STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Ninth Edition, 2020.

DESIGN LOADING

Live Load ..... HL - 93

TRAFFIC DATA

	I-95 Northbound	I-95 Southbound	Route 157
Current (2024) AADT	3000	3250	5130
Future (2044) AADT	3330	3610	5640
DHV - % of AADT	11%	11%	10%
Design Hour Volume	366	397	564
Heavy Trucks (% of AADT)	22%	22%	17%
Heavy Trucks (% of DHV)	12%	12%	13%
Directional Distribution (% of DHV)	100%	100%	51%
18 kip Equivalent P 2.0	1030	1201	619
18 kip Equivalent P 2.5	982	1144	590
Design Speed (mph)	75 MPH	75 MPH	45 MPH

MATERIALS

Concrete:
- Curbs ..... Class "LP"
- All Other ..... Class "A"

Reinforcing Steel:
- Low-Carbon Chromium ..... ASTM A1035-CS, Grade 100
- Plain ..... ASTM A 615/A 615M, Grade 60

Structural Steel:
- All Material (except as noted) ..... ASTM A 709, Grade 50
- High Strength Bolts ..... ASTM F 3125, Grade A 325, Type 1 H.D.G.

BASIC DESIGN STRESSES

Concrete:
- Class A ..... f 'c = 4000 psi
- Class LP ..... f 'c = 5000 psi

Reinforcing Steel (Plain) ..... f y = 60,000 psi
Reinforcing Steel (Low-Carbon Chromium) ..... f y = 100,000 psi

Structural Steel:
- ASTM A 709, Grade 50, Painted ..... Fy=50,000 psi
- ASTM F 3125, Grade A 325, Type 1 H.D.G. ..... F μ = 120,000 psi

UTILITIES

Charter Communications
FirstLight
Versant Power
Consolidated Communications

MAINTENANCE OF TRAFFIC

BR 6141 - Staged construction with alternating one-way traffic using temporary traffic signals.

BR 1410, 1411, 6077, & 6078 - Maintain one lane of interstate thru traffic in both northbound and southbound directions with the use of median crossovers.

MEDWAY
PENOBSCOT COUNTY
INTERSTATE 95

I-95 SB VAUGHAN DAGGETT MEMORIAL BRIDGE #1410
FEDERAL AID PROJECT NO. 2563101 - PROJECT LENGTH 0.2 mi.

I-95 NB VAUGHAN DAGGETT MEMORIAL BRIDGE #6078
FEDERAL AID PROJECT NO. 2563102 - PROJECT LENGTH 0.2 mi.

ROUTE 157/ I-95 INTERCHANGE BRIDGE #6141
FEDERAL AID PROJECT NO. 2563103 - PROJECT LENGTH 0.1 mi.

I-95 SB / ROUTE 116 BRIDGE #1411
FEDERAL AID PROJECT NO. 2563104 - PROJECT LENGTH 0.023 mi.

I-95 NB / ROUTE 116 BRIDGE #6077
FEDERAL AID PROJECT NO. 2563105 - PROJECT LENGTH 0.023 mi.

LIST OF DRAWINGS

Title Sheet 1
Estimated Quantities 2-3
General Notes 4
I-95 General Plans 5-9
Final I-95 Profiles 10-15
I-95 Typical Sections 16-17
Cross-Sections - I-95 Final Northbound 18-30
Cross-Sections - I-95 Final Southbound 31-42
Cross-Sections - Emergency Cross Over 43-44

Temporary Typical Sections 45
Traffic Control Plans (Northbound Crossover) 46-52
Profiles (Northbound Crossovers) 53-55
Cross-Sections - Northbound Crossover, South 56-69
Cross-Sections - Northbound Crossover, North 70-83
Cross-Sections - Temporary Northbound Off Ramp 84-87

Traffic Control Plans (Southbound Crossover) 88-94
Profiles (Southbound Crossovers) 95-96
Cross-Sections - Southbound Crossover, South 97-107
Cross-Sections - Southbound Crossover, North 108-118

Vaughan Daggett Memorial Bridges -
WIN(s) 25631.01 & 25631.02 (Bridge #1410 & #6078)
- Abutment Modifications 119-121
- Wingwall Modifications 122
- Bearing Details 123
- Key Plan & Shear Connector Layout 124
- Superstructure Plans & Details 125-129
- Transverse Section 130
- Deck Reinforcing 131-132
- Expansion Joint Details 133-134
- Reinforcing Steel Schedule 135

Interstate 95 Over Route 116 Bridges -
WIN(s) 25631.04 & 25631.05 (Bridge #1411 & #6077)
- Abutment Modifications 136-137
- Wingwall Modifications 138
- Bearing Details 139
- Key Plan & Shear Connector Layout 140
- Structural Steel Details 141
- Superstructure Plan 142
- Transverse Section 143
- Deck Reinforcing 144
- Superstructure Details 145
- Reinforcing Steel Schedule 146

Route 157 General Plan 147
Route 157 Profile 148
Route 157 Typical Sections 149
Staged Construction 150
Traffic Control Plans (Interchange) 151-154

Route 157 / Interstate 95 Interchange Bridge -
WIN 25631.03 (Bridge #6141)
- Abutment Modifications 155-156
- Wingwall Modifications 157
- Key Plan & Shear Connector Layout 158
- Structural Steel Details 159
- Superstructure Plan 160-161
- Transverse Section 162
- Deck Reinforcing 163-164
- Superstructure Details 165
- Reinforcing Steel Schedule 166

Snow Fence Details 167
Detour Plan 168

PROJECT LOCATION	I-95 SB Vaughan Daggett Memorial Bridge over Penobscot River (#1410) - Lat./Long. 45° 36' 09.51" N 68° 31' 42.50" W I-95 NB Vaughan Daggett Memorial Bridge over Penobscot River (#6078) - Lat./Long. 45° 36' 08.54" N 68° 31' 41.28"W Route 157/ I-95 Interchange Bridge (#6141) - Lat./Long. 45° 36' 25.44" N 68° 31' 19.90" W I-95 SB over Route 116 (#1411) - Lat./Long. 45°36'03.55" N 68° 31' 50.60" W I-95 NB over Route 116 (#6077) - Lat./Long. 45° 36' 02.79" N 68° 31' 49.13" W45°
PROGRAM AREA	Bridge
OUTLINE OF WORK	Bridge Deck Replacements

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER: DATE 10-6-23
CHIEF ENGINEER: DATE 10-5-2023

STATE OF MAINE * THERESA D MCAULIFFE No. 13046 LICENSED PROFESSIONAL ENGINEER *
SIGNATURE 13046
P.E. NUMBER 10-5-2023
DATE

PROJECT INFORMATION

PROGRAM	Bridge Program
PROJECT MANAGER	Julie Brosk
DESIGNER	
CONSULTANT	MCFARLAND JOHNSON, INC.
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 25631.00
2563100

MEDWAY
I-95 SB & NB/ROUTE 116, VAUGHAN DAGGETT MEMORIAL BRIDGES,
ROUTE 157 OVER I-95 INTERCHANGE BRIDGE

TITLE SHEET

SHEET NUMBER 1
OF 168

Username: emorrison
Date:10/5/2023
Division:
Filename:\Sheet Files\001_Title.dgn

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\002_Estimated Quantities.dgn

ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION		BR # 1410 WIN 25631.01	BR # 6078 WIN 25631.02	BR # 6141 WIN 25631.03	BR # 1411 WIN 25631.04	BR # 6077 WIN 25631.05	Total Quantity	UNIT
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR: SB VDM BRIDGE	1,430 CY	1	0	0	0	0	1	LS
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR: NB VDM BRIDGE	1,430 CY	0	1	0	0	0	1	LS
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR: RTE 157 BRIDGE	375 CY	0	0	1	0	0	1	LS
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR: SB RTE 116 BRIDGE	160 CY	0	0	0	1	0	1	LS
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR: NB RTE 116 BRIDGE	160 CY	0	0	0	0	1	1	LS
202.12	REMOVE EXISTING STRUCTURAL CONCRETE		170	170	82	65	62	549	CY
202.13	REMOVE EXISTING RAILINGS (RETAINED BY DEPARTMENT)		2200	2200	720	250	250	5620	LF
202.202	REMOVING PAVEMENT SURFACE		12000	12000	670	12000	12000	48670	SY
202.205	RUMBLE STRIPS- SHOULDER		650	650	0	650	650	2600	LF
203.20	COMMON EXCAVATION		830	830	130	860	860	3510	CY
203.24	COMMON BORROW		870	870	18	870	870	3498	CY
203.25	GRANULAR BORROW		210	210	110	74	75	679	CY
206.082	STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES, PLAN QUANTITY		220	220	110	110	110	770	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL		920	920	98	960	960	3858	CY
403.2081	HOT MIX ASPHALT - 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)		940	940	170	680	680	3410	T
403.211	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE (SHIMMING)		25	25	0	25	25	100	T
403.2131	HOT MIX ASPHALT - 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE, POLYMER MODIFIED)		580	590	180	350	370	2070	T
409.15	BITUMINOUS TACK COAT, APPLIED		710	710	390	460	460	2730	G
461.131	TEMPORARY PAVEMENT		270	270	16	270	270	1096	T
502.21	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS		110	110	49	29	29	327	CY
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES: SB VDM BRIDGE	1,030 CY	1	0	0	0	0	1	LS
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES: NB VDM BRIDGE	1,030 CY	0	1	0	0	0	1	LS
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES: RTE 157 BRIDGE	320 CY	0	0	1	0	0	1	LS
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES: SB RTE 116 BRIDGE	140 CY	0	0	0	1	0	1	LS
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLAB ON STEEL BRIDGES: NB RTE 116 BRIDGE	140 CY	0	0	0	0	1	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB: SB VDM BRIDGE	24 CY	1	0	0	0	0	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB: NB VDM BRIDGE	24 CY	0	1	0	0	0	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB: ROUTE 157 BRIDGE	23 CY	0	0	1	0	0	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB: SB ROUTE 116 BRIDGE	30 CY	0	0	0	1	0	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB: NB ROUTE 116 BRIDGE	30 CY	0	0	0	0	1	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS: SB VDM BRIDGE	140 CY	1	0	0	0	0	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS: NB VDM BRIDGE	140 CY	0	1	0	0	0	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS: ROUTE 157 BRIDGE	47 CY	0	0	1	0	0	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS: SB ROUTE 116 BRIDGE	18 CY	0	0	0	1	0	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS: NB ROUTE 116 BRIDGE	18 CY	0	0	0	0	1	1	LS
502.77	FRP BRIDGE DRAIN, TYPE F		22	22	4	0	0	48	EA
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED		3900	3900	3650	4750	4750	20950	LB
503.13	REINFORCING STEEL, PLACING		3900	3900	3650	4750	4750	20950	LB
503.17	MECHANICAL WELDED SPLICE		0	0	1400	0	0	1400	EA
503.19	LOW-CARBON CHROMIUM REINFORCEMENT, FABRICATED AND DELIVERED		387900	388800	118800	52100	52200	999800	LB
503.20	LOW-CARBON CHROMIUM REINFORCEMENT, PLACING		387900	388800	118800	52100	52200	999800	LB
504.70	STRUCTURAL STEEL FABRICATED AND DELIVERED: ROUTE 157 BRIDGE	1,500 LB	0	0	1	0	0	1	LS
504.70	STRUCTURAL STEEL FABRICATED AND DELIVERED: NB ROUTE 116 BRIDGE	370 LB	0	0	0	0	1	1	LS
504.71	STRUCTURAL STEEL ERECTION: ROUTE 157 BRIDGE	1,500 LB	0	0	1	0	0	1	LS
504.71	STRUCTURAL STEEL ERECTION: NB ROUTE 116 BRIDGE	370 LB	0	0	0	0	1	1	LS
505.08	SHEAR CONNECTORS: SB VDM BRIDGE	13,208 EA	1	0	0	0	0	1	LS
505.08	SHEAR CONNECTORS: NB VDM BRIDGE	13,208 EA	0	1	0	0	0	1	LS
505.08	SHEAR CONNECTORS: ROUTE 157 BRIDGE	9,255 EA	0	0	1	0	0	1	LS
505.08	SHEAR CONNECTORS: SB ROUTE 116 BRIDGE	4,374 EA	0	0	0	1	0	1	LS
505.08	SHEAR CONNECTORS: NB ROUTE 116 BRIDGE	4,374 EA	0	0	0	0	1	1	LS
506.1775	FIELD PAINTING, NEW AND EXISTING STEEL WITH ZINC RICH PAINT: ROUTE 157 BRIDGE	35 SF	0	0	1	0	0	1	LS
506.1775	FIELD PAINTING, NEW AND EXISTING STEEL WITH ZINC RICH PAINT: NB ROUTE 116 BRIDGE	5 SF	0	0	0	0	1	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR: SB VDM BRIDGE	2,180 LF	1	0	0	0	0	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR: NB VDM BRIDGE	2,180 LF	0	1	0	0	0	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR: ROUTE 157 BRIDGE	745 LF	0	0	1	0	0	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR: SB ROUTE 116 BRIDGE	275 LF	0	0	0	1	0	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR: NB ROUTE 116 BRIDGE	275 LF	0	0	0	0	1	1	LS
507.0822	STEEL APPROACH RAILING: 3-BAR		4	4	4	4	4	20	EA
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE: SB VDM BRIDGE	3,825 SY	1	0	0	0	0	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE: NB VDM BRIDGE	3,825 SY	0	1	0	0	0	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE: ROUTE 157 BRIDGE	1,250 SY	0	0	1	0	0	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE: SB ROUTE 116 BRIDGE	555 SY	0	0	0	1	0	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE: NB ROUTE 116 BRIDGE	555 SY	0	0	0	0	1	1	LS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105
WIN 25631.01, 25631.02, 25631.03, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078, 6141 BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES,
I-95 SB & NB OVER ROUTE 116,
& ROUTE 157 INTERCHANGE BRIDGE
BRIDGE NOS. 1410, 6078, 1411, 6077, 6141
MEDWAY PENOBSCOT COUNTY

ESTIMATED QUANTITIES

SHEET NUMBER
2
OF 168

ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION		BR # 1410 WIN 25631.01	BR # 6078 WIN 25631.02	BR # 6141 WIN 25631.03	BR # 1411 WIN 25631.04	BR # 6077 WIN 25631.05	Total Quantity	UNIT
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES: SB VDM BRIDGE	1,200 SY	1	0	0	0	0	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES: NB VDM BRIDGE	1,200 SY	0	1	0	0	0	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES: ROUTE 157 BRIDGE	1,090 SY	0	0	1	0	0	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES: SB ROUTE 116 BRIDGE	480 SY	0	0	0	1	0	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES: NB ROUTE 116 BRIDGE	490 SY	0	0	0	0	1	1	LS
518.60	REPAIR OF VERTICAL SURFACES < 8 INCHES		17	18	0	0	0	35	SF
520.21	EXPANSION DEVICE - GLAND SEAL		0	0	2	0	0	2	EA
520.22	EXPANSION DEVICE - COMPRESSION SEAL		0	0	0	1	1	2	EA
521.23	EXPANSION DEVICE - FINGER JOINT		2	2	0	0	0	4	EA
523.52	BEARING INSTALLATION		0	1	0	12	12	25	EA
523.5304	STEEL BEARINGS, EXPANSION, ROCKER		0	1	0	0	0	1	EA
523.5401	LAMINATED ELASTOMERIC BEARINGS, FIXED		0	0	0	6	6	12	EA
523.5402	LAMINATED ELASTOMERIC BEARINGS, EXPANSION		0	0	0	6	6	12	EA
524.301	TEMPORARY STRUCTURAL SUPPORT (BEARING REPLACEMENT) NB VDM BRIDGE		0	1	0	0	0	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT (BEARING REPLACEMENT) SB ROUTE 116 BRIDGE		0	0	0	1	0	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT (BEARING REPLACEMENT) NB ROUTE 116 BRIDGE		0	0	0	0	1	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT APPROACHES, ROUTE 157 BRIDGE		0	0	1	0	0	1	LS
524.40	PROTECTIVE SHIELD SB VDM BRIDGE	2,305 SF	1	0	0	0	0	1	LS
524.40	PROTECTIVE SHIELD NB VDM BRIDGE	2,305 SF	0	1	0	0	0	1	LS
524.40	PROTECTIVE SHIELD ROUTE 157 BRIDGE	5,115 SF	0	0	1	0	0	1	LS
524.40	PROTECTIVE SHIELD SB ROUTE 116 BRIDGE	3,445 SF	0	0	0	1	0	1	LS
524.40	PROTECTIVE SHIELD NB ROUTE 116 BRIDGE	3,445 SF	0	0	0	0	1	1	LS
526.301	PORTABLE CONCRETE BARRIER, TYPE I, NB & SB VDM BRIDGES, NB & SB RTE 116 BRIDGES	2,160 LF	0.25	0.25	0	0.25	0.25	1	LS
526.301	PORTABLE CONCRETE BARRIER, TYPE I , RTE 157 BRIDGE	430 LF	0	0	1	0	0	1	LS
526.305	PORTABLE CONCRETE BARRIER, BRACED TYPE I	410 LF	0	0	1	0	0	1	LS
527.33	TRUCK MOUNTED ATTENUATOR		0.5	0.5	1	0.5	0.5	3	EA
527.34	WORK ZONE CRASH CUSHION		1	1	4	1	1	8	UN
603.179	18 INCH CULVERT PIPE OPTION III		340	340	0	340	340	1360	LF
604.09	CATCH BASIN TYPE B1		0	0	0	1	1	2	EA
606.1301	31" W-BEAM GR - MID WAY SPLICE -SINGLE FACED		1050	690	310	550	550	3150	LF
606.1305	31" W-BEAM GR - MID-WAY SPLICE FLARED TERMINAL		1	1	0	1	2	5	EA
606.1721	BRIDGE TRANSITION -TYPE 1		4	4	4	4	4	20	EA
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL		0	2	0	2	0	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER		4	4	0	4	4	16	EA
606.363	GR REMOVE AND DISPOSE		79	79	0	79	79	316	LF
607.183	CHAIN LINK SNOW FENCE 33 INCH: SB VDM BRIDGE	112 LF	1	0	0	0	0	1	LS
607.183	CHAIN LINK SNOW FENCE 33 INCH: NB VDM BRIDGE	128 LF	0	1	0	0	0	1	LS
607.183	CHAIN LINK SNOW FENCE 33 INCH: ROUTE 157 BRIDGE	256 LF	0	0	1	0	0	1	LS
607.183	CHAIN LINK SNOW FENCE 33 INCH: SB ROUTE 116 BRIDGE	96 LF	0	0	0	1	0	1	LS
607.183	CHAIN LINK SNOW FENCE 33 INCH: NB ROUTE 116 BRIDGE	96 LF	0	0	0	0	1	1	LS
609.34	RESET CURB TYPE 5		0	0	79	0	0	79	LF
610.08	PLAIN RIPRAP		110	120	0	24	24	278	CY
613.319	EROSION CONTROL BLANKET		130	130	0	130	130	520	SY
615.10	DIRTY BORROW		550	550	0	550	550	2200	CY
618.14	SEEDING METHOD NUMBER 2		25	25	0	25	25	100	UN
619.12	MULCH		0	0	6	0	0	6	UN
619.14	EROSION CONTROL MIX		5	5	5	5	5	25	CY
620.58	EROSION CONTROL GEOTEXTILE		120	120	0	120	120	480	SY
620.6012	HDPE GEOMEMBRANE		27	27	0	0	0	54	SY
627.18	12" SOLID WHITE PAVEMENT MARKING		320	320	48	320	320	1328	LF
627.30	GROOVING FOR PAVEMENT MARKING		6300	6250	0	6300	6250	25100	SF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE		0	0	2100	0	0	2100	LF
627.744	6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE		6300	6250	0	6300	6250	25100	LF
627.77	REMOVE PAVEMENT MARKINGS		940	940	110	940	940	3870	SF
627.78	TEMPORARY 4" PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW		0	0	280	0	0	280	LF
627.781	TEMPORARY 6" PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW		7500	7500	0	7500	7500	30000	LF
629.05	HAND LABOR, STRAIGHT TIME		25	25	25	25	25	125	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)		5	5	5	5	5	25	HR
631.11	AIR TOOL (INCLUDING OPERATOR)		5	5	5	5	5	25	HR
631.12	ALL-PURPOSE EXCAVATOR (INCLUDING OPERATOR)		25	25	25	25	25	125	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)		25	25	25	25	25	125	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)		25	25	25	25	25	125	HR
639.18	FIELD OFFICE TYPE A		0.2	0.2	0.2	0.2	0.2	1	EA

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.03, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078, 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES,
I-95 SB & NB OVER ROUTE 116,
& ROUTE 157 INTERCHANGE BRIDGE
BRIDGE NOS. 1410, 6078, 1411, 6077, 6141
MEDWAY PENOBSCOT COUNTY

ESTIMATED QUANTITIES

SHEET NUMBER

3

OF 168

Filename: ...\003_Estimated Quantities.dgn Division: Username: jfitzpatrick Date:10/3/2023

ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	BR # 1410 WIN 25631.01	BR # 6078 WIN 25631.02	BR # 6141 WIN 25631.03	BR # 1411 WIN 25631.04	BR # 6077 WIN 25631.05	Total Quantity	UNIT
643.72	TEMPORARY TRAFFIC SIGNAL	0	0	1	0	0	1	LS
644.31	GLARE SCREEN - TEMPORARY	225	225	0	225	225	900	LF
652.30	FLASHING ARROW BOARD	0.5	0.5	2	0.5	0.5	4	EA
652.312	TYPE III BARRICADE	3	3	6	3	3	18	EA
652.33	DRUM	90	90	40	90	90	400	EA
652.34	CONE	0	0	30	0	0	30	EA
652.35	CONSTRUCTION SIGNS	150	150	420	150	150	1020	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES 668 CD	0.2	0.2	0.2	0.2	0.2	1	LS
652.38	FLAGGERS	30	30	60	30	30	180	HR
652.41	PORTABLE-CHANGEABLE MESSAGE SIGN	0.5	0.5	2	0.5	0.5	4	EA
652.45	AUTOMATED TRAILER MOUNTED SPEED LIMIT SIGN	0	0	2	0	0	2	UN
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	0.2	0.2	0.2	0.2	0.2	1	LS
659.10	MOBILIZATION	0.2	0.2	0.2	0.2	0.2	1	LS

GENERAL CONSTRUCTION NOTES

1. Approximate Right-Of-Way lines were developed from record plans and are shown on the plans. All work shall remain within the existing Right-Of-Way.
2. The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to the Contract items.
3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
4. Existing signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.
5. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
6. In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.
7. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by Resident.
8. Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Pay Item 619.14, Erosion Control Mix.
9. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each leading end section of beam guardrail.
10. Where it is apparent that runoff will cause continual erosion, Erosion Control Blanket, seeded gutters, or riprap downspouts shall be constructed after paving and shoulder work is completed. Payment will be made under the appropriate Contract items.
11. Protective Coating for Concrete Surfaces shall be applied to the following areas:

    All exposed surfaces of concrete curbs.
    Fascias down to the drip notch.
    Top of abutment backwalls and wingwalls, and
    To one foot below the ground on vertical walls against earth.
    Additionally, For Bridges 1411, 6077, and 6141, all exposed surfaces of the Pier caps and columns.

12. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/
13. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.
14. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:

    a. If a Lump Sum pay item is eliminated, the requirements of Standard Specification Section 109.2, Elimination of Items, will take precedence.

    b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

    c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation and Time.

15. All costs for cofferdams, including pumping, maintenance, related temporary soil erosion and water pollution controls, and removal, will not be paid for directly, but will be considered incidental to related Contract items.
16. The Contractor shall submit Bridge Demolition Plans for each bridge to the Resident at least 10 business days prior to the start of demolition work. The plan shall outline the methods and equipment to be used to remove and dispose of all materials included in the existing bridge decks, portions of abutments and wingwalls, and identified end diaphragms and bearings. No work related to the removal of the bridge decks shall be undertaken by the Contractor until MaineDOT has reviewed the Bridge Demolition Plans for appropriateness and completeness. Payment for all work necessary for developing, submitting and finalizing the Bridge Demolition Plans will be considered incidental to the appropriate bridge removal pay items.
17. The existing bridge components to be removed shall be removed by and become the property of the Contractor. The steel portions of the existing bridges may be coated with a lead-based paint system. The Contractor is responsible for the containment, proper management and disposal of hazardous waste generated by the process of demolishing the existing decks, modifications of structural steel, and installation of shear studs. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to these processes. Once the existing bridge components are removed, the Contractor is solely responsible for the care, custody, and control of the components of the existing bridges and any hazardous water generated as a result of the storage, recycling, or disposal of the bridge components, including lead-coated steel. The Contractor shall recycle or reuse the steel in accordance with the Maine Department of Environmental Protection's "Maine Hazardous Waste Management Regulations," Chapter 850. A copy of this regulation is available at MaineDOT's offices on Child Street in Augusta. Payment for all labor, materials, equipment, and other costs required to remove and dispose of the existing bridges will be considered incidental to the bridge removal pay items.
18. Inlets and outlets of all culverts shall be riprapped unless otherwise noted on the Plans or directed by the Resident.
19. Where a joint between new pavement and existing pavement is called for on the plans, the existing pavement shall be sawcut along a smooth line to a neat, even, vertical joint as directed by the Resident. Broken or raveled edges will not be permitted. All work necessary for the preparation of this joint will be considered incidental to the related contract items.
20. All existing delineators and mile marker posts on I-95 which are impacted shall be removed and reset. Payment for removing and resetting delineators and mile marker posts shall be incidental to the Contract.
21. All temporary roadways, including temporary widening of the interstate and median crossover construction, shall be constructed with a minimum 4" hot mix asphalt and 12" aggregate subbase course gravel.
22. Payment for removing and resetting existing guardrail for Contractor access shall be incidental to related Contract items.
23. Relocating existing overhead and ground mounted signs during traffic control phasing will not be measured but shall be considered incidental to the various contract items. Signs temporarily relocated within 30' of an active travel way shall have breakaway devices or be protected with portable concrete barrier. Temporary sign supports shall meet the requirements of Specification Section 652.
24. Prior to demolishing the concrete end posts on the Vaughan Daggett Memorial Bridges #1410 and #6078 the Contractor shall coordinate the removal of the memorial plaques with the Resident and the MaineDOT Region Office. Payment shall be incidental to the Contract.
25. Payment for connections of proposed guardrail to existing guardrail will be considered incidental to related Contract items.
26. Prior to demolishing the West abutment of the Route 157/I-95 Interchange Bridge (#6141), the Contractor shall coordinate the removal and resetting of the survey control marker located on the Southwest wingwall with the Resident and the MaineDOT Property Office. Payment will be incidental to the Contract.

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE			
COMMON EXCAVATION (FROM MODEL OR PLANS)	2,507.92		
GRUBBING IN FILL	904.23		
TOTAL COMMON EXCAVATION		3,412.15	
FILL FOR BORROW CALCULATIONS			
COMMON FILL (FROM MODEL OR PLANS)	3,462.49		
GRUBBING IN FILL	904.23		
TOTAL FILL		4,366.72	
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS			
ALL DEDUCTIONS:			
GRUBBING IN CUT		736.00	
GRUBBING IN FILL		904.23	
TOTAL DEDUCTIONS			1,640.23
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS		1,771.92	
RIPRAP EXCAVATION		278.00	
TOTAL AVAILABLE NON-ROCK EXCAVATION			2,049.92
COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE			
TOTAL AVAILABLE NON-ROCK EXCAVATION	2,049.92 x 0.90	= 1,844.93	
TOTAL AVAILABLE EXCAVATION			1,844.93
BORROW NEEDED = TOTAL FILL (-) TOTAL AVAILABLE EXCAVATION			2,521.79
BORROW NEEDED (-) REQUIRED GRANULAR BORROW WITHIN FILL	2,521.79		
COMMON BORROW			**2,521.79**

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.03, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078, 6141 BRIDGE PLANS

	BY	DATE
DESIGNED - DETAILED	S. LINDSLEY	08/23
CHECKED - REVIEWED	T. MCAULIFFE	08/23
DESIGN2 - DETAILED2	N. EDMAN	08/23
DESIGN3 - DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES, I-95 SB & NB OVER ROUTE 116, & ROUTE 157 INTERCHANGE BRIDGE BRIDGE NOS. 1410, 6078, 1411, 6077, 6141

MEDWAY PENOBSCOT

ESTIMATED QUANTITIES AND GENERAL NOTES

SHEET NUMBER

4

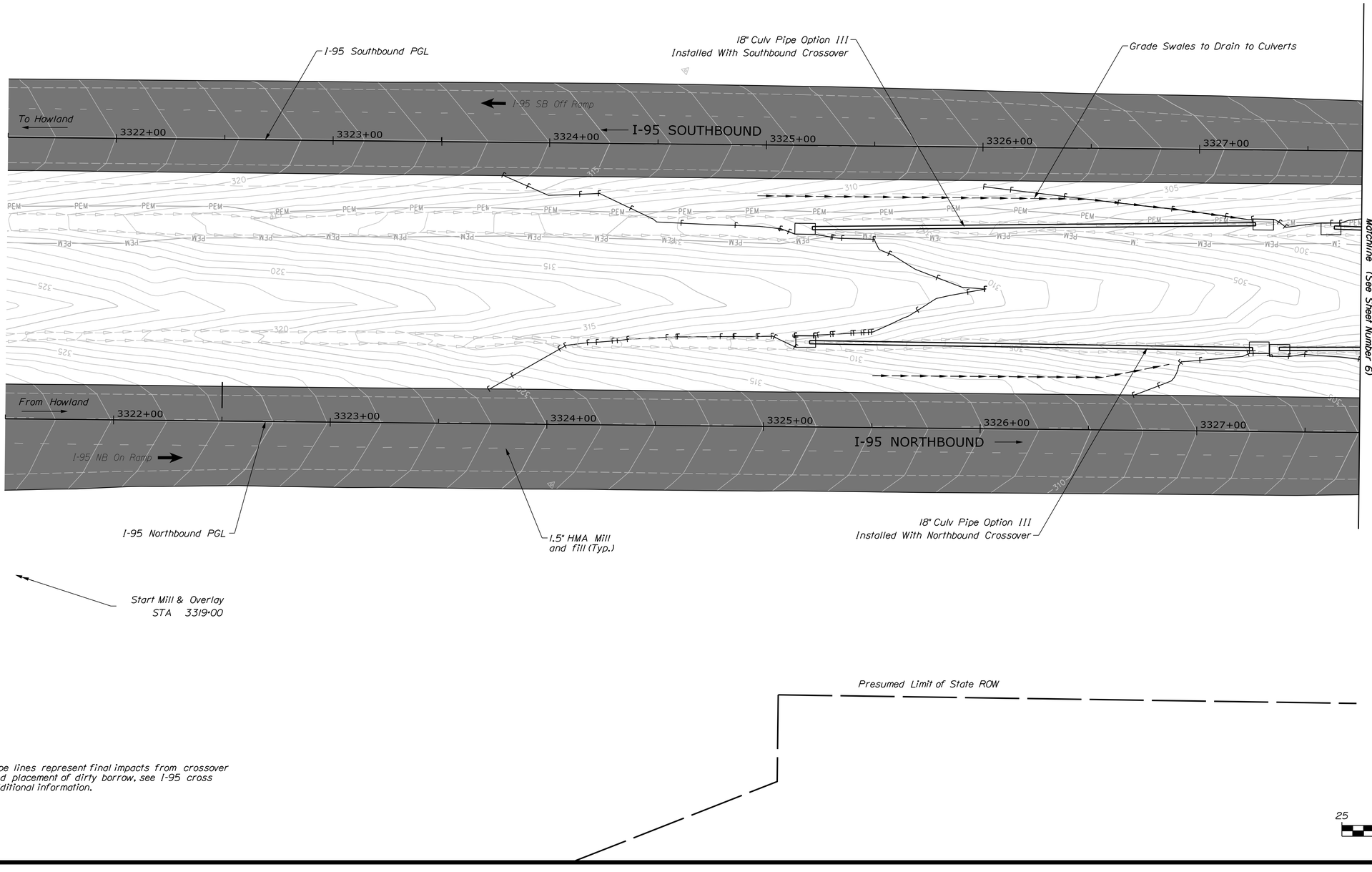
OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\004_GeneralNotes.dgn

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\004a- General Plan.dgn



NOTE

1. Proposed slope lines represent final impacts from crossover construction and placement of dirty borrow, see I-95 cross sections for additional information.

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

GENERAL PLAN

SHEET NUMBER

5

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\005_General_Plan1.dgn

Presumed Limit of State ROW

18" Culv Pipe Option III
Installed With Northbound Crossover

Grade Swales to Drain to Culverts

I-95 Southbound PGL

Guardrail Terminal End - Single Rail
Splice Sta. 3330+56.00

Guardrail Terminal
End - Single Rail
Sta. 3329+87.75

31" W-Beam Guardrail
Midway Splice (Typ.)

8°29'15" Skew
(Typ.)

121'-0"

℄ Brg. Pier 1
Sta. 3332+44.92

℄ Brg. Pier 2
Sta. 3332+87.42

℄ Brg. Abutment 1
Sta. 3332+03.42

℄ Brg. Abutment 2
Sta. 3333+24.42

54+00

I-95 SOUTHBOUND

3328+00 3329+00 3330+00 3331+00 3332+00 3333+00 3334+00

POB = STA. 0+00.00

BRIDGE NO. 1411

0+00

53+00

ROUTE 116

CB#2

18" Culv Pipe Option III
Installed With Northbound Crossover

Bridge Transition -
Type I (Typ.)

Steel Approach
Railing, 3-Bar
(Typ.)

Reconstruct Emergency
Crossover

Riprap Downspout
(Typ.)

Matchline (See Sheet Number 5)

Matchline (See Sheet Number 7)

18" Culv Pipe Option III
Installed With Southbound Crossover

CB#1

0+89

POE = STA. 0+89.03

3328+00 3329+00 3330+00 3331+00 3332+00 3333+00 3334+00

I-95 NORTHBOUND

52+00

BRIDGE NO. 6077

Install 31" W-Beam Guardrail Midway
Splice Flared Terminal
Sta. 3329+69.27

I-95 Northbound PGL

1.5" HMA Mill
and fill (Typ.)

Install 31" W-Beam Guardrail Midway
Splice Flared Terminal
Sta. 3330+19.31

℄ Brg. Abutment 1
Sta. 3332+22.81

℄ Brg. Pier 1
Sta. 3332+64.31

℄ Brg. Pier 2
Sta. 3333+06.81

℄ Brg. Abutment 2
Sta. 3333+43.81

121'-0"

8°29'15" Skew
(Typ.)

51+00

18" Culv Pipe Option III
Installed With Southbound Crossover

NOTE
1. Final mill and overlay areas of guardrail replacement to occur while crossover is in use.
2. Proposed slope lines represent final impacts from crossover construction and placement of dirty borrow, see I-95 cross sections for additional information.

Presumed Limit of State ROW

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.04 & 25631.05

WIN 25631.04 & 25631.05

BRIDGE PLANS

Bridge No. 1411 & 6077

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

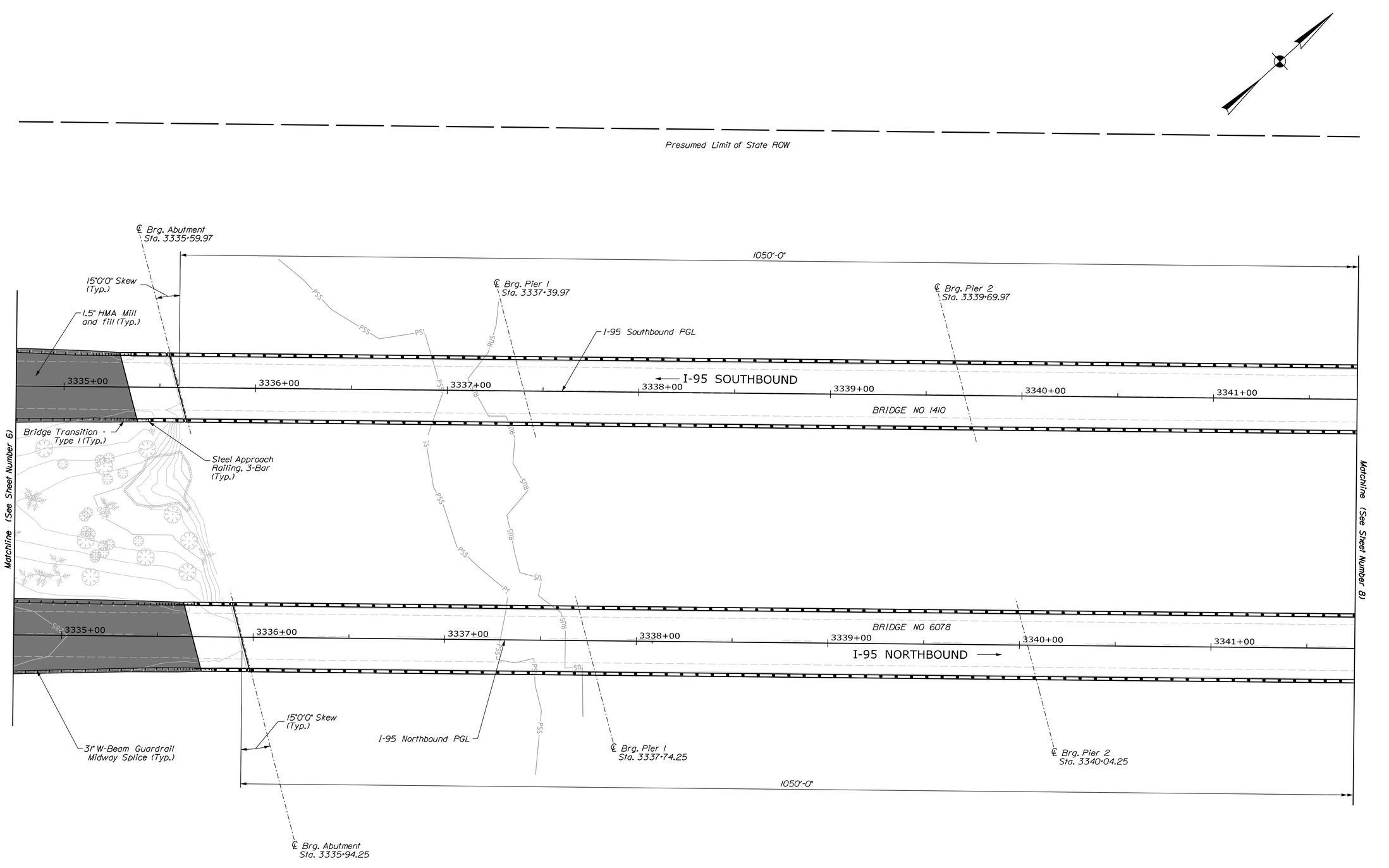
P.E. NUMBER

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

GENERAL PLAN

SHEET NUMBER
6
OF 168



NOTE

1. Final mill and overlay areas of guardrail replacement to occur while crossover is in use.
2. Proposed slope lines represent final impacts from crossover construction and placement of dirty borrow, see I-95 cross sections for additional information.

PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01 & 25631.02

WIN 25631.01 & 25631.02

Bridge No. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGE
BRIDGE NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

GENERAL PLAN

SHEET NUMBER

7

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\006_General_Plan2.dgn

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\007_General_Plan3.dgn

Presumed Limit of State ROW

1050'-0"

℄ Brg. Pier 3
Sta. 3341+99.97

℄ Brg. Pier 4
Sta. 3344+29.97

℄ Brg. Abutment 2
Sta. 3346+09.97

15°0'0" Skew
(Typ.)

I-95 Southbound PGL

3342+00 3343+00 3344+00 3345+00 3346+00 3347+00 3348+00

I-95 SOUTHBOUND

Grade Swales to
Drain to Median

Bridge Transition -
Type I (Typ.)

Steel Approach
Railing, 3-Bar
(Typ.)

24" Plain Riprap (Typ.)
With Separation Geotextile

Test Pit to Verify
Location of Underground
Fiber Optic Cable

Guardrail Terminal End -
Single Rail Sta. 3347+15.00

Matchline (See Sheet Number 7)

Matchline (See Sheet Number 9)

3342+00 3343+00 3344+00 3345+00 3346+00 3347+00 3348+00

I-95 NORTHBOUND

℄ Brg. Pier 3
Sta. 3342+34.25

I-95 Northbound PGL

℄ Brg. Pier 4
Sta. 3344+64.25

31" W-Beam Guardrail
Midway Splice (Typ.)

15°0'0" Skew
(Typ.)

1.5" HMA Mill
and fill (Typ.)

1050'-0"

℄ Brg. Abutment 2
Sta. 3346+44.25

MAIN ROAD (UNSURVEYED)

Underground Fiber
Optic Cable

Presumed Limit of State ROW

NOTE

1. Final mill and overlay areas of guardrail replacement to occur while crossover is in use.
2. Proposed slope lines represent final impacts from crossover construction and placement of dirty borrow, see I-95 cross sections for additional information.

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01 & 25631.02

WIN 25631.01 & 25631.02

Bridge No. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGE
BRIDGE NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

GENERAL PLAN

SHEET NUMBER

8

OF 168

Usernome: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\007a-General Plan.dgn

Presumed Limit of State ROW

Maintain Existing Terminal End
Sta. 3351+62.55

Start Mill & Overlay
STA 3356+50

31" W-Beam Guardrail
Midway Splice (Typ.)

I-95 Southbound PGL

18" Culv Pipe Option III
Installed With Northbound Crossover

I-95 SB On Ramp

3349+00 3350+00 3351+00 3352+00 3353+00 3354+00 3355+00

I-95 SOUTHBOUND

From Island Falls

Matchline (See Sheet Number 8)

Install 31" W-Beam Guardrail
Midway Splice Flared Terminal
Sta. 3349+89.60

265 270 275 280 210 215

3349+00 3350+00 3351+00 3352+00 3353+00 3354+00 3355+00

I-95 NORTHBOUND

To Island Falls

18" Culv Pipe Option III Installed
With Southbound Crossover

I-95 Northbound PGL

Guardrail Terminal
End - Single Rail
Sta. 3351+27.38

1.5" HMA Mill
and fill (Typ.)

I-95 NB Off Ramp

NOTE

1. Proposed slope lines represent final impacts from crossover construction and placement of dirty borrow. see I-95 cross sections for additional information.

Presumed Limit of State ROW

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	T. MCAULIFFE	08/23
DESIGN2-DETAILED2	N. EDMAN	08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

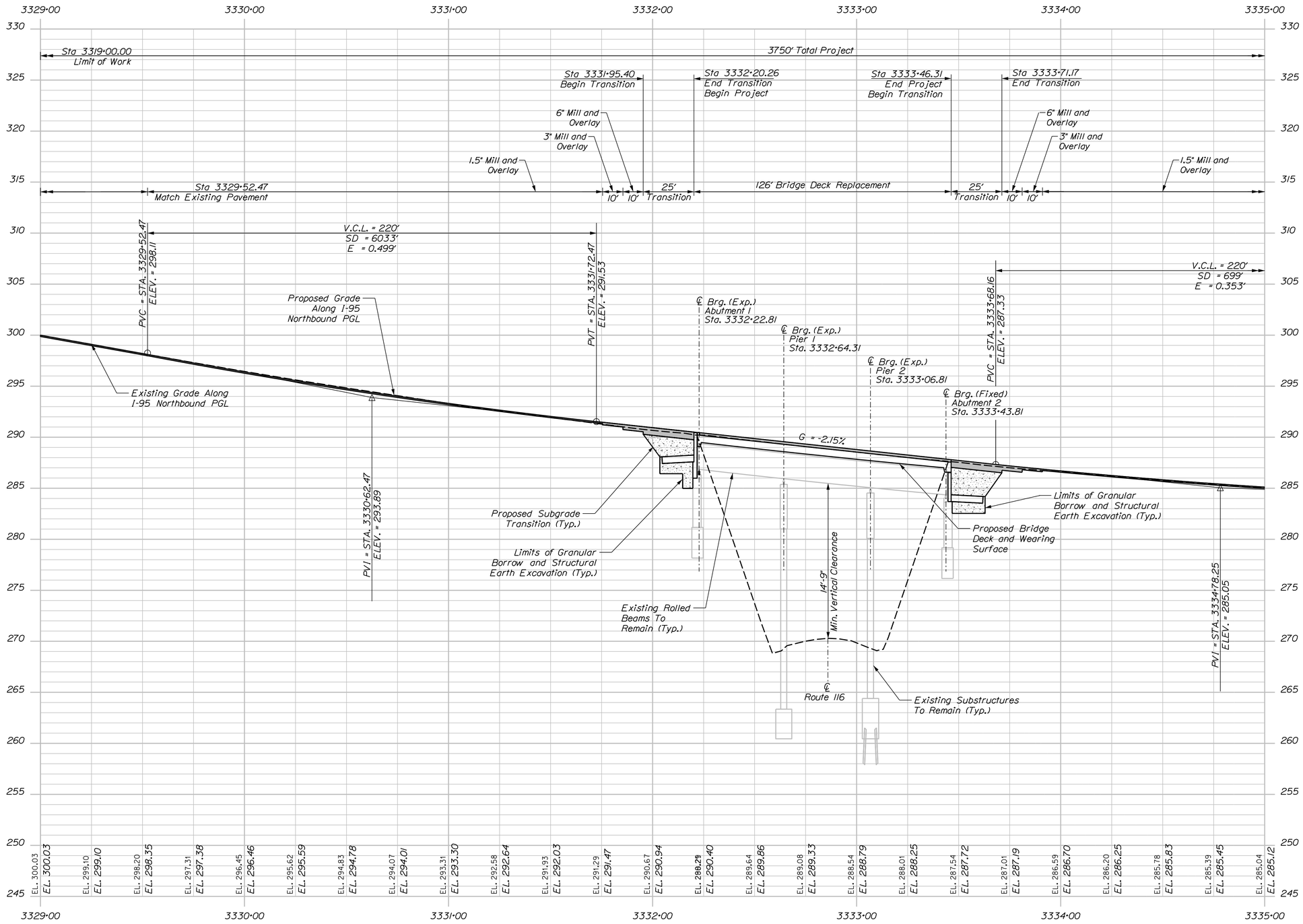
P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

GENERAL PLAN

SHEET NUMBER
9
OF 168



PROFILE
INTERSTATE 95 NORTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

Filename: ...\009_Profile_RT116_NB_Bridge_6077.dgn
Division:
Username: jfitzpatrick
Date:10/3/2023

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563105

WIN 25631.05

BRIDGE NO. 6077

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

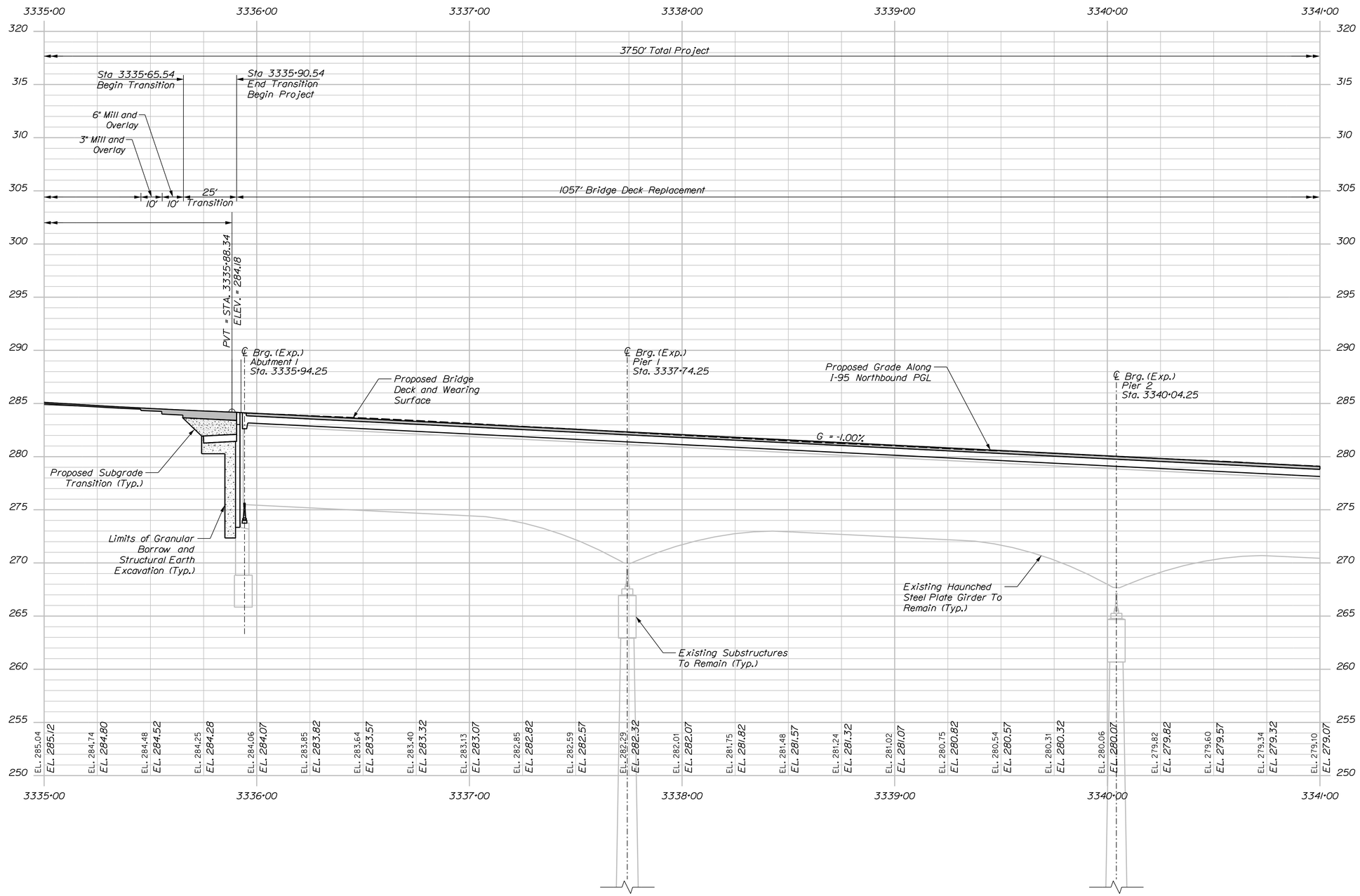
DATE

I-95 NB OVER ROUTE 116
BRIDGE NO. 6077
PENOBSCOT COUNTY
MEDWAY

PROFILE
I-95 NORTHBOUND

SHEET NUMBER
10
OF 168

Filename: ...\010_Profile_NB_Bridge_6078_VDM_1.dgn Division:
Username: jfitzpatrick Date:10/3/2023



PROFILE
INTERSTATE 95 NORTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563102

WIN 25631.02

BRIDGE NO. 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 NB VAUGHN DAGGETT MEMORIAL BRIDGE
BRIDGE NO. 6078
PENOBSCOT COUNTY
MEDWAY

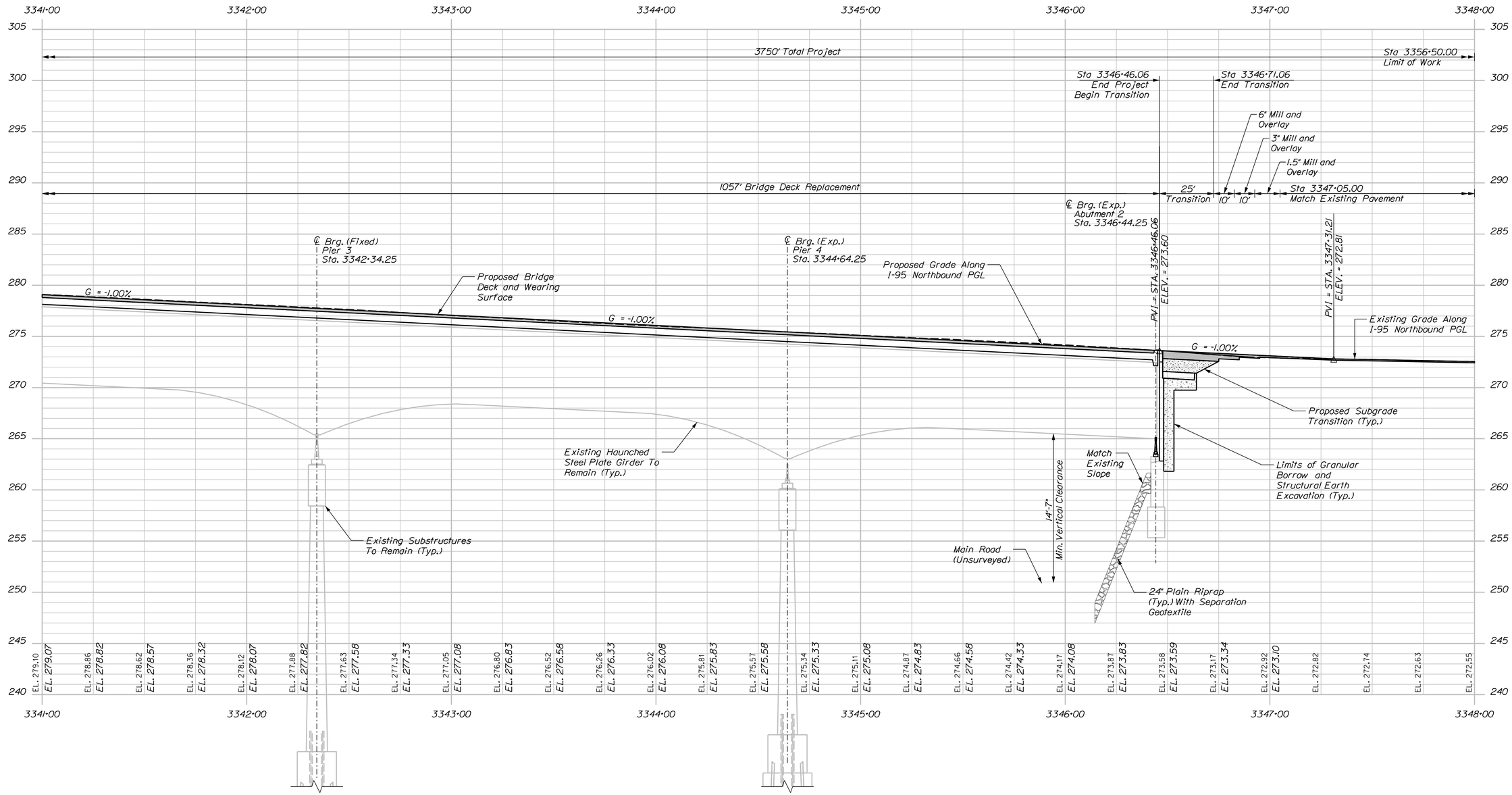
PROFILE
I-95 NORTHBOUND

SHEET NUMBER

11

OF 168

Filename: ...\011_Profile_NB_Bridge_6078_VDM_2.dgn Division: Username: jfitzpatrick Date:10/3/2023



PROFILE
INTERSTATE 95 NORTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563102

WIN 25631.02

BRIDGE NO. 6078

BRIDGE PLANS

	BY	DATE
DESIGNED	S. LINDSLEY	
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
PROJ. MANAGER	E. MORRISON	08-23
DESIGN-DETAILED	B. COLBURN	08-23
REVISIONS 1	J. FITZ	08-23
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

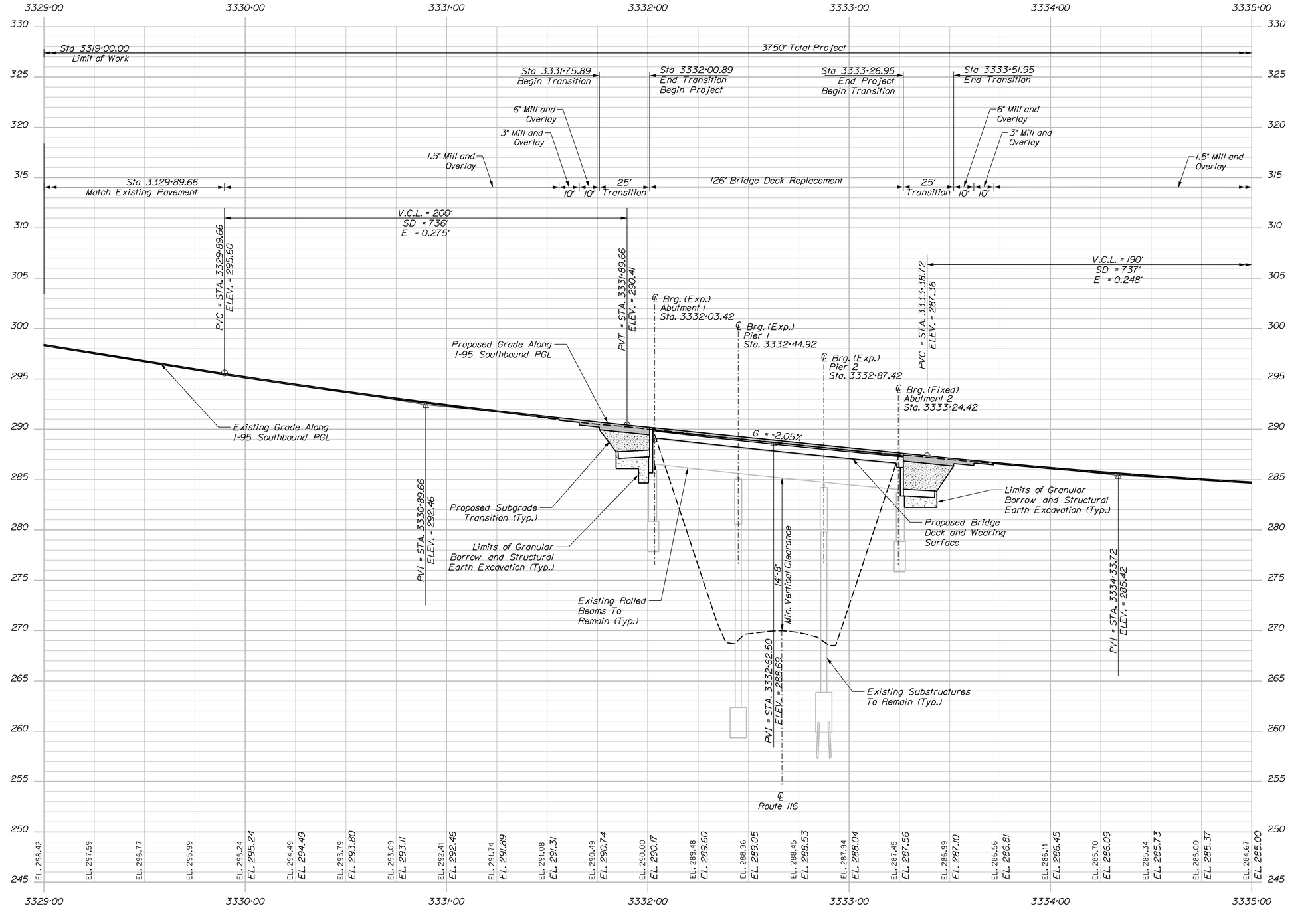
DATE

I-95 NB VAUGHN DAGGETT MEMORIAL BRIDGE
BRIDGE NO. 6078
PENOBSCOT COUNTY
MEDWAY

PROFILE
I-95 NORTHBOUND

SHEET NUMBER
12
OF 168

Username: jfitzpatrick Date:10/3/2023
Filename: ...\012_Profile_RT116_SB_Bridge_1411.dgn Division:



PROFILE
INTERSTATE 95 SOUTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104

WIN 25631.04

BRIDGE NO. 1411

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB OVER ROUTE 116
BRIDGE NO. 1411
PENOBSCOT COUNTY
MEDWAY

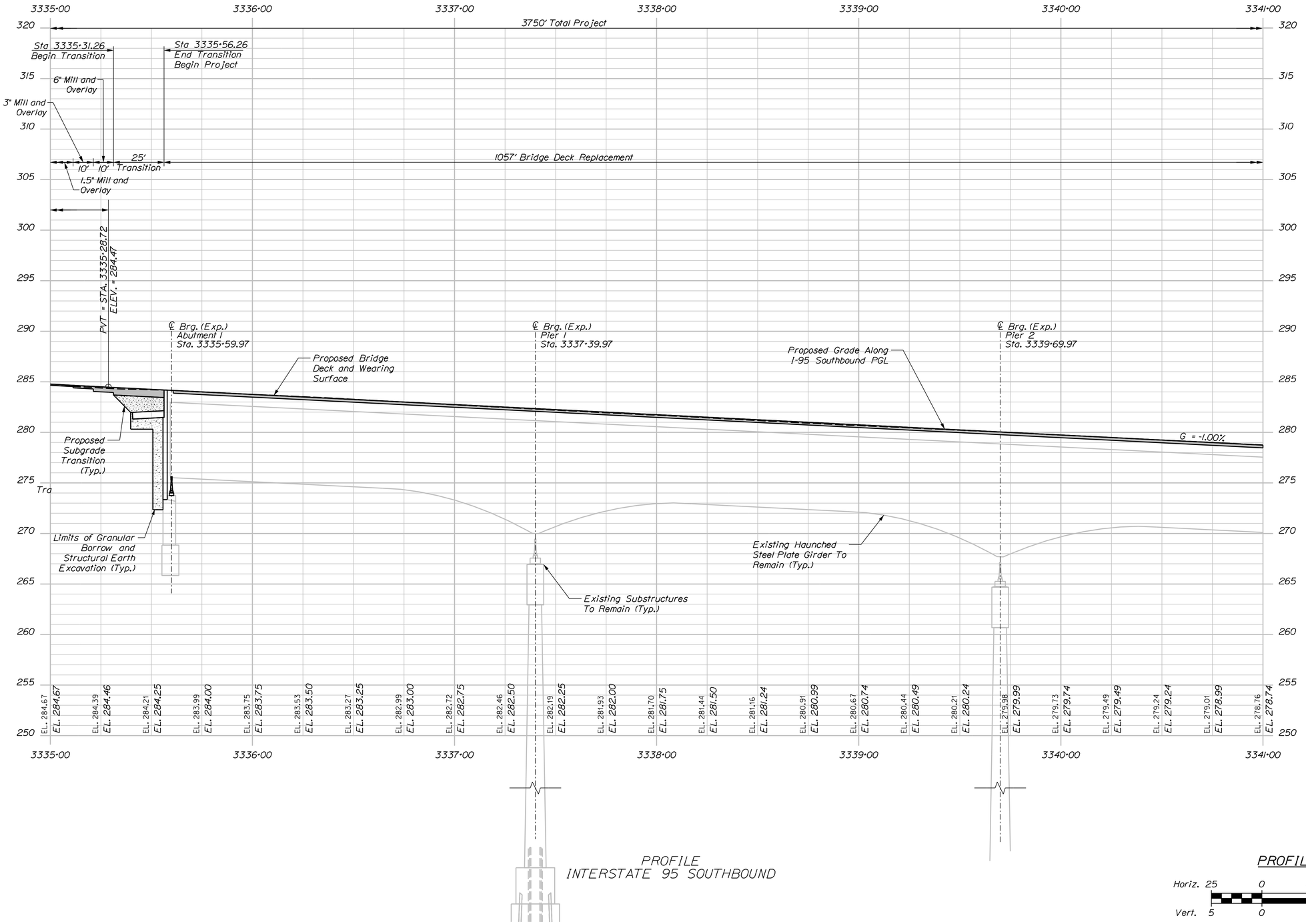
PROFILE
I-95 SOUTHBOUND

SHEET NUMBER

13

OF 168

Filename: ...\013_Profile_SB_Bridge_1410_VDM_1.dgn Division:
Username: jfitzpatrick Date:10/3/2023



