STA. 347+06.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE**
 - 2480.00 FT 4" SKIP SOLID YELLOW
STA. 329+00.00 - 339+00.00
 - 5600.00 FT 4" DOUBLE YELLOW
STA. 323+50.00 - 329+00.00
STA. 339+00.00 - 347+50.00
 - 9600.00 FT 4" SOLID WHITE
STA. 323+50.00 - 347+50.00 LT
STA. 323+50.00 - 347+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 026.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

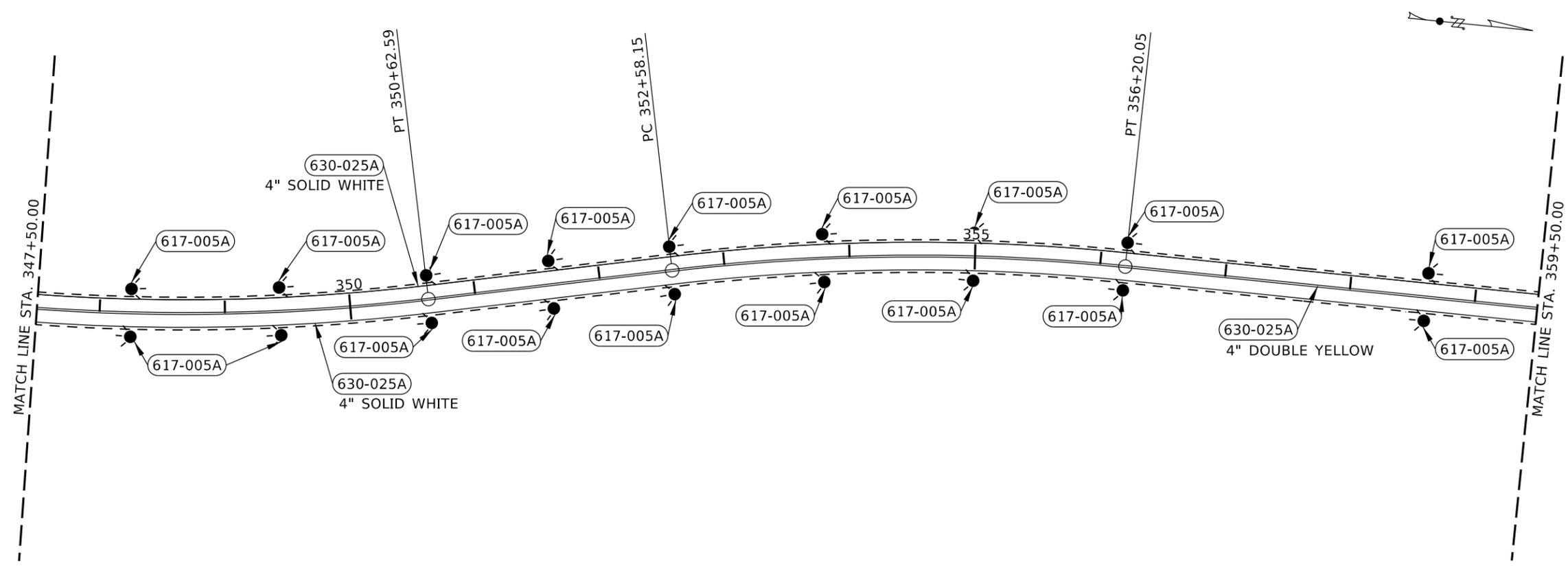
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

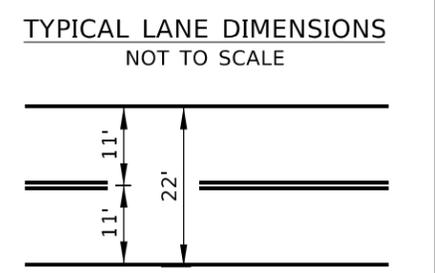
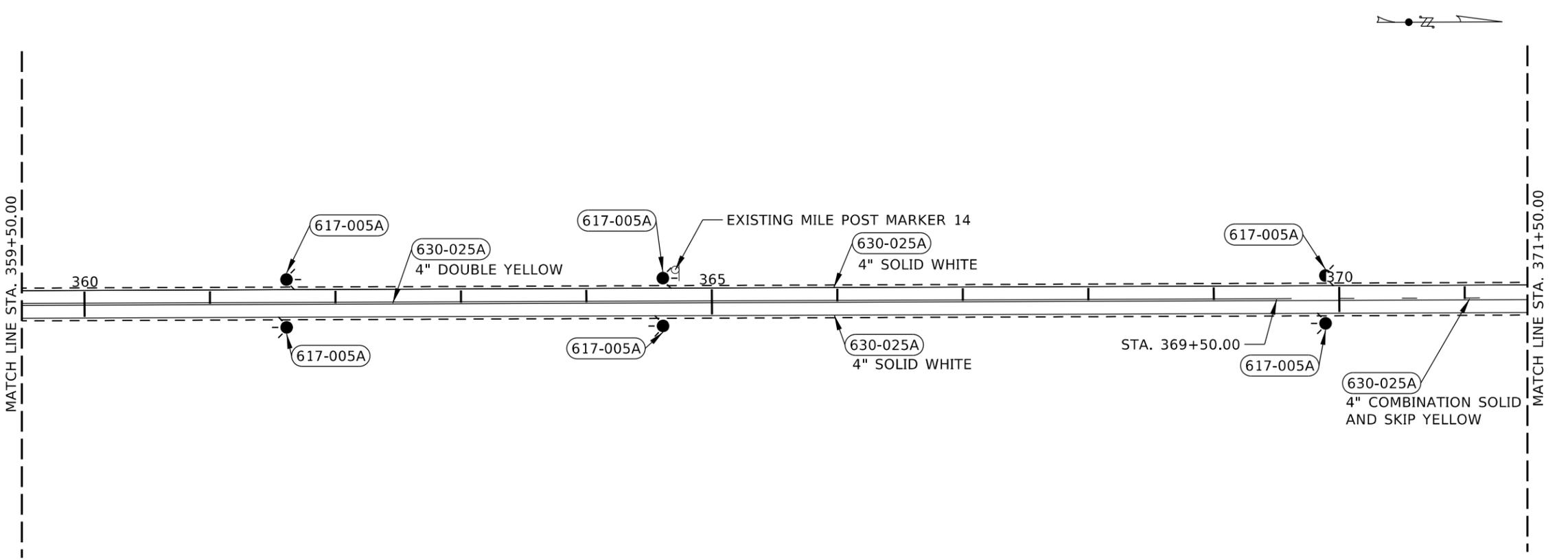
ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 111 OF 143	





- (617-005A) DELINEATOR TY 1
24 EACH
- STA. 348+25.00, 19.00' LT
- STA. 348+25.00, 19.00' RT
- STA. 349+44.00, 19.00' LT
- STA. 349+44.00, 19.00' RT
- STA. 350+63.00, 19.00' LT
- STA. 350+63.00, 19.00' RT
- STA. 351+61.00, 19.00' LT
- STA. 351+61.00, 19.00' RT
- STA. 352+58.00, 19.00' LT
- STA. 352+58.00, 19.00' RT
- STA. 353+79.00, 19.00' LT
- STA. 353+79.00, 19.00' RT
- STA. 354+99.00, 19.00' LT
- STA. 354+99.00, 19.00' RT
- STA. 356+20.00, 19.00' LT
- STA. 356+20.00, 19.00' RT
- STA. 358+61.00, 19.00' LT
- STA. 358+61.00, 19.00' RT
- STA. 361+61.00, 19.00' LT
- STA. 361+61.00, 19.00' RT
- STA. 364+61.00, 19.00' LT
- STA. 364+61.00, 19.00' RT
- STA. 369+89.00, 19.00' LT
- STA. 369+89.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
- 496.00 FT 4" SKIP SOLID YELLOW
STA. 369+50.00 - 371+50.00
- 8800.00 FT 4" DOUBLE YELLOW
STA. 347+50.00 - 369+50.00
- 9600.00 FT 4" SOLID WHITE
STA. 347+50.00 - 371+50.00 LT
STA. 347+50.00 - 371+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 028.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

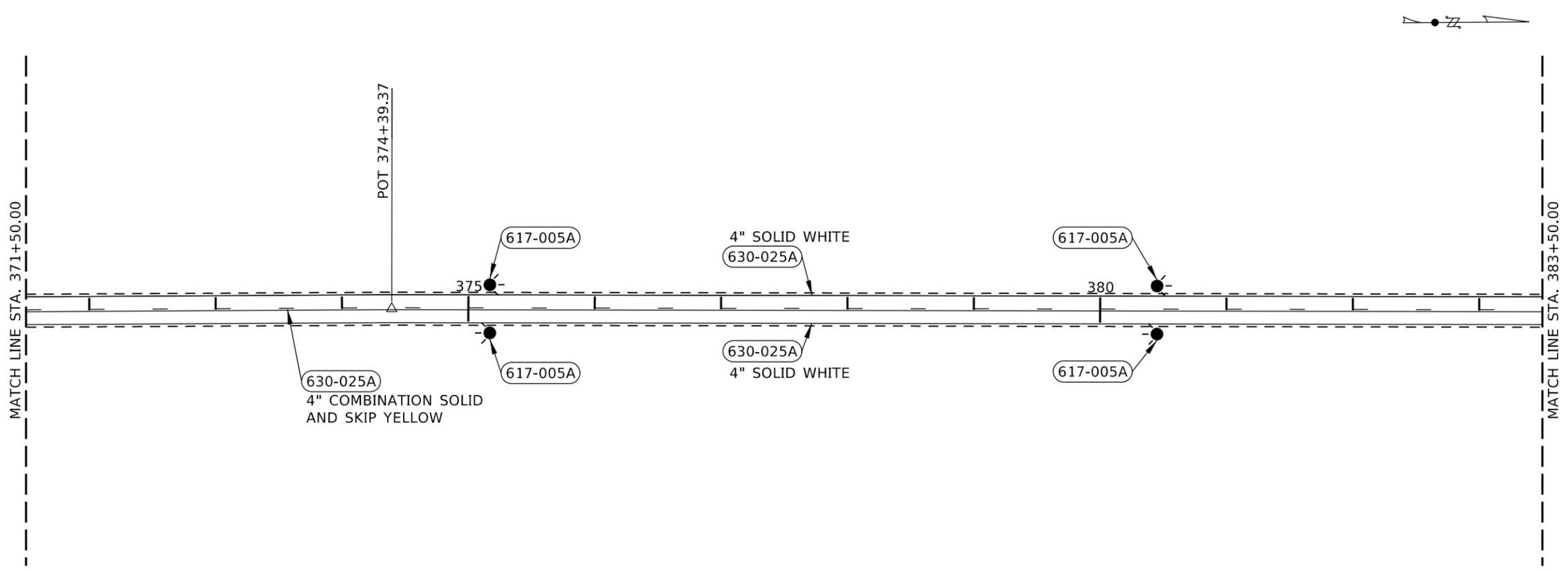
ENGLISH

COUNTY ELMORE

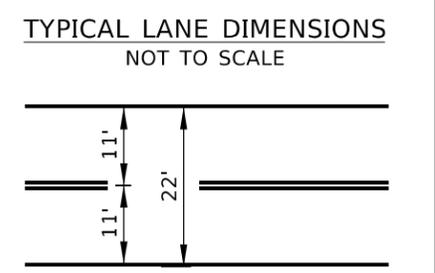
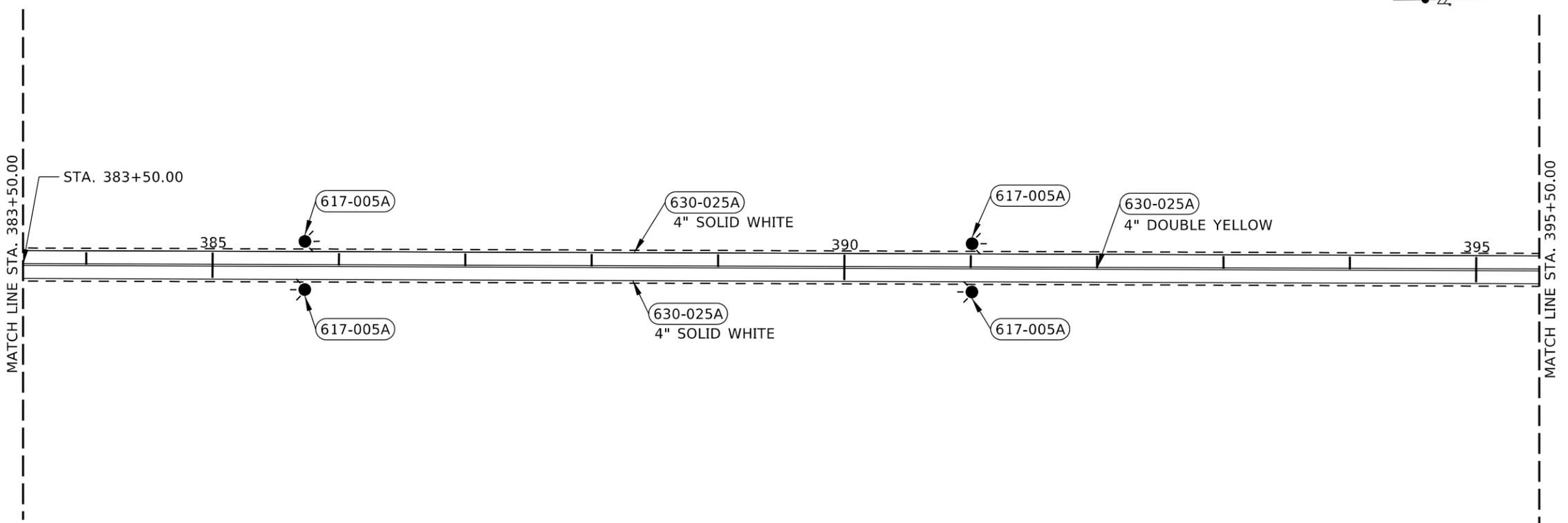
KEY NUMBER 21981
22879 23746 24280

SHEET 112 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 375+17.00, 19.00' LT
 STA. 375+17.00, 19.00' RT
 STA. 380+45.00, 19.00' LT
 STA. 380+45.00, 19.00' RT
 STA. 385+73.00, 19.00' LT
 STA. 385+73.00, 19.00' RT
 STA. 391+01.00, 19.00' LT
 STA. 391+01.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 2976.00 FT 4" SKIP SOLID YELLOW
 STA. 371+50.00 - 383+50.00
- 4800.00 FT 4" DOUBLE YELLOW
 STA. 383+50.00 - 395+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 371+50.00 - 395+50.00 LT
 STA. 371+50.00 - 395+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 sign 030.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

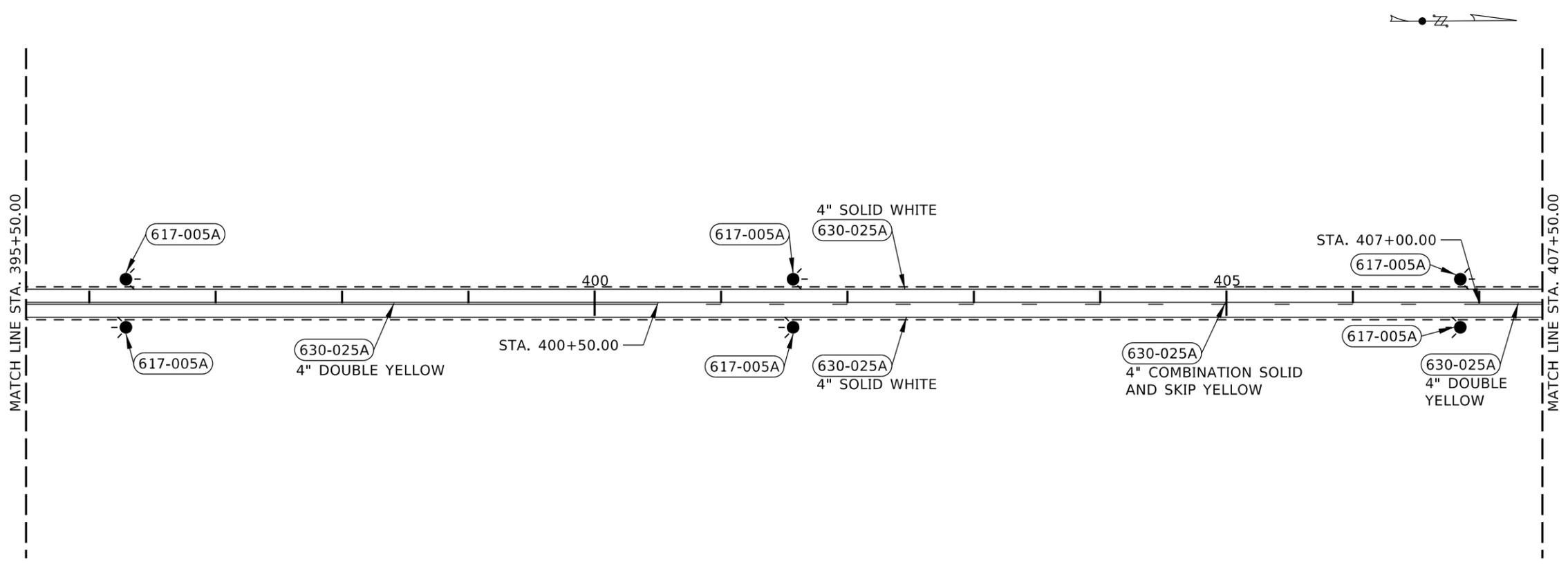
ENGLISH

COUNTY: ELMORE

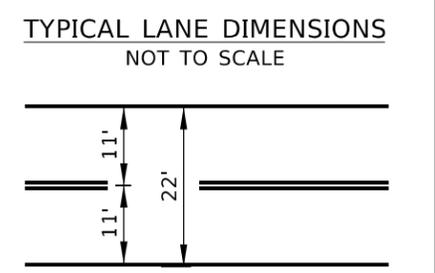
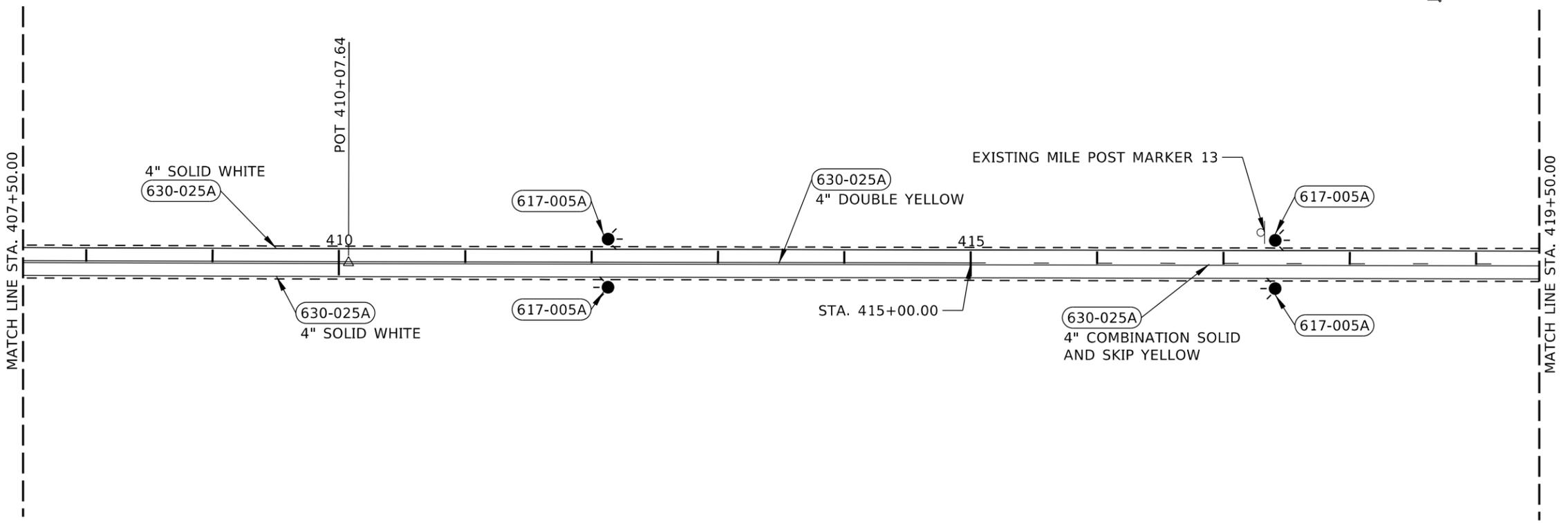
KEY NUMBER: 21981 22879 23746 24280

SHEET 113 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 396+29.00, 19.00' LT
 STA. 396+29.00, 19.00' RT
 STA. 401+57.00, 19.00' LT
 STA. 401+57.00, 19.00' RT
 STA. 406+85.00, 19.00' LT
 STA. 406+85.00, 19.00' RT
 STA. 412+13.00, 19.00' LT
 STA. 412+13.00, 19.00' RT
 STA. 417+41.00, 19.00' LT
 STA. 417+41.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 5200.00 FT 4" DOUBLE YELLOW
 STA. 395+50.00 - 400+50.00
 STA. 407+00.00 - 415+00.00
- 2728.00 FT 4" SKIP SOLID YELLOW
 STA. 400+50.00 - 407+00.00
 STA. 415+00.00 - 419+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 395+50.00 - 419+50.00 LT
 STA. 395+50.00 - 419+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 032.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

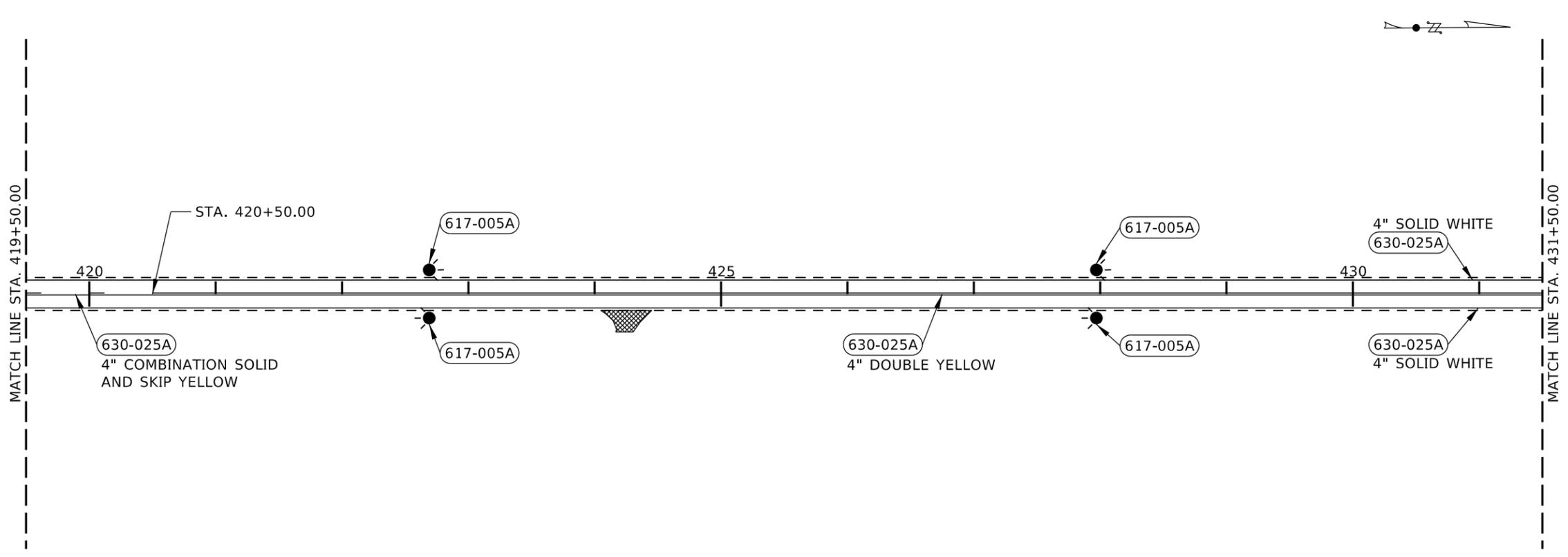
ENGLISH

COUNTY ELMORE

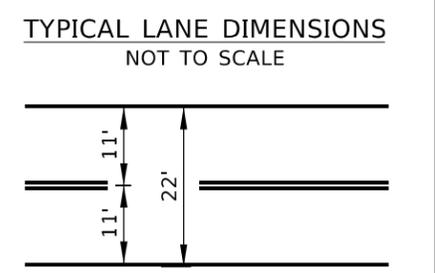
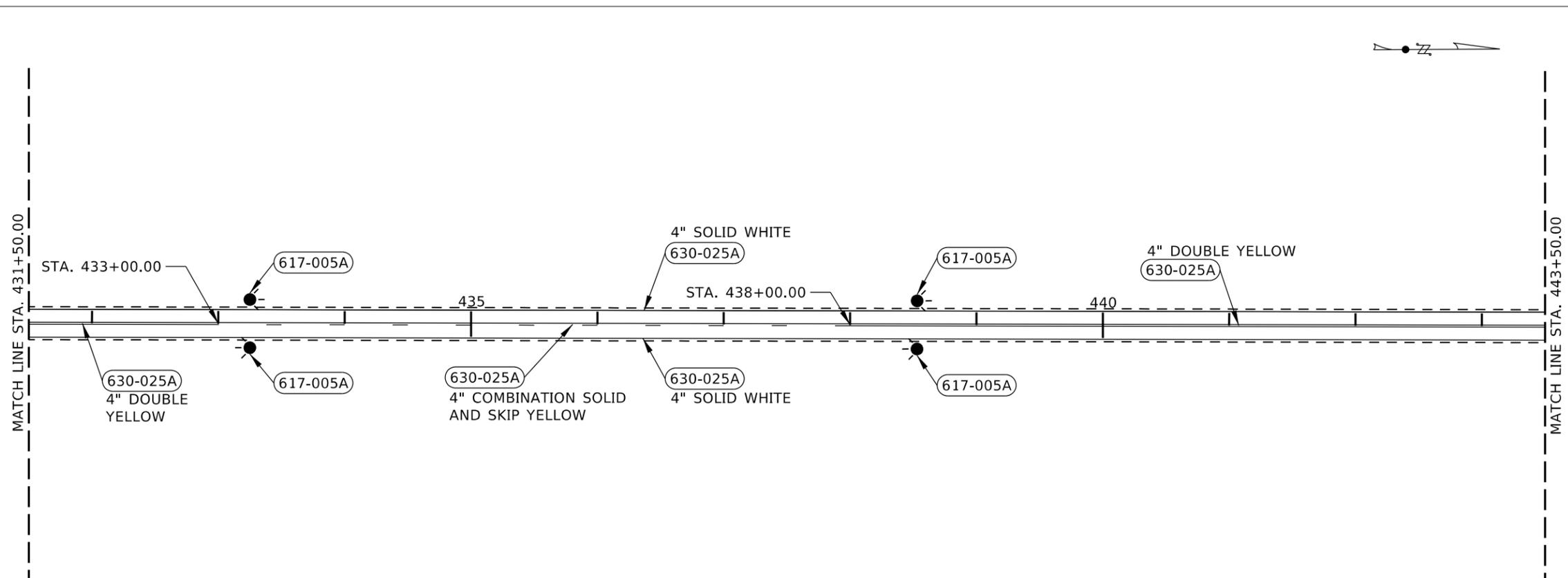
KEY NUMBER 21981
22879 23746 24280

SHEET 114 OF 143





- (617-005A) DELLINEATOR TY 1
8 EACH
STA. 422+69.00, 19.00 LT
STA. 422+69.00, 19.00 RT
STA. 427+97.00, 19.00 LT
STA. 427+97.00, 19.00 RT
STA. 433+25.00, 19.00 LT
STA. 433+25.00, 19.00 RT
STA. 438+53.00, 19.00 LT
STA. 438+53.00, 19.00 RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
7200.00 FT 4" DOUBLE YELLOW
STA. 420+50.00 - 433+00.00
STA. 438+00.00 - 443+50.00
- 1488.00 FT 4" SKIP SOLID YELLOW
STA. 419+50.00 - 420+50.00
STA. 433+00.00 - 438+00.00
- 9600.00 FT 4" SOLID WHITE
STA. 419+50.00 - 443+50.00 LT
STA. 419+50.00 - 443+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 034.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

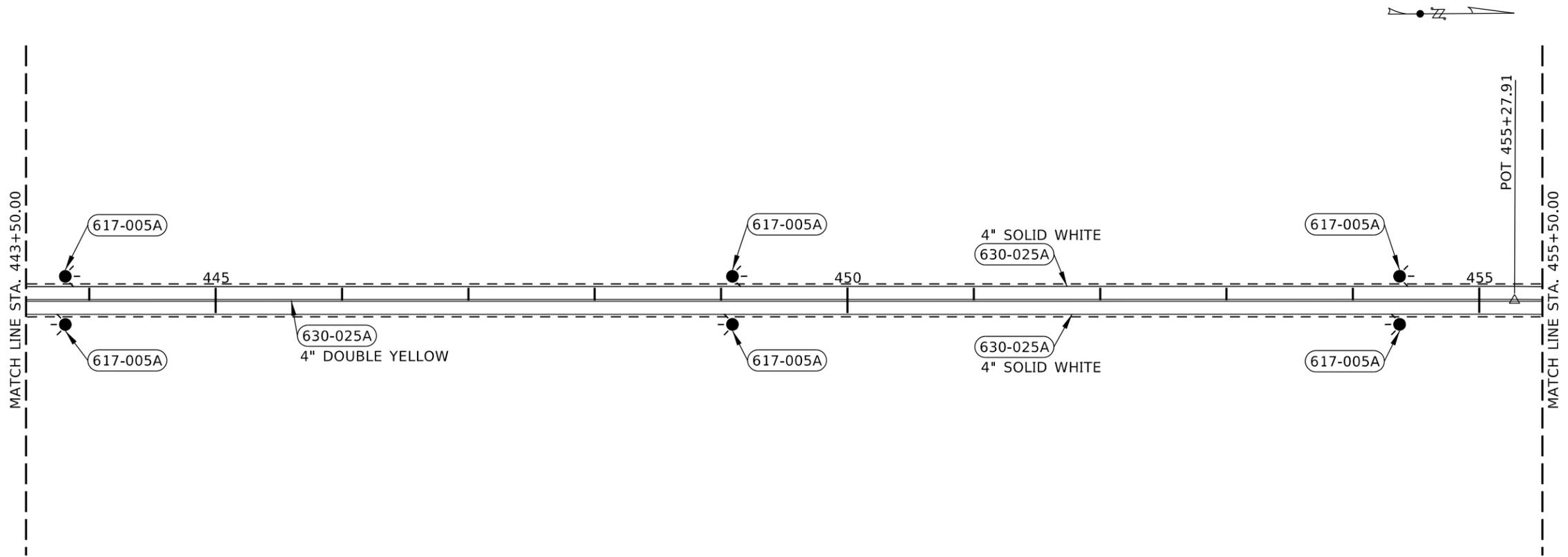
ENGLISH

COUNTY ELMORE

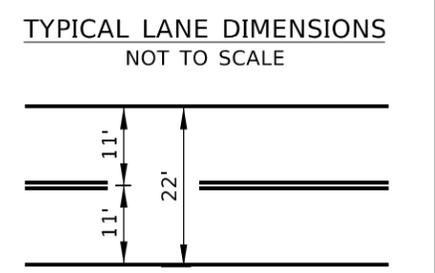
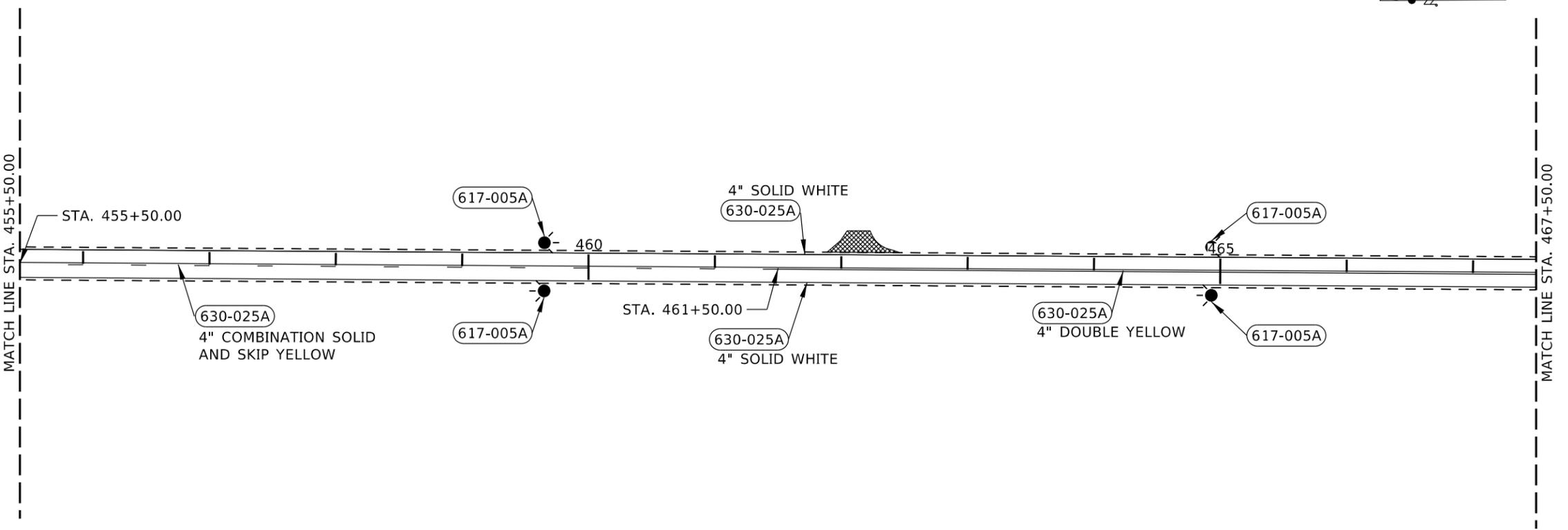
KEY NUMBER 21981
22879 23746 24280

SHEET 115 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 443+81.00, 19.00' LT
 STA. 443+81.00, 19.00' RT
 STA. 449+09.00, 19.00' LT
 STA. 449+09.00, 19.00' RT
 STA. 454+37.00, 19.00' LT
 STA. 454+37.00, 19.00' RT
 STA. 459+65.00, 19.00' LT
 STA. 459+65.00, 19.00' RT
 STA. 464+93.00, 19.00' LT
 STA. 464+93.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 7200.00 FT 4" DOUBLE YELLOW
 STA. 443+50.00 - 455+50.00
 STA. 461+50.00 - 467+50.00
- 1488.00 FT 4" SKIP SOLID YELLOW
 STA. 455+50.00 - 461+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 443+50.00 - 467+50.00 LT
 STA. 443+50.00 - 467+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 036.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

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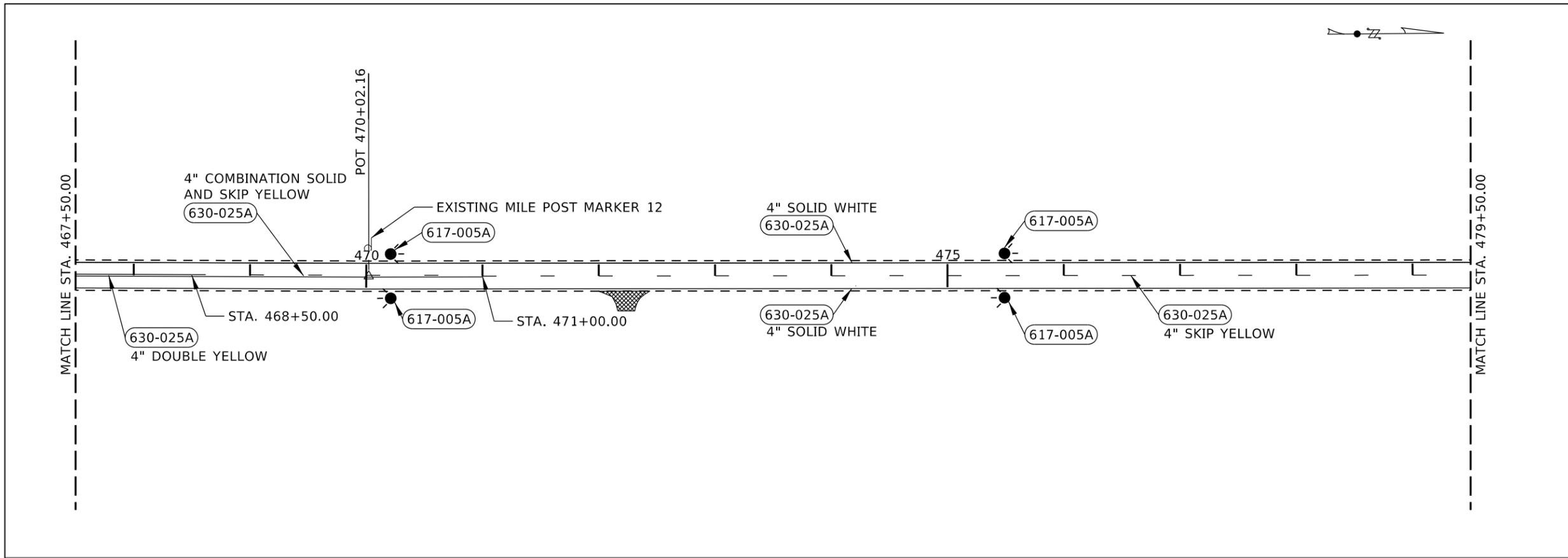
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

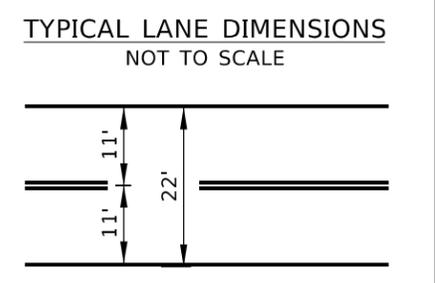
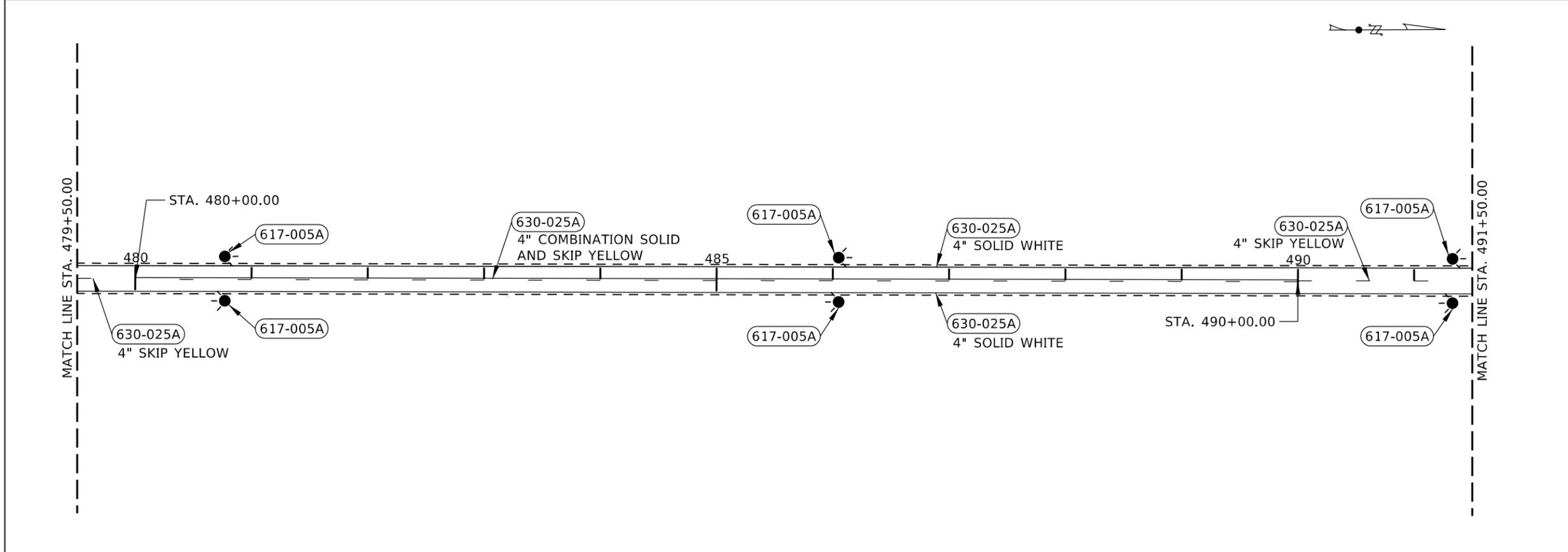
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 116 OF 143	





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 470+21.00, 19.00' LT
 STA. 470+21.00, 19.00' RT
 STA. 475+49.00, 19.00' LT
 STA. 475+49.00, 19.00' RT
 STA. 480+77.00, 19.00' LT
 STA. 480+77.00, 19.00' RT
 STA. 486+05.00, 19.00' LT
 STA. 486+05.00, 19.00' RT
 STA. 491+33.00, 19.00' LT
 STA. 491+33.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 400.00 FT 4" DOUBLE YELLOW
 STA. 467+50.00 - 468+50.00
- 504.00 FT 4" SKIP YELLOW
 STA. 471+00.00 - 480+00.00
 STA. 490+00.00 - 491+50.00
- 3100.00 FT 4" SKIP SOLID YELLOW
 STA. 468+50.00 - 471+00.00
 STA. 480+00.00 - 490+00.00
- 9600.00 FT 4" SOLID WHITE
 STA. 467+50.00 - 491+50.00 LT
 STA. 467+50.00 - 491+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 038.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO
TRANSPORTATION
DEPARTMENT


 YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

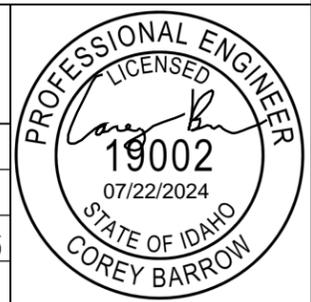
HMH engineering

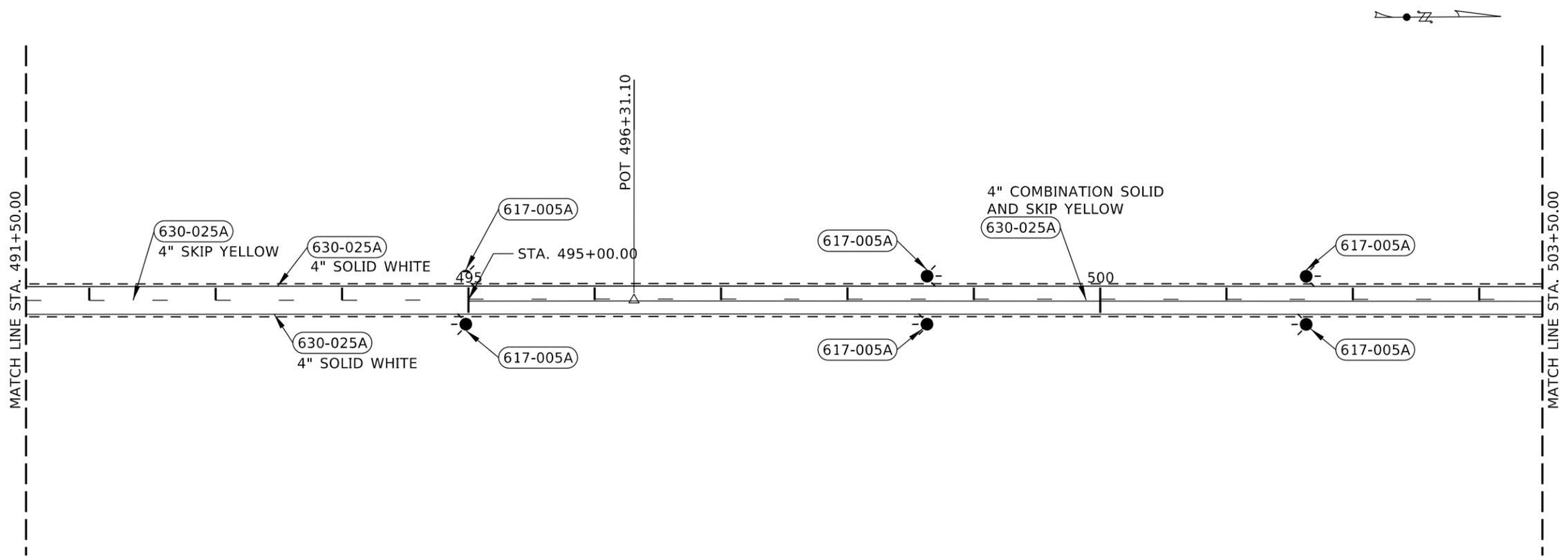
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

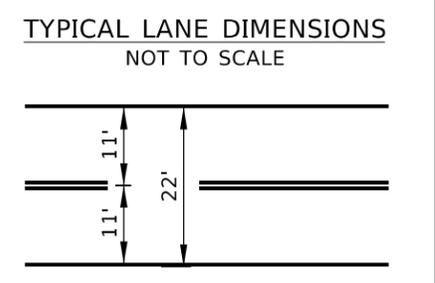
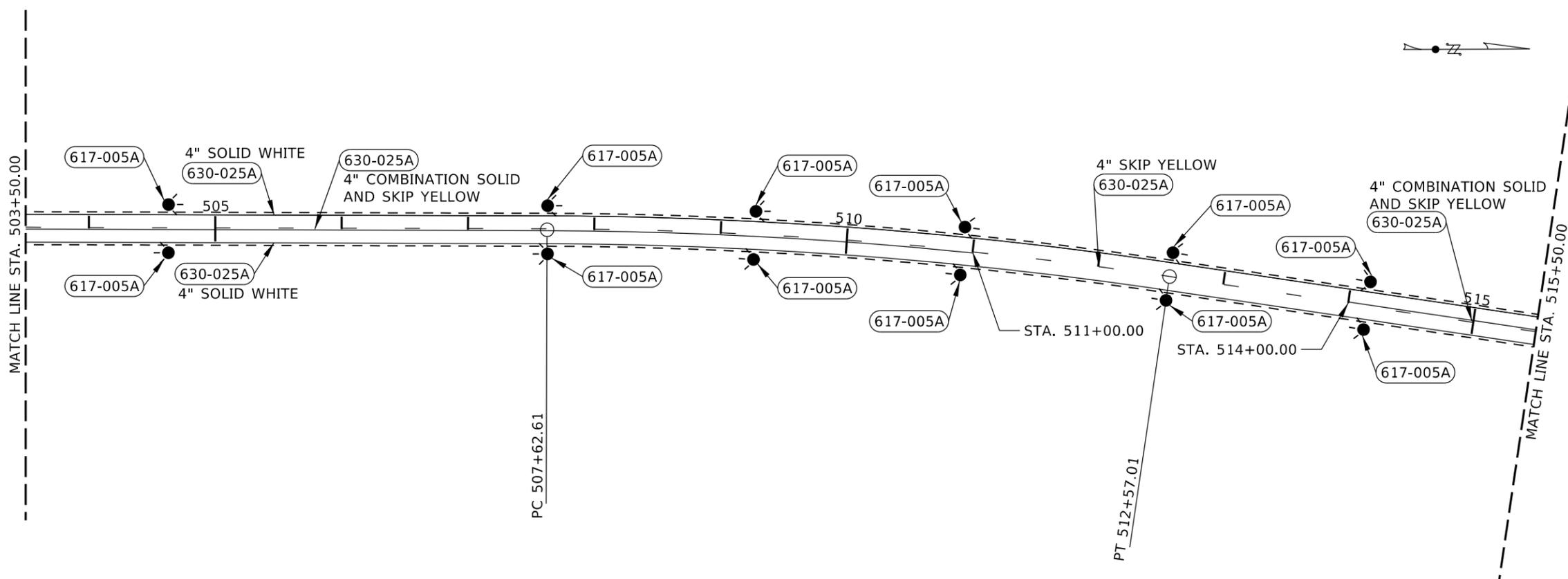
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	117 OF 143





- 617-005A** DELINEATOR TY 1
18 EACH
 STA. 494+98.00, 19.00' LT
 STA. 494+98.00, 19.00' RT
 STA. 498+63.00, 19.00' LT
 STA. 498+63.00, 19.00' RT
 STA. 501+63.00, 19.00' LT
 STA. 501+63.00, 19.00' RT
 STA. 504+63.00, 19.00' LT
 STA. 504+63.00, 19.00' RT
 STA. 507+63.00, 19.00' LT
 STA. 507+63.00, 19.00' RT
 STA. 509+27.00, 19.00' LT
 STA. 509+27.00, 19.00' RT
 STA. 510+92.00, 19.00' LT
 STA. 510+92.00, 19.00' RT
 STA. 512+57.00, 19.00' LT
 STA. 512+57.00, 19.00' RT
 STA. 514+15.00, 19.00' LT
 STA. 514+15.00, 19.00' RT
- 630-025A** LONGITUDINAL PAV MKG - WATERBORNE
 312.00 FT 4" SKIP YELLOW
 STA. 491+50.00 - 495+00.00
 STA. 511+00.00 - 514+00.00
- 4340.00 FT 4" SKIP SOLID YELLOW
 STA. 495+00.00 - 511+00.00
 STA. 514+00.00 - 515+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 491+50.00 - 515+50.00 LT
 STA. 491+50.00 - 515+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME: 21981_sign_040.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

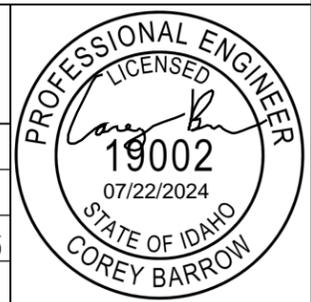
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

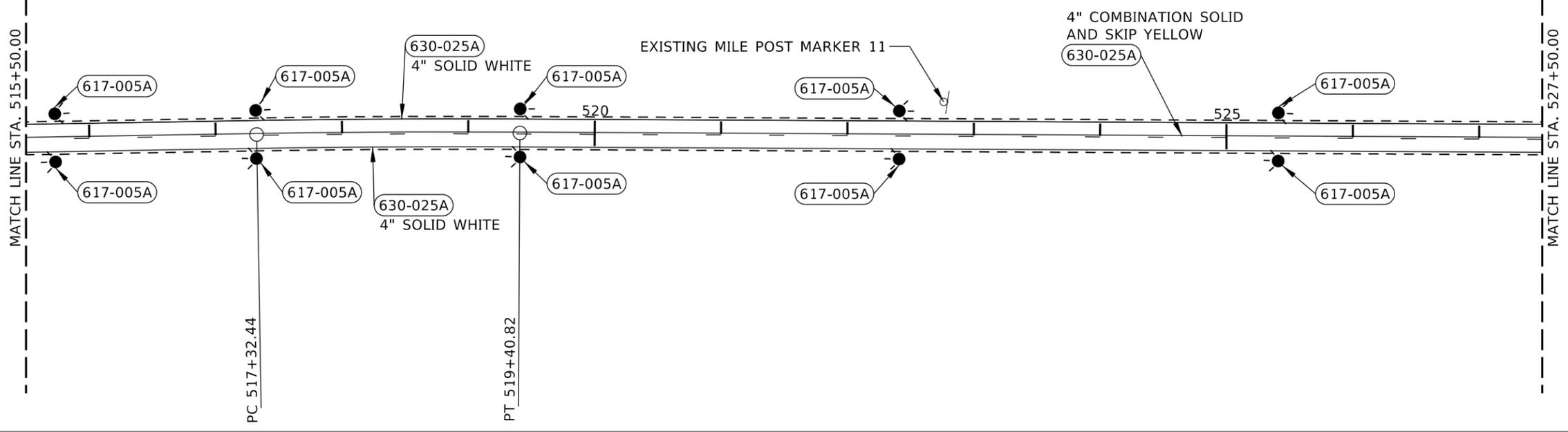
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

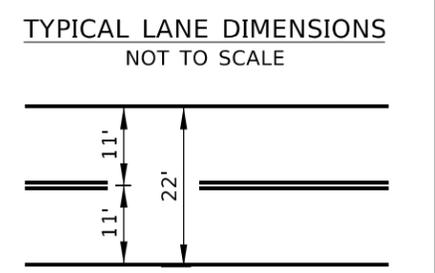
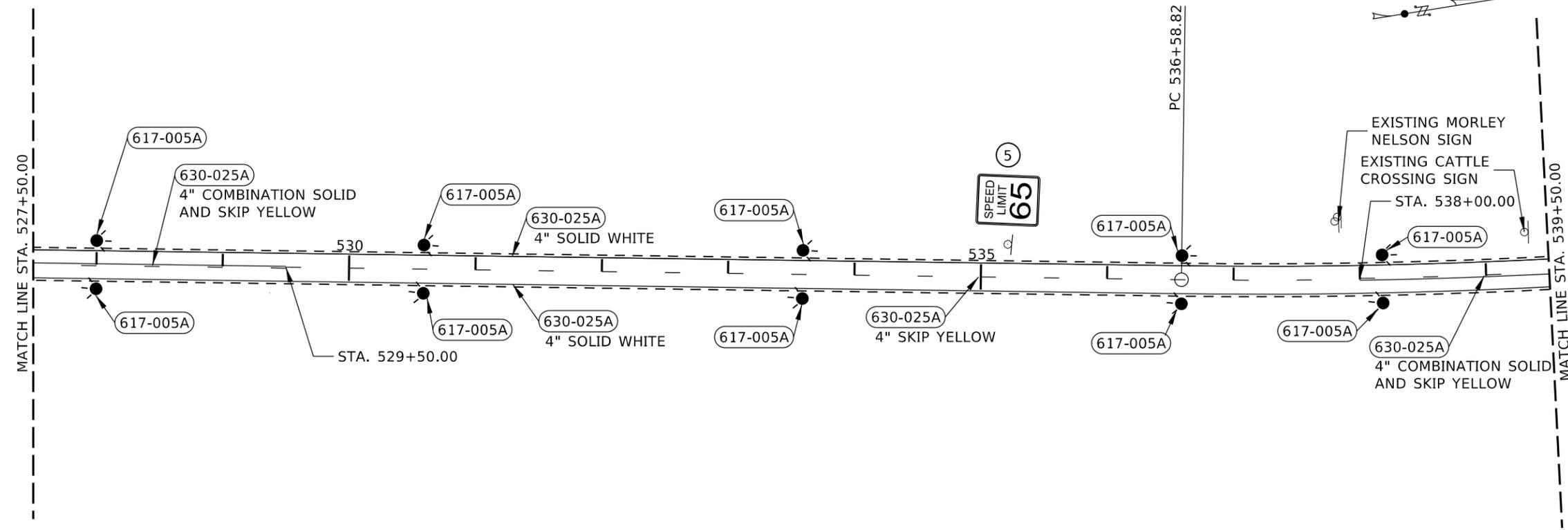
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 118 OF 143	





- (617-005A) DELINEATOR TY 1
20 EACH
 STA. 515+73.00, 19.00' LT
 STA. 515+73.00, 19.00' RT
 STA. 517+32.00, 19.00' LT
 STA. 517+32.00, 19.00' RT
 STA. 519+41.00, 19.00' LT
 STA. 519+41.00, 19.00' RT
 STA. 522+41.00, 19.00' LT
 STA. 522+41.00, 19.00' RT
 STA. 525+41.00, 19.00' LT
 STA. 525+41.00, 19.00' RT
 STA. 528+00.00, 19.00' LT
 STA. 528+00.00, 19.00' RT
 STA. 530+59.00, 19.00' LT
 STA. 530+59.00, 19.00' RT
 STA. 533+59.00, 19.00' LT
 STA. 533+59.00, 19.00' RT
 STA. 536+59.00, 19.00' LT
 STA. 536+59.00, 19.00' RT
 STA. 538+18.00, 19.00' LT
 STA. 538+18.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 408.00 FT 4" SKIP YELLOW
 STA. 529+50.00 - 538+00.00
- 3844.00 FT 4" SKIP SOLID YELLOW
 STA. 515+50.00 - 529+50.00
 STA. 538+00.00 - 539+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 515+50.00 - 539+50.00 LT
 STA. 515+50.00 - 539+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 21981 sign 042.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

SIGNING & PAVEMENT MARKING PLAN

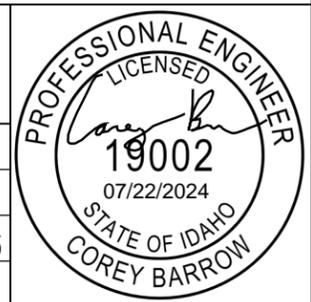
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

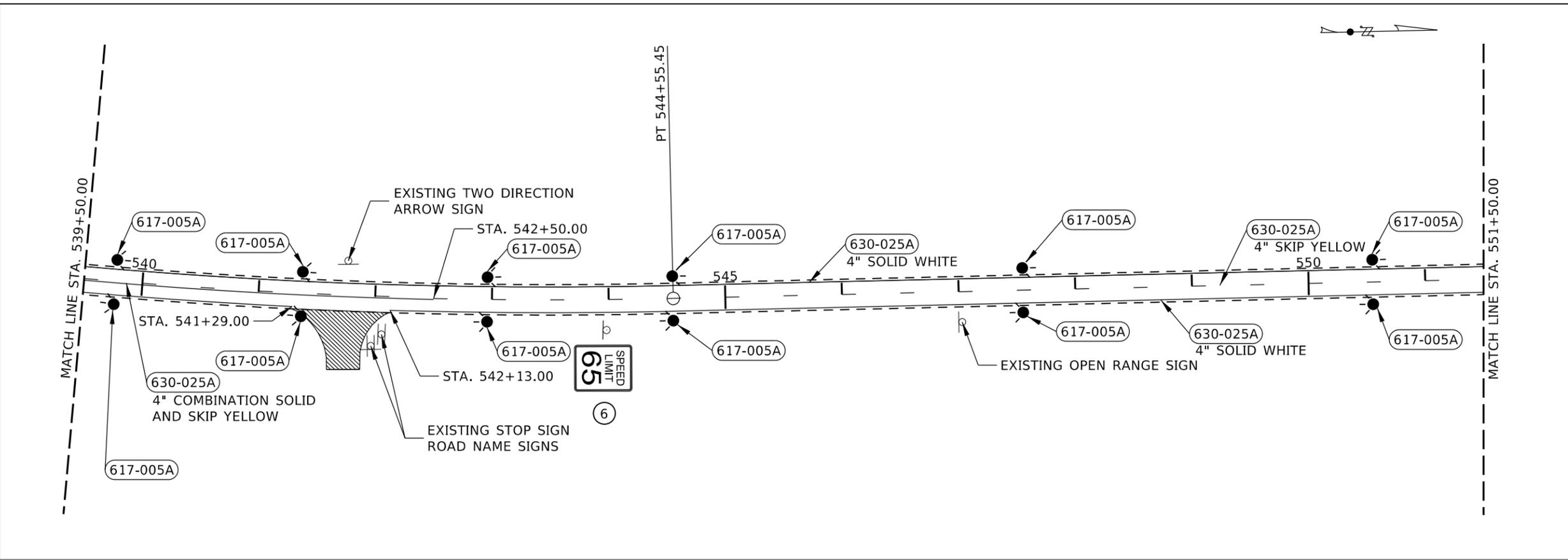
ENGLISH

COUNTY ELMORE

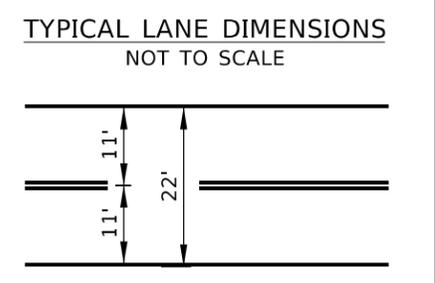
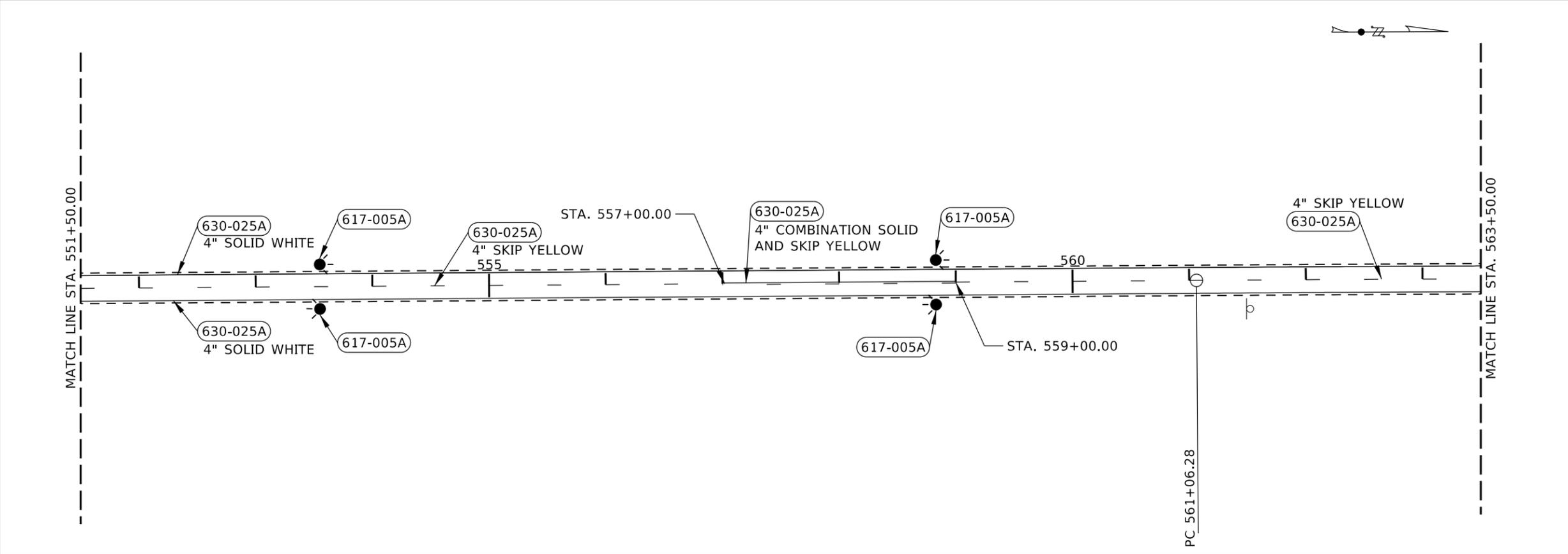
KEY NUMBER 21981
22879 23746 24280

SHEET 119 OF 143





- 617-005A** DELINEATOR TY 1
16 EACH
 STA. 539+77.00, 19.00' LT
 STA. 539+77.00, 19.00' RT
 STA. 541+37.00, 19.00' LT
 STA. 541+37.00, 19.00' RT
 STA. 542+96.00, 19.00' LT
 STA. 542+96.00, 19.00' RT
 STA. 544+55.00, 19.00' LT
 STA. 544+55.00, 19.00' RT
 STA. 547+55.00, 19.00' LT
 STA. 547+55.00, 19.00' RT
 STA. 550+55.00, 19.00' LT
 STA. 550+55.00, 19.00' RT
 STA. 553+55.00, 19.00' LT
 STA. 553+55.00, 19.00' RT
 STA. 558+83.00, 19.00' LT
 STA. 558+83.00, 19.00' RT
- 630-025A** LONGITUDE PAV MKG - WATERBORNE
 912.00 FT 4" SKIP YELLOW
 STA. 542+50.00 - 557+00.00
 STA. 559+00.00 - 563+50.00
- 1240.00 FT 4" SKIP SOLID YELLOW
 STA. 539+50.00 - 542+50.00
 STA. 557+00.00 - 559+00.00
- 9432.00 FT 4" SOLID WHITE
 STA. 539+50.00 - 563+50.00 LT
 STA. 539+50.00 - 541+29.00 RT
 STA. 542+13.00 - 563+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 044.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

HMH engineering

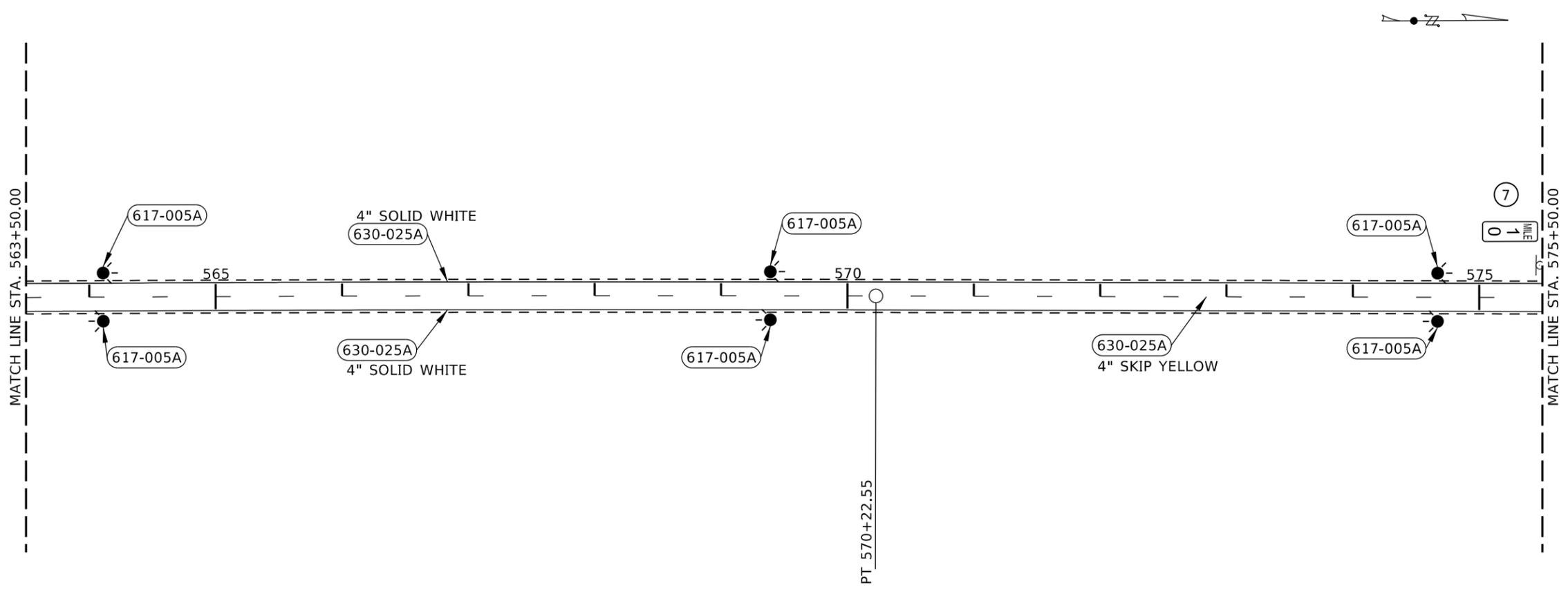
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

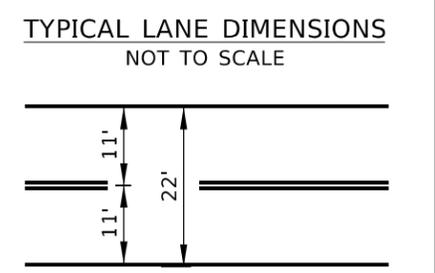
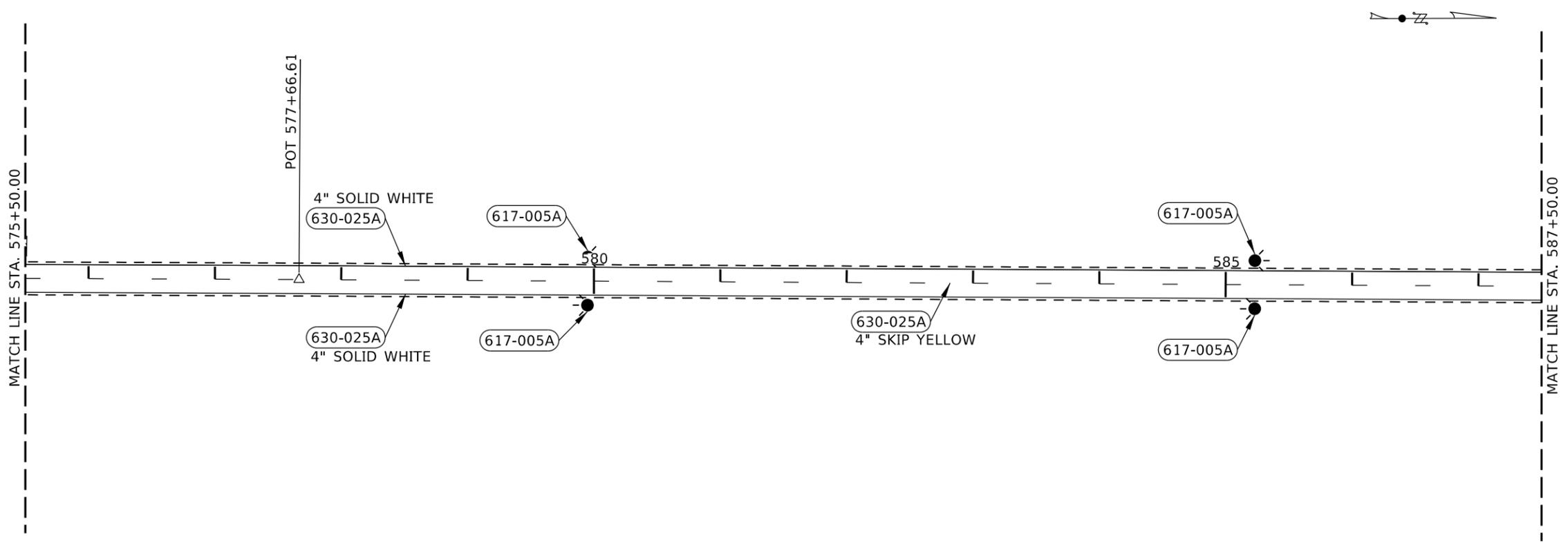
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 120 OF 143	





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 564+11.00, 19.00' LT
 STA. 564+11.00, 19.00' RT
 STA. 569+39.00, 19.00' LT
 STA. 569+39.00, 19.00' RT
 STA. 574+67.00, 19.00' LT
 STA. 574+67.00, 19.00' RT
 STA. 579+95.00, 19.00' LT
 STA. 579+95.00, 19.00' RT
 STA. 585+23.00, 19.00' LT
 STA. 585+23.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 563+50.00 - 587+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 563+50.00 - 587+50.00 LT
 STA. 563+50.00 - 587+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 046.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

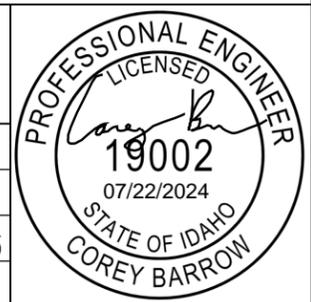
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

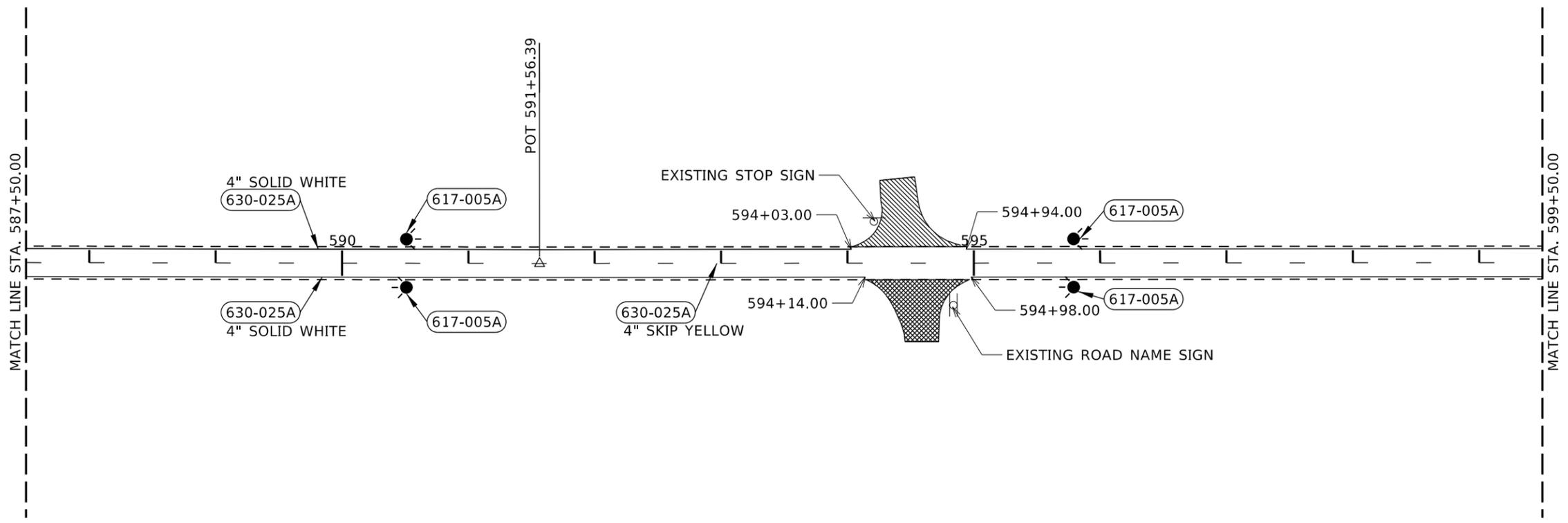
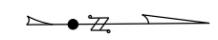
ENGLISH

COUNTY ELMORE

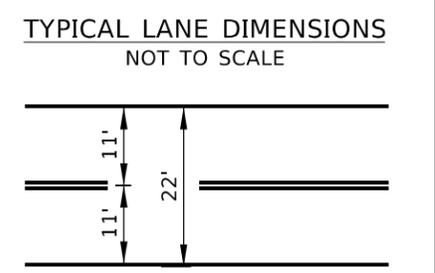
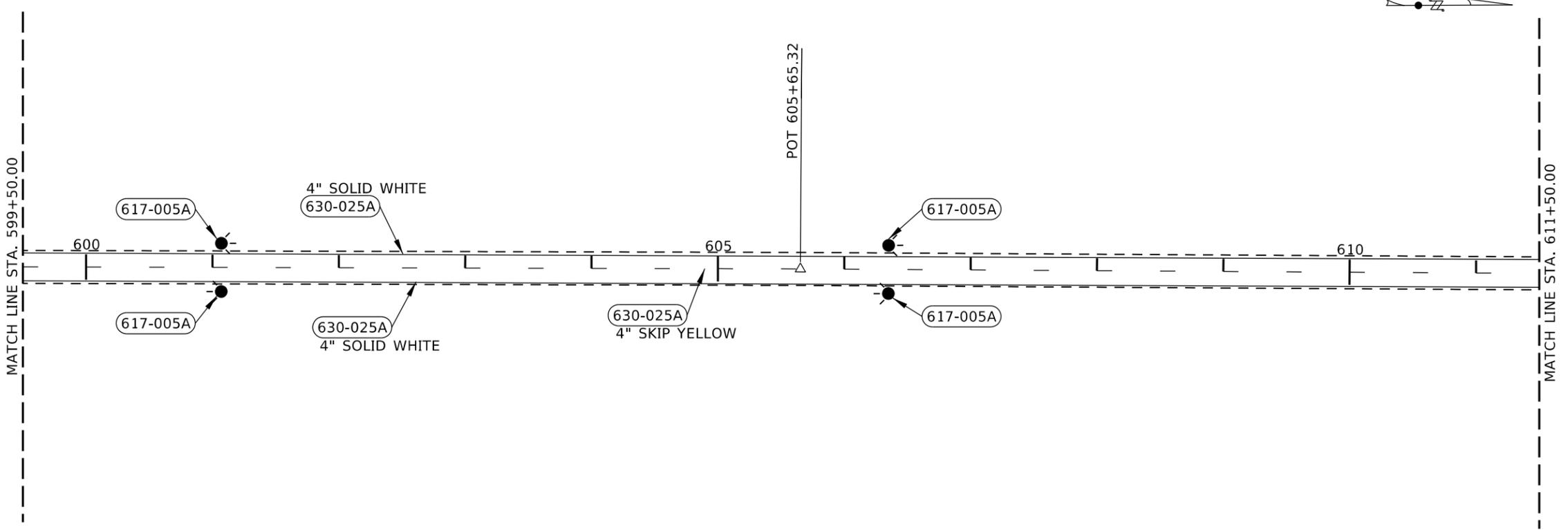
KEY NUMBER 21981
22879 23746 24280

SHEET 121 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 590+51.00, 19.00' LT
 STA. 590+51.00, 19.00' RT
 STA. 595+79.00, 19.00' LT
 STA. 595+79.00, 19.00' RT
 STA. 601+07.00, 19.00' LT
 STA. 601+07.00, 19.00' RT
 STA. 606+35.00, 19.00' LT
 STA. 606+35.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 587+50.00 - 611+50.00
- 9250.00 FT 4" SOLID WHITE
 STA. 587+50.00 - 594+03.00 LT
 STA. 594+94.00 - 611+50.00 LT
 STA. 587+50.00 - 594+14.00 RT
 STA. 594+98.00 - 611+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 048.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

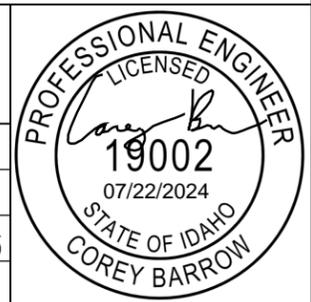
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

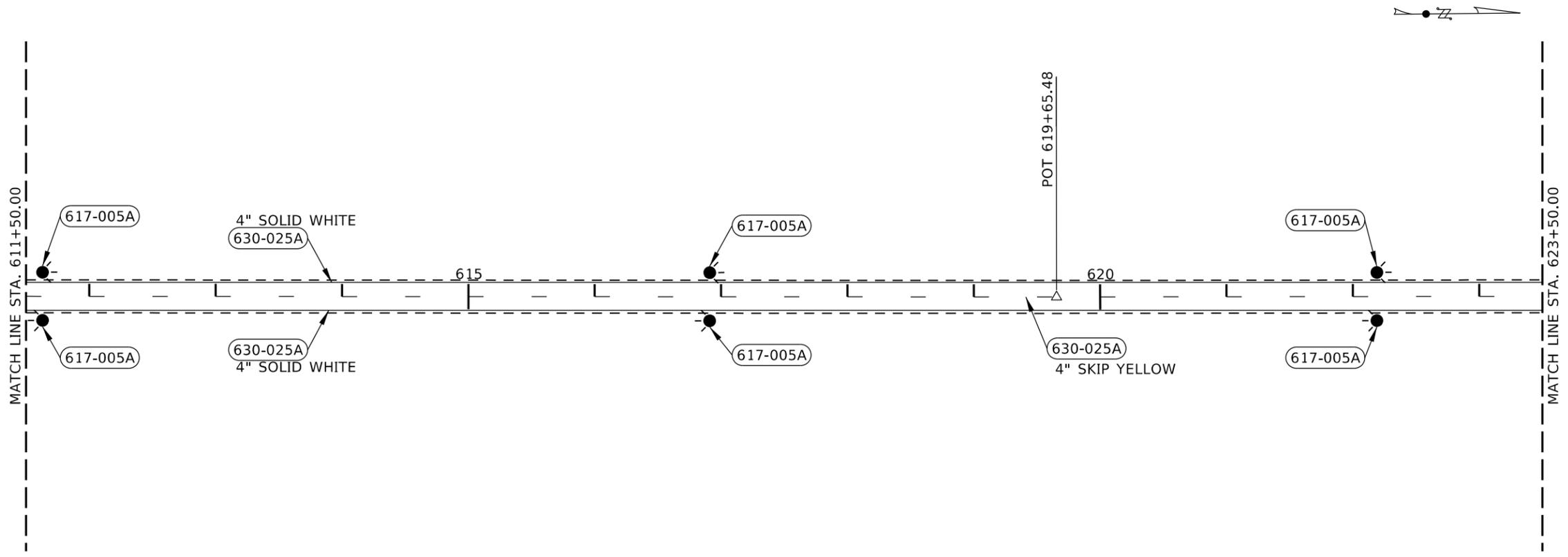
ENGLISH

COUNTY ELMORE

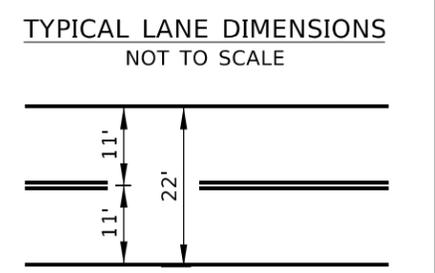
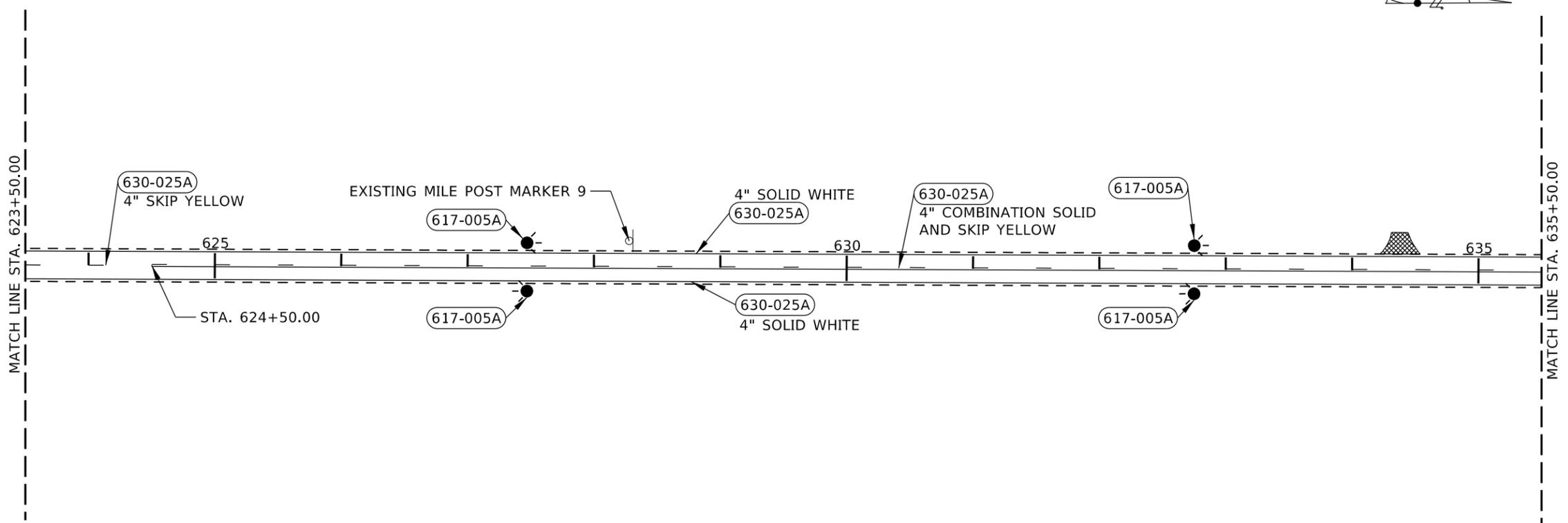
KEY NUMBER 21981
22879 23746 24280

SHEET 122 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 611+63.00, 19.00' LT
 STA. 611+63.00, 19.00' RT
 STA. 616+91.00, 19.00' LT
 STA. 616+91.00, 19.00' RT
 STA. 622+19.00, 19.00' LT
 STA. 622+19.00, 19.00' RT
 STA. 627+47.00, 19.00' LT
 STA. 627+47.00, 19.00' RT
 STA. 632+75.00, 19.00' LT
 STA. 632+75.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 624.00 FT 4" SKIP YELLOW
 STA. 611+50.00 - 624+50.00
- 2728.00 FT 4" SKIP SOLID YELLOW
 STA. 624+50.00 - 635+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 611+50.00 - 635+50.00 LT
 STA. 611+50.00 - 635+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 050.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

IDAHO
TRANSPORTATION
DEPARTMENT

HMH engineering

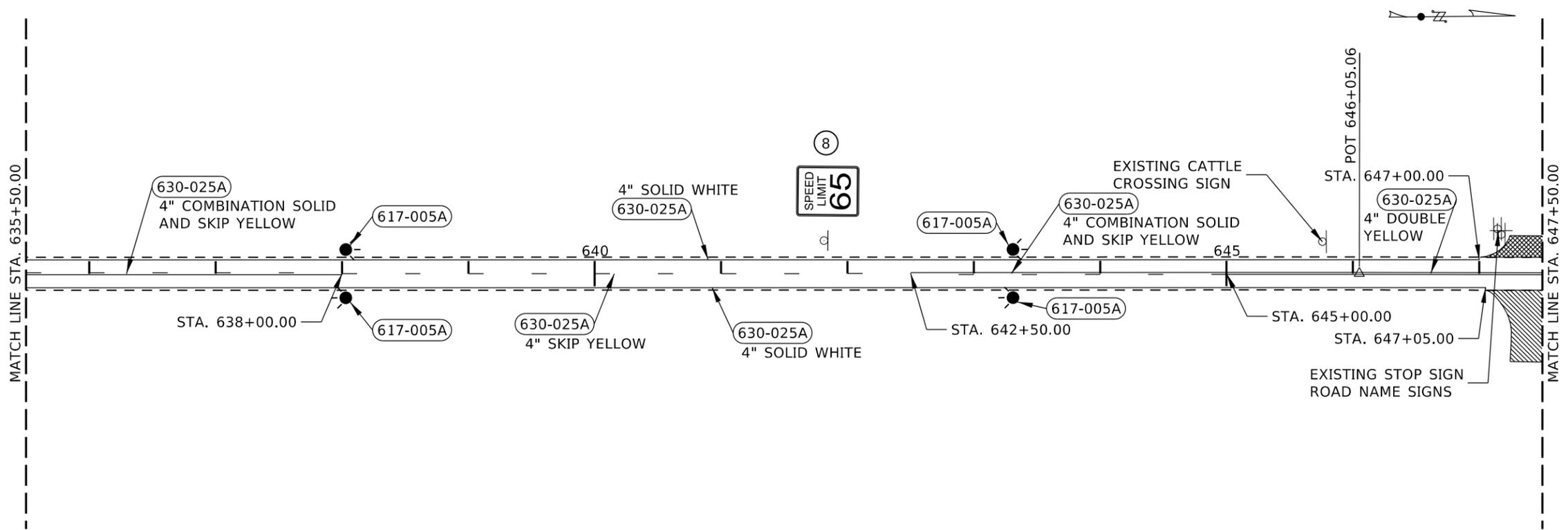
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

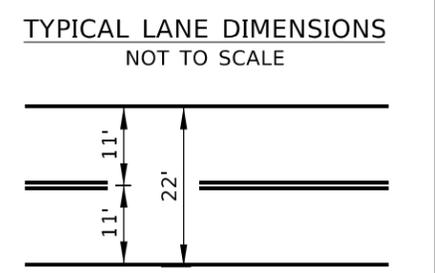
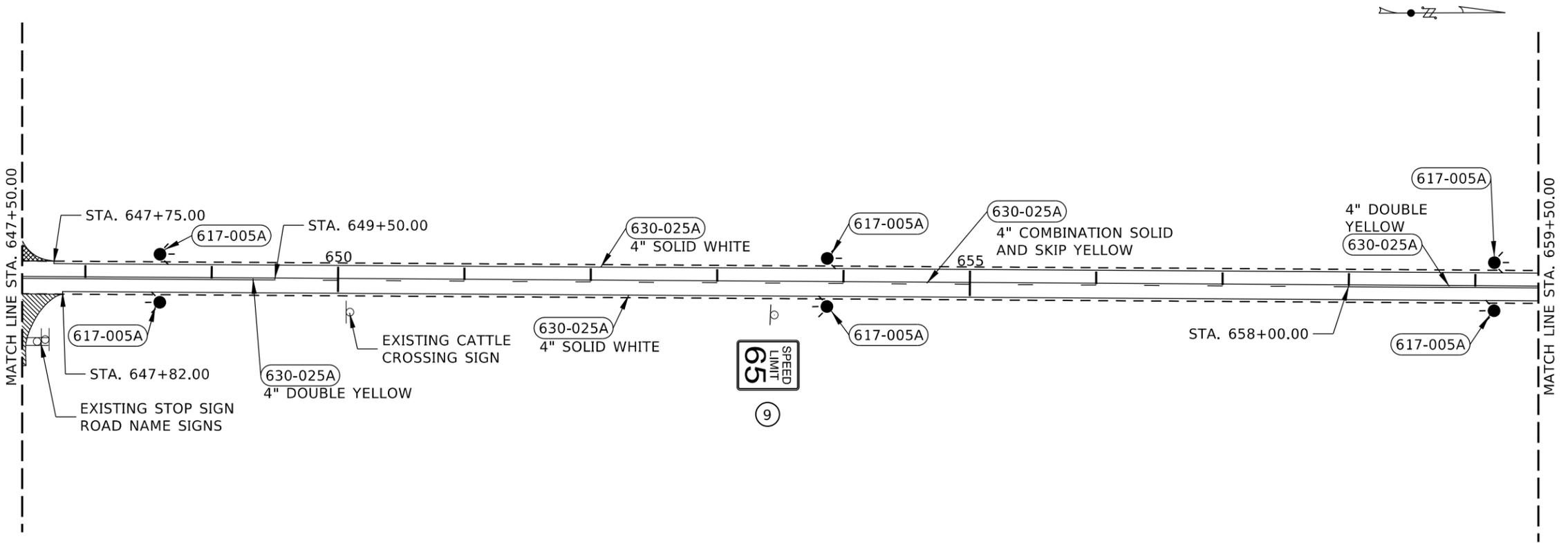
SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 123 OF 143	





- 617-005A DELINEATOR TY 1
10 EACH
 STA. 638+03.00, 19.00 LT
 STA. 638+03.00, 19.00 RT
 STA. 643+31.00, 19.00 LT
 STA. 643+31.00, 19.00 RT
 STA. 648+59.00, 19.00 LT
 STA. 648+59.00, 19.00 RT
 STA. 653+87.00, 19.00 LT
 STA. 653+87.00, 19.00 RT
 STA. 659+15.00, 19.00 LT
 STA. 659+15.00, 19.00 RT
- 630-025A LONGITUDINAL PAV MKG - WATERBORNE
 2400.00 FT 4" DOUBLE YELLOW
 STA. 645+00.00 - 649+50.00
 STA. 658+00.00 - 659+50.00
 216.00 FT 4" SKIP YELLOW
 STA. 638+00.00 - 642+50.00
 3348.00 FT 4" SKIP SOLID YELLOW
 STA. 635+50.00 - 638+00.00
 STA. 642+50.00 - 645+00.00
 STA. 649+50.00 - 658+00.00
 9296.00 FT 4" SOLID WHITE
 STA. 635+50.00 - 647+00.00 LT
 STA. 647+75.00 - 659+50.00 LT
 STA. 635+50.00 - 647+05.00 RT
 STA. 647+82.00 - 659+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981_sign_052.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

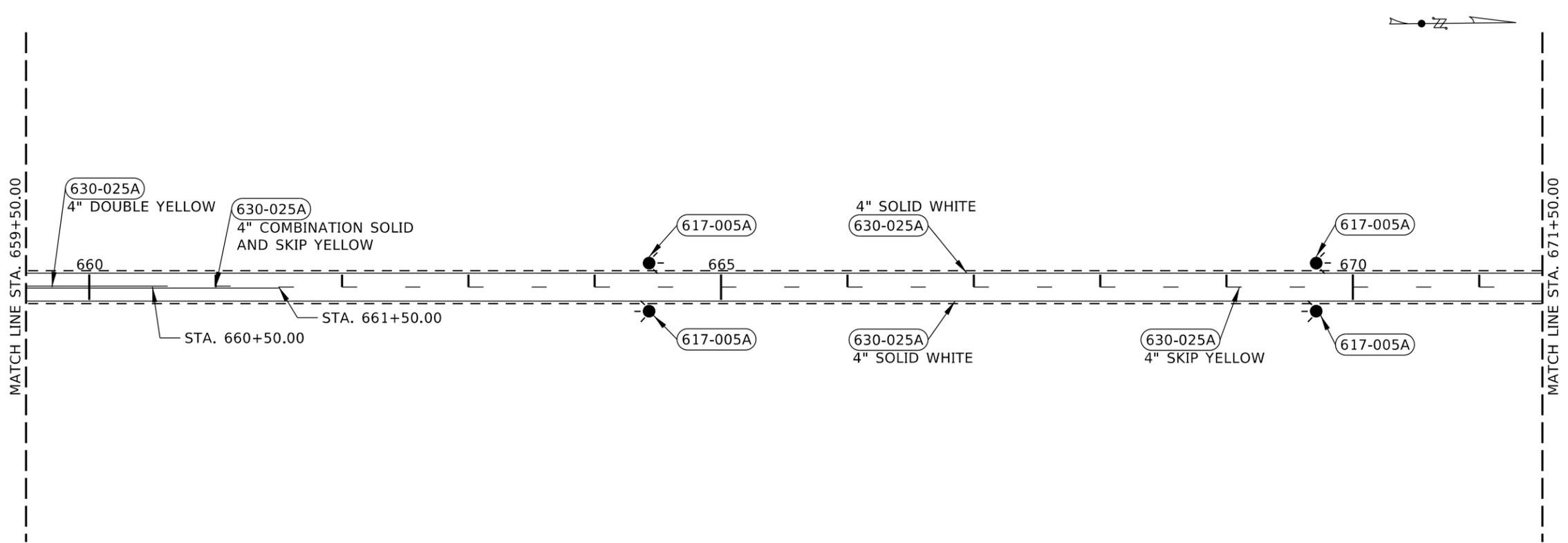
ENGLISH

COUNTY ELMORE

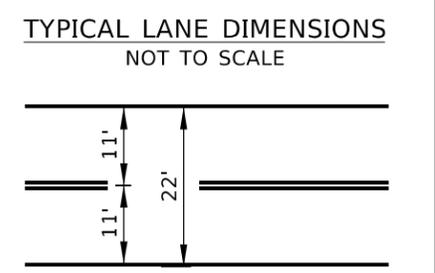
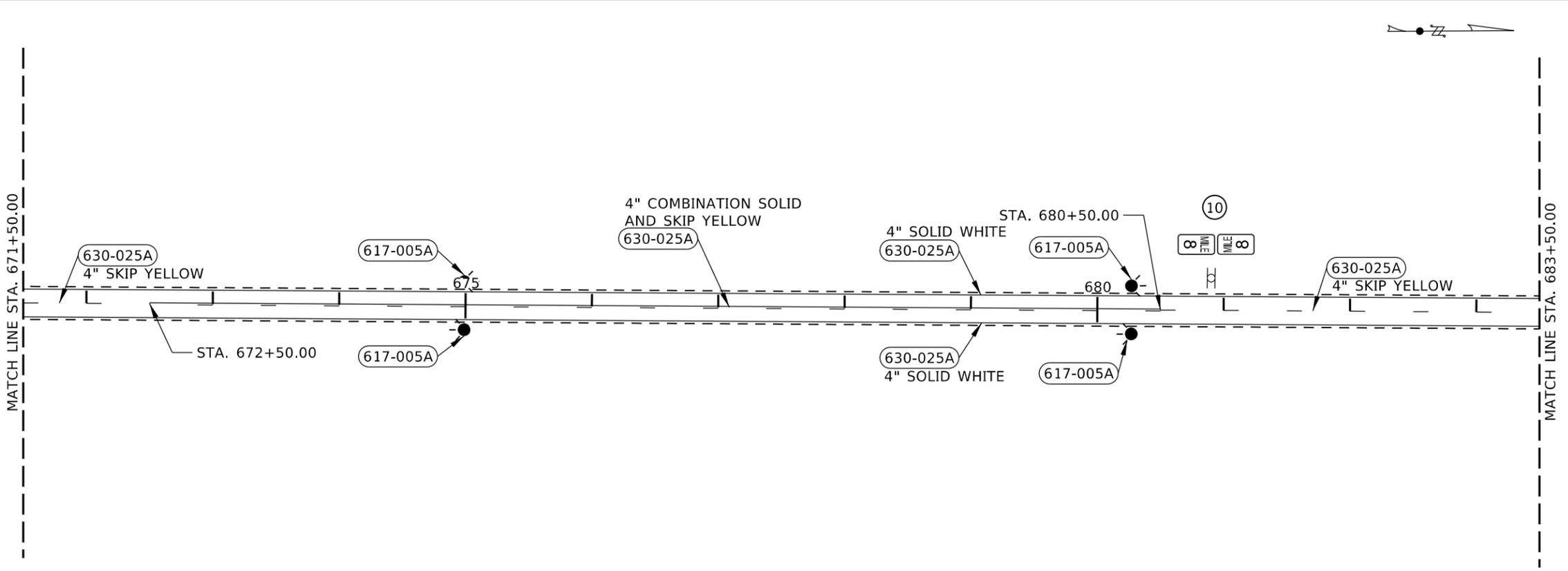
KEY NUMBER 21981
22879 23746 24280

SHEET 124 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 664+43.00, 19.00' LT
 STA. 664+43.00, 19.00' RT
 STA. 669+71.00, 19.00' LT
 STA. 669+71.00, 19.00' RT
 STA. 674+99.00, 19.00' LT
 STA. 674+99.00, 19.00' RT
 STA. 680+27.00, 19.00' LT
 STA. 680+27.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 400.00 FT 4" DOUBLE YELLOW
 STA. 659+50.00 - 660+50.00
- 672.00 FT 4" SKIP YELLOW
 STA. 661+50.00 - 672+50.00
 STA. 680+50.00 - 683+50.00
- 2232.00 FT 4" SKIP SOLID YELLOW
 STA. 660+50.00 - 661+50.00
 STA. 672+50.00 - 680+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 659+50.00 - 683+50.00 LT
 STA. 659+50.00 - 683+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 054.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

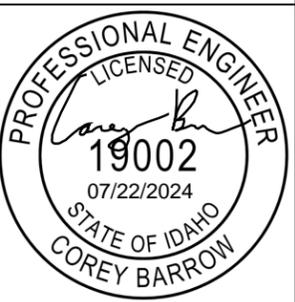
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