PROFILE
INTERSTATE 95 SOUTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101

WIN 25631.01

BRIDGE NO. 1410

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	08/23
REVISIONS 1	N. EDMAN	08/23
REVISIONS 2	J. FITZ	08/23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB VAUGHN DAGGETT MEMORIAL BRIDGE
BRIDGE NO. 1410
PENOBSCOT COUNTY
MEDWAY

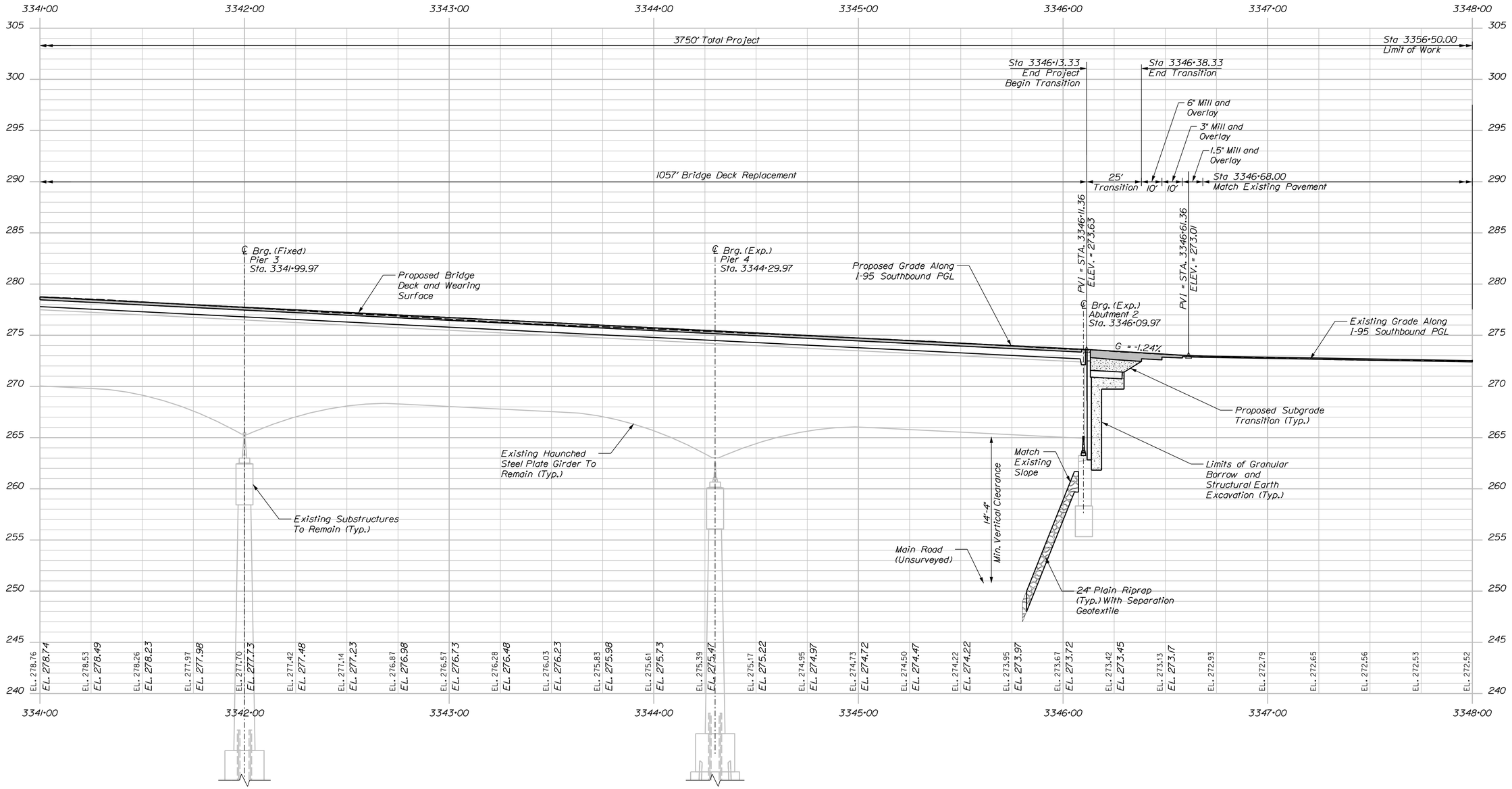
PROFILE
I-95 SOUTHBOUND

SHEET NUMBER

14

OF 168

Filename: ...\014_Profile_SB_Bridge_1410_VDM_2.dgn Division:
Username: jfitzpatrick Date:10/3/2023



PROFILE
INTERSTATE 95 SOUTHBOUND

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101

WIN 25631.01

BRIDGE NO. 1410

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

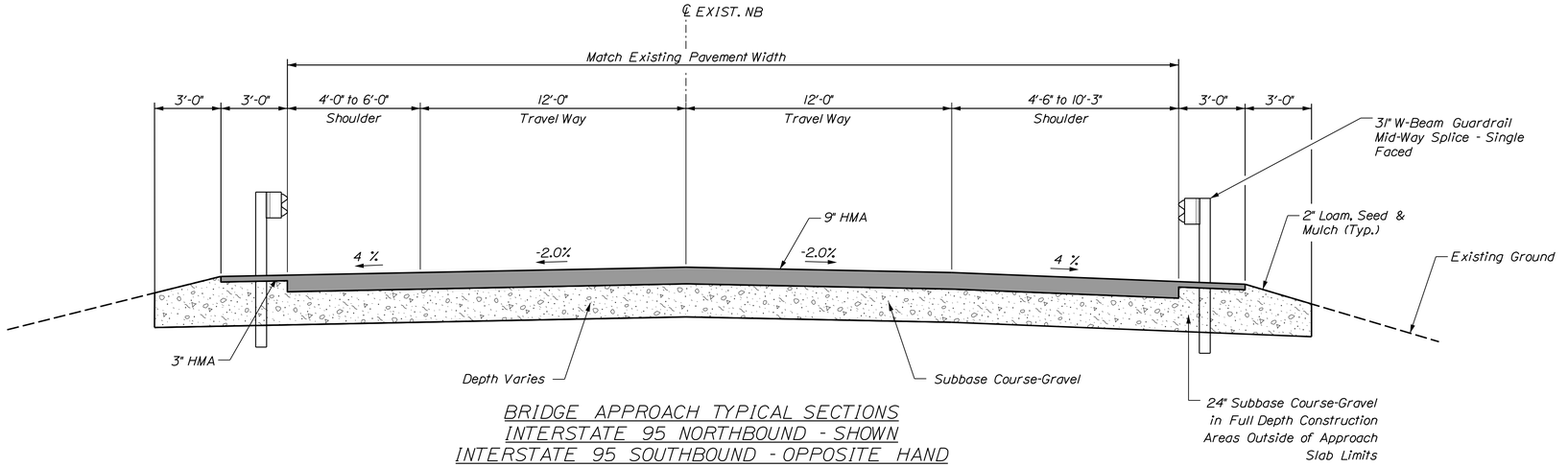
I-95 SB VAUGHN DAGGETT MEMORIAL BRIDGE
BRIDGE NO. 1410
MEDWAY PENOBSCOT COUNTY

PROFILE
I-95 SOUTHBOUND

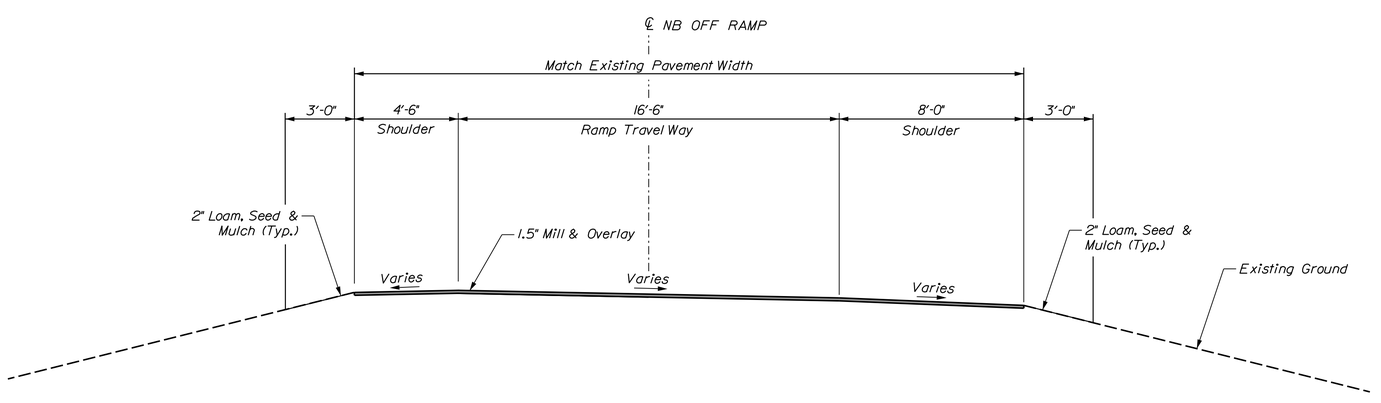
SHEET NUMBER

15

OF 168



BRIDGE APPROACH TYPICAL SECTIONS
INTERSTATE 95 NORTHBOUND - SHOWN
INTERSTATE 95 SOUTHBOUND - OPPOSITE HAND



NB OFF RAMP TYPICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 253101, 253102, 253104, 253105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

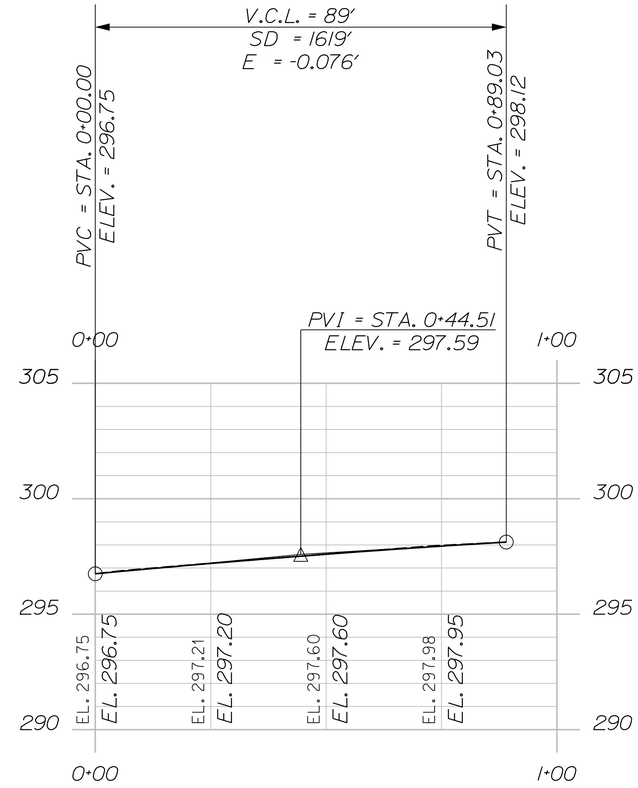
I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES,
I-95 SB & NB OVER ROUTE 116,
& ROUTE 157 INTERCHANGE BRIDGE
BRIDGE NOS. 1410, 6078, 1411, 6077, 6141
MEDWAY PENOBSCOT COUNTY

TYPICAL SECTIONS

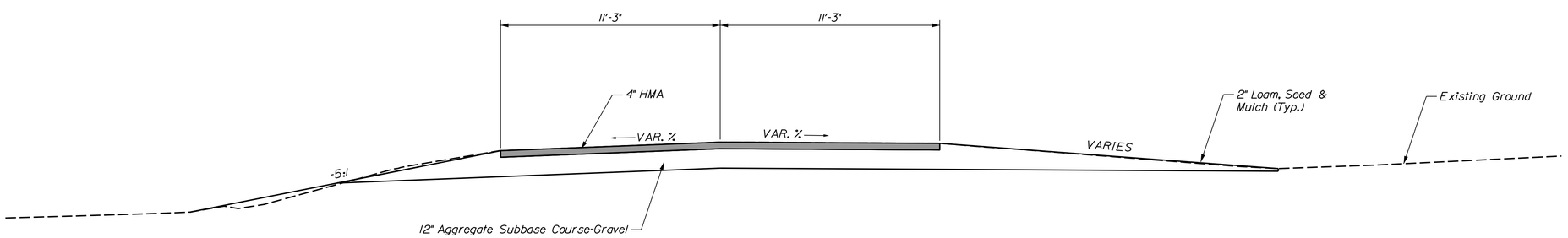
SHEET NUMBER
16
OF 168

Filename: ...\017_Typical_HW_Bridge_Approaches.dgn Division: 00 Username: jfitzpatrick Date:10/3/2023

Filename: ...\017a_Typical_Emergency XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



EMERGENCY CROSSOVER PROFILE



EMERGENCY CROSSOVER TYPICAL SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 253101, 253102, 253104, 253105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES,
I-95 SB & NB OVER ROUTE 116,
& ROUTE 157 INTERCHANGE BRIDGE
BRIDGE NOS. 1410, 6078, 1411, 6077, 6141
MEDWAY PENOBSCOT COUNTY

TYPICAL SECTIONS

SHEET NUMBER
17
OF 168

Sta. 3323+50.00 to Sta. 3324+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

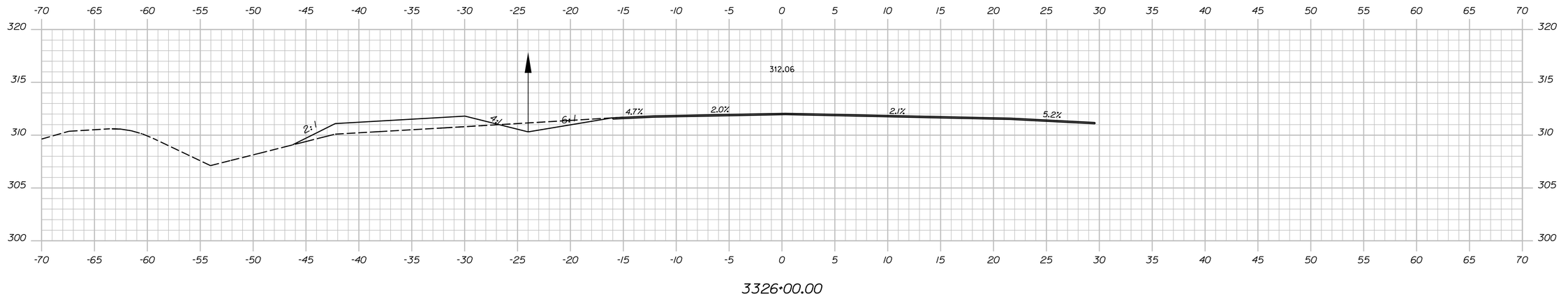
I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

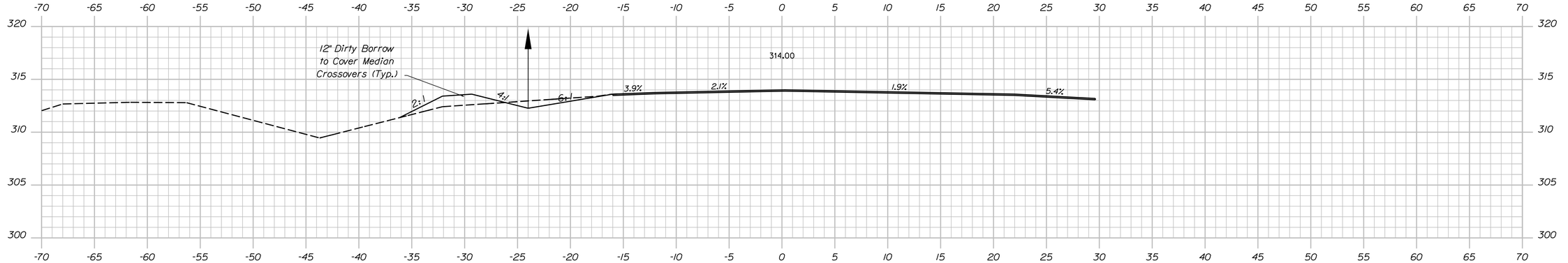
18

OF 168

Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



3326+00.00



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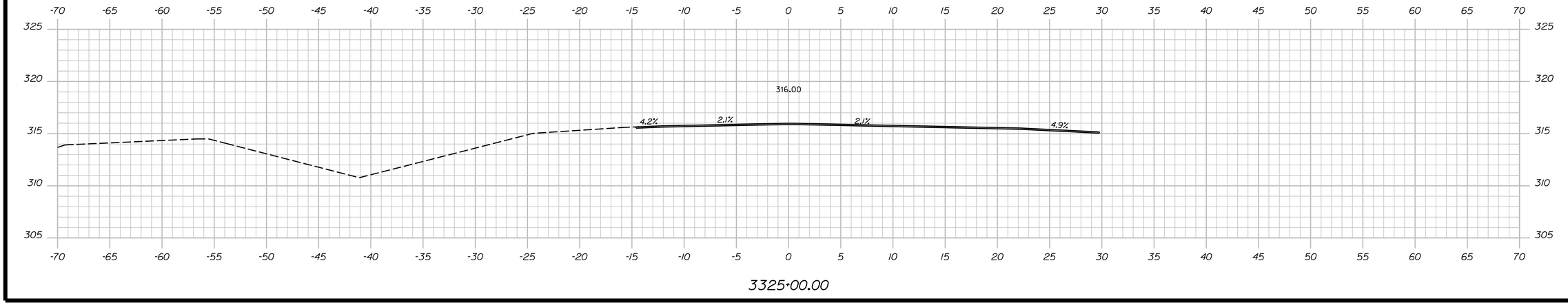


3325+00.00

Sta. 3325+00.00 to Sta. 3326+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	
DESIGN2-DETAILED2	B. COLBURN	08-23
DESIGN3-DETAILED3	N. EDMAN	
REVISIONS 1	J. FITZ	08-23
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

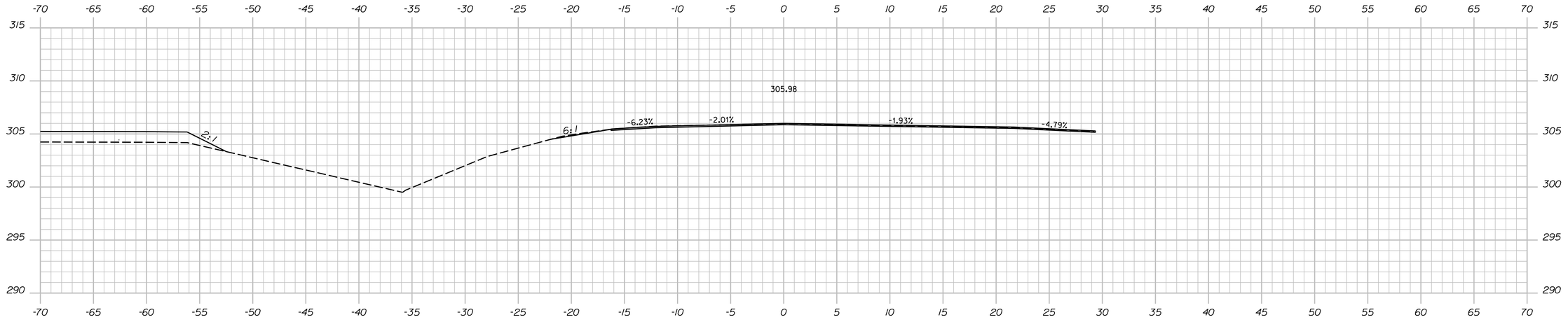
I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

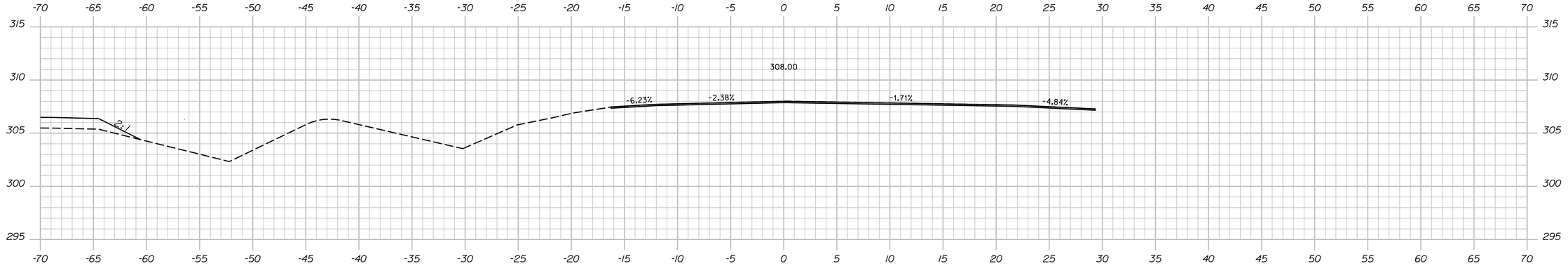
19

OF 168

Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



3327+50.00



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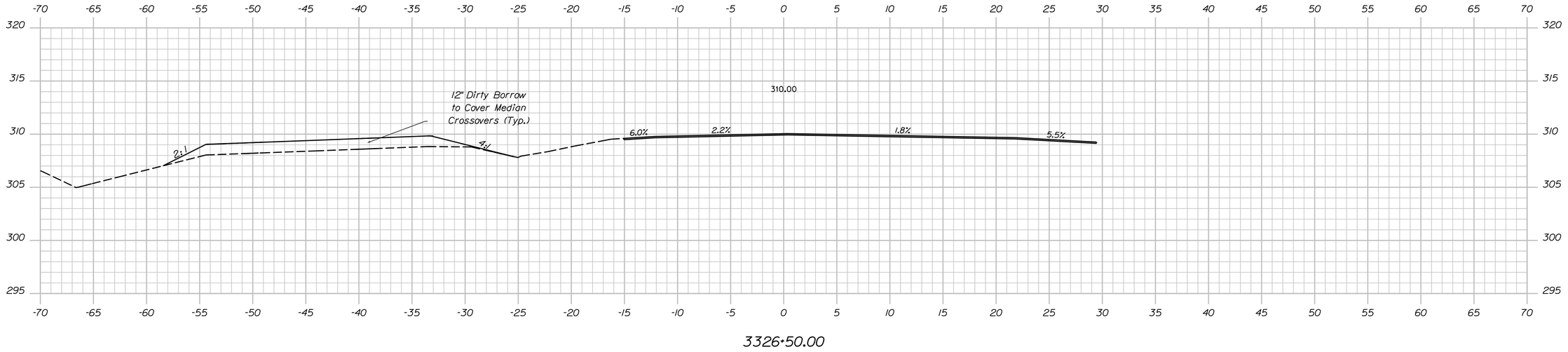


3326+50.00

Sta. 3326+50.00 to Sta. 3327+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON 08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN 08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ 08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

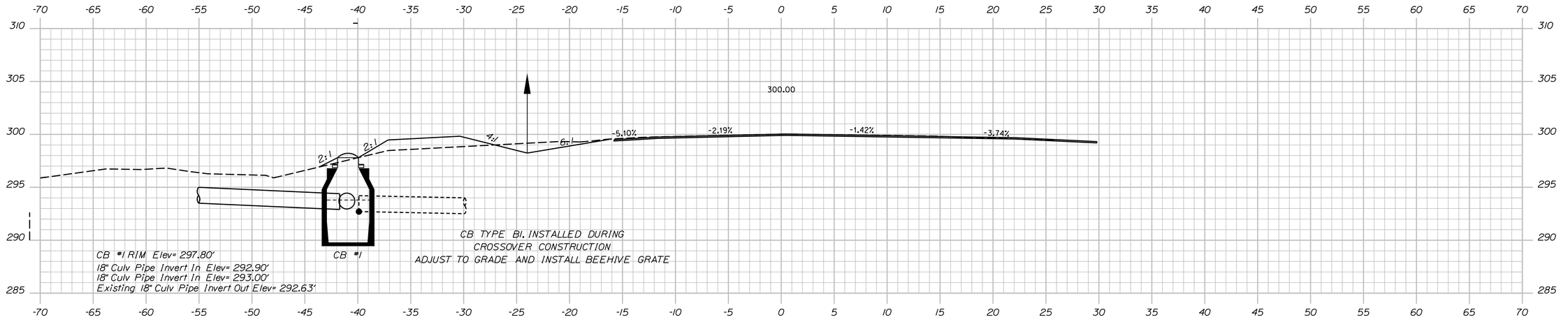
I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

20

OF 168

Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



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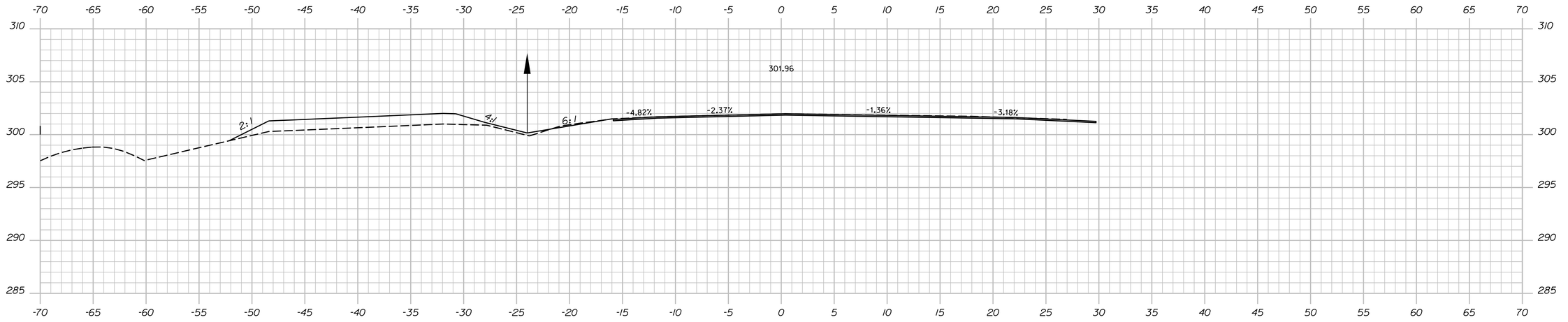

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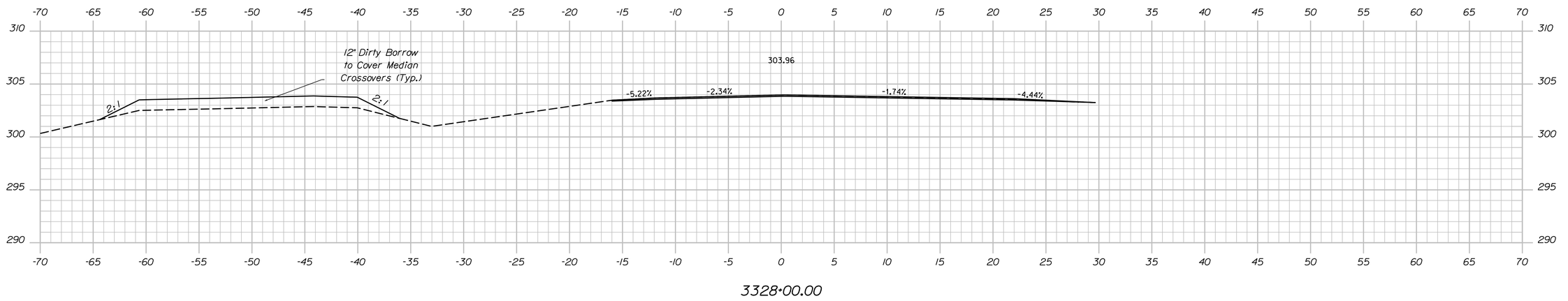


3328+00.00

Sta. 3328+00.00 to Sta. 3329+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	08/23
REVISIONS 1	N. EDMAN	08/23
REVISIONS 2	J. FITZ	08/23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

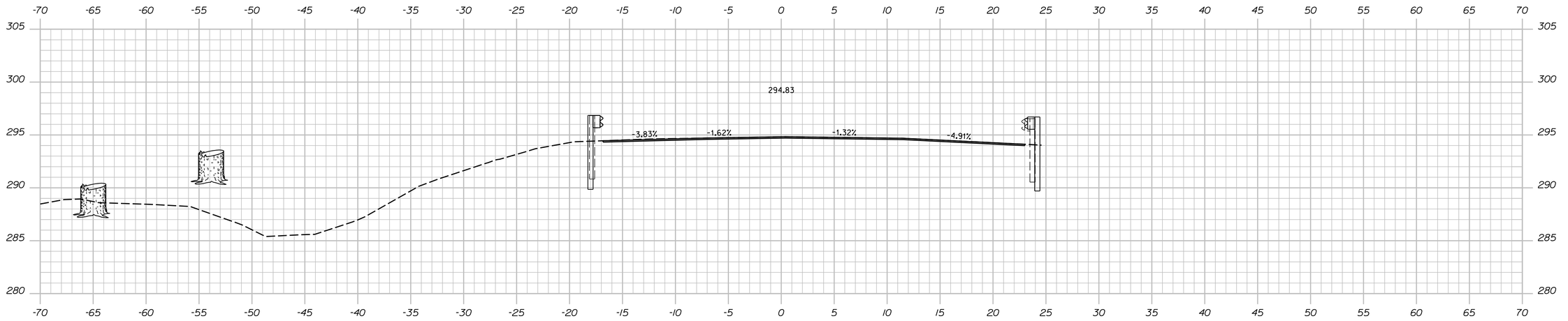
I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

21

OF 168

Filename: ...\I-95 FinalCross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



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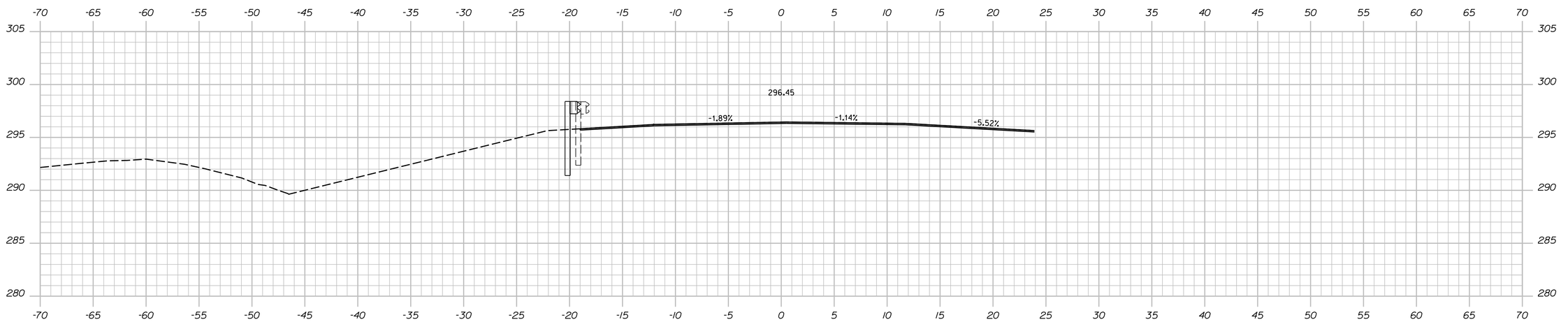
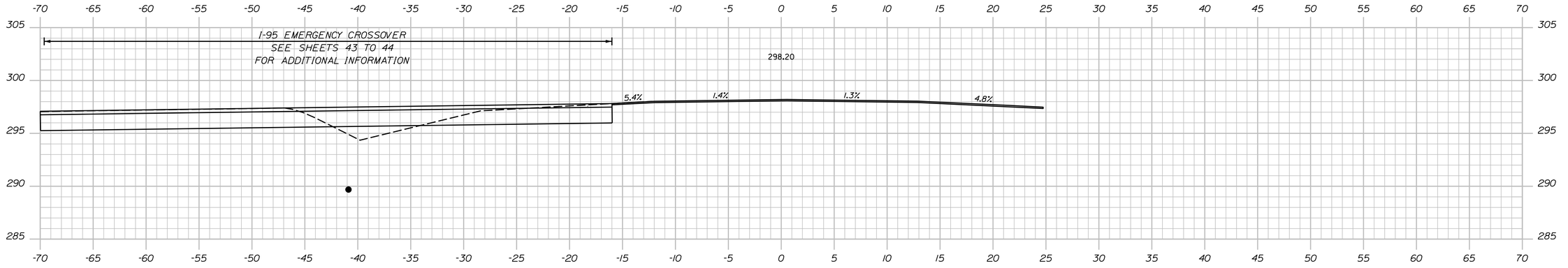


3330+00.00



3329+50.00

Sta. 3329+50.00 to Sta. 3330+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

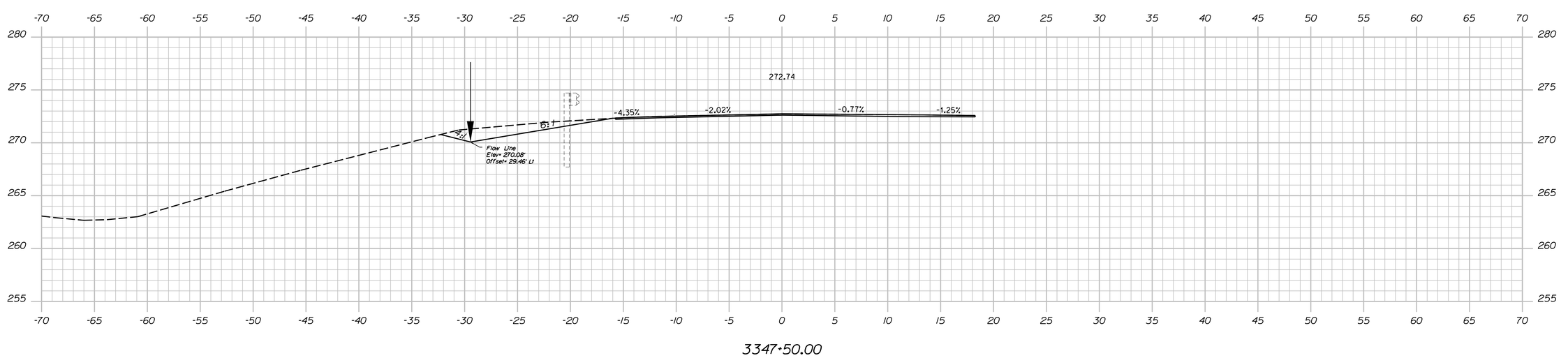
SHEET NUMBER

22

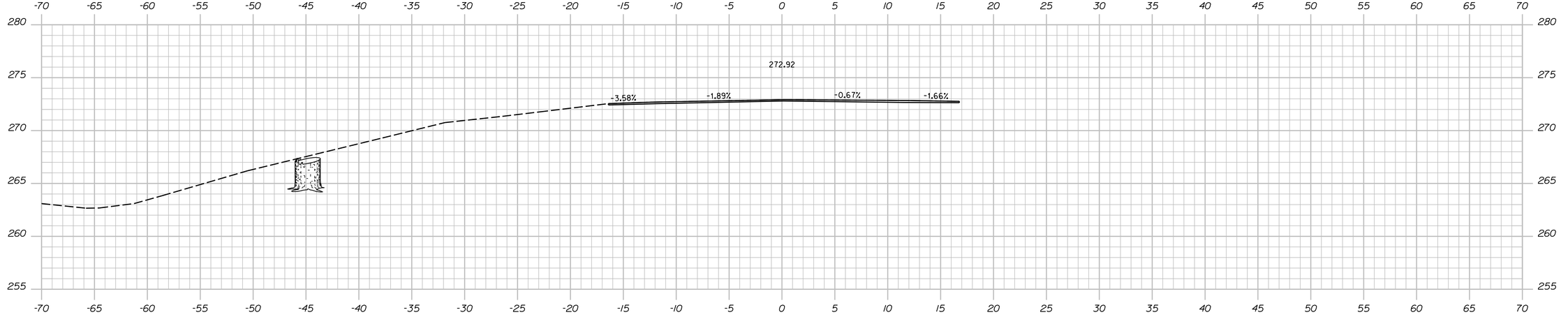
OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\I-95 Final Cross Sections.dgn Division:



3347+50.00



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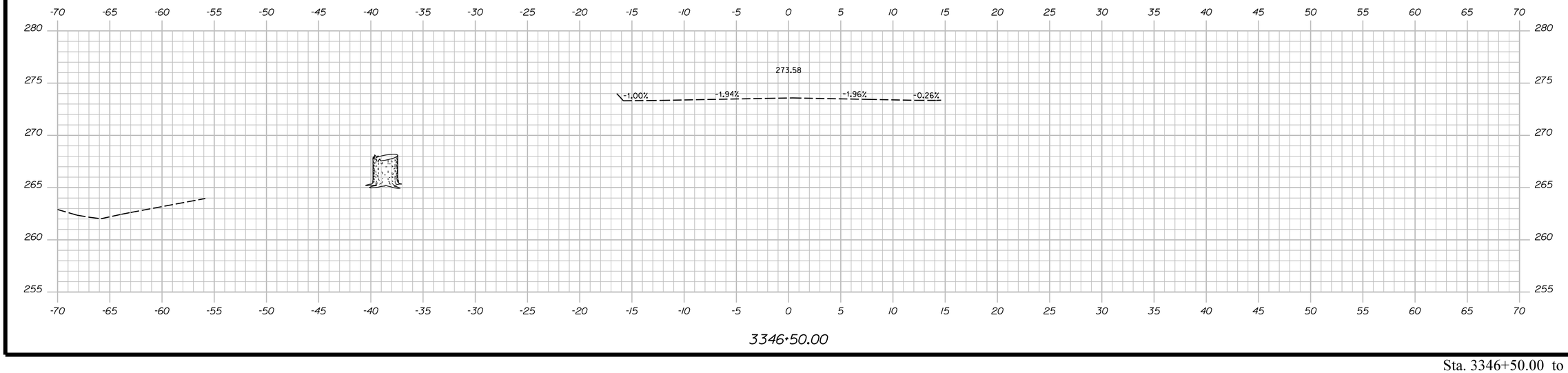


3346+50.00

Sta. 3346+50.00 to Sta. 3347+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

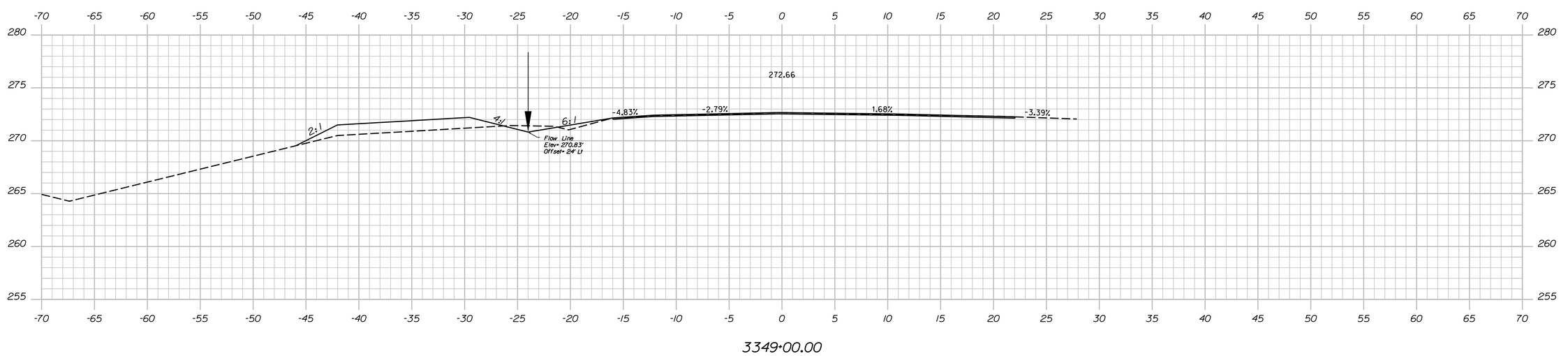
23

OF 168

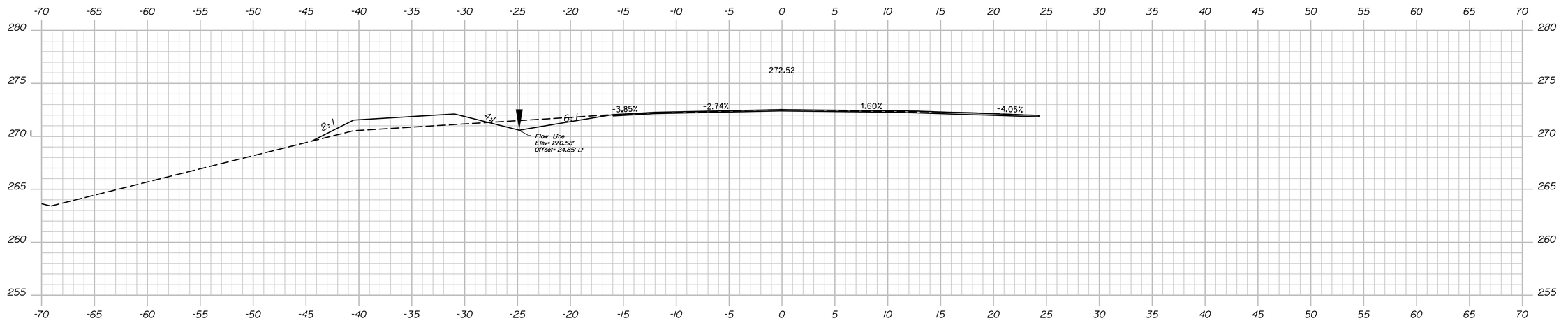
Username: jfitzpatrick Date:10/3/2023

Division:

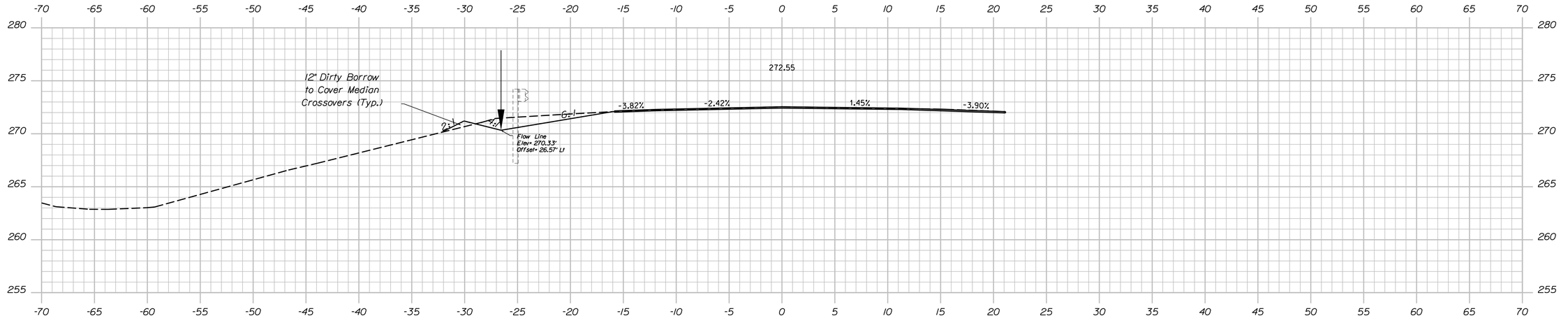
Filename: ...\I-95 Final Cross Sections.dgn



3349+00.00



3348+50.00



3348+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

24

OF 168

Sta. 3348+00.00 to Sta. 3349+00.00

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn

Sta. 3349+50.00 to Sta. 3350+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

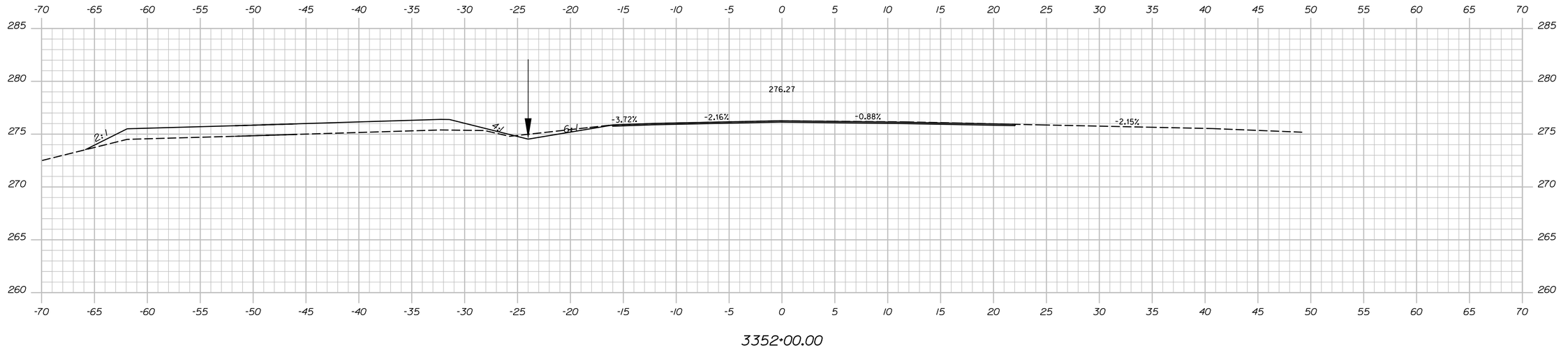
25

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn



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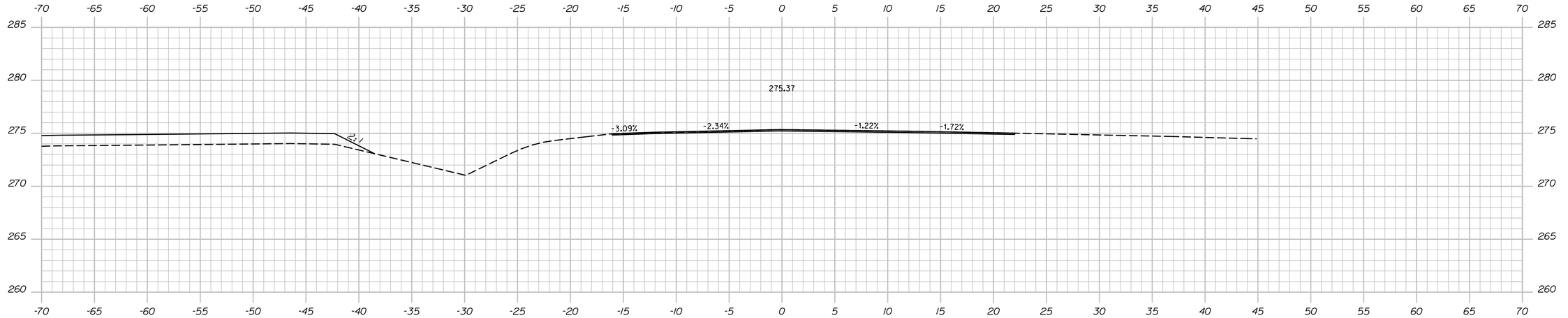

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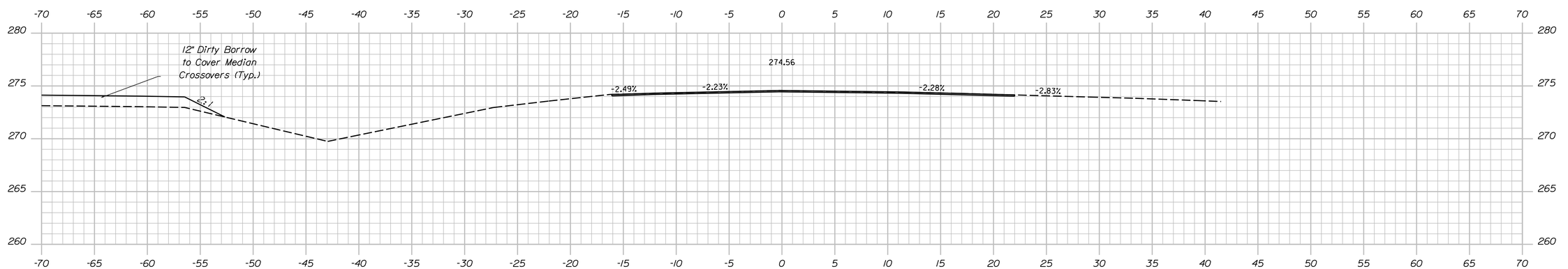


3351+00.00

Sta. 3351+00.00 to Sta. 3352+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	B. COLBURN	08-23
DESIGN3-DETAILED3	N. EDMAN	J. FITZ
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

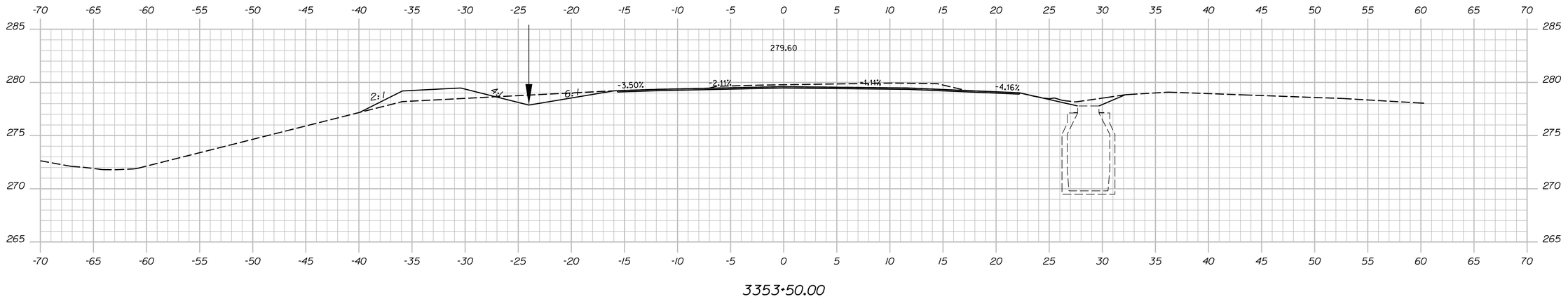
I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

26

OF 168

Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



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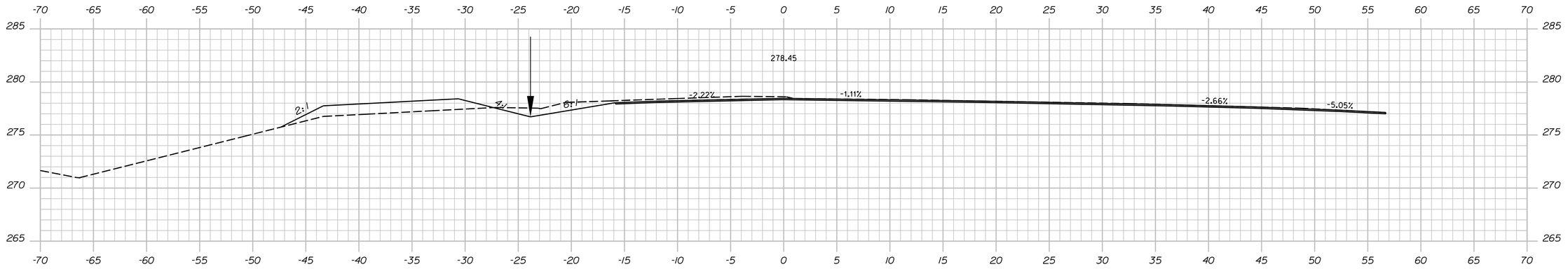

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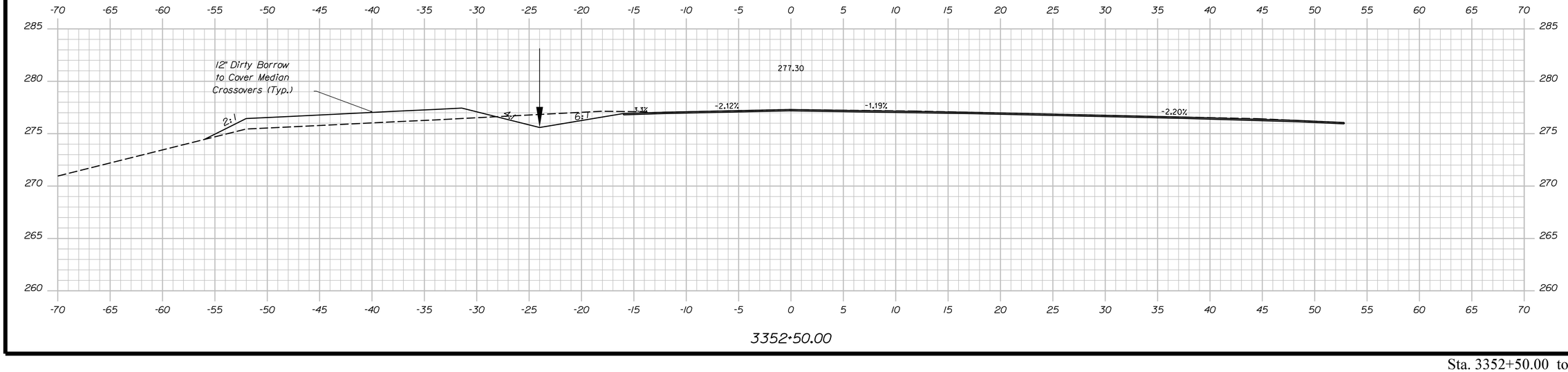


3352+50.00

Sta. 3352+50.00 to Sta. 3353+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

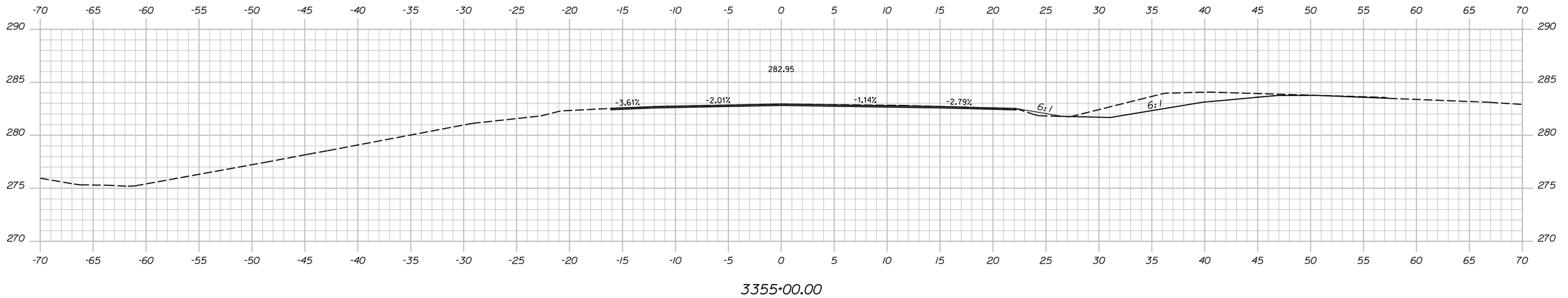
27

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn



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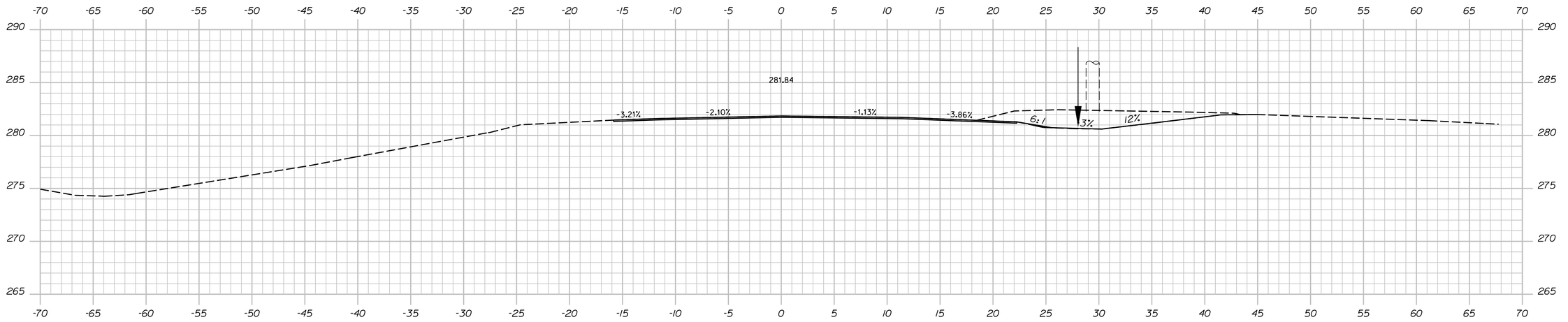
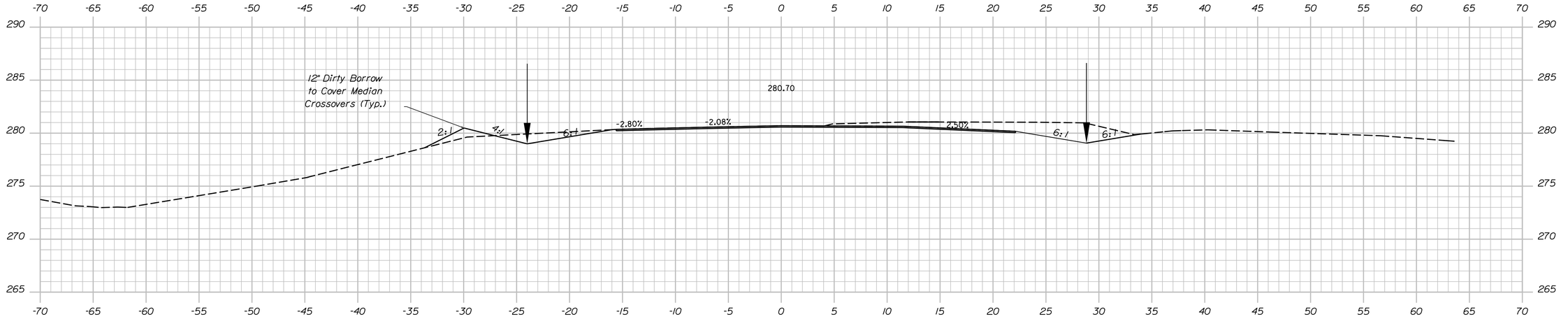


3354+50.00



3354+00.00

Sta. 3354+00.00 to Sta. 3355+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