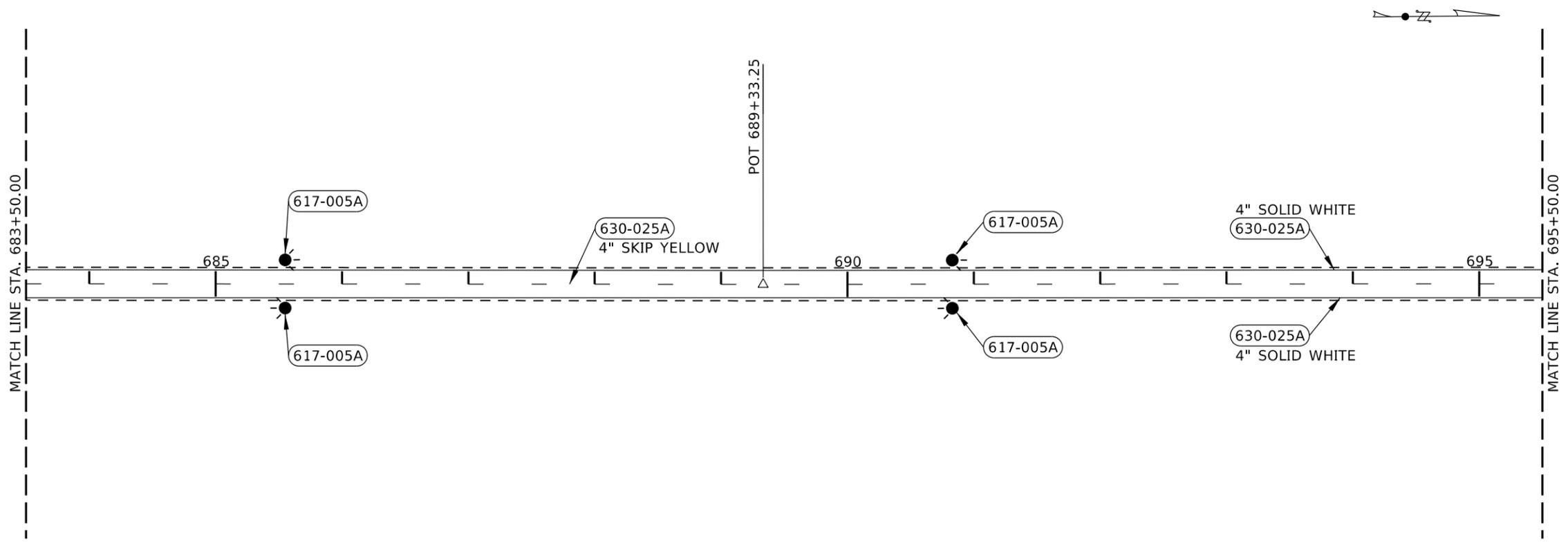
ENGLISH

COUNTY ELMORE

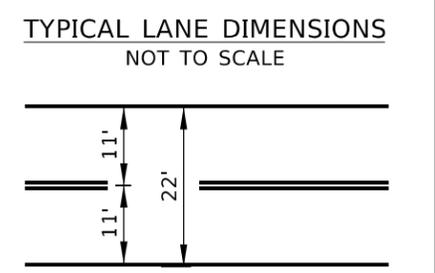
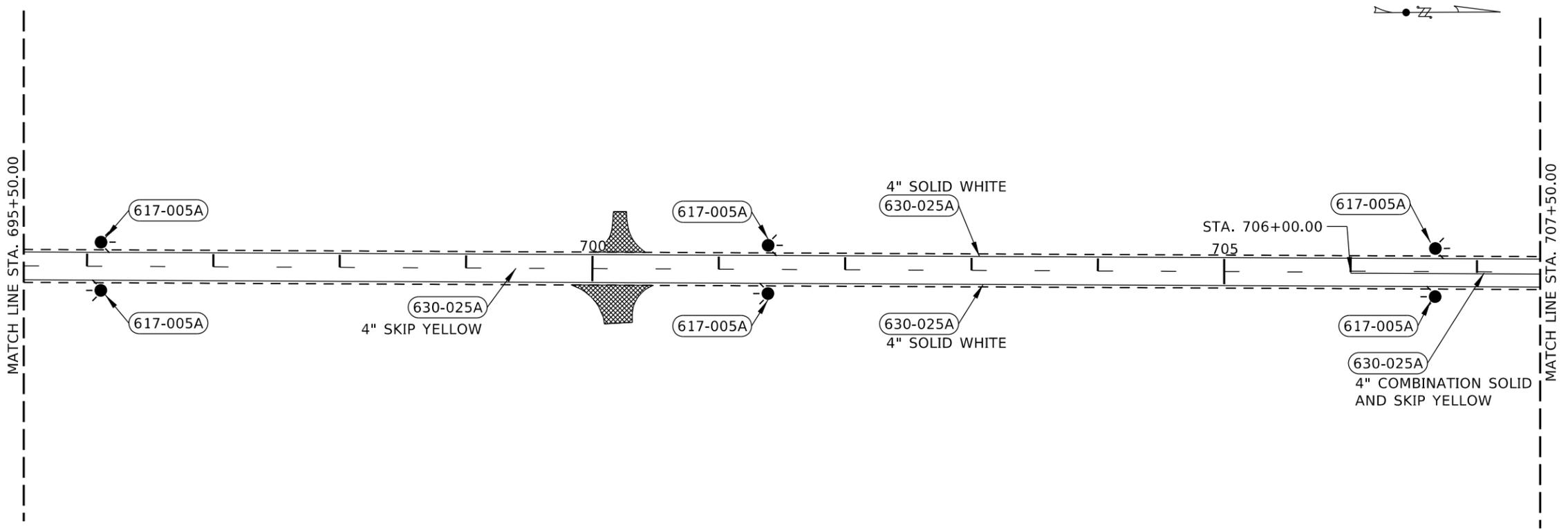
KEY NUMBER 21981
22879 23746 24280

SHEET 125 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 685+55.00, 19.00' LT
 STA. 685+55.00, 19.00' RT
 STA. 690+83.00, 19.00' LT
 STA. 690+83.00, 19.00' RT
 STA. 696+11.00, 19.00' LT
 STA. 696+11.00, 19.00' RT
 STA. 701+39.00, 19.00' LT
 STA. 701+39.00, 19.00' RT
 STA. 706+67.00, 19.00' LT
 STA. 706+67.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1080.00 FT 4" SKIP YELLOW
 STA. 683+50.00 - 706+00.00
- 372.00 FT 4" SKIP SOLID YELLOW
 STA. 706+00.00 - 707+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 683+50.00 - 707+50.00 LT
 STA. 683+50.00 - 707+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 sign 056.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

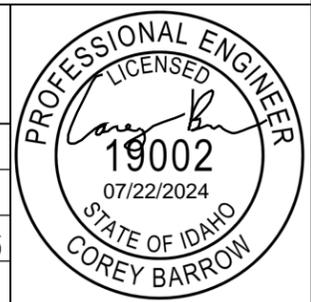
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

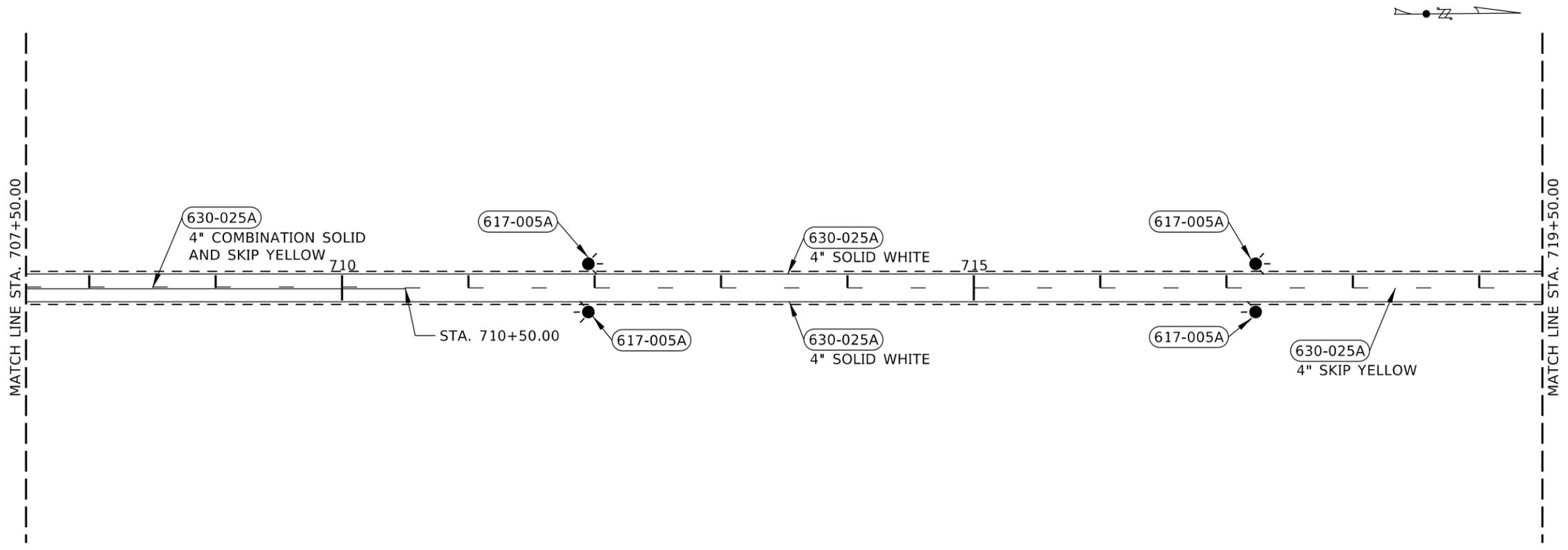
ENGLISH

COUNTY: ELMORE

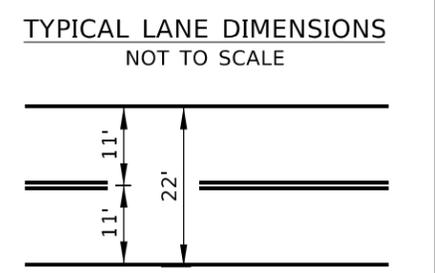
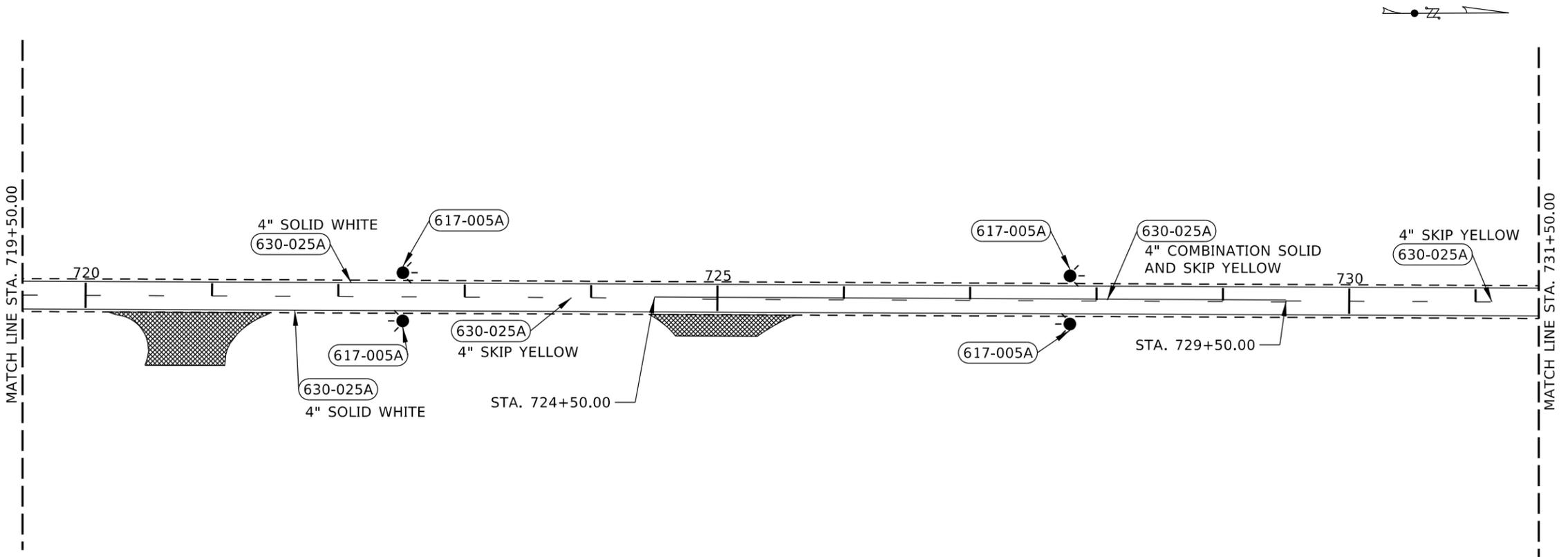
KEY NUMBER: 21981, 22879, 23746, 24280

SHEET 126 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
STA. 711+95.00, 19.00 LT
STA. 711+95.00, 19.00 RT
STA. 717+23.00, 19.00 LT
STA. 717+23.00, 19.00 RT
STA. 722+51.00, 19.00 LT
STA. 722+51.00, 19.00 RT
STA. 727+79.00, 19.00 LT
STA. 727+79.00, 19.00 RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
768.00 FT 4" SKIP YELLOW
STA. 710+50.00 - 724+50.00
STA. 729+50.00 - 731+50.00
- 1984.00 FT 4" SKIP SOLID YELLOW
STA. 707+50.00 - 710+50.00
STA. 724+50.00 - 729+50.00
- 9600.00 FT 4" SOLID WHITE
STA. 707+50.00 - 731+5.00 LT
STA. 707+50.00 - 731+5.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 058.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
HMH engineering

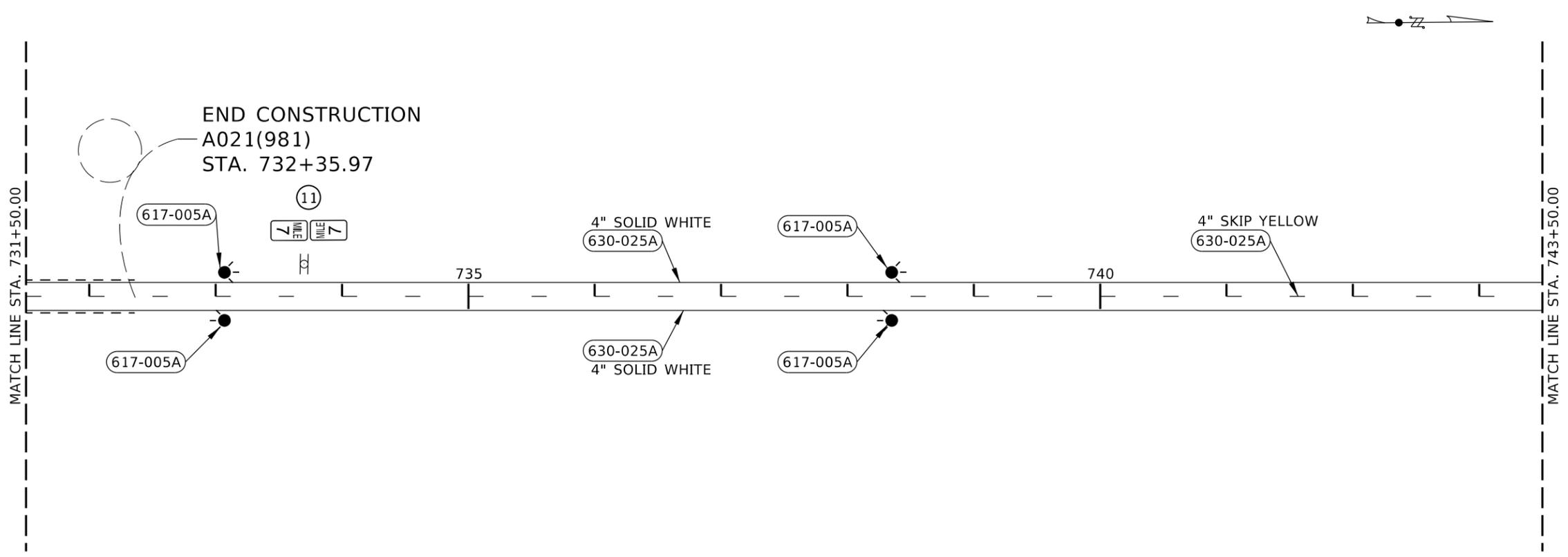
PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

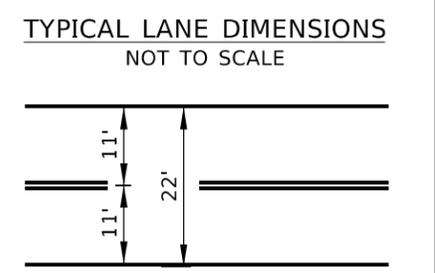
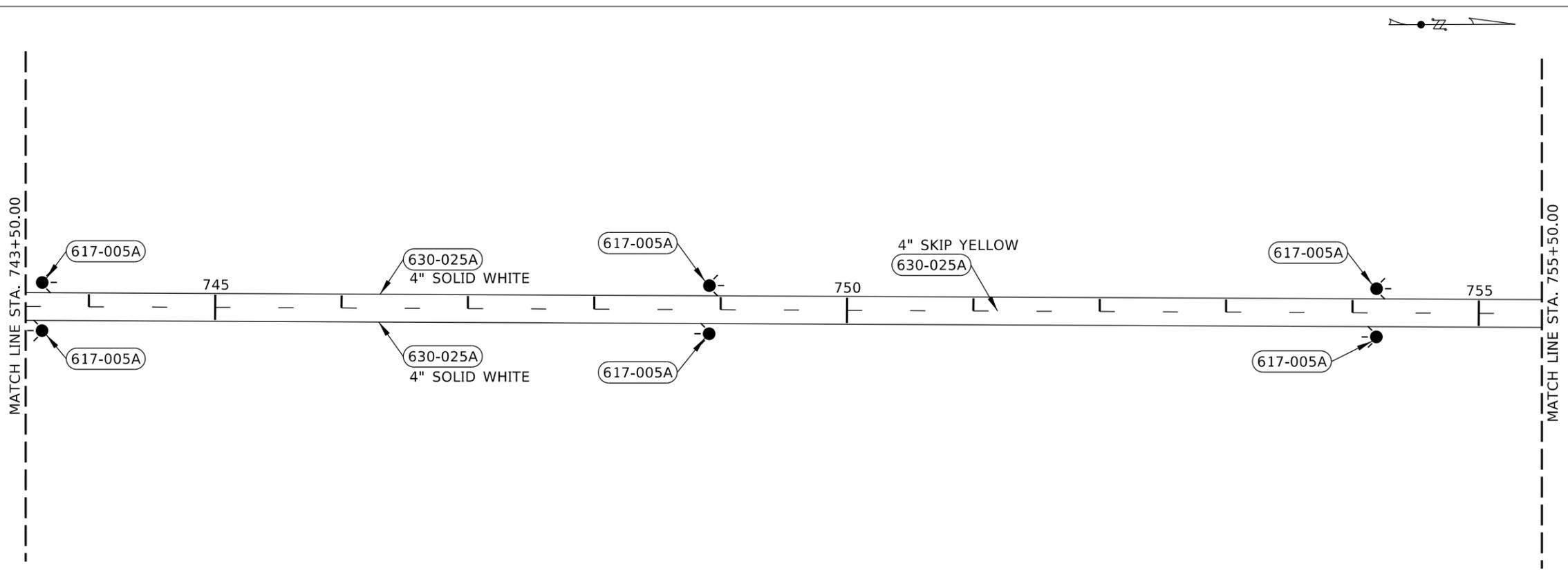
ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 127 OF 143	





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 733+07.00, 19.00' LT
 STA. 733+07.00, 19.00' RT
 STA. 738+35.00, 19.00' LT
 STA. 738+35.00, 19.00' RT
 STA. 743+63.00, 19.00' LT
 STA. 743+63.00, 19.00' RT
 STA. 748+91.00, 19.00' LT
 STA. 748+91.00, 19.00' RT
 STA. 754+19.00, 19.00' LT
 STA. 754+19.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 731+50.00 - 755+50.00
 9600.00 FT 4" SOLID WHITE
 STA. 731+50.00 - 755+50.00 LT
 STA. 731+50.00 - 755+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
C. BARROW
 DESIGN CHECKED
H. NELSON
 DETAILED
G. FALLAR
 DRAWING CHECKED
C. BARROW

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY
 CADD FILE NAME
21981_sign_060.dgn
 DRAWING DATE:
22-JUL-2024

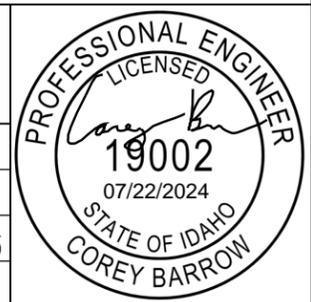
**IDAHO
TRANSPORTATION
DEPARTMENT**

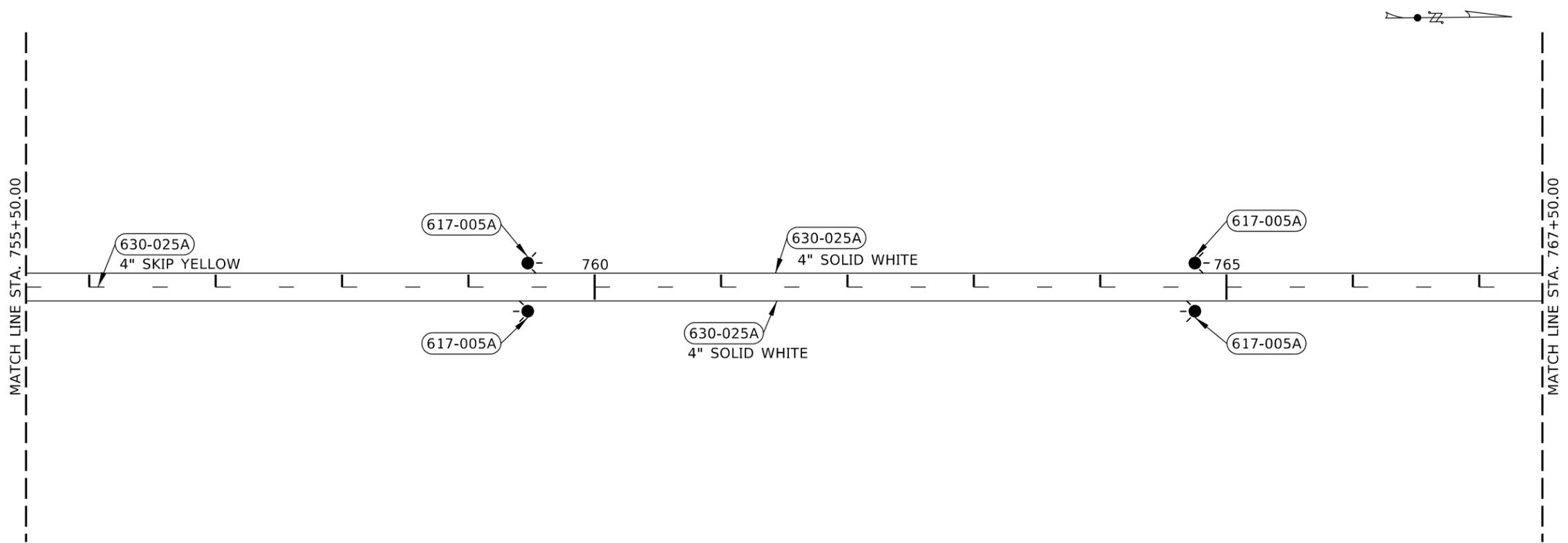
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

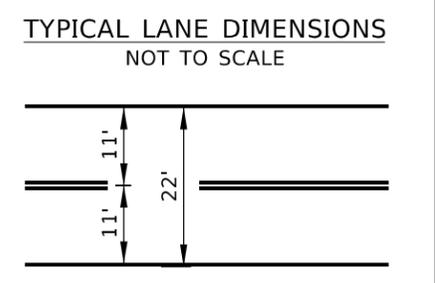
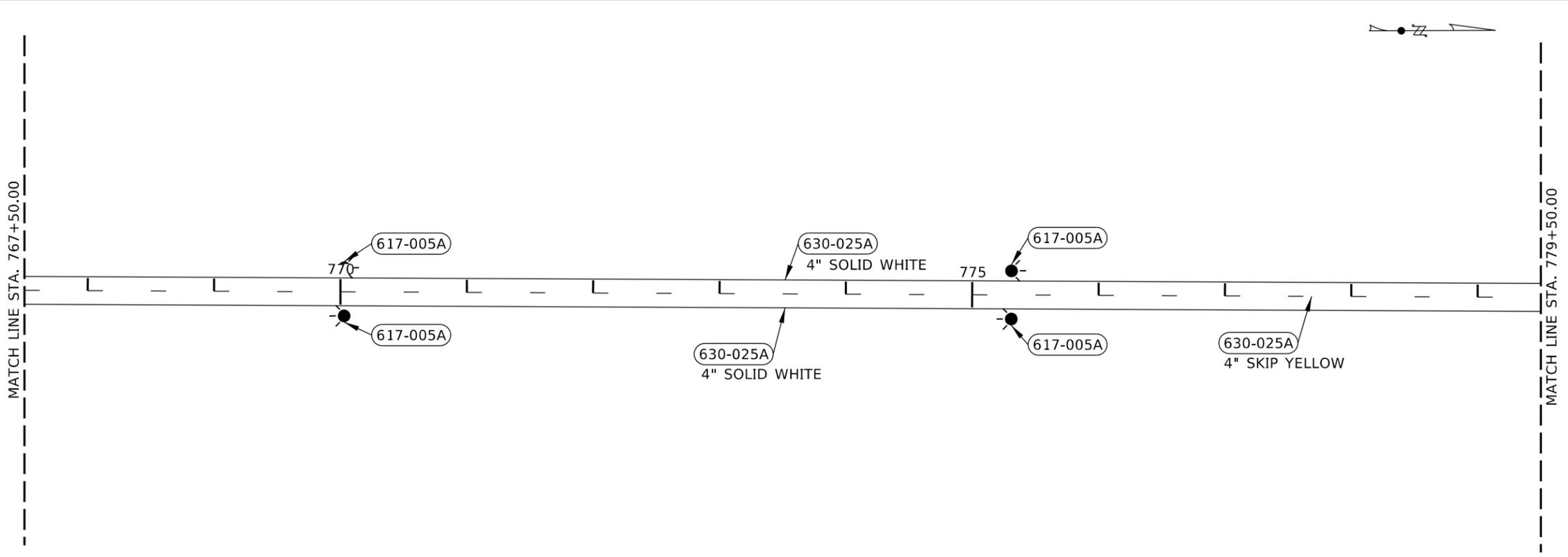
SIGNING & PAVEMENT MARKING PLAN
 SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
22879 23746 24280
 SHEET 128 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 759+47.00, 19.00 LT
 STA. 759+47.00, 19.00 RT
 STA. 764+75.00, 19.00 LT
 STA. 764+75.00, 19.00 RT
 STA. 770+03.00, 19.00 LT
 STA. 770+03.00, 19.00 RT
 STA. 775+31.00, 19.00 LT
 STA. 775+31.00, 19.00 RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 755+50.00 - 779+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 755+50.00 - 779+50.00 LT
 STA. 755+50.00 - 779+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 062.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

HMH engineering

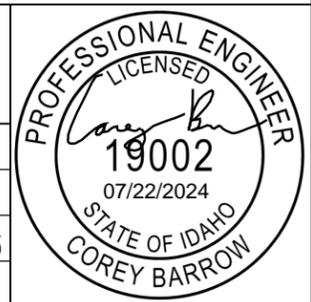
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

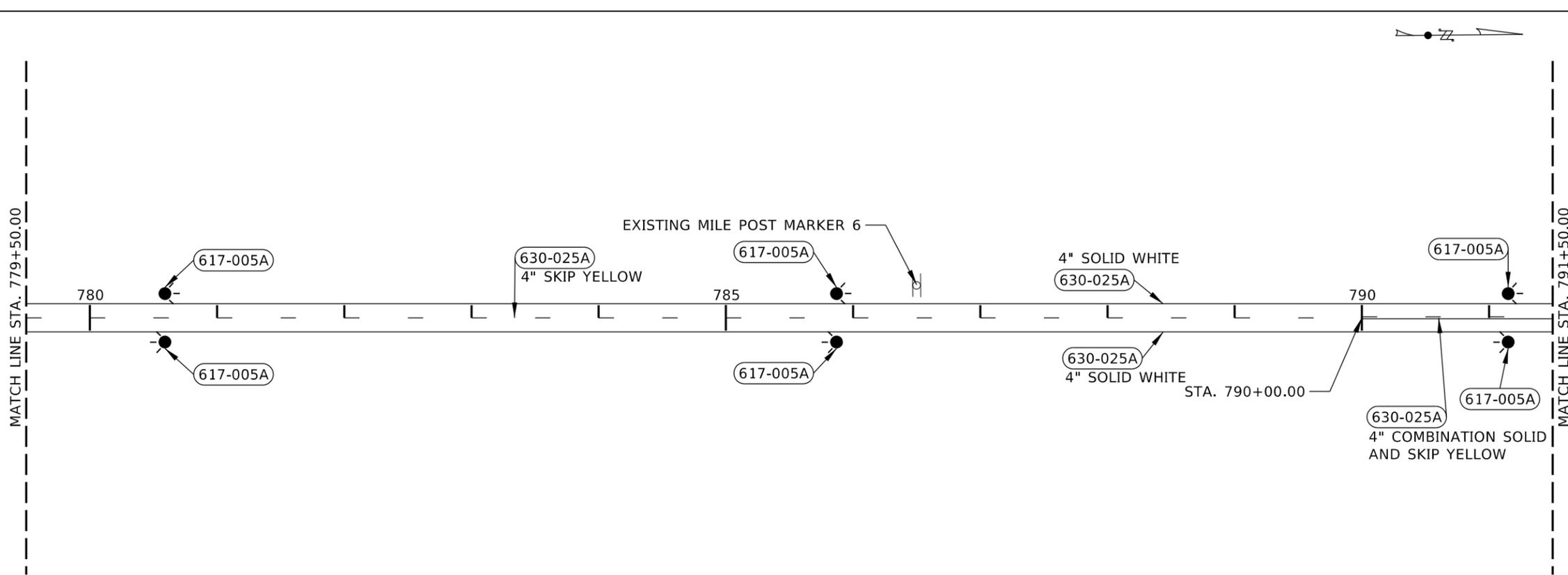
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

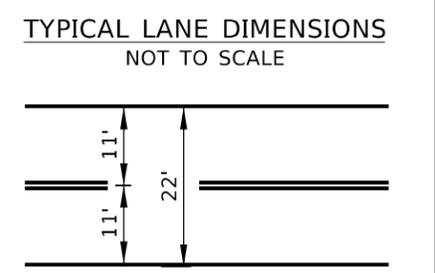
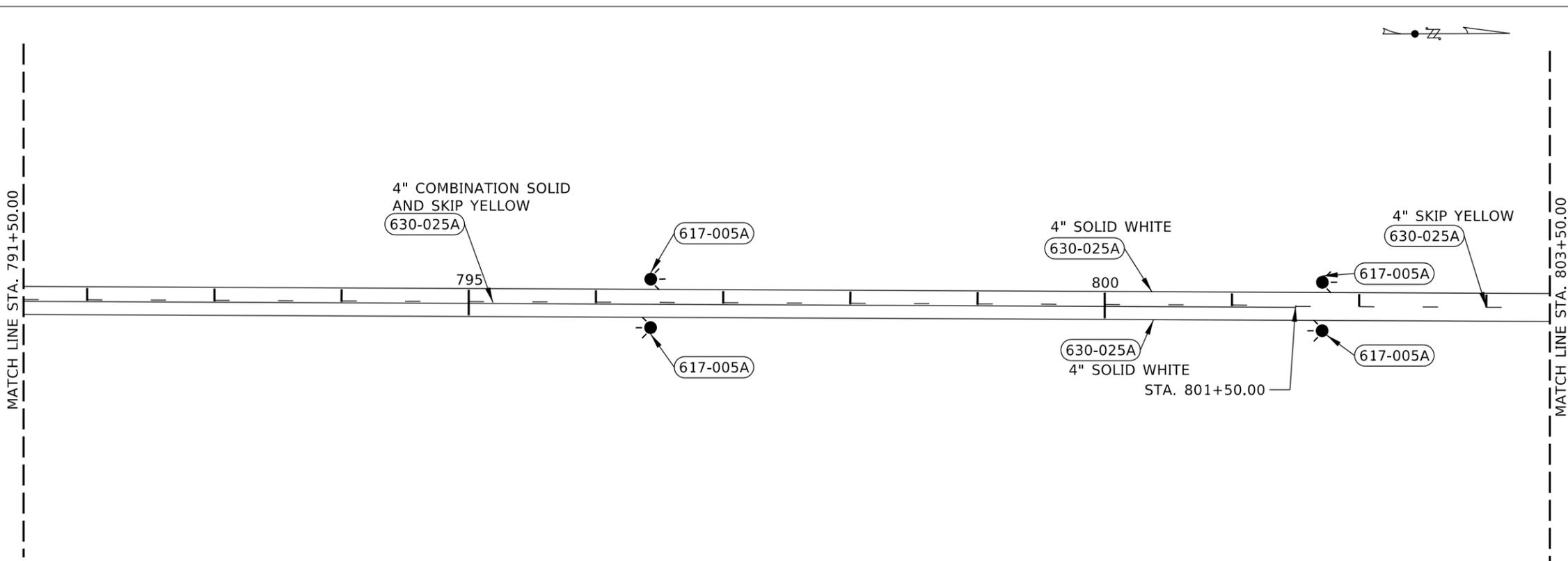
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH
COUNTY ELMORE
KEY NUMBER 21981 22879 23746 24280
SHEET 129 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 780+59.00, 19.00' LT
 STA. 780+59.00, 19.00' RT
 STA. 785+87.00, 19.00' LT
 STA. 785+87.00, 19.00' RT
 STA. 791+15.00, 19.00' LT
 STA. 791+15.00, 19.00' RT
 STA. 796+43.00, 19.00' LT
 STA. 796+43.00, 19.00' RT
 STA. 801+71.00, 19.00' LT
 STA. 801+71.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 600.00 FT 4" SKIP YELLOW
 STA. 779+50.00 - 790+00.00
 STA. 801+50.00 - 803+50.00
- 2852.00 FT 4" SKIP SOLID YELLOW
 STA. 790+00.00 - 801+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 779+50.00 - 803+50.00 LT
 STA. 779+50.00 - 803+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 064.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

HMH engineering

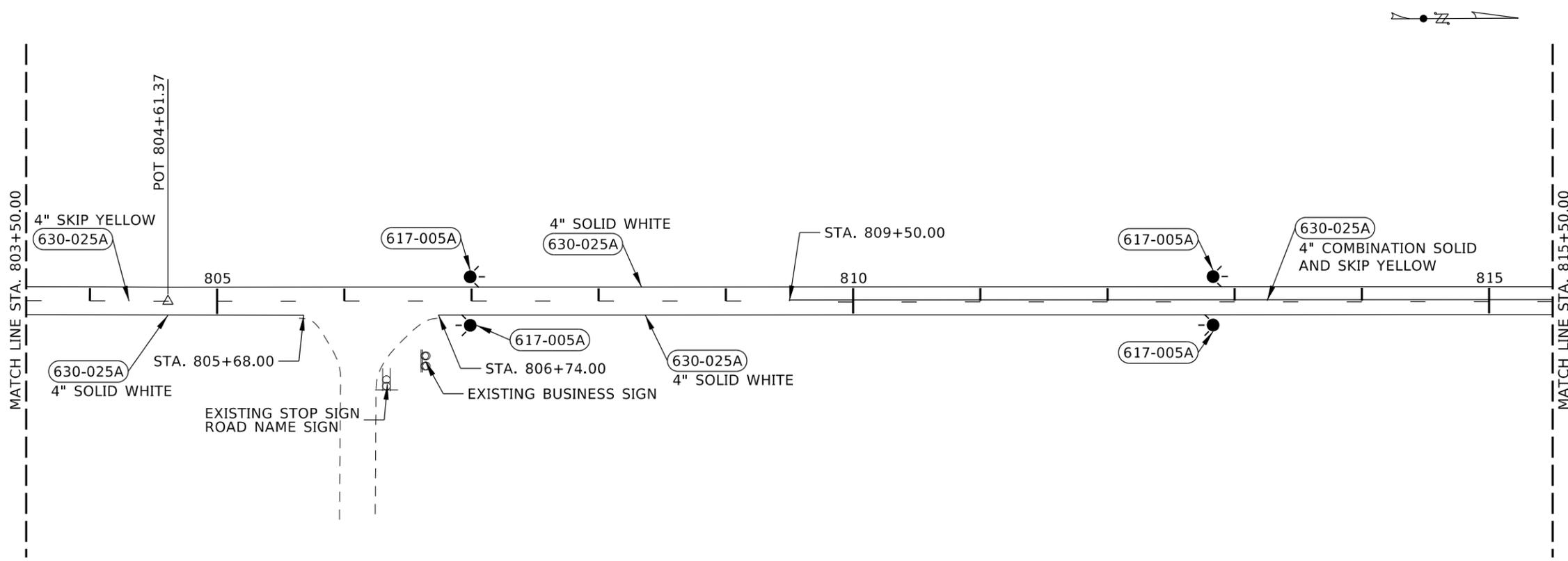
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 130 OF 143	



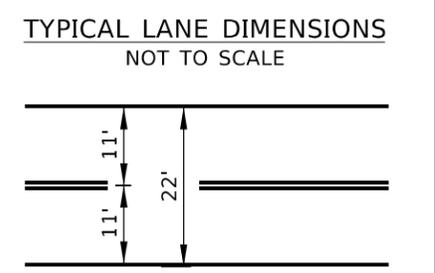
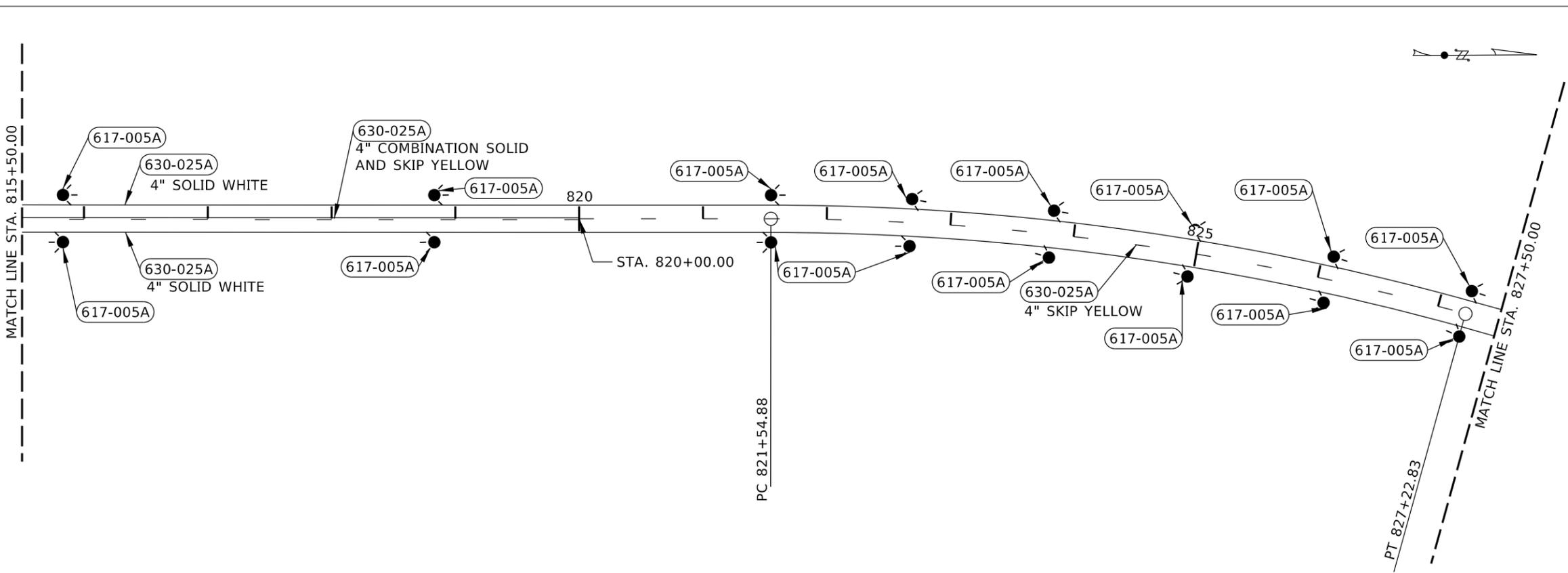


- (617-005A) DELINEATOR TY 1**
20 EACH

 - STA. 806+99.00, 19.00' LT
 - STA. 806+99.00, 19.00' RT
 - STA. 812+83.00, 19.00' LT
 - STA. 812+83.00, 19.00' RT
 - STA. 815+83.00, 19.00' LT
 - STA. 815+83.00, 19.00' RT
 - STA. 818+83.00, 19.00' LT
 - STA. 818+83.00, 19.00' RT
 - STA. 821+55.00, 19.00' LT
 - STA. 821+55.00, 19.00' RT
 - STA. 822+68.00, 19.00' LT
 - STA. 822+68.00, 19.00' RT
 - STA. 823+82.00, 19.00' LT
 - STA. 823+82.00, 19.00' RT
 - STA. 824+96.00, 19.00' LT
 - STA. 824+96.00, 19.00' RT
 - STA. 826+09.00, 19.00' LT
 - STA. 826+09.00, 19.00' RT
 - STA. 827+23.00, 19.00' LT
 - STA. 827+23.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE**

 - 648.00 FT 4" SKIP YELLOW
STA. 803+50.00 - 809+50.00
 - STA. 820+00.00 - 827+50.00
 - 2604.00 FT 4" SKIP SOLID YELLOW
STA. 809+50.00 - 820+00.00
 - 9388.00 FT 4" SOLID WHITE
STA. 803+50.00 - 827+50.00 LT
 - STA. 803+50.00 - 805+68.00 RT
 - STA. 806+74.00 - 827+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 21981 sign 066.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

PROJECT NO.

A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

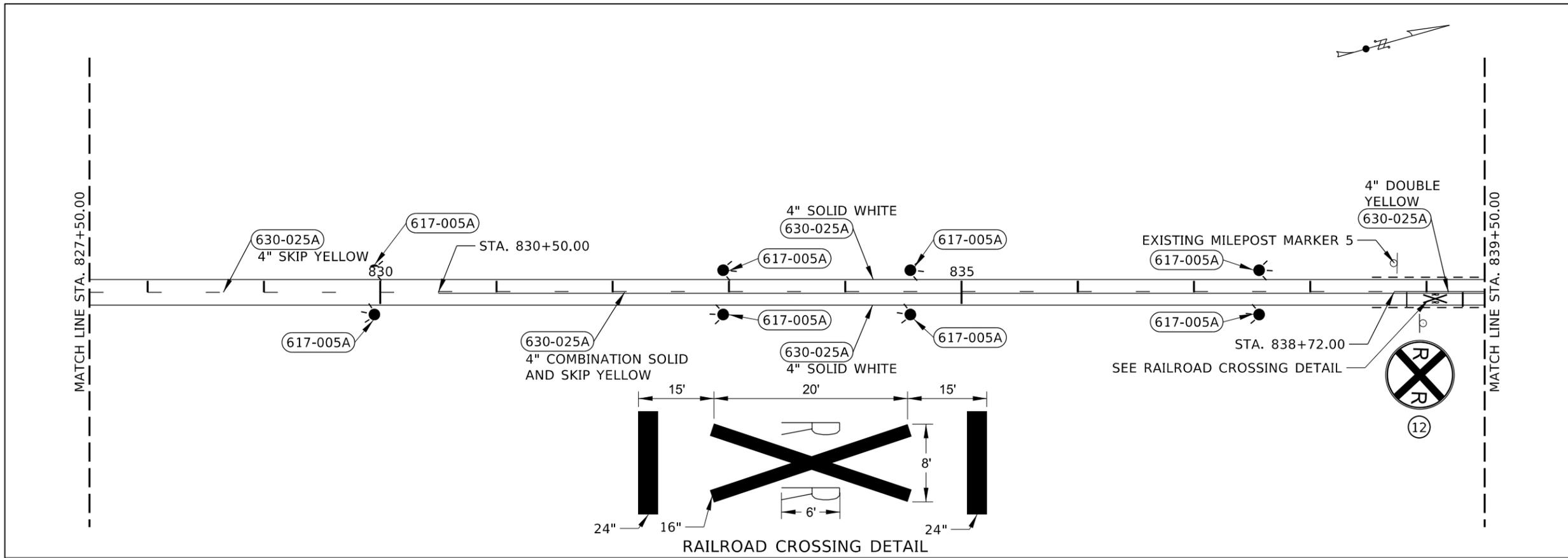
ENGLISH

COUNTY: ELMORE

KEY NUMBER: 21981, 22879, 23746, 24280

SHEET 131 OF 143





- (617-005A) DELINEATOR TY 1
22 EACH
 STA. 829+95.00, 19.00' LT
 STA. 829+95.00, 19.00' RT
 STA. 832+95.00, 19.00' LT
 STA. 832+95.00, 19.00' RT
 STA. 834+56.00, 19.00' LT
 STA. 834+56.00, 19.00' RT
 STA. 837+56.00, 19.00' LT
 STA. 837+56.00, 19.00' RT
 STA. 839+97.00, 19.00' LT
 STA. 839+97.00, 19.00' RT
 STA. 841+10.00, 19.00' LT
 STA. 841+10.00, 19.00' RT
 STA. 842+22.00, 19.00' LT
 STA. 842+22.00, 19.00' RT
 STA. 843+35.00, 19.00' LT
 STA. 843+35.00, 19.00' RT
 STA. 844+48.00, 19.00' LT
 STA. 844+48.00, 19.00' RT
 STA. 846+89.00, 19.00' LT
 STA. 846+89.00, 19.00' RT
 STA. 849+89.00, 19.00' LT
 STA. 849+89.00, 19.00' RT

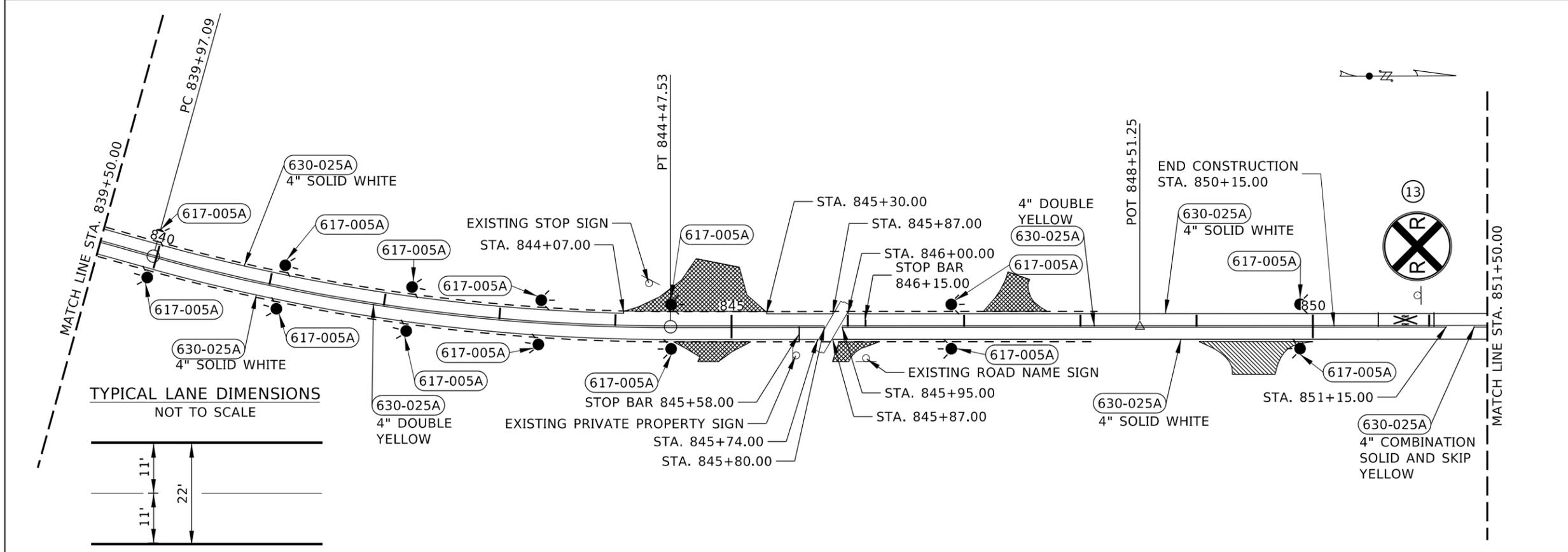
- (630-005A) TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - WATERBORNE
282.00 SF
 RAILROAD CROSSING
 STA. 838+83.00 - 839+31.00
 STA. 850+56.00 - 851+04.00
 STOP BARS
 STA. 845+58.00
 STA. 846+15.00

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
4912.00 FT
 4" DOUBLE YELLOW
 STA. 838+72.00 - 845+80.00
 STA. 845+95.00 - 851+15.00

- 144.00 FT
 4" SKIP YELLOW
 STA. 827+50.00 - 830+50.00

- 2125.36 FT
 4" SKIP SOLID YELLOW
 STA. 830+50.00 - 838+72.00
 STA. 851+15.00 - 851+50.00

- 9302.00 FT
 4" SOLID WHITE
 STA. 827+50.00 - 844+07.00 LT
 STA. 845+30.00 - 845+87.00 LT
 STA. 846+00.00 - 851+50.00 LT
 STA. 827+50.00 - 845+74.00 RT
 STA. 845+87.00 - 851+50.00 RT



- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
4912.00 FT
 4" DOUBLE YELLOW
 STA. 838+72.00 - 845+80.00
 STA. 845+95.00 - 851+15.00

- 144.00 FT
 4" SKIP YELLOW
 STA. 827+50.00 - 830+50.00

- 2125.36 FT
 4" SKIP SOLID YELLOW
 STA. 830+50.00 - 838+72.00
 STA. 851+15.00 - 851+50.00

- 9302.00 FT
 4" SOLID WHITE
 STA. 827+50.00 - 844+07.00 LT
 STA. 845+30.00 - 845+87.00 LT
 STA. 846+00.00 - 851+50.00 LT
 STA. 827+50.00 - 845+74.00 RT
 STA. 845+87.00 - 851+50.00 RT

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 21981 sign 068.dgn DRAWING DATE: 22-JUL-2024
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	
DRAWING CHECKED C. BARROW	

IDAHO TRANSPORTATION DEPARTMENT

 YOUR Safety - YOUR Mobility - YOUR Economic Opportunity
HMH engineering

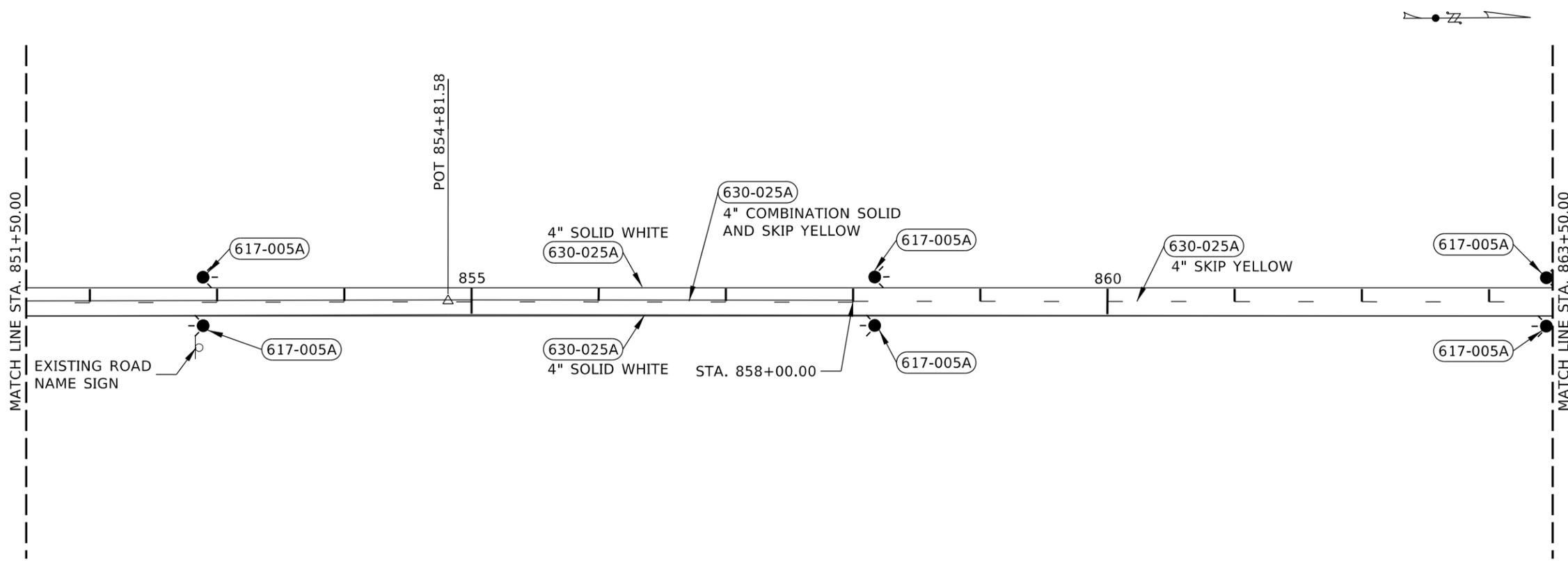
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

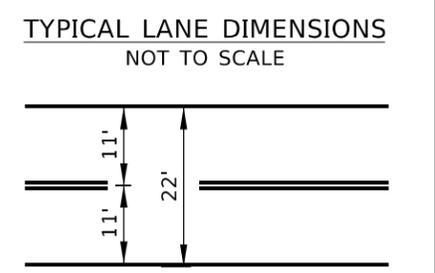
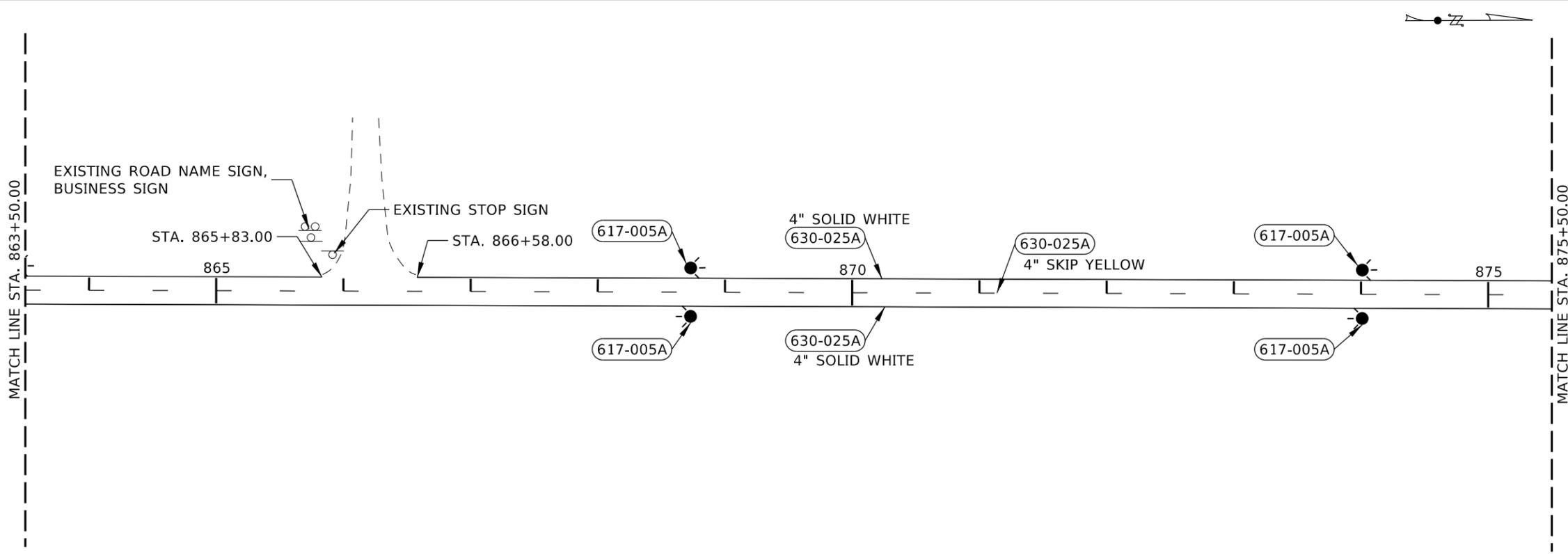
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET	132 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 852+89.00, 19.00 LT
 STA. 852+89.00, 19.00 RT
 STA. 858+17.00, 19.00 LT
 STA. 858+17.00, 19.00 RT
 STA. 863+45.00, 19.00 LT
 STA. 863+45.00, 19.00 RT
 STA. 868+73.00, 19.00 LT
 STA. 868+73.00, 19.00 RT
 STA. 874+01.00, 19.00 LT
 STA. 874+01.00, 19.00 RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 840.00 FT 4" SKIP YELLOW
 STA. 858+00.00 - 875+50.00
- 1612.00 FT 4" SKIP SOLID YELLOW
 STA. 851+50.00 - 858+00.00
- 9450.00 FT 4" SOLID WHITE
 STA. 851+50.00 - 865+83.00 LT
 STA. 866+58.00 - 875+50.00 LT
 STA. 851+50.00 - 875+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 070.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

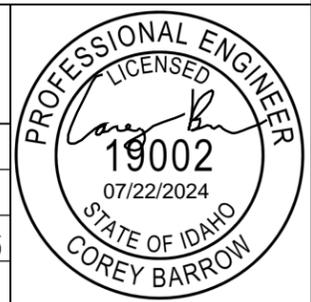
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

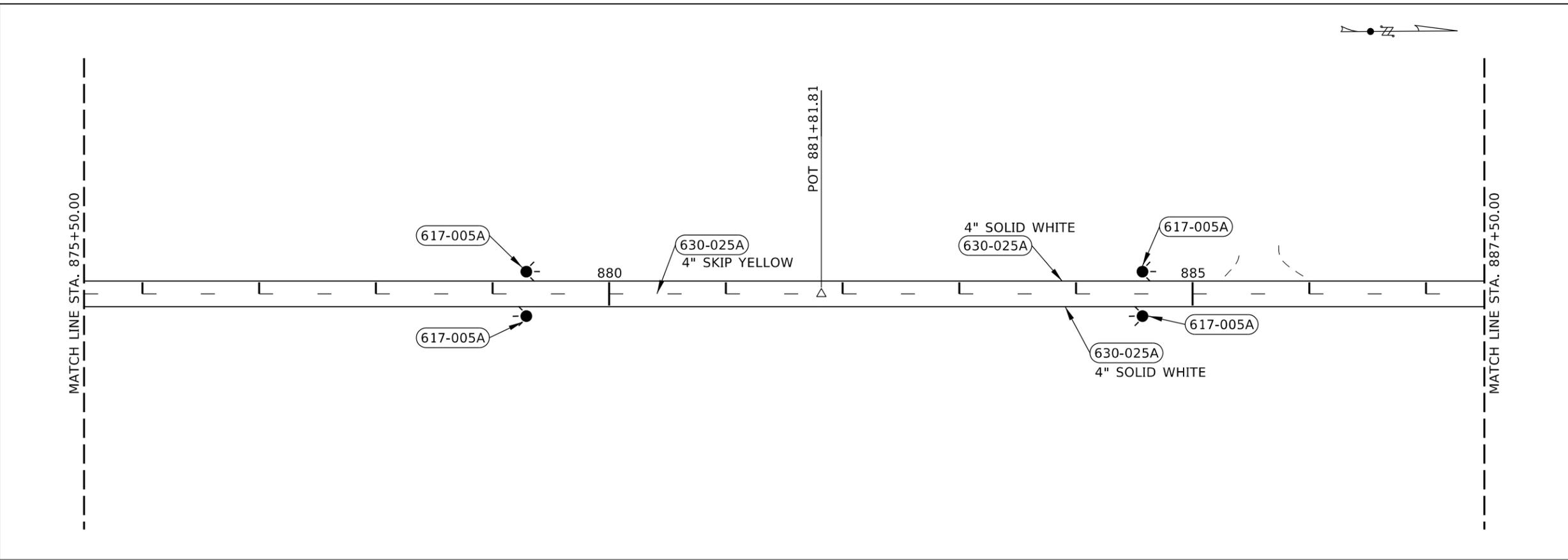
ENGLISH

COUNTY ELMORE

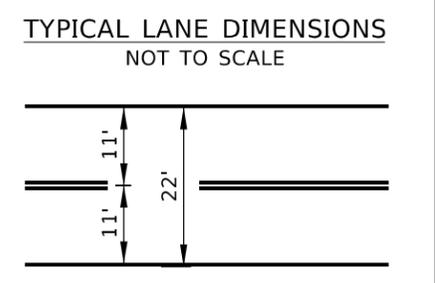
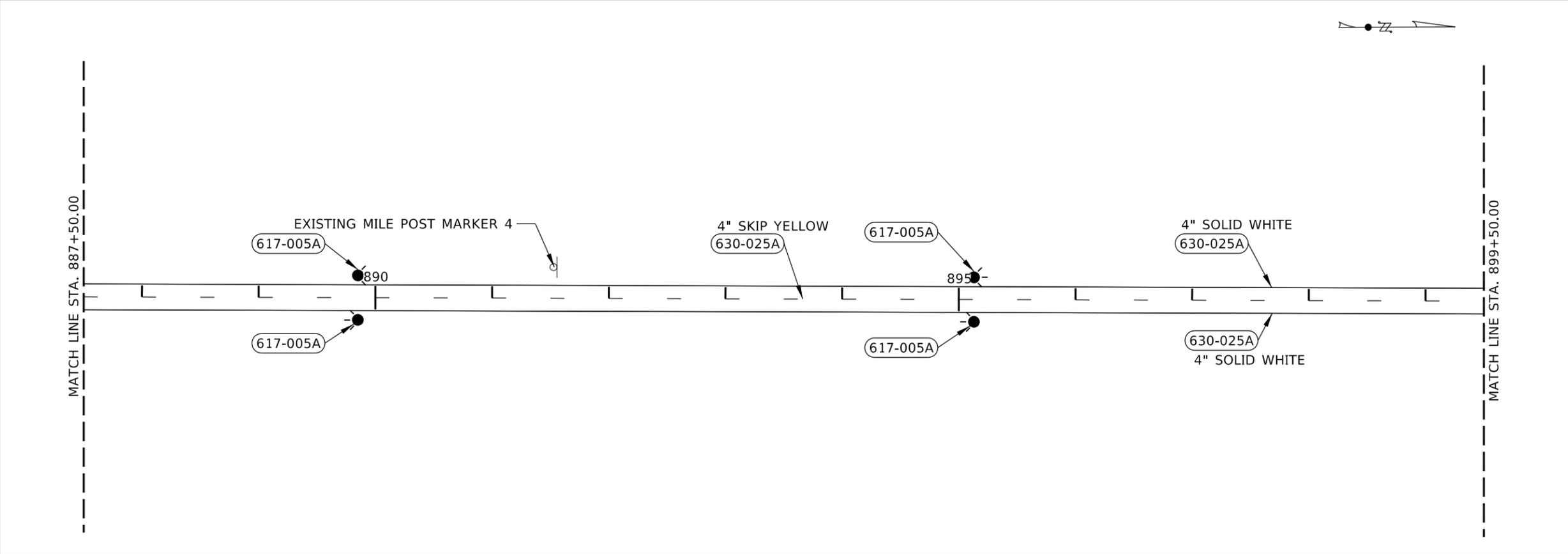
KEY NUMBER 21981
22879 23746 24280

SHEET 133 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 879+29.00, 19.00' LT
 STA. 879+29.00, 19.00' RT
 STA. 884+57.00, 19.00' LT
 STA. 884+57.00, 19.00' RT
 STA. 889+85.00, 19.00' LT
 STA. 889+85.00, 19.00' RT
 STA. 895+13.00, 19.00' LT
 STA. 895+13.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 875+50.00 - 899+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 875+50.00 - 899+50.00 LT
 STA. 875+50.00 - 899+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 072.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

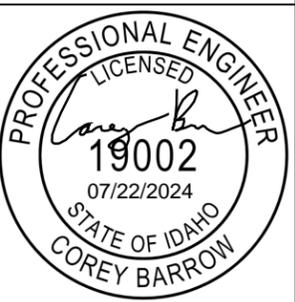
HMH engineering

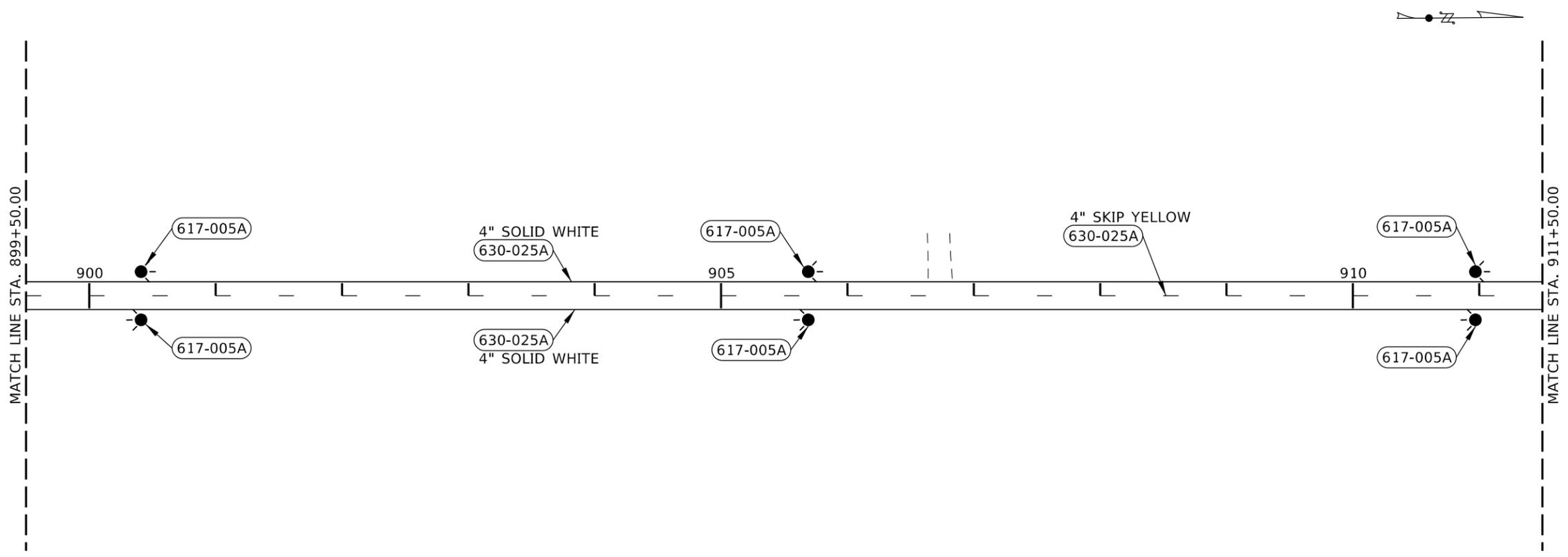
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

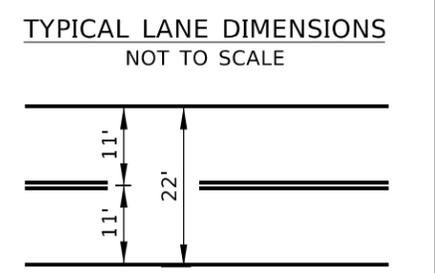
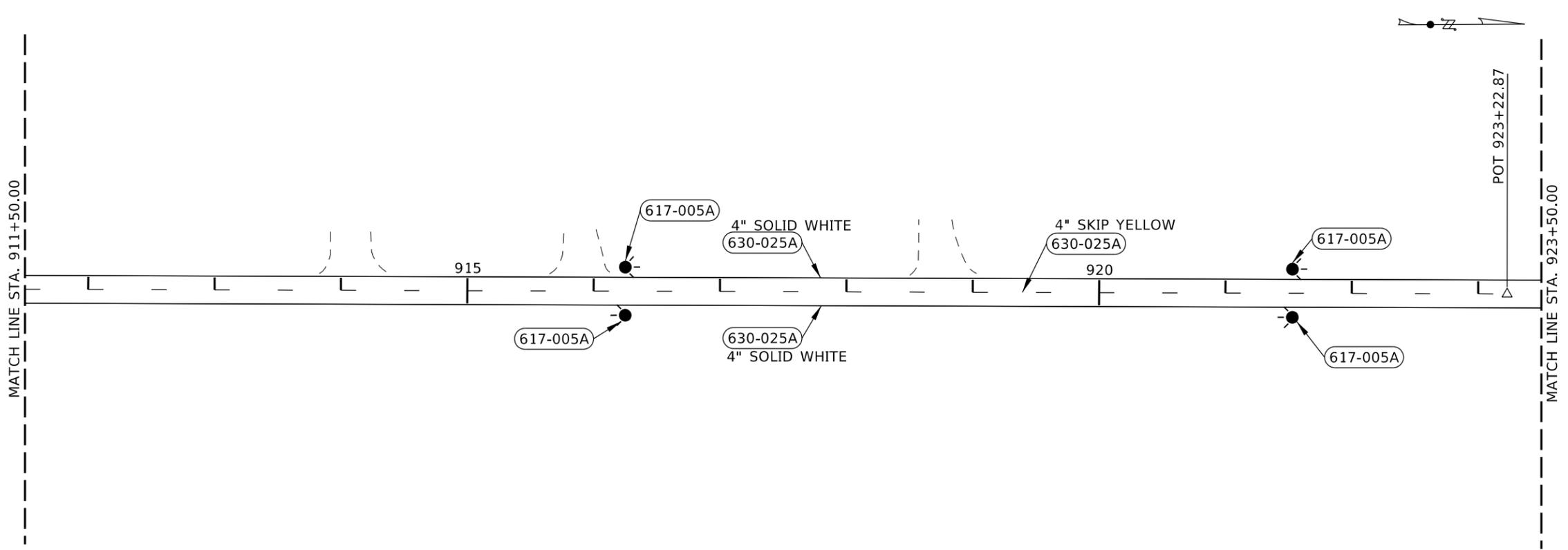
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 134 OF 143	





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 900+41.00, 19.00' LT
 STA. 900+41.00, 19.00' RT
 STA. 905+69.00, 19.00' LT
 STA. 905+69.00, 19.00' RT
 STA. 910+97.00, 19.00' LT
 STA. 910+97.00, 19.00' RT
 STA. 916+25.00, 19.00' LT
 STA. 916+25.00, 19.00' RT
 STA. 921+53.00, 19.00' LT
 STA. 921+53.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 899+50.00 - 923+50.00
 9600.00 FT 4" SOLID WHITE
 STA. 899+50.00 - 923+50.00 LT
 STA. 899+50.00 - 923+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 074.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

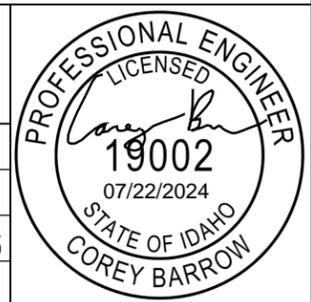
SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

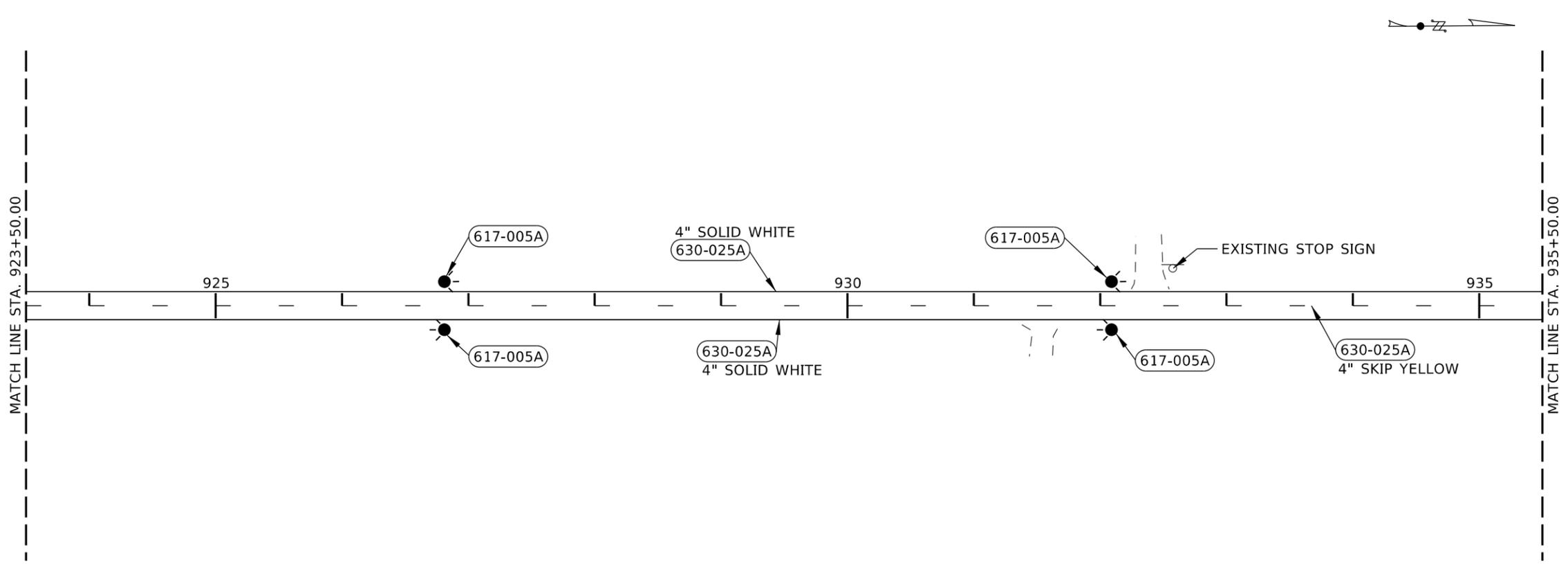
ENGLISH

COUNTY ELMORE

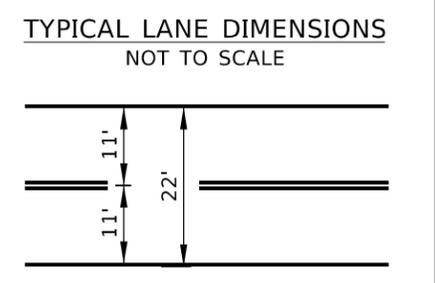
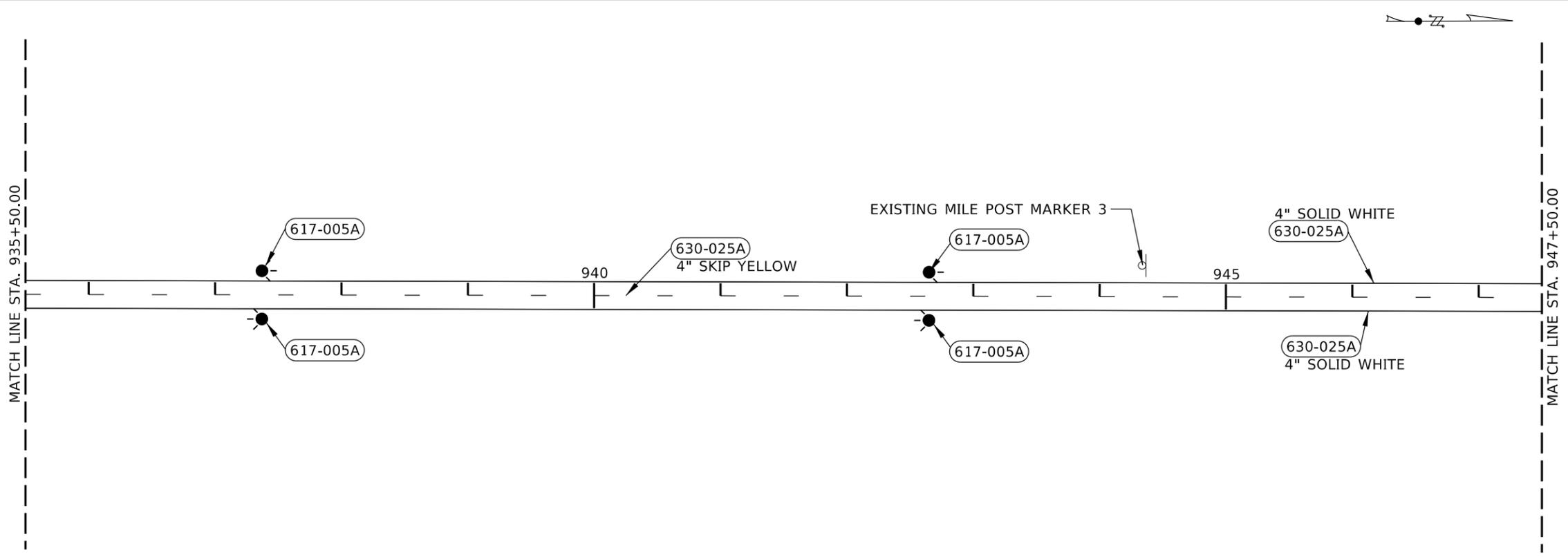
KEY NUMBER 21981
22879 23746 24280

SHEET 135 OF 143





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 926+81.00, 19.00' LT
 STA. 926+81.00, 19.00' RT
 STA. 932+09.00, 19.00' LT
 STA. 932+09.00, 19.00' RT
 STA. 937+37.00, 19.00' LT
 STA. 937+37.00, 19.00' RT
 STA. 942+65.00, 19.00' LT
 STA. 942+65.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 923+50.00 - 947+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 923+50.00 - 947+50.00 LT
 STA. 923+50.00 - 947+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 076.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT



HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

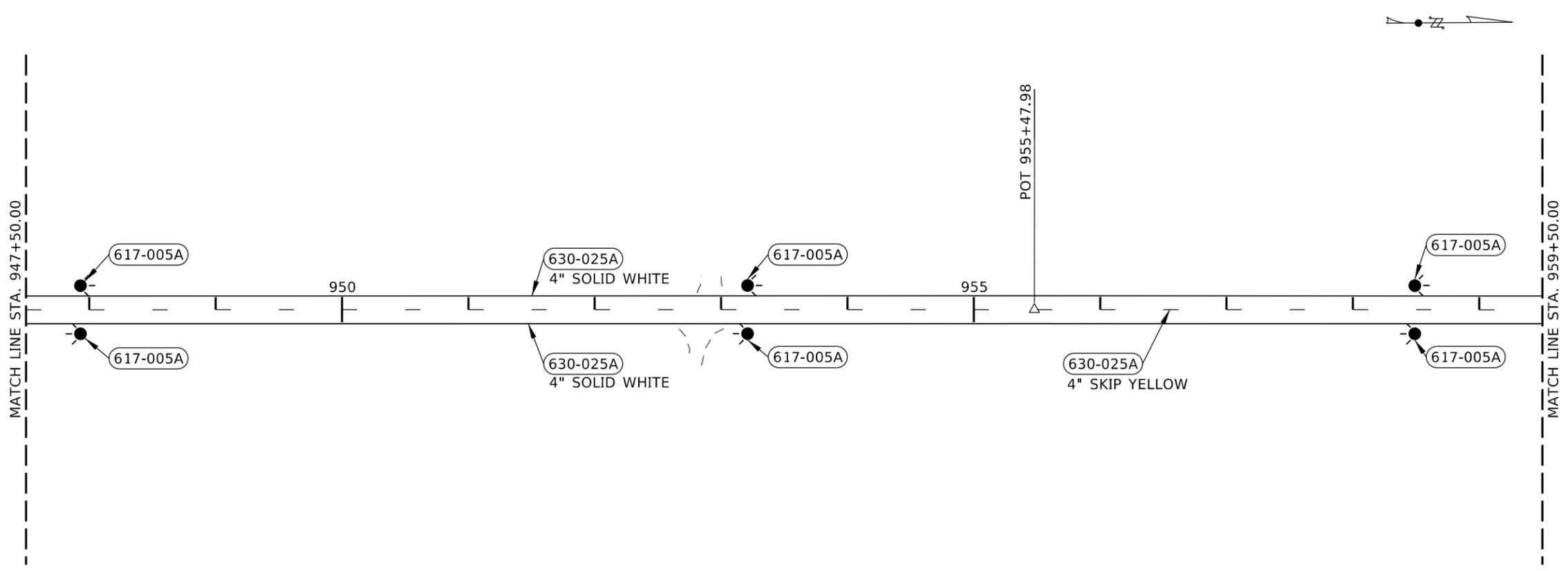
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

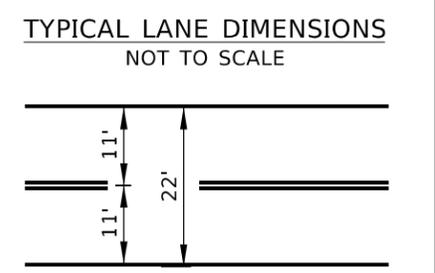
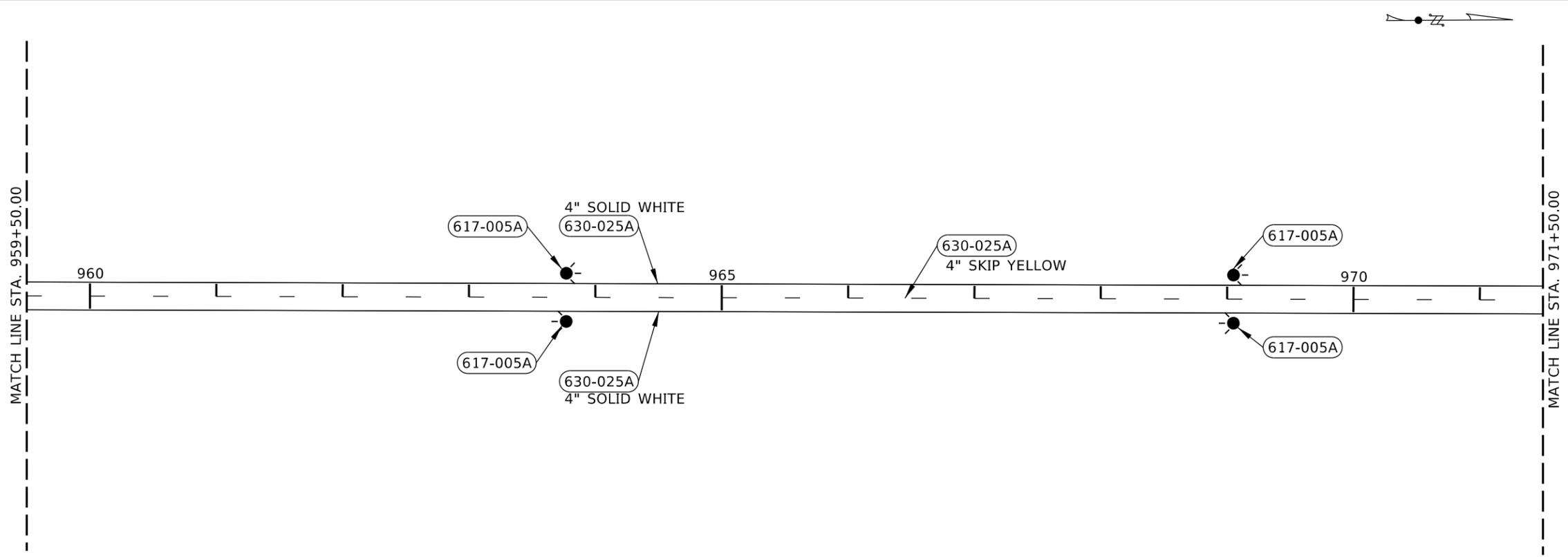
SHEET 136 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 947+93.00, 19.00' LT
 STA. 947+93.00, 19.00' RT
 STA. 953+21.00, 19.00' LT
 STA. 953+21.00, 19.00' RT
 STA. 958+49.00, 19.00' LT
 STA. 958+49.00, 19.00' RT
 STA. 963+77.00, 19.00' LT
 STA. 963+77.00, 19.00' RT
 STA. 969+05.00, 19.00' LT
 STA. 969+05.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1152.00 FT 4" SKIP YELLOW
 STA. 947+50.00 - 971+50.00
 9600.00 FT 4" SOLID WHITE
 STA. 947+50.00 - 971+50.00 LT
 STA. 947+50.00 - 971+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 078.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

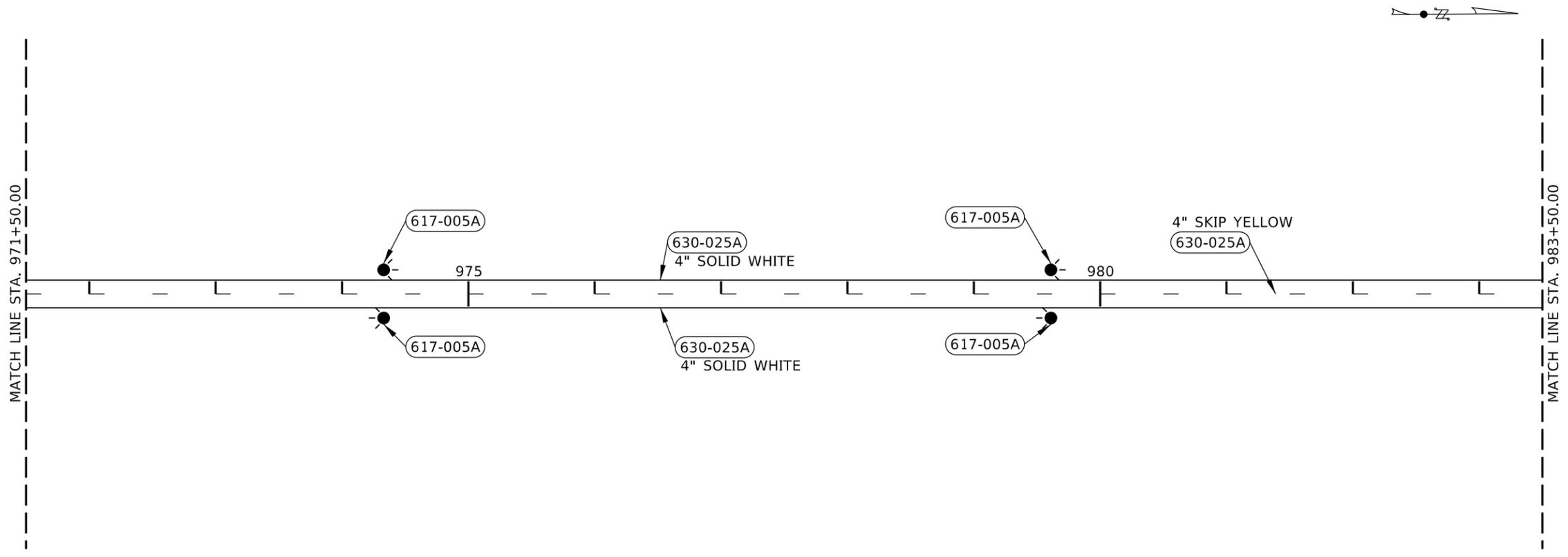
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COUNTY ELMORE

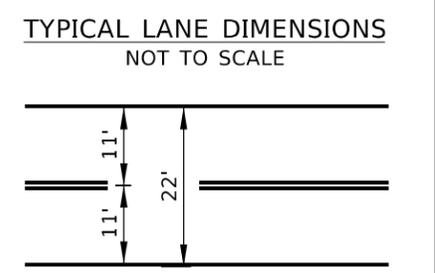
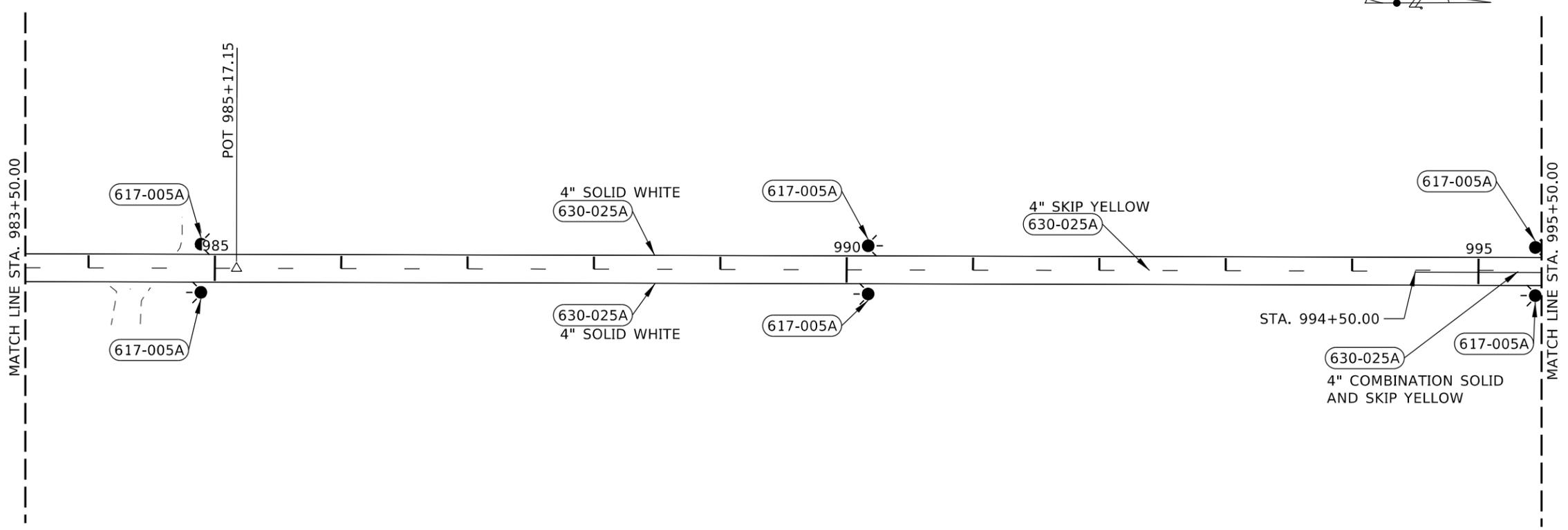
KEY NUMBER 21981
22879 23746 24280

SHEET 137 OF 143





- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 974+33.00, 19.00' LT
 STA. 974+33.00, 19.00' RT
 STA. 979+61.00, 19.00' LT
 STA. 979+61.00, 19.00' RT
 STA. 984+89.00, 19.00' LT
 STA. 984+89.00, 19.00' RT
 STA. 990+17.00, 19.00' LT
 STA. 990+17.00, 19.00' RT
 STA. 995+45.00, 19.00' LT
 STA. 995+45.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 1104.00 FT 4" SKIP YELLOW
 STA. 971+50.00 - 994+50.00
 248.00 FT 4" SKIP SOLID YELLOW
 STA. 994+50.00 - 995+50.00
 9600.00 FT 4" SOLID WHITE
 STA. 971+50.00 - 995+50.00 LT
 STA. 971+50.00 - 995+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 080.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

HMH engineering

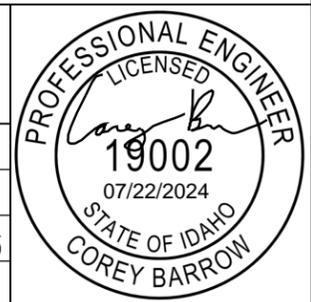
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

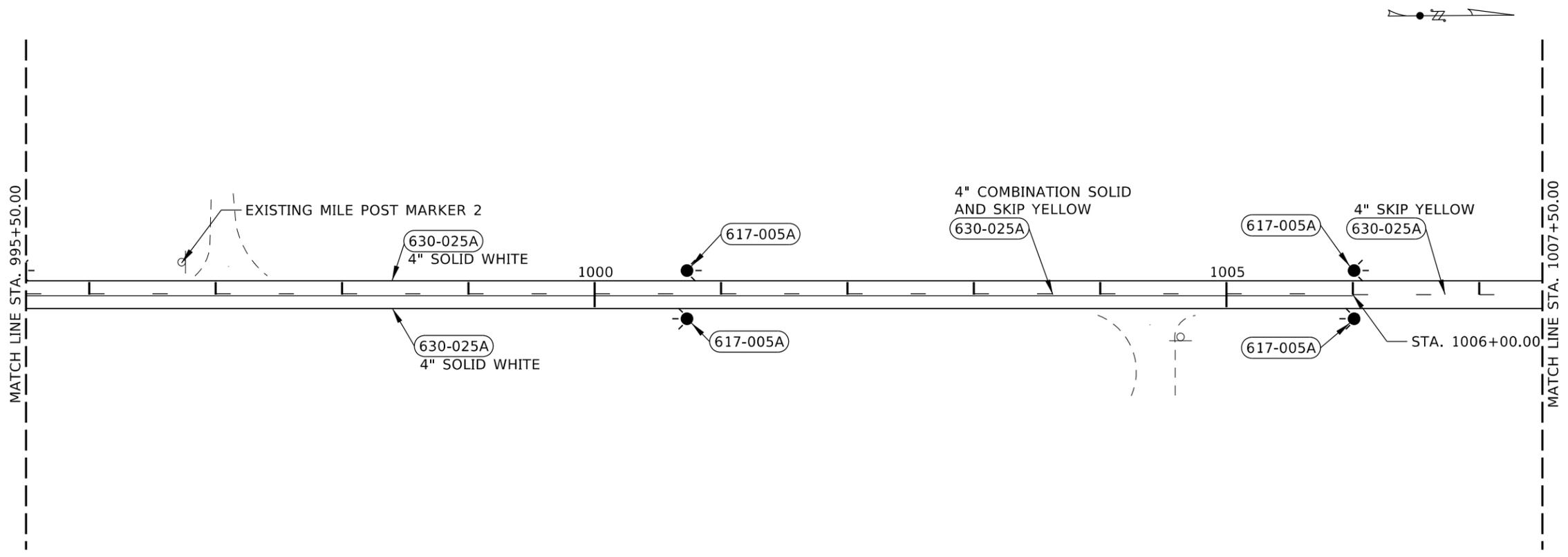
PROJECT NO. A021(981) A022(879) A023(746) A024(280)

SIGNING & PAVEMENT MARKING PLAN

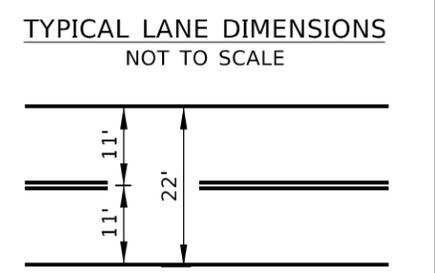
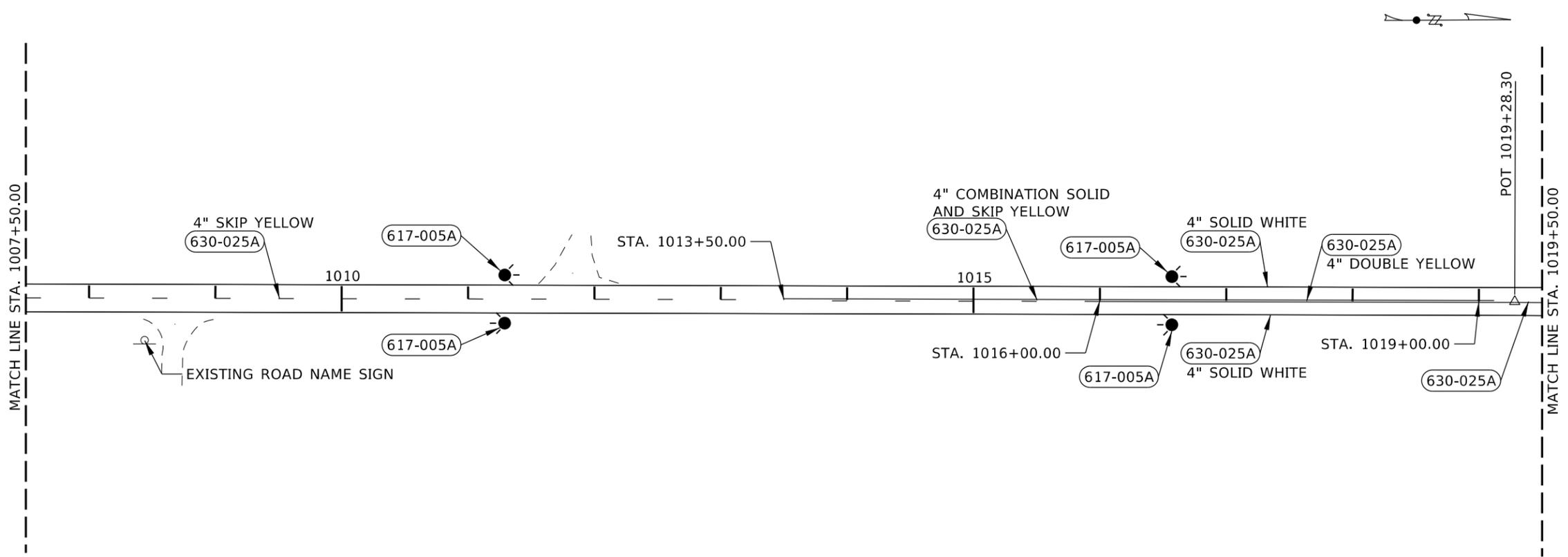
**SIMCO ROAD
REHABILITATION,
MOUNTAIN HOME
HIGHWAY DISTRICT**

ENGLISH	
COUNTY	ELMORE
KEY NUMBER	21981 22879 23746 24280
SHEET 138 OF 143	





- (617-005A) DELINEATOR TY 1
8 EACH
 STA. 1000+73.00, 19.00' LT
 STA. 1000+73.00, 19.00' RT
 STA. 1006+01.00, 19.00' LT
 STA. 1006+01.00, 19.00' RT
 STA. 1011+29.00, 19.00' LT
 STA. 1011+29.00, 19.00' RT
 STA. 1016+57.00, 19.00' LT
 STA. 1016+57.00, 19.00' RT
- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 360.00 FT 4" SKIP YELLOW
 STA. 1006+00.00 - 1013+50.00
- 1200.00 FT 4" DOUBLE YELLOW
 STA. 1016+00.00 - 1019+00.00
- 3348.00 FT 4" SKIP SOLID YELLOW
 STA. 995+50.00 - 1006+00.00
 STA. 1013+50.00 - 1016+00.00
 STA. 1019+00.00 - 1019+50.00
- 9600.00 FT 4" SOLID WHITE
 STA. 995+50.00 - 1019+50.00 LT
 STA. 995+50.00 - 1019+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
21981 sign 082.dgn

DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

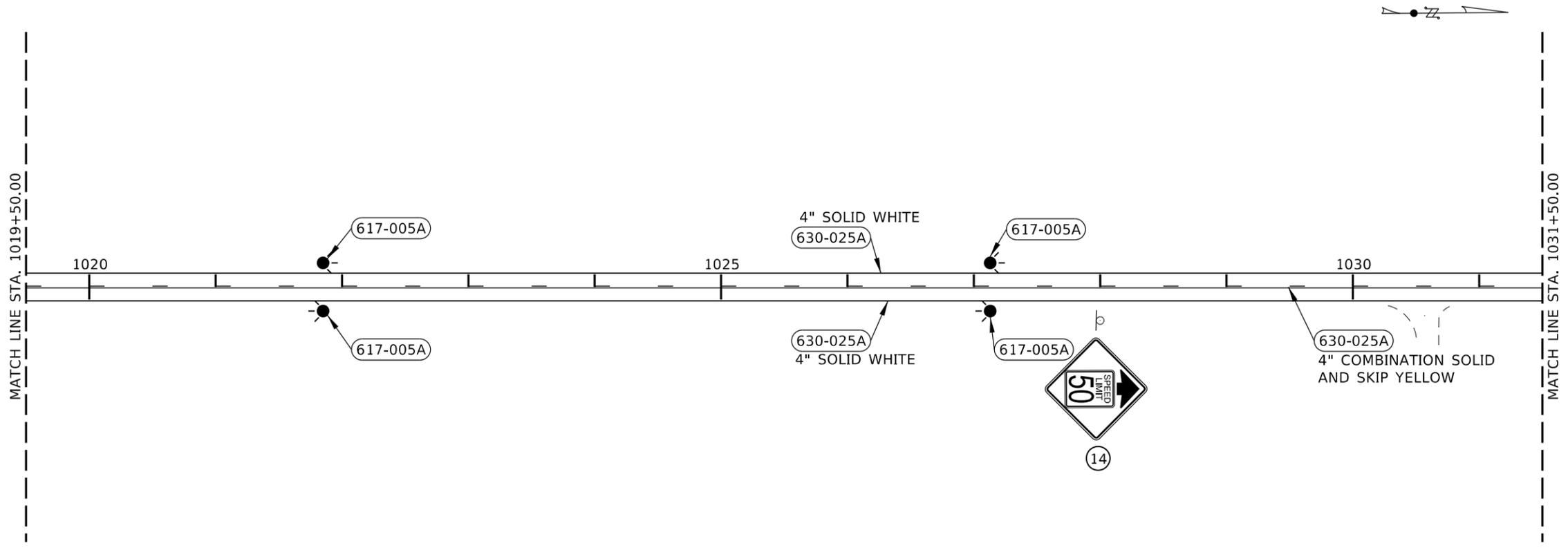
ENGLISH

COUNTY ELMORE

KEY NUMBER 21981
22879 23746 24280

SHEET 139 OF 143



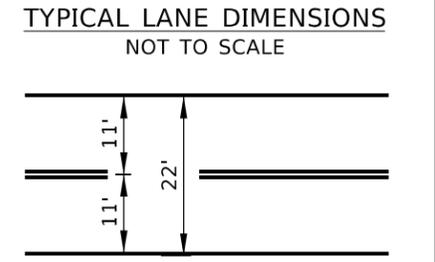
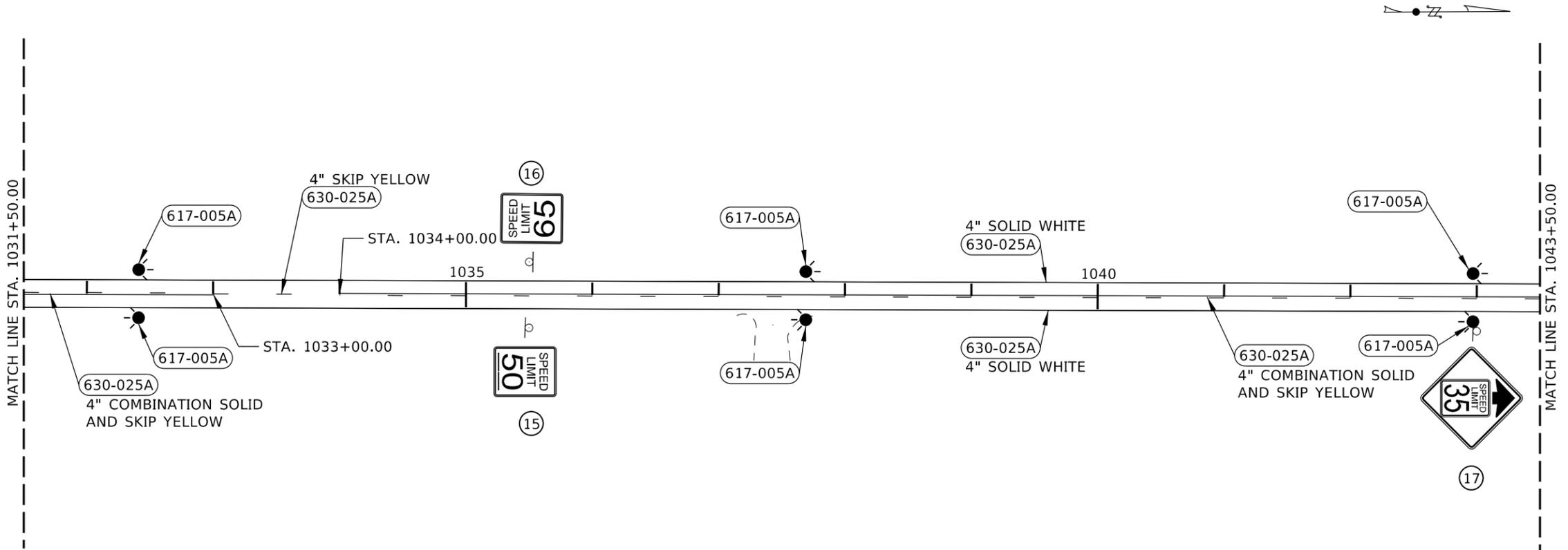


- (617-005A) DELINEATOR TY 1
10 EACH
 STA. 1021+85.00, 19.00' LT
 STA. 1021+85.00, 19.00' RT
 STA. 1027+13.00, 19.00' LT
 STA. 1027+13.00, 19.00' RT
 STA. 1032+41.00, 19.00' LT
 STA. 1032+41.00, 19.00' RT
 STA. 1037+69.00, 19.00' LT
 STA. 1037+69.00, 19.00' RT
 STA. 1042+97.00, 19.00' LT
 STA. 1042+97.00, 19.00' RT

- (630-025A) LONGITUDINAL PAV MKG - WATERBORNE
 48.00 FT 4" SKIP YELLOW
 STA. 1033+00.00 - 1034+00.00

- 5704.00 FT 4" SKIP SOLID YELLOW
 STA. 1019+50.00 - 1033+00.00
 STA. 1034+00.00 - 1043+50.00

- 9600.00 FT 4" SOLID WHITE
 STA. 1019+50.00 - 1043+50.00 LT
 STA. 1019+50.00 - 1043+50.00 RT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. BARROW
DESIGN CHECKED	H. NELSON
DETAILED	G. FALLAR
DRAWING CHECKED	C. BARROW

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 21981 sign 084.dgn

DRAWING DATE: 22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

HMH engineering

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PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

SIGNING & PAVEMENT MARKING PLAN

SIMCO ROAD REHABILITATION, MOUNTAIN HOME HIGHWAY DISTRICT

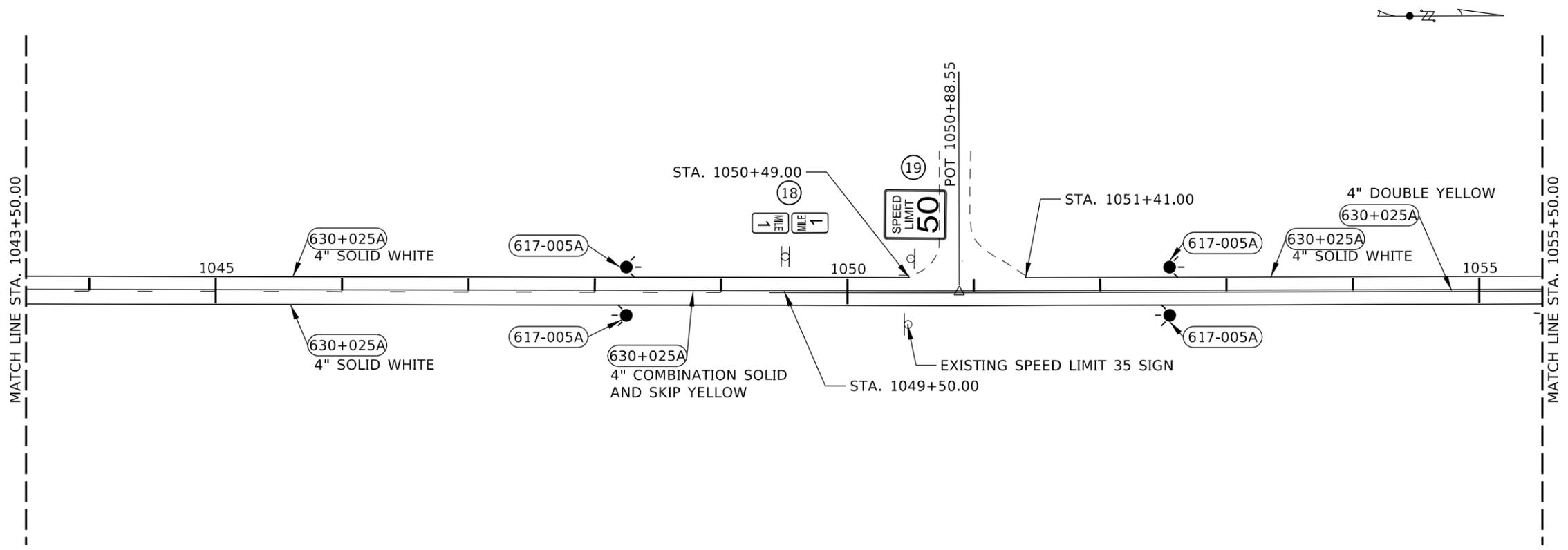
ENGLISH

COUNTY ELMORE

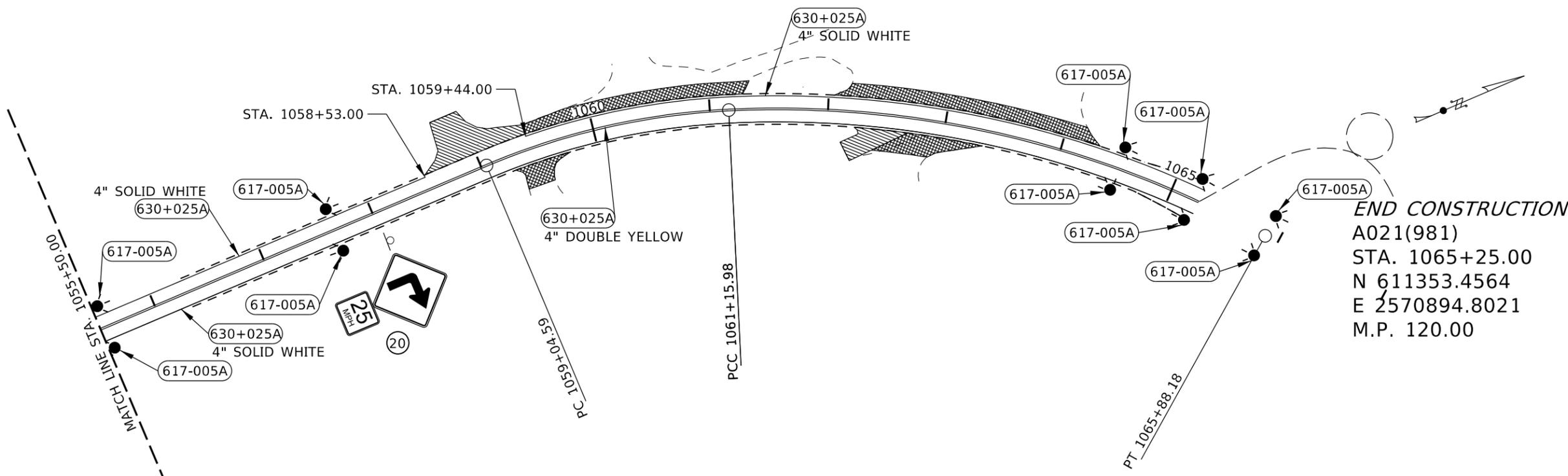
KEY NUMBER 21981
 22879 23746 24280

SHEET 140 OF 143

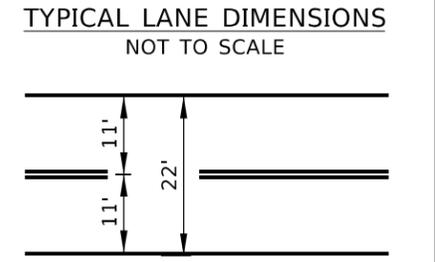




- 617-005A DELINEATOR TY 1
14 EACH
 STA. 1048+25.00, 19.00' LT
 STA. 1048+25.00, 19.00' RT
 STA. 1052+55.00, 19.00' LT
 STA. 1052+55.00, 19.00' RT
 STA. 1055+55.00, 19.00' LT
 STA. 1055+55.00, 19.00' RT
 STA. 1057+65.00, 19.00' LT
 STA. 1057+65.00, 19.00' RT
 STA. 1064+51.00, 19.00' LT
 STA. 1064+51.00, 19.00' RT
 STA. 1065+20.00, 19.00' LT
 STA. 1065+20.00, 19.00' RT
 STA. 1065+88.00, 19.00' LT
 STA. 1065+88.00, 19.00' RT
- 630+025A LONGITUDINAL PAV MKG - WATERBORNE
 6300.00 FT 4" DOUBLE YELLOW
 STA. 1049+50.00 - 1065+25.00
 1488.00 FT 4" SKIP SOLID YELLOW
 STA. 1043+50.00 - 1049+50.00
 8334.00 FT 4" SOLID WHITE
 STA. 1043+50.00 - 1050+49.00 LT
 STA. 1051+41.00 - 1058+53.00 LT
 STA. 1059+44.00 - 1065+25.00 LT
 STA. 1043+50.00 - 1065+25.00 LT



END CONSTRUCTION
 A021(981)
 STA. 1065+25.00
 N 611353.4564
 E 2570894.8021
 M.P. 120.00



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. BARROW	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED H. NELSON	
DETAILED G. FALLAR	CADD FILE NAME 21981 sign 086.dgn
DRAWING CHECKED C. BARROW	DRAWING DATE: 22-JUL-2024

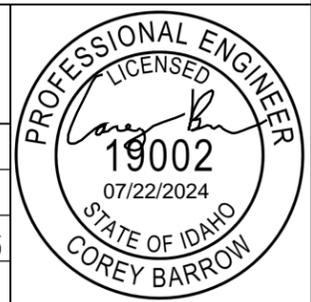
IDAHO
TRANSPORTATION
DEPARTMENT

HMH engineering

PROJECT NO.
 A021(981)
 A022(879)
 A023(746)
 A024(280)

SIGNING & PAVEMENT MARKING PLAN
 SIMCO ROAD
 REHABILITATION,
 MOUNTAIN HOME
 HIGHWAY DISTRICT

ENGLISH
 COUNTY ELMORE
 KEY NUMBER 21981
 22879 23746 24280
 SHEET 141 OF 143



GENERAL NOTES TRAFFIC CONTROL DEVICES

1. MAINTAIN A MINIMUM 11' LANE AT ALL TIMES THROUGH THE WORK ZONE. FLAGGERS WILL BE USED ON APPROACHES WHEN VOLUMES REQUIRE IT OR AS DIRECTED BY THE ENGINEER. ALL FLAGGERS MUST HAVE TWO-WAY RADIOS ON THE PROJECT.
2. CONFORM TO ALL APPLICABLE PROVISIONS OF THE FHWA'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE FOR FABRICATION AND INSTALLATION OF TRAFFIC CONTROL DEVICES.
3. USE CONTRACTOR APPROVED TRAFFIC CONTROL PLANS FOR MOUNTING CONFIGURATION, NUMBER OF SIGNS AND MINOR ADJUSTMENTS NEEDED FOR TRAFFIC CONTROL DEVICES, OR AS DIRECTED BY THE ENGINEER. PERIODICALLY CHECK THE OVERALL EFFECTIVENESS AND PLACEMENT OF THESE INSTALLATIONS UNDER BOTH NIGHT AND DAY CONDITIONS.
4. SPACING FOR ALL CHANNELIZATION DEVICES SHOULD NOT EXCEED A DISTANCE EQUAL TO THE POSTED SPEED LIMIT WHEN USED FOR TAPER CHANNELIZATION AND A DISTANCE OF TWICE THE POSTED SPEED LIMIT WHEN USED FOR TANGENT CHANNELIZATION.
5. ALL PORTABLE SIGN STANDS, FLAGS, TWO-WAY RADIOS, AND WARNING LIGHTS ARE CONSIDERED AS INCIDENTAL ITEMS PAID FOR UNDER ITEM S904-05A SP TEMPORARY TRAFFIC CONTROL.
6. COVER UP OR REMOVE ALL EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING. REPLACE SIGNS REMOVED DURING CONSTRUCTION PRIOR TO COMPLETION OF THE PROJECT. REPLACE ANY SIGNS DAMAGED DURING REMOVAL OR STORAGE AT CONTRACTOR'S EXPENSE.
7. ALL SIGN NUMBER DESIGNATIONS MATCH THOSE LISTED IN THE MUTCD, UNLESS OTHERWISE INDICATED.
8. REMOVE OR LAY DOWN SIGNS AND SIGN STANDS NOT IN USE OUTSIDE THE CLEARZONE.
9. IF THE SPEED IS BEING REDUCED BY MORE THAN 10 MPH, USE ADDITIONAL WARNING SIGNS PER THE MUTCD.

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
RURAL	500'	500'	500'
URBAN (HIGH SPEED)	350'	350'	350'
URBAN (LOW SPEED)	100'	100'	100'

As Specified in the MUTCD

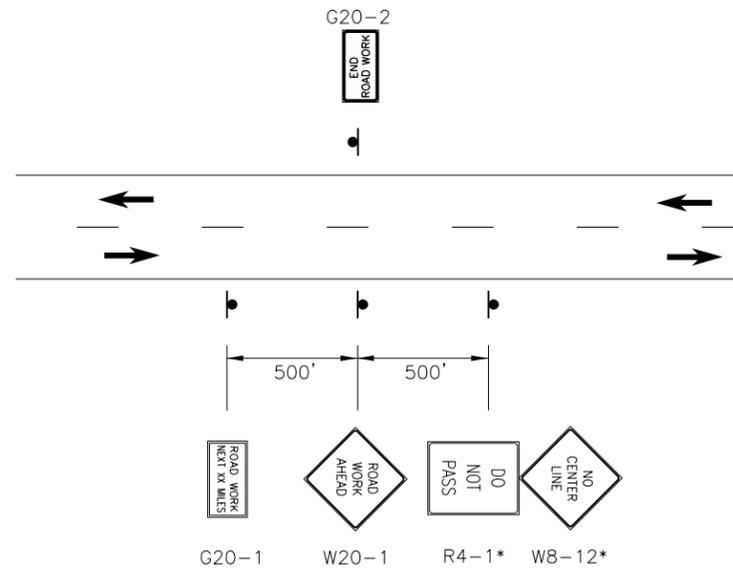
MUTCD TABLE 6B-3 TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES
MERGING TAPER = AT LEAST L
SHIFTING TAPER = AT LEAST 0.5 L
SHOULDER TAPER (ST) = AT LEAST 0.33L
ONE LANE, TWO WAY TRAFFIC TAPER = 50'-100'
DOWNSTREAM TAPER = 50'-100'

MUTCD TABLE 6B-4 FORMULAS FOR DETERMINING TAPER LENGTHS	
(40 MPH or Less)	(45 MPH or More)
$L = \frac{WS^2}{60}$	$L = WS$
W = WIDTH OF OFFSET IN FEET	W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED	S = POSTED SPEED

L = Merging Taper
 1/2 L = Shifting Taper
 1/3 L = Shoulder Taper

MUTCD TABLE 6B-2 STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED	
*SPEED (MPH)	DISTANCE (FT.)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

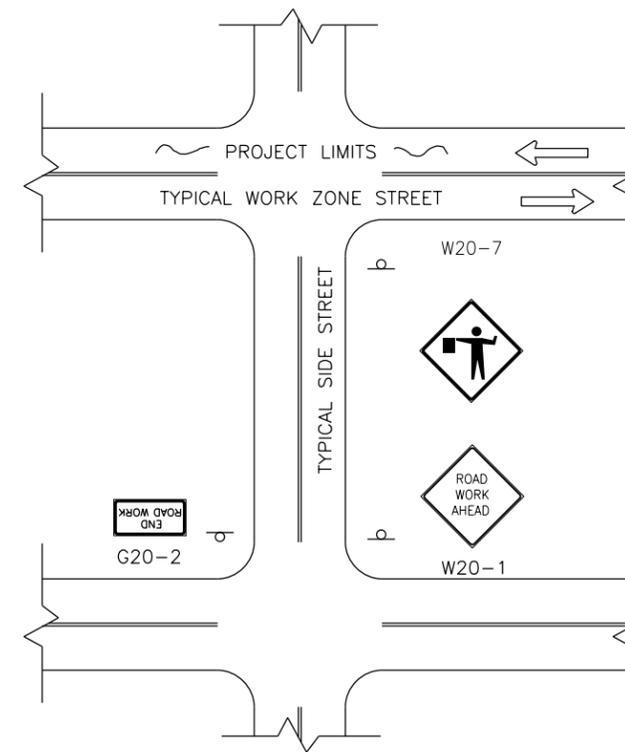
*Posted speed, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed



TYPICAL POST MOUNTED SIGNING AT PROJECT LIMITS

NOT TO SCALE

*PLACE R4-1 AND W8-12 SIGNS AT PROJECT LIMITS AND REPEATED EVERY 2 MILES WHEN CENTERLINE PAVEMENT MARKINGS ARE OBLIGATED



TYPICAL FLAGGING AT SIDE STREETS

NOT TO SCALE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MARCUS LEVESEY
DESIGN CHECKED	CHANC MEYER
DETAILED	MARCUS LEVESEY
DRAWING CHECKED	G.E. SIEGFORD

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
21981 TRCP 001.DGN
DRAWING DATE:
22-JUL-2024

IDAHO TRANSPORTATION DEPARTMENT

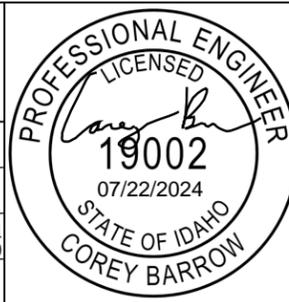
YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

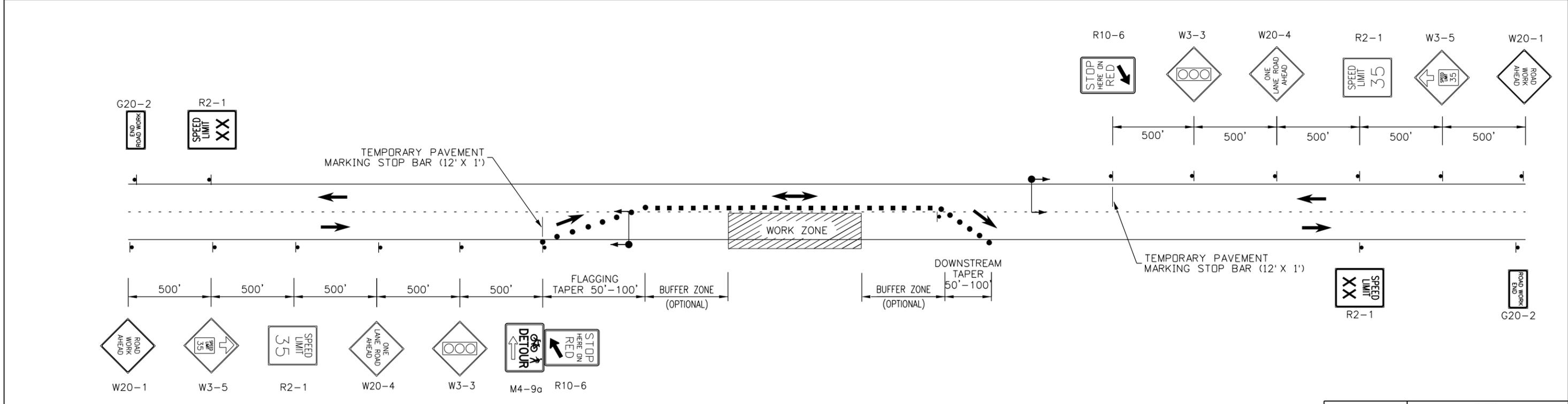
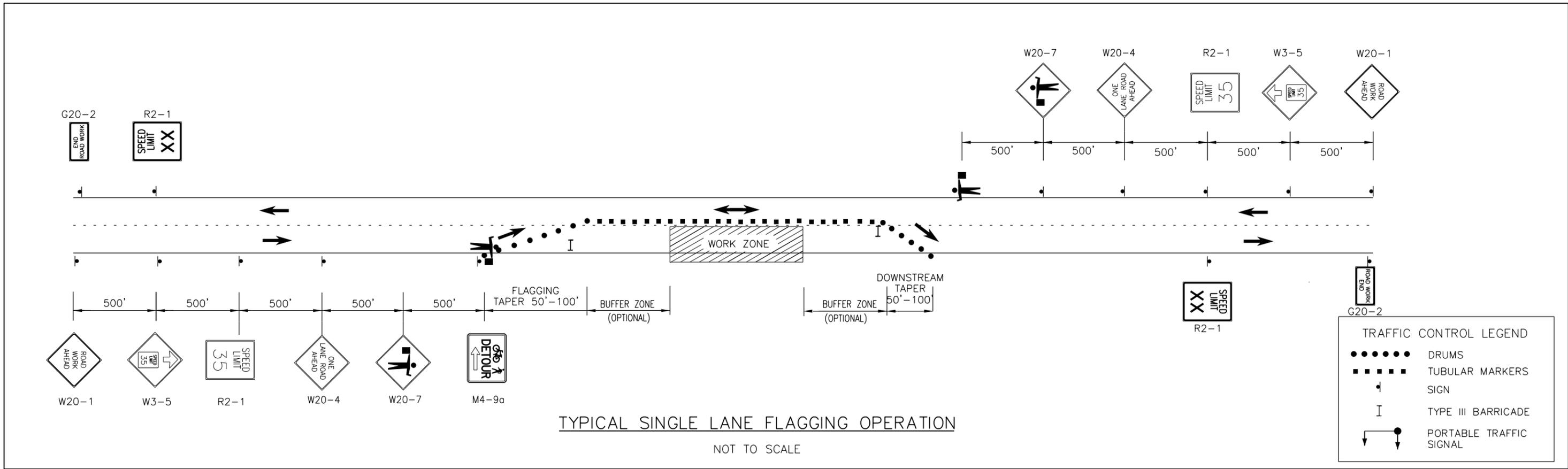
HMH engineering

PROJECT NO.
A021(981)
A022(879)
A023(746)
A024(280)

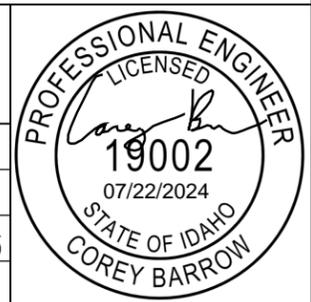
TEMPORARY TRAFFIC CONTROL PLAN
SIMCO ROAD REHABILITATION MOUNTAIN HOME HIGHWAY DISTRICT

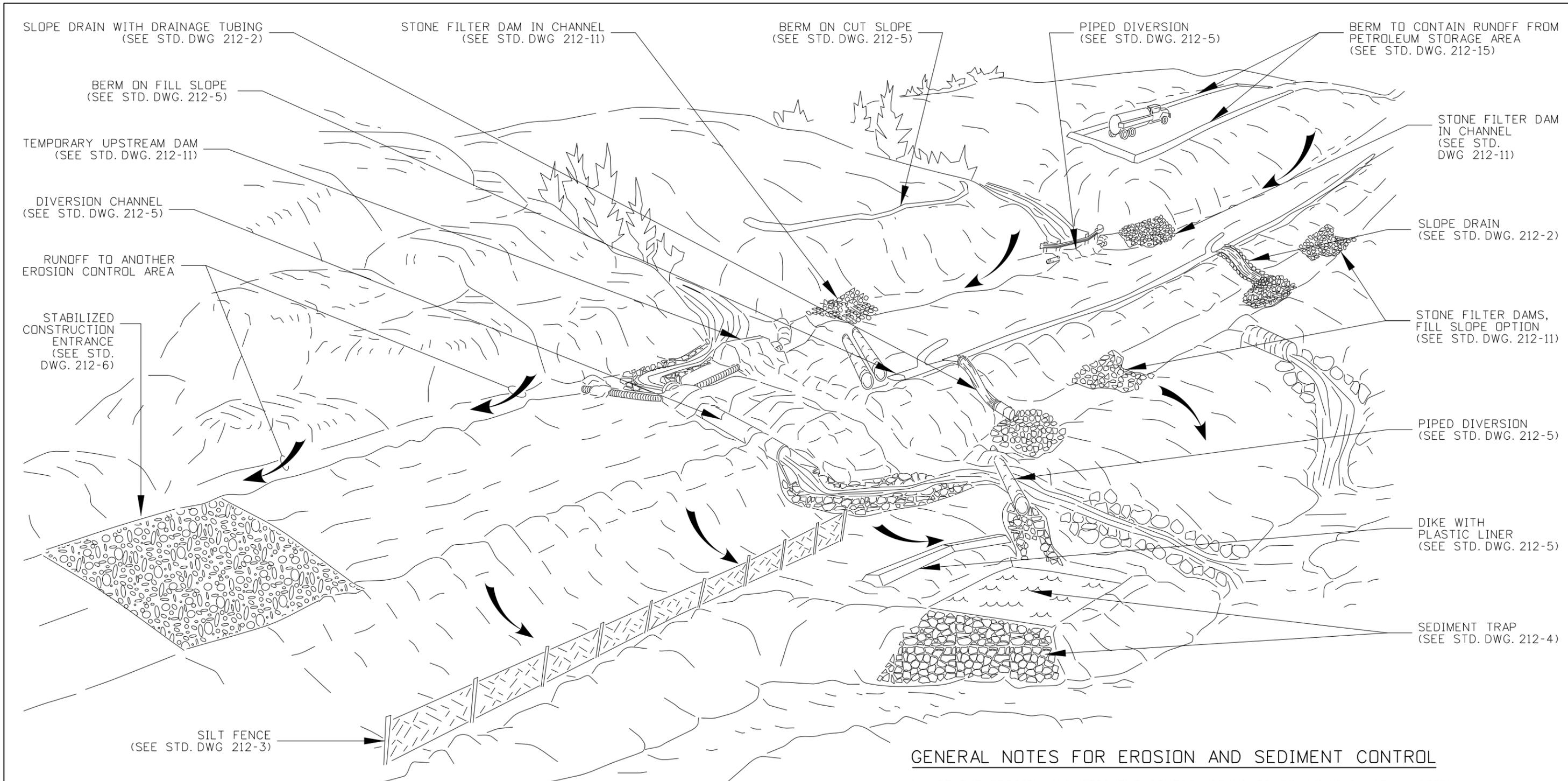
ENGLISH
COUNTY
ELMORE
KEY NUMBER
21981 22879 23746 24280
SHEET 142 OF 143





REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety → YOUR Mobility → YOUR Economic Opportunity	PROJECT NO. A021(981) A022(879) A023(746) A024(280)	TEMPORARY TRAFFIC CONTROL PLAN SIMCO ROAD REHABILITATION MOUNTAIN HOME HIGHWAY DISTRICT	ENGLISH
NO.	DATE	BY	DESCRIPTION	MARCUS LEVESEY					
				DESIGN CHECKED CHANC MEYER					
				DETAILED MARCUS LEVESEY					
				DRAWING CHECKED G.E. SIEGFORD					
				CADD FILE NAME 21981 TRCP 001.DGN	HMH engineering	COUNTY ELMORE	KEY NUMBER 21981 22879 23746 24280	SHEET 143 OF 143	
				DRAWING DATE: 22-JUL-2024					





GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

1. USE THE EROSION AND SEDIMENT CONTROL STANDARD DRAWINGS IN CONJUNCTION WITH THE ITD BEST MANAGEMENT PRACTICES MANUAL.
2. THE PLACEMENT OF EROSION CONTROL MEASURES IS SITE SPECIFIC. OBTAIN THE ENGINEER'S APPROVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO INSTALLATION.
3. EROSION AND SEDIMENT CONTROL MEASURES PLACEMENT AND INSTALLATION MAY BE CONTROLLED BY THE NPDES, 404 PERMIT OR CONTRACT SPECIFICATIONS.
4. DRAWING NOT TO SCALE

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	9-93	MSM	6	12-16	RDL			
2	6-96	MSM	7	02-21	TWF			
3	10-10	KEH						
4	10-11	KEH						
5	12-12	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
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 DRAWING DATE: APRIL, 1993

IDAHO TRANSPORTATION DEPARTMENT

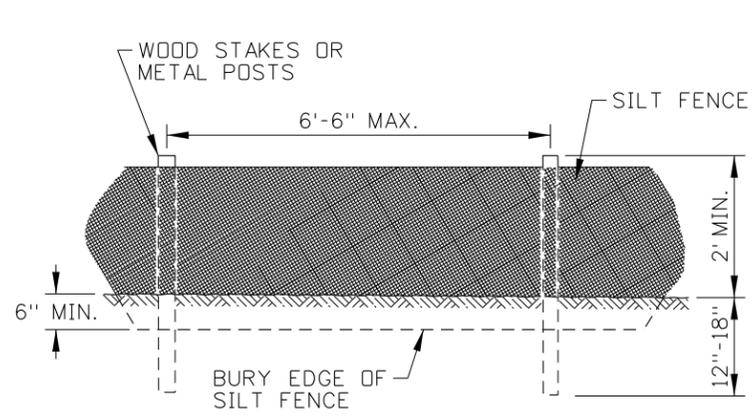


BOISE IDAHO

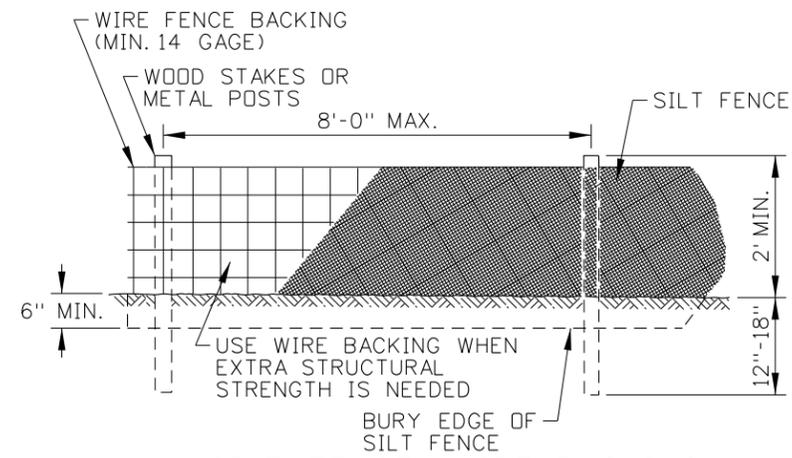
ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
EROSION AND SEDIMENT CONTROL
 EXAMPLE APPLICATIONS

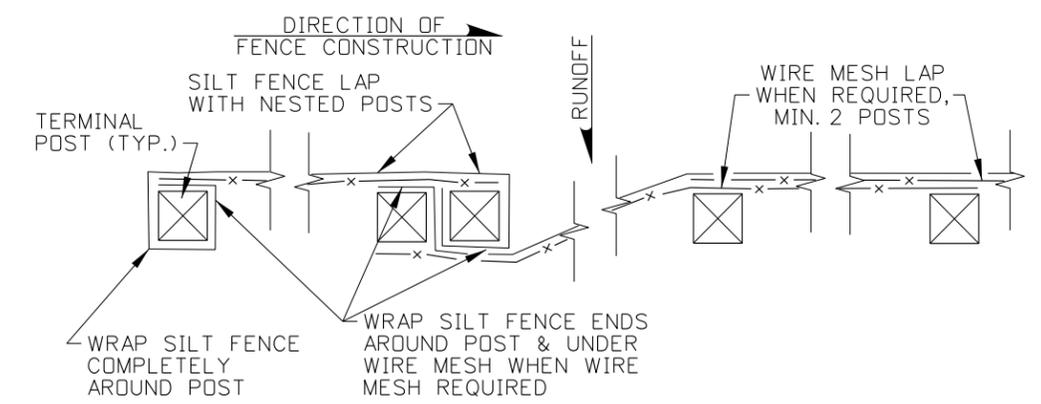
English
 STANDARD DRAWING NO.
212-1
 SHEET 1 OF 1



SILT FENCE (NO WIRE BACKING)



SILT FENCE (WIRE BACKING)



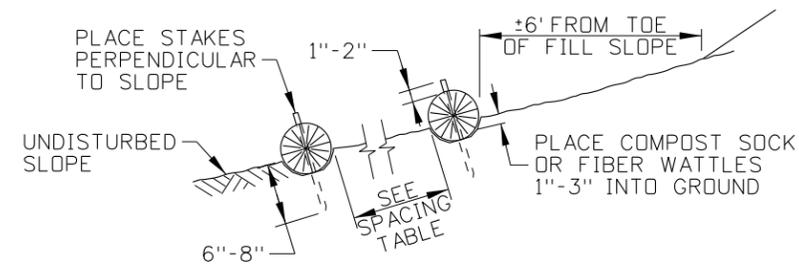
SILT FENCE LAP DETAIL

SLOPE	WATTLE SIZE			
	6"	9"	12"	20"
1:1	5 FT	10 FT	15 FT	20 FT
2:1	10 FT	20 FT	30 FT	40 FT
3:1	15 FT	30 FT	45 FT	60 FT
4:1 OR FLATTER	20 FT	40 FT	60 FT	80 FT

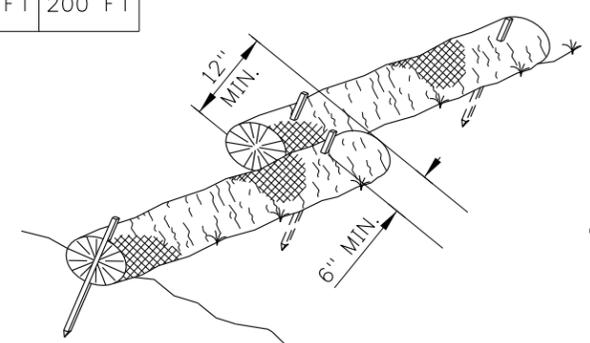
SLOPE	SOIL TYPE		
	SILTY	CLAYS	SANDY
1:1	50 FT	75 FT	100 FT
2:1	75 FT	100 FT	125 FT
4:1	100 FT	125 FT	150 FT
10:1 OR FLATTER	125 FT	150 FT	200 FT

NOTES

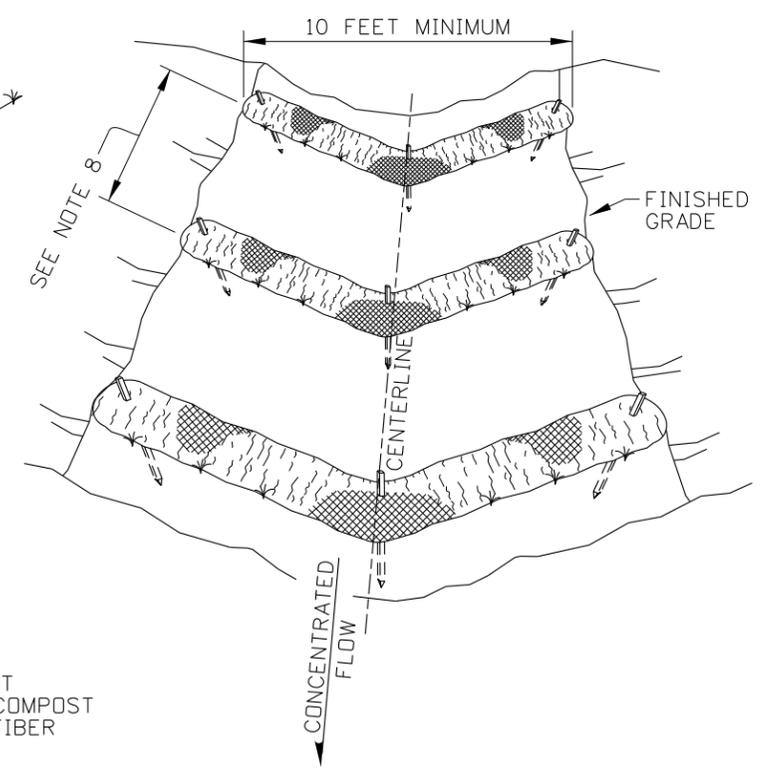
- SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
- THE NEED FOR TEMPORARY SEDIMENT CONTROL DEVICES ARE DETERMINED BY SITE DESIGN. SPACE SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES IN ACCORDANCE WITH THE SILT FENCE SPACING TABLE AND FIBER WATTLE & COMPOST SOCK SPACING TABLE.
- INSTALL TEMPORARY SEDIMENT CONTROL BARRIERS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS. THE DIMENSIONS SHOWN ARE GENERAL GUIDELINES.
- PLACE SEDIMENT BARRIERS TO FOLLOW THE SLOPE CONTOURS. USE EITHER METAL POSTS OR WOOD STAKES.
- ENSURE RUNOFF PASSES THROUGH THE SILT FENCE AND NOT AROUND THE FENCE.
- GROUND SILT FENCES WITH WIRE MESH IN ACCORDANCE WITH THE GROUNDING DETAIL SHOWN ON STANDARD DRAWING 610-1.
- EXTEND OR JOIN SILT FENCE USING SILT FENCE LAP WITH NESTED POSTS.
- SPACE CHECK DAMS ACCORDING TO THE HEIGHT OF THE DAM AND THE SLOPE OF THE CHANNEL SO THE BACKWATER FROM THE DOWNSTREAM DAM REACHES THE TOE OF THE UPSTREAM DAM.
- ON SLOPES, TURN THE ENDS OF EACH ROW OF COMPOST SOCKS AND FIBER WATTLES UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE SOCK OR WATTLE.
- REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE BARRIER.
- DRAWING NOT TO SCALE.