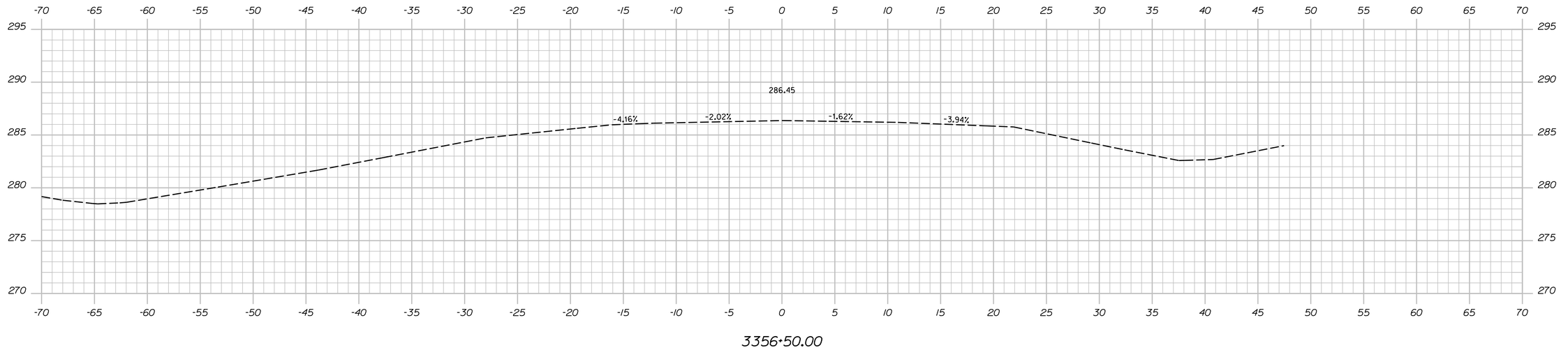
I-95 NORTHBOUND CROSS SECTIONS

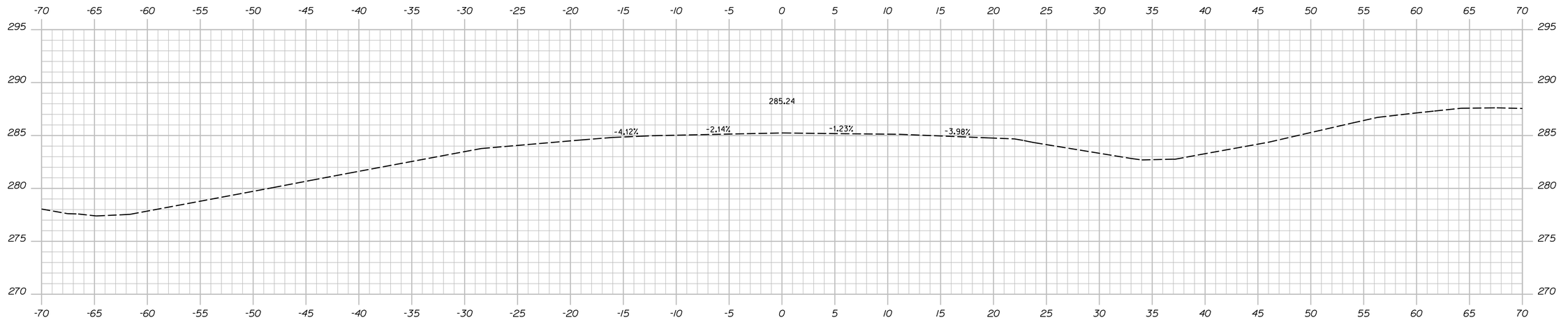
SHEET NUMBER

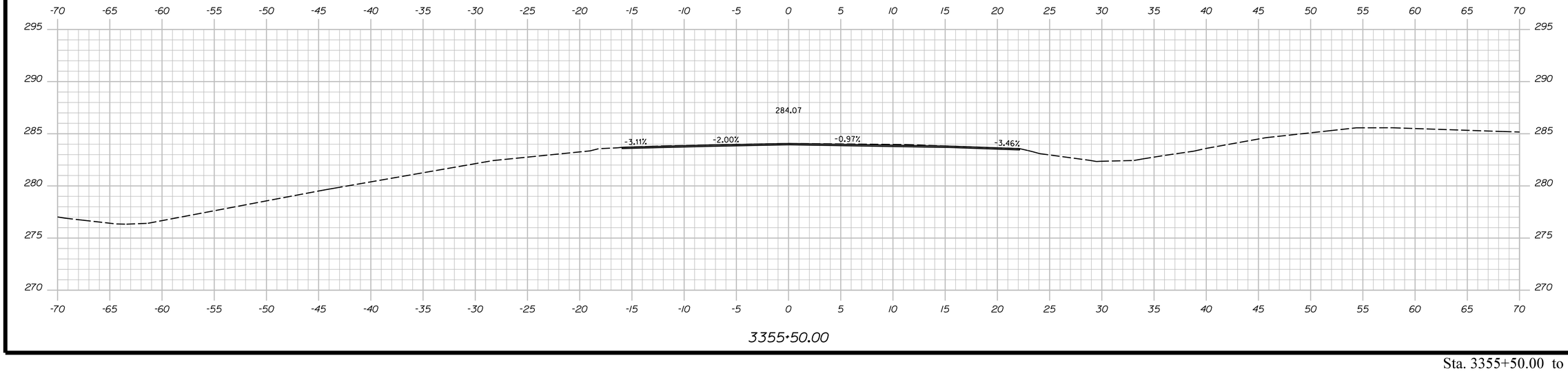
28

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\I-95 Final Cross Sections.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

SHEET NUMBER

29

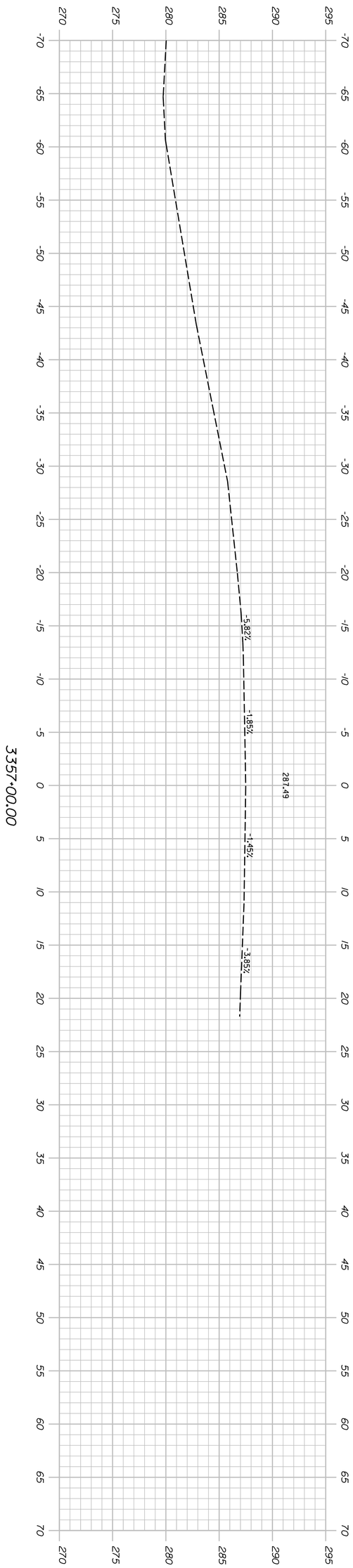
OF 168

Sta. 3355+50.00 to Sta. 3356+50.00

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn



Sta. 3357+00.00 to Sta. 3357+00.00

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116 BRIDGE NOS. 1410, 6078, 1411, 6077

MEDWAY PENOBSCOT

I-95 NORTHBOUND CROSS SECTIONS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

SHEET NUMBER 30 OF 168

Sta. 3323+50.00 to Sta. 3324+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

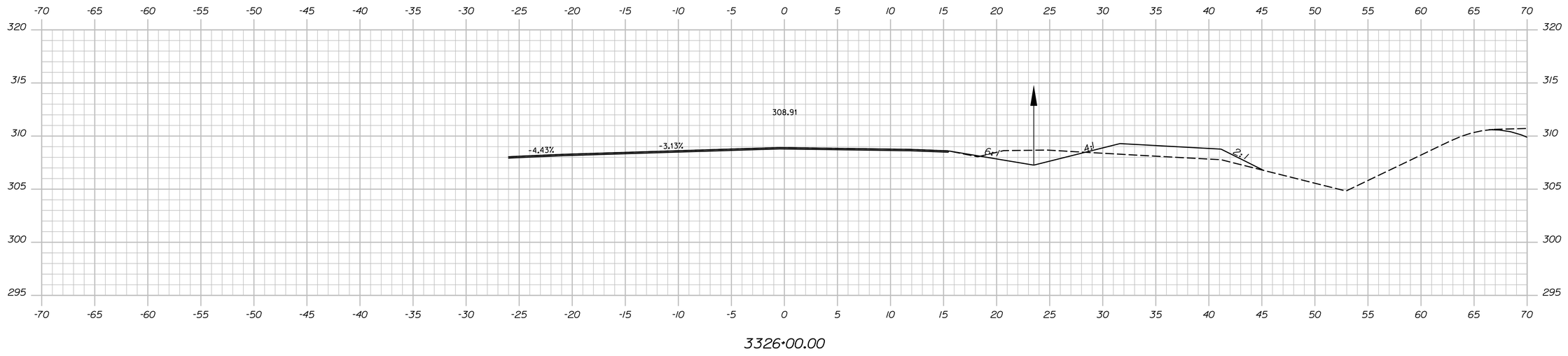
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

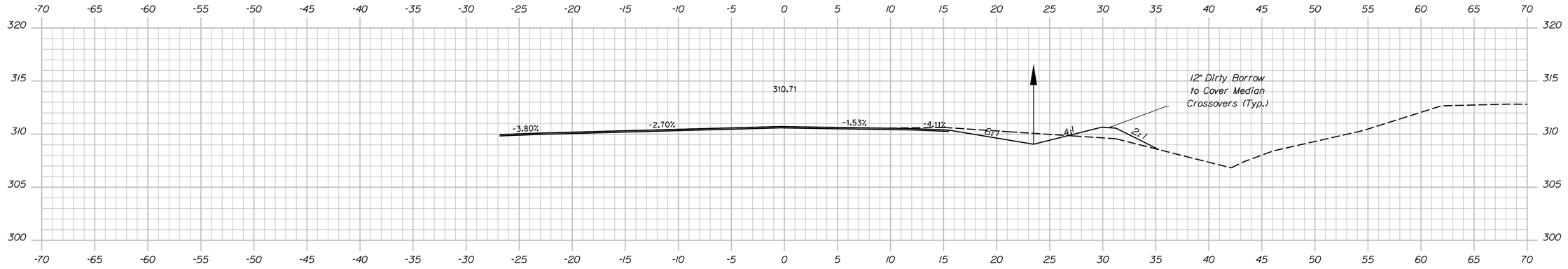
31

OF 168

Filename: ...\I-95 FinalCross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



3326+00.00



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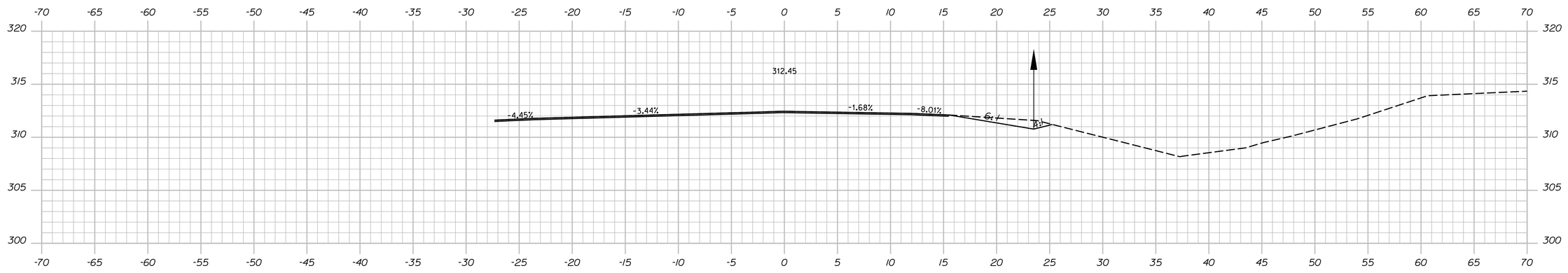


3325+00.00

Sta. 3325+00.00 to Sta. 3326+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

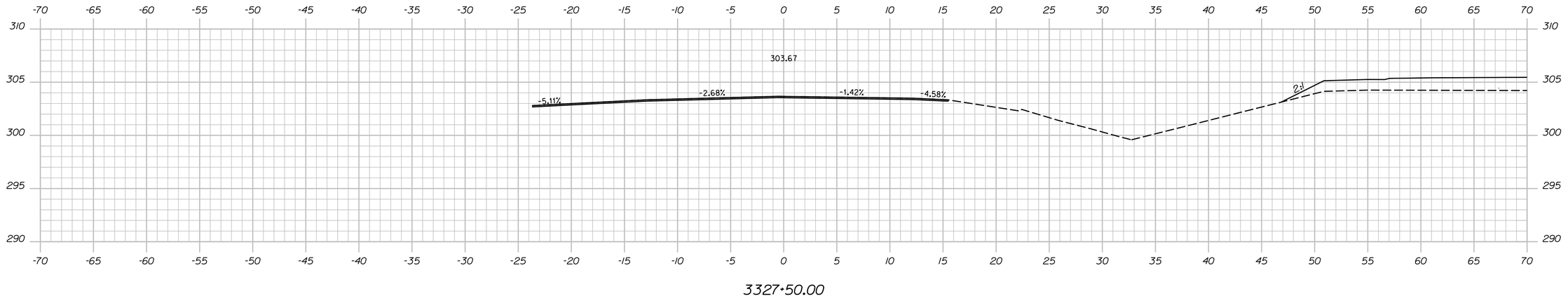
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

32

OF 168

Filename: ...\I-95 FinalCross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



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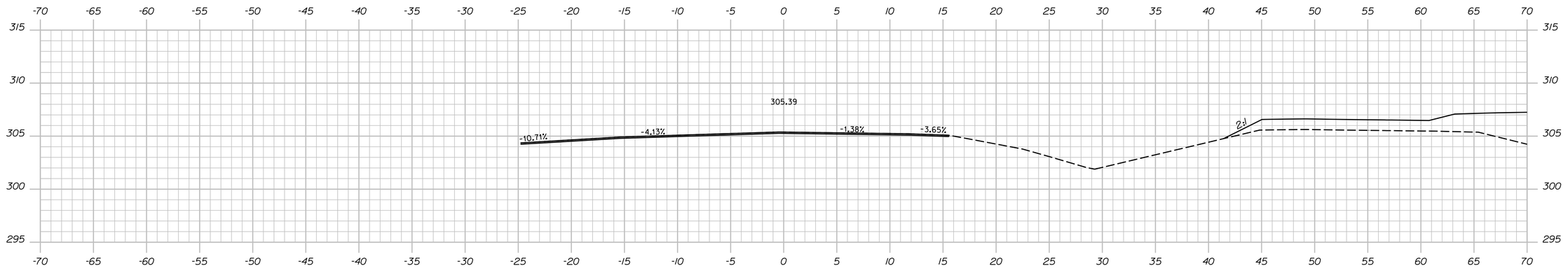

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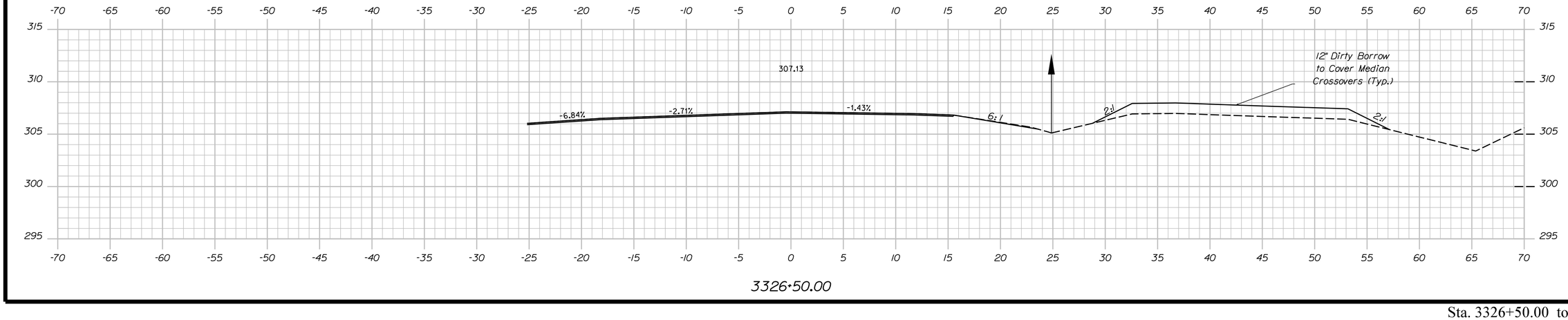


3326+50.00

Sta. 3326+50.00 to Sta. 3327+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

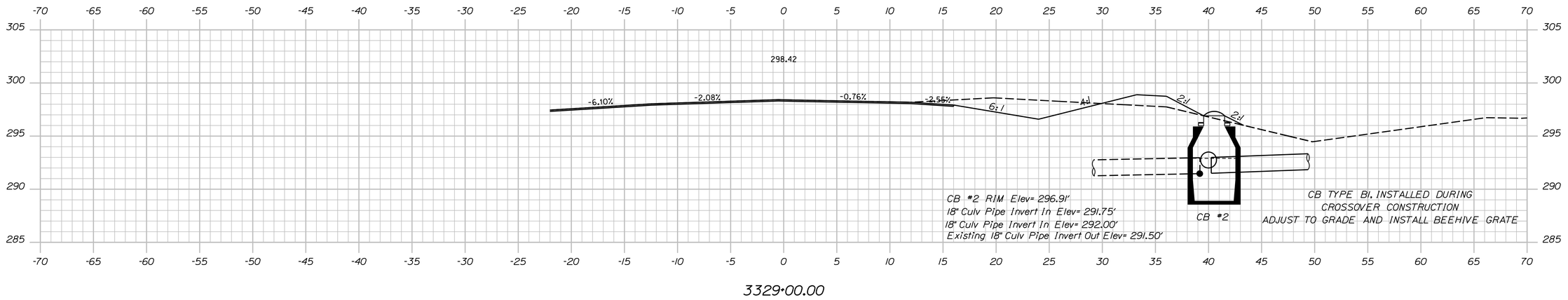
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

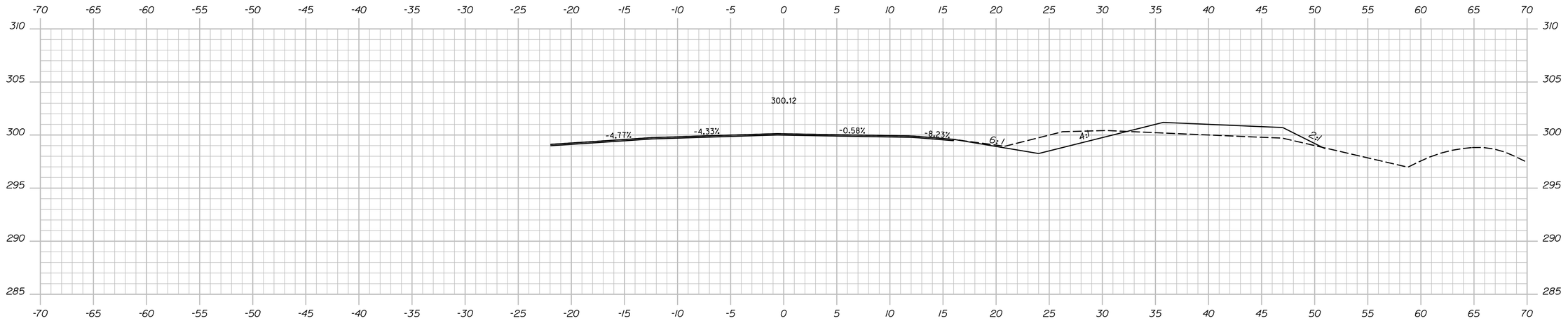
33

OF 168

Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023



3329+00.00



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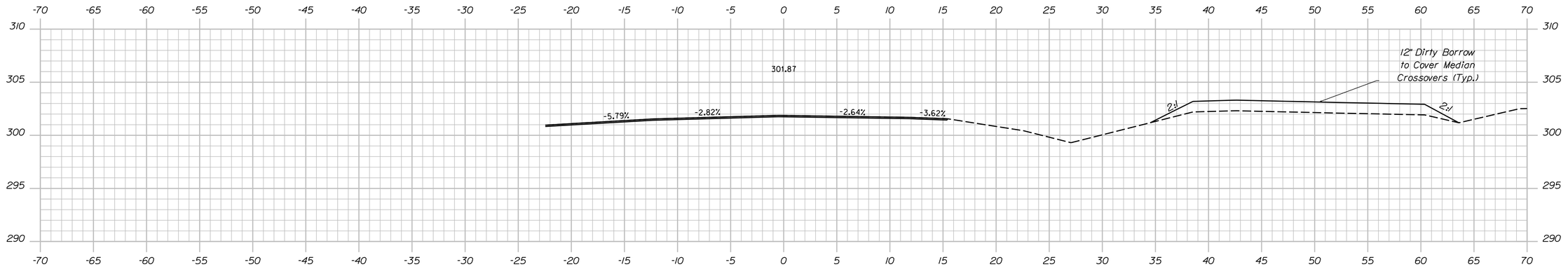


3328+00.00

Sta. 3328+00.00 to Sta. 3329+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

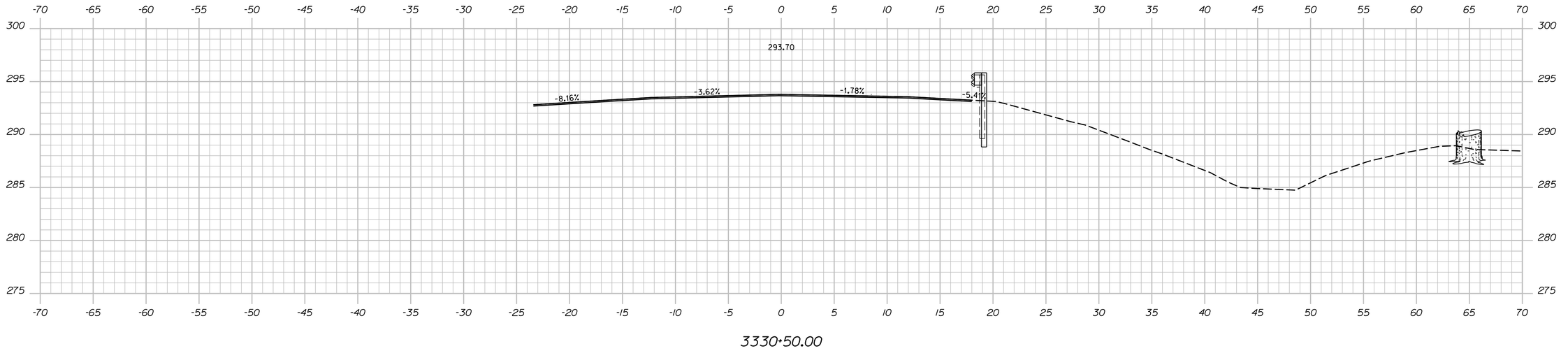
I-95 SOUTHBOUND CROSS SECTIONS

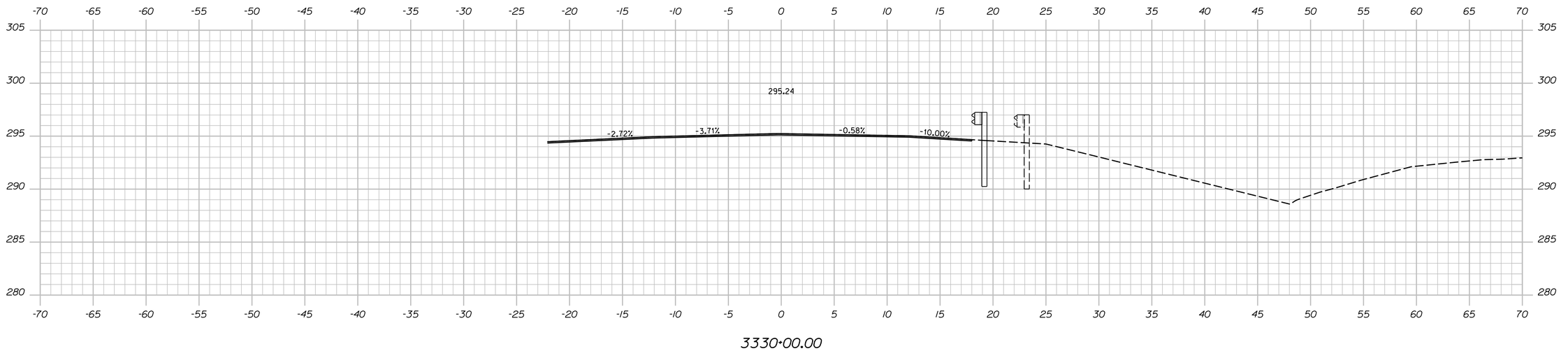
SHEET NUMBER

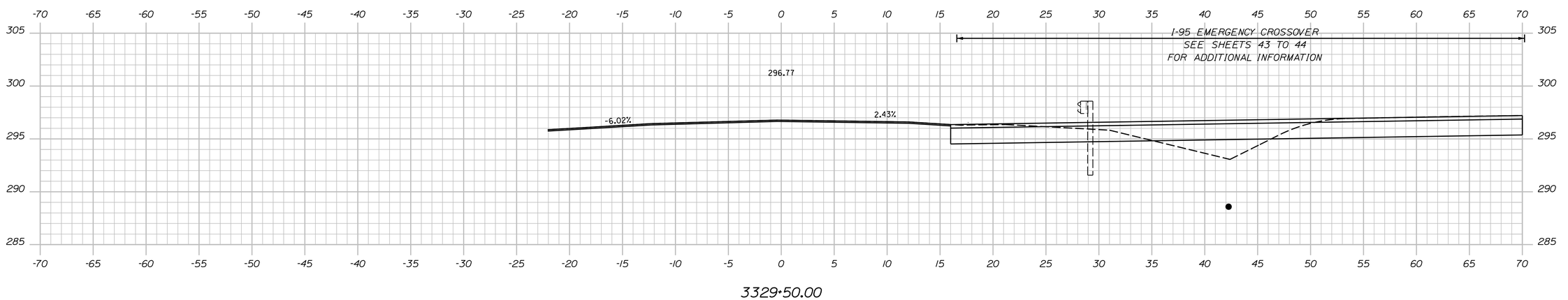
34

OF 168

Filename: ...\I-95 FinalCross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023







Filename: ...\I-95 Final Cross Sections.dgn Division: Username: jfitzpatrick Date:10/3/2023

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

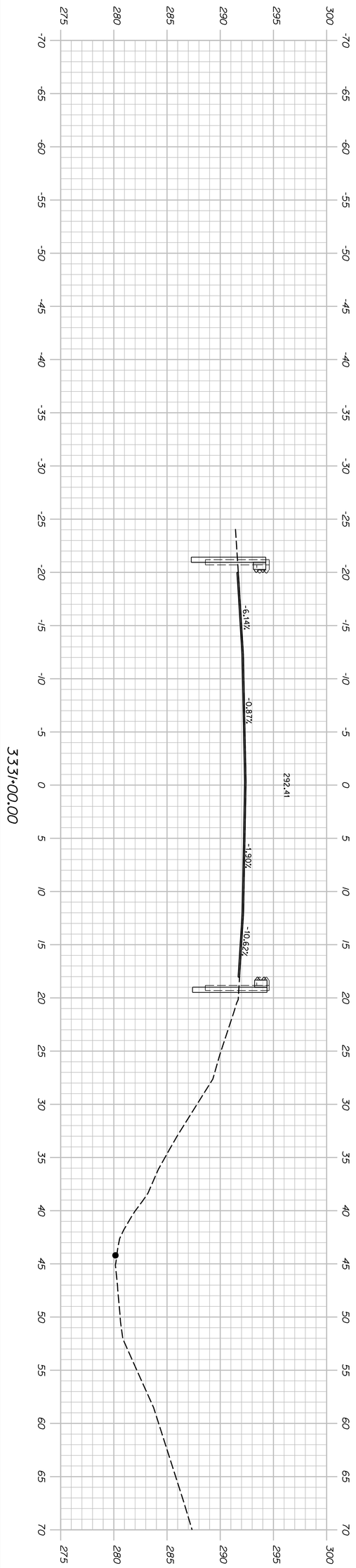
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

35

OF 168

Sta. 3329+50.00 to Sta. 3330+50.00



Sta. 3331+00.00 to Sta. 3331+00.00

SHEET NUMBER 36 OF 168

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 SOUTHBOUND CROSS SECTIONS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

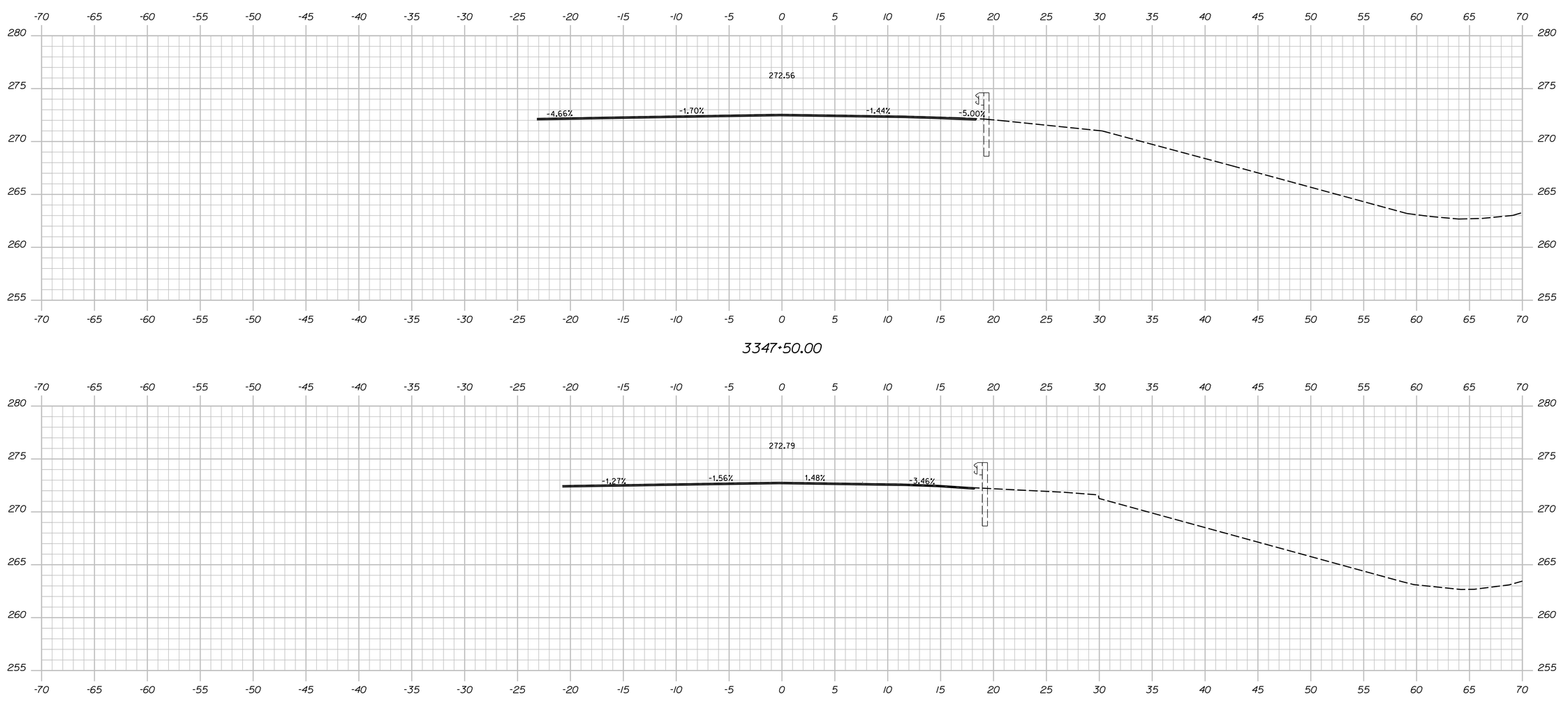
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS



Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

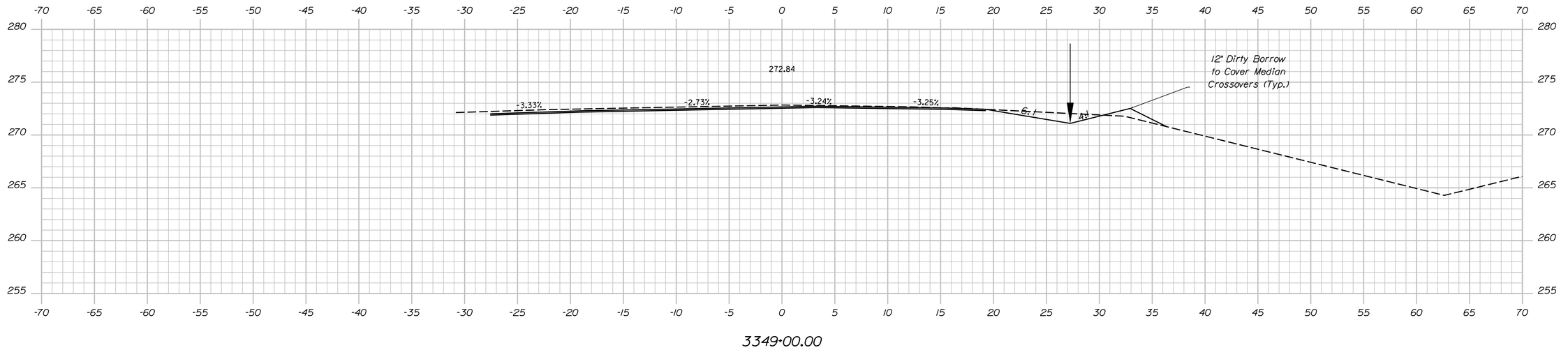
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

37

OF 168

Sta. 3346+50.00 to Sta. 3347+50.00



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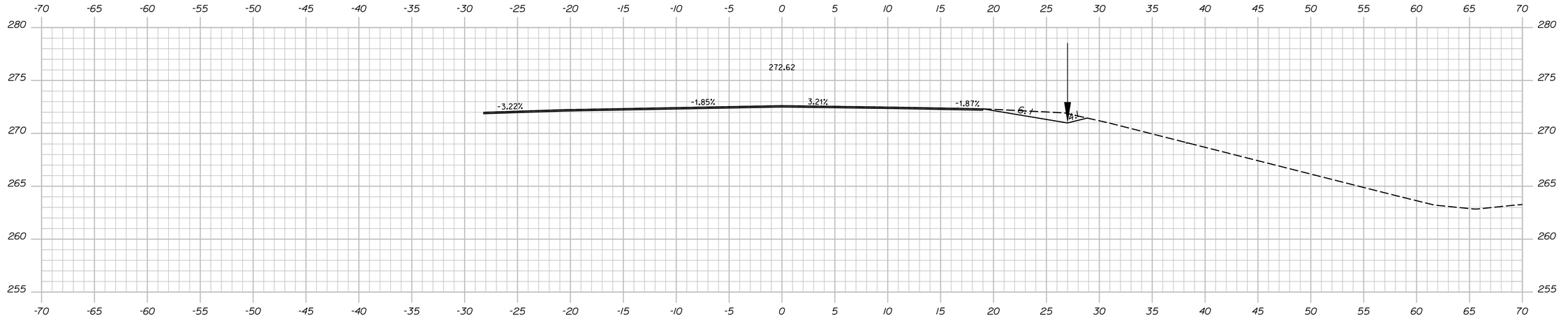

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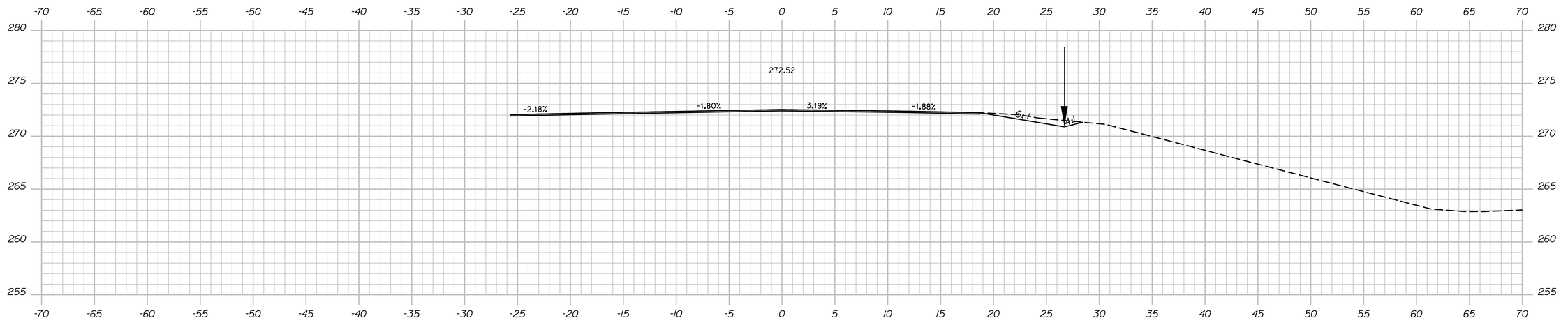


3348+00.00

Sta. 3348+00.00 to Sta. 3349+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

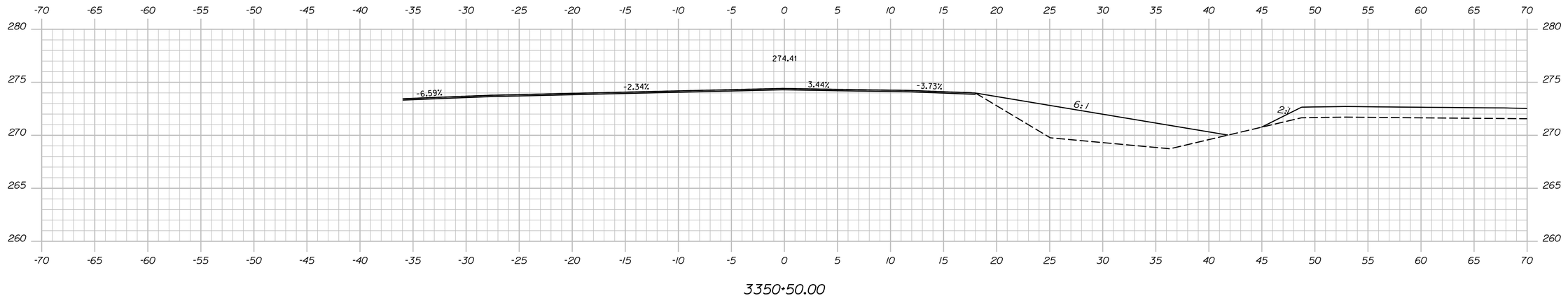
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

38

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\I-95 Final Cross Sections.dgn



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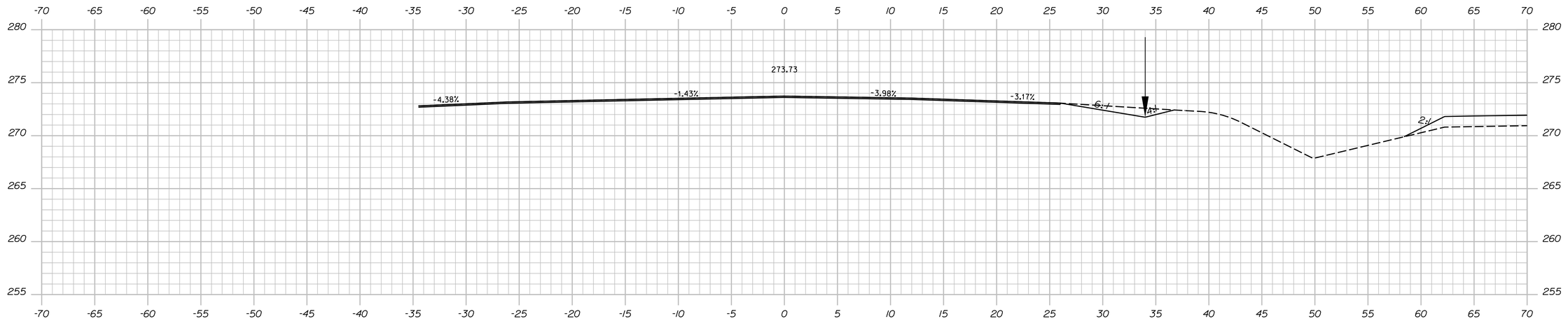

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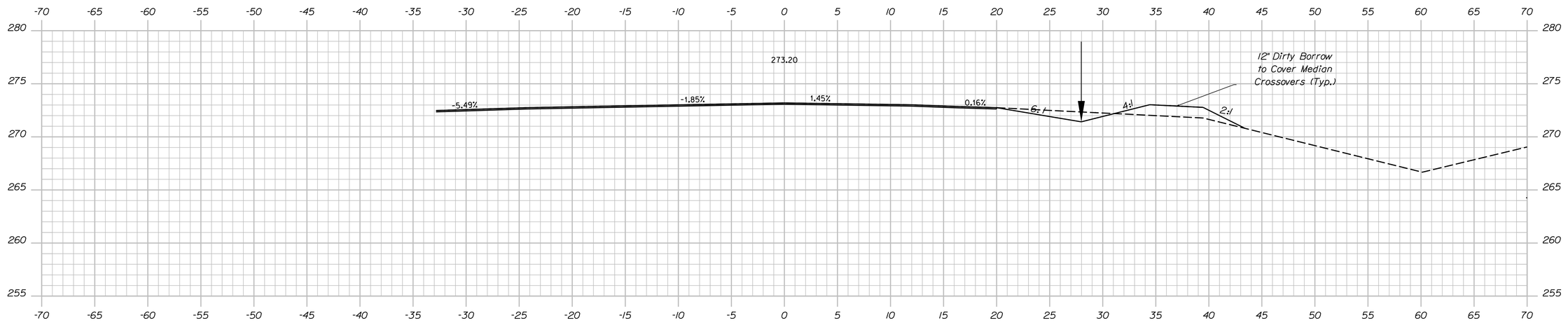


3349+50.00

Sta. 3349+50.00 to Sta. 3350+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

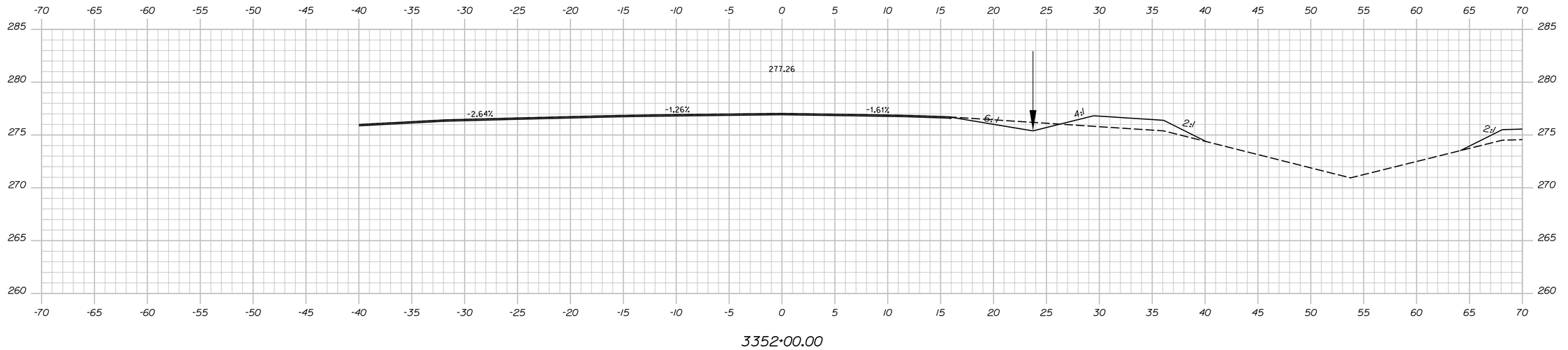
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

39

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\I-95 Final Cross Sections.dgn



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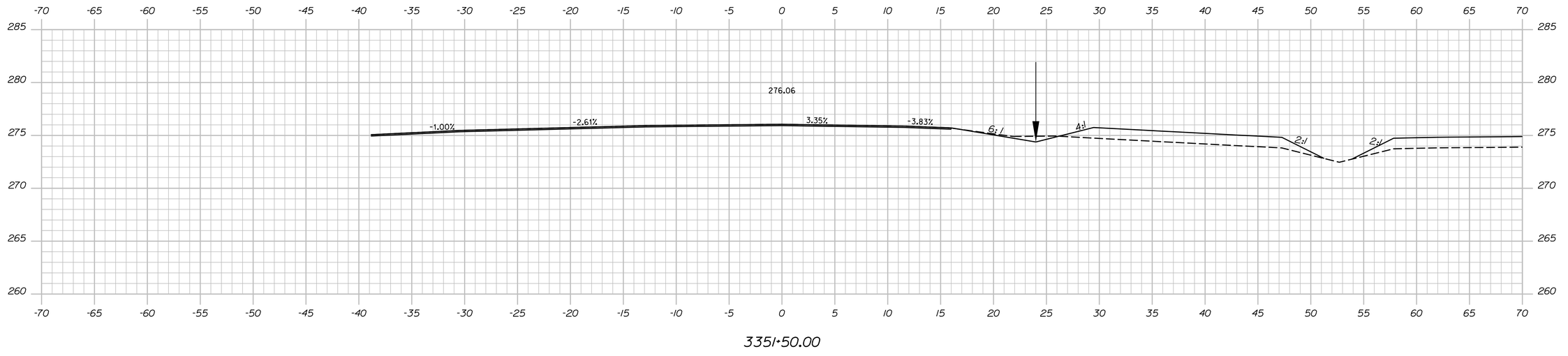

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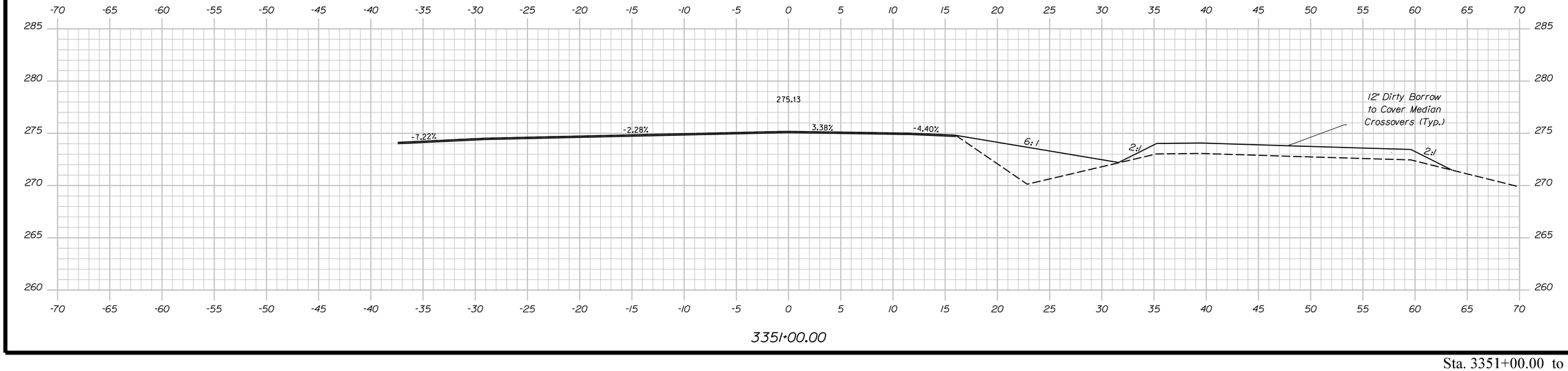

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Sta. 3351+00.00 to Sta. 3352+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

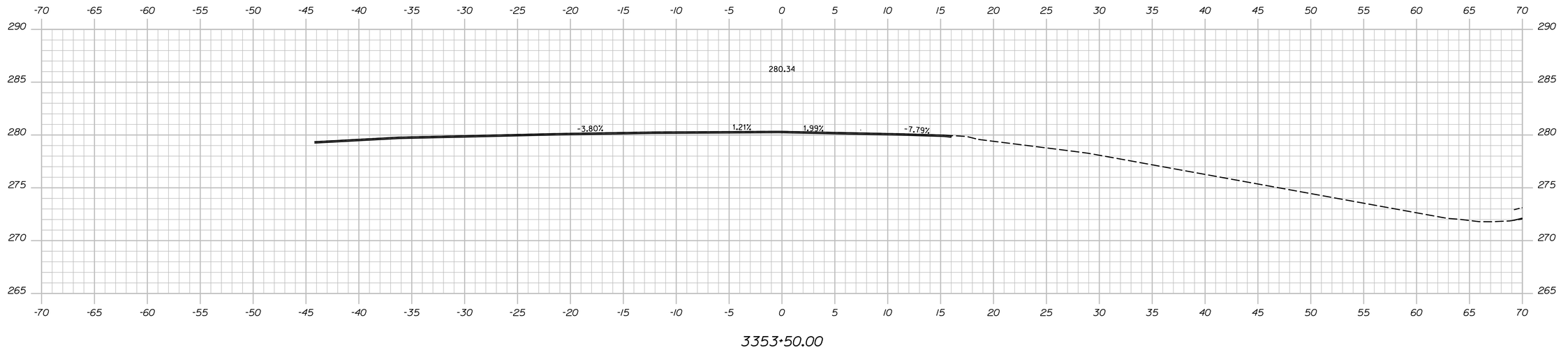
40

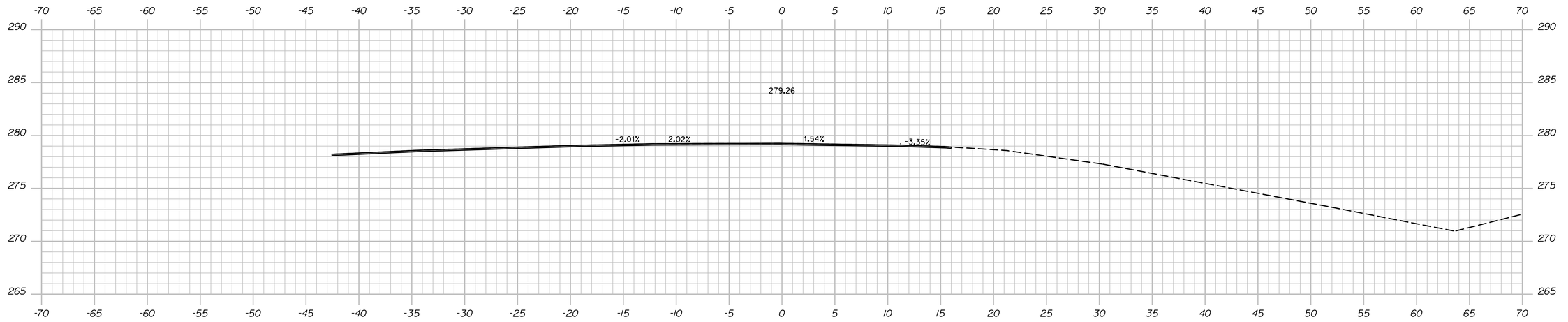
OF 168

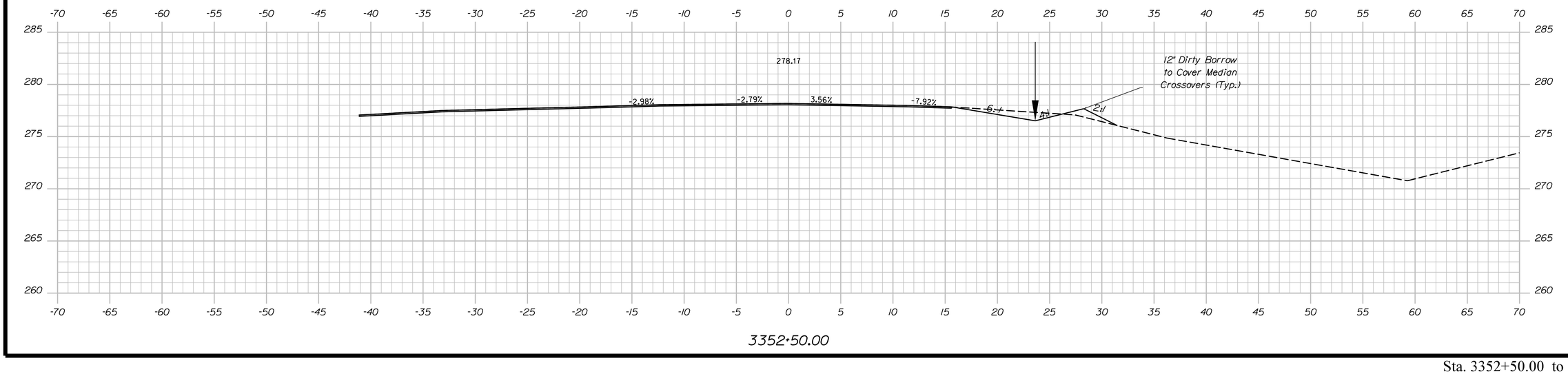
Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

41

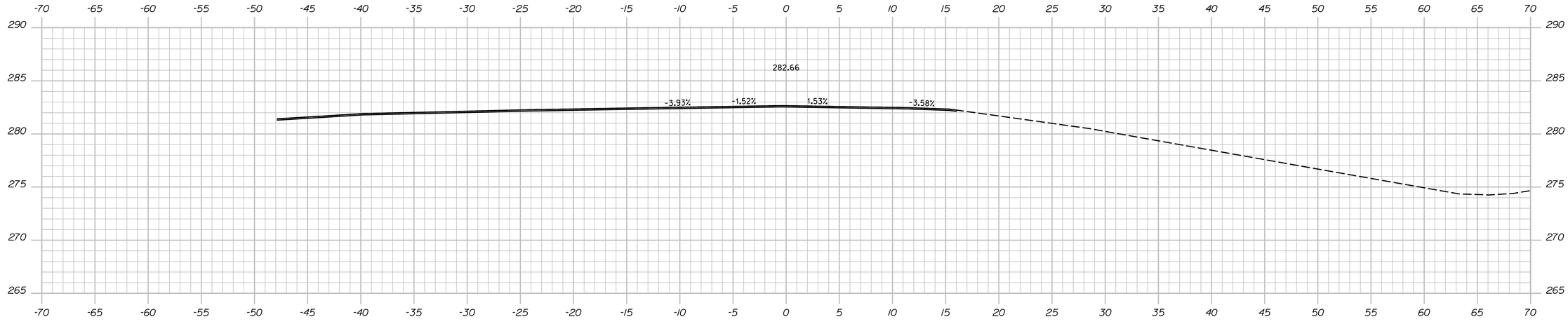
OF 168

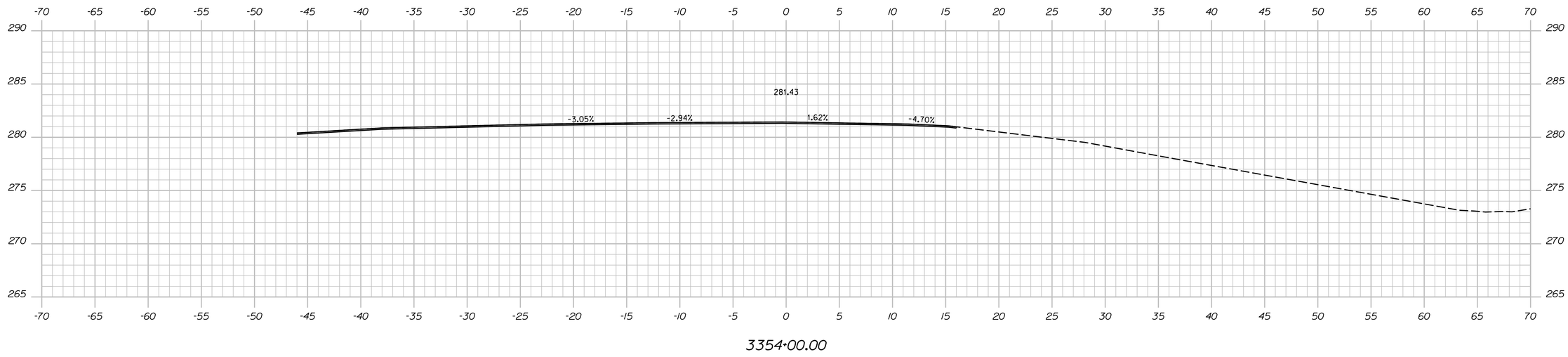
Sta. 3352+50.00 to Sta. 3353+50.00

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\I-95 Final Cross Sections.dgn





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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

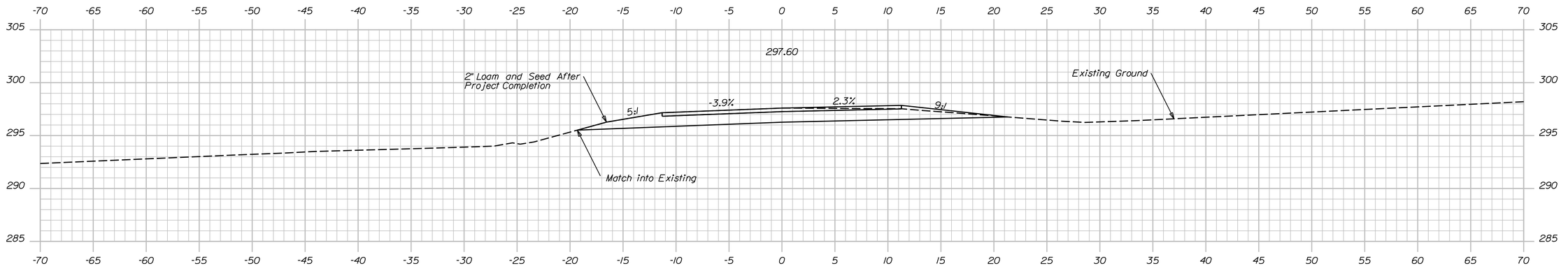
I-95 SOUTHBOUND CROSS SECTIONS

SHEET NUMBER

42

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\I-95 Final Cross Sections.dgn



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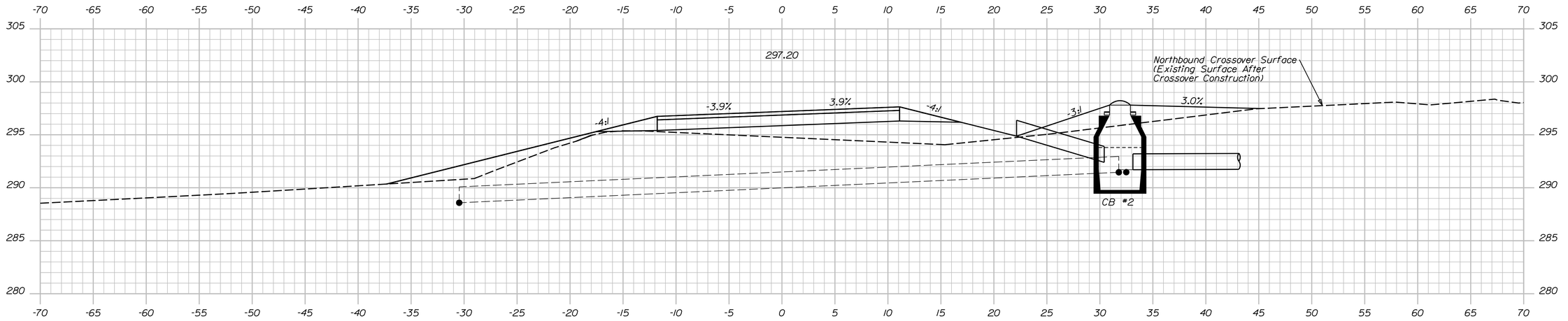

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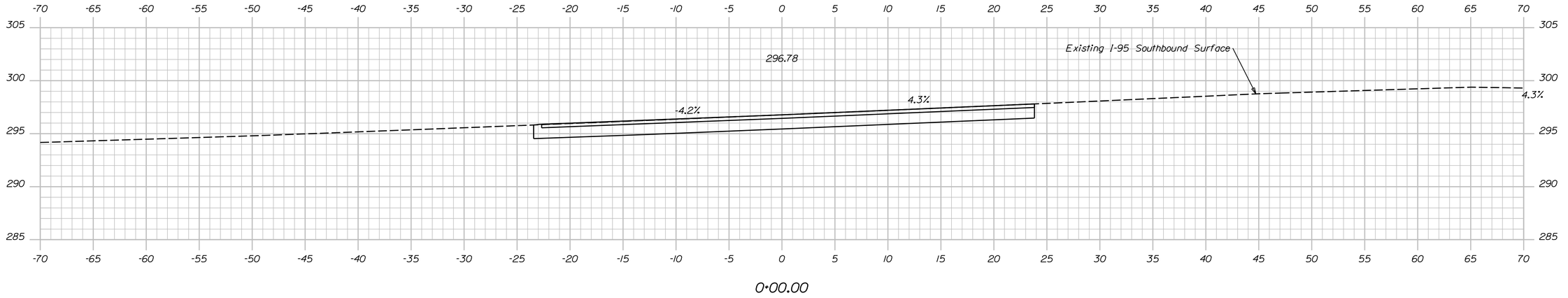

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Sta. 0+00.00 to Sta. 0+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01, 25631.02, 25631.04, 25631.05

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

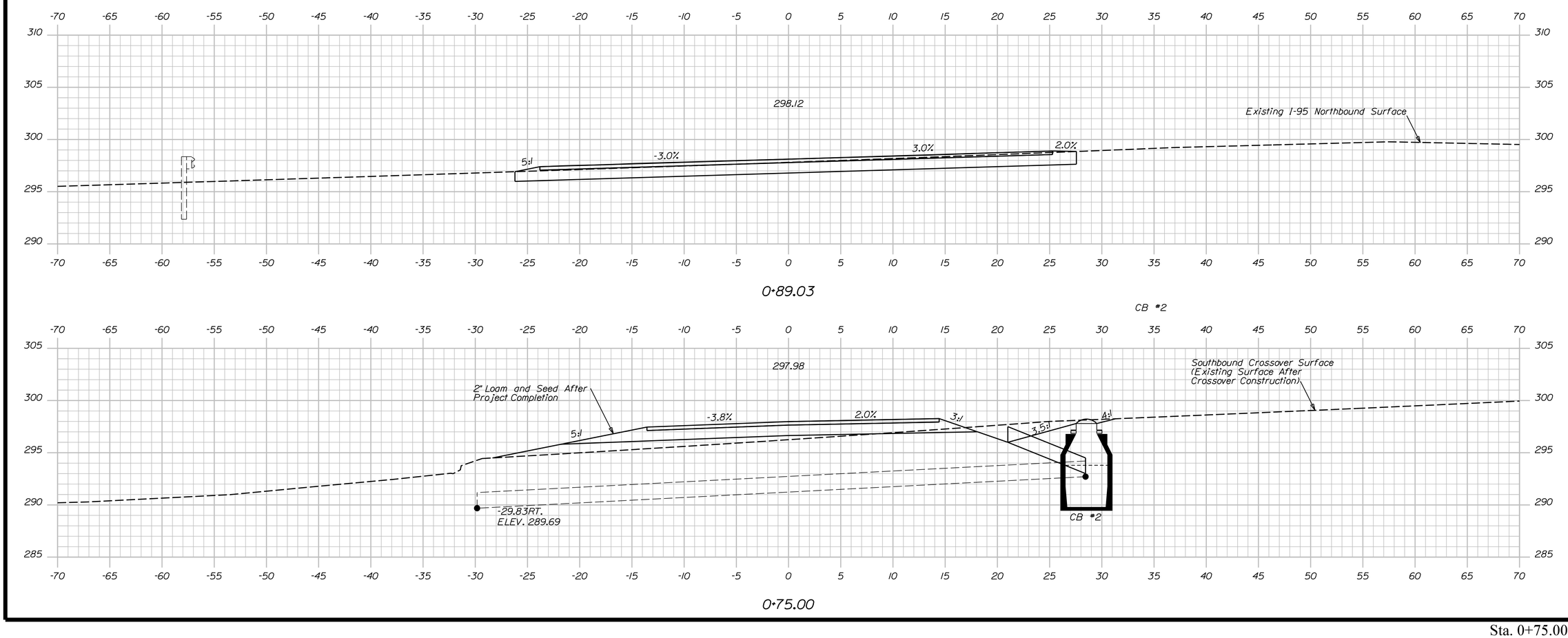
EMERGENCY CROSSOVER CROSS SECTIONS

SHEET NUMBER

43

OF 168

Filename: ...\XSect Emergency XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



Sta. 0+75.00 to Sta. 0+89.03

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01, 25631.02, 25631.04, 25631.05

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

EMERGENCY CROSSOVER CROSS SECTIONS

SHEET NUMBER

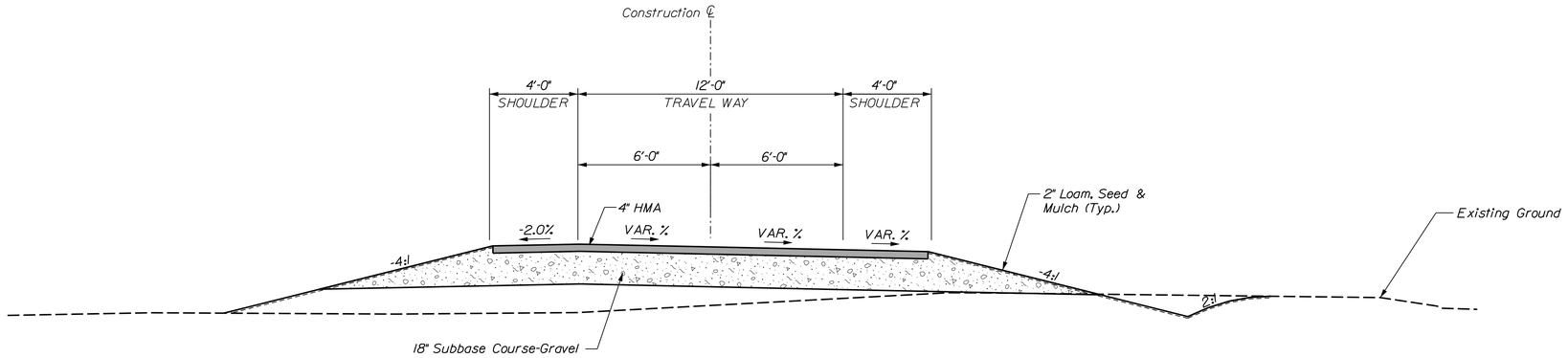
44

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

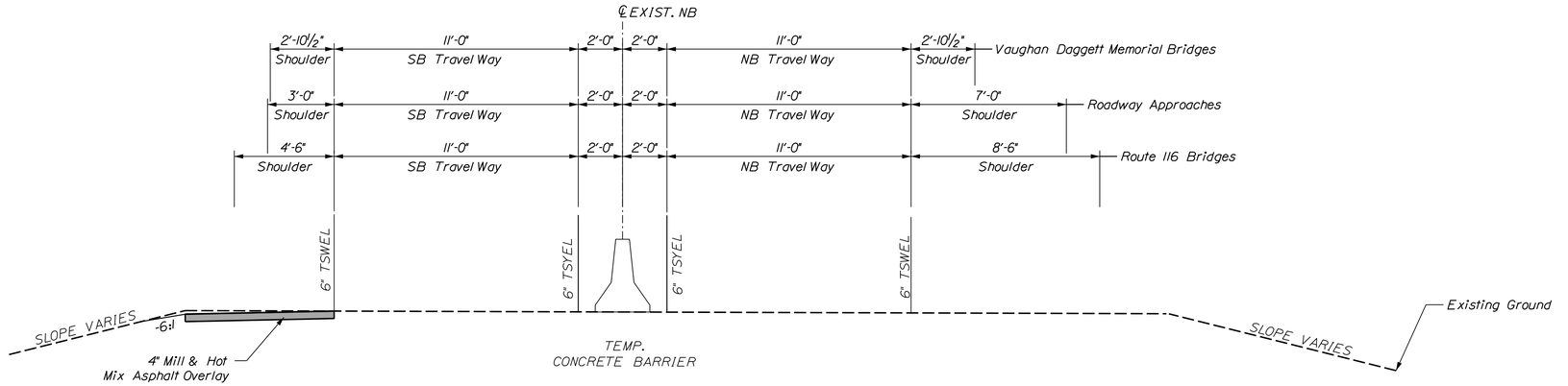
Filename: ...\XSect Emergency XOver.dgn



CROSSOVER TYPICAL SECTION

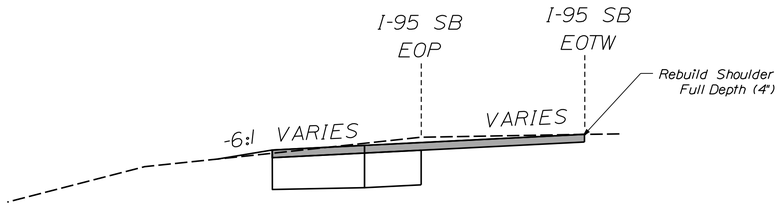
Note:

1. Place 2" Of Loam, Seed, & Mulch Over Crossover Pavement At Completion Of Project.



TWO WAY TRAFFIC TYPICAL SECTION

I-95 Northbound shown.
I-95 Southbound opposite hand.