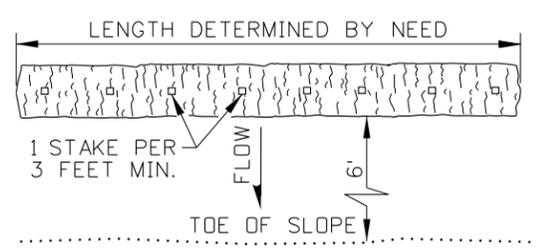
COMPOST SOCK AND FIBER WATTLE SIDE VIEW



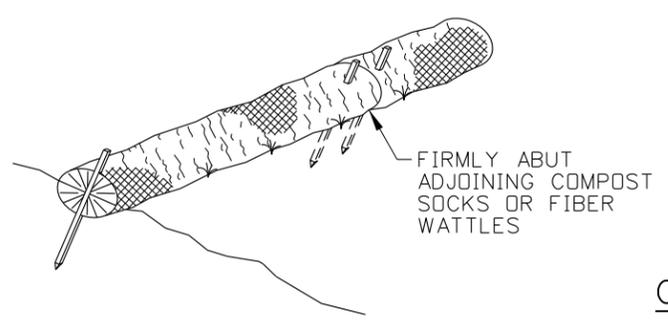
COMPOST SOCK AND FIBER WATTLE OVERLAPPING DETAIL



COMPOST SOCK AND FIBER WATTLE TEMPORARY CHECK DAM DETAIL



COMPOST SOCK AND FIBER WATTLE PLAN VIEW



COMPOST SOCK AND FIBER WATTLE ABUTTING DETAIL

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	09-93	MSM	6	01-13	RDL			
2	12-94	MSM	7	03-21	TWF			
3	06-96	GFK						
4	10-10	KEH						
5	10-11	KEH						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 212-03_0421.dgn
 DRAWING DATE: APRIL, 1993

IDAHO TRANSPORTATION DEPARTMENT

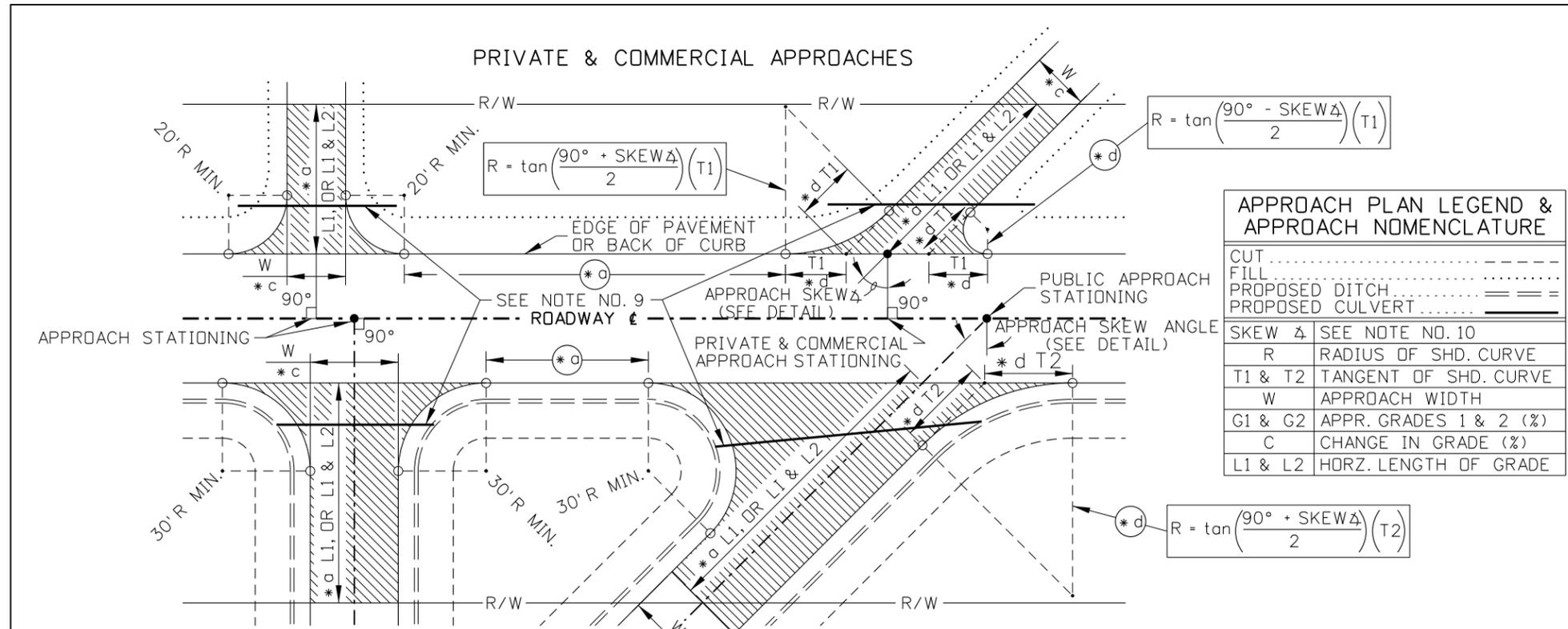
BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
TEMPORARY EROSION AND SEDIMENT CONTROL
 SILT FENCE, FIBER WATTLE, AND COMPOST SOCK
 REQUIRES STD. DWG. 212-1

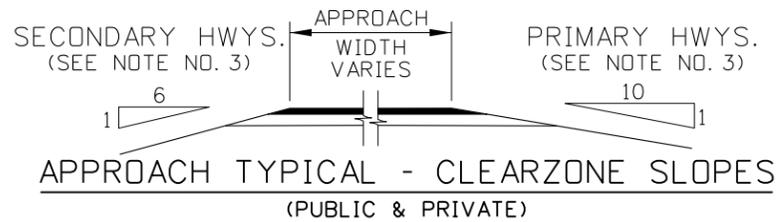
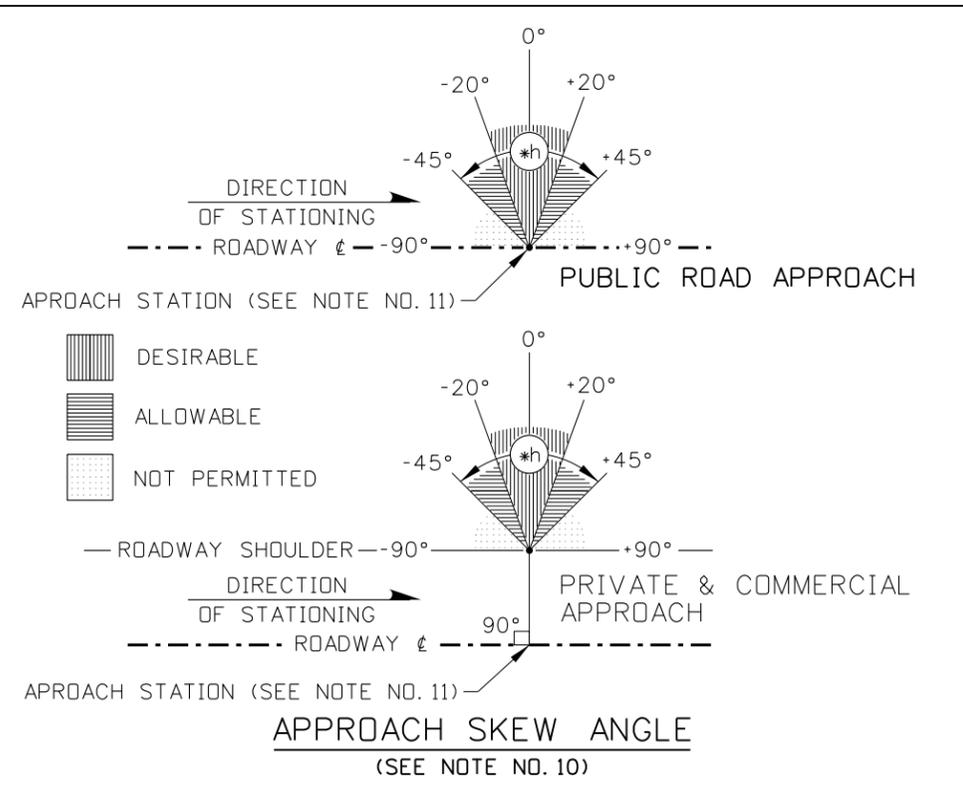
English
 STANDARD DRAWING NO.
212-3
 SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho



APPROACH PLAN LEGEND & APPROACH NOMENCLATURE

CUT
FILL
PROPOSED DITCH	=====
PROPOSED CULVERT
SKEW Δ	SEE NOTE NO. 10
R	RADIUS OF SHD. CURVE
T1 & T2	TANGENT OF SHD. CURVE
W	APPROACH WIDTH
G1 & G2	APPR. GRADES 1 & 2 (%)
C	CHANGE IN GRADE (%)
L1 & L2	HORZ. LENGTH OF GRADE



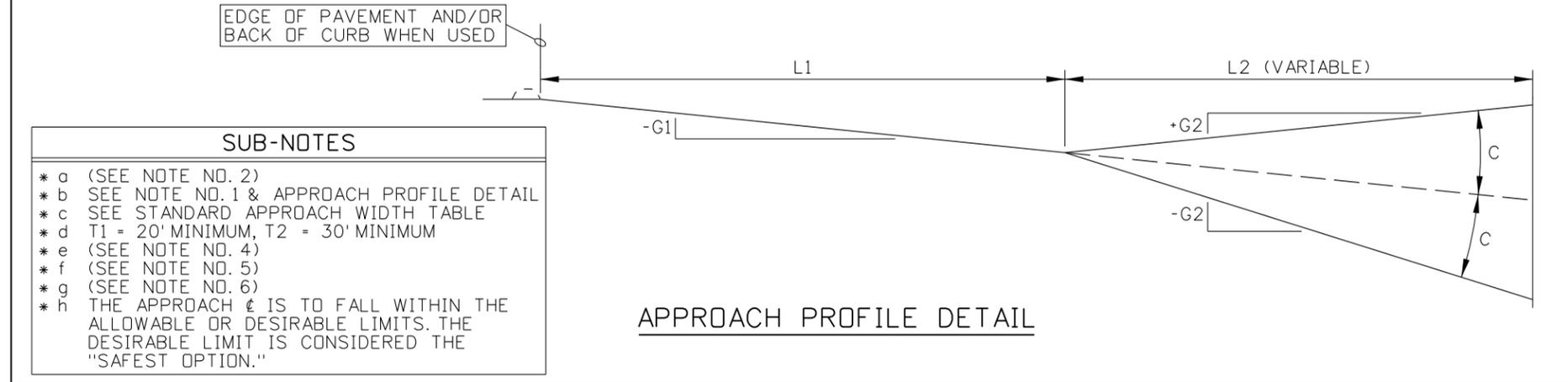
APPROACH GRADE TABLE

TRAFFIC TYPE	GRADE PARAMETER		MAX. CHANGE IN GRADE C	MINIMUM LENGTH L1
	G1 (RANGE)	G2 (MAX.)		
HIGH VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -3%	±5%	±3% (*e)	40'
LOW VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -5%	±8%	±6%	40'
SINGLE RESIDENTIAL, FARMYARD, FIELD	-2% TO -8%	±15% *g	VEHICLE CLEARANCE	10'
MULTIPLE RESIDENTIAL	-2% TO -8%	±15% *g	±6%	20'
PUBLIC ROAD	-2%	*f	±2%	20'

STANDARD APPROACH WIDTH TABLE

POSTED SPEED (mph)	≤35		>35	
	MIN.	MAX.	MIN.	MAX.
MULTIPLE RESIDENTIAL	28'	40'	28'	40'
SINGLE RESIDENTIAL, FARMYARD, FIELD	12'	40'	20'	40'
COMMERCIAL (ONE-WAY)	15'	30'	20'	30'
COMMERCIAL (TWO-WAY)	25'	40'	25'	40'
PUBLIC ROAD	28'	N/A	28'	N/A

- RURAL PRIVATE, COMMERCIAL, AND PUBLIC APPROACHES SHALL BE PAVED TO THE RIGHT-OF-WAY LINE OR TO THE BACK OF THE SHOULDER CURVE (APPROACH RADIUS). FARMYARD AND FIELD APPROACHES THAT ARE OCCASIONALLY USED MAY BE PAVED A MINIMUM OF 5' FROM THE SHOULDER LINE. APPROACHES ON EXISTING UNPAVED HIGHWAYS ARE EXEMPT.
- REFER TO THE ITD ADMINISTRATIVE POLICY 5005 FOR ADDITIONAL INFORMATION ON LOCATION OF APPROACHES.
- WITHIN THE CLEARZONE THE SIDE SLOPES OF APPROACHES SHALL BE A MINIMUM OF 6:1 OF SECONDARY HIGHWAYS AND A MINIMUM OF 10:1 ON PRIMARY HIGHWAYS.
- WHEN THE "MAXIMUM CHANGE IN GRADE" (APPROACH GRADE TABLE) "C" IS EXCEEDED, A MINIMUM 10' VERTICAL CURVE SHALL BE USED IN THE APPROACH PROFILE.
- THE % GRADE OF "G2" SHALL BE A MAXIMUM OF 7% FOR FLAT TERRAIN, 11% FOR ROLLING TERRAIN, OR 15% FOR MOUNTAINOUS.
- APPROACH GRADES EXCEEDING 10% ARE NOT RECOMMENDED BECAUSE EMERGENCY VEHICLES MAY BE IMPEDED.
- THE BALLAST REQUIREMENTS OF RURAL APPROACHES SHALL BE AS SHOWN ON THE PLANS.
- WHEN A MAILBOX TURNOUT IS INSTALLED WITH A RURAL APPROACH, STD. DWG. 405-2 IS REQUIRED.
- ALL RURAL PRIVATE AND COMMERCIAL APPROACHES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT THE APPROACH DRAINAGE IS INDEPENDENT AND DOES NOT CONTRIBUTE TO EXISTING HIGHWAY DRAINAGE. ALL RURAL PUBLIC APPROACHES SHALL BE DESIGNED AND CONSTRUCTED TO ADDRESS BOTH THE MAIN HIGHWAY AND APPROACH DRAINAGE.
- THE APPROACH SKEW ANGLE IS THE DEFLECTION ANGLE BETWEEN A LINE PERPENDICULAR TO THE HIGHWAY CENTERLINE AND THE APPROACH CENTERLINE.
- RURAL PRIVATE AND COMMERCIAL APPROACHES ARE REFERENCED LEFT OR RIGHT OF THE HIGHWAY CENTERLINE STATION TO THE CENTER OF THE APPROACH OPENING WHICH IS AT THE EDGE OF PAVEMENT OR BACK OF CURB. A PUBLIC APPROACH STATION OCCURS WHERE THE PUBLIC APPROACH CENTERLINE INTERSECTS THE HIGHWAY CENTERLINE.
- NOT TO SCALE.



SUB-NOTES

- * a (SEE NOTE NO. 2)
- * b SEE NOTE NO. 1 & APPROACH PROFILE DETAIL
- * c SEE STANDARD APPROACH WIDTH TABLE
- * d T1 = 20' MINIMUM, T2 = 30' MINIMUM
- * e (SEE NOTE NO. 4)
- * f (SEE NOTE NO. 5)
- * g (SEE NOTE NO. 6)
- * h THE APPROACH Δ IS TO FALL WITHIN THE ALLOWABLE OR DESIRABLE LIMITS. THE DESIRABLE LIMIT IS CONSIDERED THE "SAFEST OPTION."

REVISIONS

NO.	DATE	BY	NO.	DATE	BY
1	01-00	MSM	6	12-05	MSM
2	01-02	MSM	7	06-07	MSM
3	07-02	MSM			
4	10-02	MSM			
5	08-04	MSM			

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 405-1_0607.dgn

DRAWING DATE: SEPTEMBER, 1993

IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

ORIGINAL SIGNED BY: STEVEN HUTCHINSON
CHIEF ENGINEER

STANDARD DRAWING

RURAL APPROACHES

English

STANDARD DRAWING NO. 405-1

SHEET 1 OF 1

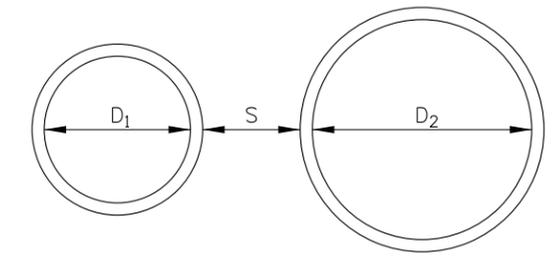
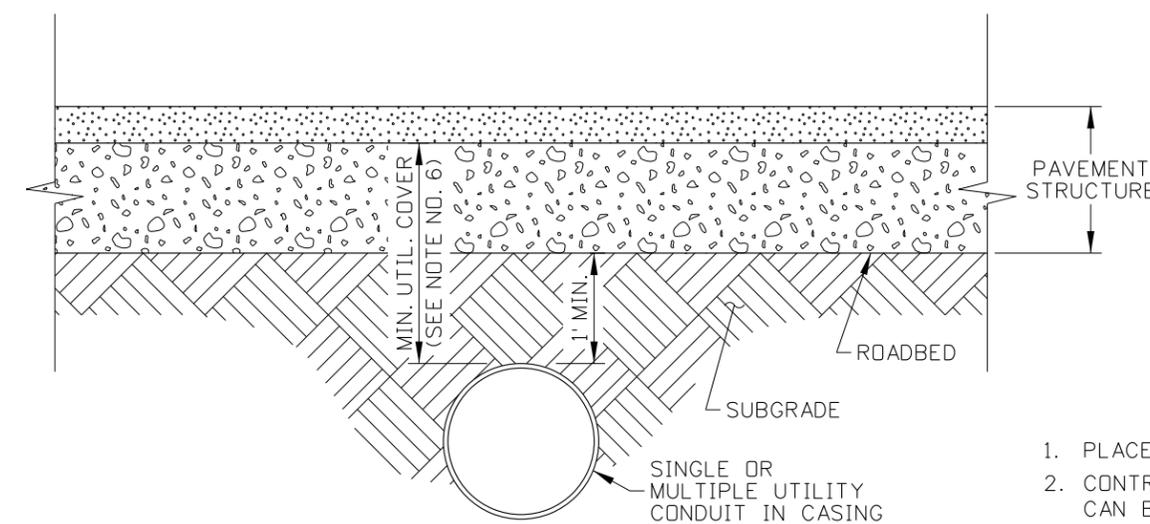
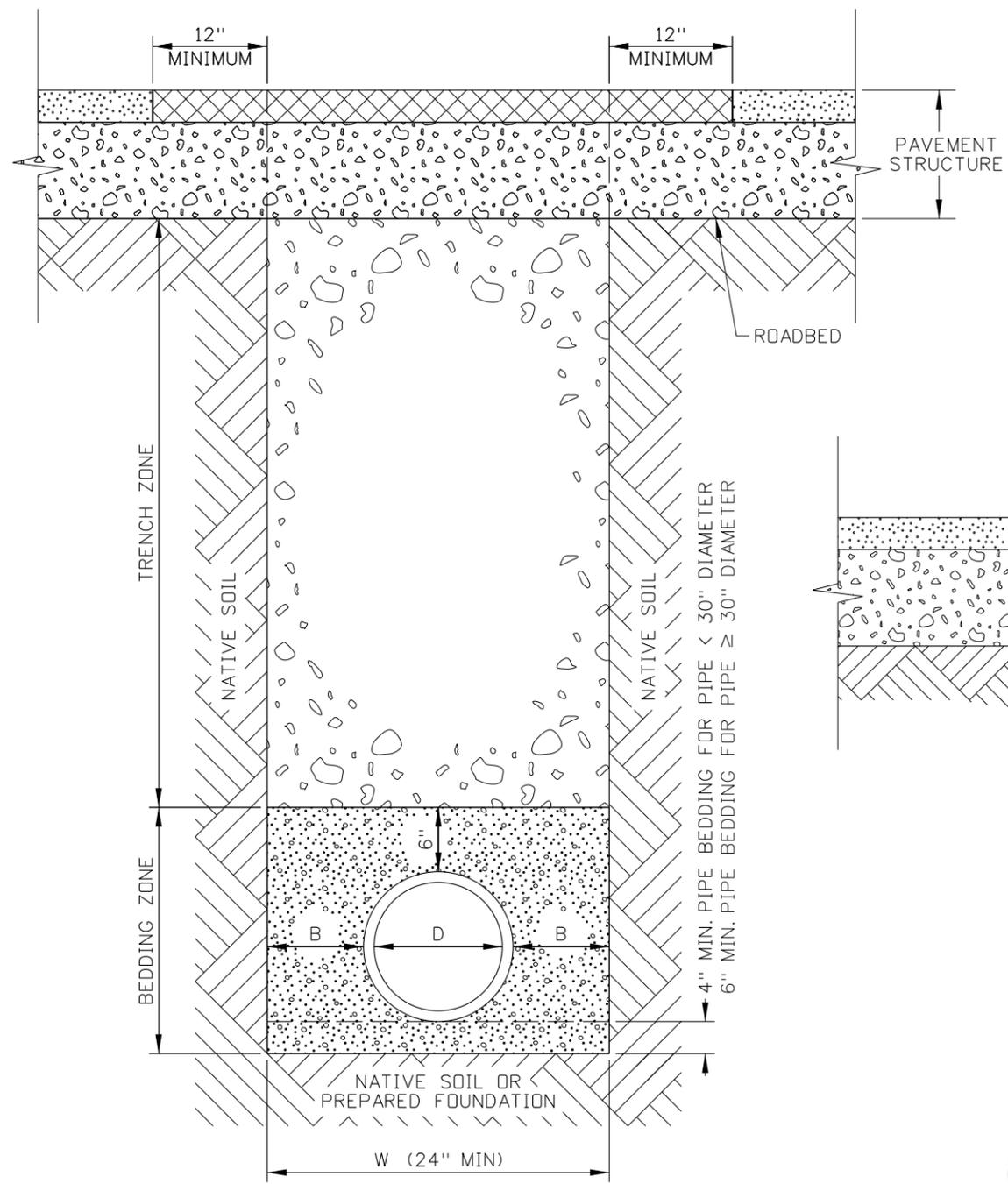
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

PROFESSIONAL ENGINEER * LAND SURVEYOR

MILFORD MILLER

2240

JUN 19, 2007



MULTIPLE PIPE INSTALLATION DETAIL
(SEE NOTE NO. 4)

MATERIALS AND COMPACTION TABLE				
PIPE LOCATION	BEDDING ZONE		TRENCH ZONE	
	MATERIAL REQUIREMENT	COMPACTION REQUIREMENT	MATERIAL REQUIREMENT	COMPACTION REQUIREMENT
INSIDE ROADWAY PRISM	COARSE AGGREGATE FOR CONCRETE SIZE NO. 1, NO. 2A, OR NO. 2B (SUBSECTION 703.02)	ENGINEER ACCEPTANCE	3/4" AGGREGATE FOR BASE (SUBSECTION 703.04) (SEE NOTE NO. 1)	CLASS A COMPACTION (SECTION 205) OR 95% OF IT-74
OUTSIDE ROADWAY PRISM	COARSE AGGREGATE FOR CONCRETE SIZE NO. 1, NO. 2A, OR NO. 2B (SUBSECTION 703.02)	ENGINEER ACCEPTANCE	GRANULAR BORROW OR NATIVE MATERIALS WITH MAXIMUM SIZE OF 6" AND FREE FROM WOOD WASTE OR DELETERIOUS MATERIALS. (SEE NOTE NO. 1)	CLASS D COMPACTION (SECTION 205)

MINIMUM DIMENSION TABLE (SEE NOTE NOS. 3 AND 4)		
D (INCHES)	B (INCHES)	S (INCHES)
≤ 6	10	24
7 TO 15	12	24
16 TO 30	18	24
> 30	24	GREATER OF 24 OR D/2

NOTES

1. PLACE MATERIAL IN ACCORDANCE WITH SECTION 210.
2. CONTROLLED DENSITY FILL (CDF) IN ACCORDANCE WITH SECTION 522 CAN BE USED IF APPROVED BY THE ENGINEER.
3. LOOSE LIFT THICKNESS DIRECTLY ON TOP OF PIPE MAY BE INCREASED WITH APPROVAL TO PREVENT DAMAGE TO PIPE DURING COMPACTION.
4. WHEN TWO DIFFERENT DIAMETER PIPES ARE INSTALLED, USE THE LARGER D DIMENSION TO DETERMINE THE S DIMENSION.
5. WHEN THE PIPE DIAMETER IS 36 INCHES OR GREATER AND THE PIPE IS INSTALLED DURING EMBANKMENT CONSTRUCTION, USE B DIMENSION EQUAL TO THE PIPE DIAMETER.
6. PROVIDE THE FOLLOWING MINIMUM COVER DEPTHS:
 WATER: 4'
 LIQUID OR GAS PETROLEUM: 4'
 ELECTRICAL MAIN LINE: 4'
 COMMUNICATIONS OR ELECTRONICS: 2'
 UTILITY OWNERS AND LOCAL PUBLIC AGENCIES MAY HAVE DIFFERENT MINIMUM COVER DEPTHS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE REQUIRED COVER DEPTHS.
7. PERFORM TRENCHING PER OSHA REQUIREMENTS.
8. DO NOT DISTURB THE INSTALLED PIPE OR CONDUIT, OR LEAVE VOIDS WHEN USING TRENCH BOXES OR SHIELDS.
9. DRAWINGS NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	12-15	RDL	6	03-21	TWF			
2	03-16	RDL						
3	06-17	RDL						
4	06-18	HEB						
5	11-18	TWF						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 601-1_0421.dgn
 DRAWING DATE: MAY 2014

IDAHO TRANSPORTATION DEPARTMENT



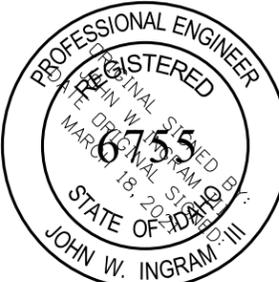
BOISE IDAHO

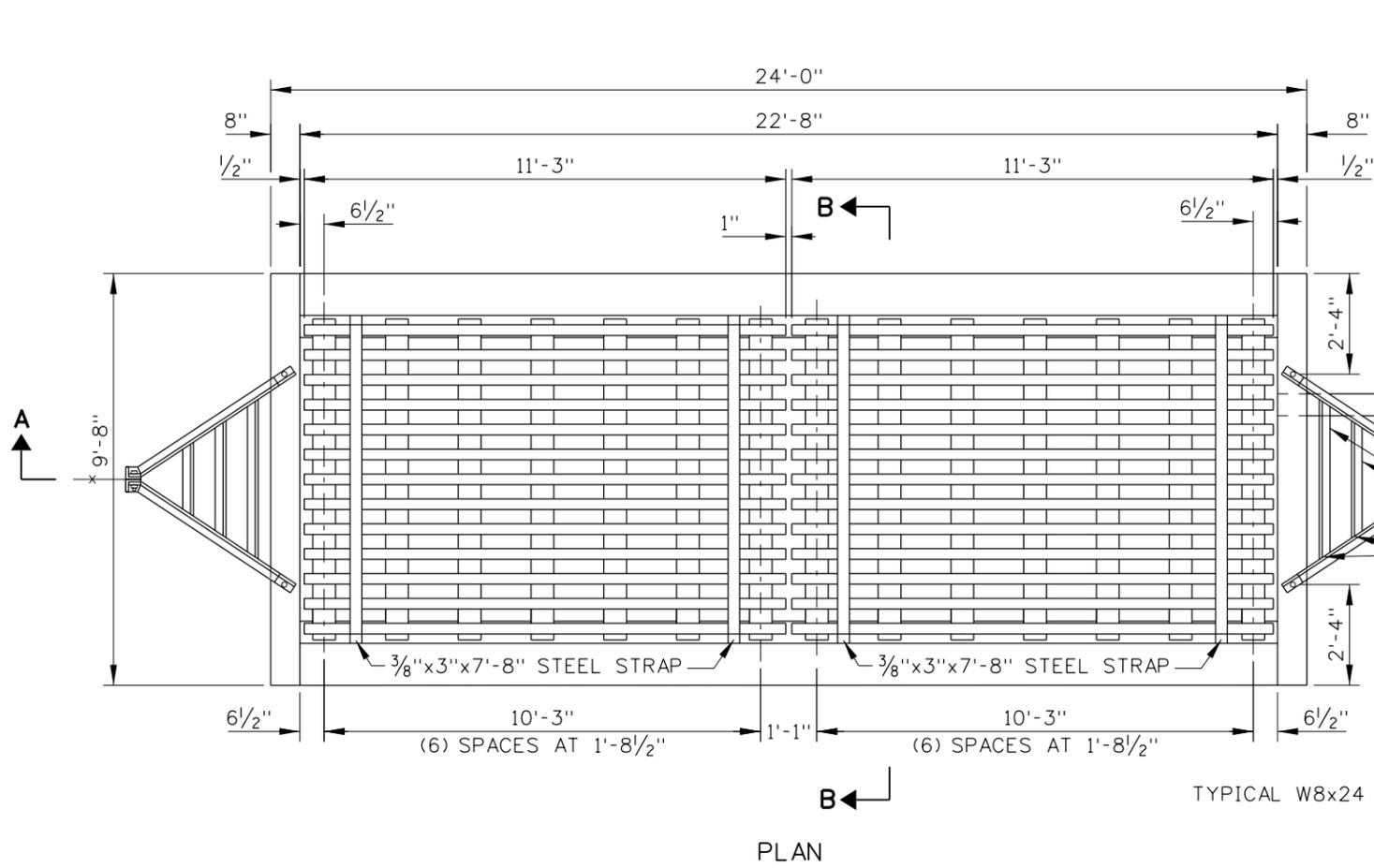
ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
PIPE AND CONDUIT INSTALLATION

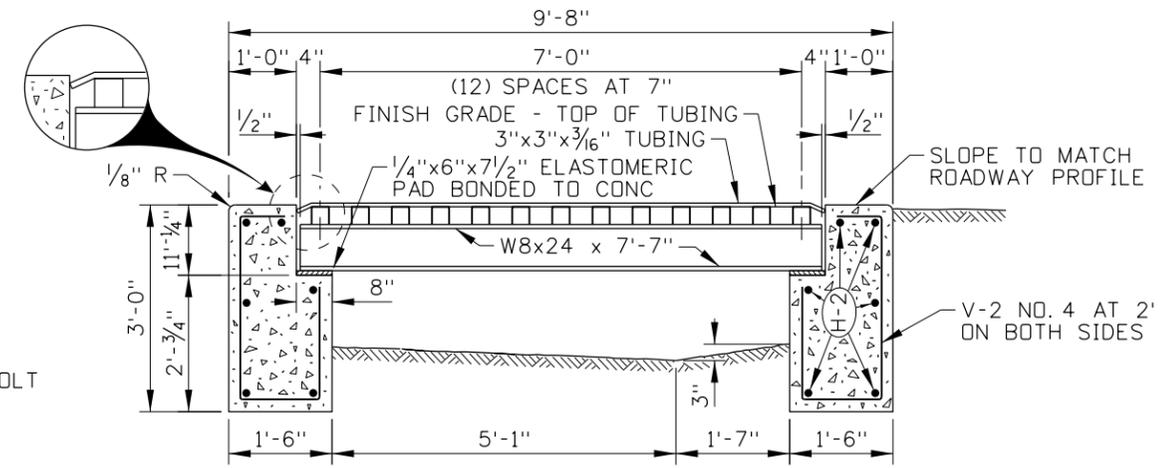
English
 STANDARD DRAWING NO.
601-1
 SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho





PLAN



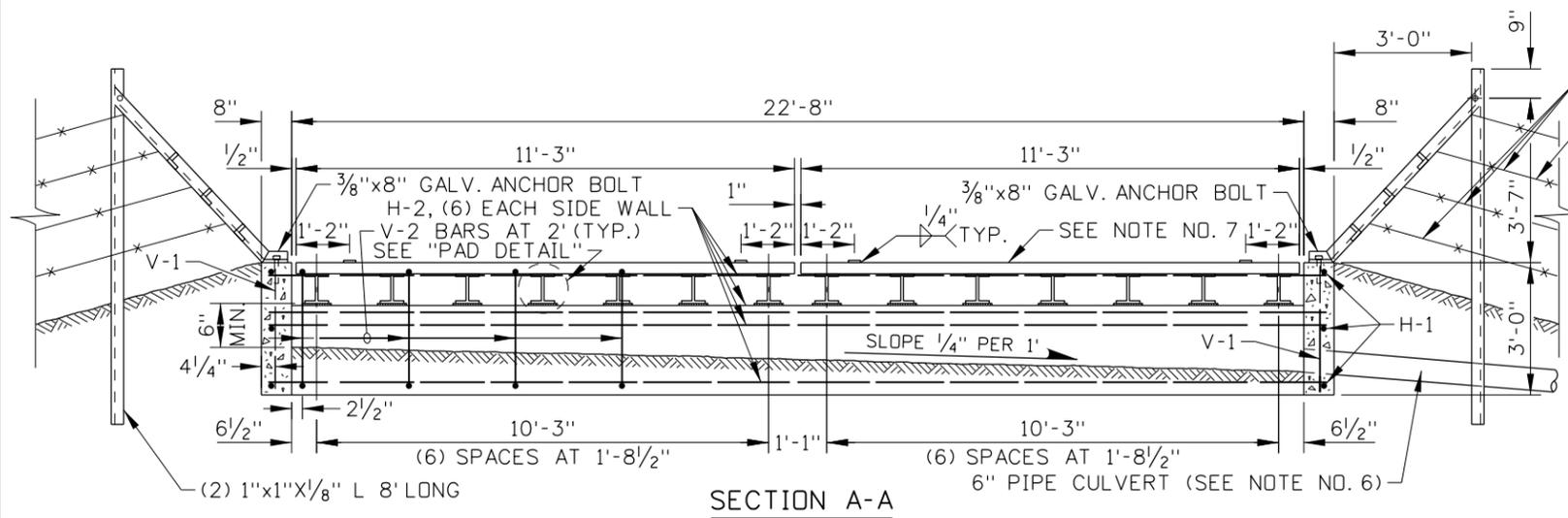
SECTION B-B

REINFORCEMENT STEEL				
MARK	LOCATION	SIZE NO.	BAR LENGTH	NO. REQ'D
V-1	END WALLS	4	2'-8"	18
V-2	SIDE WALLS	4	6'-0"	11
H-1	END WALLS	4	9'-4"	6
H-2	SIDE WALLS (TIE BARS)	4	23'-8"	12
454 LIN. FT. NO. 4 BARS @ 0.668 LB./FT. = 304 LB.				

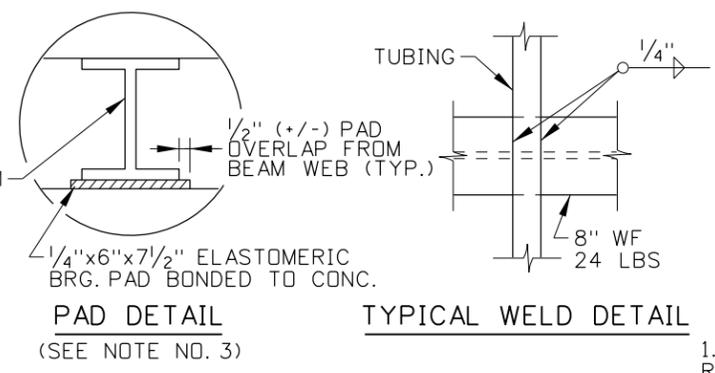
BILL OF MATERIALS	
CONCRETE, CLASS 30	8.2 C.Y.
METAL REINFORCEMENT	304 LBS
STRUCTURAL STEEL	4600 LBS

NOTES

1. ENSURE THAT CATTLE GUARD MEETS THE REQUIREMENTS OF SECTION 611 - CATTLE GUARDS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. ENSURE THAT THE EXPOSED STEEL SURFACES ARE BLASTED CLEAN TO AN SSPC SP-10 AND PAINTED WITH PAINT SYSTEM D IN ACCORDANCE WITH SECTION 627 - PAINTING OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. ENSURE THAT THE CATTLE GUARD AND SUPPORTS ARE DESIGNED FOR HS-25 LOADING. ENSURE THAT THE ELASTOMERIC BEARING PADS ARE 50 DUROMETER IN HARDNESS.
4. PLACE THE CATTLE GUARD ON BASE AGGREGATE, 3" MINIMUM THICKNESS OVER HAND LEVELED SOIL COMPACTED TO 95% DENSITY.
5. GALVANIZE CATTLE GUARD HARDWARE FASTENERS.
6. GRADE TO DRAIN.
7. PLACE THE CATTLE GUARD TO MATCH THE ROADWAY SLOPE, CROWN, OR BOTH.
8. ALTERNATE CATTLE GUARD DESIGNS MAY BE USED. PRIOR APPROVAL, BY THE ENGINEER, OF SHOP DRAWINGS IS REQUIRED FOR THE USE OF ALTERNATE CATTLE GUARDS.
9. NOT TO SCALE.



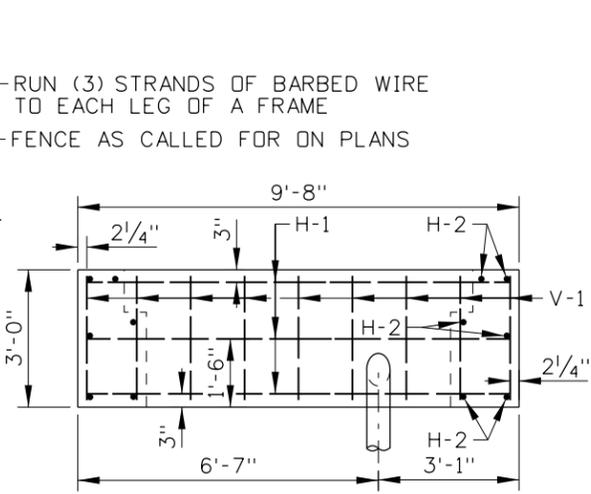
SECTION A-A



PAD DETAIL

TYPICAL WELD DETAIL

(SEE NOTE NO. 3)



END VIEW

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	12-72		6	5-95	IJR	11	12-12
2	12-73		7	1-00	MSM		
3	2-74		8	9-02	MSM		
4	3-81		9	10-05	MSM		
5	6-81		10	08-11	RSC		

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 CADD FILE NAME: 611-1_1212.dgn
 DRAWING DATE: JANUARY, 1971

IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
 HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
 CHIEF ENGINEER

STANDARD DRAWING

CATTLE GUARD TYPE A

English

STANDARD DRAWING NO. 611-1

SHEET 1 OF 1

PROFESSIONAL ENGINEER

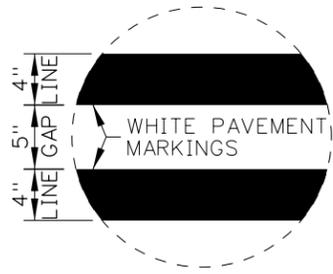
RYAN D. LANCASTER

13683

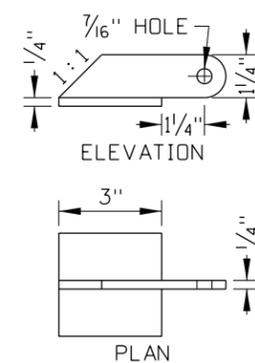
STATE OF IDAHO

DECEMBER 17, 2010

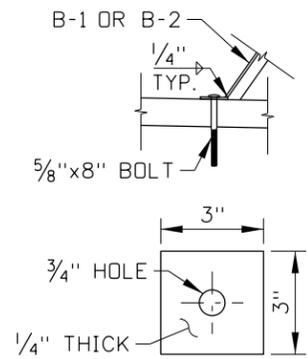
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho



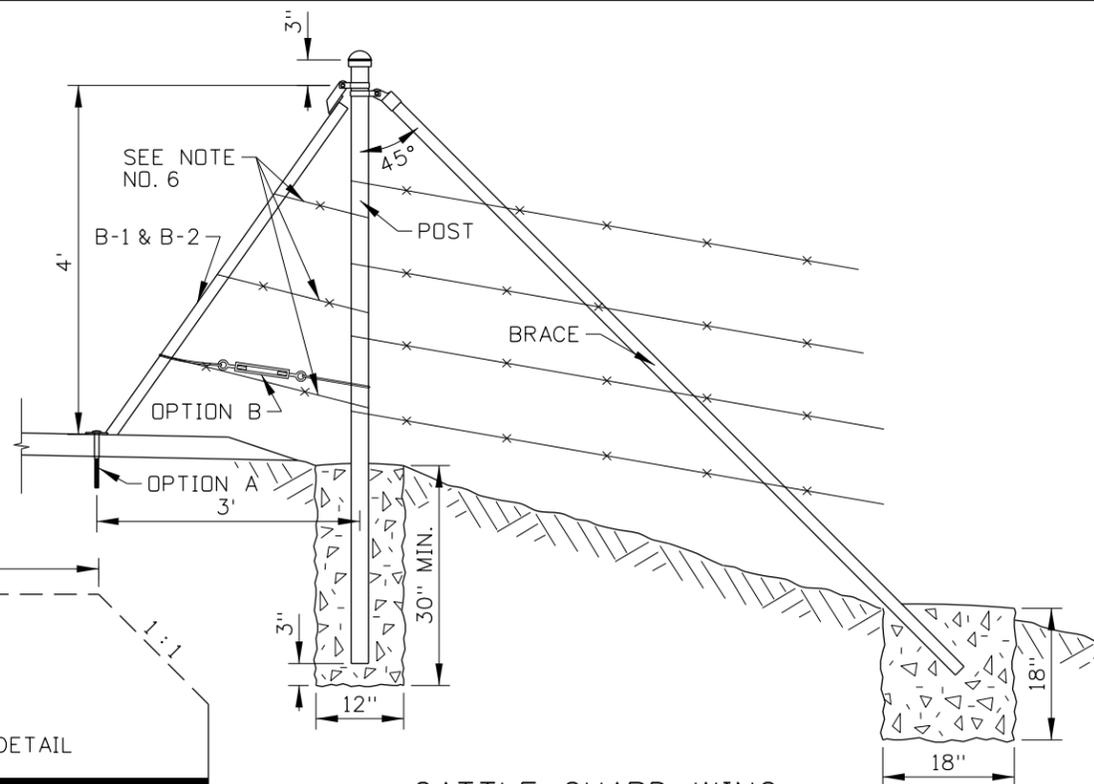
MARKINGS DETAIL



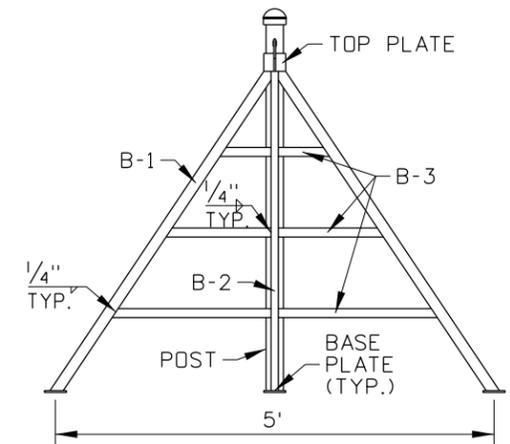
WING TOP PLATE DETAIL



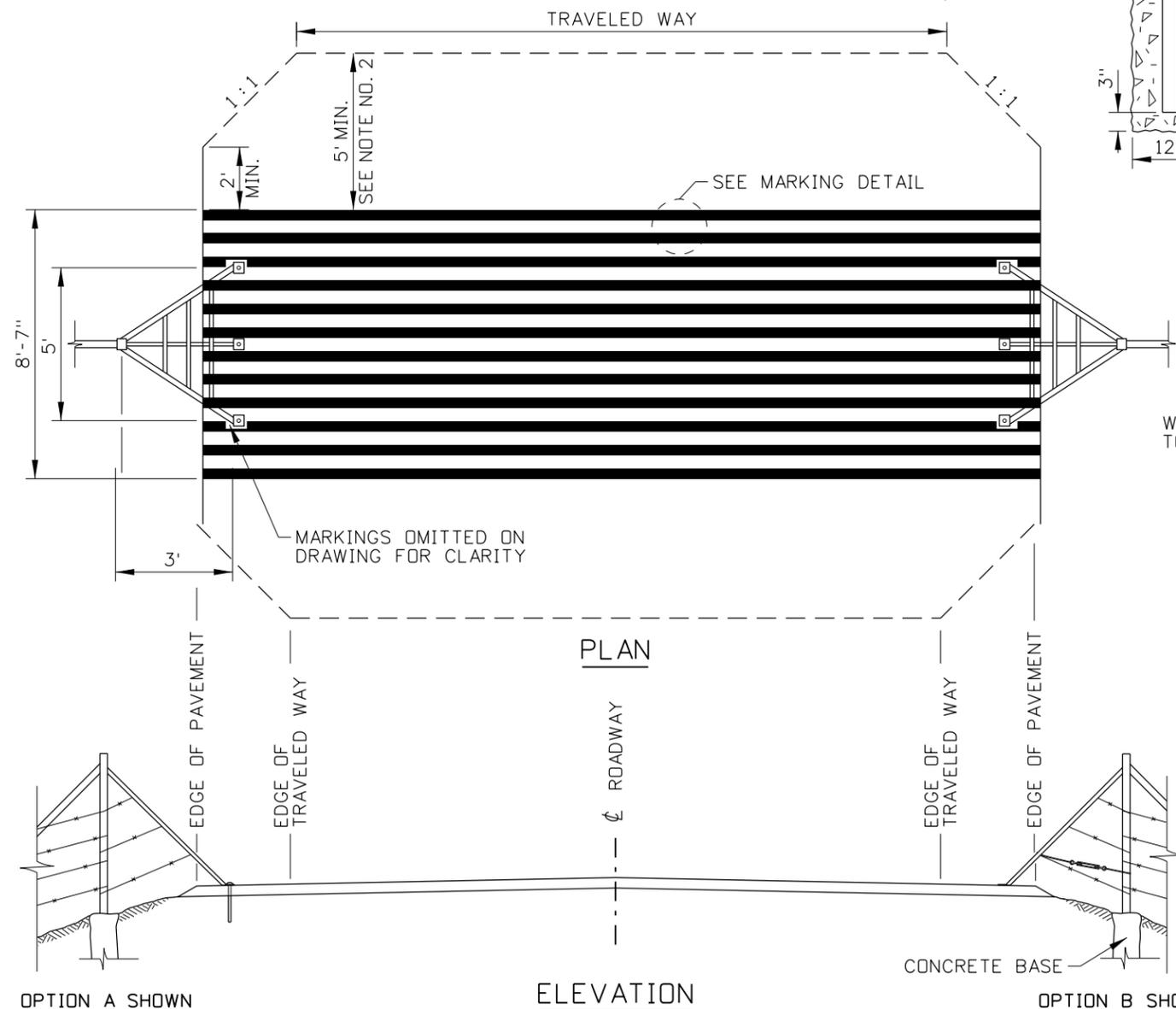
WING BASE PLATE DETAIL



CATTLE GUARD WING



CATTLE GUARD WING ELEVATION



OPTION A SHOWN

ELEVATION

OPTION B SHOWN

MATERIALS TABLE		
COMPONENT	QUANTITY	SIZE
POST	2	2 3/8" DIA. x 8'-0"
BRACE	2	1 5/8" DIA. x 10'-0"
B-1: WING SIDE LEGS	4	1/2" x 1 1/2" x 1/4" x 68" ANGLE
B-2: WING CENTER LEG	2	1" x 1/4" x 60" FLAT
B-3: WING CROSS BARS	2	1 1/2" x 1 1/2" x 1/4" ANGLE 16", 31", & 46" LENGTHS
WING BASE PLATE	6	3" x 3" x 1/4"
WING TOP PLATE	2	SEE DETAIL
BRACE BAND	4	2 3/8" DIA.
POST CAP	2	2 3/8" DIA.
BRACE END CAP	2	1 5/8" DIA.
NUTS & BOLTS	4	5/16" x 1/4" BOLT AND NUT
BASE BOLTS (OPTION A)	6	5/8" x 8"
TURNBUCKLE (OPTION B)	2	3/8"

NOTES

- IF THE CATTLE GUARD IS CONSTRUCTED ON A PAVED ROAD WITH PAVEMENT MARKINGS, TERMINATE OR OBLITERATE THE LONGITUDINAL PAVEMENT MARKINGS 25 FEET FROM THE CATTLE GUARD MARKINGS.
- IF THE CATTLE GUARD IS CONSTRUCTED ON AN UNPAVED ROAD, PAVE THE CATTLE GUARD AREA AND EXTEND PAVEMENT A MINIMUM OF FIVE FEET BEYOND WHERE THE CATTLE GUARD IS TO BE MARKED.
- MARK THE CATTLE GUARD PRIOR TO ATTACHING THE CATTLE GUARD WINGS. USE WHITE WATERBORNE PAINT OR THERMOPLASTIC PAVEMENT MARKINGS. MARK A MINIMUM OF EIGHT LINES.
- SECURE THE CATTLE GUARD WINGS TO PAVEMENT WITH ONE OF THE FOLLOWING OPTIONS:
 OPTION A:
 INSERT 5/8" x 8" BOLTS INTO PRE-DRILLED HOLES IN THE PAVEMENT. ENSURE THAT THE BOLT HEAD IS FLUSH WITH THE BASE PLATE.
 OPTION B:
 PLACE A 3/8" TURNBUCKLE FASTENED WITH 10 GAUGE OR THICKER WIRE BETWEEN THE WING CENTER MEMBER (B-2) AND THE BRACE POST. TIGHTEN TURNBUCKLE TO PRESS WING FEET TO ROADWAY PAVEMENT.
- PAINT THE CATTLE GUARD WINGS YELLOW WITH ITD PAINT SYSTEM C.
- TIE A MINIMUM OF THREE BARBED WIRES FROM THE POST TO THE INTERSECTIONS OF THE WING B-1 AND B-3 ANGLE BARS.
- DRAWINGS NOT TO SCALE.

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	08-04	MSM	6	06-18	HEB		
2	10-05	MSM					
3	12-12	RDL					
4	12-15	RDL					
5	05-16	RDL					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
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 DRAWING DATE: JANUARY, 2004

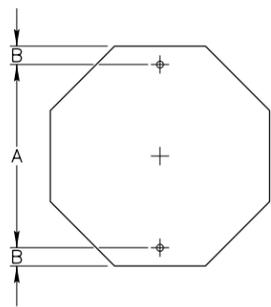
IDAHO TRANSPORTATION DEPARTMENT
 BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

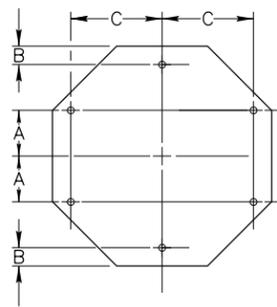
STANDARD DRAWING
CATTLE GUARD PAVEMENT MARKINGS

English
 STANDARD DRAWING NO.
611-2
 SHEET 1 OF 1

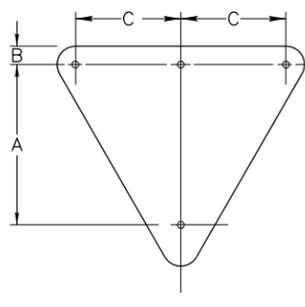
PROFESSIONAL ENGINEER
 LICENSED
 13683
 RYAN D. LANCASTER
 STATE OF IDAHO



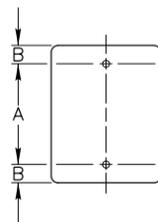
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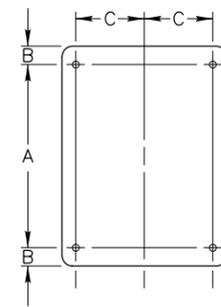
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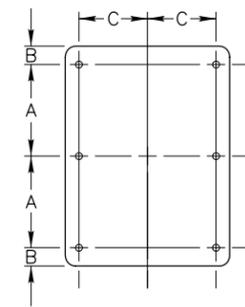
SIGN SIZE	A	B	C
30"X30"	18"	3"	—
36"X36"	23"	3"	—
48"X48"	25"	3"	17"
60"X60"	35"	4"	23"



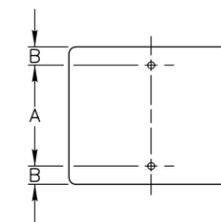
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6"X18"	15"	1 1/2"
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12"X30"	24"	3"
12"X36"	32"	2"
18"X24"	18"	3"
24"X30"	24"	3"
24"X36"	30"	3"
30"X36"	30"	3"



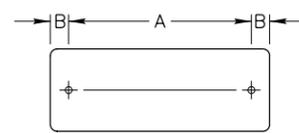
SIGN SIZE	A	B	C
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36"X48"	42"	3"	15"
48"X30"	24"	3"	15"
48"X36"	30"	3"	15"
60"X36"	30"	3"	21"



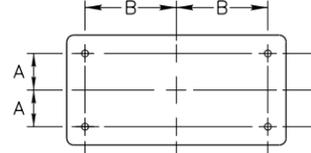
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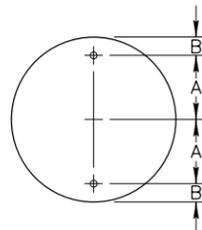
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21"X15"	12"	1 1/2"
24"X6"	3"	1 1/2"
24"X10"	7"	1 1/2"
24"X12"	9"	1 1/2"
24"X18"	15"	1 1/2"
24"X24"	18"	3"
30"X18"	12"	3"
30"X24"	18"	3"
30"X30"	24"	3"
36"X24"	18"	3"
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42"X30"	24"	3"
42"X36"	30"	3"



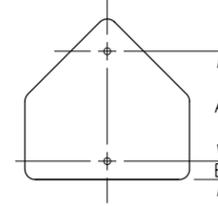
SIGN SIZE	A	B
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36"X12"	30"	3"
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48"X18"	42"	3"
54"X18"	48"	3"



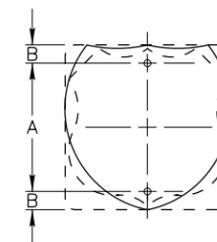
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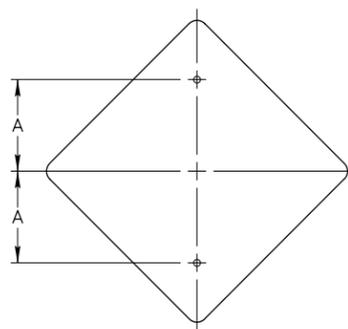
SIGN SIZE	A	B
36"	15"	3"
48"	21"	3"



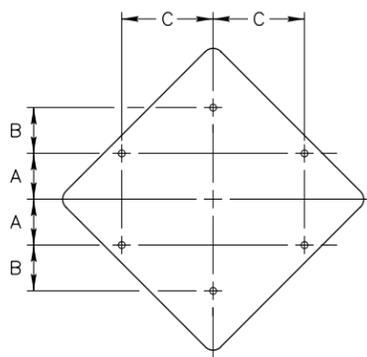
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36"X36"	24"	3"



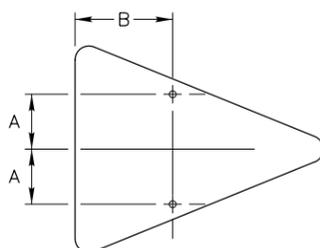
SIGN SIZE	A	B
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30"X24"	18"	3"



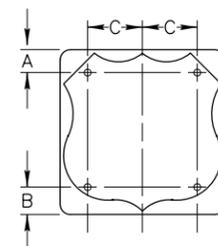
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30"X30"	15"



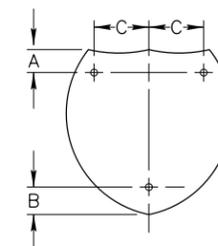
SIGN SIZE	A	B	C
36"X36"	8"	10"	12"
48"X48"	10"	—	20"



SIGN SIZE	A	B
36"X48"	9"	16"



SIGN SIZE	A	B	C
36"X36"	5"	6"	12"



SIGN SIZE	A	B	C
36"X36"	5"	6"	12"
45"X36"	5"	6"	16"

NOTES:

- ALL MOUNTING HOLES SHALL BE 3/8" DIAMETER.

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	12-01	NQB						
2	06-07	HEB						
3	07-14	HEB						
4	05-17	HEB						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
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 DRAWING DATE: DECEMBER, 1994

IDAHO TRANSPORTATION DEPARTMENT



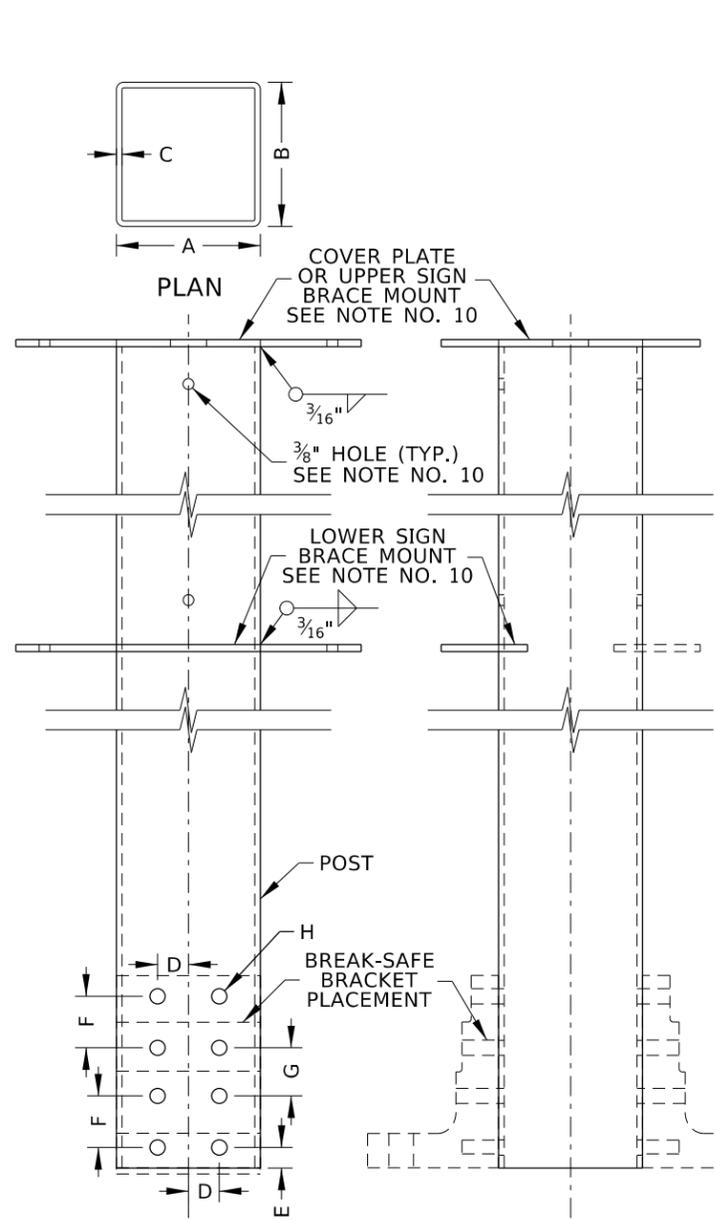
BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

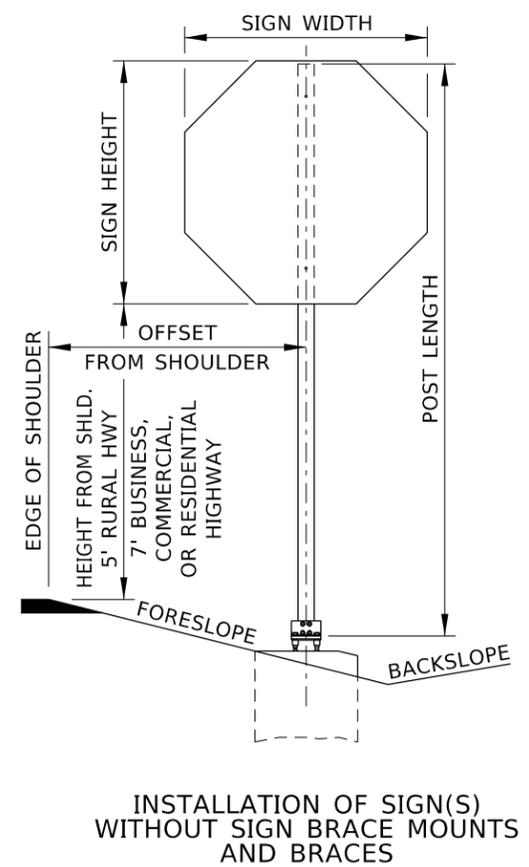
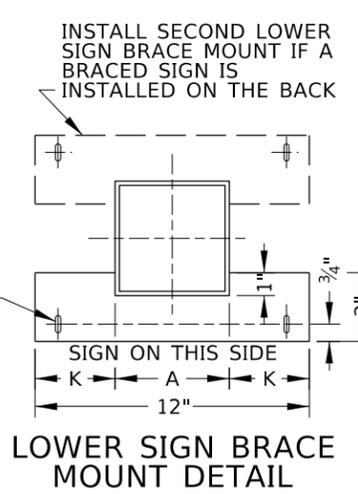
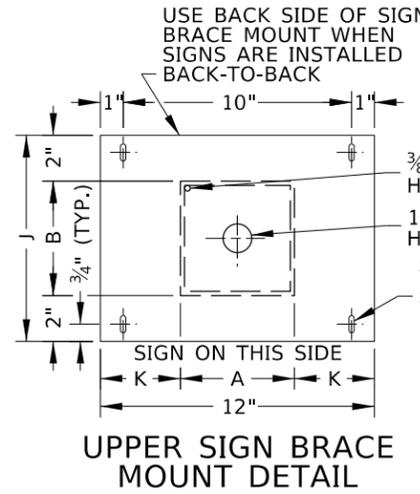
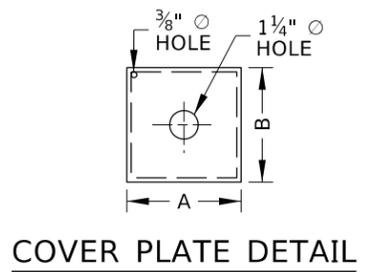
STANDARD DRAWING
PUNCHING SCHEDULE FOR TYPE "B" OR TYPE "E" SIGNS

English
 STANDARD DRAWING NO. **616-1**
 SHEET 1 OF 1

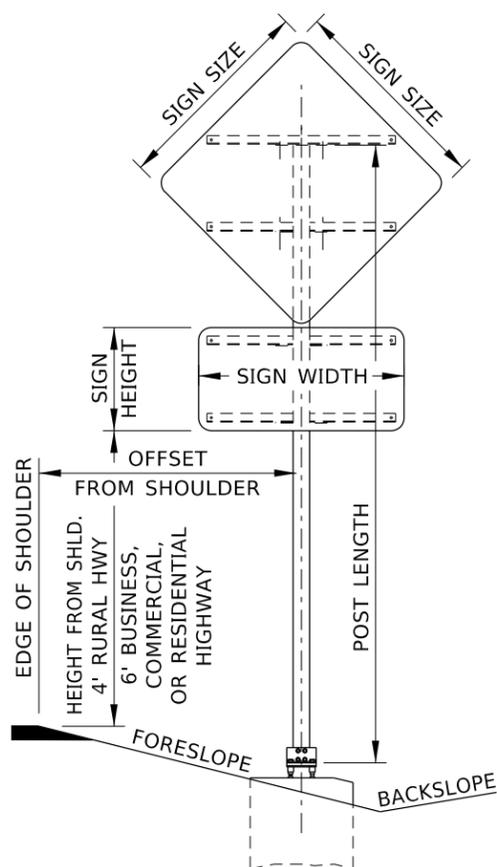
PROFESSIONAL ENGINEER
 LICENSED
 RYAN D. LANCASTER
 STATE OF IDAHO
 13683



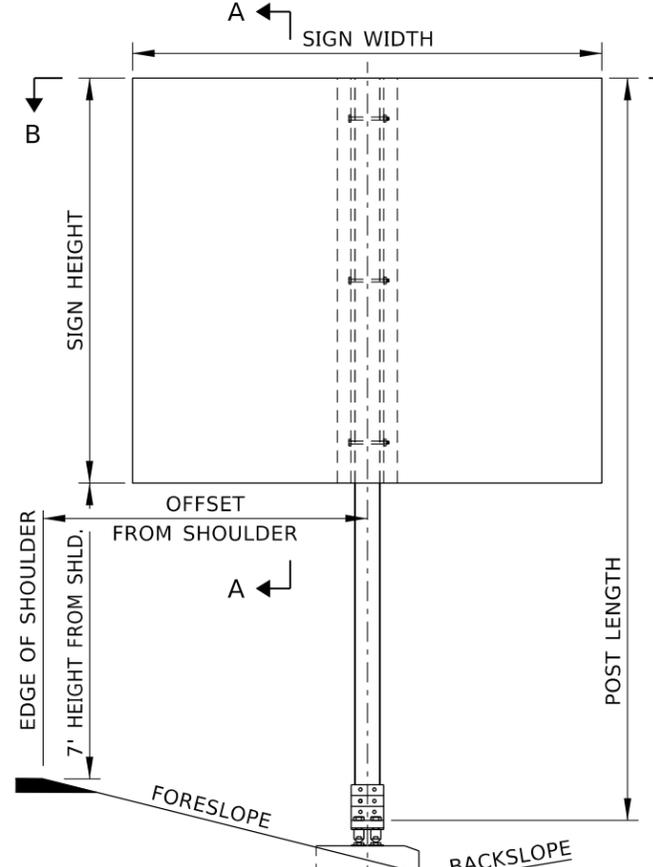
TYPE B - STEEL TUBE POST
SEE NOTE NOS. 10 & 11



INSTALLATION OF SIGN(S) WITHOUT SIGN BRACE MOUNTS AND BRACES

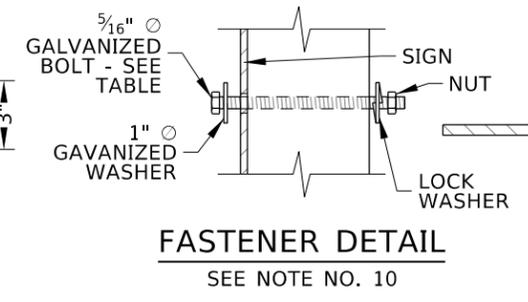


INSTALLATION OF SIGNS WITH SIGN BRACE MOUNTS AND BRACES

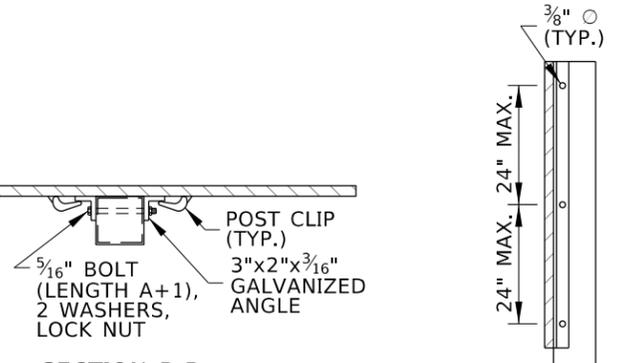


INSTALLATION OF TYPE C EXTRUDED ALUMINUM SIGN
SEE NOTE NO. 11

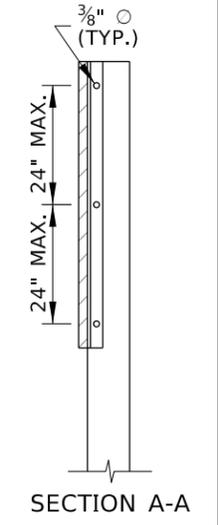
SIGN ASSEMBLY MEASUREMENTS



FASTENER DETAIL
SEE NOTE NO. 10



SECTION B-B



SECTION A-A

SIGN POST, FOUNDATION, AND TEMPLATE TABLE

POST TYPE	STEEL TUBE POST SIZE			POST WEIGHT (LB/FT)	MAXIMUM SIGN LOAD (SFxFT)	BREAK-SAFE ASSEMBLY MODEL	SIGN BRACE MOUNT*					SIZE (DIAxDEPTH) (INxIN)	CONCRETE (CY)	FOUNDATION			REINFORCING STEEL HOOPS			TEMPLATE			FASTENERS SIGN BOLT LENGTH (IN)		
	A (IN)	B (IN)	C (IN)				J (IN)	K (IN)	D (IN)	E (IN)	F (IN)			G (IN)	H (IN)	BAR SIZE	NUMBER OF BARS	LENGTH (FT)	BAR SIZE	NUMBER OF BARS	LENGTH (FT)	L (IN)		M (IN)	N (IN)
B-2	3	4	3/16	8.15	250	AS4	1 1/16	1 7/16	2 1/16	-	9/16	8	4 1/2	24x60	0.6	4	6	26	4	4	21	7 1/16	36	4 1/4	4 1/2
B-3	5	5	3/16	11.96	517	B525	1 1/8	3/4	1 7/8	1 3/4	9/16	9	3 1/2	30x60	0.9	4	6	26	4	4	28	13	40	3	5 1/2
B-4	6	6	3/16	14.51	760	B525	1 1/8	3/4	1 7/8	1 3/4	9/16	10	3	30x60	0.9	4	6	26	4	4	28	14	40	3	6 1/2

* SEE NOTE NO. 10
† SEE NOTE NO. 11

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	02-23	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 616-6_0423.dgn
DRAWING DATE: DECEMBER, 2016

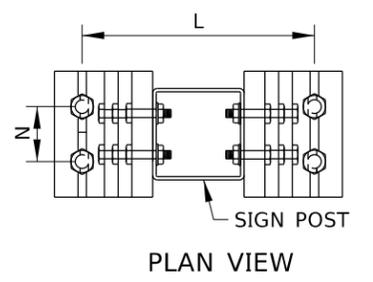
IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety → YOUR Mobility → YOUR Economic Opportunity
BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

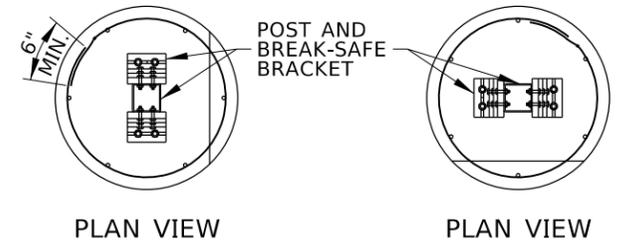
STANDARD DRAWING
STEEL SIGN POST AND FOUNDATION
TYPE B - STEEL TUBE POST

ENGLISH
STANDARD DRAWING NO. 616-6
SHEET 1 OF 2

PROFESSIONAL ENGINEER
RYAN D. LANCASTER
STATE OF IDAHO
MAINT 8, 2014

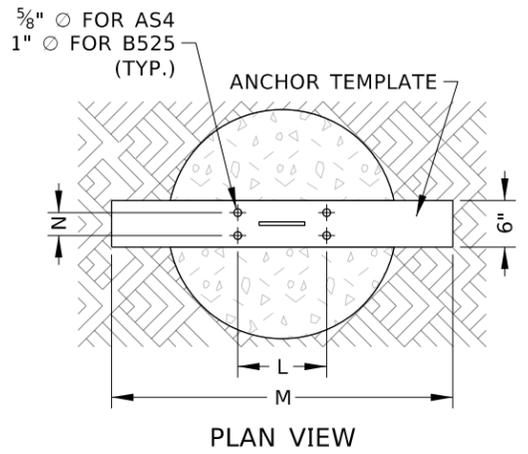


PLAN VIEW

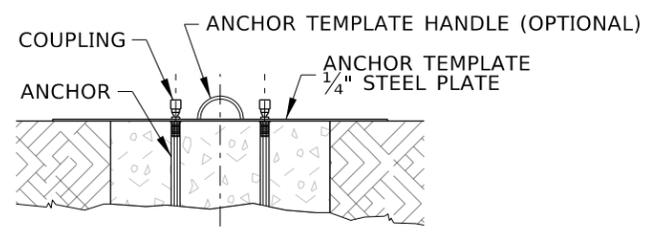


PLAN VIEW

BREAK-SAFE BRACKET DETAIL



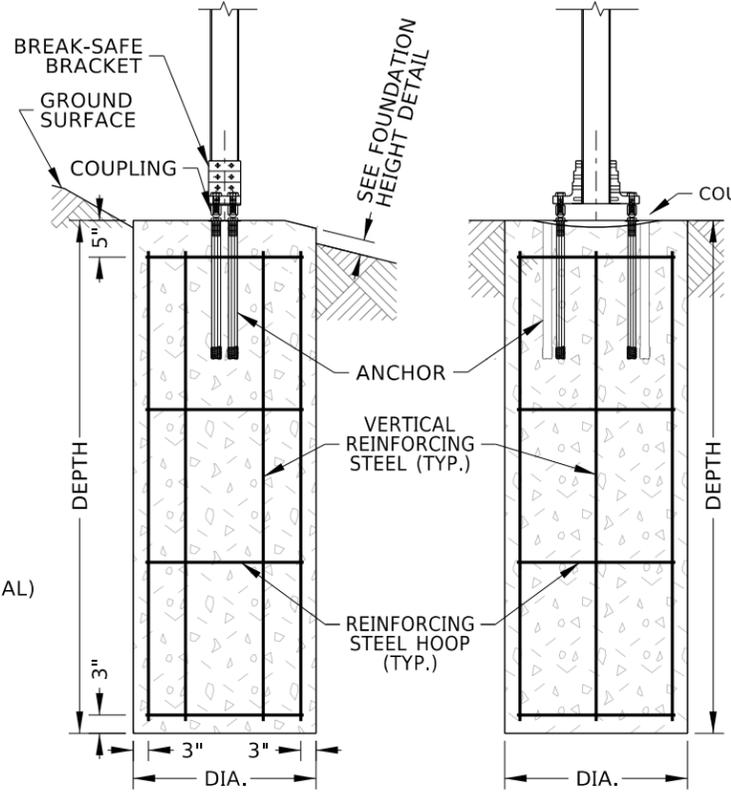
PLAN VIEW



ELEVATION

TEMPLATE DETAIL

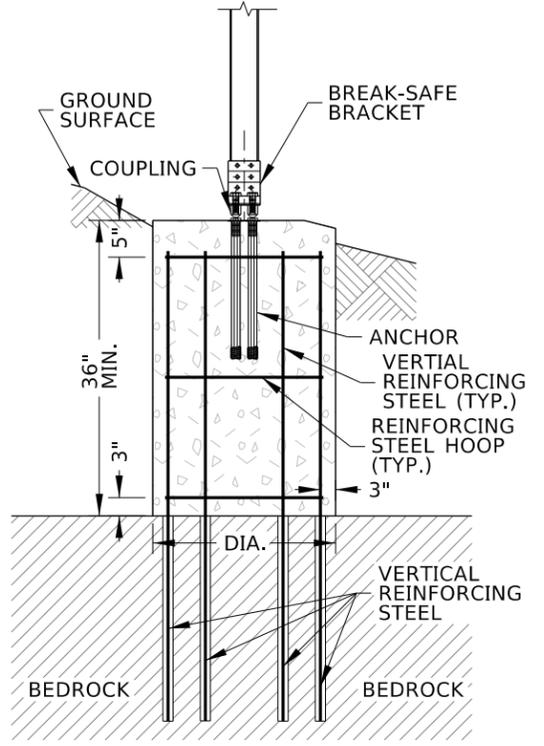
SEE NOTE NO. 3



ELEVATION FRONT VIEW
ELEVATION SIDE VIEW

FOUNDATION

SEE NOTE NOS. 8 & 9



ELEVATION FRONT VIEW

ALTERNATE FOUNDATION

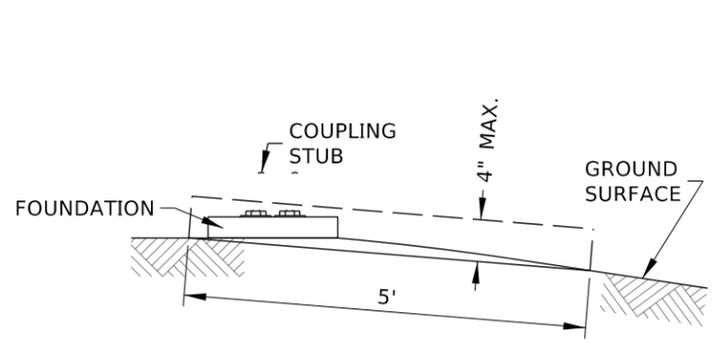
SEE NOTE NO. 9

ALTERNATE FOUNDATION TABLE				
SIZE (DIAxDEPTH) (INxIN)	CONCRETE (CY)	REINFORCING STEEL HOOPS*		
		BAR SIZE	NUMBER OF BARS	LENGTH (FT)
24x36	0.35	4	4	16
30x36	0.55	4	4	21
36x36	0.80	4	4	25

* SEE SIGN POST, FOUNDATION, AND TEMPLATE TABLE FOR VERTICAL REINFORCING STEEL.

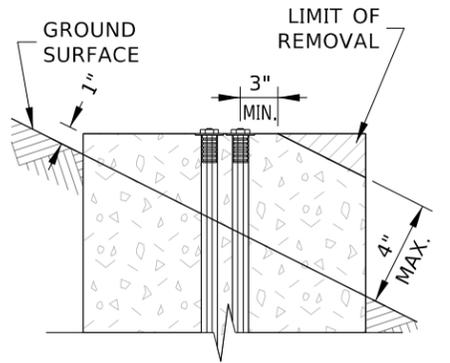
NOTES

- USE TYPE B - STEEL TUBE POSTS - WITH TYPE B - SHEET ALUMINUM, TYPE C - EXTRUDED ALUMINUM PANEL, AND TYPE E - HDO PLYWOOD SIGNS.
- SEE THE TRAFFIC MANUAL TO CALCULATE SIGN LOAD PER POST.
- USE BREAK-SAFE BREAKAWAY SUPPORT SYSTEM WITH TYPE B - STEEL TUBE POSTS. FOLLOW THE MANUFACTURERS INSTRUCTIONS. FABRICATE AND USE AN ANCHOR TEMPLATE TO ENSURE ANCHOR PLACEMENT.
- SEE PROJECT SIGN SUMMARY FOR SIGN ASSEMBLY DIMENSIONS.
- INSTALL ONLY ONE TYPE B - STEEL TUBE POST PER SIGN ASSEMBLY.
- ALIGN POST SO DIMENSION B IS PARALLEL TO THE TRAFFIC DIRECTION.
- STEEL TUBE POSTS (WITH THE BREAK-SAFE BREAKAWAY SUPPORT SYSTEM SHOWN) DO NOT NEED TO BE SHIELDED BY GUARDRAIL OR BARRIER. WHEN STEEL TUBE POSTS ARE INSTALLED BEHIND GUARDRAIL OR BARRIER, ENSURE THE POSTS ARE OUTSIDE OF THE GUARDRAIL OR BARRIER WORKING WIDTH.
- CAST FOUNDATION IN NATIVE SOILS IN AN AUGERED HOLE. IF AN AUGURED HOLE IS IMPRACTICAL, CAST THE FOUNDATION IN A CORRUGATED METAL PIPE FORM AND BACKFILLED IN ACCORDANCE WITH SECTION 210.
- IF SOLID BEDROCK IS ENCOUNTERED WITHIN THE FOUNDATION DEPTH, USE THE ALTERNATE FOUNDATION. QUANTITIES SHOWN FOR THE ALTERNATE FOUNDATION ASSUME 36" DEPTH TO BEDROCK. SOCKET VERTICAL REINFORCING STEEL FOR THE DEPTH SHOWN IN THE FOUNDATION MATERIAL QUANTITIES. DRILL 2 INCH MINIMUM DIAMETER HOLES. FILL DRILLED HOLES WITH GROUT, TYPE B, CLASS 1. NOTIFY THE ENGINEER IF THE DEPTH TO SOLID BEDROCK IS LESS THAN 36". IF LESS THAN 36", REDESIGN OF THE FOUNDATION MAY BE REQUIRED.
- TYPE B - SHEET ALUMINUM - OR TYPE E - HDO PLYWOOD - SIGNS ARE INSTALLED DIRECTLY TO THE POST OR WITH BRACES OR BRACKETS DEPENDENT ON SIGN SIZE AND APPLICATION.
 - IF SIGNS ARE INSTALLED DIRECTLY TO THE POST, WELD A COVER PLATE ON TOP OF THE POST AND DRILL 3/8" HOLES INTO POST TO INSTALL SIGN FASTENERS.
 - IF SIGNS ARE INSTALLED WITH BRACES, WELD SIGN BRACE MOUNTS AND FASTEN THE BRACES TO THE SIGN BRACE MOUNTS.
- FOR TYPE C - EXTRUDED ALUMINUM SIGNS, WELD A COVER PLATE ON TOP OF THE POST AND AFFIX GALVANIZED ANGLE TO POST AND CLIP SIGN TO ANGLE.
- SIGNS CAN BE MOUNTED BACK-TO-BACK IF THE SHAPE OF STOP, YIELD, OR WARNING SIGNS ARE NOT SHIELDED.
- INSTALL SIGNS AT THE FOLLOWING HEIGHTS:
 - IF INSTALLED IN A RURAL AREA, 5 FEET ABOVE THE PAVEMENT ELEVATION OR 4 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN.
 - IF INSTALLED IN THE VICINITY OF A CURB OR IN A BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA WHERE PARKING OR PEDESTRIAN MOVEMENTS ARE LIKELY, 7 FEET ABOVE THE PAVEMENT ELEVATION OR 6 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN. IF INSTALLED LOWER THAN 7 FEET, ENSURE SIGNS DO NOT PROJECT MORE THAN 4 INCHES INTO THE PEDESTRIAN FACILITY.
- WHEN THE SIGN IS INSTALLED ON A BACKSLOPE, ENSURE THE SIGN POST IS AT LEAST 5' HIGHER THAN THE GROUND SURFACE.
- ENSURE NO PART OF THE FOUNDATION OR STUB OF BREAKAWAY SYSTEM PROJECT MORE THAN 4 IN. ABOVE ANY 5 FT. CHORD ALIGNED PERPENDICULARLY TO THE EDGE OF THE HIGHWAY BETWEEN A POINT ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE OF THE SUPPORT.
- DRAWING NOT TO SCALE.



BREAK-SAFE COUPLING STUB HEIGHT DETAIL

SEE NOTE NO. 15



FOUNDATION HEIGHT DETAIL

SEE NOTE NO. 15

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	02-23	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 616-6_0423.dgn
DRAWING DATE: DECEMBER, 2016

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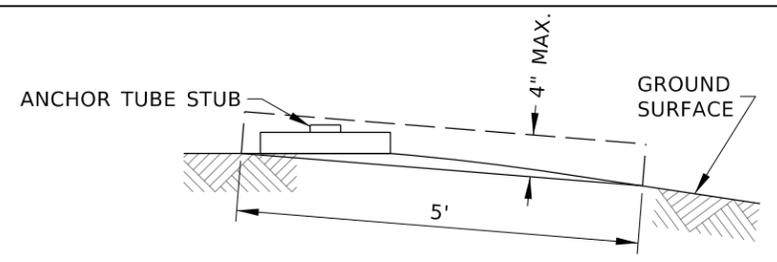
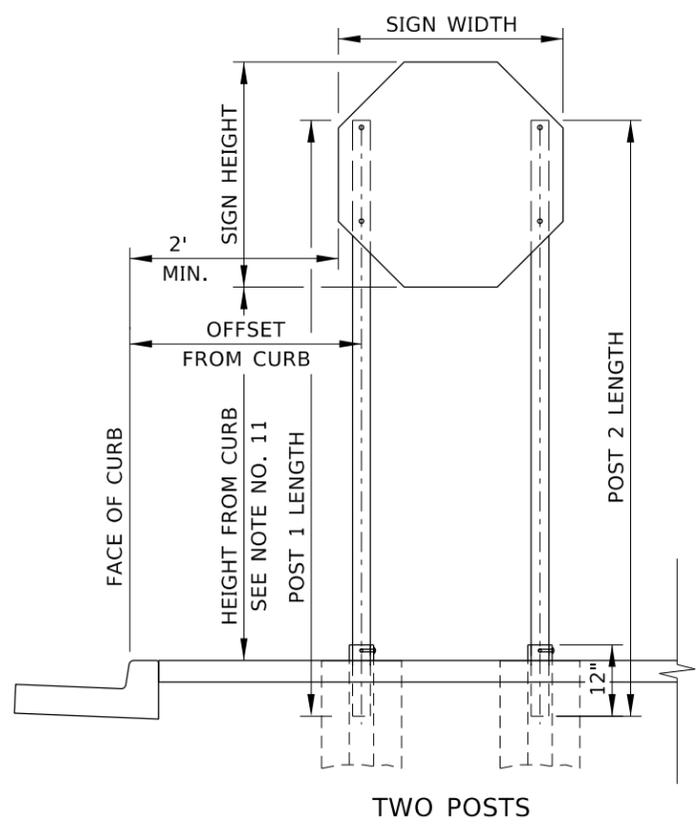
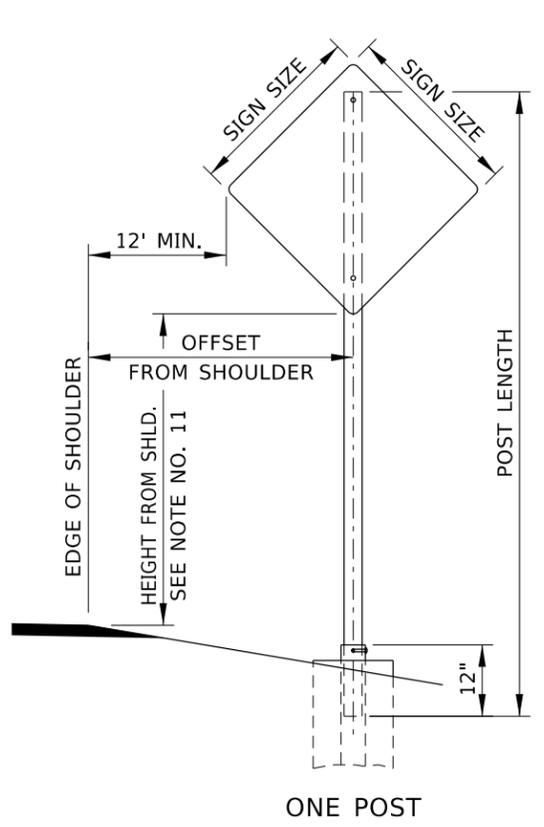
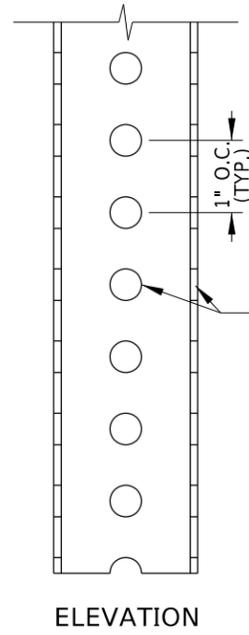
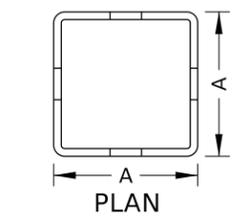
ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

STANDARD DRAWING
STEEL SIGN POST AND FOUNDATION
TYPE B - STEEL TUBE POST

ENGLISH
STANDARD DRAWING NO.
616-6
SHEET 2 OF 2

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

PROFESSIONAL ENGINEER
RYAN D. LANCASTER
LICENSED PROFESSIONAL ENGINEER
STATE OF IDAHO
MARCH 8, 2014

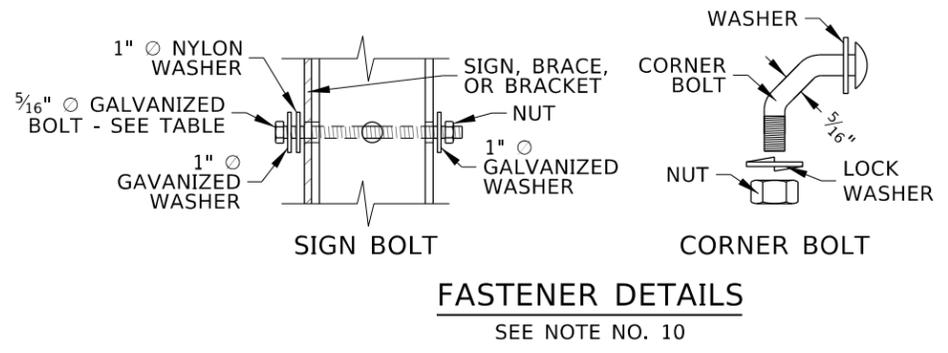


FOUNDATION AND STUB HEIGHT DETAIL
SEE NOTE NO. 15

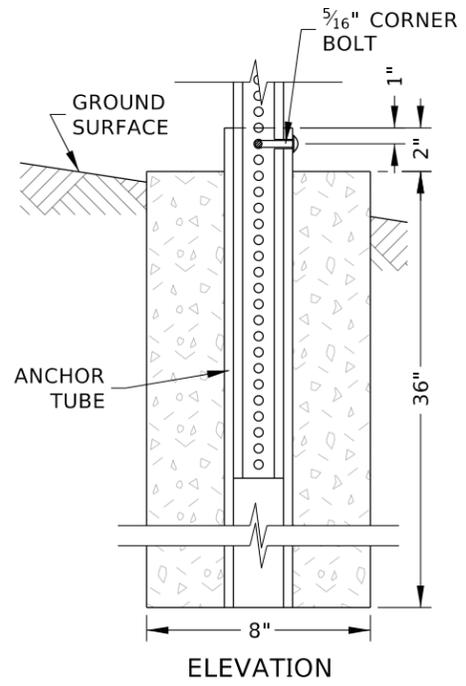
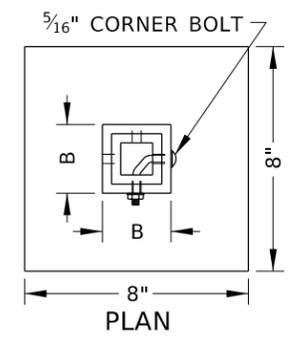
NOTES

1. USE TYPE E - PERFORATED STEEL TUBE POSTS - WITH TYPE B - SHEET ALUMINUM AND TYPE E - HDO PLYWOOD SIGNS.
2. SEE THE TRAFFIC MANUAL TO CALCULATE SIGN LOAD PER POST.
3. SEE PROJECT SIGN SUMMARY FOR SIGN ASSEMBLY DIMENSIONS.
4. USE ONE OR MORE TYPE E - PERFORATED STEEL TUBE POST. DO NOT MIX E-1 AND E-2 POSTS ON THE SAME SIGN ASSEMBLY.
5. POST 1 IS CLOSEST TO THE HIGHWAY, WHETHER INSTALLED ON THE RIGHT OR LEFT SIDE.
6. A BREAKAWAY DEVICE MUST BE INSTALLED IF THREE POSTS ARE USED. REFER TO THE ITD QUALIFIED PRODUCTS LIST FOR BREAKAWAY DEVICES.
7. TYPE E - PERFORATED STEEL TUBE POSTS - DO NOT NEED TO BE SHIELDED BY GUARDRAIL OR BARRIER. WHEN PERFORATED STEEL POSTS ARE INSTALLED BEHIND GUARDRAIL OR BARRIER, ENSURE THE POSTS ARE OUTSIDE OF THE GUARDRAIL OR BARRIER WORKING WIDTH.
8. SIGNS CAN BE MOUNTED BACK-TO-BACK IF THE SHAPE OF STOP, YIELD, OR WARNING SIGNS ARE NOT SHIELDED.
9. SIGNS ARE INSTALLED WITH OR WITHOUT BRACES DEPENDENT ON SIGN SIZE AND APPLICATION.
10. TYPE B - SHEET ALUMINUM - OR TYPE E - HDO PLYWOOD - SIGNS CAN BE AFFIXED TO THE POST OR THROUGH BRACES OR BRACKETS.
11. INSTALL SIGNS AT THE FOLLOWING HEIGHTS:
 - A. IF INSTALLED IN A RURAL AREA, 5 FEET ABOVE THE PAVEMENT ELEVATION OR 4 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN.
 - B. IF INSTALLED IN THE VICINITY OF A CURB OR IN A BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA WHERE PARKING OR PEDESTRIAN MOVEMENTS ARE LIKELY, 7 FEET ABOVE THE PAVEMENT ELEVATION OR 6 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN. IF INSTALLED LOWER THAN 7 FEET, ENSURE SIGNS DO NOT PROJECT MORE THAN 4 INCHES INTO THE PEDESTRIAN FACILITY.
12. PRECAST FOUNDATION OR CAST FOUNDATION IN PLACE. ENSURE THE BOTTOM OF THE FOUNDATION IS KEPT OPEN TO DRAIN. IF THE ANCHOR TUBE IS PERFORATED, ENSURE THE INSIDE OF THE ANCHOR REMAINS OPEN.
13. IF SOLID BEDROCK IS ENCOUNTERED WITHIN THE FOUNDATION DEPTH, DRILL A 4.5 INCH VERTICAL HOLE AND SOCKET THE ANCHOR TUBE. FILL DRILLED HOLES WITH GROUT, TYPE B, CLASS 1. ENSURE THE INSIDE OF THE ANCHOR TUBE REMAINS OPEN. WHEN INSTALLED IN BEDROCK, ENSURE THE E-1 POST IS EMBEDDED 18 INCHES DEEP AND THE E-2 POST IS EMBEDDED 24 INCHES.
14. WHEN THE SIGN IS INSTALLED ON A BACKSLOPE, ENSURE THE SIGN POST IS AT LEAST 5' HIGHER THAN THE GROUND SURFACE.
15. ENSURE NO PART OF THE FOUNDATION OR SIGN POST STUB PROJECTS MORE THAN 4 IN. ABOVE ANY 5 FT. CHORD ALIGNED PERPENDICULARLY TO THE EDGE OF THE HIGHWAY BETWEEN A POINT ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE OF THE SUPPORT.
16. DRAWING NOT TO SCALE.

SIGN ASSEMBLY MEASUREMENTS



FASTENER DETAILS
SEE NOTE NO. 10



FOUNDATION
SEE NOTE NOS. 12 & 13

SIGN POST AND FOUNDATION TABLE										
POST TYPE	TYPE E PERFORATED STEEL TUBE POST		POST WEIGHT (LB/FT)	MAXIMUM SIGN LOAD (SFxFT)	FOUNDATION		ANCHOR TUBE		FASTENERS	
	PERFORATED TUBE POST SIZE A (IN)	STEEL TUBE POST SIZE GAUGE			SIZE (INxINxIN)	CONCRETE (CY)	B (IN)	GAUGE	POST WEIGHT (LB/FT)	SIGN BOLT LENGTH (IN)
E-1	2	12	2.42	43	8x8x36	0.05	2 1/2 x 2 1/2	7	5.59	2 1/2
E-2	2 1/2	12	4.01	91	8x8x36	0.05	3x3	7	6.87	3

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	02-92	JEC	6	05-15	HEB			
2	12-94	HEB	7	12-16	HEB			
3	06-99	HEB	8	02-23	RDL			
4	12-01	NQB						
5	12-13	HEB						

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CADD FILE NAME: 616-7_0423.dgn
DRAWING DATE: JULY, 1991

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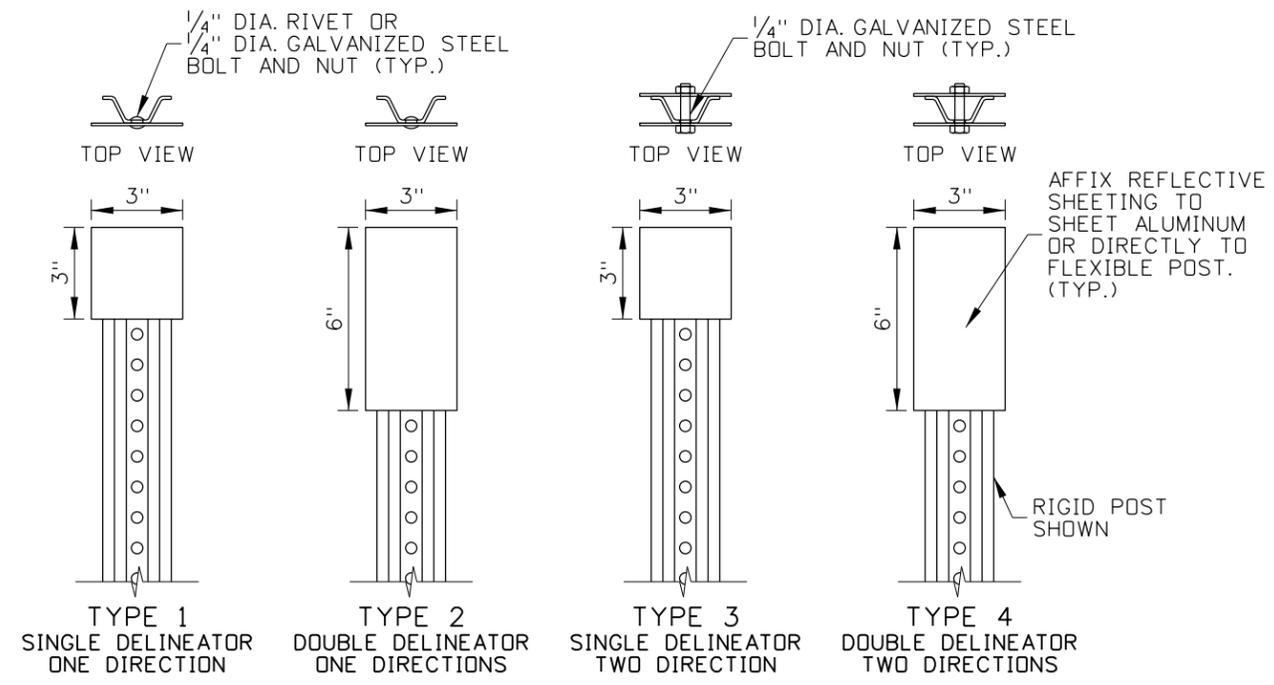
ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

STANDARD DRAWING
STEEL SIGN POST AND FOUNDATION
TYPE E - PERFORATED STEEL TUBE POST

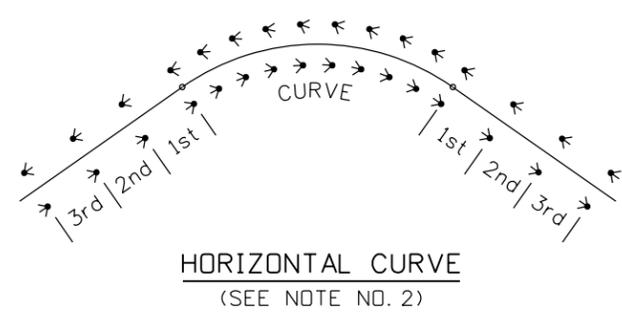
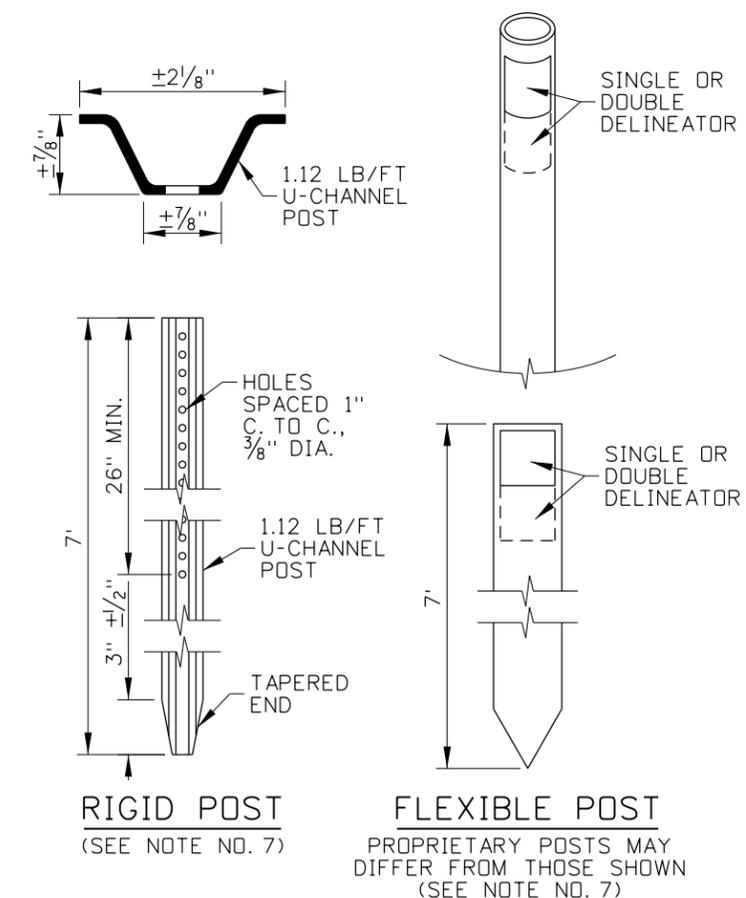
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STANDARD DRAWING NO.
616-7
SHEET 1 OF 1

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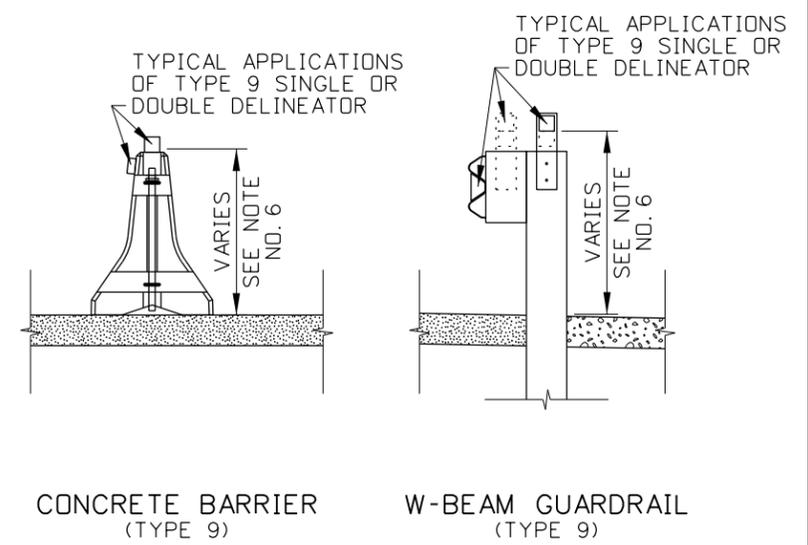
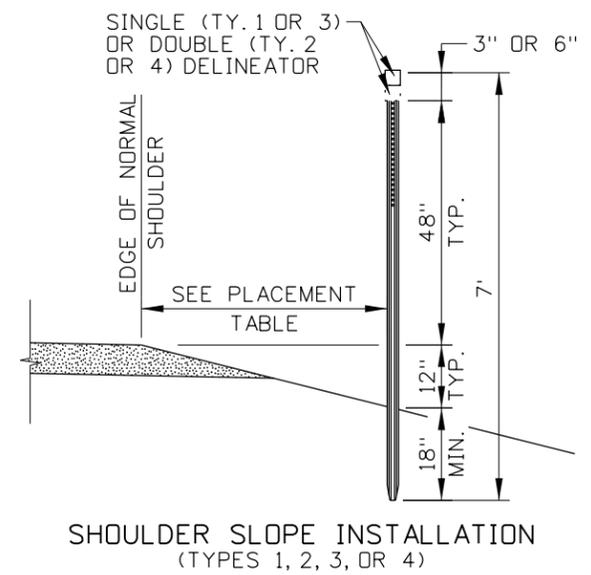


DELINEATOR TYPES
TYPE 9 NOT SHOWN (SEE NOTE NO. 9)



RADIUS OF CURVE (FEET)	APPROXIMATE SPACING ON CURVE (FEET)	1st SPACE FROM CURVE (FEET)	2nd SPACE FROM CURVE (FEET)	3rd SPACE FROM CURVE (FEET)
50	20	40	60	120
115	25	50	75	150
180	35	70	105	210
250	40	80	120	240
300	50	100	150	300
400	55	110	165	300
500	65	130	195	300
600	70	140	210	300
700	75	150	225	300
800	80	160	240	300
900	85	170	255	300
1,000	90	180	270	300
1,500	115	230	300	300
2,500	150	300	300	300
5,000	210	300	300	300
10,000	300	300	300	300
> 10,000	528	528	528	528

SHOULDER TYPE	OFFSET
2:1 SLOPE	2'
4:1 SLOPE	4'
6:1 OR FLATTER	6' TO 8'
CURB SECTION	6' TO 8'
GUARDRAIL OR CONCRETE BARRIER	VARIES



DELINEATOR INSTALLATIONS

NOTES

- MATCH THE DELINEATOR COLOR TO THE ADJACENT PAVEMENT MARKINGS. USE RED DELINEATORS ON TRUCK ESCAPE RAMPS OR ON THE REVERSE SIDE OF A DELINEATOR TO INDICATE TRAVEL IN THE WRONG DIRECTION ON DIVIDED OR ONE-WAY HIGHWAYS.
- SPACE DELINEATORS 528 FEET (0.1 MI.) APART ON MAINLINE TANGENT SECTIONS. SPACE DELINEATORS ON CURVES IN ACCORDANCE WITH THE HORIZONTAL CURVE SPACING TABLE. SPACE DELINEATORS 100 FEET APART ON RAMP TANGENT SECTIONS. SPACE RED DELINEATORS ON TRUCK ESCAPE RAMPS AT 50 FOOT INTERVALS.
- DELINEATE ACCELERATION AND DECELERATION LANES WITH DOUBLE DELINEATORS SPACED AT 100 FOOT INTERVALS.
- DELINEATE GUARDRAIL AND CONCRETE BARRIERS. SPACING MAY BE REDUCED ON GUARDRAIL AND CONCRETE BARRIER TO FORM A CONTINUOUS OR NEARLY CONTINUOUS "RIBBON" OF DELINEATION.
- WHEN UNIFORM SPACING IS INTERRUPTED BY DRIVEWAYS, INTERSECTIONS, OR OTHER FEATURES, RELOCATE THE DELINEATOR NOT FURTHER THAN ONE QUARTER OF THE UNIFORM SPACING. DELINEATORS CAN BE OMITTED WHEN STILL FALLING WITHIN THESE FEATURES.
- MEASURE DELINEATOR HEIGHT VERTICALLY FROM THE BOTTOM OF THE LOWEST REFLECTIVE DEVICE TO THE ELEVATION OF THE EDGE OF NORMAL SHOULDER. DELINEATORS ATTACHED TO GUARDRAIL, GUARDRAIL POSTS, OR CONCRETE BARRIER CAN BE INSTALLED LOWER THAN 48".
- USE RIGID OR FLEXIBLE POSTS FOR TYPES 1, 2, 3, AND 4. SEE PROJECT PLANS FOR SPECIFIC INSTRUCTIONS.
- ON GUARDRAIL AND CONCRETE BARRIERS, USE TYPE 9 DELINEATORS OR TYPE 1, 2, 3, OR 4 DELINEATORS BEHIND THE BARRIER.
- TYPE 9 DELINEATORS VARY IN SHAPE AND CAN BE ATTACHED TO THE TOP OR SIDE OF W-BEAM GUARDRAIL, GUARDRAIL POSTS, OR CONCRETE BARRIER. IF "BUTTERFLY" STYLE GUARDRAIL DELINEATORS ARE USED, ENSURE THE DELINEATORS ARE PLASTIC.
- DRAWINGS NOT TO SCALE.