I-95 SHOULDER WORK TYPICAL SECTION

I-95 Northbound shown.
I-95 Southbound opposite hand.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 253101, 253102, 253104, 253105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TEMPORARY TYPICAL SECTIONS

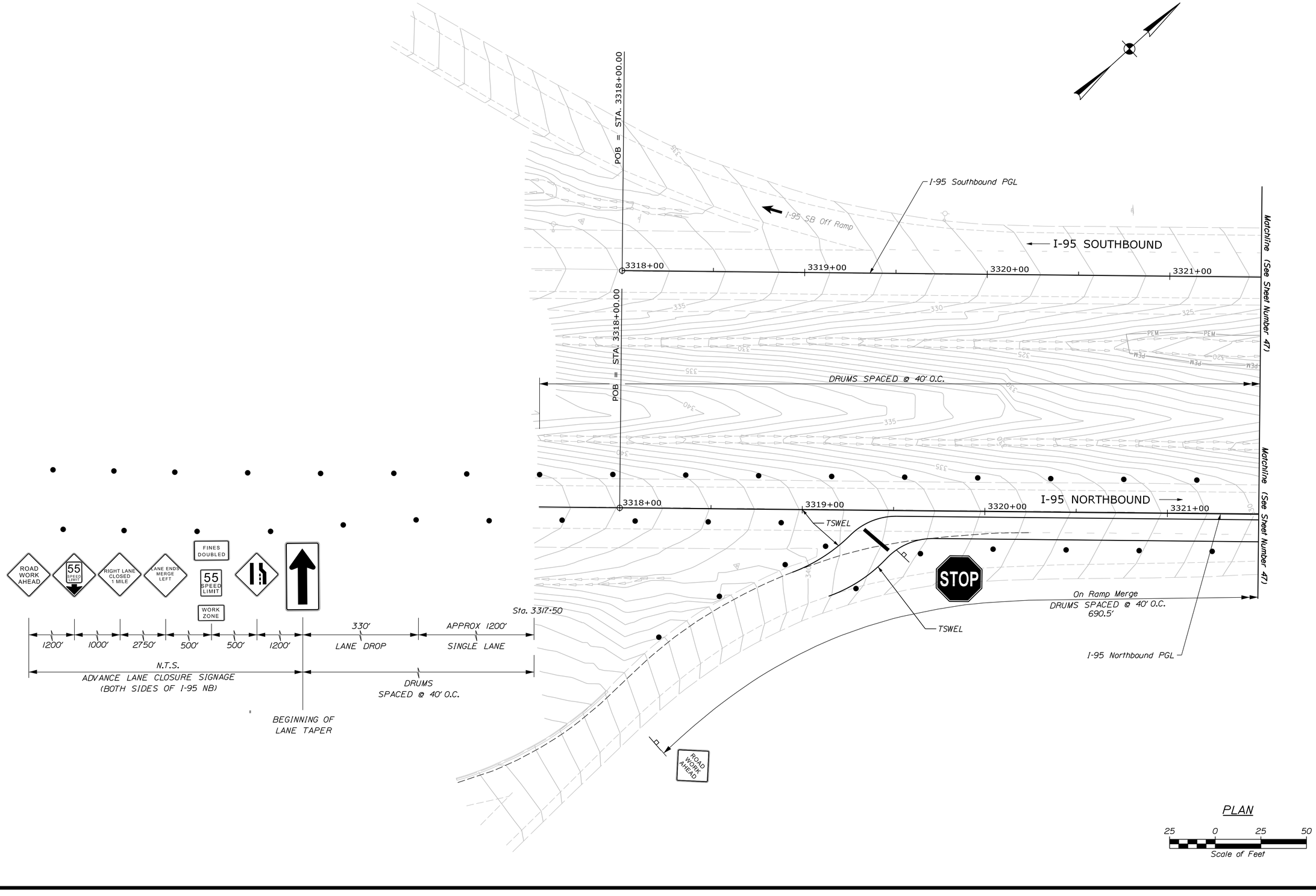
SHEET NUMBER

45

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\087_Typical_Crossover.dgn

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\064_TCPlan1.dgn



PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

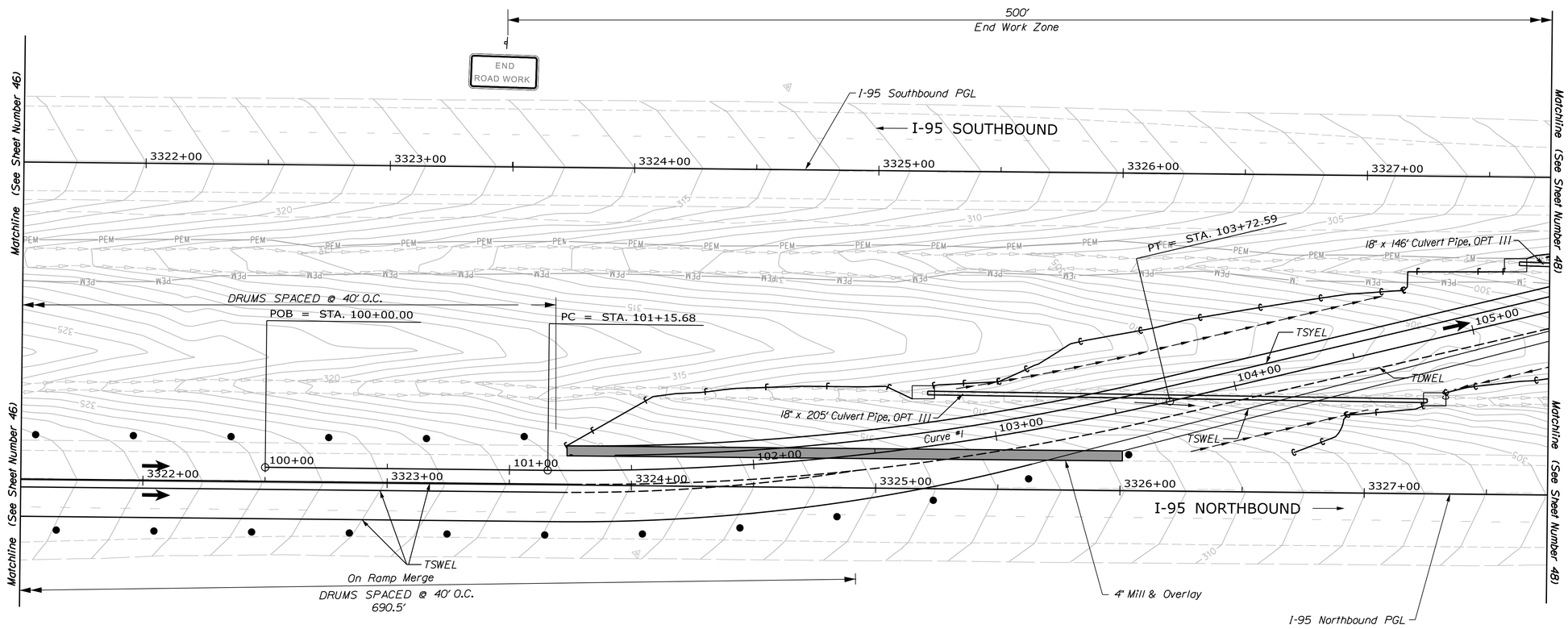
TRAFFIC CONTROL PLANS I-95 NORTHBOUND

SHEET NUMBER

46

OF 168

Northbound Crossover
CURVE DATA #1
PI = 102+44.77
D = 5°24'18.9"
Δ = 13°53'11.4" Lt.
R = 1060.00'
L = 256.91'
T = 129.09'
E = 7.83'



PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08/23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08/23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08/23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

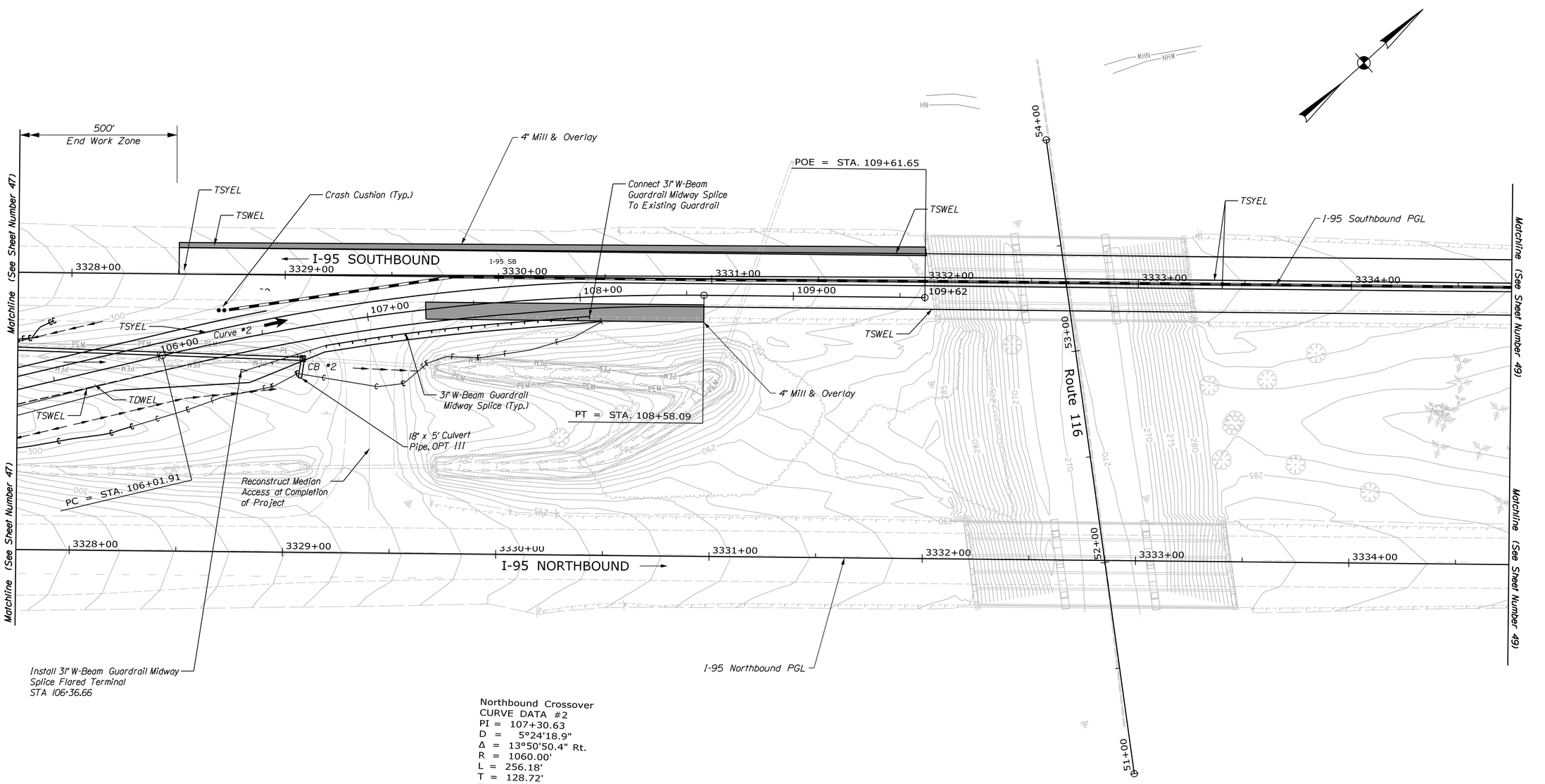
DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 NORTHBOUND

SHEET NUMBER
47
OF 168

Filename: ...\Sheet Files\065_TCPlan2.dgn Division: Username: jfitzpatrick Date:10/3/2023



Northbound Crossover
CURVE DATA #2
PI = 107+30.63
D = 5°24'18.9"
Δ = 13°50'50.4" Rt.
R = 1060.00'
L = 256.18'
T = 128.72'
E = 7.79'

NOTE

1. Item 644.31 Glare Foils - Temporary shall be installed on the temporary concrete barrier for a 450' distance where Northbound roadway adjoins Southbound roadway, approximately STA 3328+74 to 3333+24

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

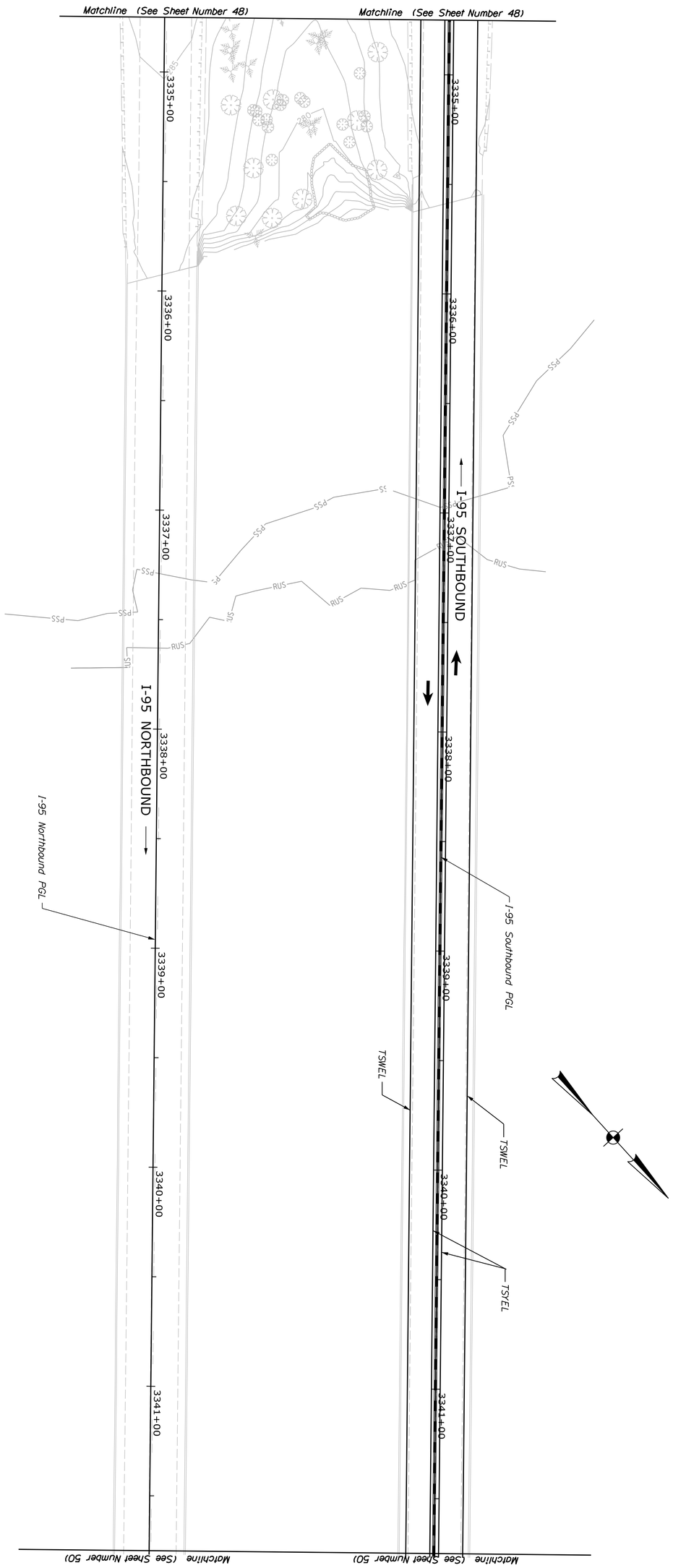
DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 NORTHBOUND

SHEET NUMBER
48
OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\066_TCPlan3.dgn



PLAN

Scale of Feet: 25 0 25 50

SHEET NUMBER 49 OF 168

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS I-95 NORTHBOUND

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

Username: jfitzpatrick Date:10/3/2023
Division:
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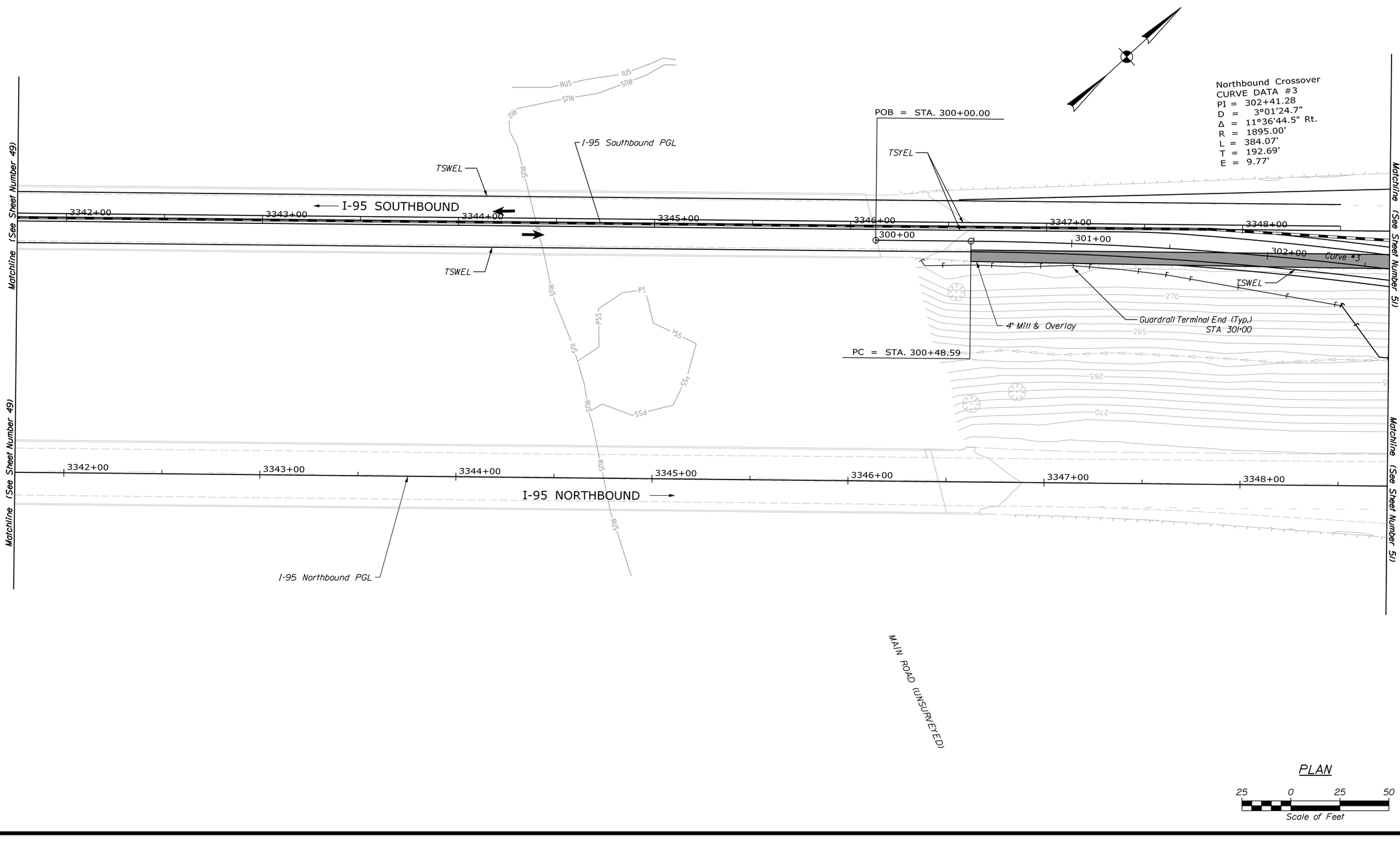


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

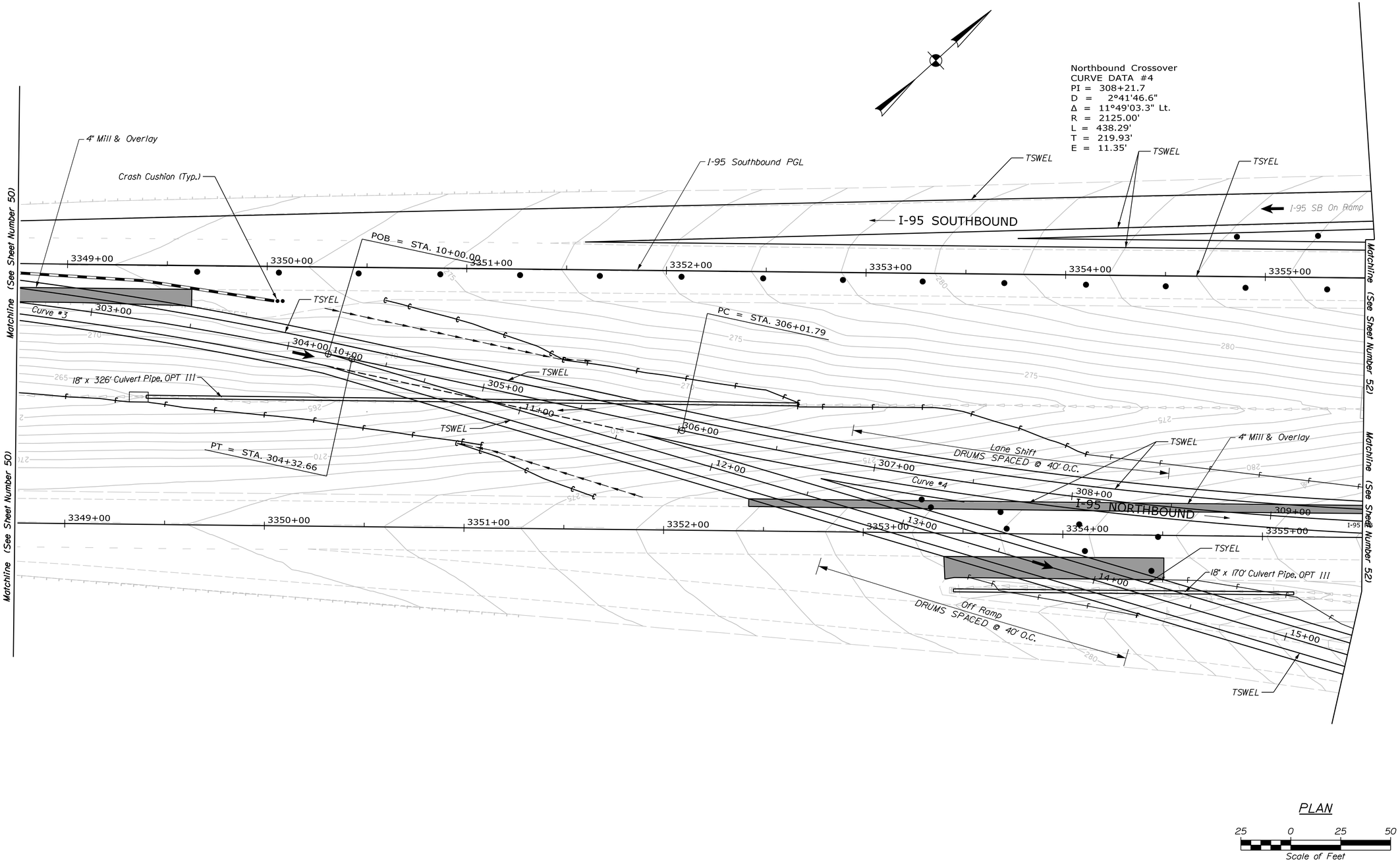
P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 NORTHBOUND

SHEET NUMBER
50
OF 168



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS I-95 NORTHBOUND

SHEET NUMBER

51

OF 168

Filename: ...\Sheet Files\069_TCPlan6.dgn Division: Username: jfitzpatrick Date:10/3/2023

Username: jfitzpatrick Date:10/3/2023
Division:
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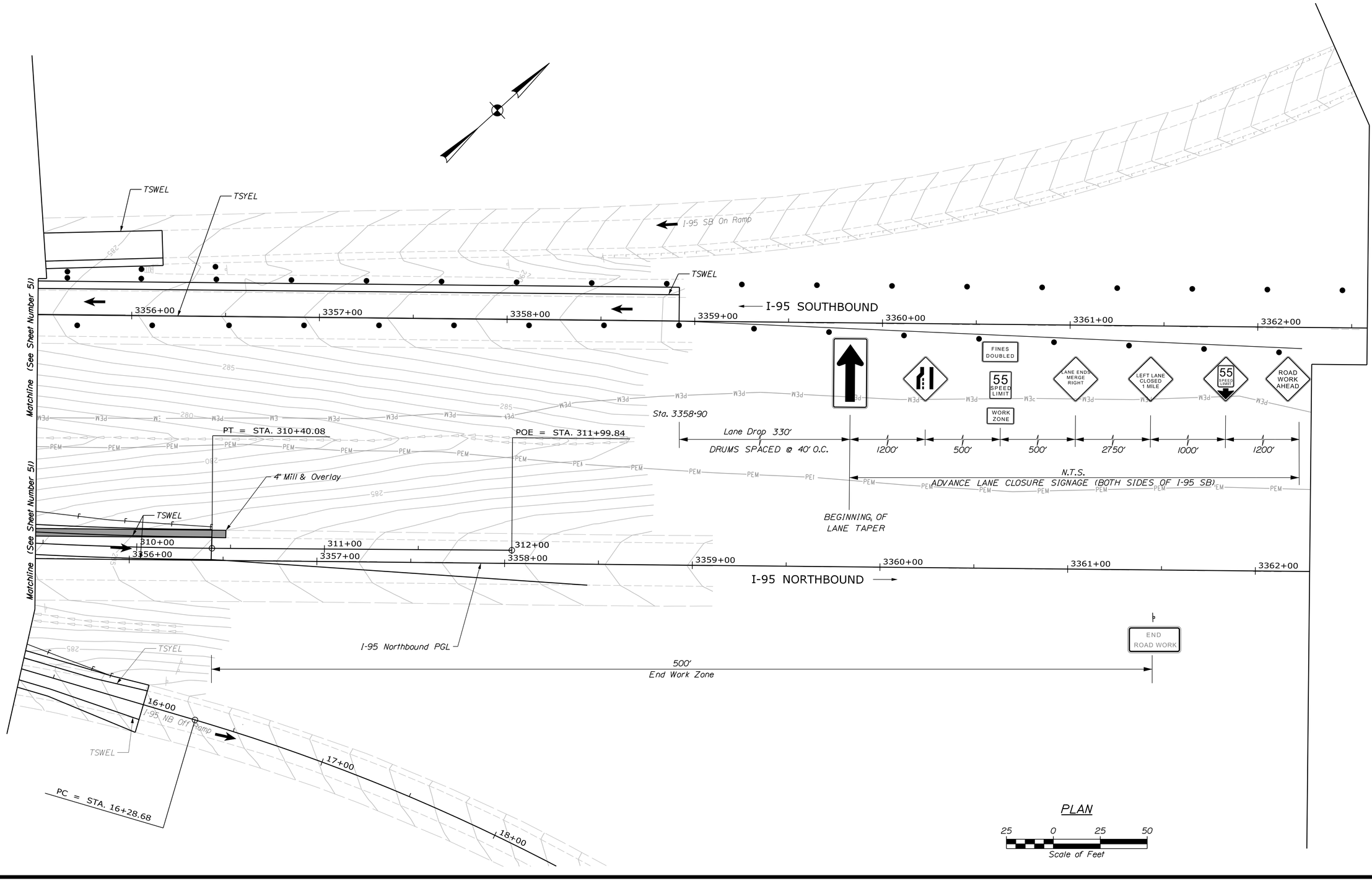


PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	08/23
REVISIONS 1	N. EDMAN	08/23
REVISIONS 2	J. FITZ	08/23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

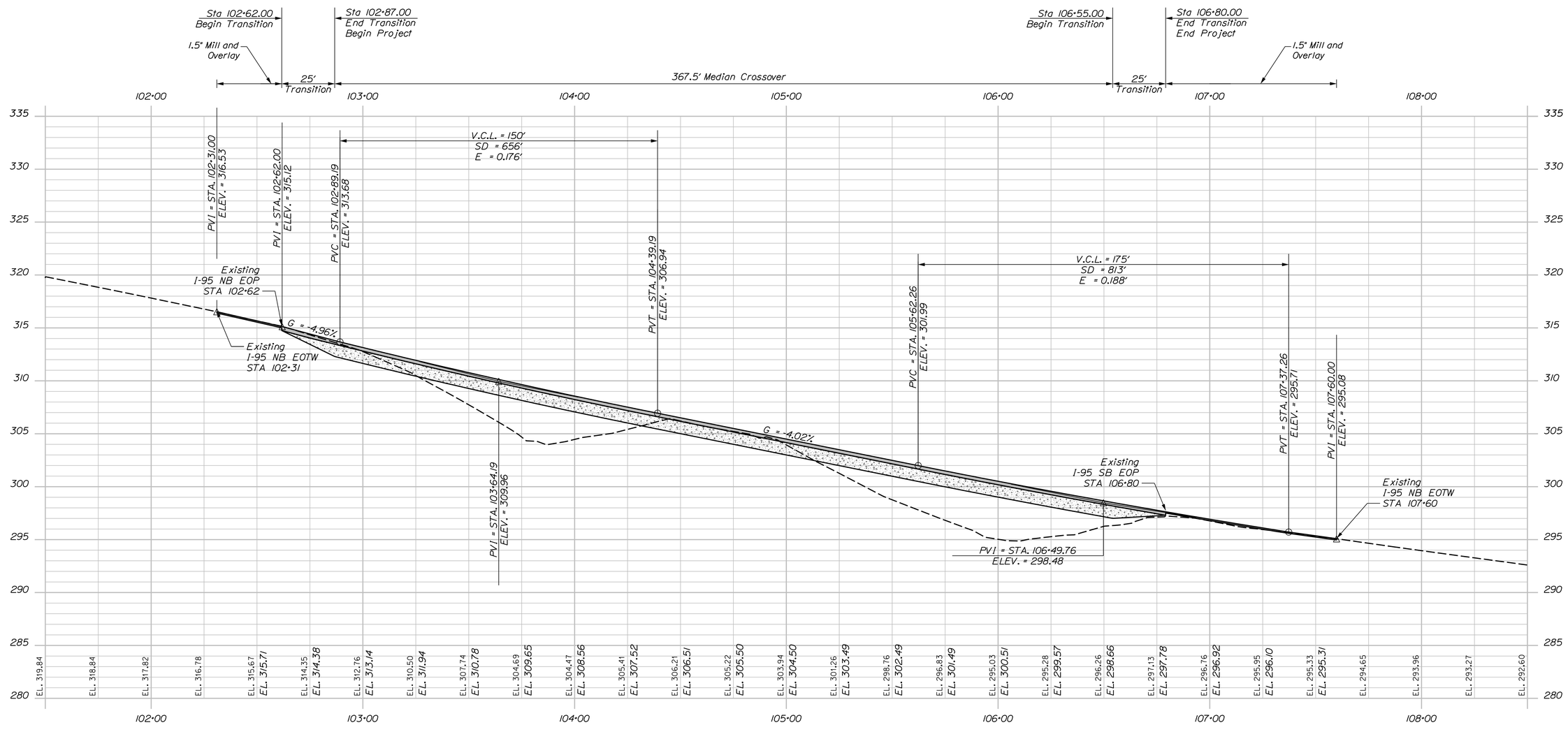
DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 NORTHBOUND

SHEET NUMBER
52
OF 168

Filename: ...\082_Profile_NB_Crossover-South.dgn Division: Username: jfitzpatrick Date:10/3/2023



PROFILE

NORTHBOUND CROSSOVER, SOUTH

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

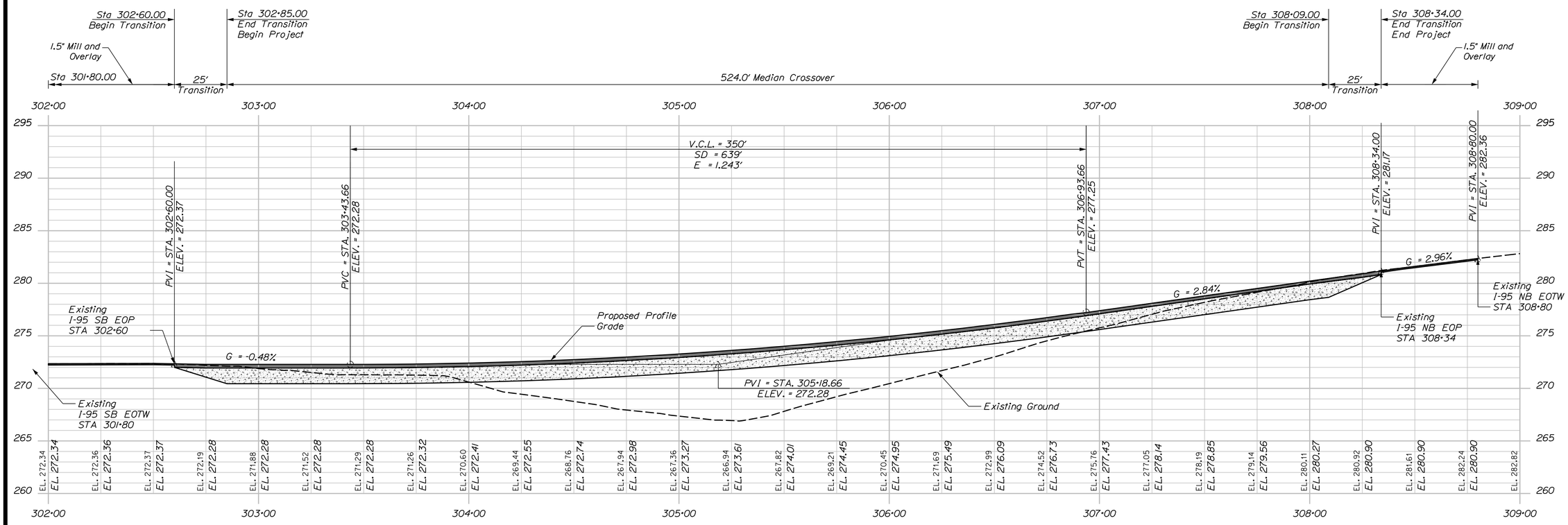
PROFILE
NB CROSSOVER - SOUTH

SHEET NUMBER

53

OF 168

Filename: ...\083_Profile_NB_Crossover - North.dgn Division:
Username: jfitzpatrick Date:10/3/2023



PROFILE
NORTHBOUND CROSSOVER, NORTH

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

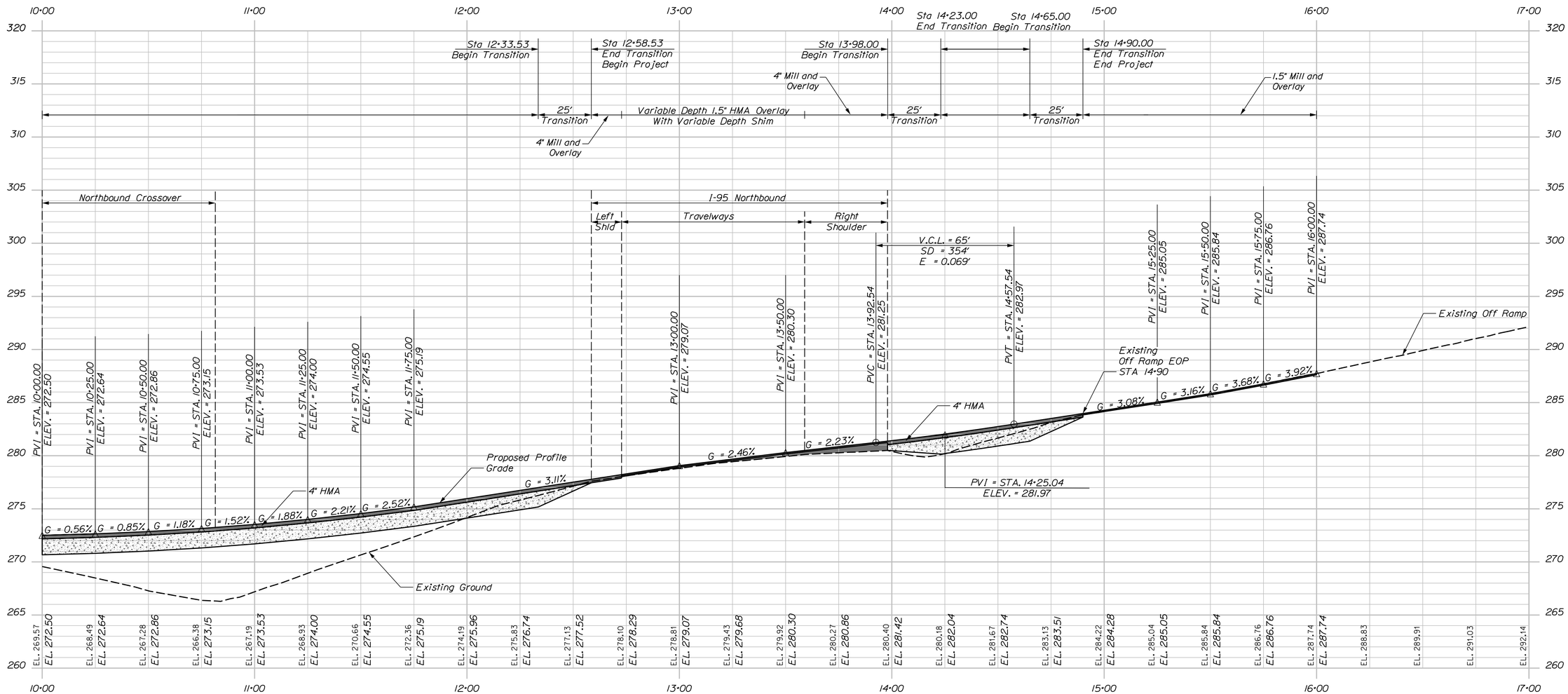
DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

PROFILE
NB CROSSOVER - NORTH

SHEET NUMBER
54
OF 168

Filename: ...\084_Profile_NB_Crossover_Off_Ramp.dgn Username: jfitzpatrick Date:10/3/2023



PROFILE

NORTHBOUND OFF RAMP, EXIT #244

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

BY	DATE
S. LINDSLEY	08-23
E. MORRISON	08-23
T. MCAULIFFE	08-23
B. COLBURN	
N. EDMAN	
J. FITZ	

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

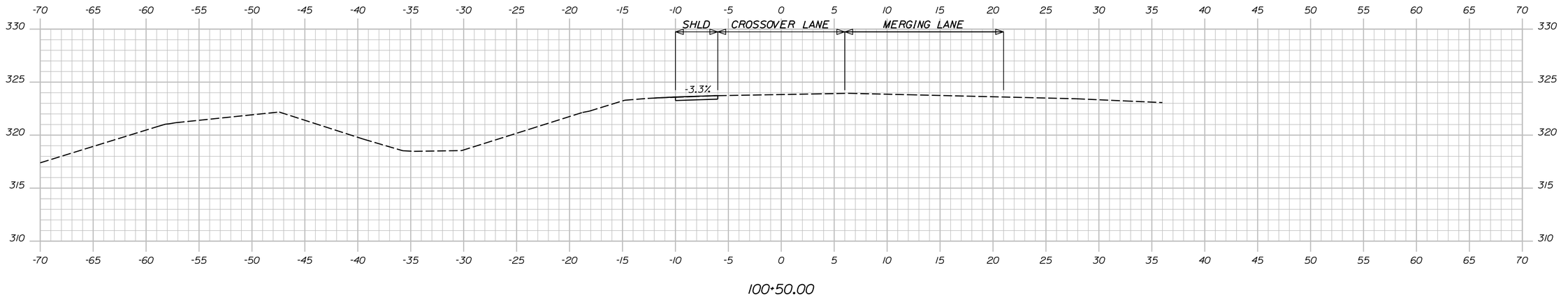
I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

PROFILE
NB CROSSOVER - OFF RAMP

SHEET NUMBER

55

OF 168



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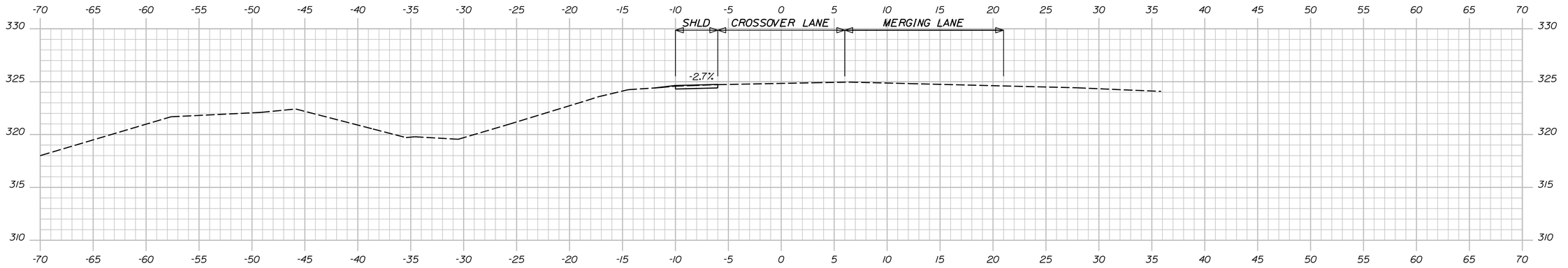

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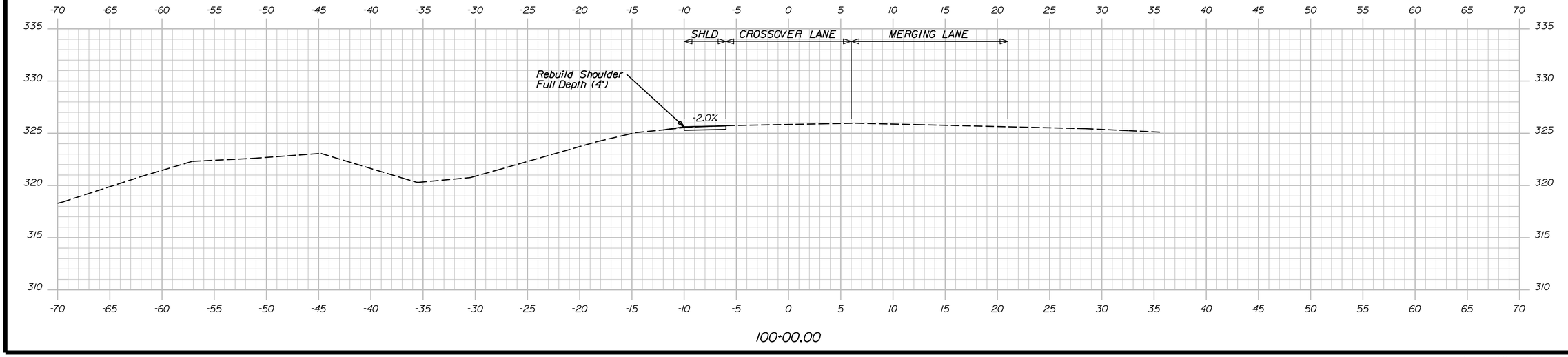


100+00.00

Sta. 100+00.00 to Sta. 100+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY
PENOBSCOT

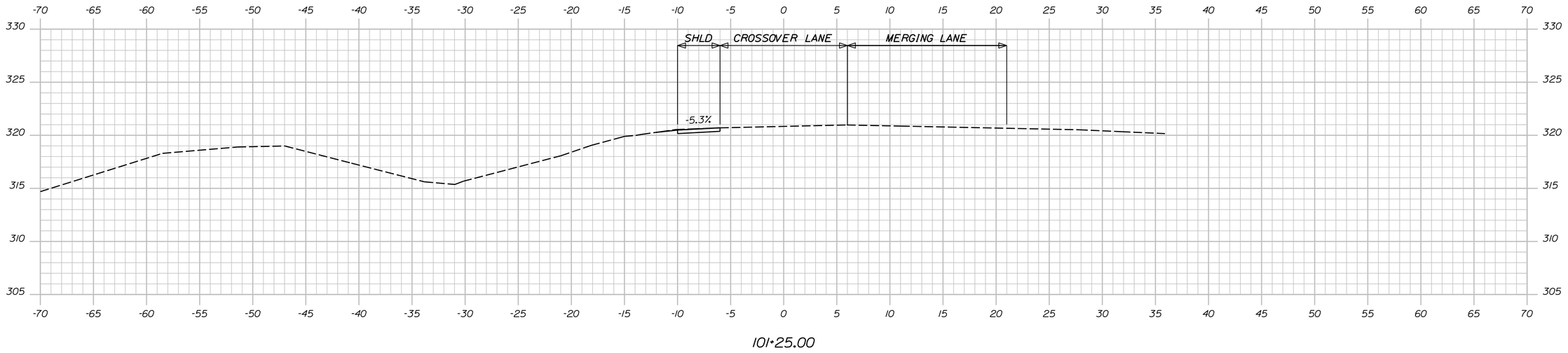
NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

56

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\XSect NB XOver.dgn



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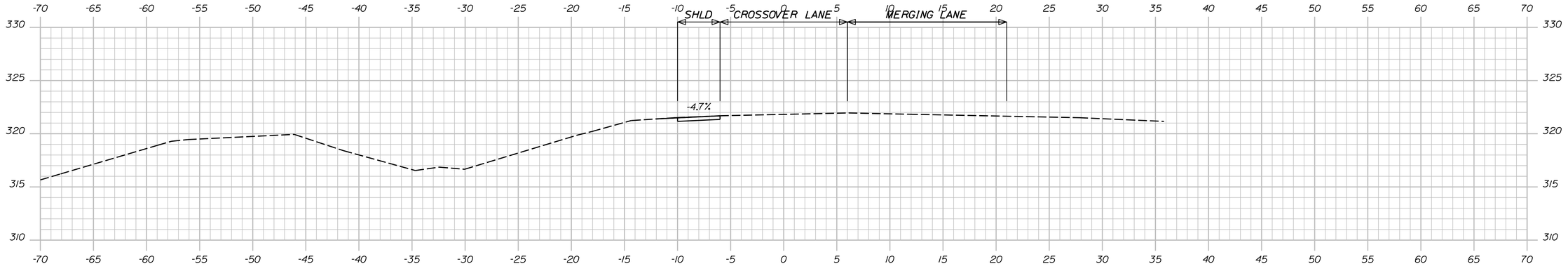

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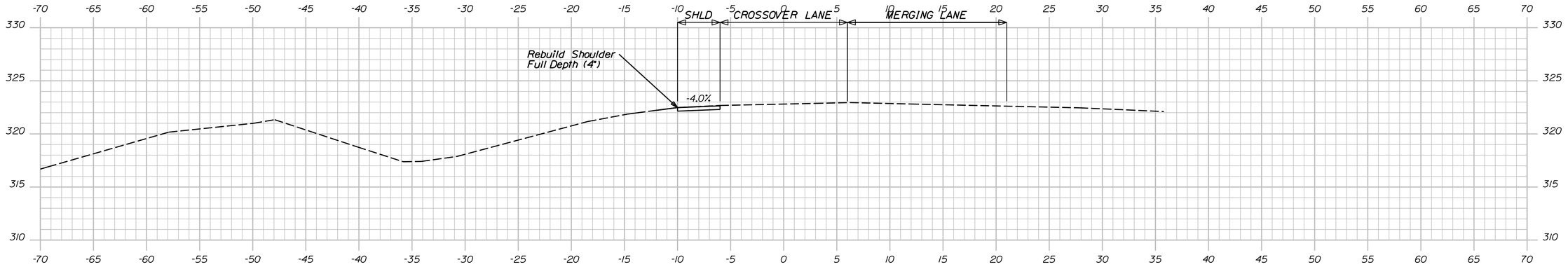


100+75.00

Sta. 100+75.00 to Sta. 101+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

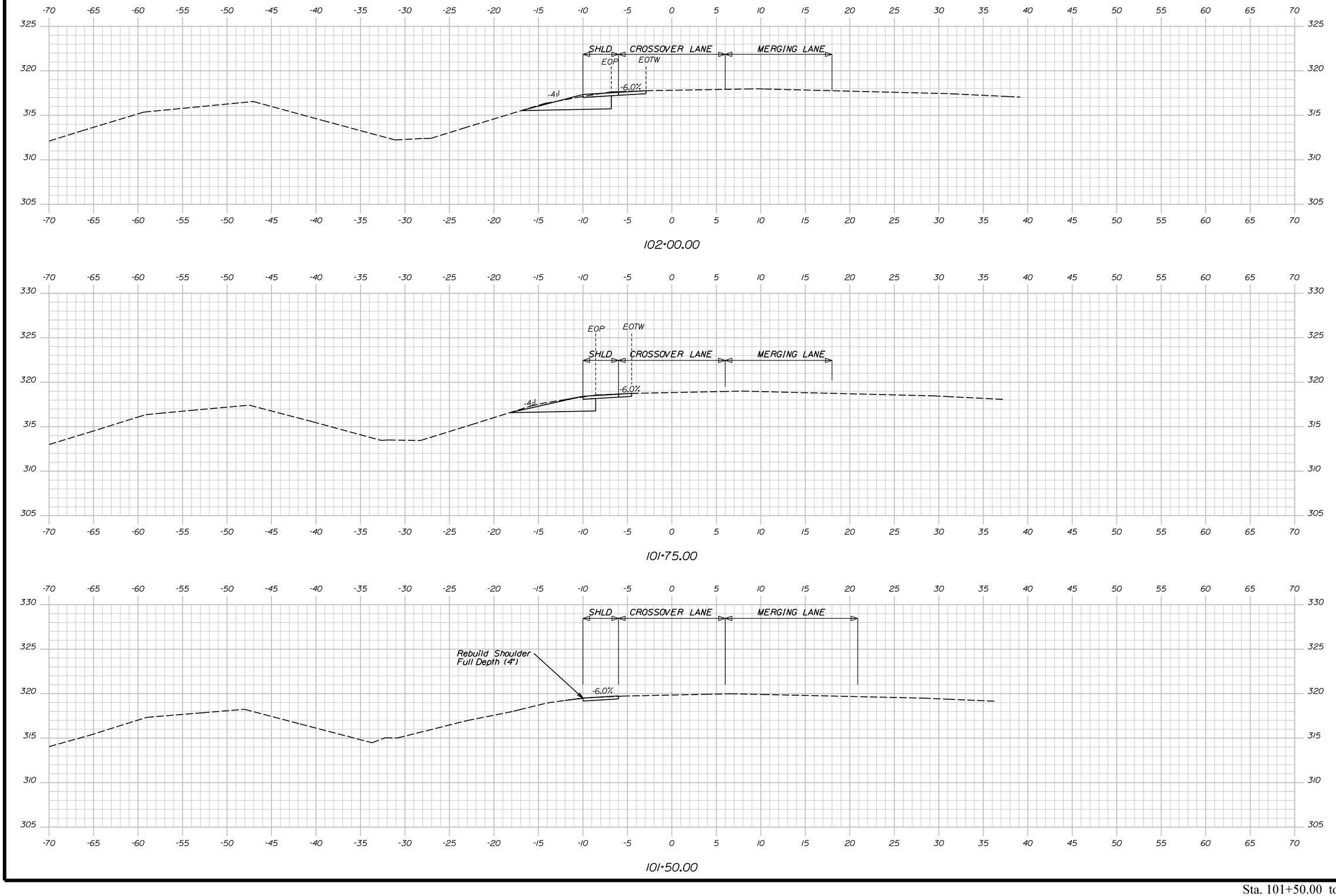
NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

57

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

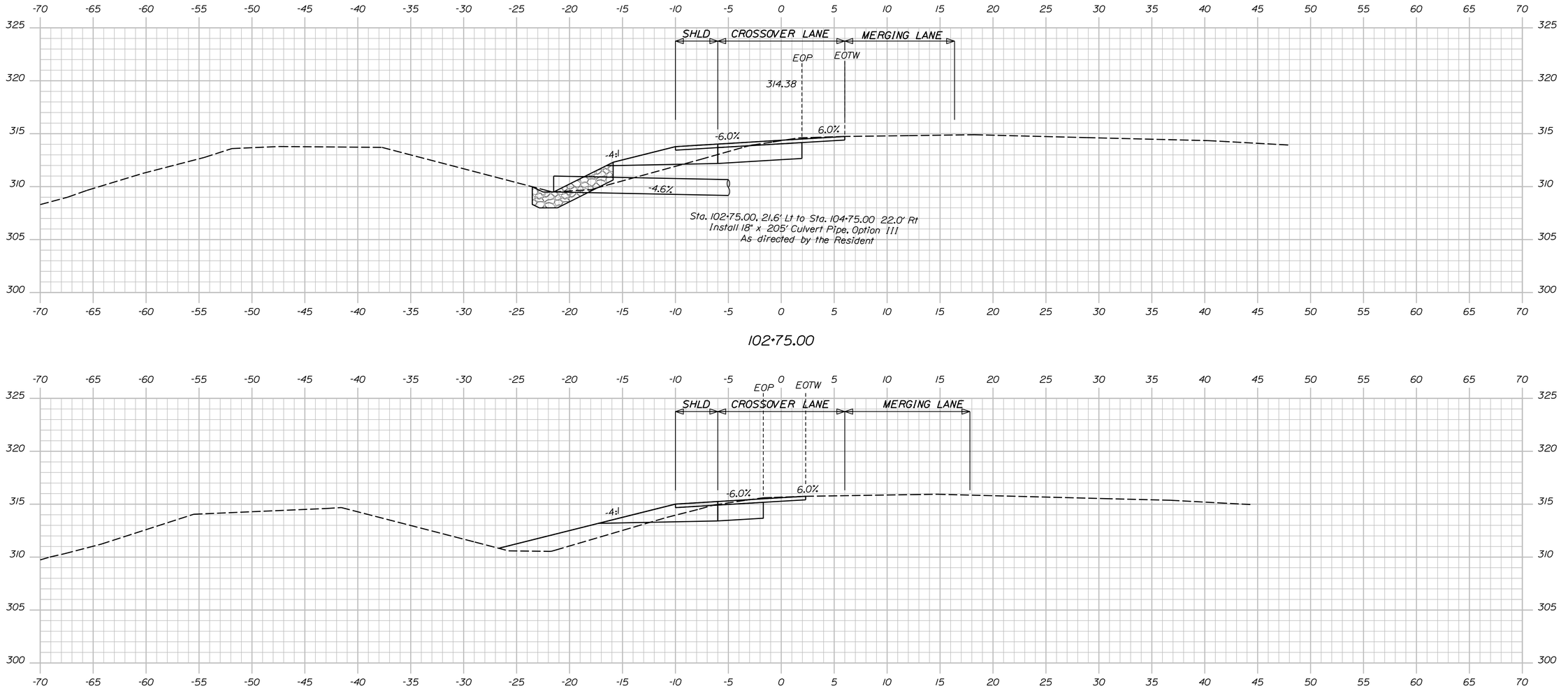
58

OF 168

Sta. 101+50.00 to Sta. 102+00.00

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:

Username: jfitzpatrick Date:10/3/2023



Sta. 102+25.00 to Sta. 102+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01, 25631.02, 25631.04, 25631.05, 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN
DESIGN2-DETAILED2	N. EDMAN	J. FITZ
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

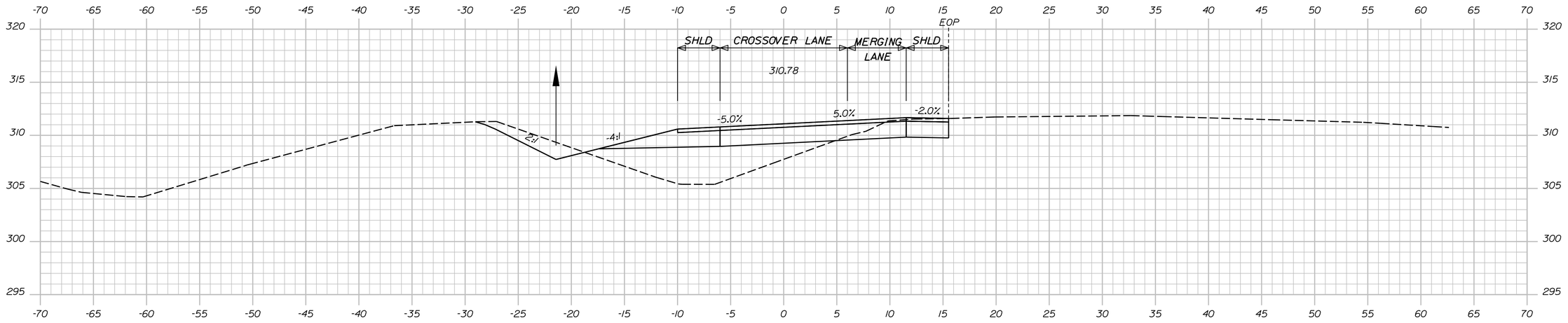
NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