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	06-05	MSM	6	05-18	RDL			
2	11-11	TEM	7	03-21	RDL			
3	04-14	RDL	8	02-22	RDL			
4	03-15	PJF						
5	05-16	RDL						

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DRAWING DATE: DECEMBER, 2002

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BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

DELINEATORS

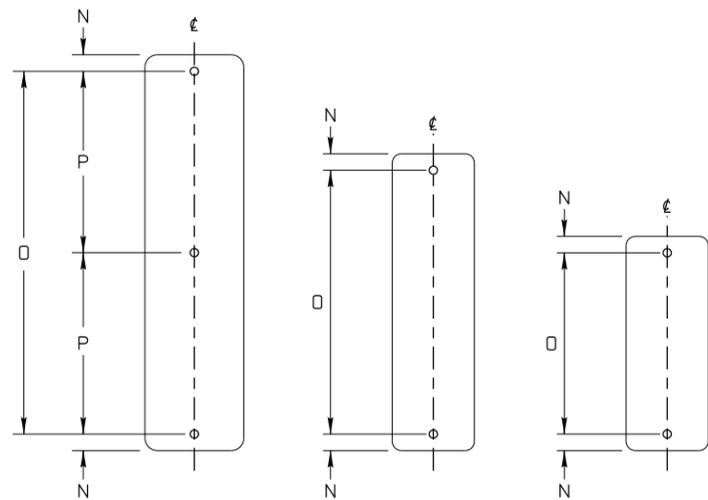
English

STANDARD DRAWING NO. 617-1

SHEET 1 OF 1

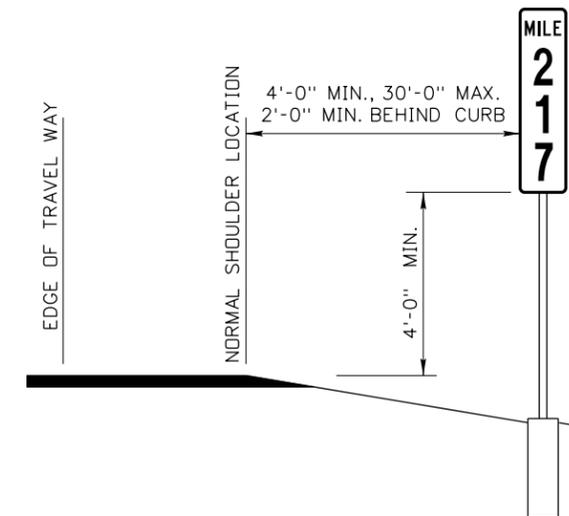
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

PROFESSIONAL ENGINEER
LICENSED
13683
RYAN D. LANCASTER
STATE OF IDAHO

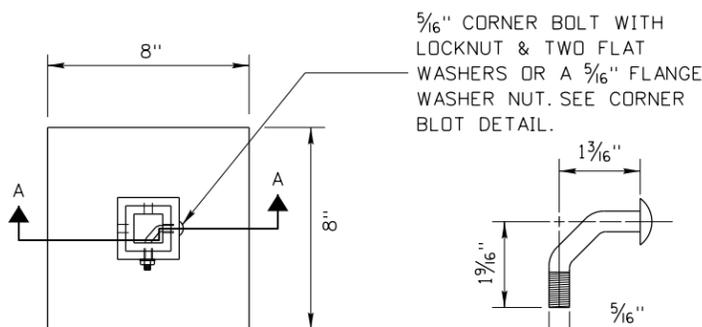


3/8" Ø HOLES TYPICAL
MILEPOST SIGNS

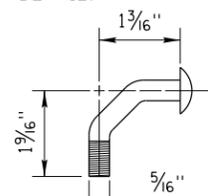
	TYPE 1			TYPE 2 AND 3		
SIZE	12" X 24"	12" X 36"	12" X 48"	10" X 18"	10" X 27"	10" X 36"
NO. OF HOLES	2	2	3	2	2	2
N	2"	2"	2"	2"	2"	2"
O	20"	32"	44"	14"	23"	32"
P	-	-	22"	-	-	-



SIGN HEIGHT AND LATERAL LOCATION

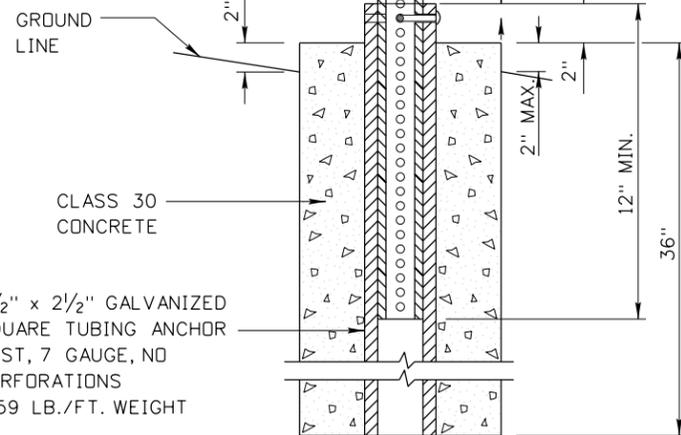


5/16" CORNER BOLT WITH LOCKNUT & TWO FLAT WASHERS OR A 5/16" FLANGE WASHER NUT. SEE CORNER BOLT DETAIL.



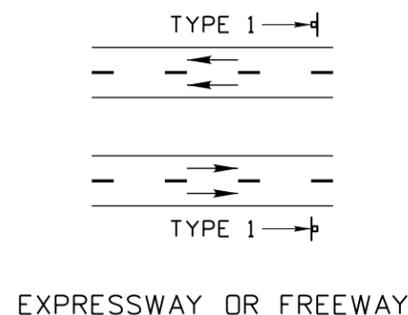
CORNER BOLT DETAIL

2" X 2" PERFORATED SQUARE TUBING SIGN POST, 12 GAUGE
2.42 LB./FT. WEIGHT

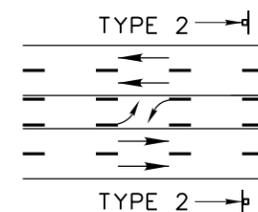


SECTION A-A

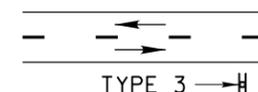
SIGN POST INSTALLATION DETAILS



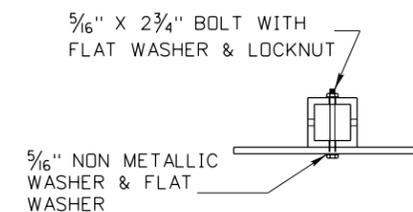
EXPRESSWAY OR FREEWAY



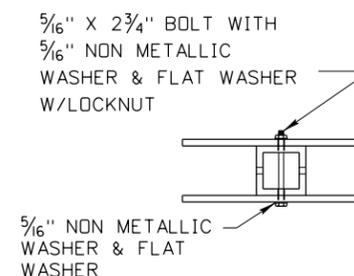
UNDIVIDED MULTI-LANE HIGHWAY



TWO LANE HIGHWAYS



TYPE 1 & 2 MILEPOST SIGN



TYPE 3 MILEPOST SIGN

NOTES

- ON EXPRESSWAYS, FREEWAYS OR MULTI-LANE HIGHWAYS, PLACE A MILEPOST ASSEMBLY IN EACH DIRECTION OF TRAVEL. ON TWO LANE ROADWAYS, BACK TO BACK MILEPOST ASSEMBLIES MAY BE INSTALLED ON THE ON THE RIGHT SIDE OF THE ROADWAY IN THE DIRECTION OF ASCENDING MILE POSTS.
- INSTALL SIGN POST AND ANCHOR OR GROUT INTO SOLID ROCK. IF INSTALLED IN ROCK, ENSURE THE ANCHOR POST IS EMBEDDED 18" INTO SOLID ROCK.
- DO NOT ATTACH MILEPOST SIGNS UNTIL THE CONCRETE HAS SET WHEN FOUNDATIONS ARE CAST IN PLACE.
- ENSURE THAT THE BOTTOM OF ANCHOR IS LEFT OPEN TO DRAIN.
- DRAWING NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	05-15	HEB						
2	12-15	HEB						

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CADD FILE NAME: 617-2_1215.dgn
DRAWING DATE: MAY, 2015

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BOISE IDAHO

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STANDARD DRAWING
MILEPOST ASSEMBLIES

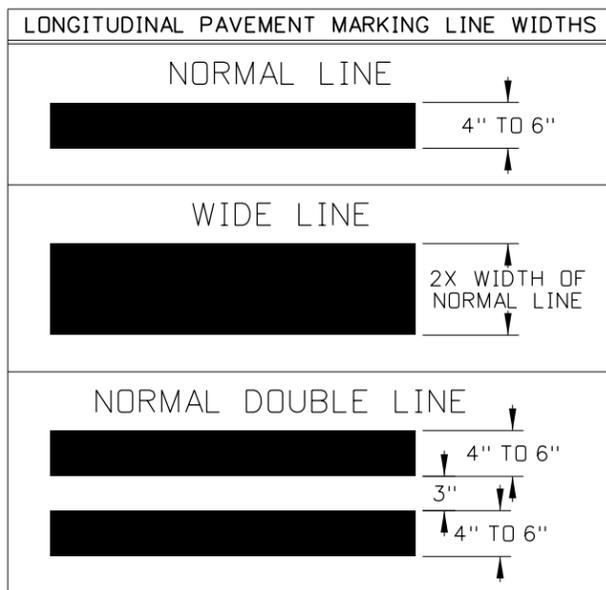
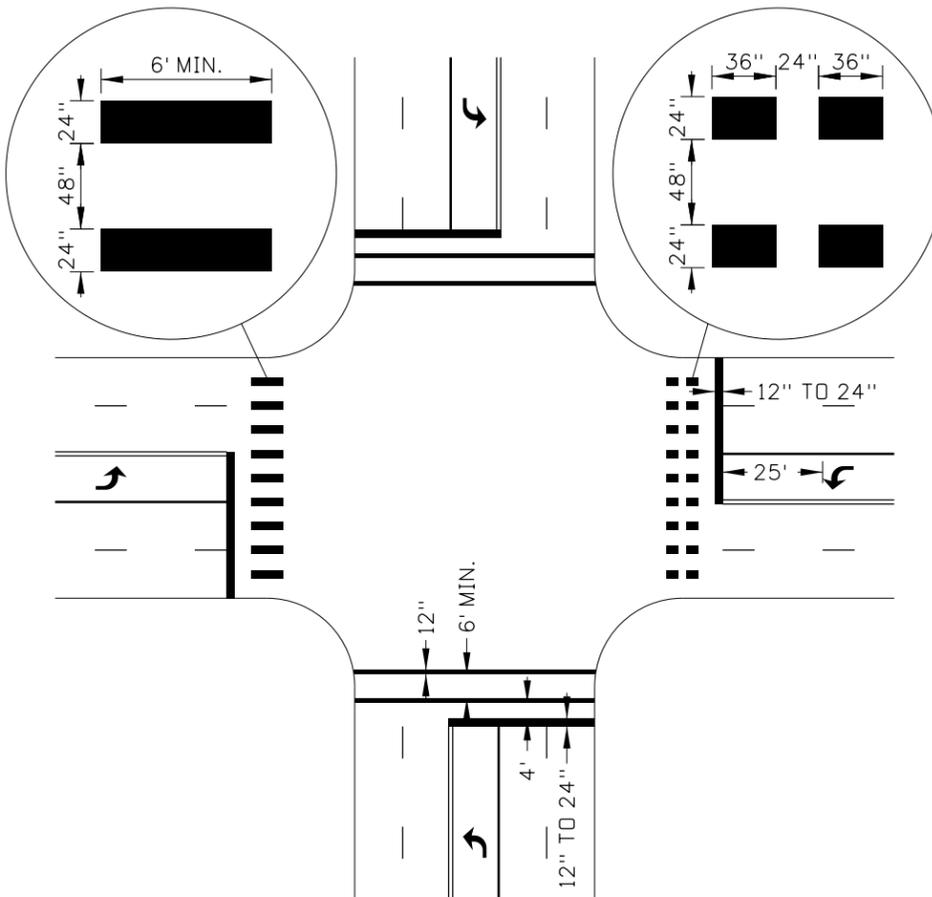
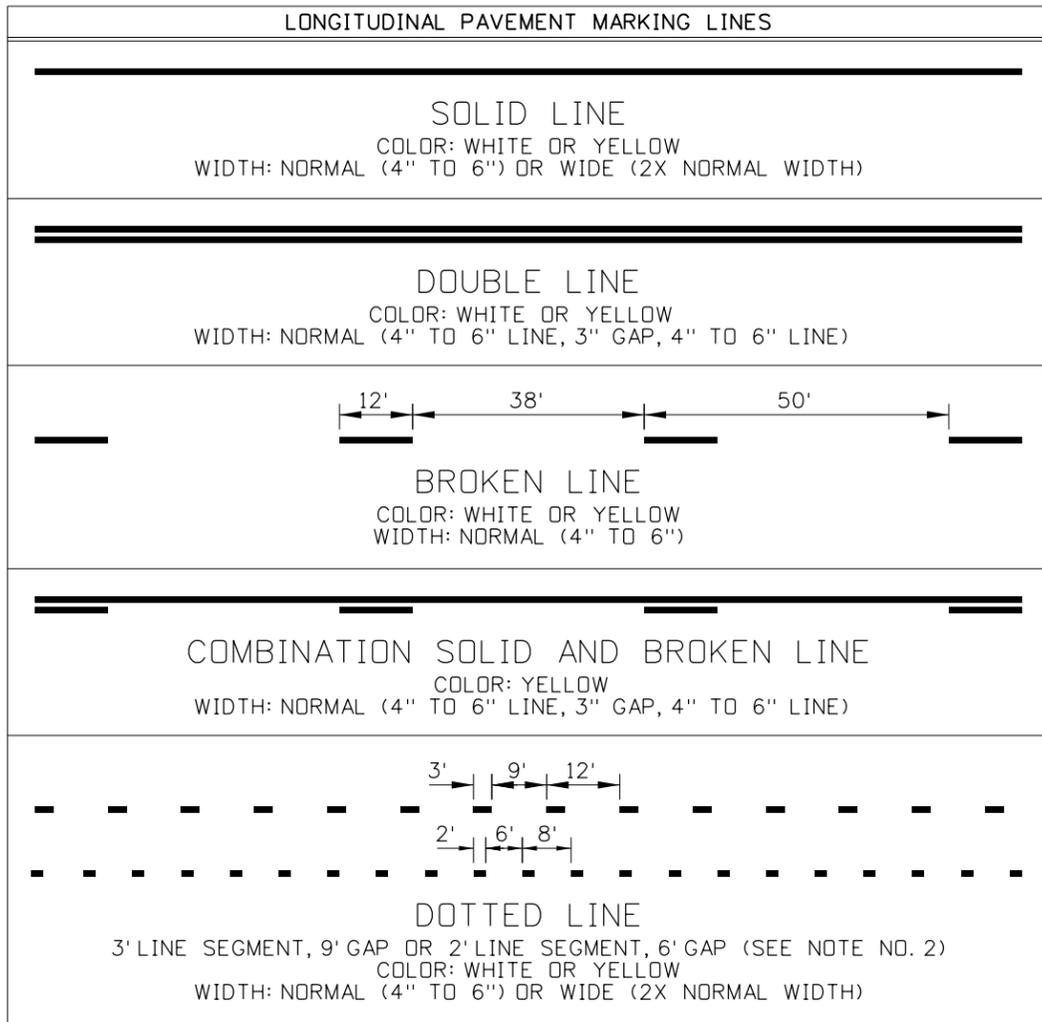
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

English
STANDARD DRAWING NO. 617-2
SHEET 1 OF 1

NOTES

1. USE WHITE AND YELLOW PAVEMENT MARKINGS AS FOLLOWS:
 - WHITE:
 - A. THE SEPARATION OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
 - B. THE RIGHT-HAND EDGE OF THE HIGHWAY.
 - YELLOW:
 - A. THE SEPARATION OF TRAFFIC TRAVELING IN OPPOSITE DIRECTIONS.
 - B. THE LEFT-HAND EDGE DIVIDED HIGHWAYS, ONE-WAY STREETS, OR RAMP.
 - C. TWO-WAY LEFT-TURN LANES.
2. USE LONGITUDINAL PAVEMENT MARKINGS AS FOLLOWS:
 - A. USE SOLID LINES TO INDICATE THE LEFT OR RIGHT EDGE OF TRAVEL WAY OR TO DISCOURAGE LANE CHANGING.
 - B. USE DOUBLE LINES TO PROHIBIT PASSING OR LANE CHANGING.
 - C. USE BROKEN LINES TO INDICATE PASSING OR LANE CHANGING ARE PERMITTED. USE THE 12' LINE SEGMENT, 38' GAP PATTERN FOR ALL SPEEDS.
 - D. USE COMBINATION SOLID AND BROKEN LINES TO PROHIBIT PASSING IN ONE DIRECTION WHILE PERMITTING PASSING IN THE OPPOSITE DIRECTION OR TO INDICATE A TWO-WAY LEFT-TURN LANE.
 - E. USE DOTTED LINES AS FOLLOWS:
 - 3' LINE SEGMENT, 9' GAP:
 - I. TO SEPARATE A THROUGH LANE AND A LANE THAT BECOMES A MANDATORY EXIT OR TURN LANE (DROPPED LANE).
 - II. TO SEPARATE THROUGH LANES AND TURN LANES OR RAMP.
 - III. TO SEPARATE A THROUGH LANE AND AN AUXILIARY LANE 2 MILES OR LESS IN LENGTH BETWEEN FREEWAY ENTRANCE RAMP AND EXIT RAMP OR 1 MILE OR LESS IN LENGTH BETWEEN INTERSECTIONS.
 - 2' LINE SEGMENT, 6' GAP:
 - I. AS A LANE LINE EXTENSION THROUGH AN INTERSECTION.
3. USE 12' VEHICULAR TRAVEL LANES UNLESS OTHERWISE INDICATED. MEASURE LANE WIDTHS FROM THE CENTER OF LINE TO THE CENTER OF LINE.
4. THE PAVEMENT MARKING APPLICATION EXAMPLES PRESENTED SHOW COMMON APPLICATION. MODIFY AS NEEDED TO ACCOMMODATE OTHER SITUATIONS.
5. METHODS FOR DETERMINING TURN-LANE LENGTH ARE DESCRIBED IN THE ITD TRAFFIC MANUAL.
6. USE 15W FOR POSTED SPEED LIMITS OF 45 MPH OR GREATER. USE 8W FOR POSTED SPEED LIMITS OF 40 MPH OR LESS. W IS THE OFFSET WIDTH IN FEET.
7. USE DISTANCE L WHEN PRACTICAL. USE THE FOLLOWING EQUATION TO DETERMINE L:

$$L = WS$$
 WHERE:
 - W = OFFSET WIDTH IN FEET
 - S = POSTED SPEED LIMIT
8. USE LANE-USE ARROWS AND WORD PAVEMENT MARKINGS AS SHOWN. SOME MARKINGS ARE OPTIONAL.
 - A. USE TWO OR MORE LANE-USE ARROWS UNLESS THE TURN-LANE LENGTH IS LESS THAN 75 FEET. IF SHORTER THAN 75 FEET, THE DOWNSTREAM ARROW CAN BE OMITTED.
 - B. USE TWO-WAY LEFT-TURN ARROW MARKINGS NEAR THE BEGINNING OF A TWO-WAY LEFT-TURN LANE AND EVERY 1/2 MILE THEREAFTER.
9. BREAK EDGE AND LANE LINES AT INTERSECTIONS WITH MINOR ROADS. CONTINUE EDGE AND LANE LINES THROUGH DRIVEWAY APPROACHES.
10. ON TWO-LANE HIGHWAYS, PAINT THE CENTERLINE IN ONE DIRECTION IN ASCENDING STATION/MILEPOST DIRECTION AS SHOWN.
11. DRAWINGS NOT TO SCALE.



REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	03-20	RDL						

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STANDARD DRAWING

PAVEMENT MARKINGS

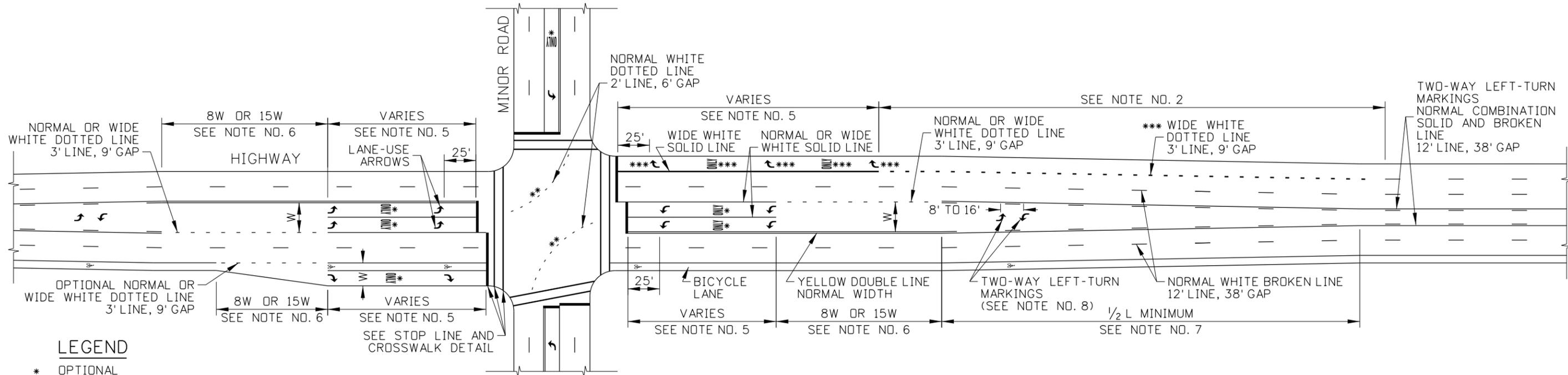
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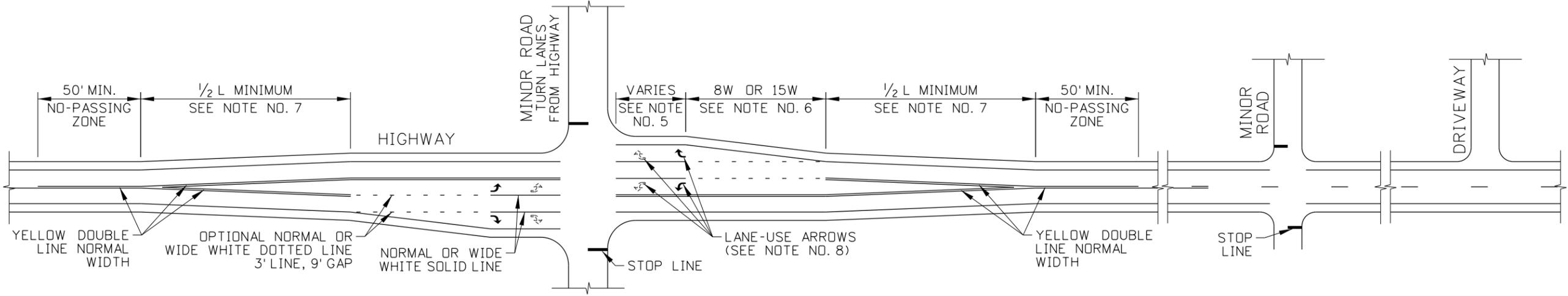
PROFESSIONAL ENGINEER
RYAN D. LANCASTER
13683
STATE OF IDAHO



LEGEND

- * OPTIONAL
- ** DOTTED LANE LINE EXTENSION (2' SEGMENT, 6' GAP)
- *** REQUIRED WHERE THROUGH LANE BECOMES MANDATORY TURN LANE

EXAMPLE URBAN HIGHWAY PAVEMENT MARKINGS



EXAMPLE RURAL HIGHWAY PAVEMENT MARKINGS

SEE NOTE NO. 9

REVISIONS								
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1	03-20	RDL						

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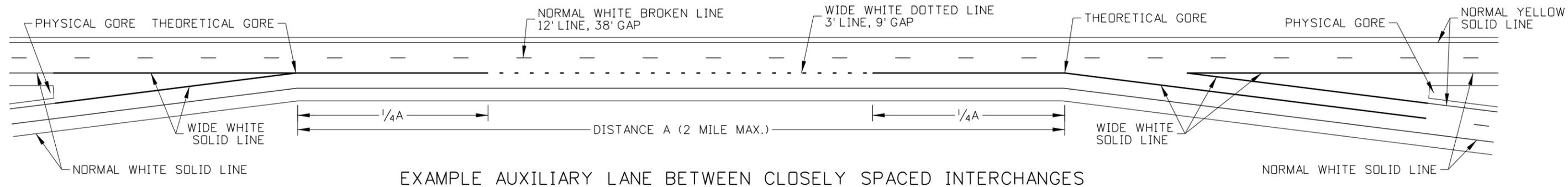
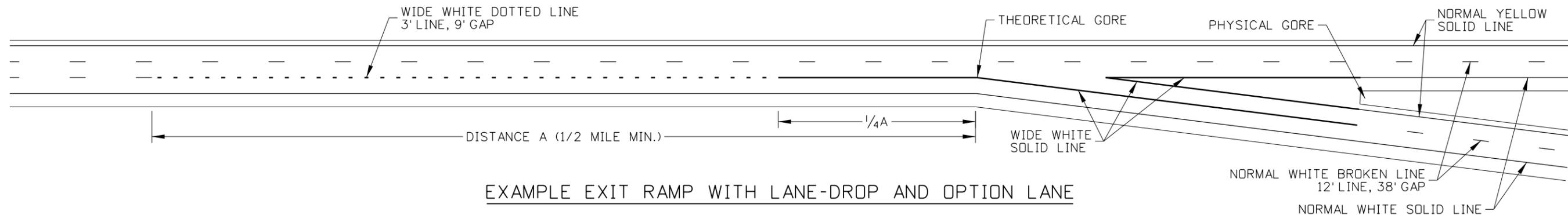
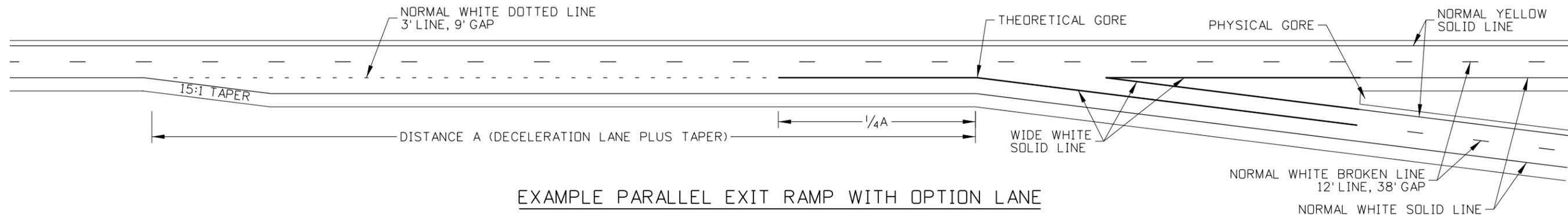
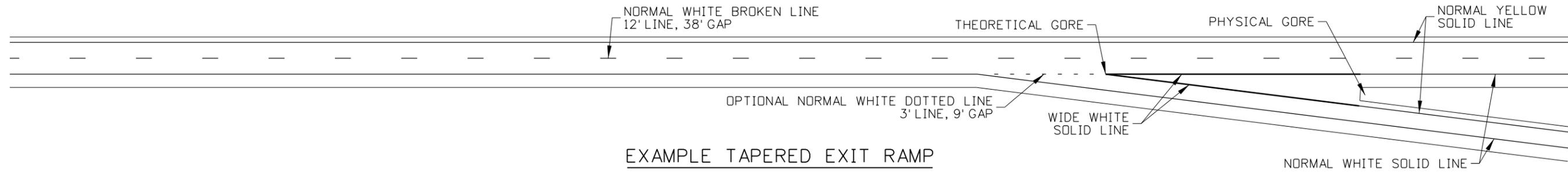
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STANDARD DRAWING
PAVEMENT MARKINGS

English
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630-1
 SHEET 2 OF 4

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 13683
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 STATE OF IDAHO



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1	03-20	RDL						

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630-1_0420.dgn

DRAWING DATE:
DECEMBER, 2016

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STANDARD DRAWING

PAVEMENT MARKINGS

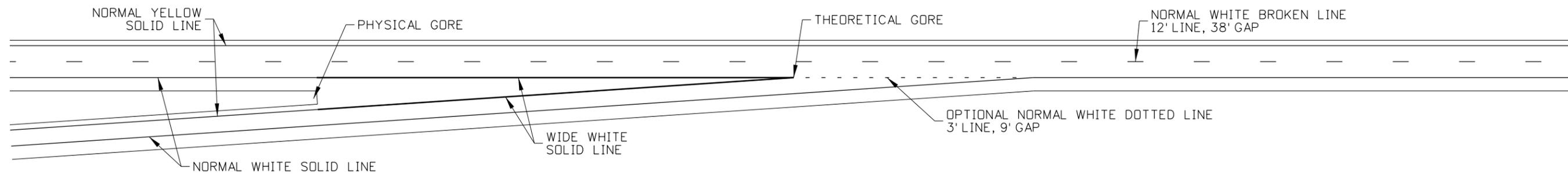
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AT: ITD,
Headquarters
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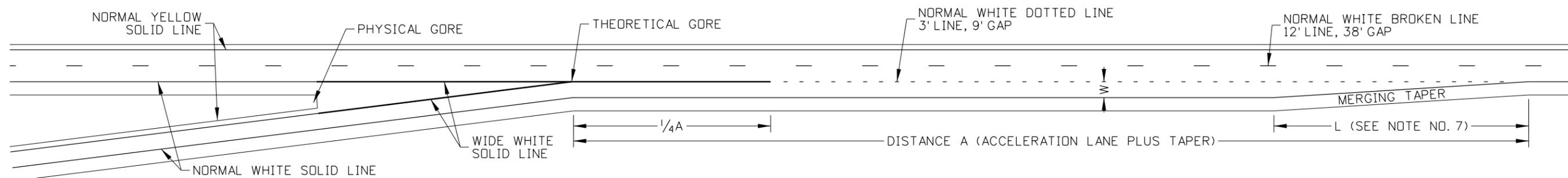
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630-1

SHEET 3 OF 4

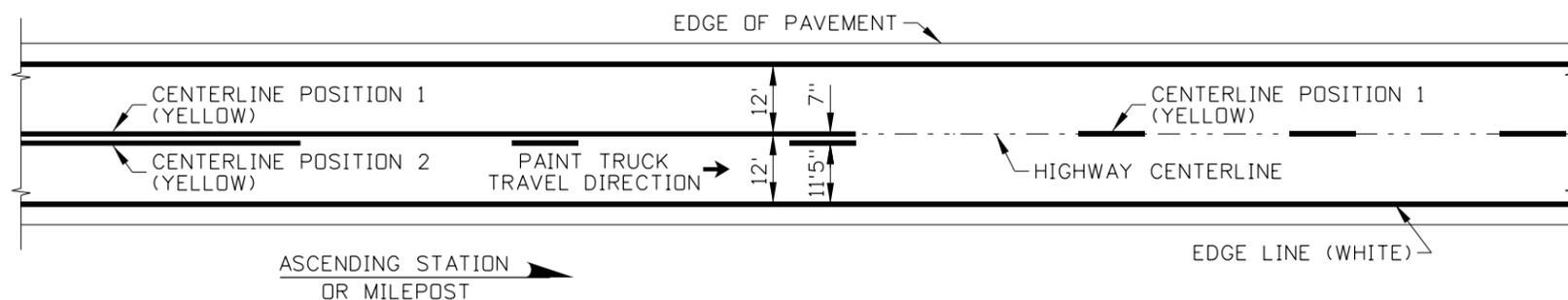
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RYAN D. LANCASTER
13683
STATE OF IDAHO
MARCH 17, 2015



EXAMPLE TAPERED ENTRANCE RAMP

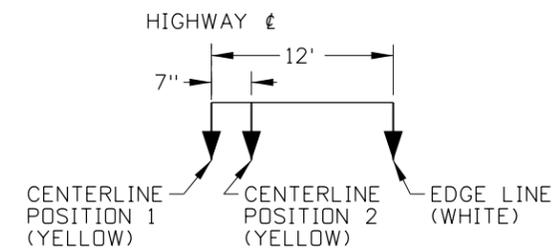


EXAMPLE PARALLEL ENTRANCE RAMP



PAVEMENT MARKINGS ON TWO-WAY HIGHWAYS

SEE NOTE NO. 10 AND PAINT TRUCK SETUP DETAIL



PAINT TRUCK SETUP DETAIL

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	03-20	RDL						

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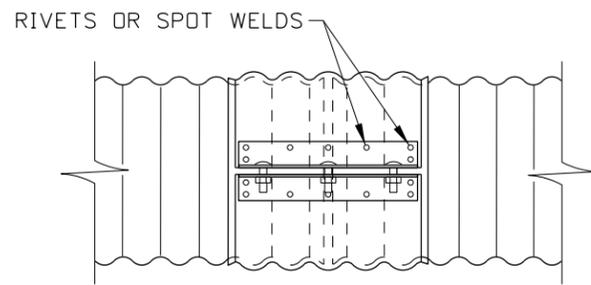
STANDARD DRAWING
PAVEMENT MARKINGS

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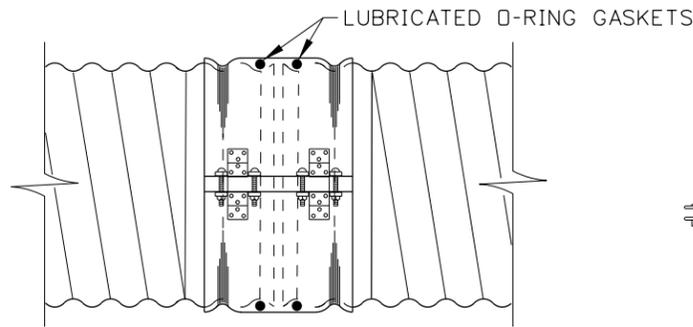
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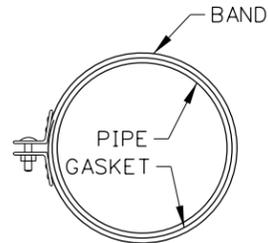
SHEET 4 OF 4



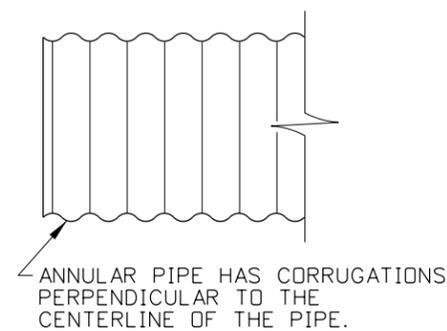
TYPES 1-A & 2-A
ANNULAR COUPLING BAND



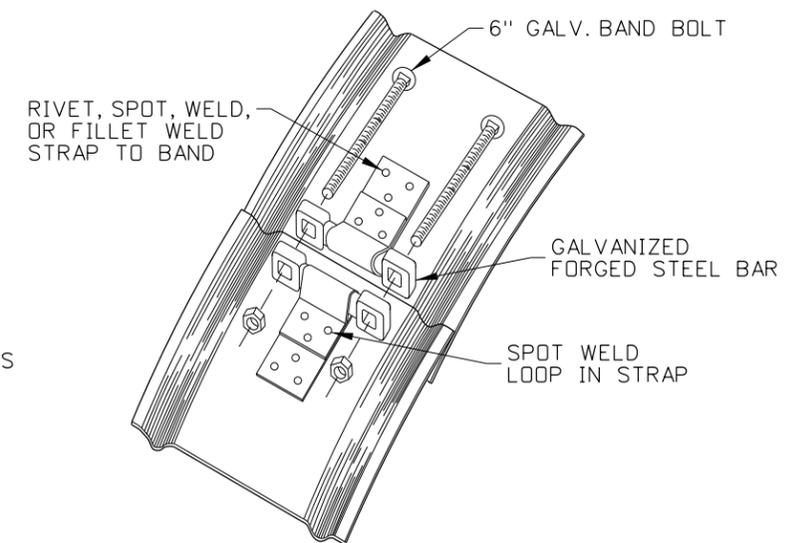
DOUBLE BAR AND STRAP-TYPE 3
HUGGER COUPLING BAND



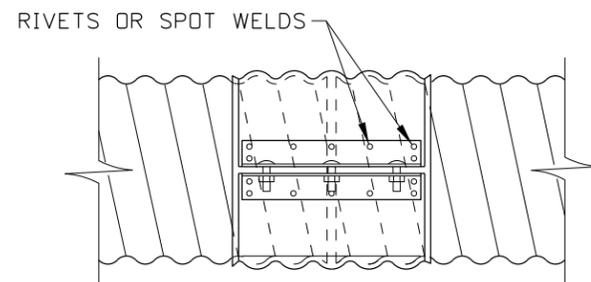
TYPE 1
SINGLE PIECE BAND



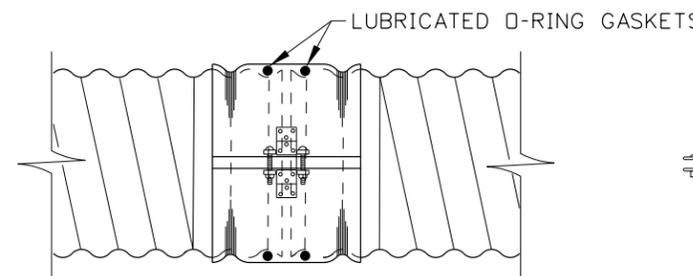
ANNULAR CMP



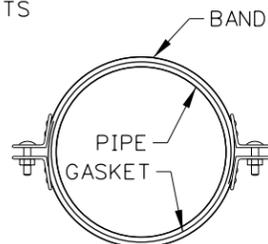
BAND TYPE 3
BAR & STRAP COUPLING
(SINGLE STRAP)



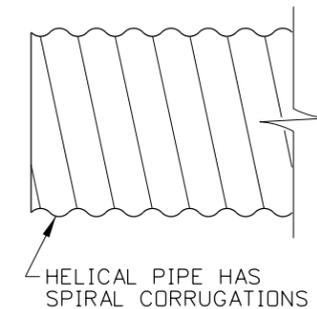
TYPES 1-B & 2-B
HELICAL COUPLING BAND



SINGLE BAR AND STRAP-TYPE 3
HUGGERL COUPLING BAND



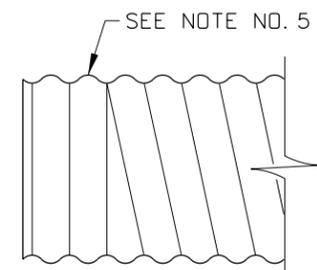
TYPE 2
TWO PIECE BAND



HELICAL CMP

NOTES

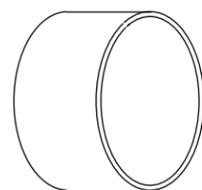
1. THE REFORMED ENDS OF HELICAL CORRUGATED METAL PIPE MADE TO ACCEPT ANNULAR COUPLING BANDS SHALL BE UNIFORM AND SMOOTH IN APPEARANCE. PIPE WITH IRREGULAR REFORMED ENDS ARE NOT ACCEPTABLE.
2. SLEEVE AND STRIP GASKETS FOR COUPLING BANDS TYPE 1-A AND 1-B SHALL EXCEED THE WIDTH OF THE BAND BY A MINIMUM OF 1/4" ON BOTH EDGES. THE GASKETS SHALL FIT SNUGLY AROUND THE PIPES PRIOR TO INSTALLATION OF THE BAND.
3. ALL WELDS AND/OR EXPOSED FERROUS METAL ON COUPLING BANDS AND BAND CONNECTING HARDWARE SHALL BE REPAIRED IN ACCORDANCE WITH AASHTO M 36.
4. STEEL BAND THICKNESS SHALL BE AT LEAST 1/2 THE THICKNESS OR GAUGE OF THE PIPE. ALUMINUM BANDS SHALL BE THE SAME THICKNESS AS THE PIPE.
5. THE JOINTS FOR SIPHONS AND SEWERS SHALL BE WATERTIGHT AND PRESSURE TESTED PRIOR TO ACCEPTANCE, AS REQUIRED IN THE STANDARD SPECIFICATIONS.
6. TO PREVENT GALVANIC ACTION WHEN BANDS AND PIPES ARE OF AN UNLIKE METAL, THE BANDS SHALL BE ASPHALT COATED.
7. GASKET MATERIALS ARE NOT TO BE ALTERED, SEWN, OR PATCHED. THE USE OF SEALANTS AND/OR LUBRICANTS WITH BAND GASKETS MUST BE AS THE MANUFACTURER SPECIFIES. THE QUALITY AND CHEMICAL COMPOSITION OF SEALANTS AND LUBRICANTS WILL BE AS THE MANUFACTURER REQUIRES. CONTACT THE MANUFACTURER FOR DETAILS.
8. SPOT WELDED OR FILLET WELDED STRAPS ON BANDS SHALL BE OF EQUAL STRENGTH TO RIVETED STRAPS.
9. ALL RECOMMENDATIONS IN THE PIPE COUPLING BAND TABLE ARE TO BE CONSIDERED MINIMAL.
10. NOT TO SCALE.



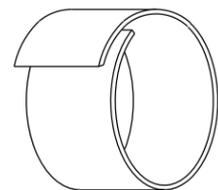
REFORMED HELICAL CMP



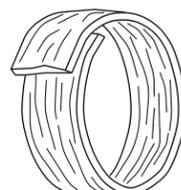
O-RING GASKET



SLEEVE GASKET



STRIP GASKET



MASTIC SEALANT GASKET

STANDARD CORRUGATED STEEL PIPE GASKET TYPES

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	02-76		6	03-05	MSM			
2	02-77							
3	09-93	MSM						
4	12-95	MSM						
5	06-02	MSM						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 706-6_0305.dgn
DRAWING DATE: APRIL, 1961

IDAHO TRANSPORTATION DEPARTMENT
BOISE IDAHO



ORIGINAL SIGNED BY: LOREN THOMAS
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)
ORIGINAL SIGNED BY: STEVEN HUTCHINSON
CHIEF ENGINEER

STANDARD DRAWING
CORRUGATED METAL PIPE
WATERTIGHT COUPLING BANDS

English
STANDARD DRAWING NO.
706-6
SHEET 1 OF 2

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

PROFESSIONAL ENGINEER * LAND SURVEYOR
MILFORD MILLER
STATE OF IDAHO
MILFORD MILLER
MARCH 4, 2005

PIPE COUPLING BAND TABLE						PIPE CORRUGATION STYLE			SIPHON	* CULVERT	IRRIGATION	SEWER	UNDERDRAIN
COUPLING TYPE	CORRUGATIONS	PIPE SIZE	COUPLING WIDTH	COUPLING BOLTS (NO.) DIA.	GASKET TYPE	ANNULAR PIPE	REFORMED HELICAL	HELICAL PIPE					
TYPE 1-A ANNULAR COUPLING BAND	1/2" x 1/4" & 2 3/8" x 1/2"	6"-10"	7" (1 PIECE)	(3) 3/8"	SLEEVE	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	12"-15"	7" (1 PIECE)	(3) 1/2"	SLEEVE	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	18"-24"	12" (1 PIECE)	(3) 1/2"	SLEEVE	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	30"-42"	24" (1 PIECE)	(5) 5/8"	SLEEVE	X	X		X	X		X	
TYPE 1-B HELICAL COUPLING BAND	1/2" x 1/4" & 2 3/8" x 1/2"	6"-10"	7" (1 PIECE)	(3) 3/8"	SLEEVE OR STRIP			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	12"-15"	7" (1 PIECE)	(3) 1/2"	SLEEVE OR STRIP			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	18"-24"	12" (1 PIECE)	(3) 1/2"	SLEEVE OR STRIP			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	30"-42"	24" (1 PIECE)	(5) 5/8"	SLEEVE OR STRIP			X	X	X		X	
TYPE 2-A ANNULAR COUPLING BAND	1/2" x 1/4" & 2 3/8" x 1/2"	6"-10"	7" (1 PIECE)	(4) 3/8"	SLEEVE, STRIP OR MASTIC	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	12"-15"	7" (1 PIECE)	(4) 3/8"	SLEEVE, STRIP OR MASTIC	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	18"-24"	12" (1 PIECE)	(6) 1/2"	SLEEVE, STRIP OR MASTIC	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	30"-42"	24" (1 PIECE)	(8) 1/2"	SLEEVE, STRIP OR MASTIC	X	X		X	X	X	X	
TYPE 2-B HELICAL COUPLING BAND	1/2" x 1/4" & 2 3/8" x 1/2"	6"-10"	7" (1 PIECE)	(4) 3/8"	SLEEVE, STRIP OR MASTIC			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	12"-15"	7" (1 PIECE)	(4) 3/8"	SLEEVE, STRIP OR MASTIC			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	18"-24"	12" (1 PIECE)	(6) 1/2"	SLEEVE, STRIP OR MASTIC			X	X	X		X	
	2 3/8" x 1/2" & 3" x 1"	30"-42"	24" (1 PIECE)	(8) 1/2"	SLEEVE, STRIP OR MASTIC			X	X	X		X	
TYPE 3 HUGGER COUPLING BAND	2 3/8" x 1/2" & 3" x 1"	12"-48" (GALV.)	7 1/2" (STRAP)	(2) 6" x 1/2"	O-RING	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	54"-96" (GALV.)	10 1/2" (2 STRAP)	(4) 6" x 5/8"	O-RING	X	X		X	X	X	X	
	2 3/8" x 1/2" & 3" x 1"	102"-144" (GALV.)	12" (3 STRAP)	(6) 6" x 7/8"	O-RING	X	X		X	X	X	X	

* WATERTIGHT BANDS ARE NOT REQUIRED ON CULVERT INSTALLATIONS UNLESS SPECIFIED BY THE PLANS OR SPECIAL PROVISIONS

ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

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STANDARD DRAWING

**CORRUGATED METAL PIPE
WATERTIGHT COUPLING BANDS**

English

STANDARD DRAWING NO.
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SHEET 2 OF 2