59

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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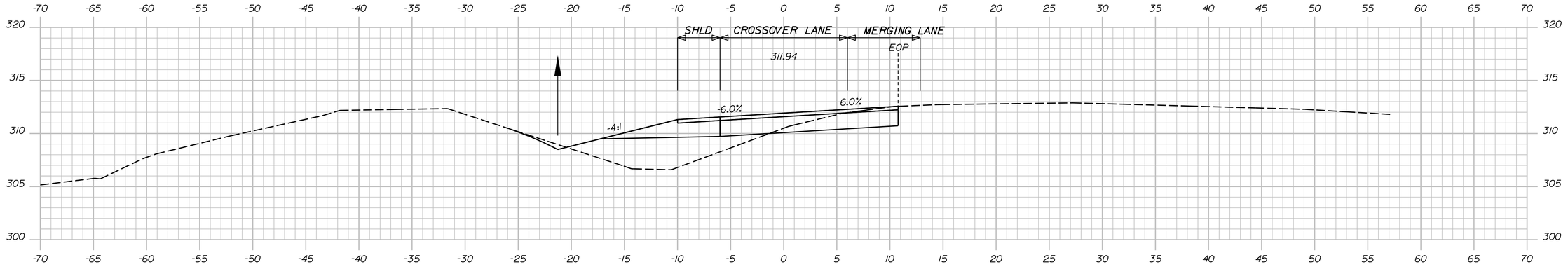

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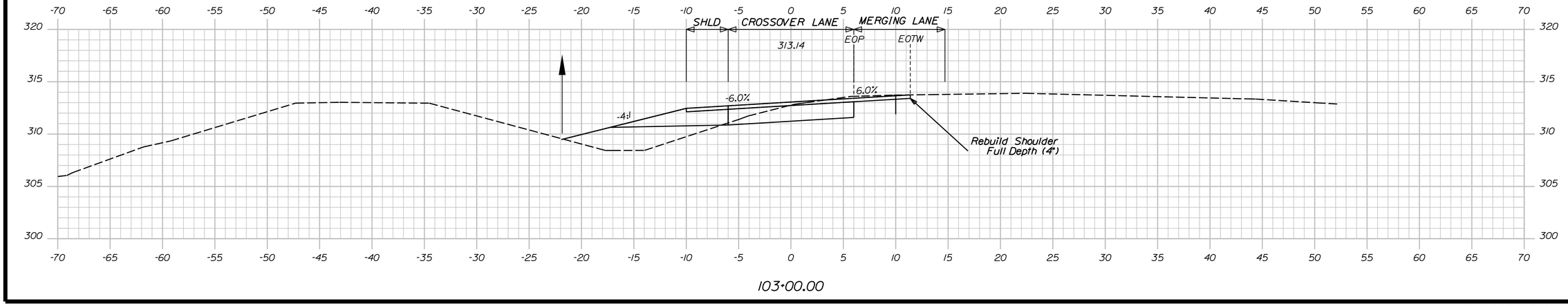


103+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

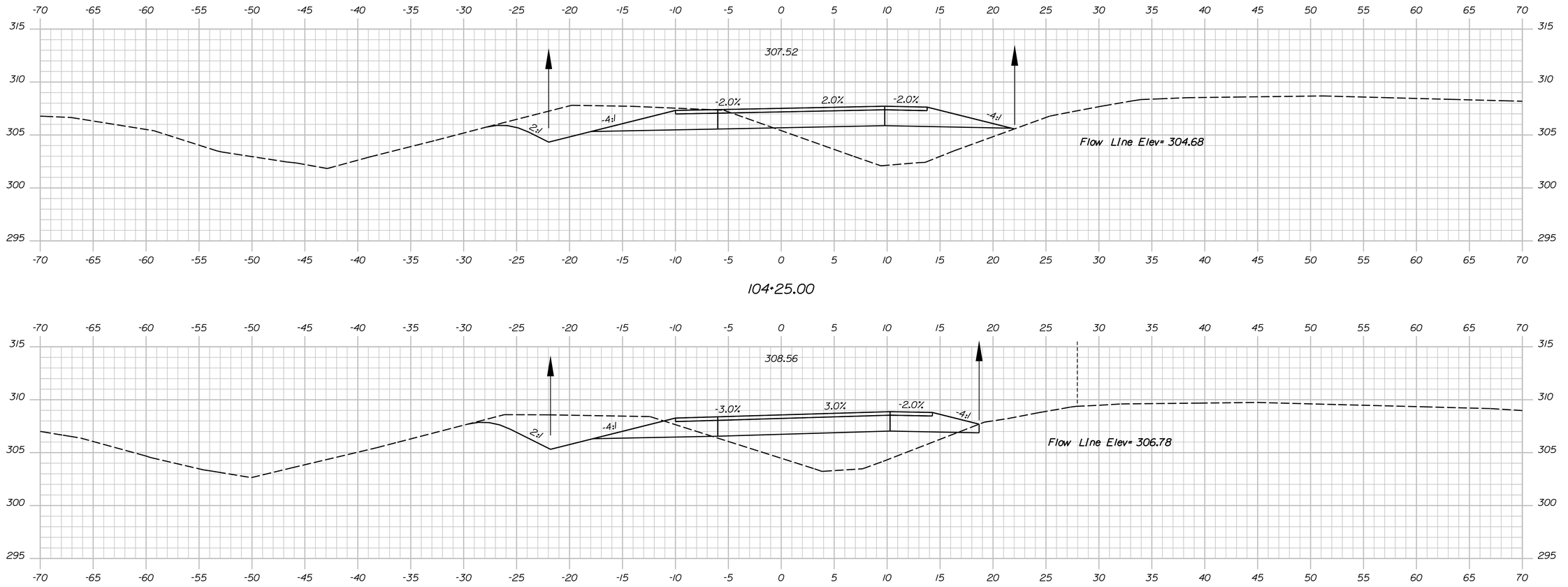
60

OF 168

Sta. 103+00.00 to Sta. 103+50.00

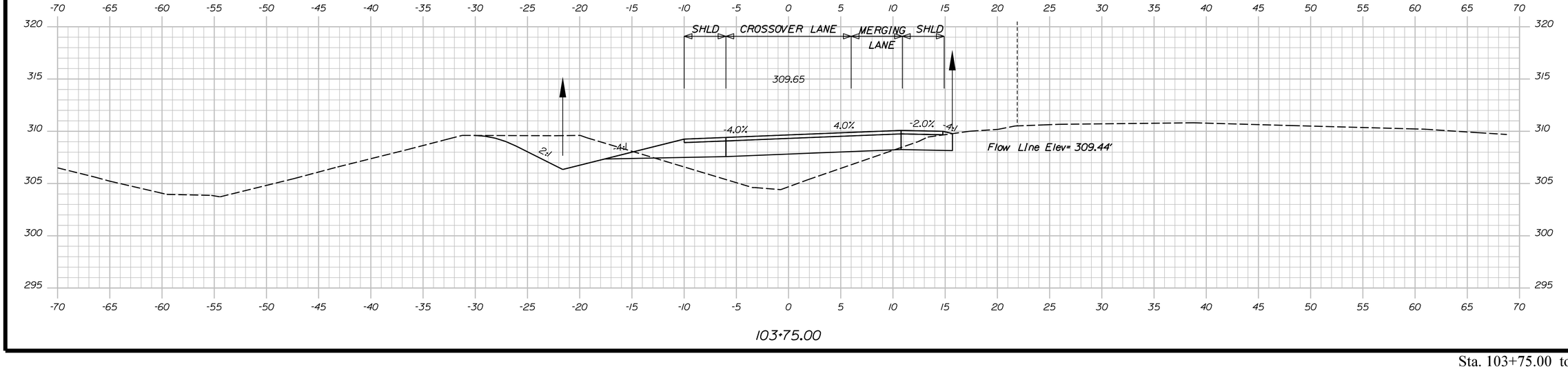
Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:



104+25.00

104+00.00



103+75.00

Sta. 103+75.00 to Sta. 104+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

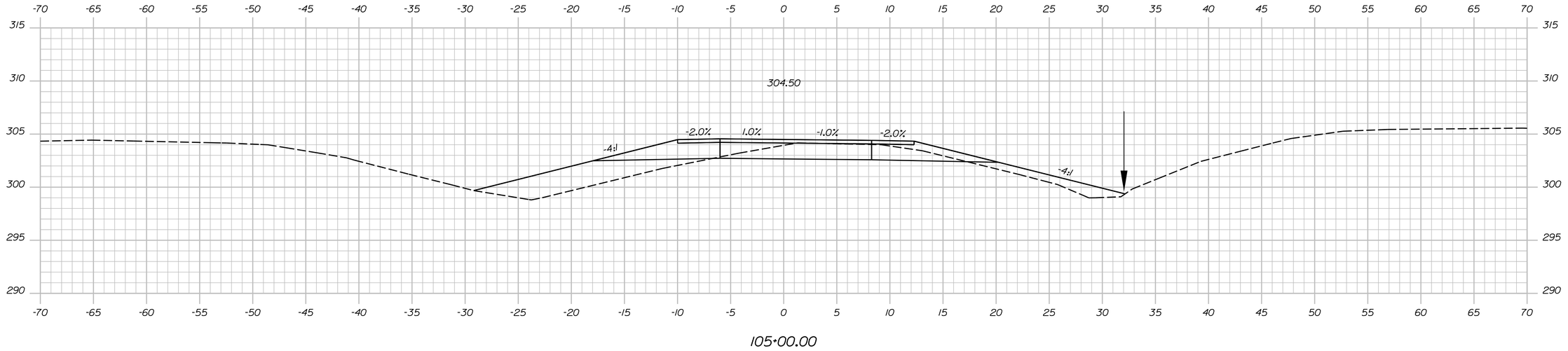
SHEET NUMBER

61

OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:



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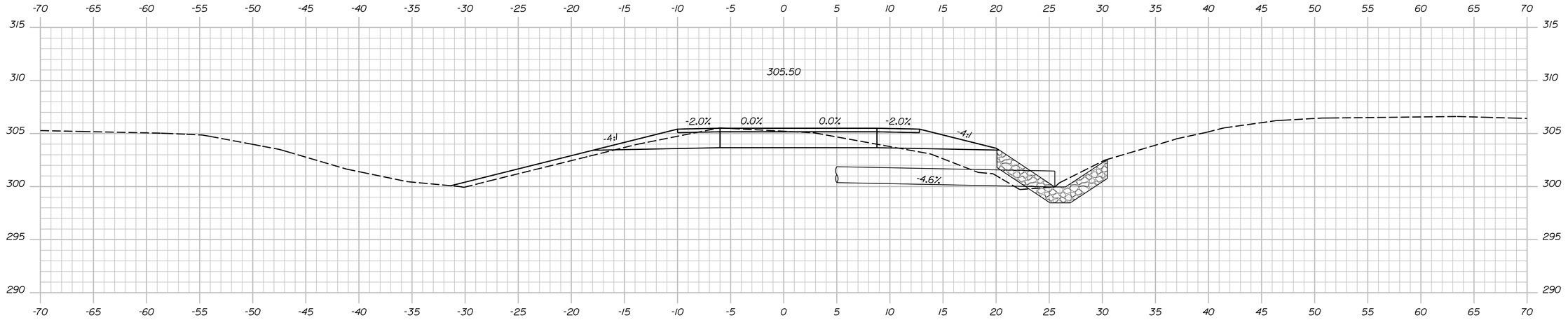

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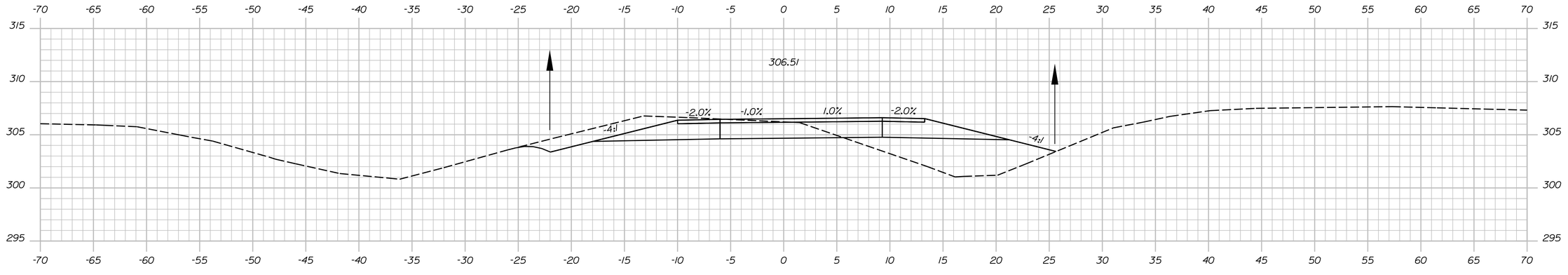


104+50.00

Sta. 104+50.00 to Sta. 105+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08/23
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON 08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN 08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ 08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

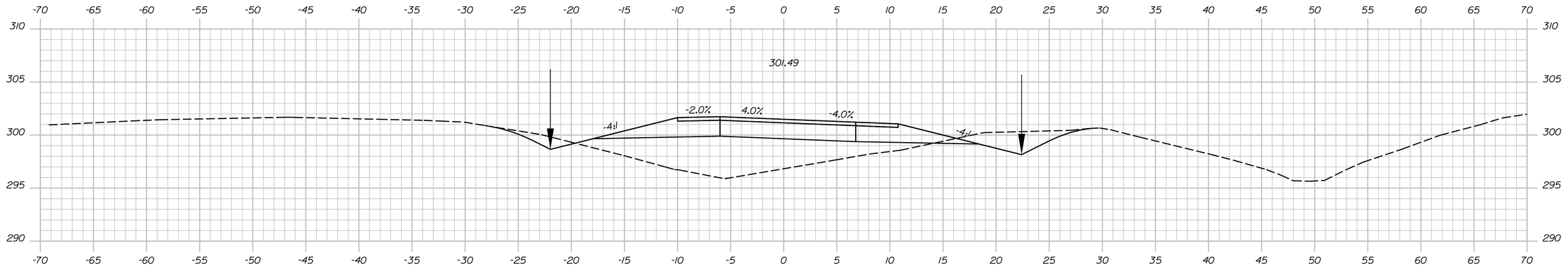
NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

62

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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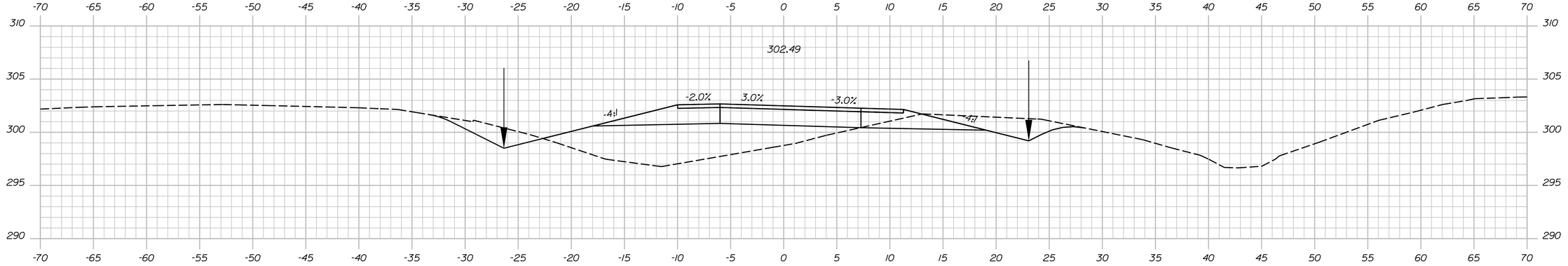

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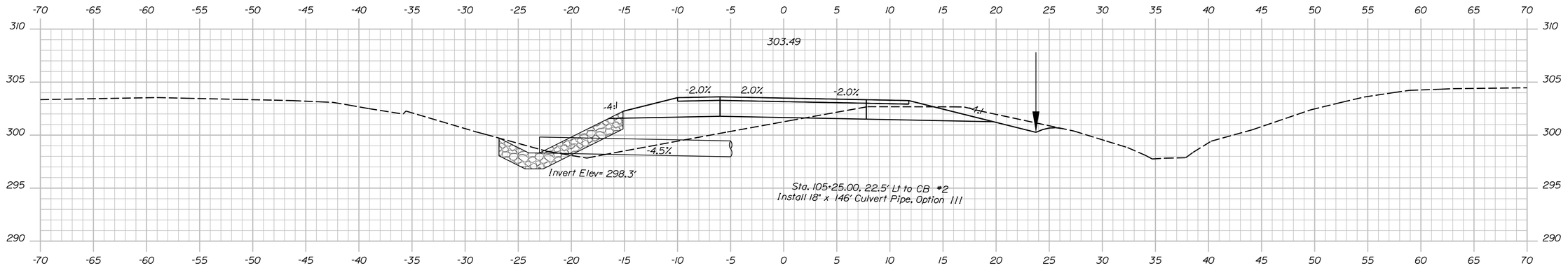


105+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

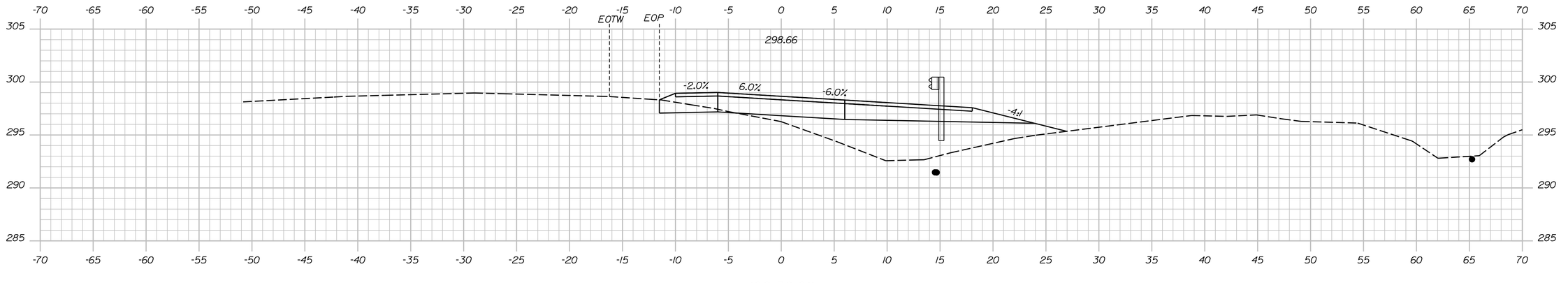
SHEET NUMBER

63

OF 168

Sta. 105+25.00 to Sta. 105+75.00

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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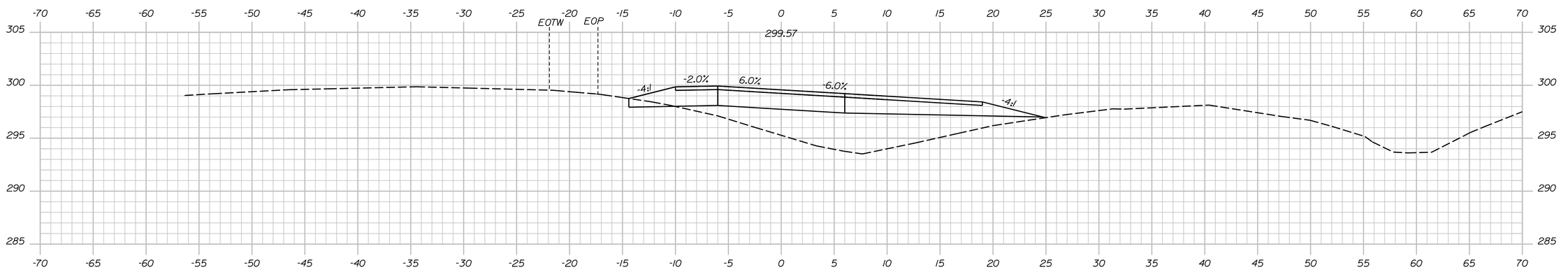

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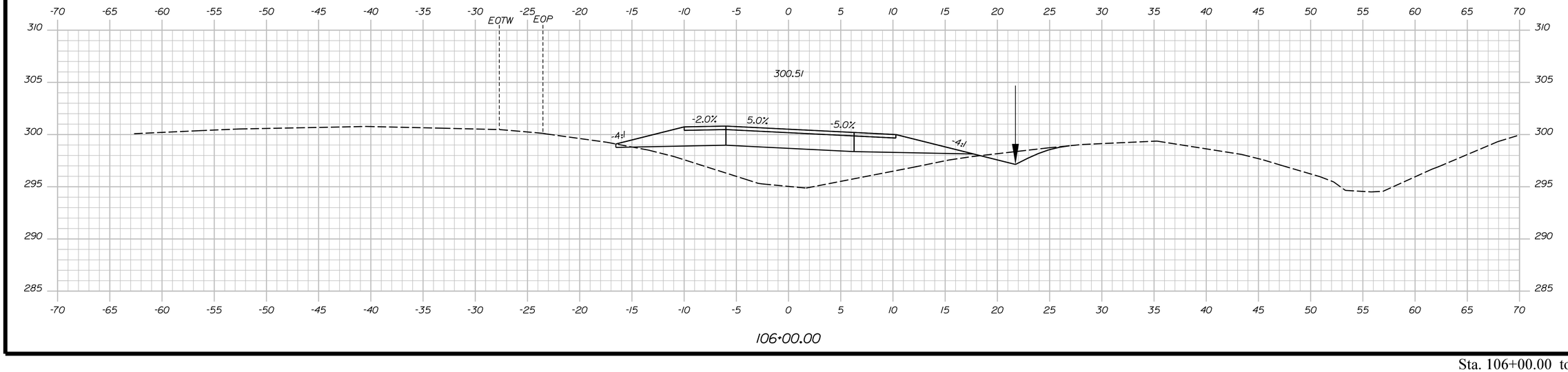


106+00.00

Sta. 106+00.00 to Sta. 106+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

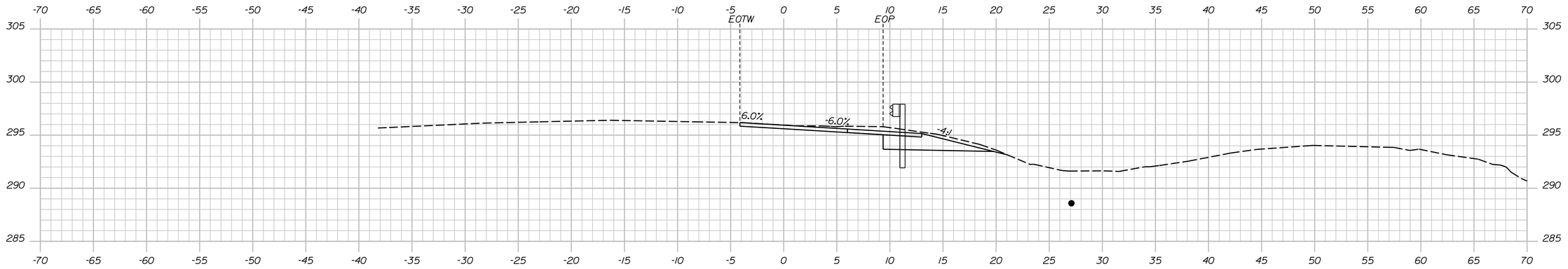
SHEET NUMBER

64

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:

Username: jfitzpatrick Date:10/3/2023



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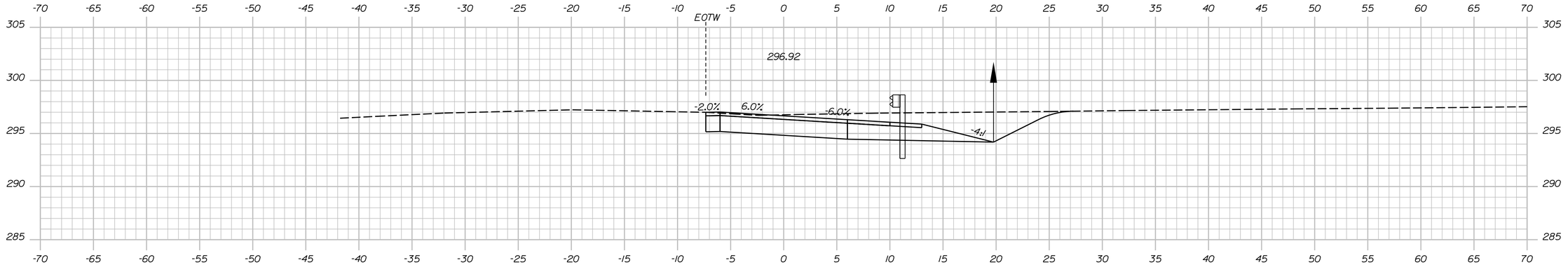

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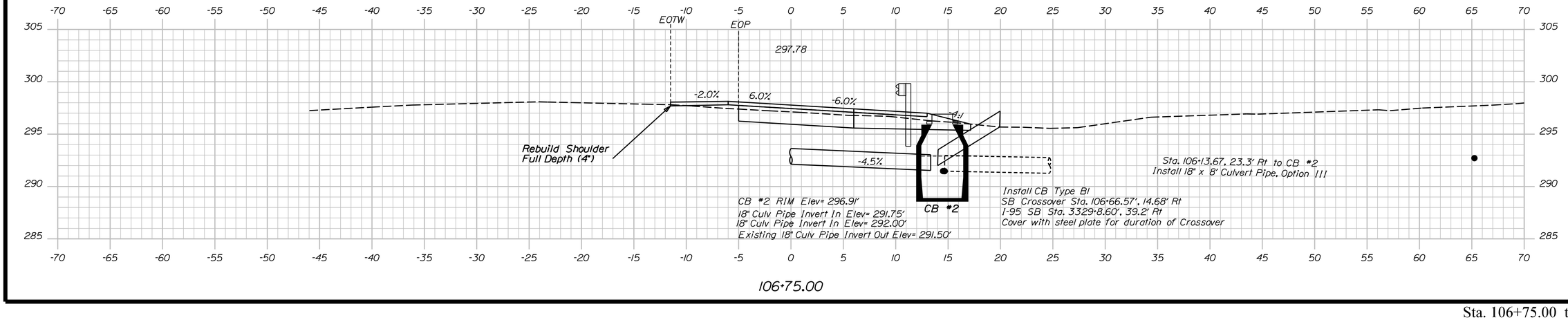


106+75.00

Sta. 106+75.00 to Sta. 107+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH
CROSS SECTIONS

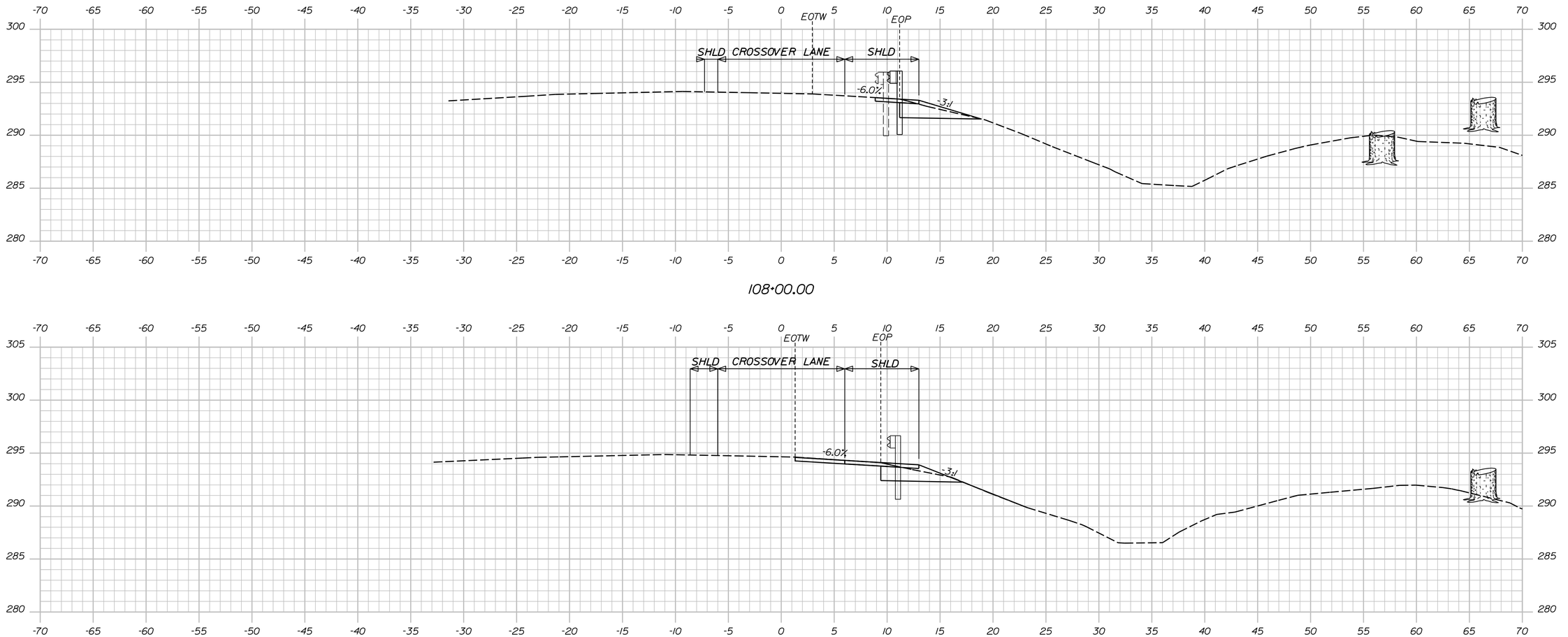
SHEET NUMBER

65

OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:



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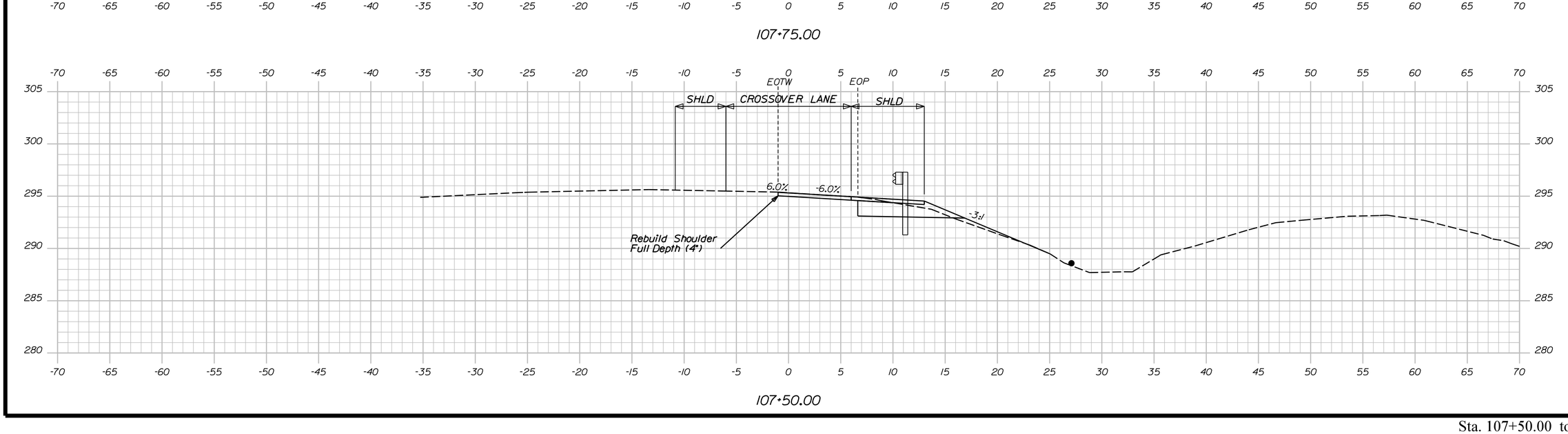

107+75.00

107+50.00

Sta. 107+50.00 to Sta. 108+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

66

OF 168

Username: jfitzpatrick Date:10/3/2023
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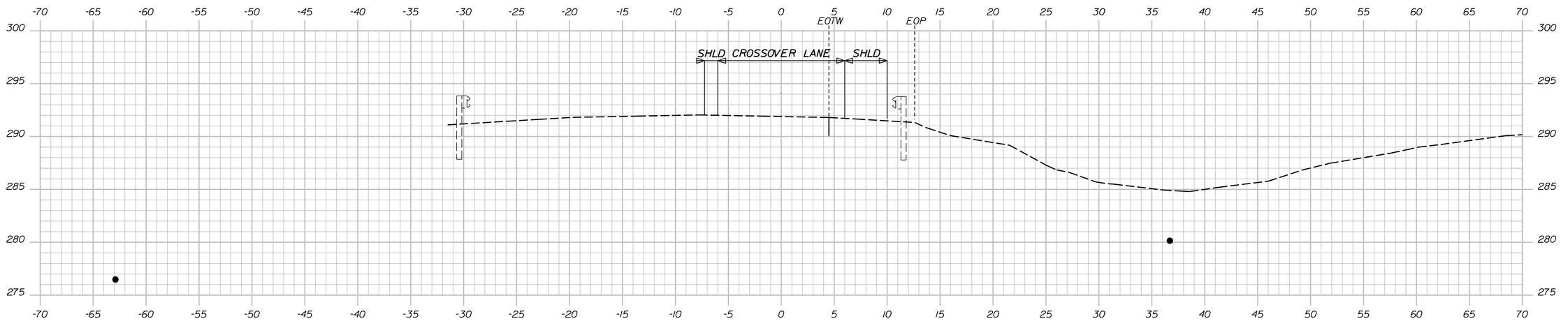

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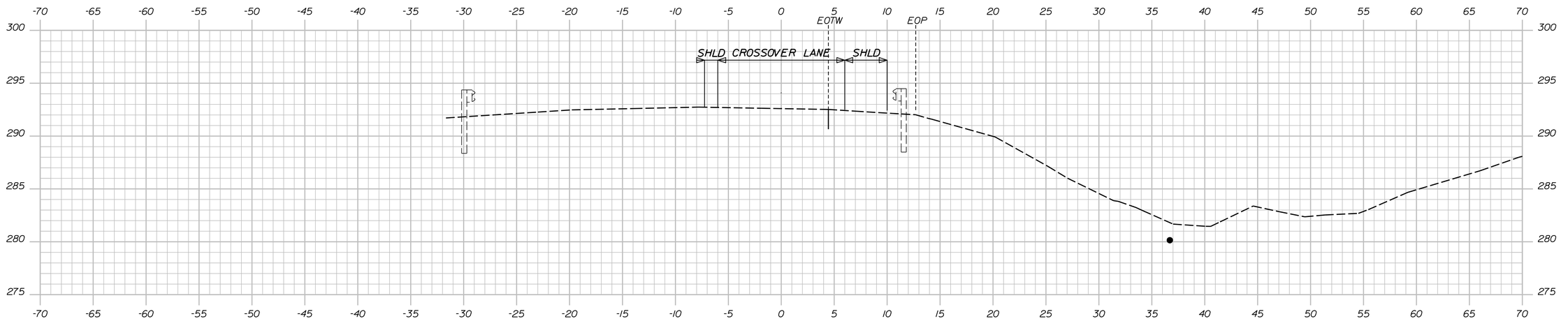

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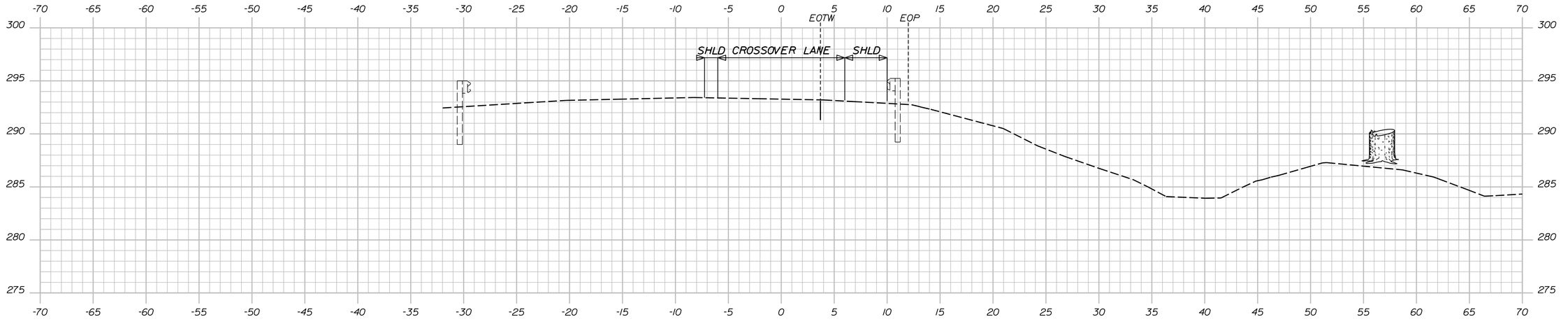

108+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

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OF 168

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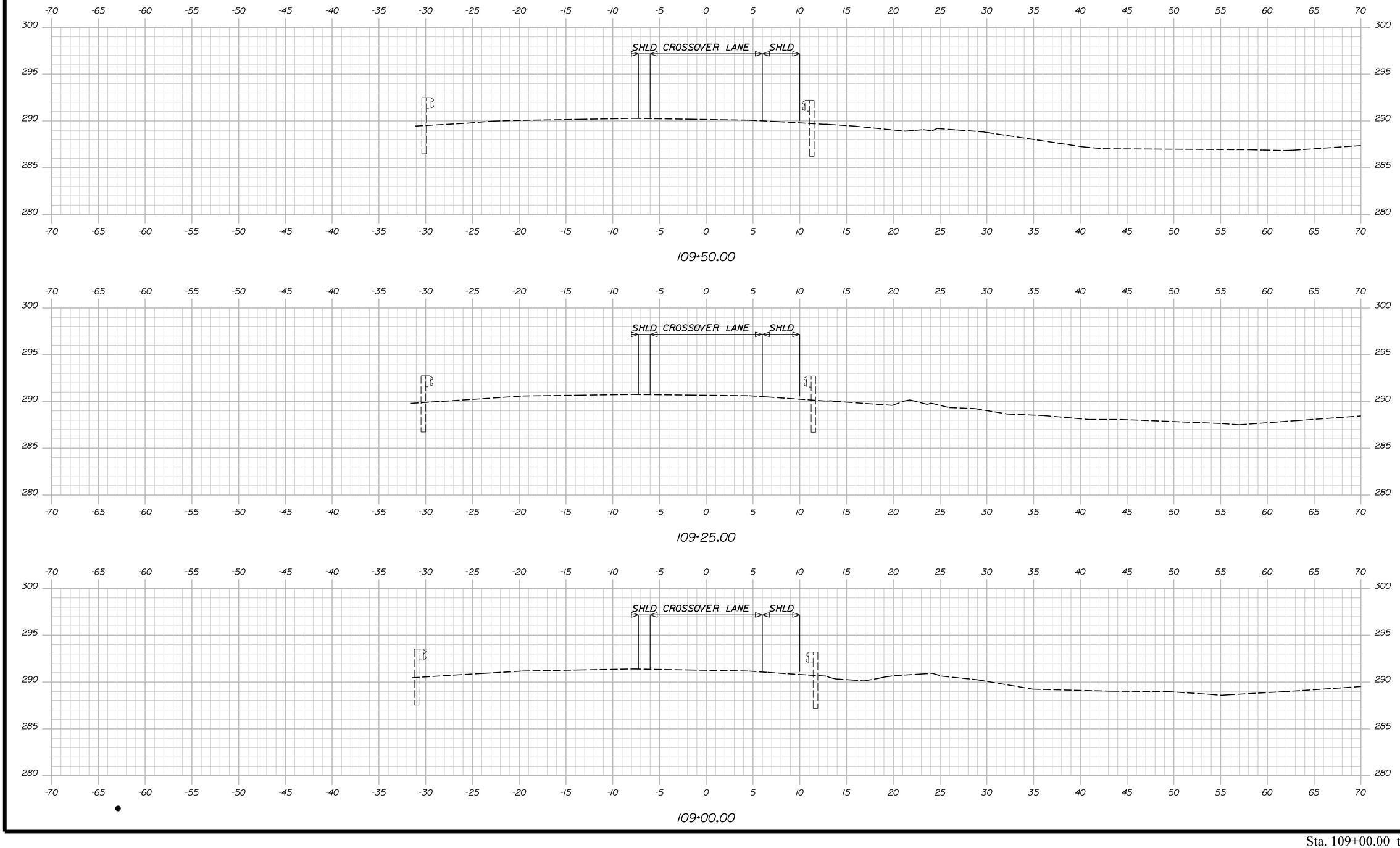

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

68

OF 168

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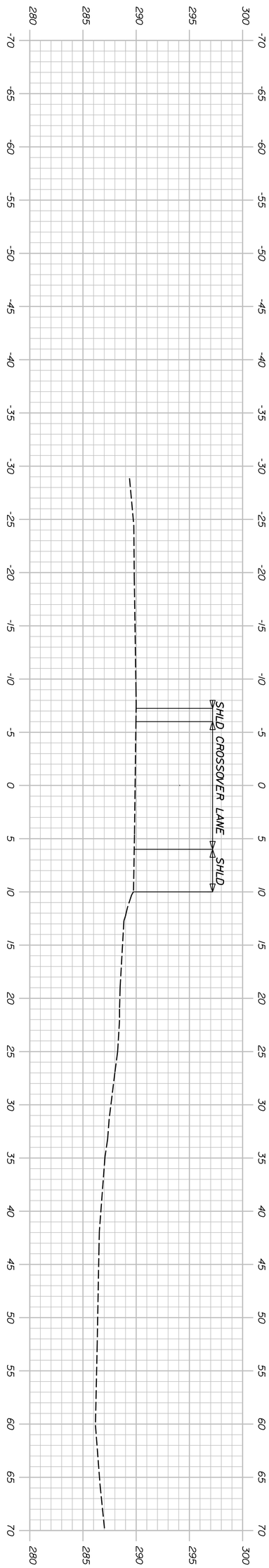


109+61.65

Sta. 109+61.65 to Sta. 109+61.65

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - SOUTH CROSS SECTIONS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

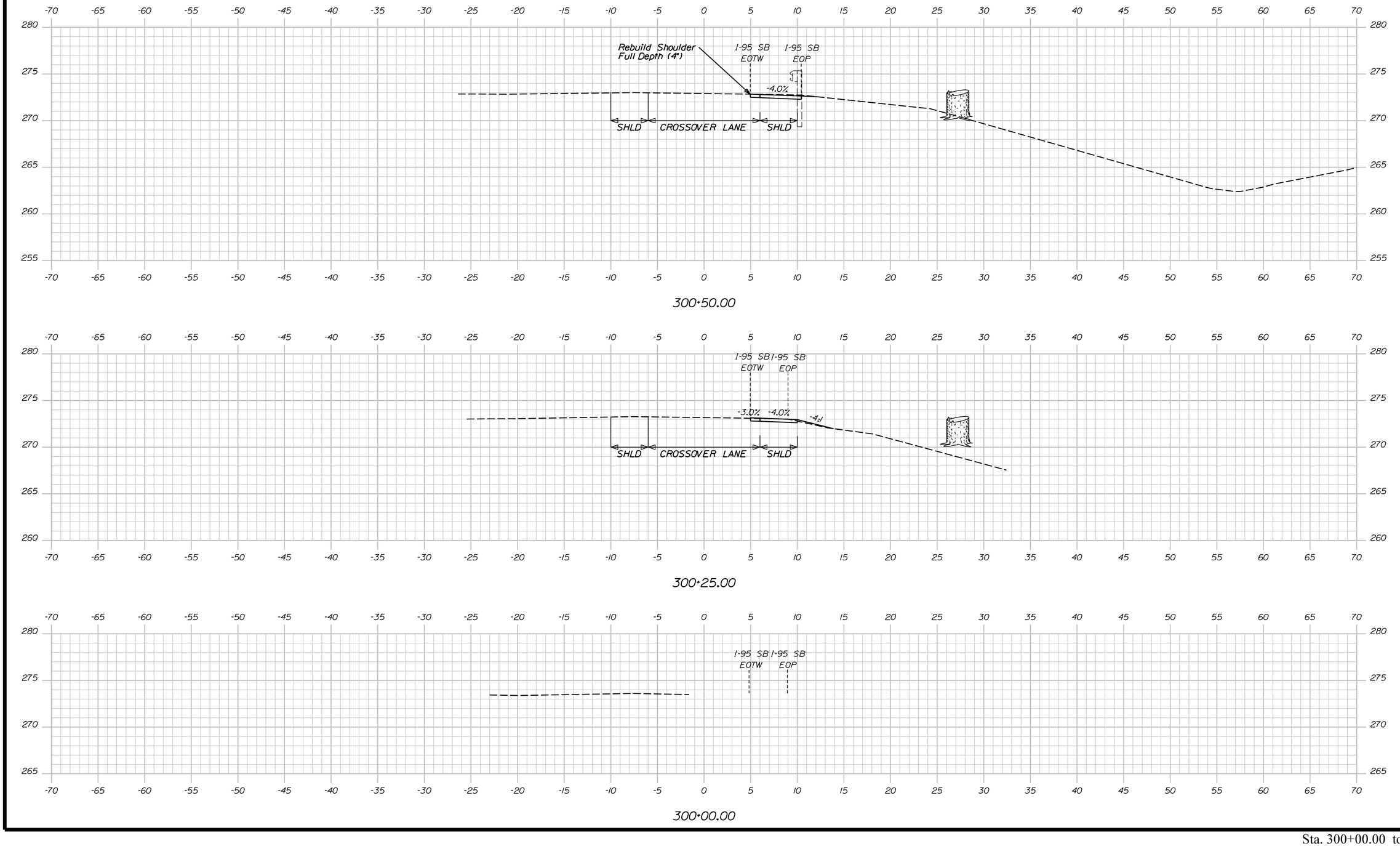
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS



Sta. 300+00.00 to Sta. 300+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	T. MCAULIFFE	08/23
DESIGN2-DETAILED2	N. EDMAN	08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY
PENOBSCOT

NB CROSSOVER - NORTH
CROSS SECTIONS

SHEET NUMBER

70

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
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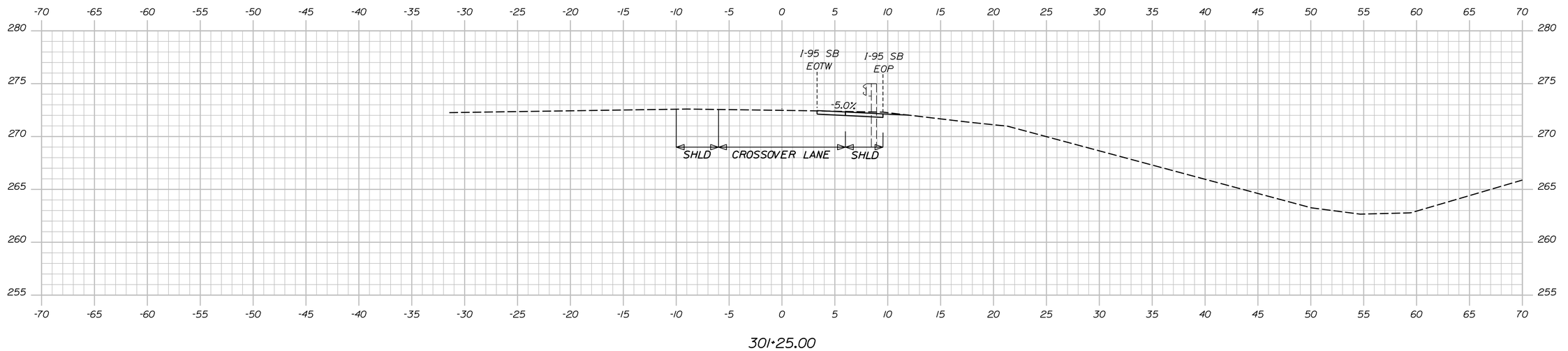

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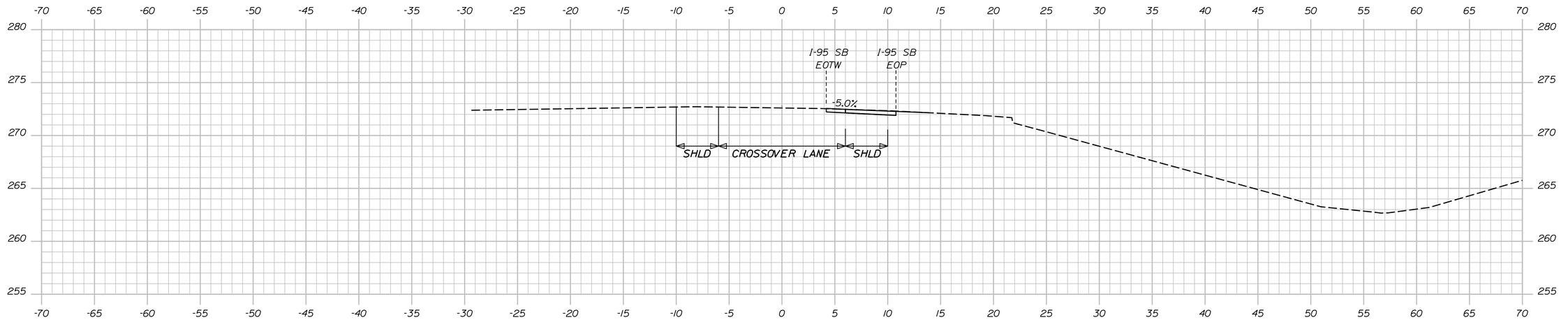

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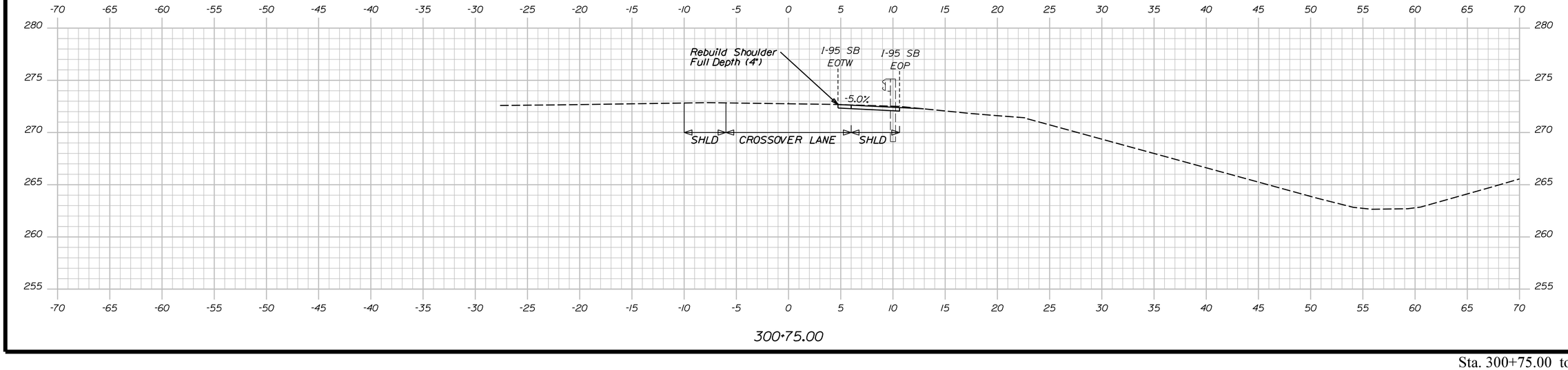


300+75.00

Sta. 300+75.00 to Sta. 301+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3	ED3		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

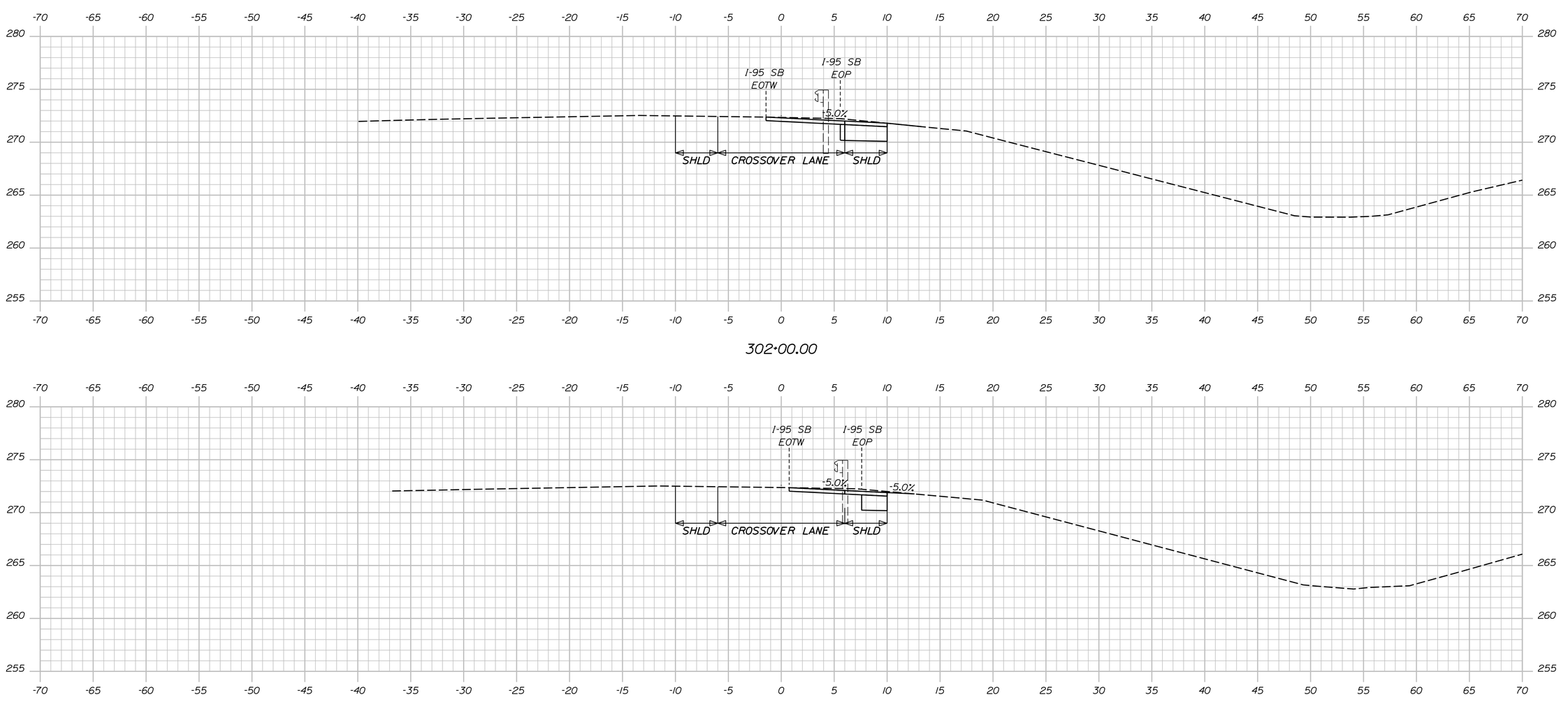
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

71

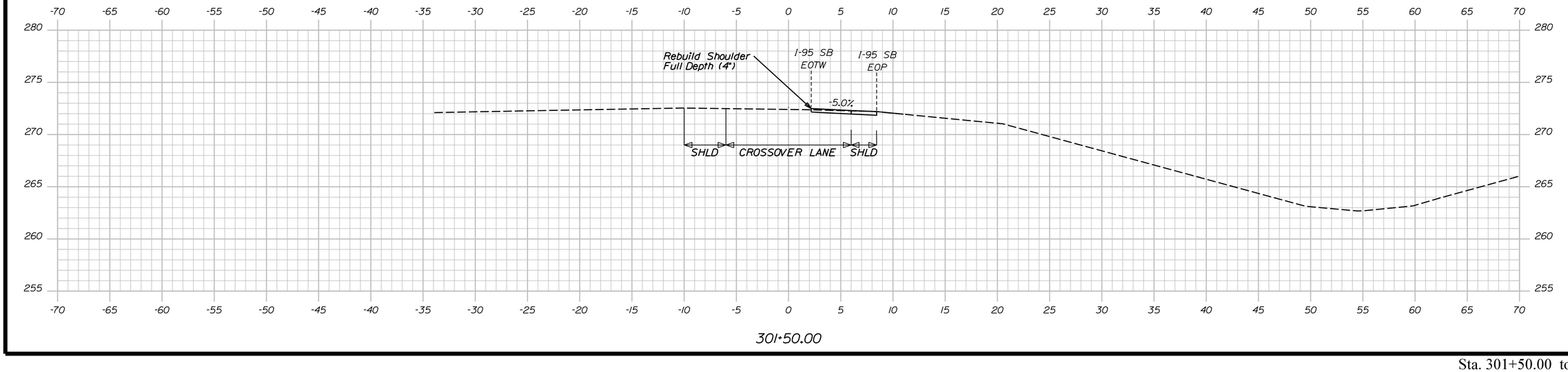
OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



302+00.00

301+75.00



301+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

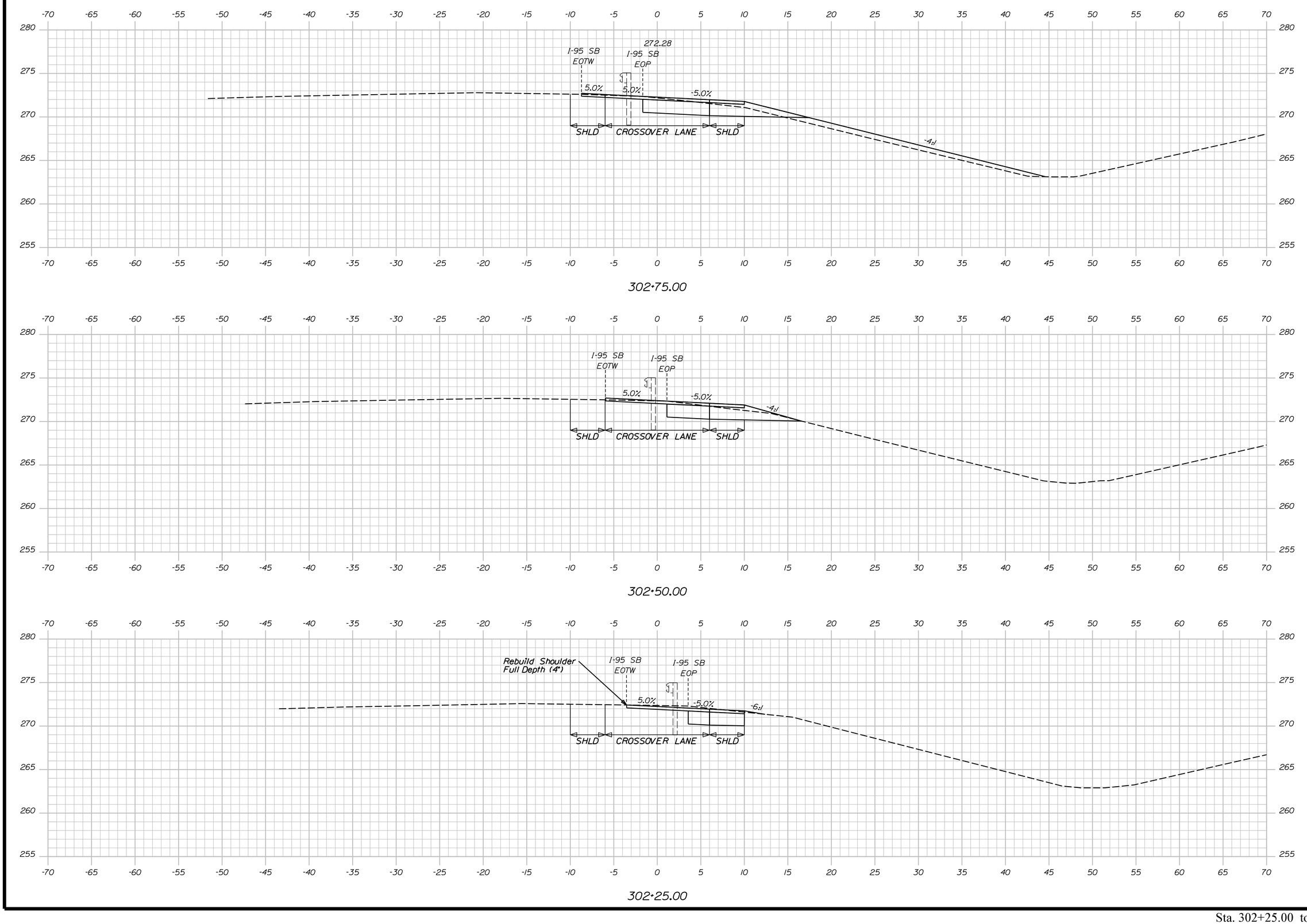
72

OF 168

Sta. 301+50.00 to Sta. 302+00.00

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:

Username: jfitzpatrick Date:10/3/2023



Username: jfitzpatrick Date:10/3/2023

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

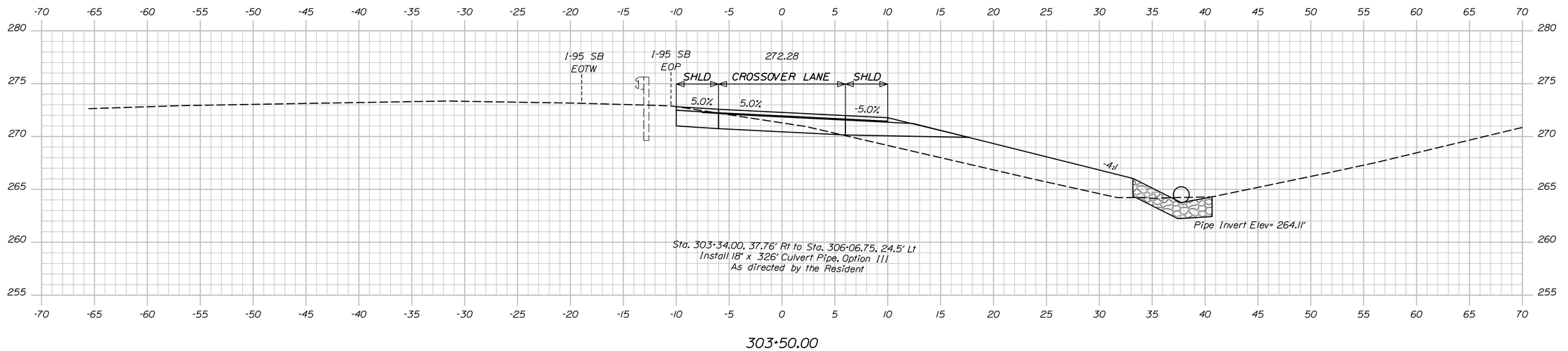
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

73

OF 168

Sta. 302+25.00 to Sta. 302+75.00



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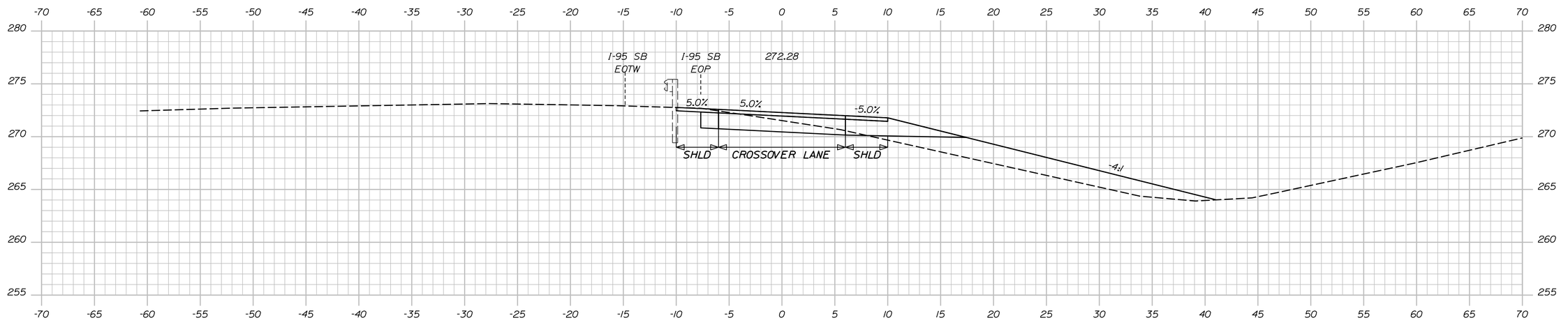

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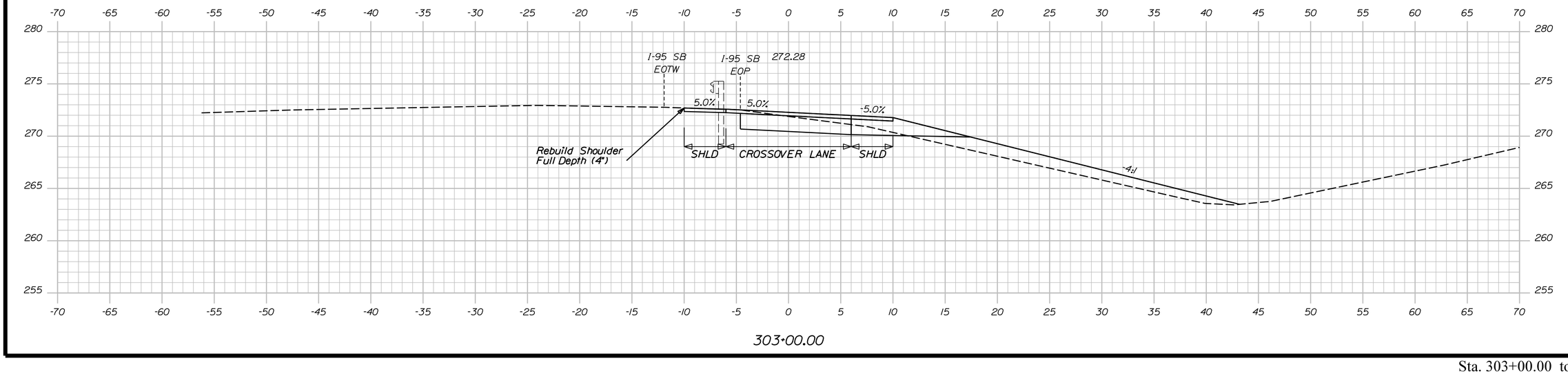

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

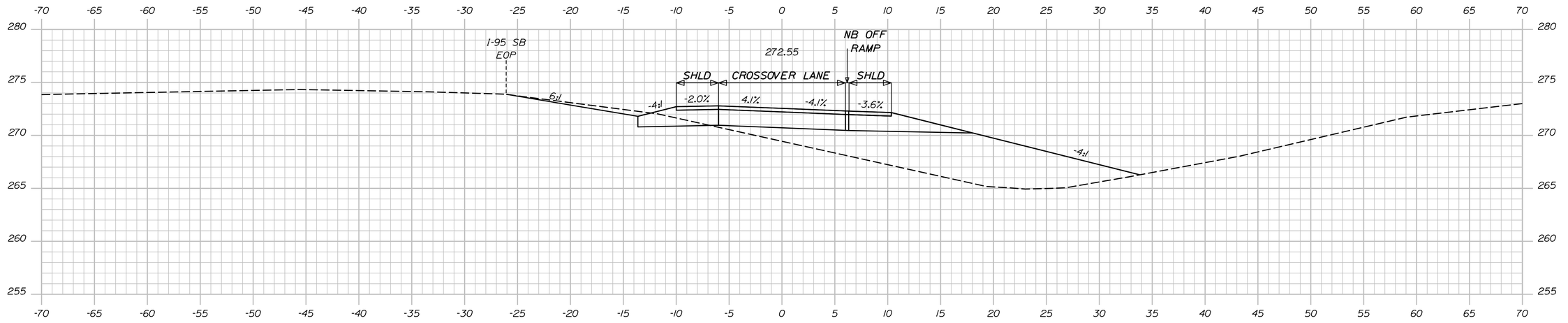
74

OF 168

Sta. 303+00.00 to Sta. 303+50.00

Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:



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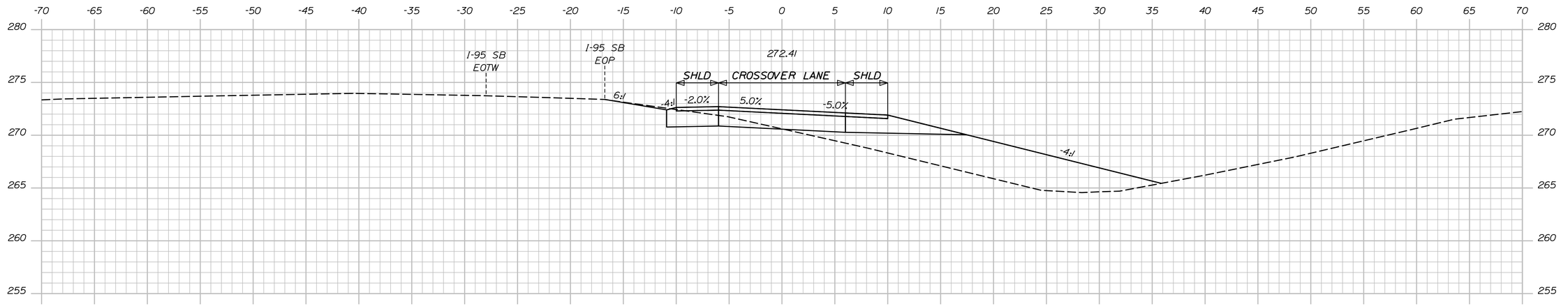

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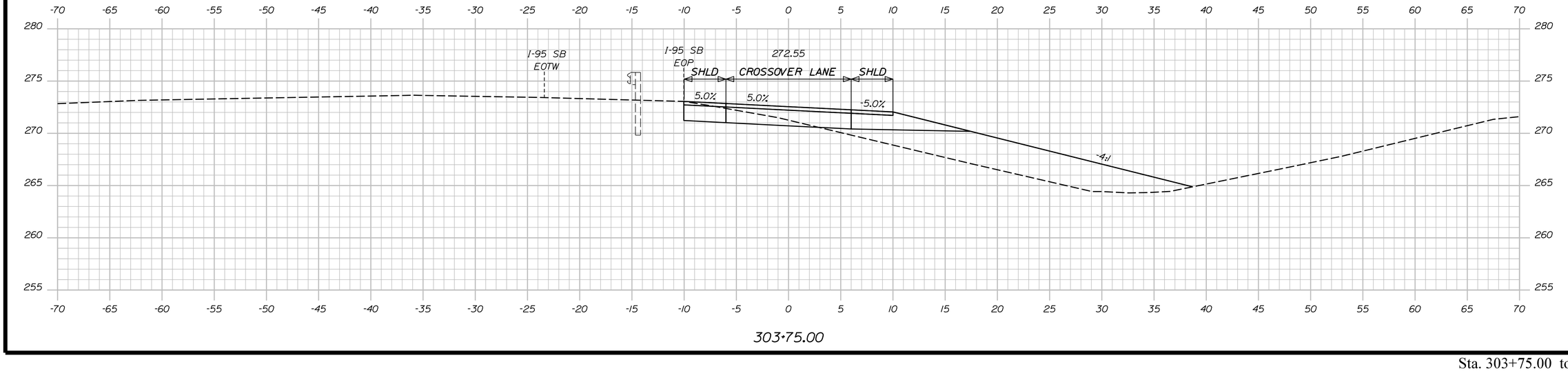


303+75.00

Sta. 303+75.00 to Sta. 304+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

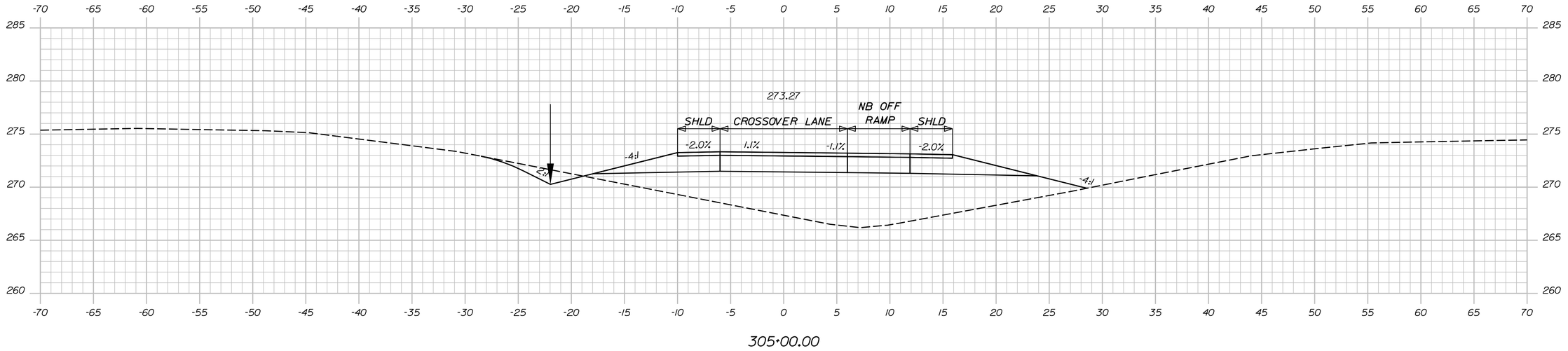
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

75

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\XSect NB XOver.dgn



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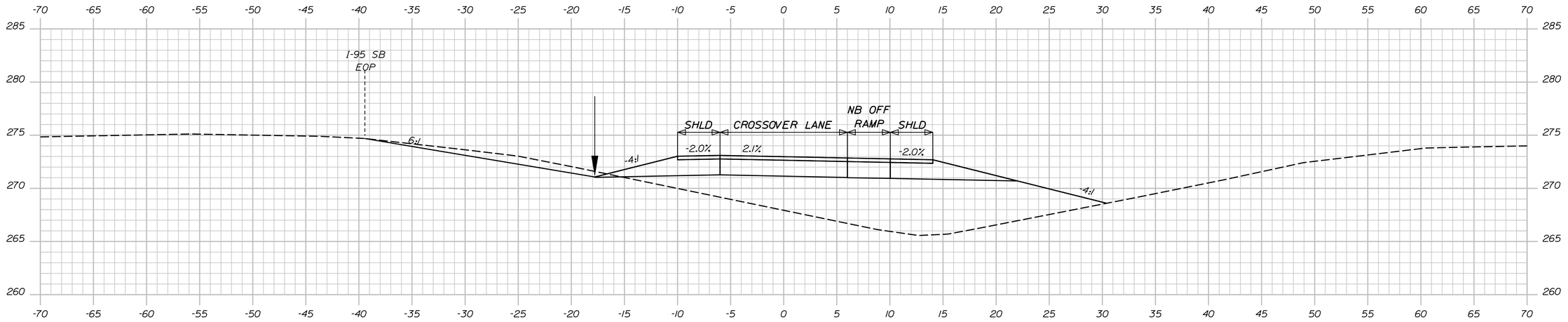

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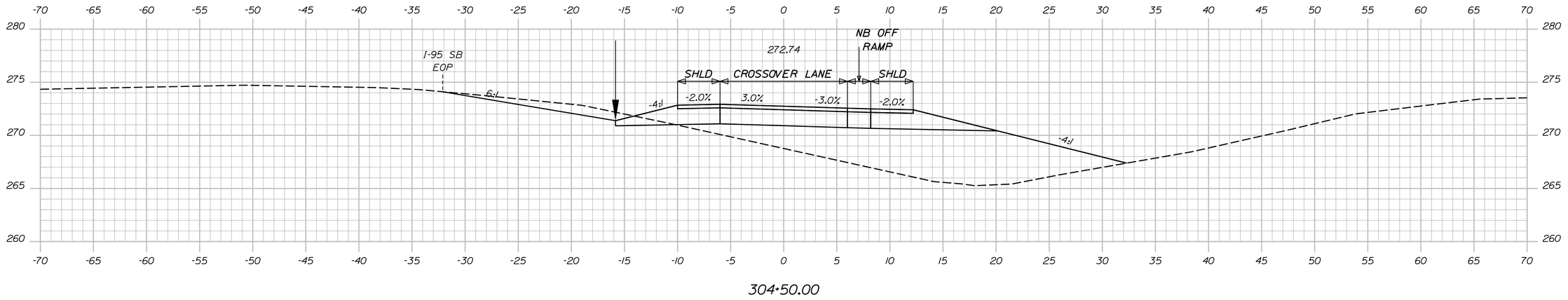


304+50.00

Sta. 304+50.00 to Sta. 305+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN
DESIGN2-DETAILED2	N. EDMAN	J. FITZ
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

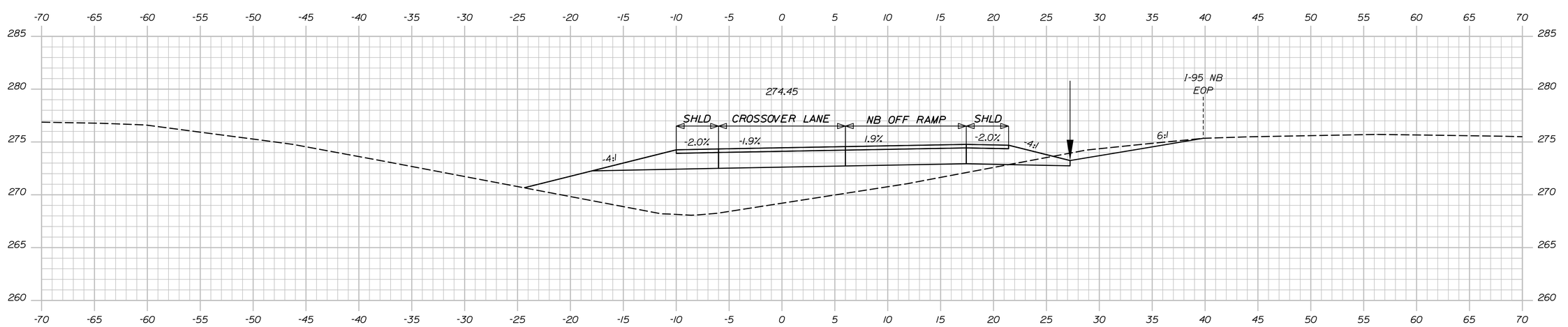
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

76

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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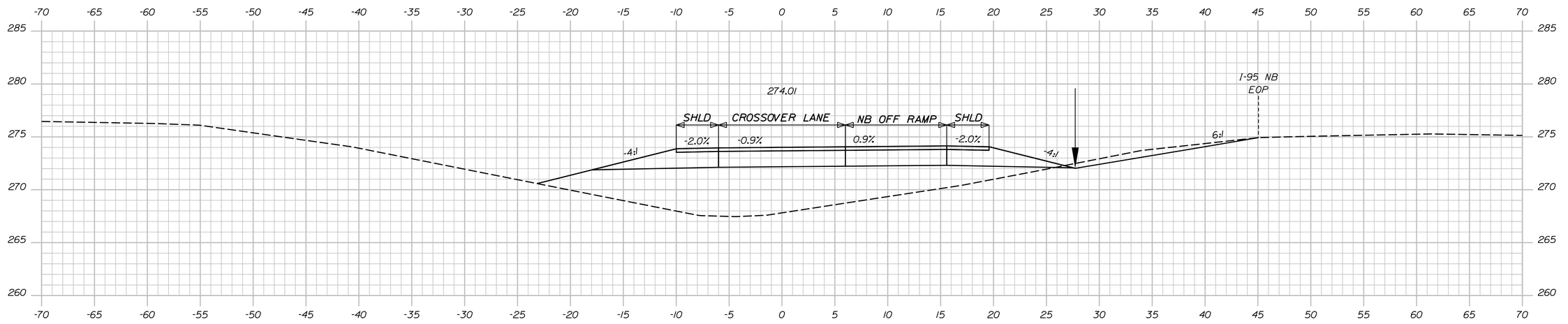

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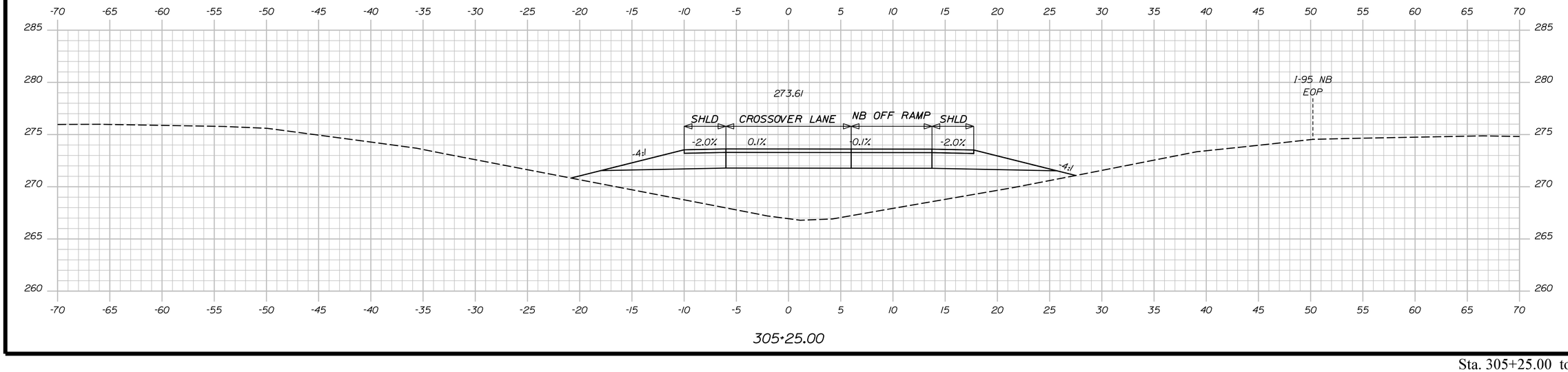

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

77

OF 168

Sta. 305+25.00 to Sta. 305+75.00

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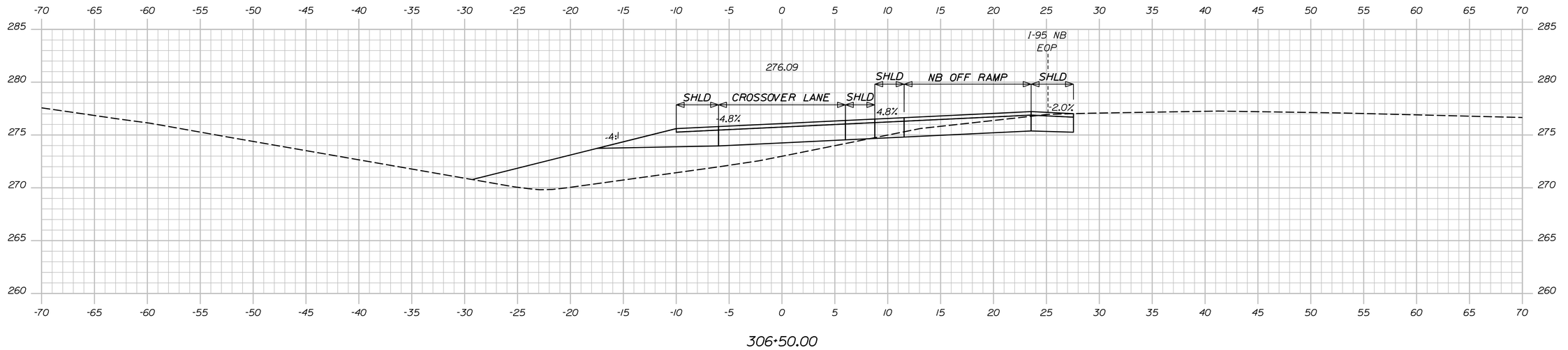

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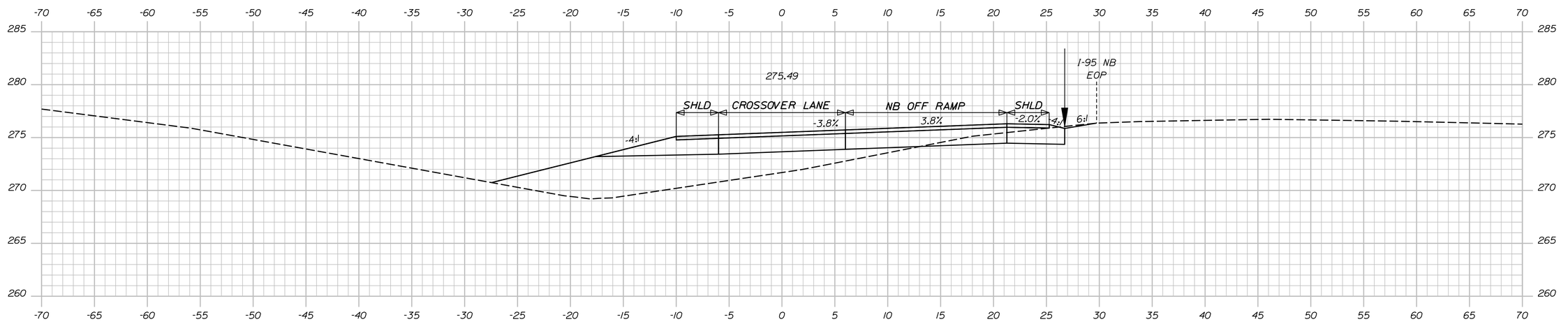

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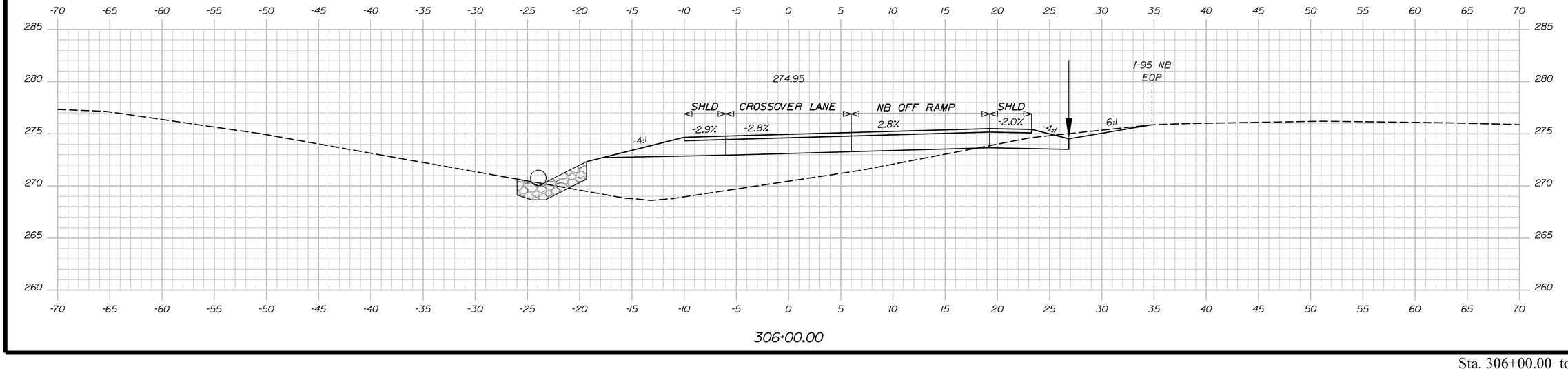

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Sta. 306+00.00 to Sta. 306+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 25631.04, 25631.05

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

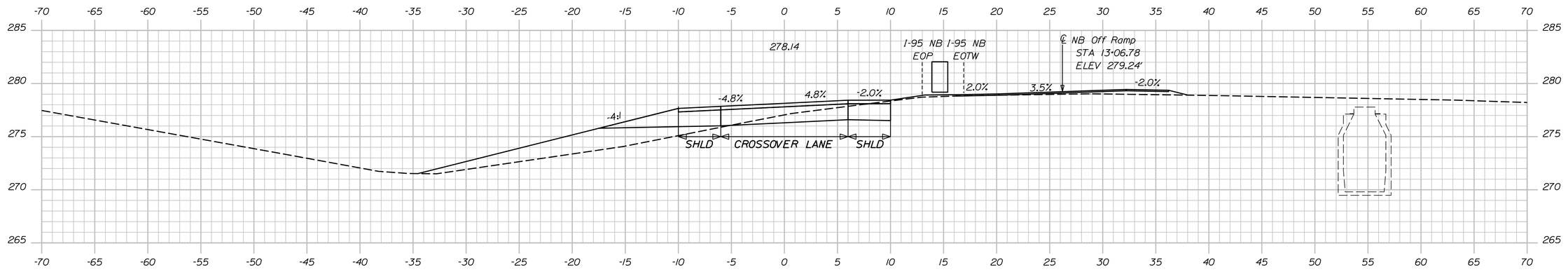
78

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\Sheet Files\XSect NB XOver.dgn



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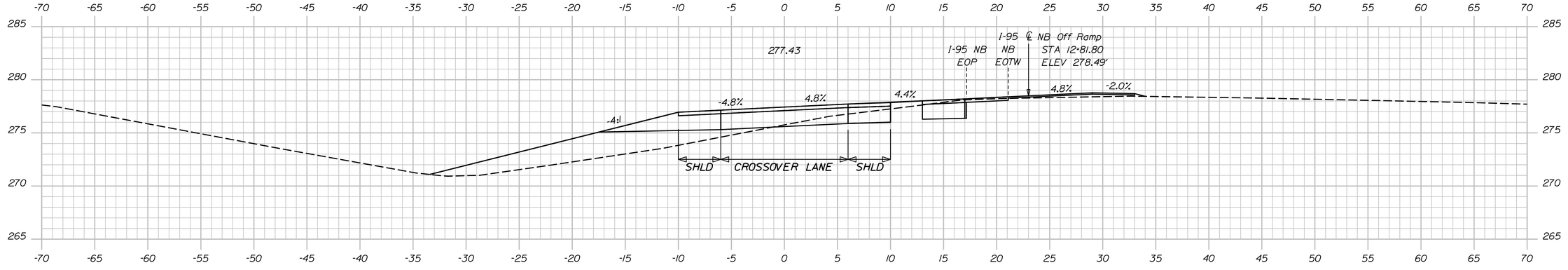

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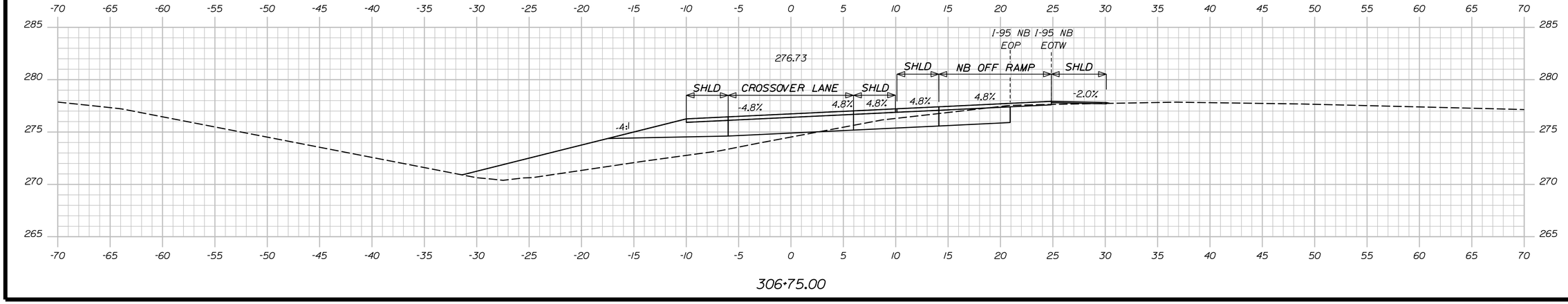


306+75.00

Sta. 306+75.00 to Sta. 307+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

P.E. NUMBER

SIGNATURE

DATE

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

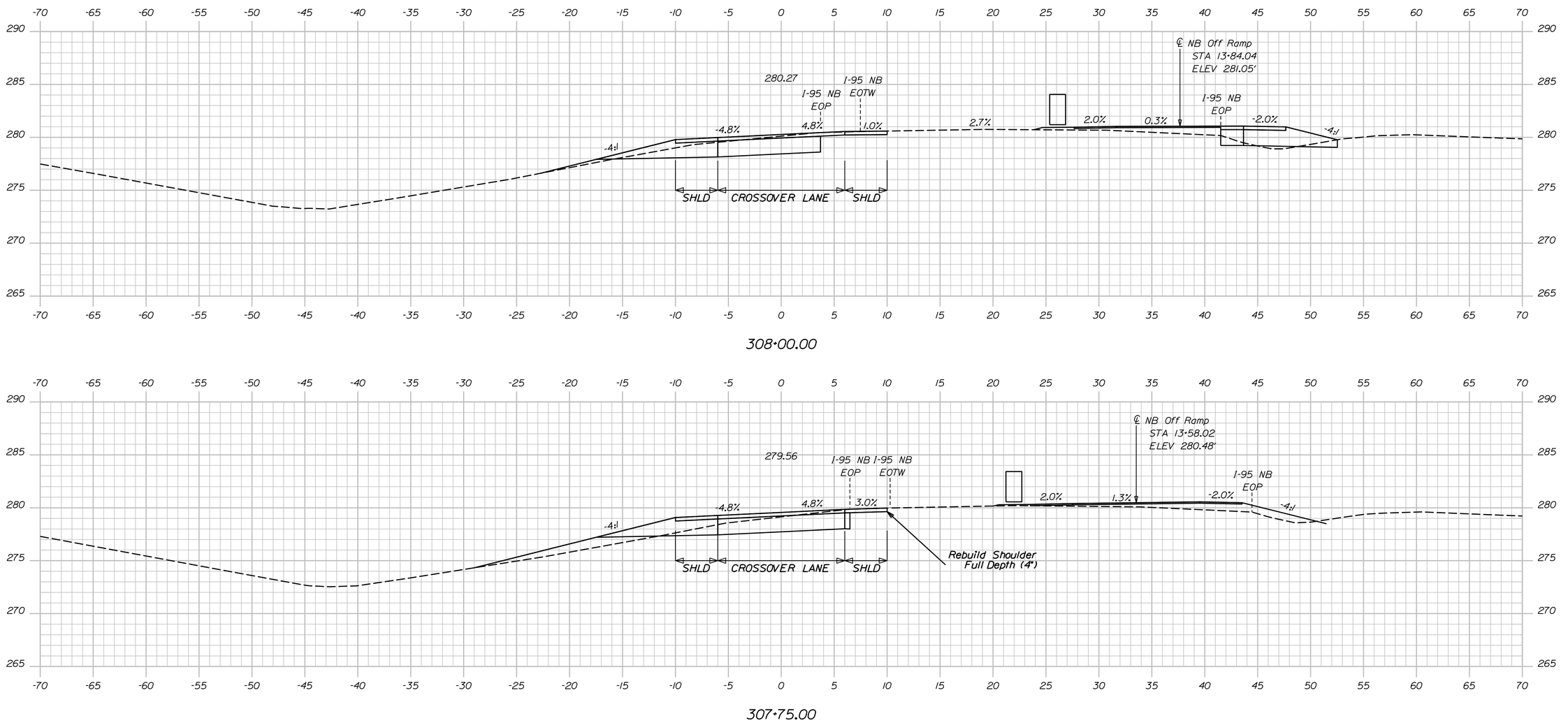
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

79

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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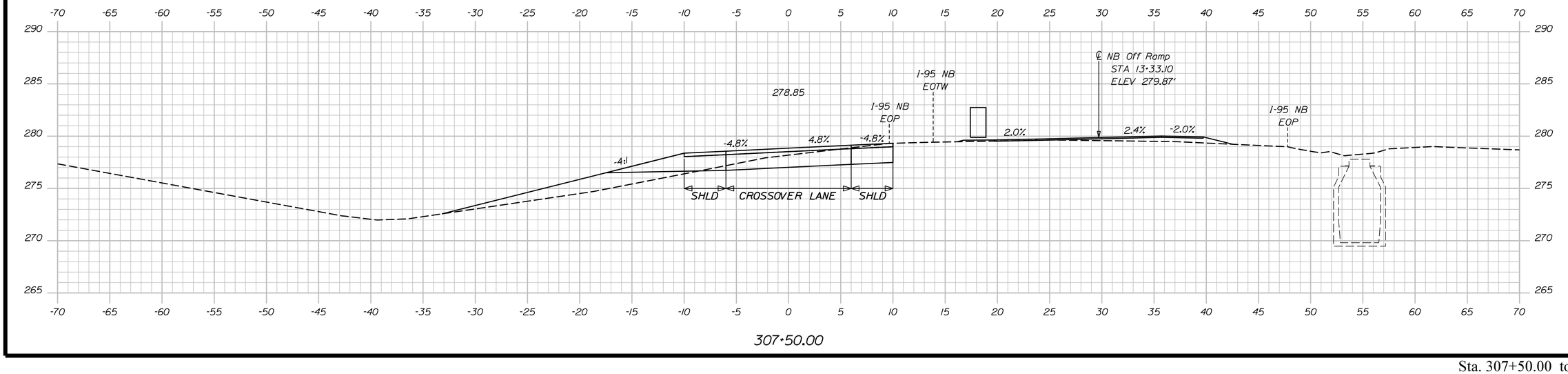

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

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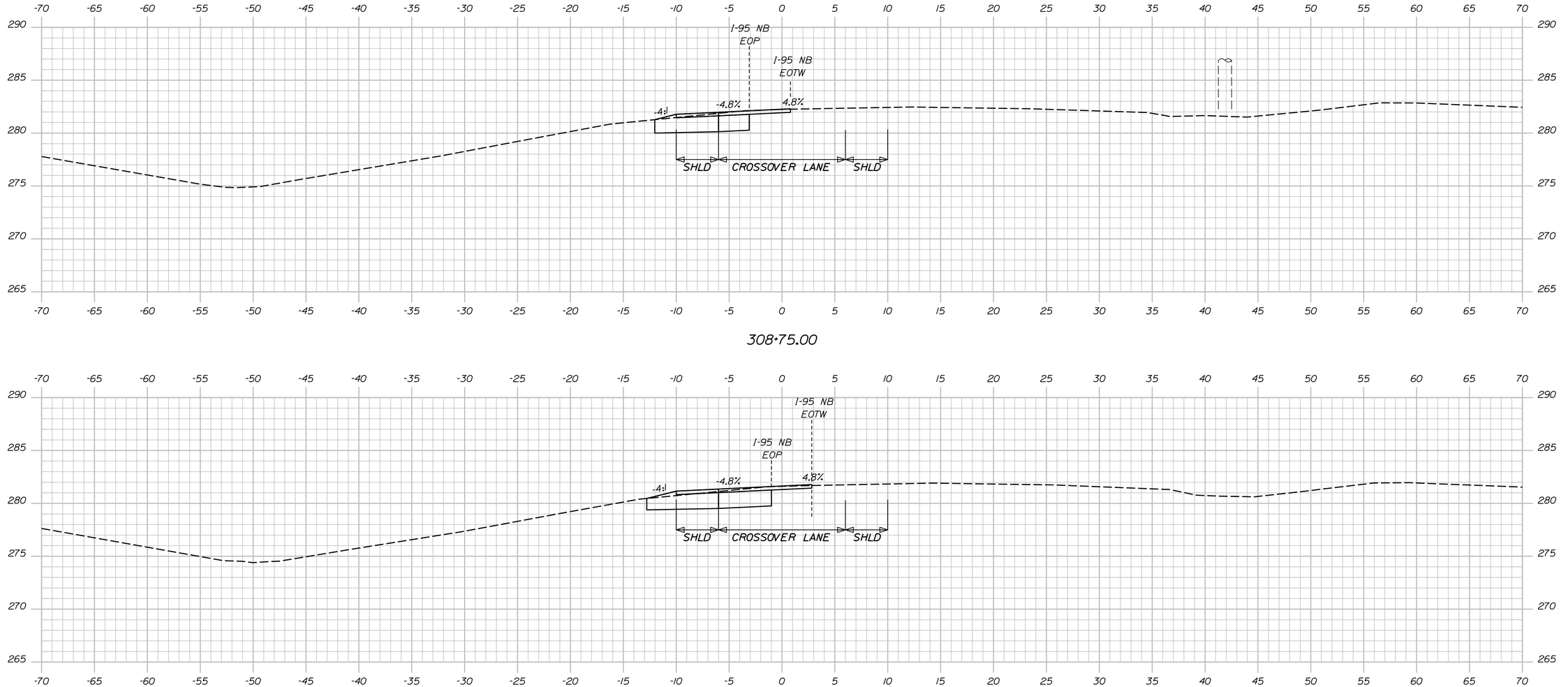
OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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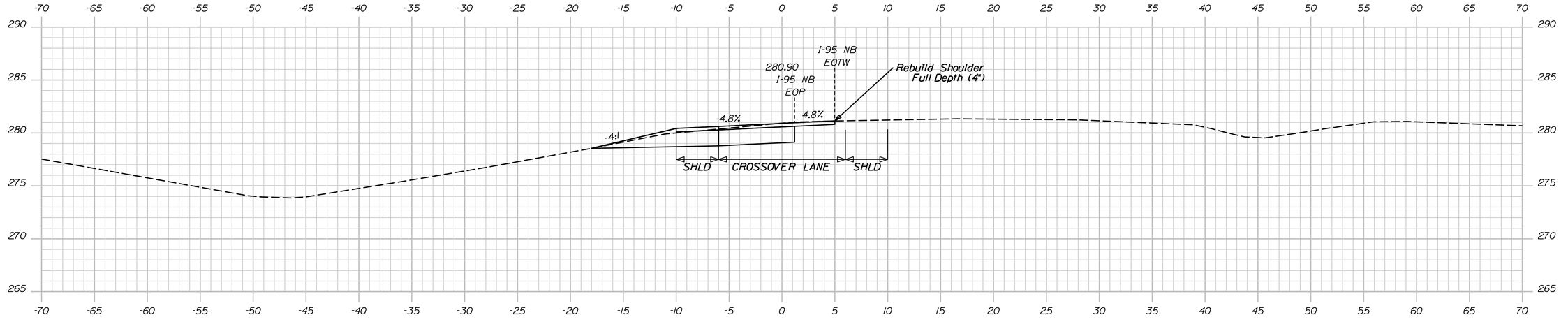

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Sta. 308+25.00 to Sta. 308+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

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OF 168

Username: jfitzpatrick Date:10/3/2023
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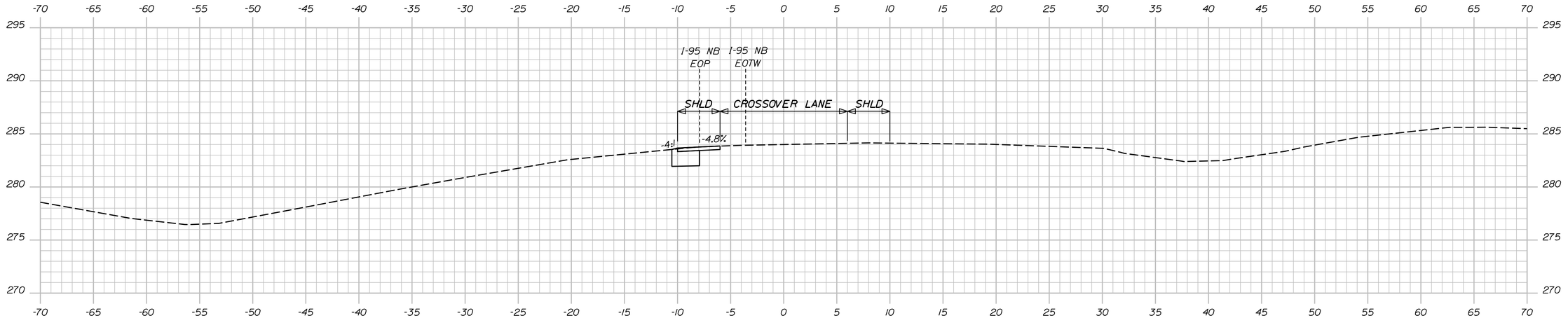

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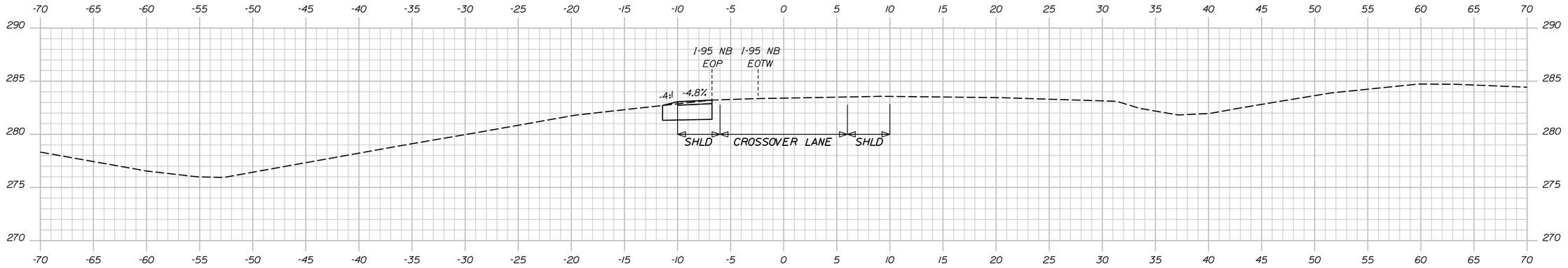

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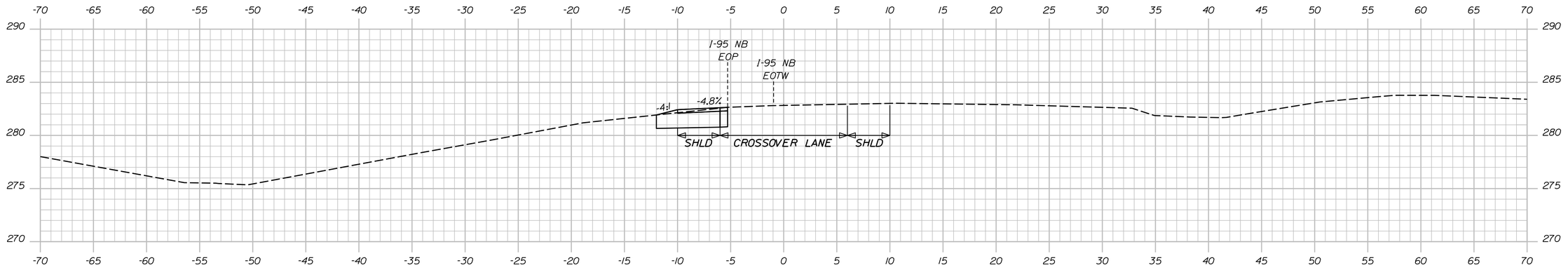

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Sta. 309+00.00 to Sta. 309+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

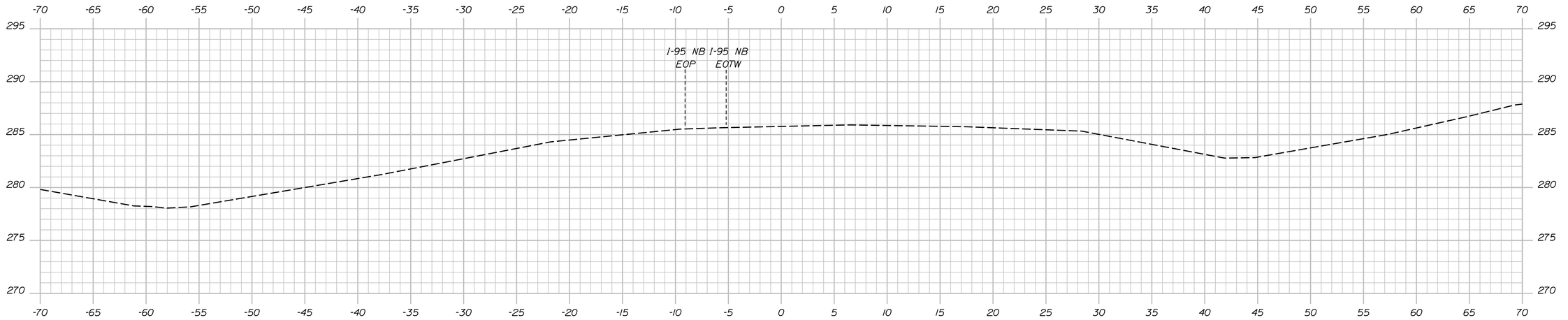
NB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

82

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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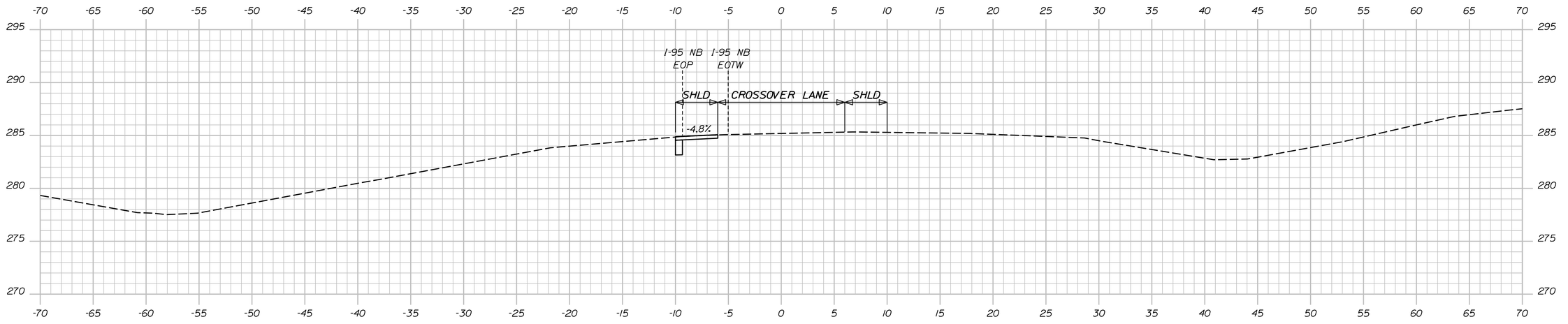

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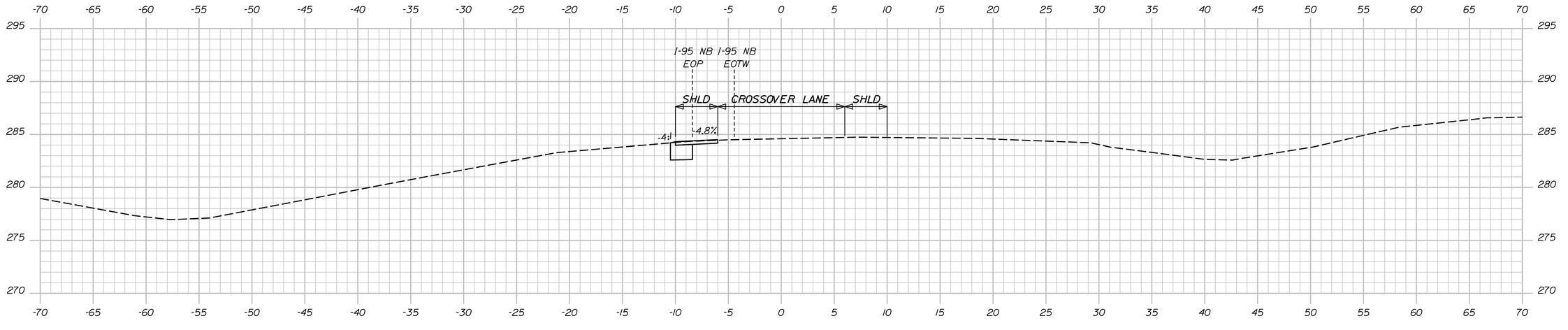


309+75.00

Sta. 309+75.00 to Sta. 310+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

NB CROSSOVER - NORTH CROSS SECTIONS

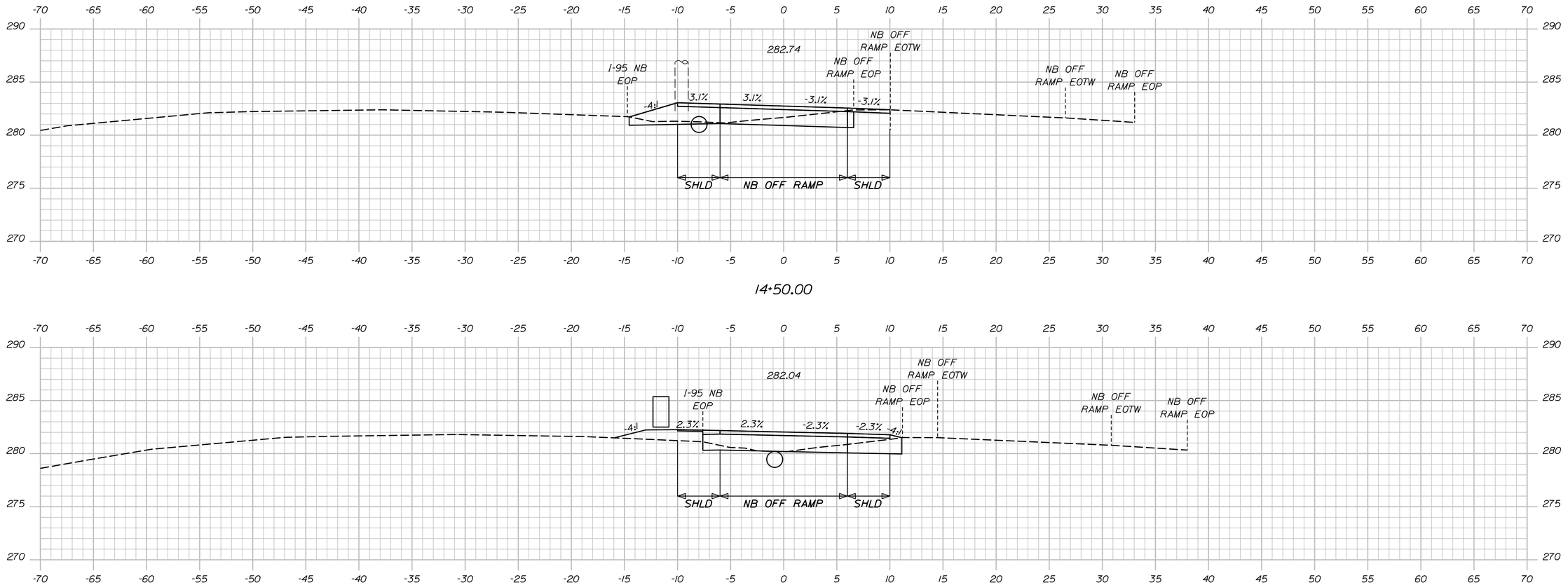
SHEET NUMBER

83

OF 168

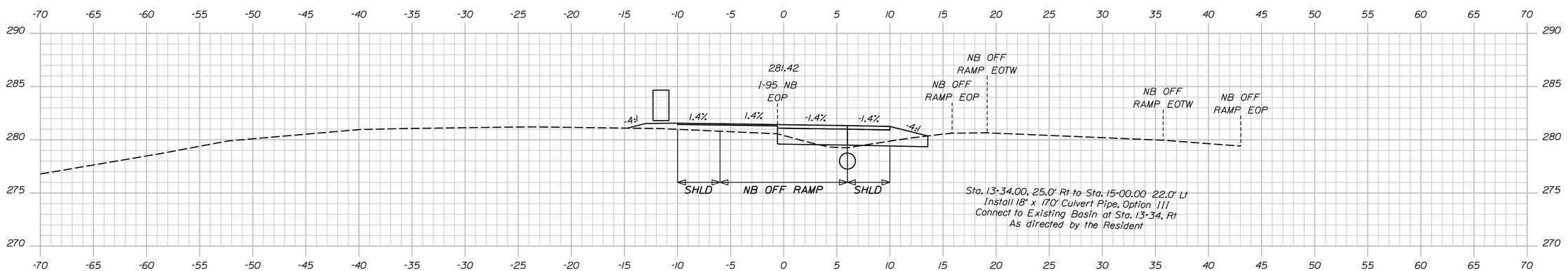
Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect NB XOver.dgn Division:



14+50.00

14+25.00



Sta. 13+34.00, 25.0' Rt to Sta. 15+00.00 22.0' Lt
Install 18" x 170' Culvert Pipe, Option III
Connect to Existing Basin at Sta. 13+34, Rt
As directed by the Resident

14+00.00

Sta. 14+00.00 to Sta. 14+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

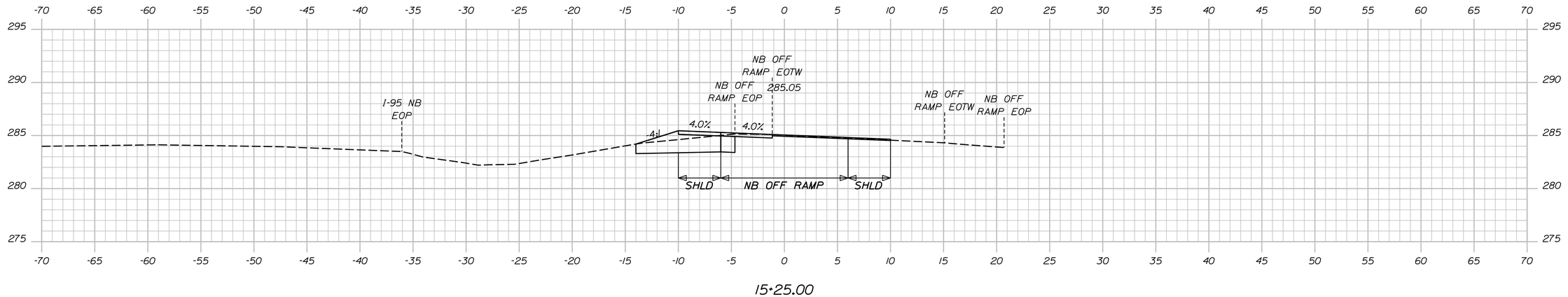
TEMPORARY NB OFF RAMP CROSS SECTIONS

SHEET NUMBER

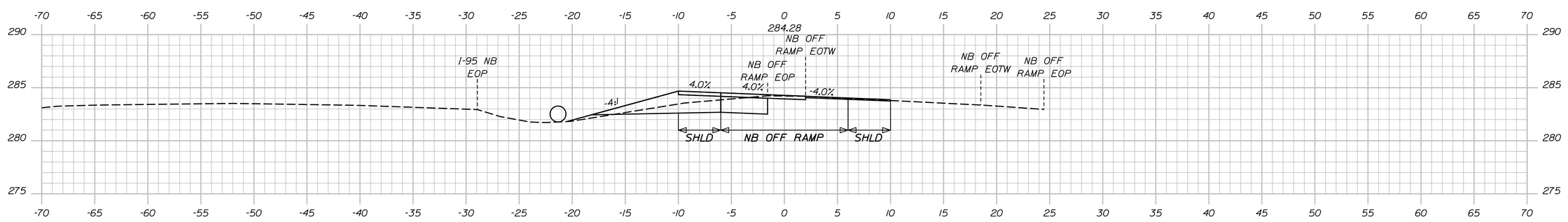
84

OF 168

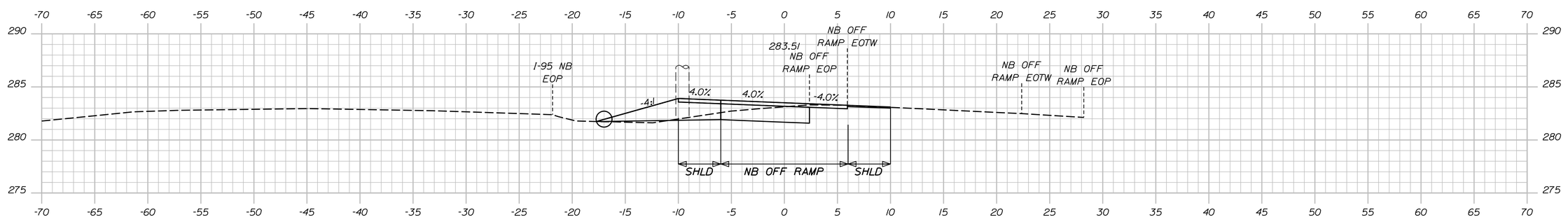
Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



15+25.00



15+00.00



14+75.00

Sta. 14+75.00 to Sta. 15+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

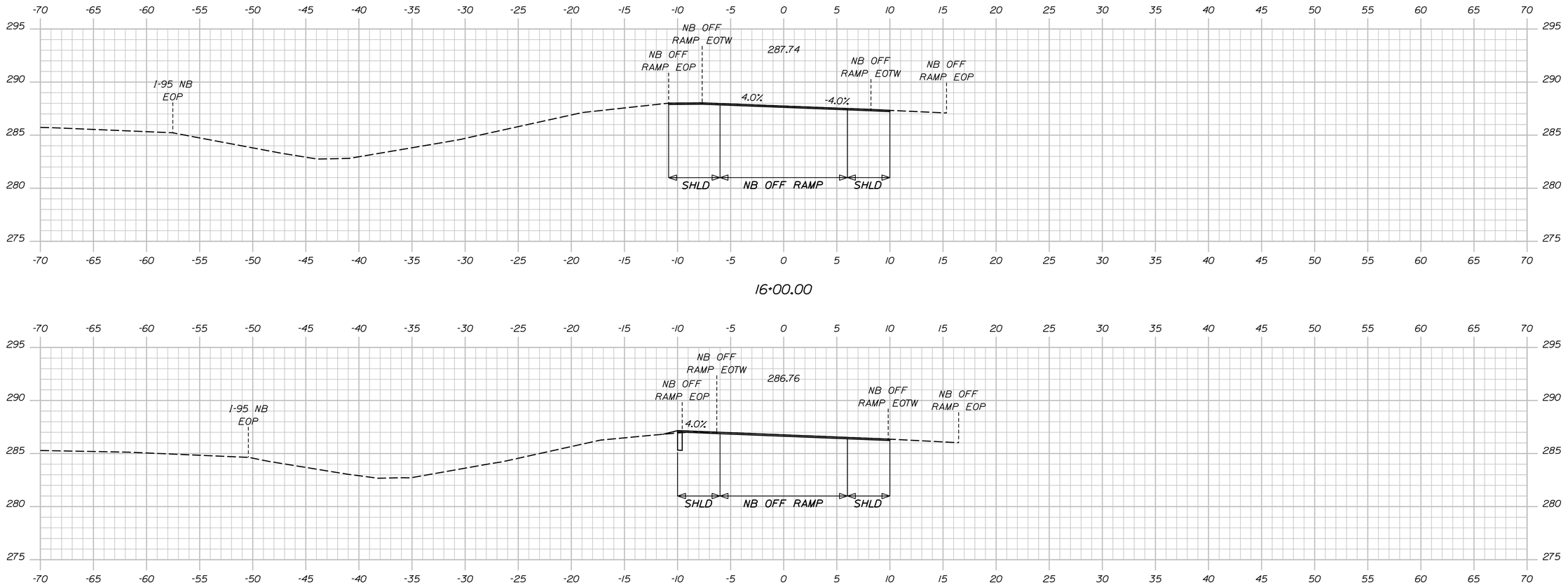
TEMPORARY NB OFF RAMP CROSS SECTIONS

SHEET NUMBER

85

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

TEMPORARY NB OFF RAMP CROSS SECTIONS

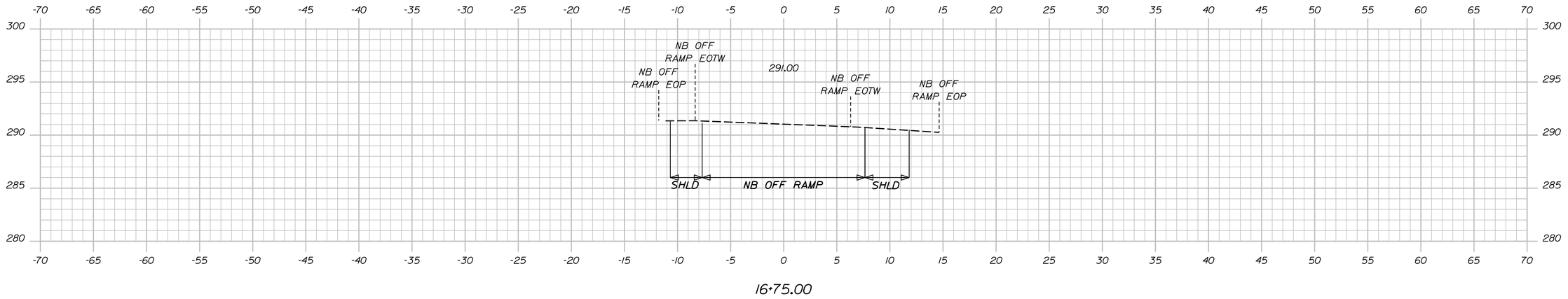
SHEET NUMBER

86

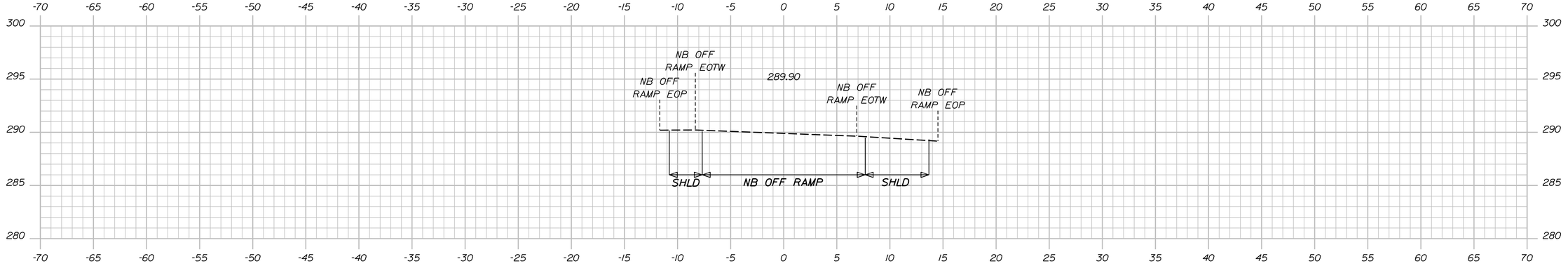
OF 168

Sta. 15+50.00 to Sta. 16+00.00

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



16+75.00



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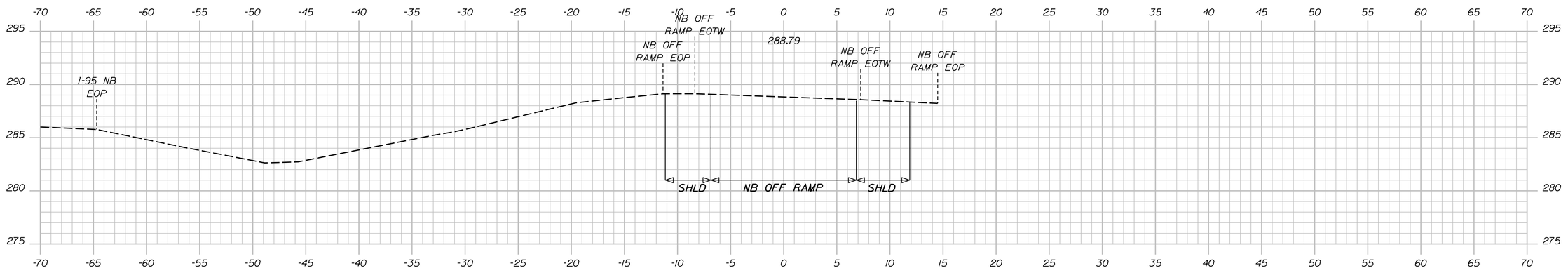

16+25.00

Sta. 16+25.00 to Sta. 16+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

TEMPORARY NB OFF RAMP CROSS SECTIONS

SHEET NUMBER

87

OF 168

Filename: ...\Sheet Files\XSect NB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023

Username: jfitzpatrick Date:10/3/2023
Division:
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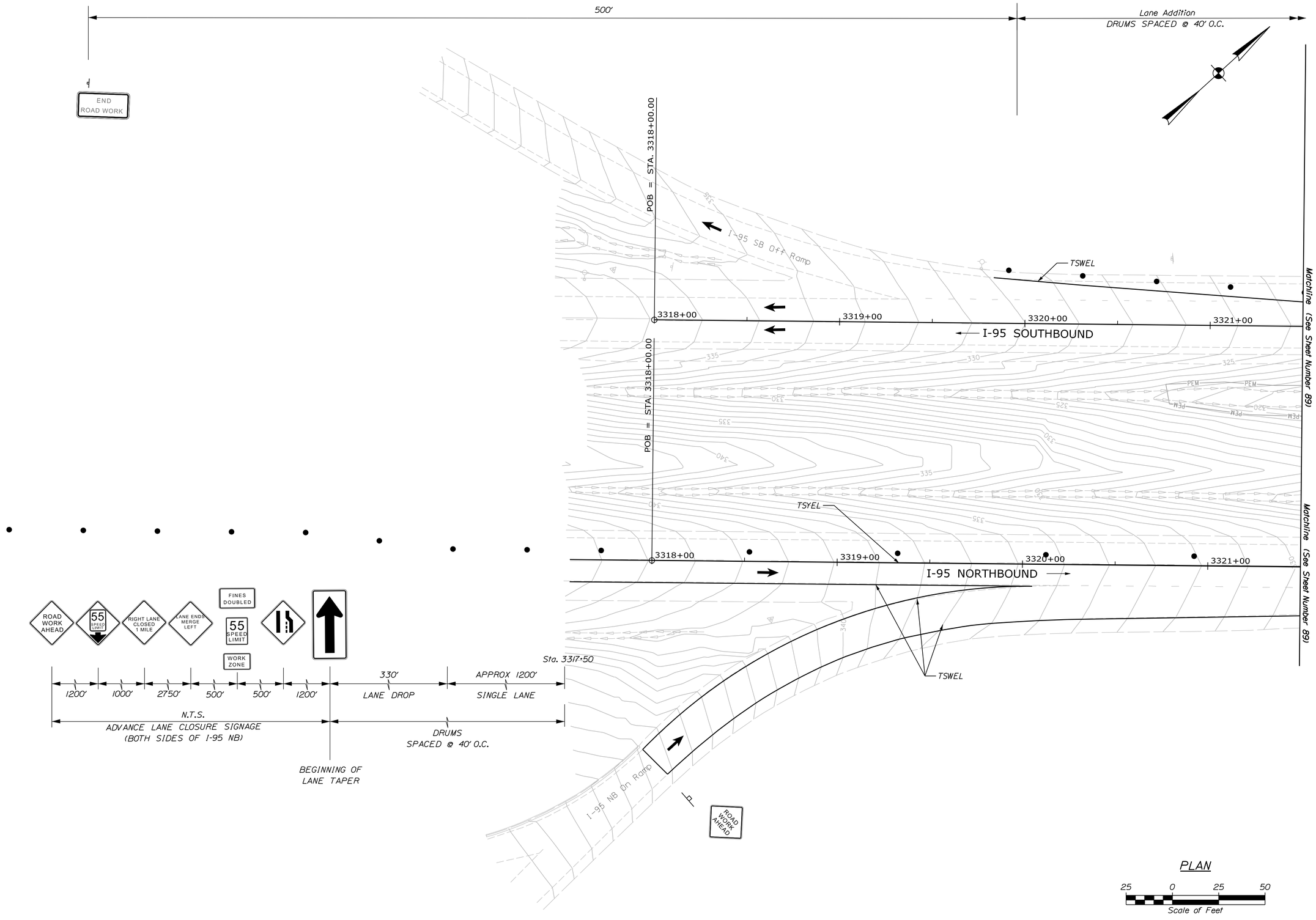


PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

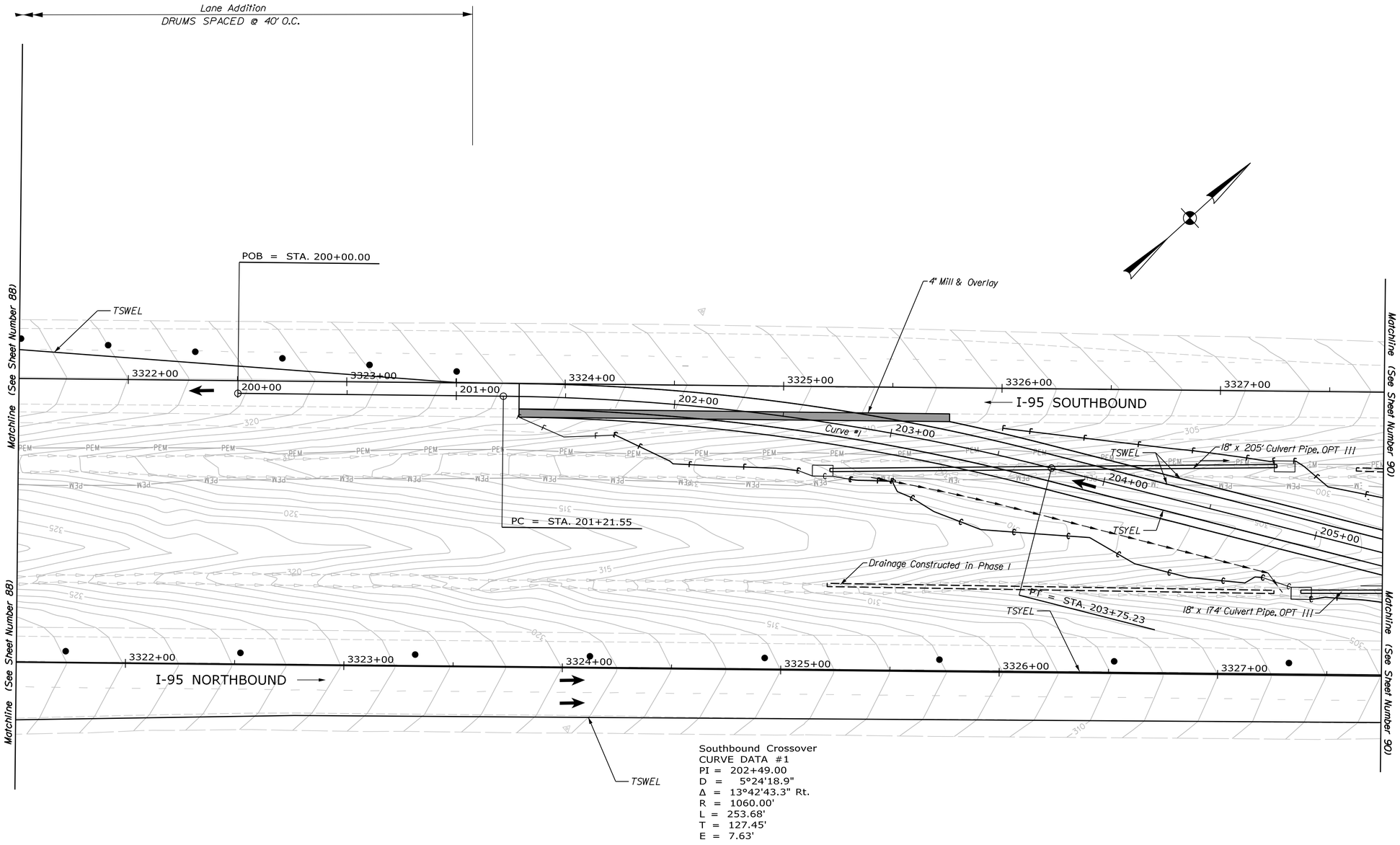
I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 SOUTHBOUND

SHEET NUMBER

88

OF 168



Southbound Crossover
CURVE DATA #1
PI = 202+49.00
D = 5°24'18.9"
Δ = 13°42'43.3" Rt.
R = 1060.00'
L = 253.68'
T = 127.45'
E = 7.63'

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

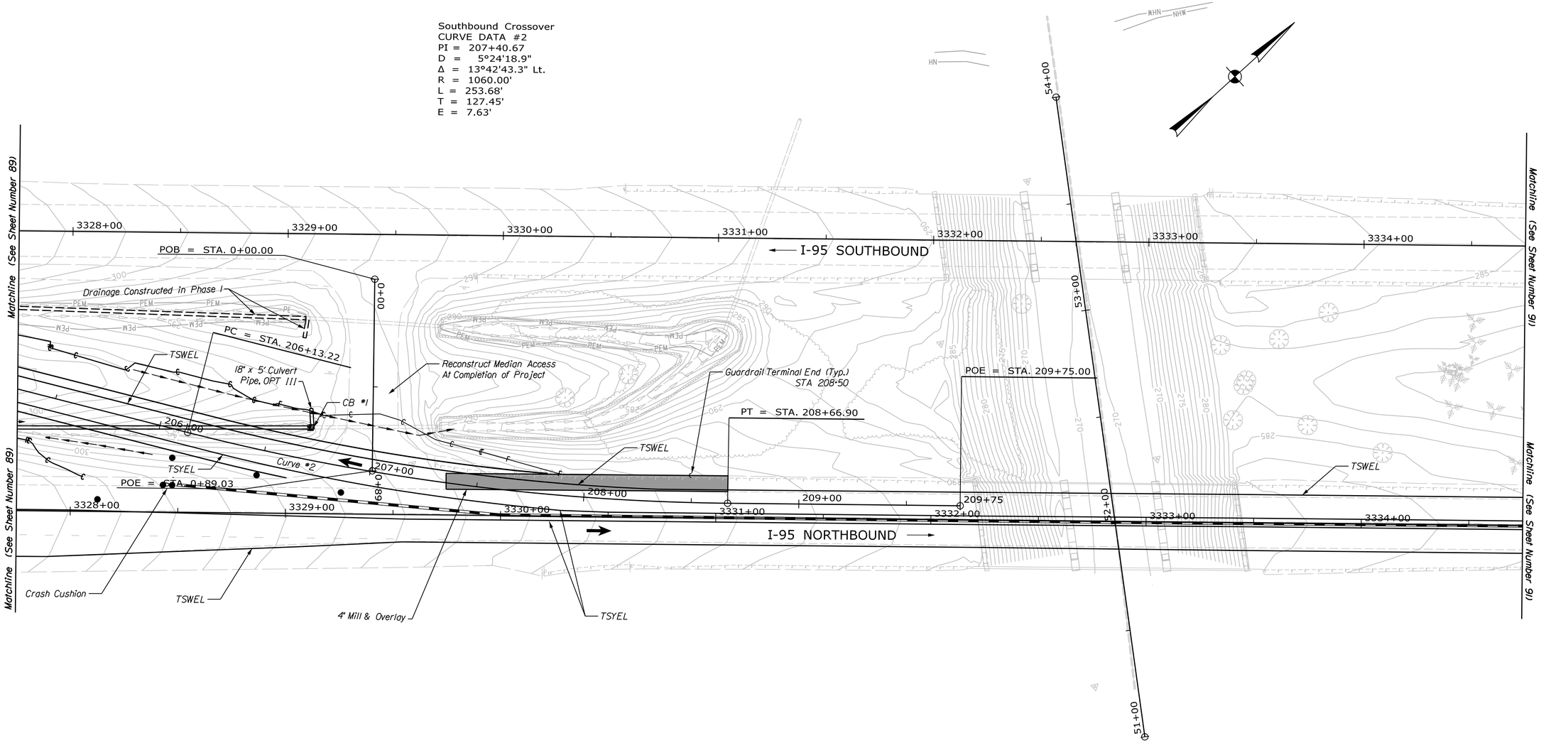
TRAFFIC CONTROL PLANS
I-95 SOUTHBOUND

SHEET NUMBER
89
OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\072_TCPlan12.dgn

Filename: ...\Sheet Files\073_TCPlan13.dgn Division: Username: jfitzpatrick Date:10/3/2023

Southbound Crossover
CURVE DATA #2
PI = 207+40.67
D = 5°24'18.9"
Δ = 13°42'43.3" Lt.
R = 1060.00'
L = 253.68'
T = 127.45'
E = 7.63'



PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS I-95 SOUTHBOUND

SHEET NUMBER
90
OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

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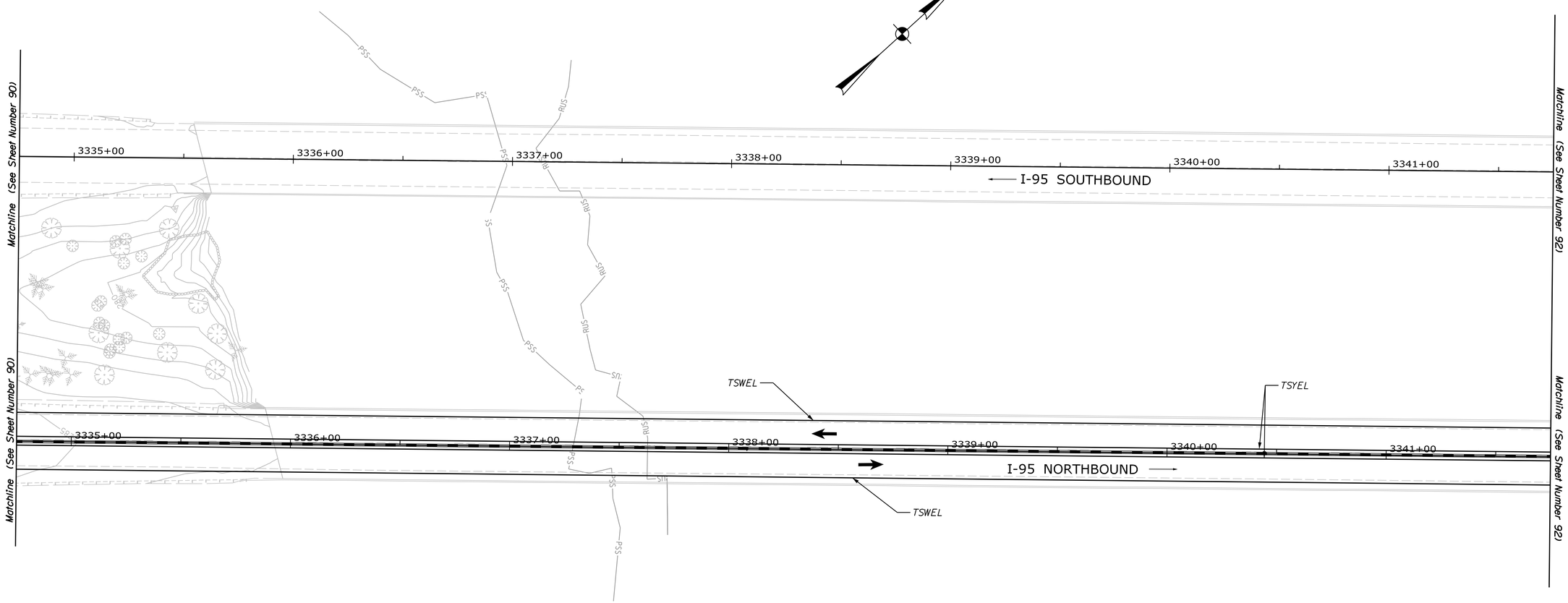


PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078 BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

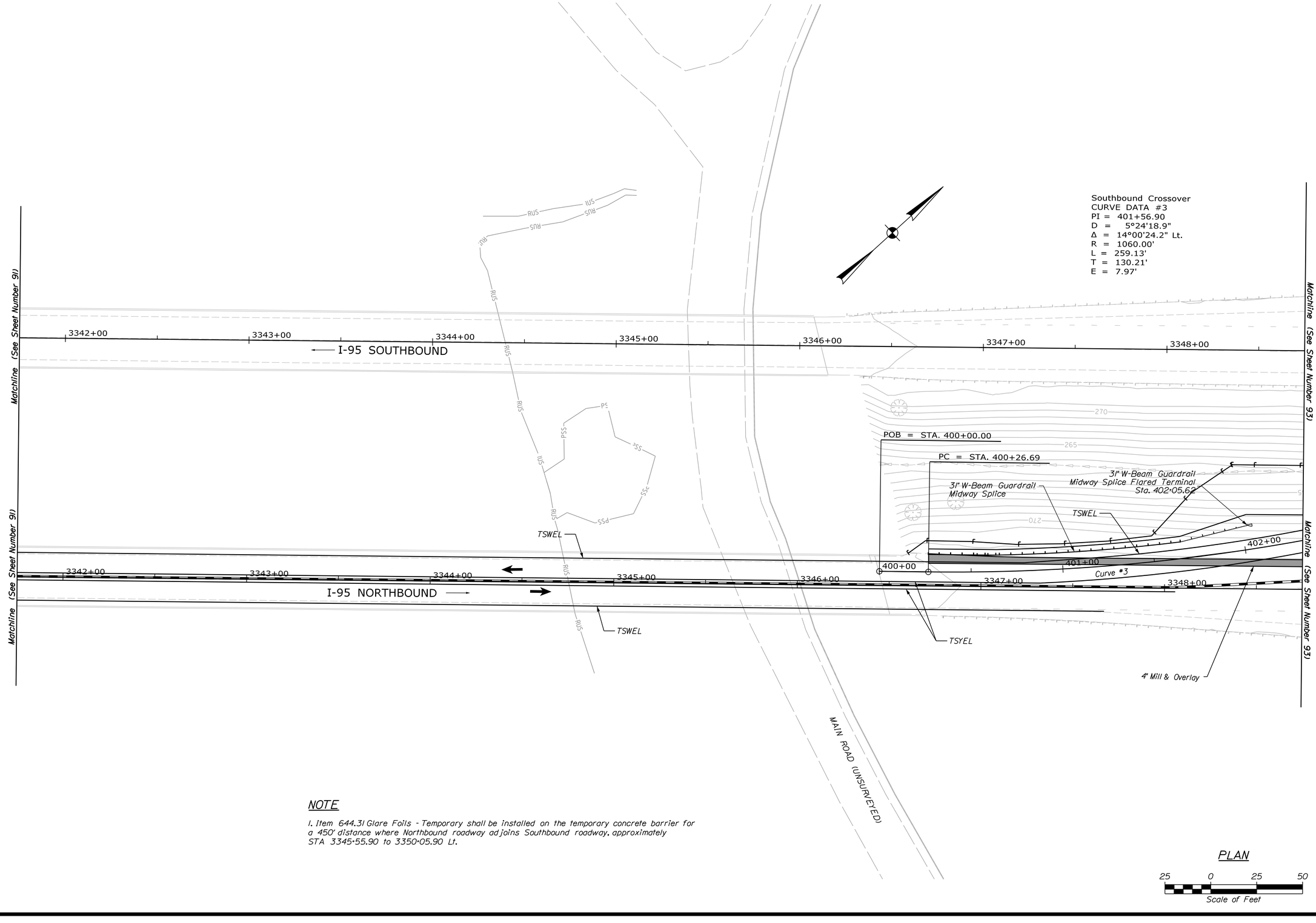
TRAFFIC CONTROL PLANS
I-95 SOUTHBOUND

SHEET NUMBER

91

OF 168

Filename: ...\Sheet Files\075_TCPlan15.dgn Division: Username: jfitzpatrick Date:10/3/2023



NOTE

1. Item 644.31 Glare Foils - Temporary shall be installed on the temporary concrete barrier for a 450' distance where Northbound roadway adjoins Southbound roadway, approximately STA 3345+55.90 to 3350+05.90 Lt.

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	08/23
REVISIONS 1	N. EDMAN	08/23
REVISIONS 2	J. FITZ	08/23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

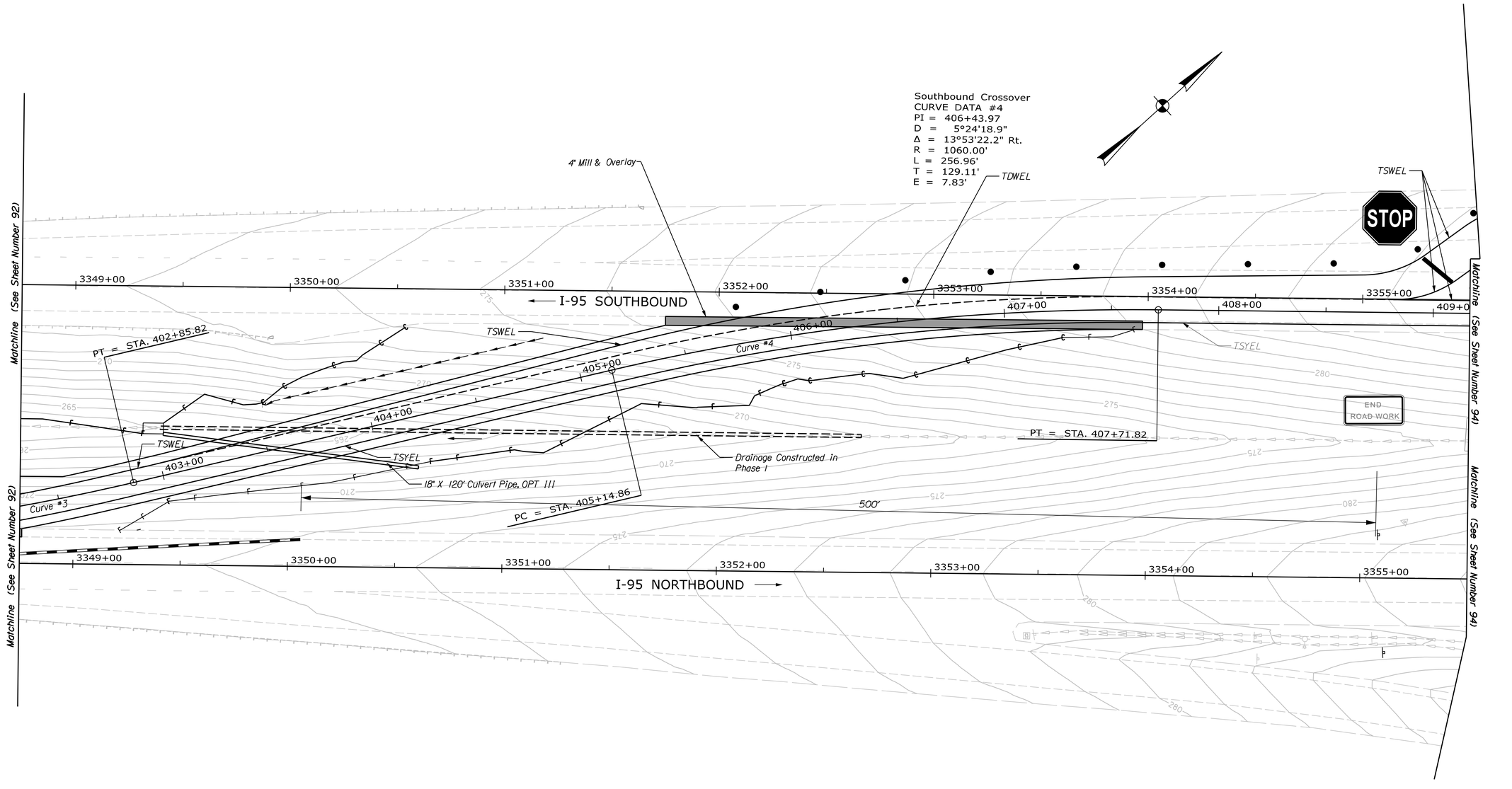
TRAFFIC CONTROL PLANS
I-95 SOUTHBOUND

SHEET NUMBER

92

OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\Sheet Files\076_TCPlan16.dgn



NOTE

1. Item 644.31 Glare Foils - Temporary shall be installed on the temporary concrete barrier for a 450' distance where Northbound roadway adjoins Southbound roadway, approximately STA 3345+55.90 to 3350+05.90 Lt.

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

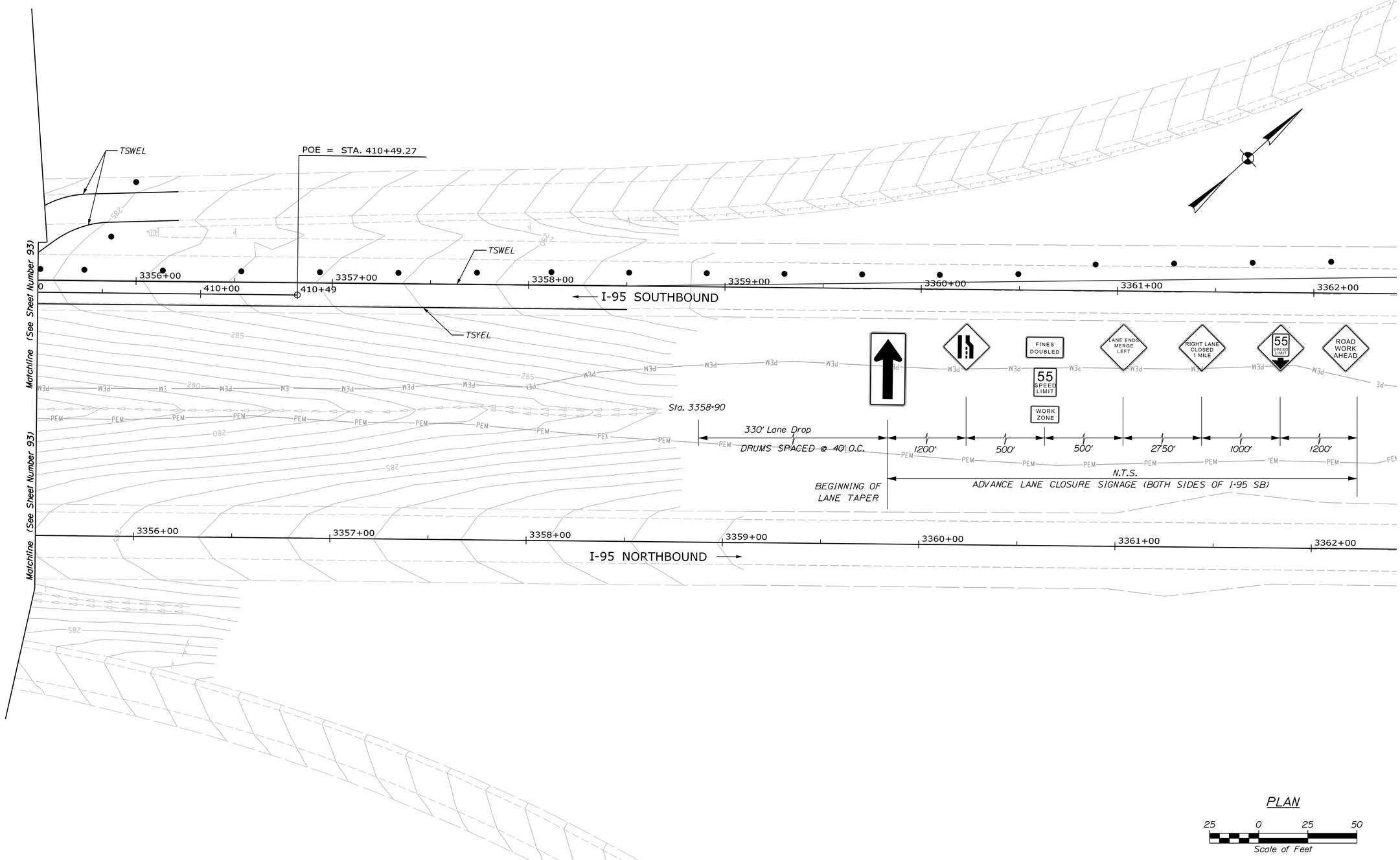
DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
I-95 SOUTHBOUND

SHEET NUMBER
93
OF 168

Filename: ...\Sheet Files\077_TCPlan17.dgn Division: Username: jfitzpatrick Date:10/3/2023



PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	
REVISIONS 1	N. EDMAN	
REVISIONS 2	J. FITZ	
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

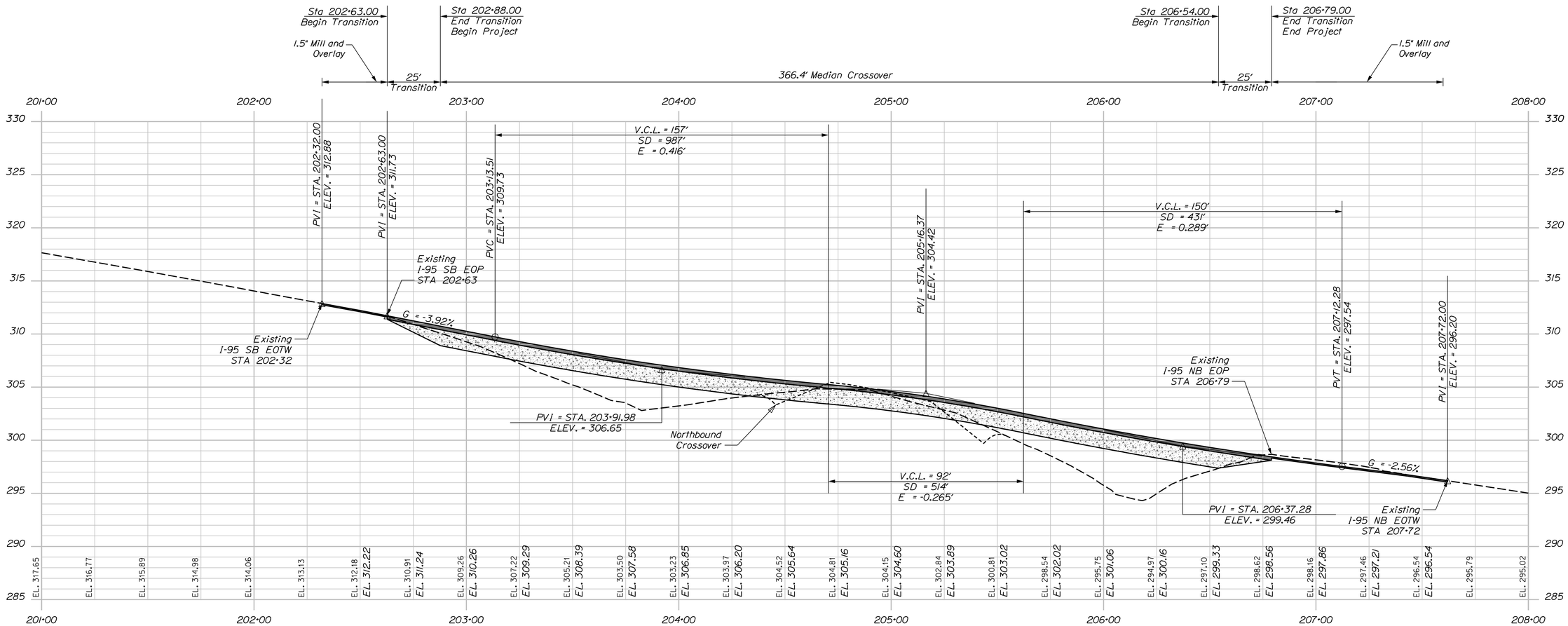
TRAFFIC CONTROL PLANS I-95 SOUTHBOUND

SHEET NUMBER

94

OF 168

Filename: ...\085_Profile_SB_Crossover-South.dgn Division: Username: jfitzpatrick Date:10/3/2023



PROFILE

SOUTHBOUND CROSSOVER, SOUTH

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05

BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	B. COLBURN	08-23
DESIGN3-DETAILED3	N. EDMAN	
REVISIONS 1	J. FITZ	
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

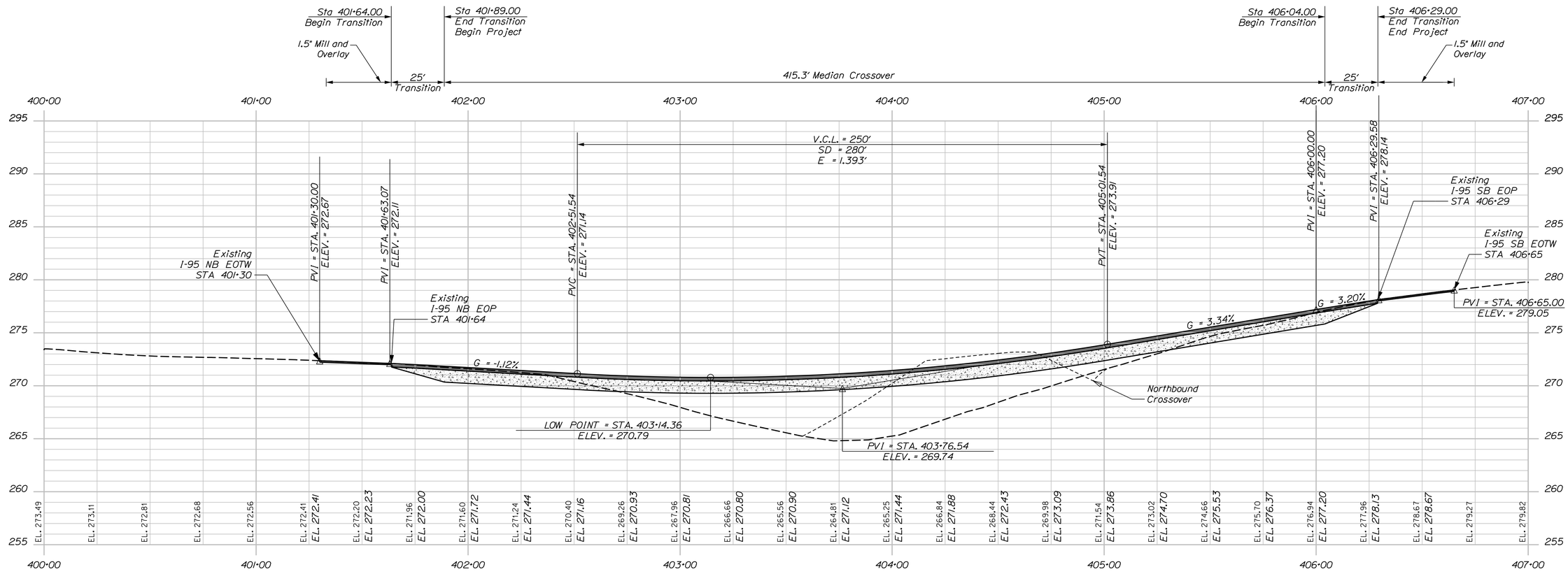
PROFILE
SB CROSSOVER - SOUTH

SHEET NUMBER

95

OF 168

Usernam: jfitzpatrick Date:10/3/2023
Filename: ...\086_Profile_SB_Crossover-North1.dgn Division:



PROFILE
SOUTHBOUND CROSSOVER, NORTH

PROFILE
Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078
BRIDGE PLANS

	BY	DATE
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	T. MCAULIFFE	08/23
DESIGN2-DETAILED2	N. EDMAN	08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER: E. MORRISON, B. COLBURN, J. FITZ

SIGNATURE

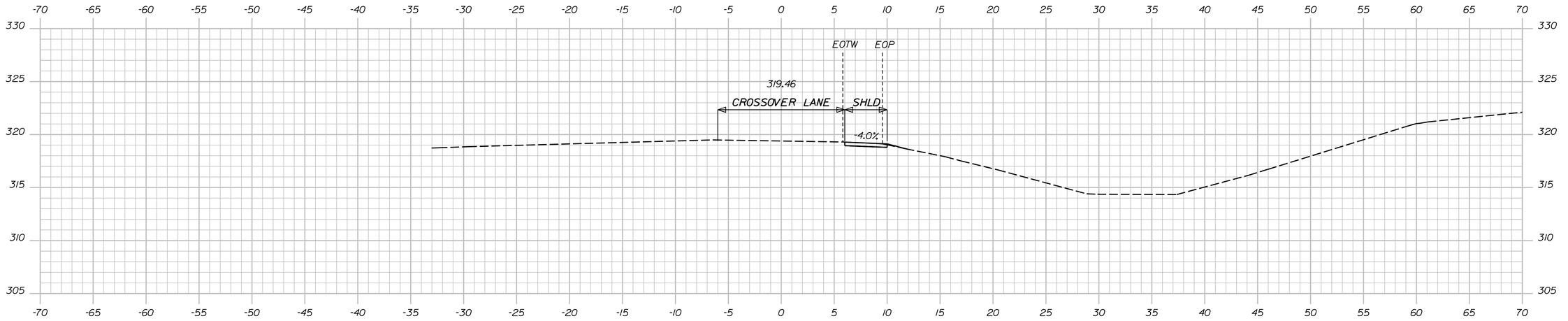
P.E. NUMBER

DATE

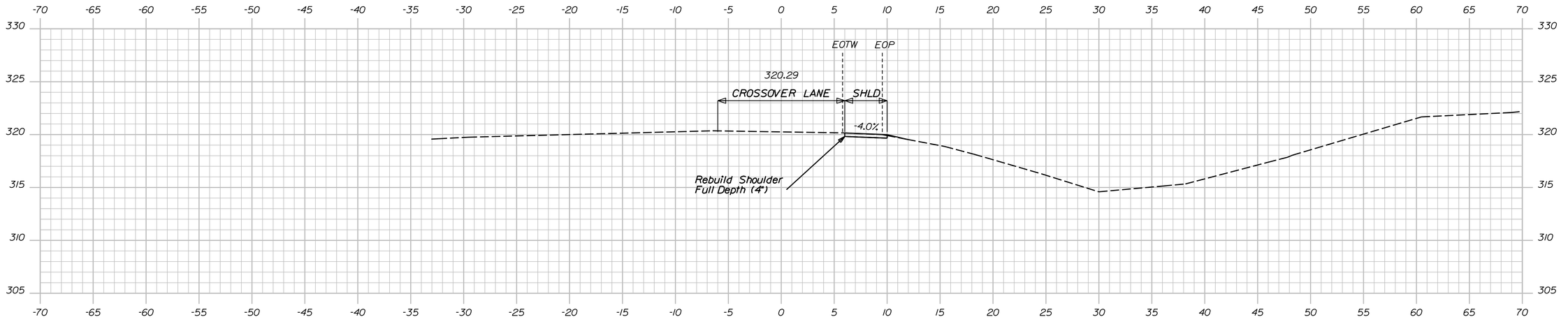
I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT COUNTY

PROFILE
SB CROSSOVER - NORTH

SHEET NUMBER
96
OF 168



200+50.00



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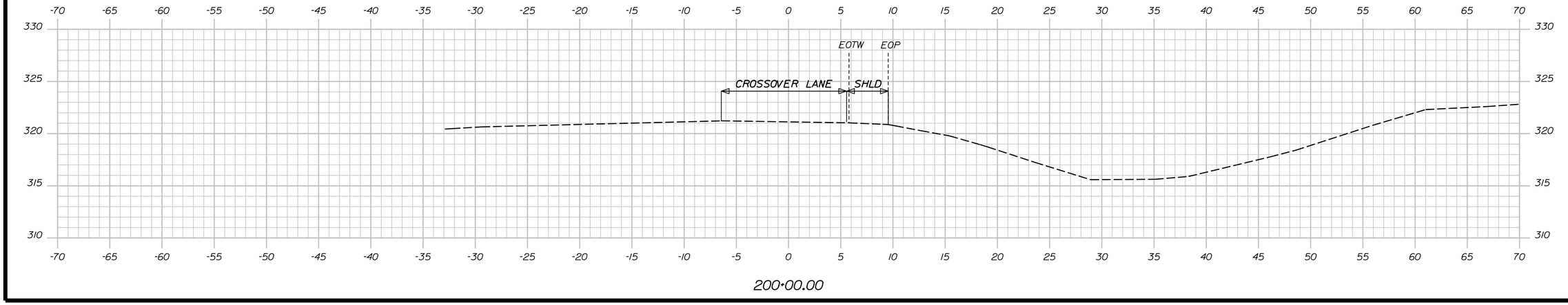


200+00.00

Sta. 200+00.00 to Sta. 200+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

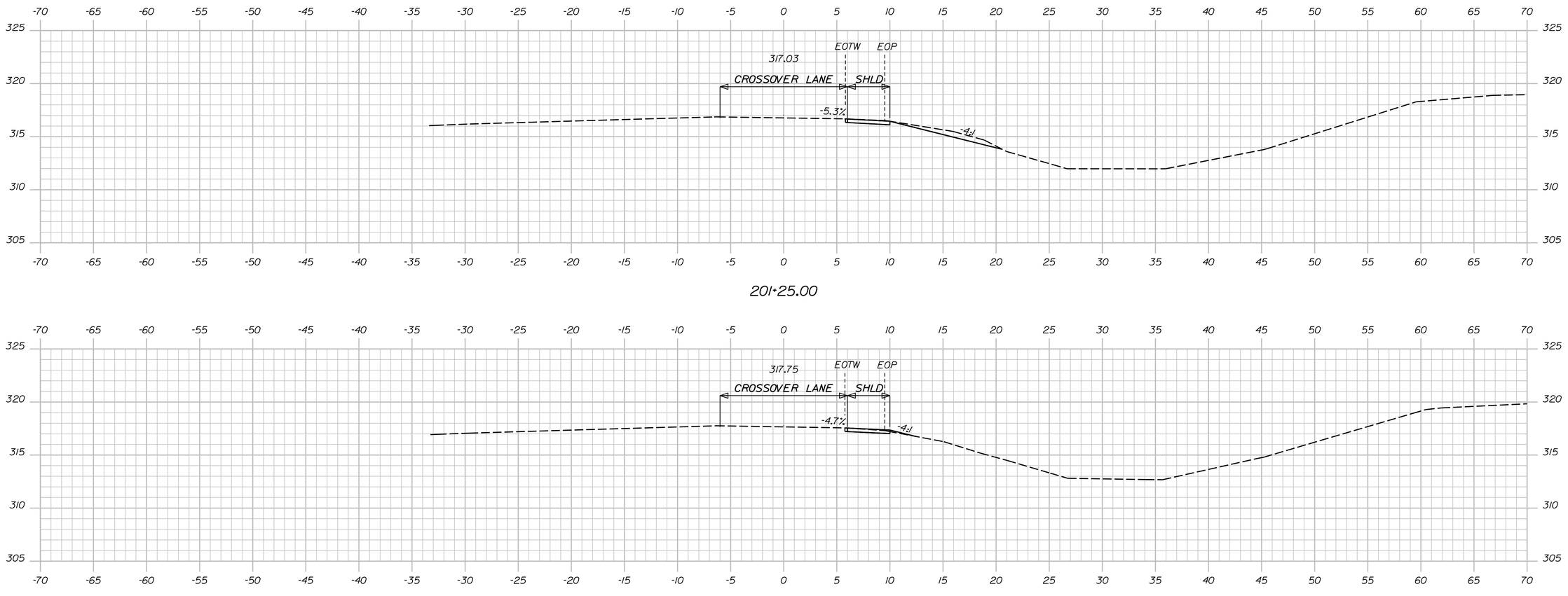
SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

97

OF 168

Username: jfitzpatrick Date:10/3/2023
Filename: ...\Sheet Files\XSect SB XOver.dgn Division:



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN
DESIGN2-DETAILED2	N. EDMAN	J. FITZ
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

98

OF 168

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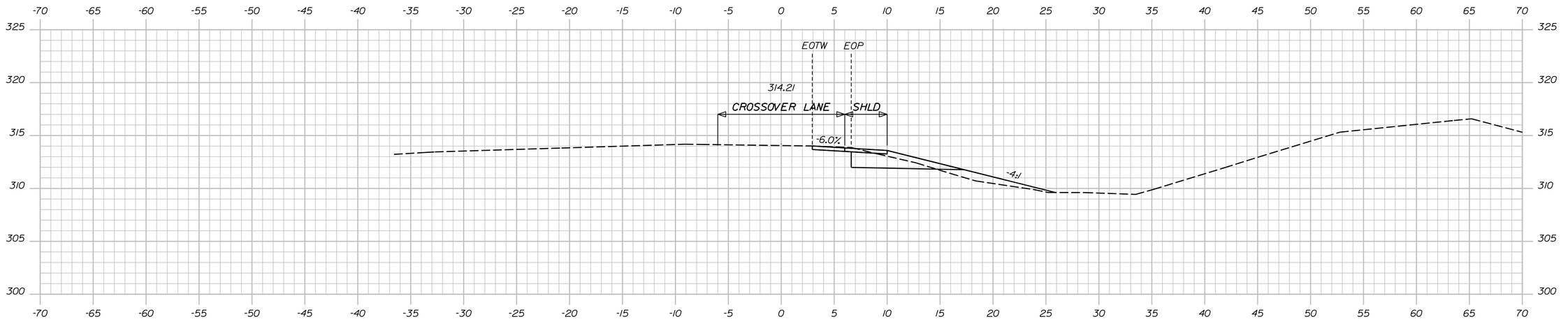
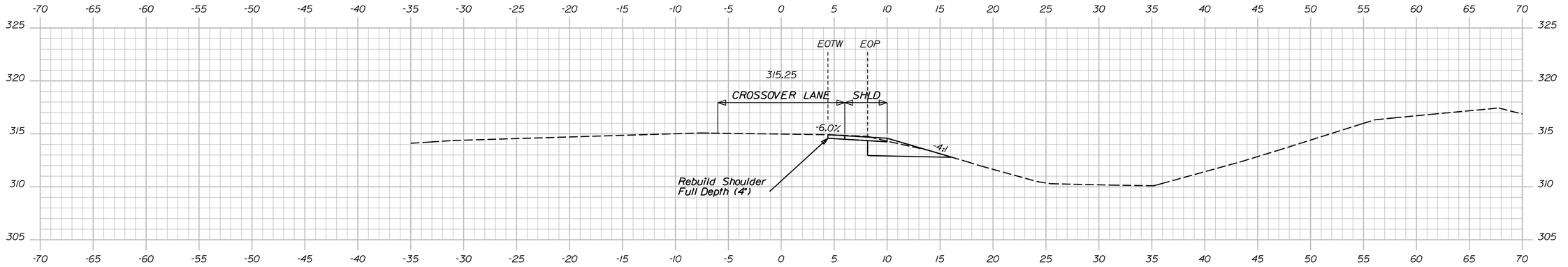


202+00.00



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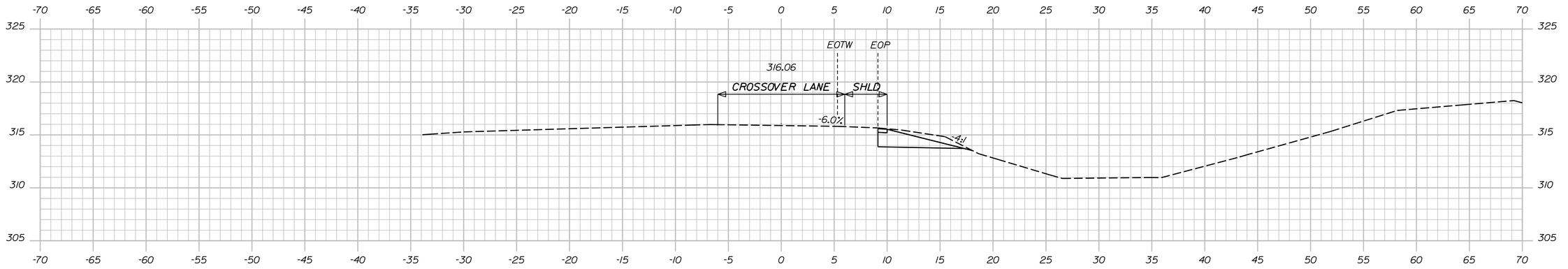

201+50.00

Sta. 201+50.00 to Sta. 202+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

99

OF 168

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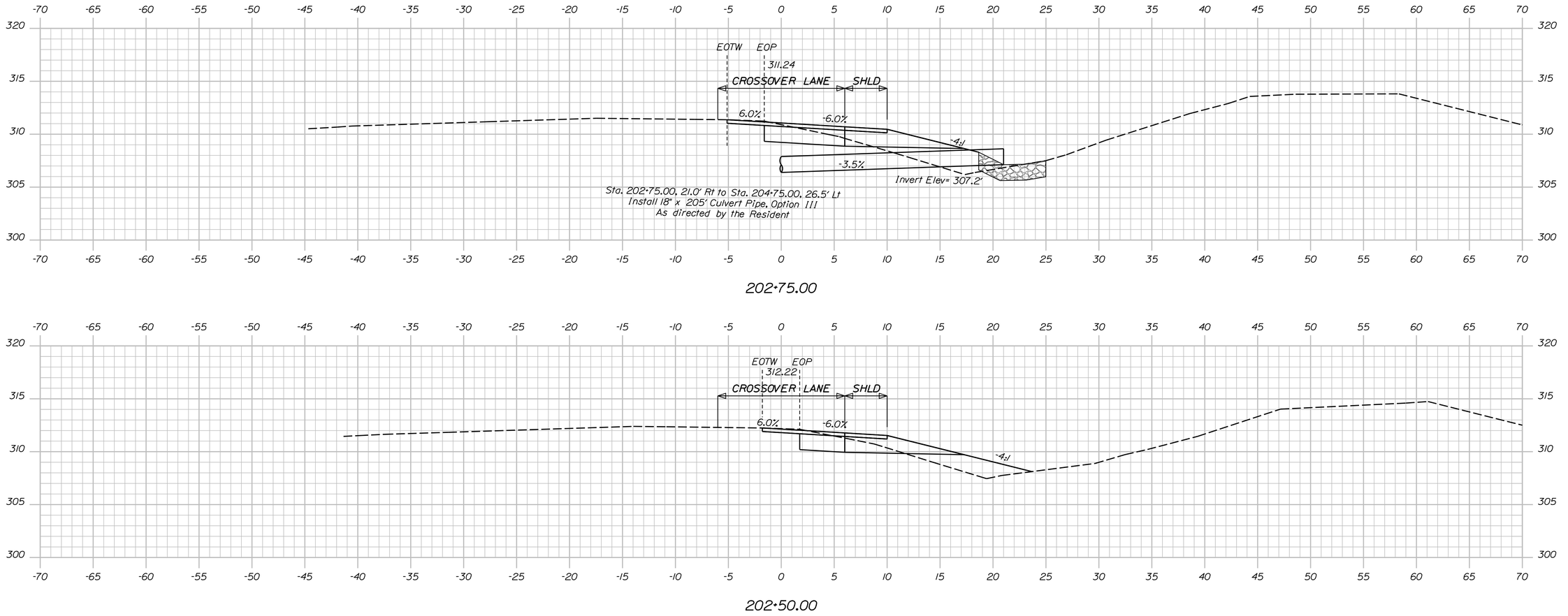

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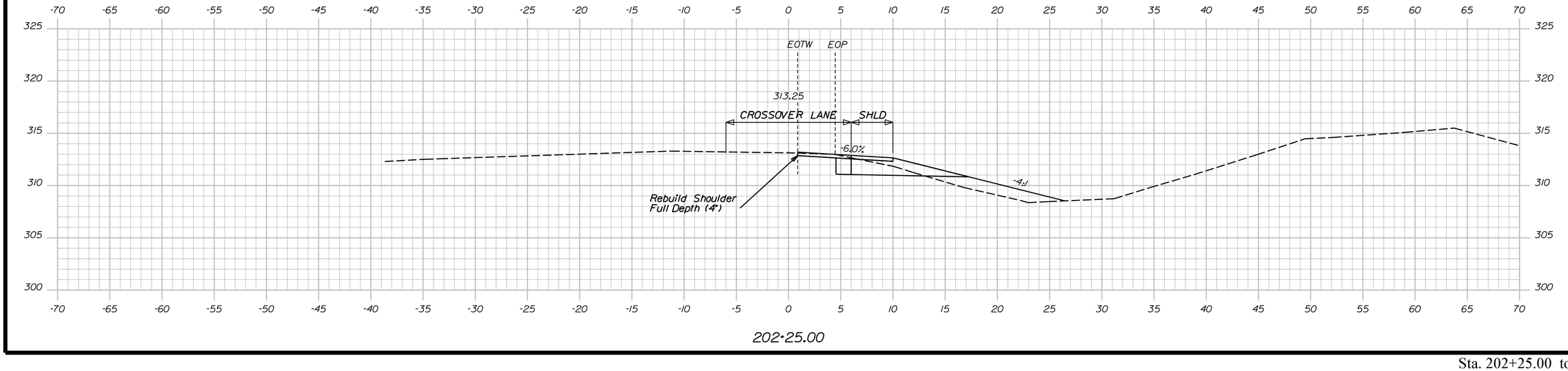
202+50.00



202+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

100

OF 168

Sta. 202+25.00 to Sta. 202+75.00

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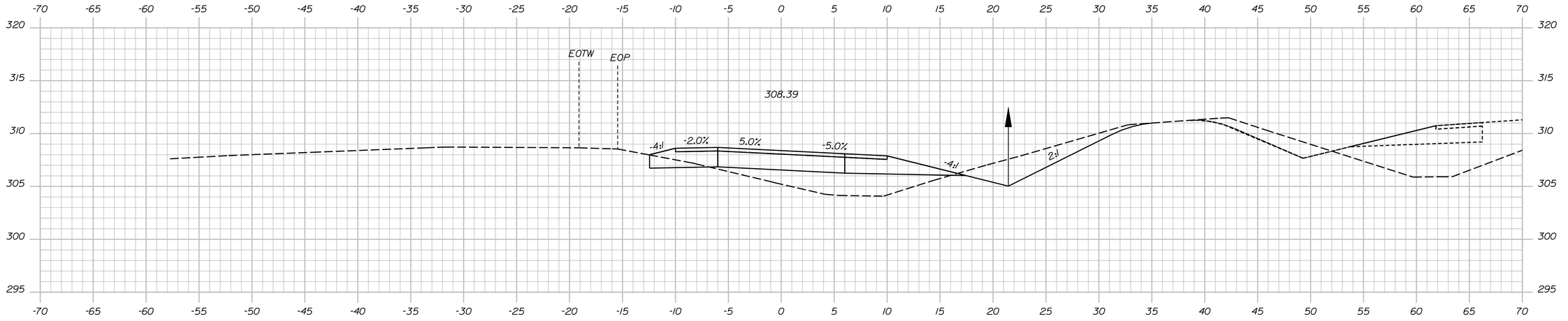
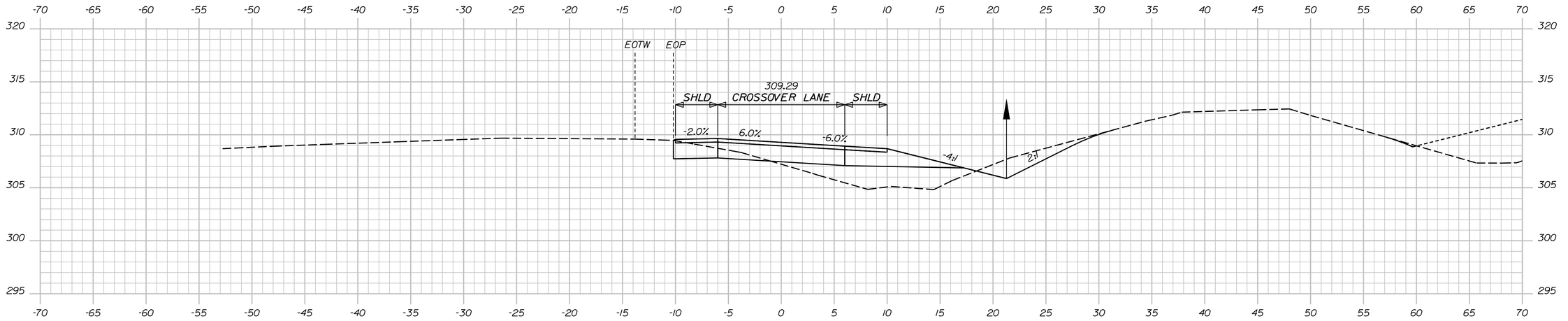
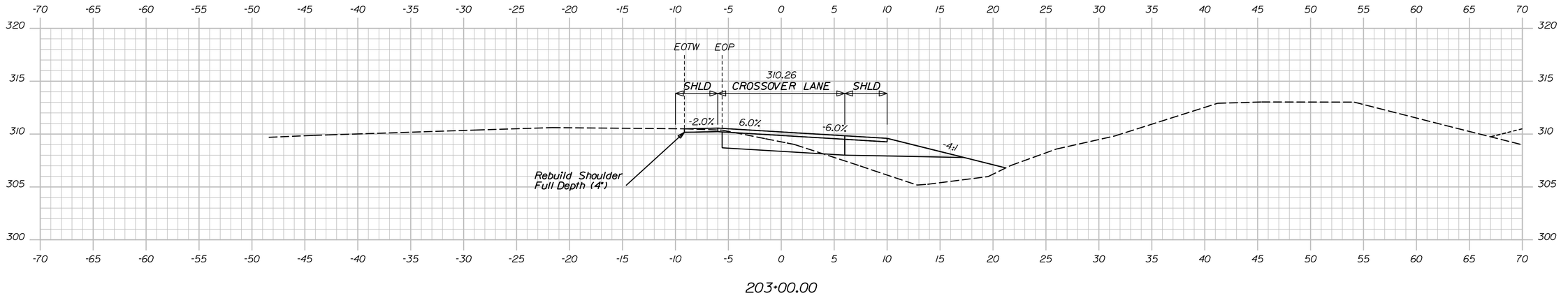
Username: jfitzpatrick Date:10/3/2023







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

101

OF 168

Sta. 203+00.00 to Sta. 203+50.00

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023

Sta. 203+75.00 to Sta. 204+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

102

OF 168

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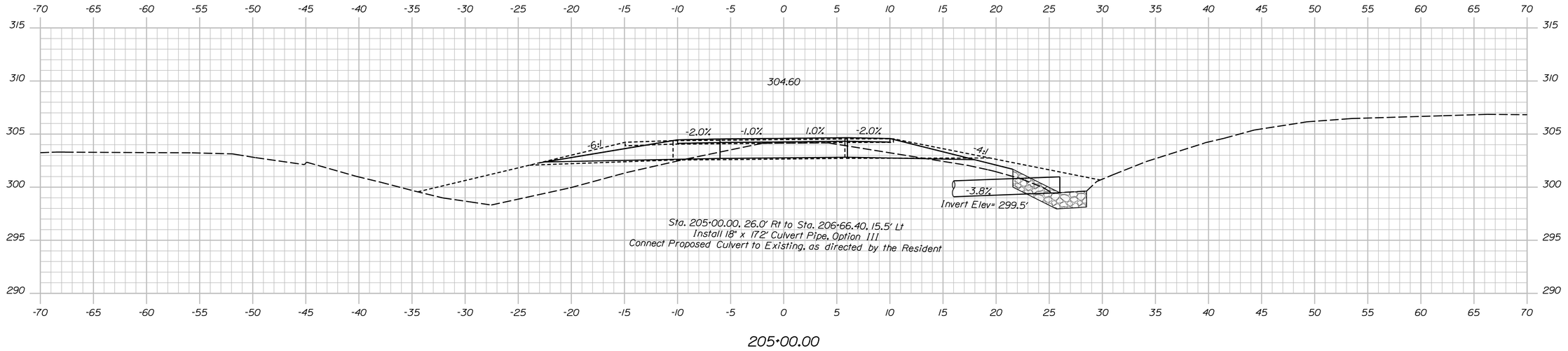

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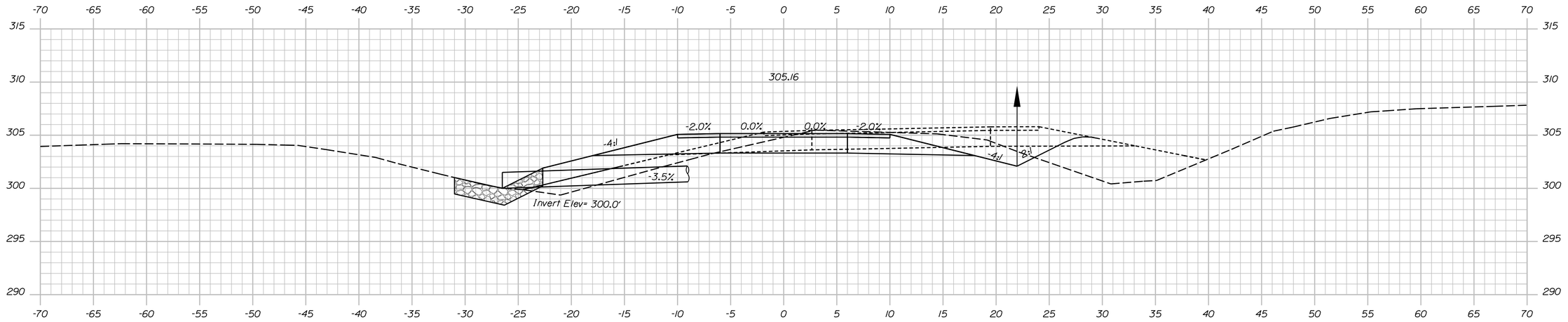

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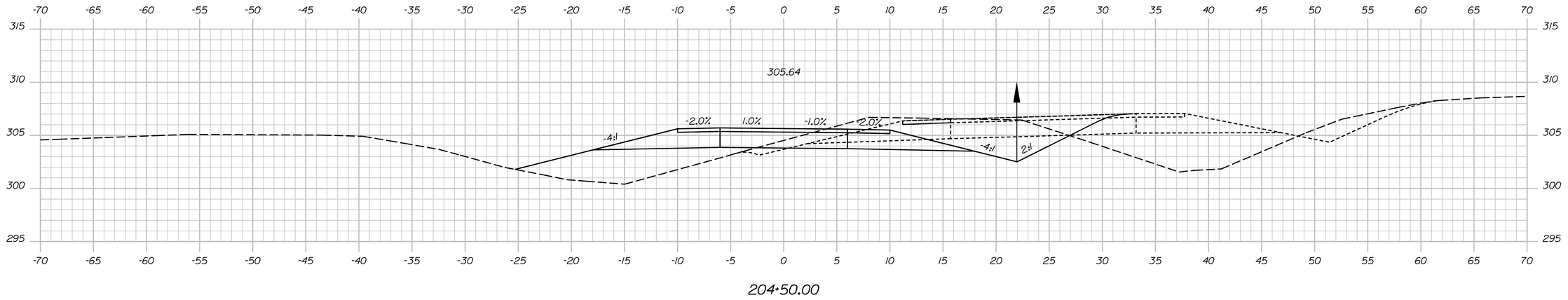

204+50.00

Sta. 204+50.00 to Sta. 205+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

103

OF 168

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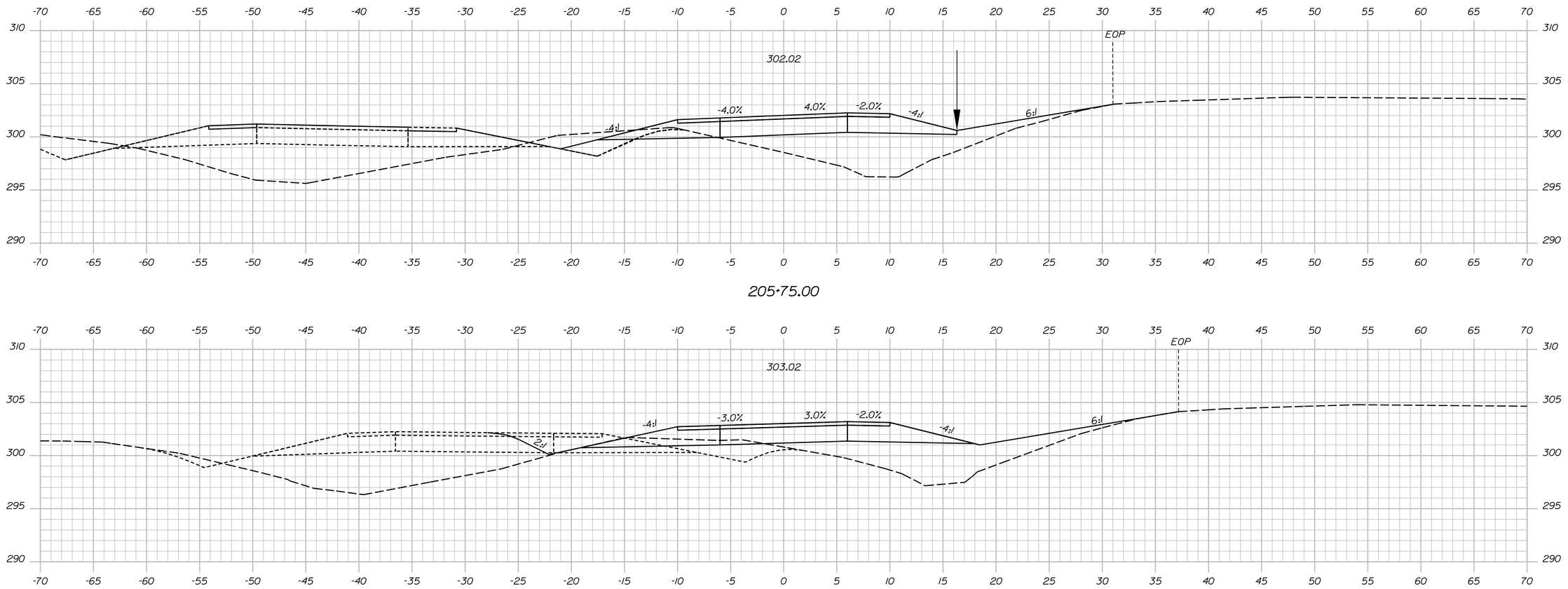

205+75.00

205+50.00

205+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

104

OF 168

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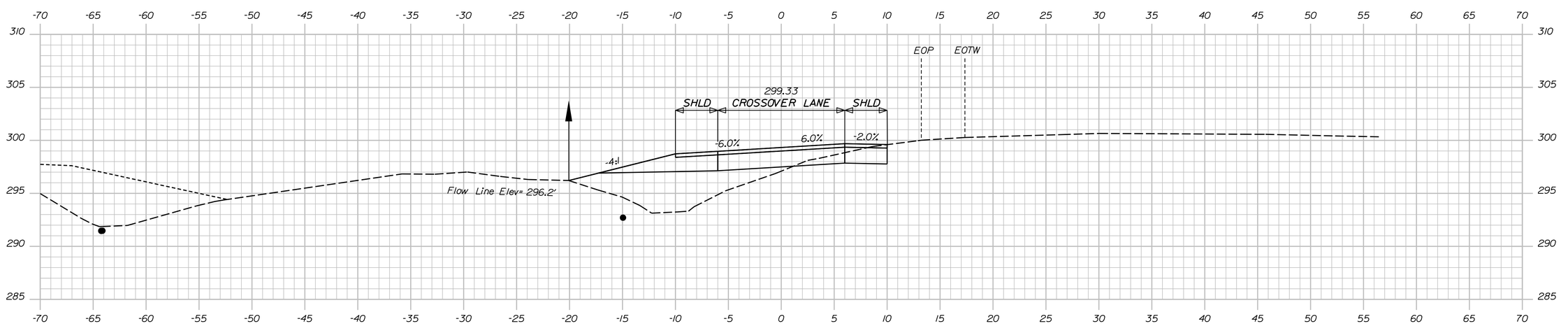
Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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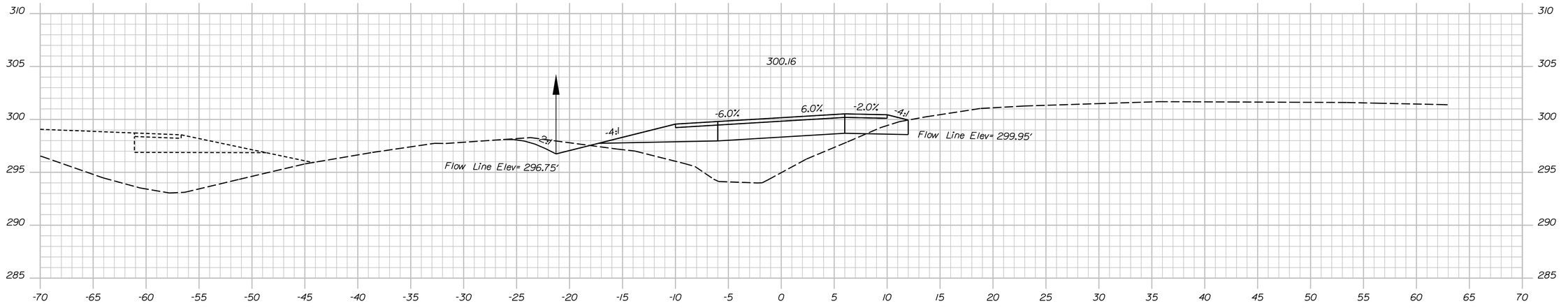

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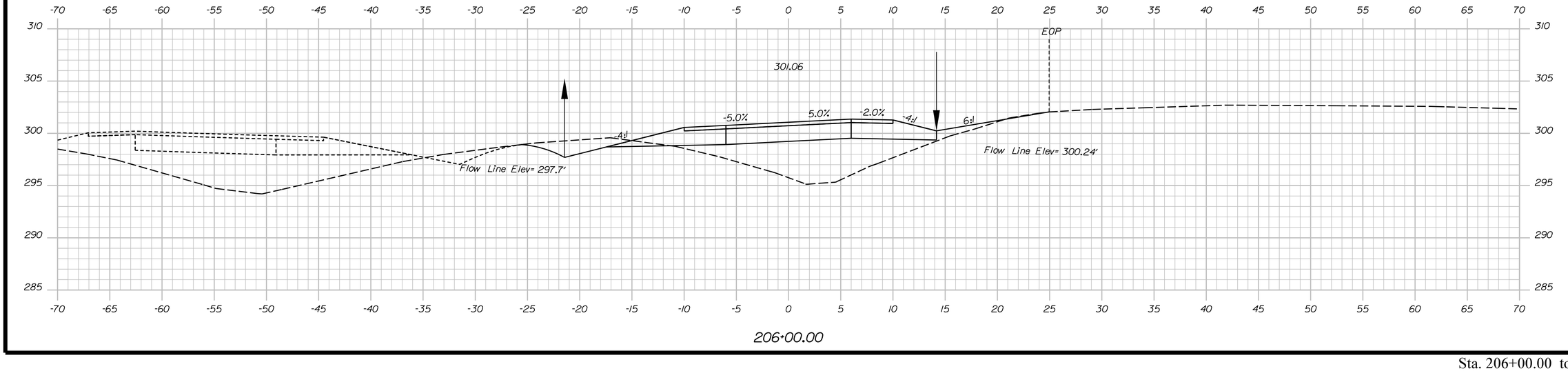

206+00.00

Sta. 206+00.00 to Sta. 206+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

105

OF 168

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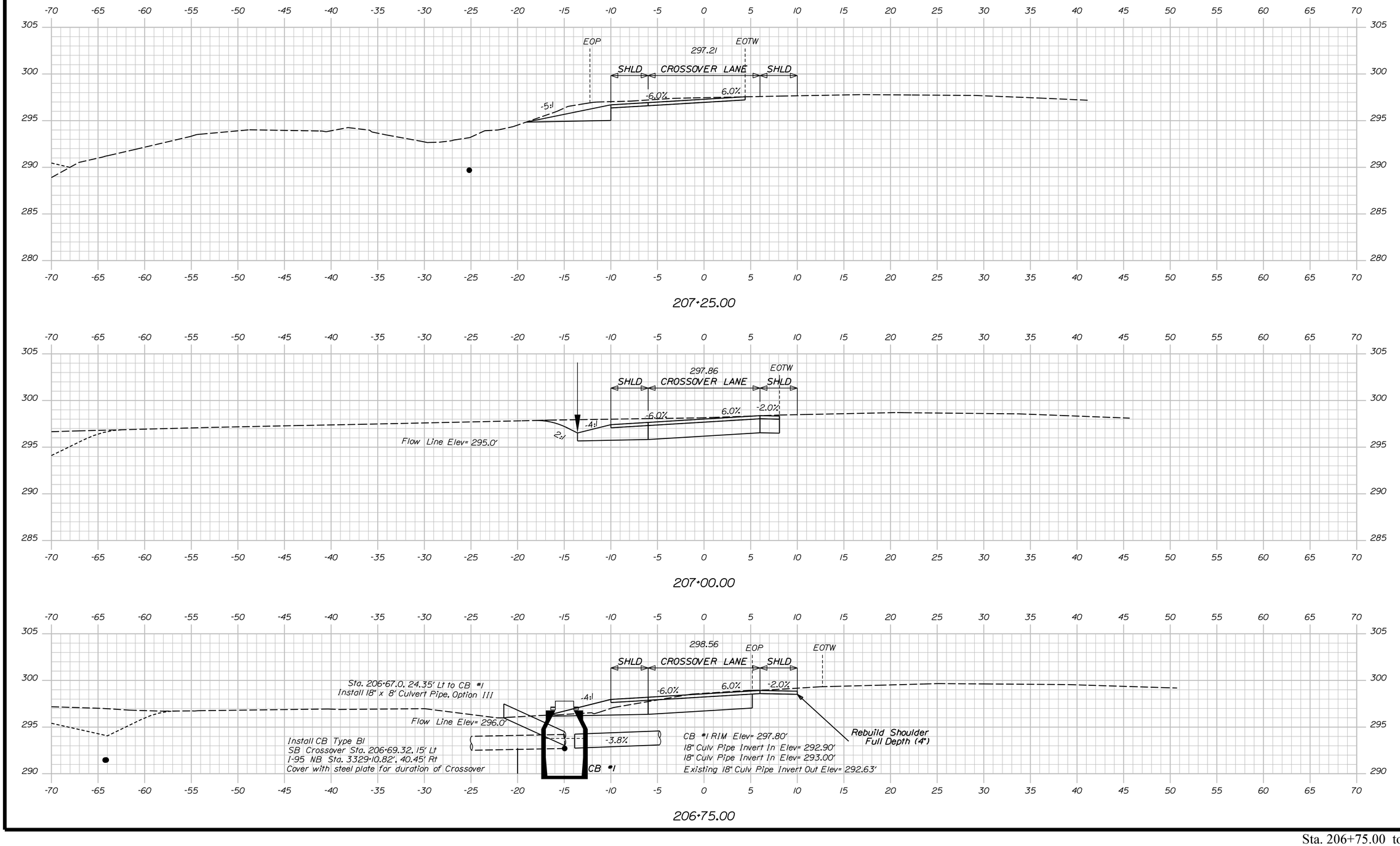


Sta. 206+75.00 to Sta. 207+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY
PENOBSCOT

SB CROSSOVER - SOUTH CROSS SECTIONS

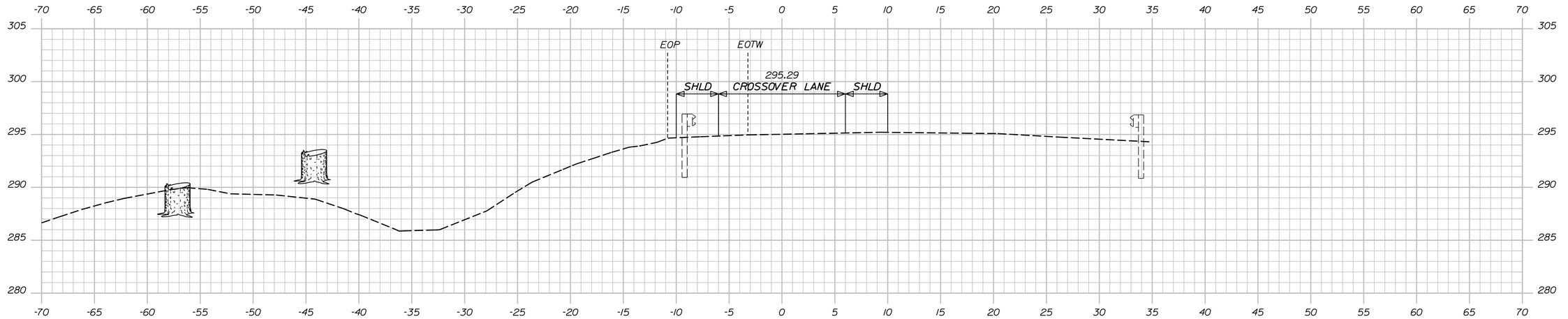
SHEET NUMBER

106

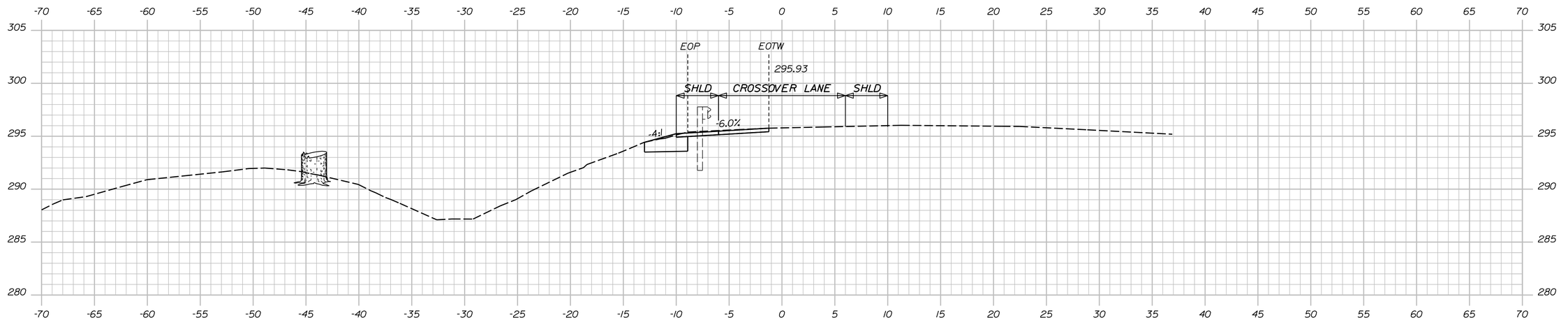
OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\XSect SB XOver.dgn Division:



208+00.00



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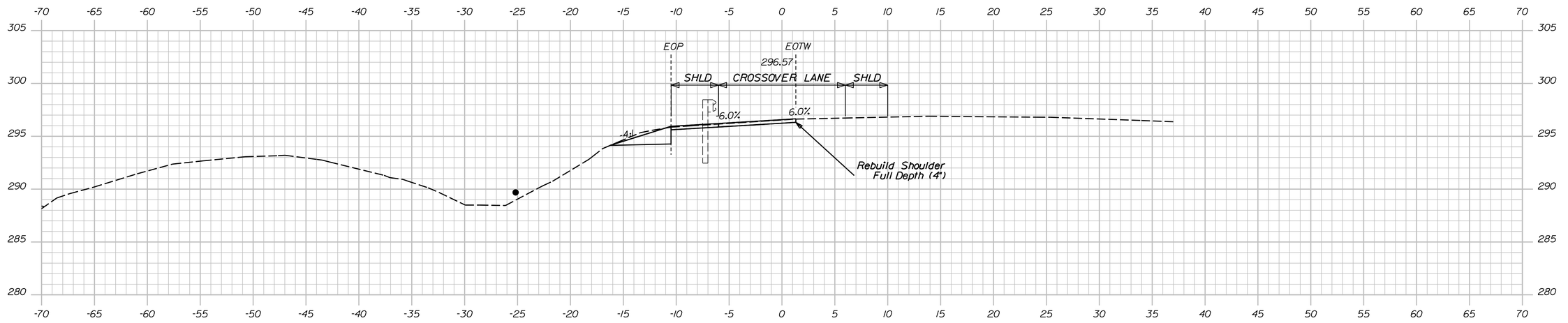


207+50.00

Sta. 207+50.00 to Sta. 208+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

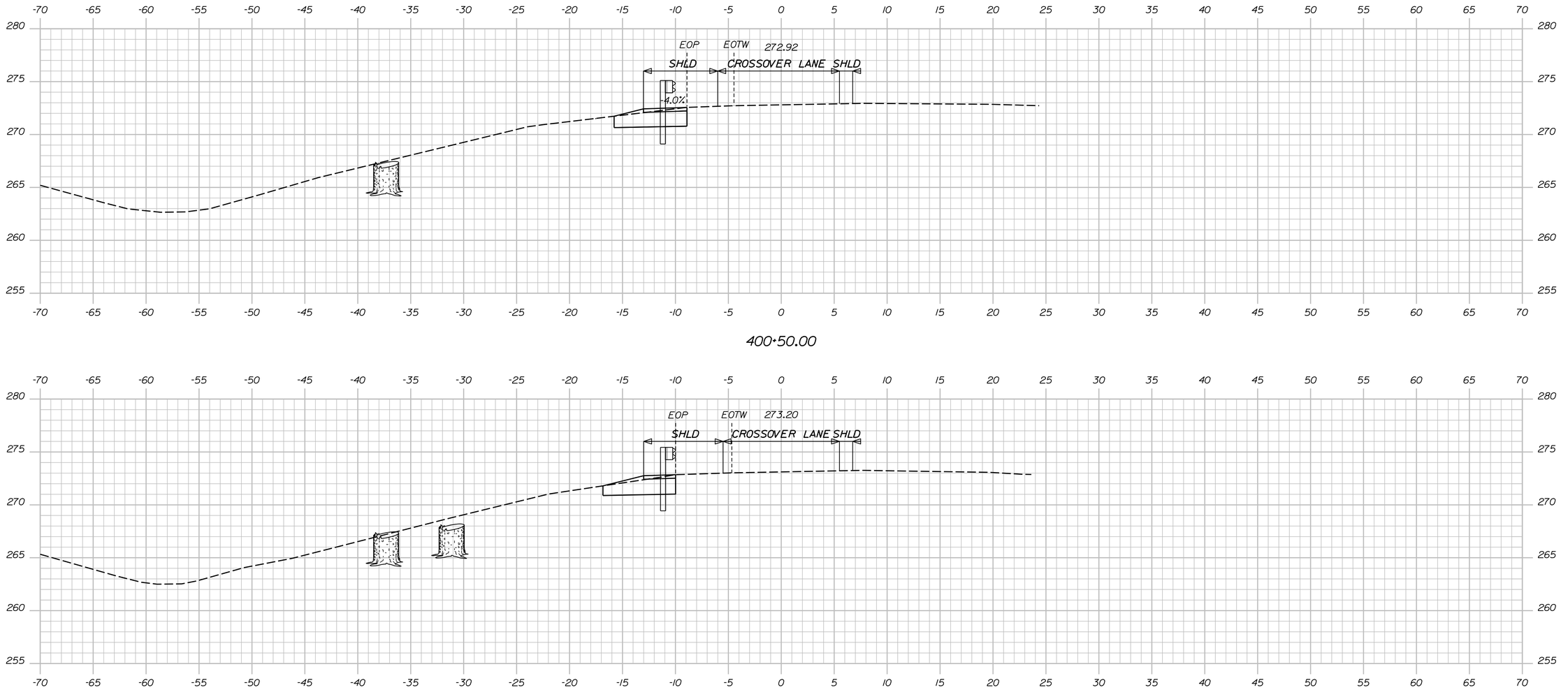
SB CROSSOVER - SOUTH CROSS SECTIONS

SHEET NUMBER

107

OF 168

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



400+50.00

400+25.00

400+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

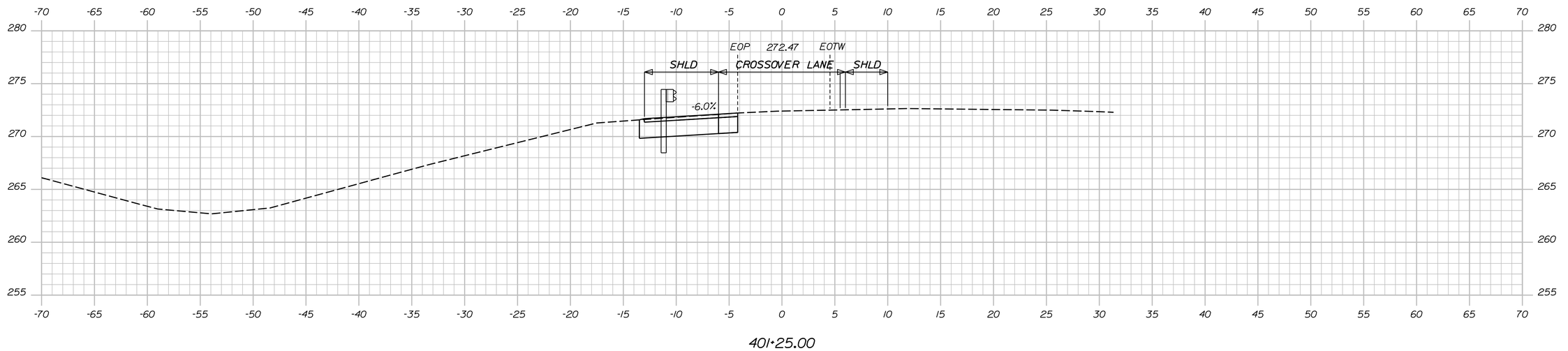
SHEET NUMBER

108

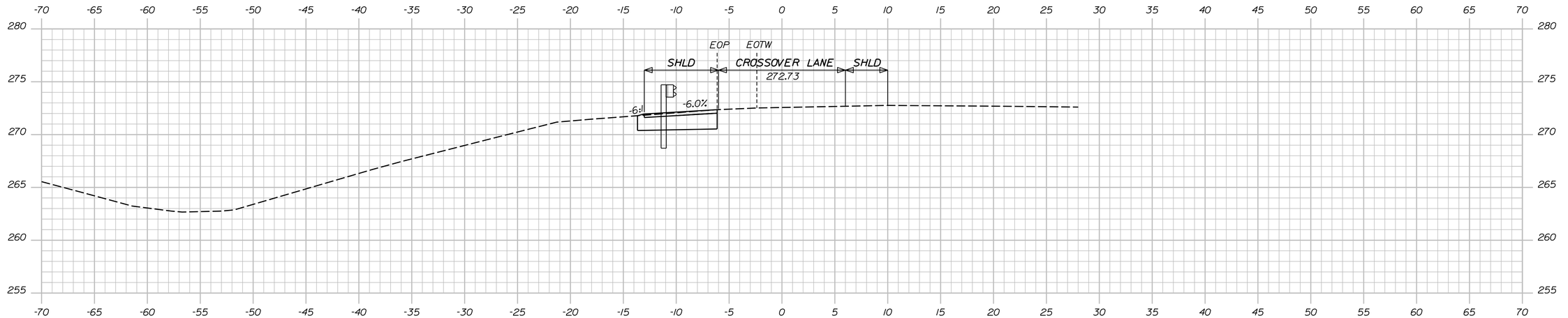
OF 168

Sta. 400+00.00 to Sta. 400+50.00

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



401+25.00



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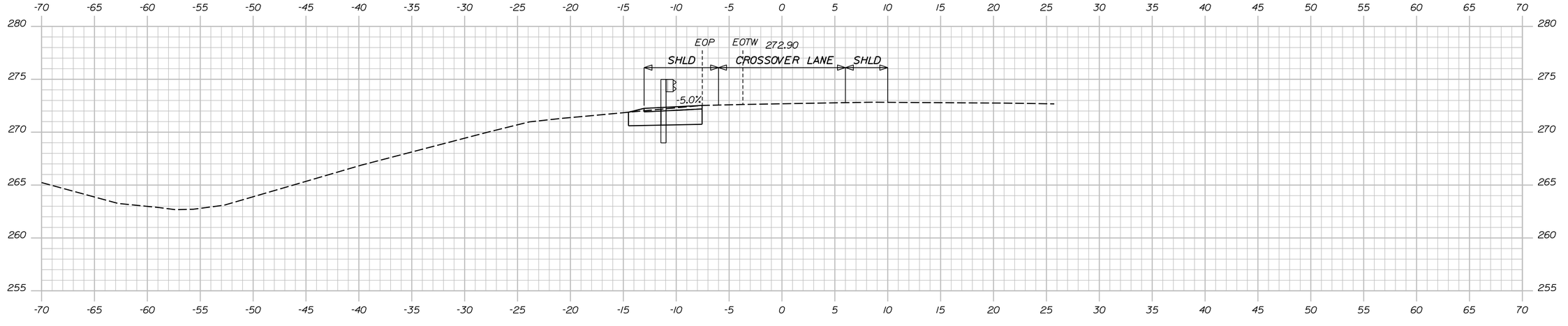


400+75.00

Sta. 400+75.00 to Sta. 401+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

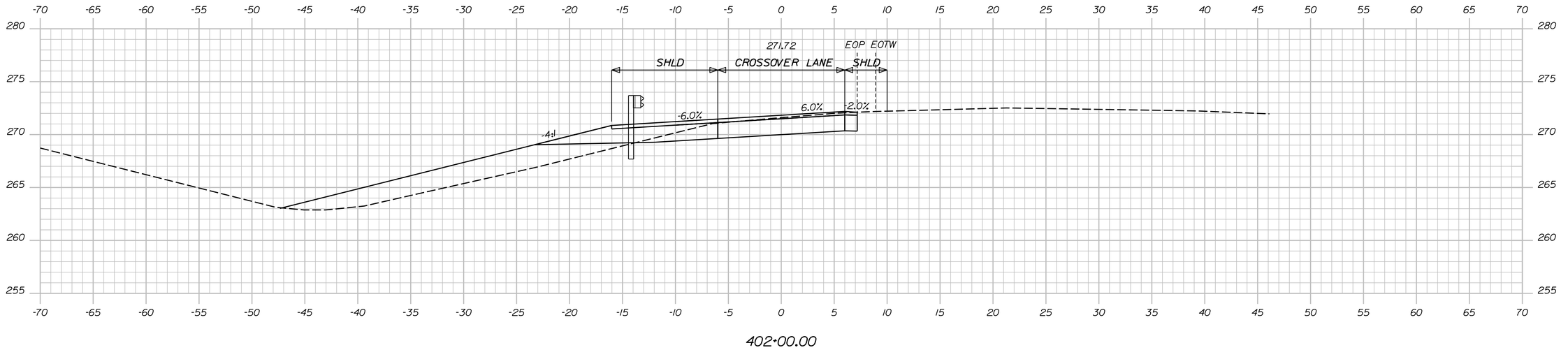
SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

109

OF 168

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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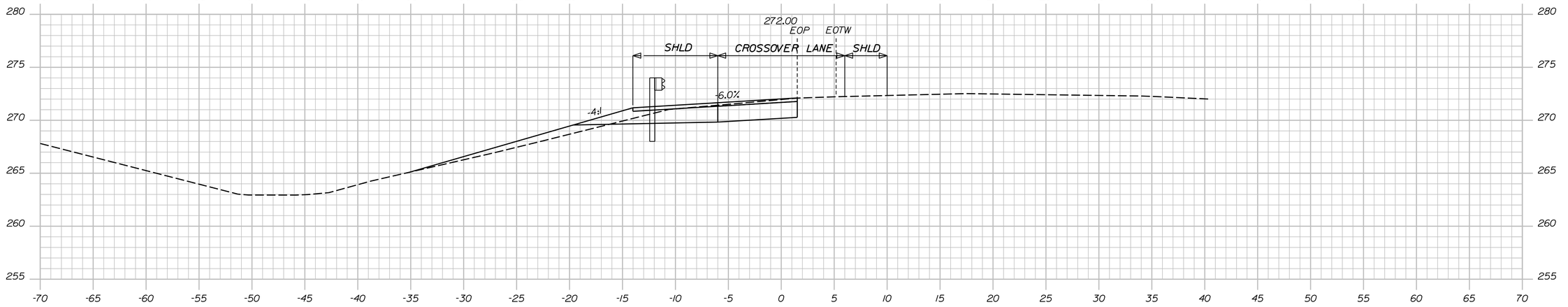

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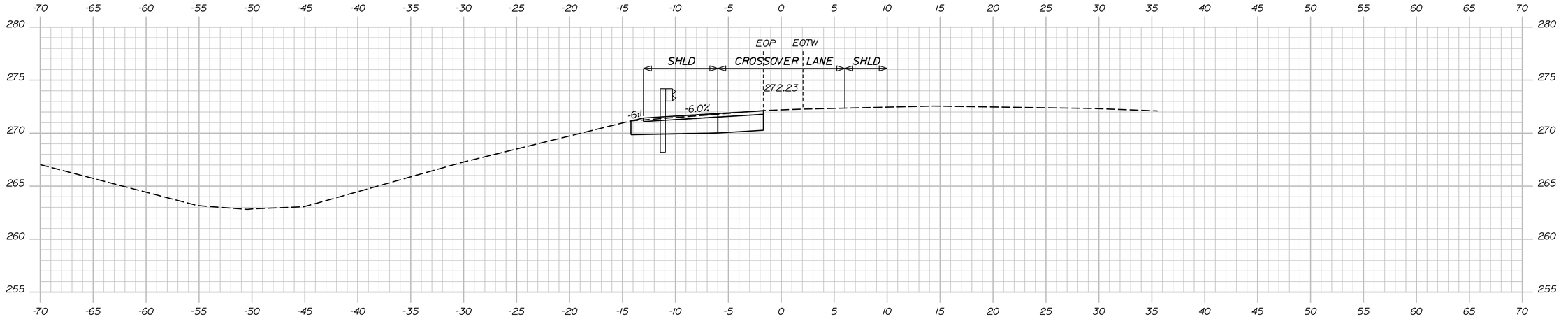

401+50.00

Sta. 401+50.00 to Sta. 402+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

110

OF 168

Username: jfitzpatrick Date:10/3/2023

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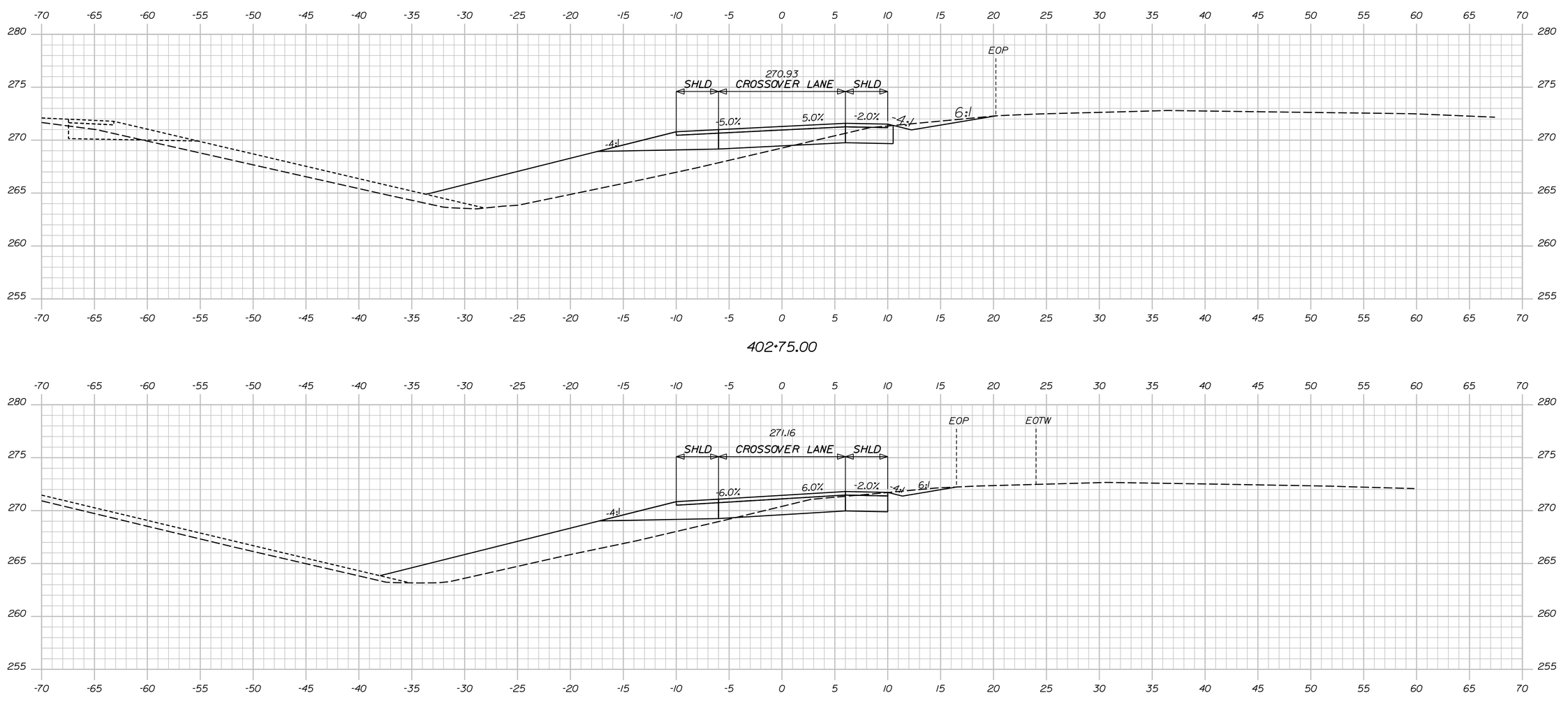

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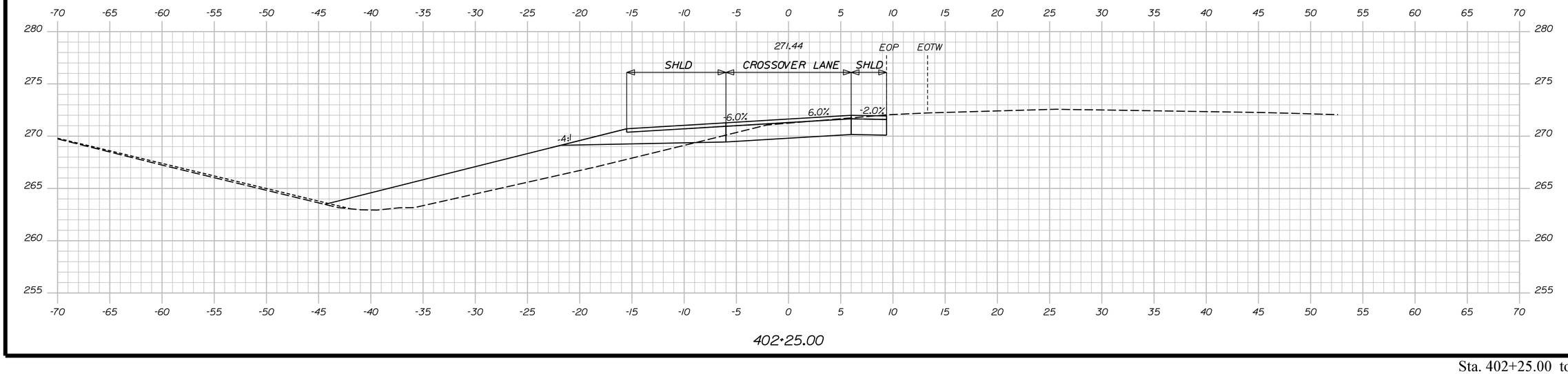

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

111

OF 168

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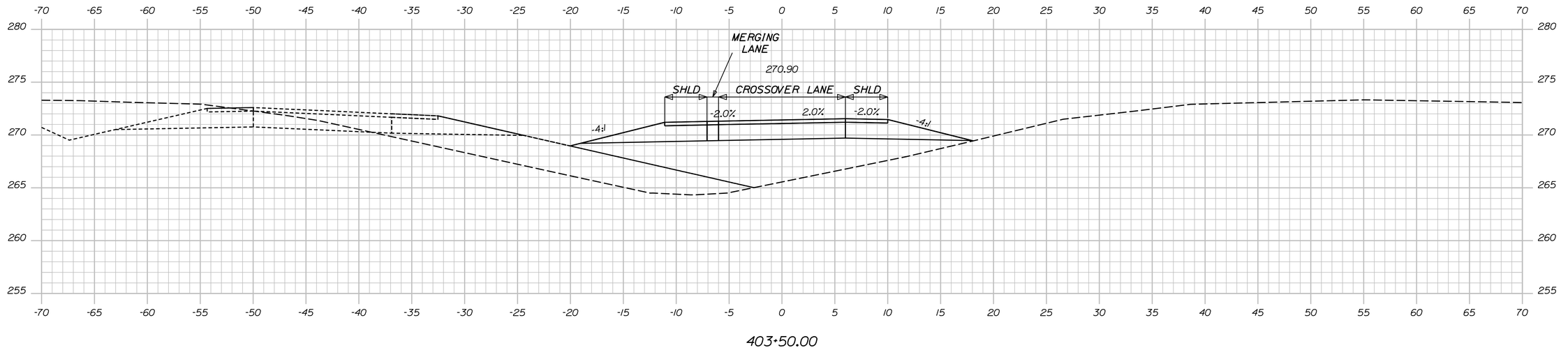
Username: jfitzpatrick Date:10/3/2023



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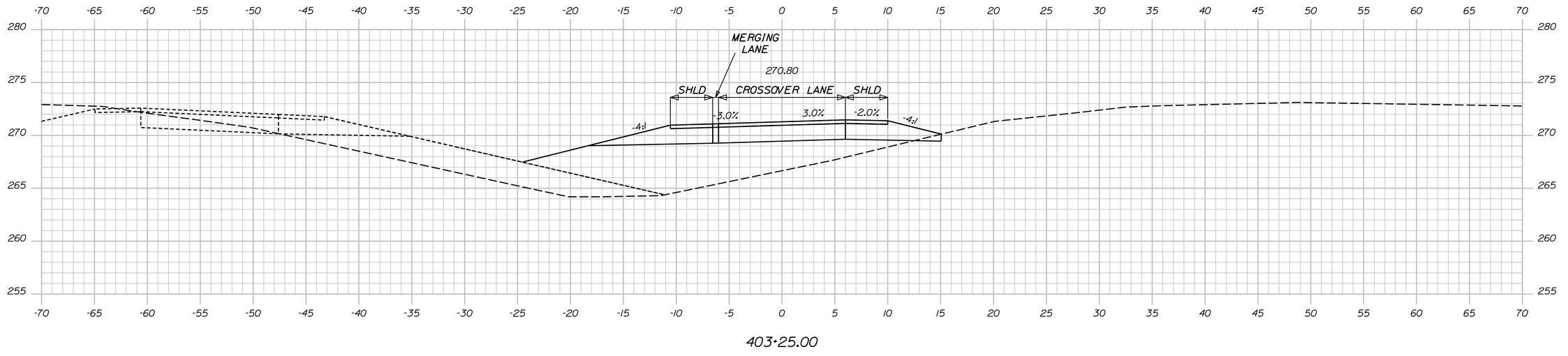

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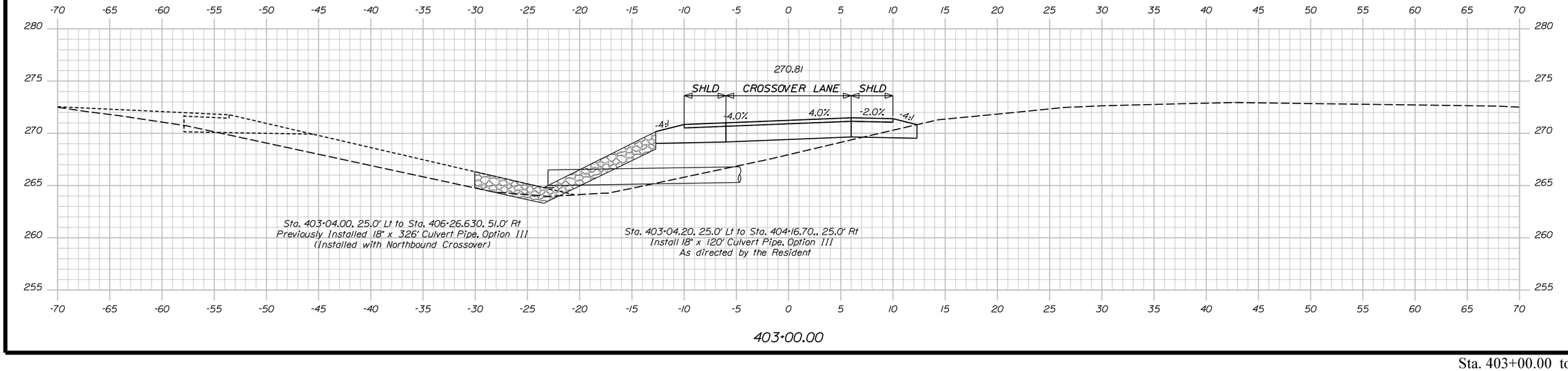

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 25631.04, 25631.05

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

112

OF 168

Sta. 403+00.00 to Sta. 403+50.00

Username: jfitzpatrick Date:10/3/2023
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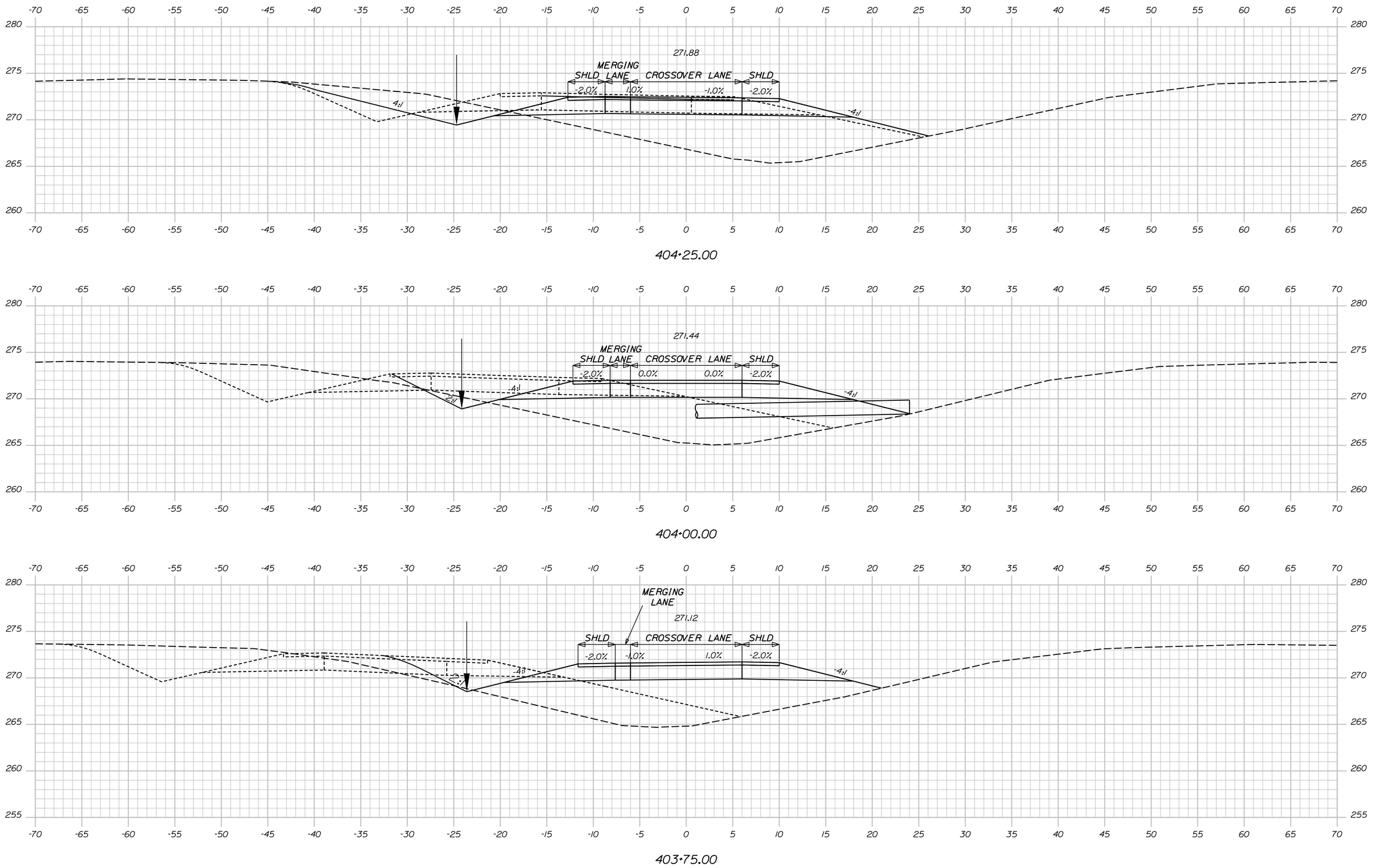

Sta. 403+75.00 to Sta. 404+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	
REVISIONS 1	N. EDMAN	
REVISIONS 2	J. FITZ	
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

113

OF 168

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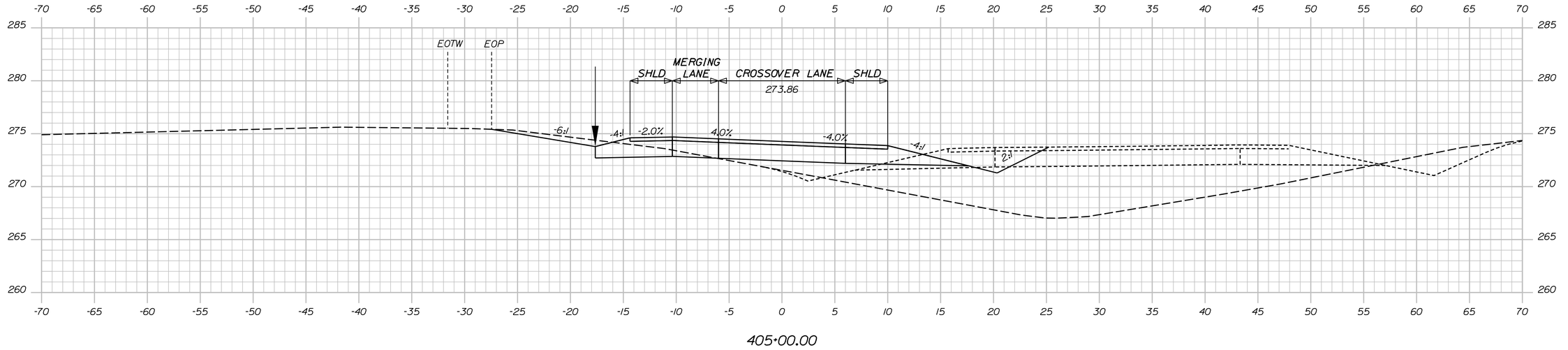

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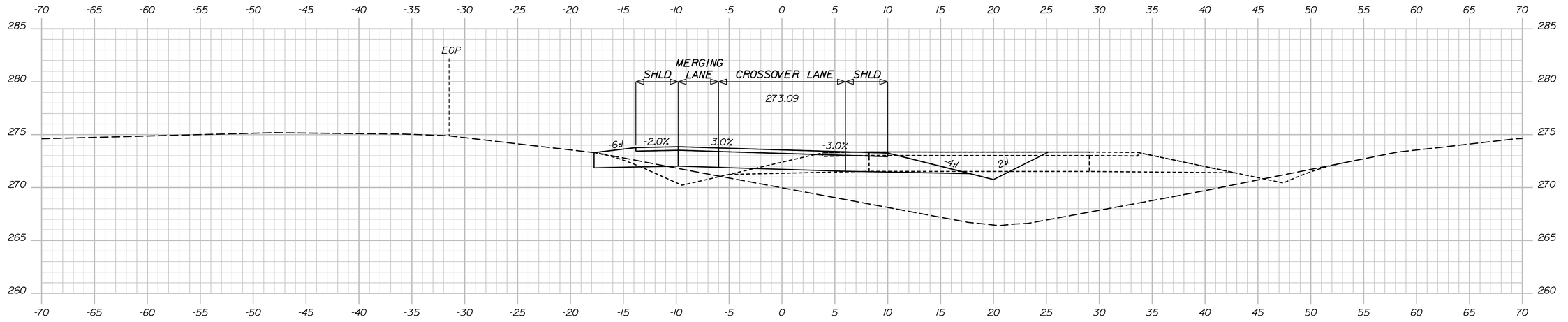

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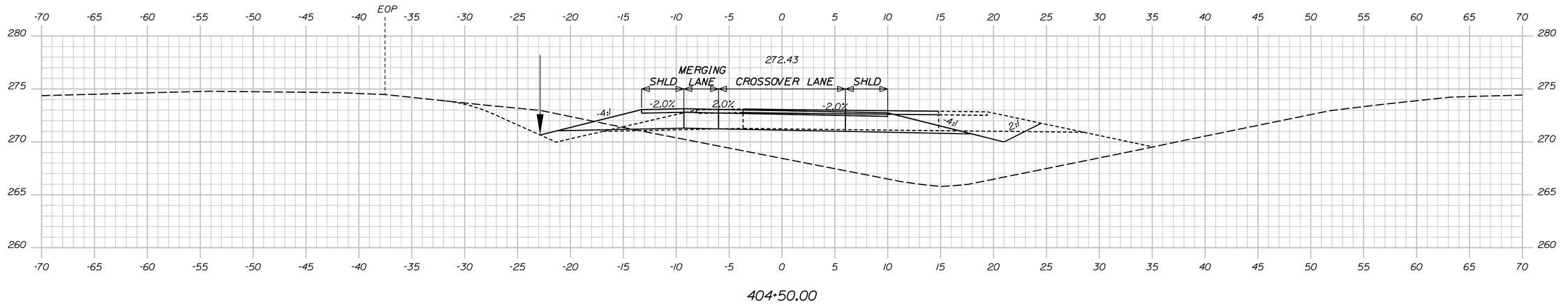

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Sta. 404+50.00 to Sta. 405+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON 08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN 08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ 08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

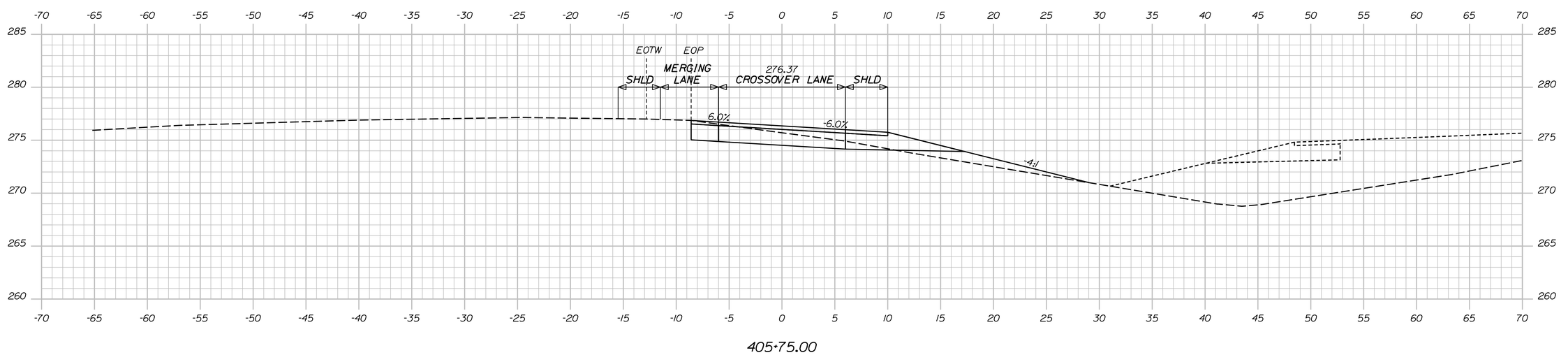
SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

114

OF 168

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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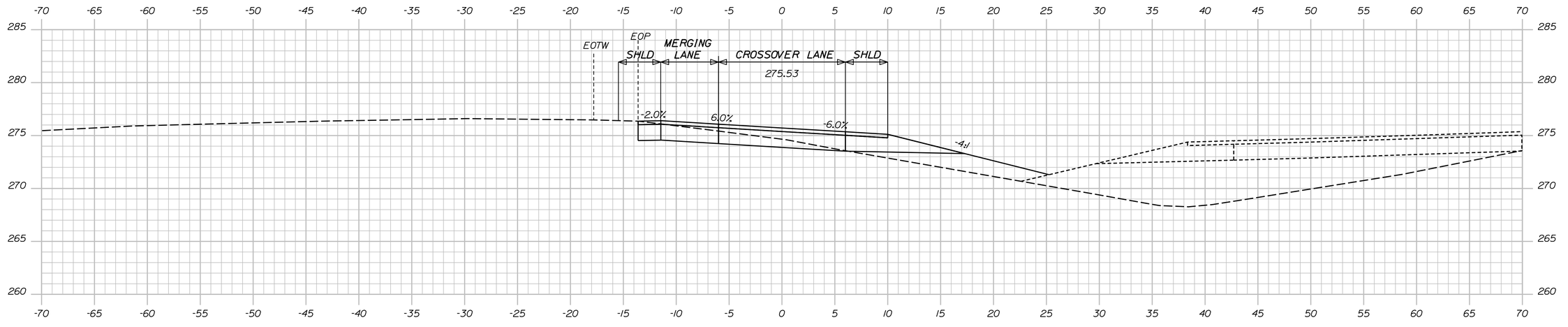

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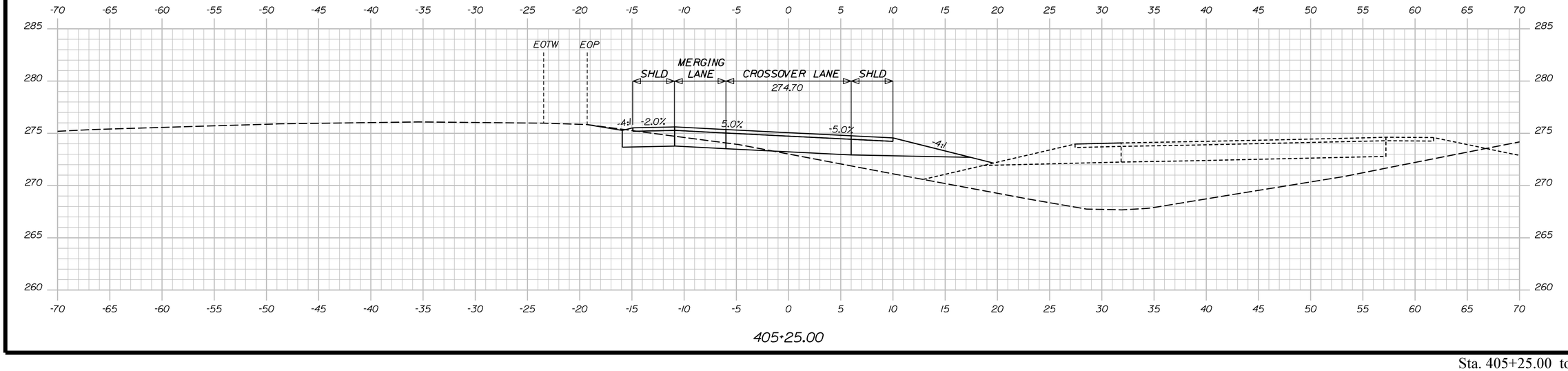

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 25631.05

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL
BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

115

OF 168

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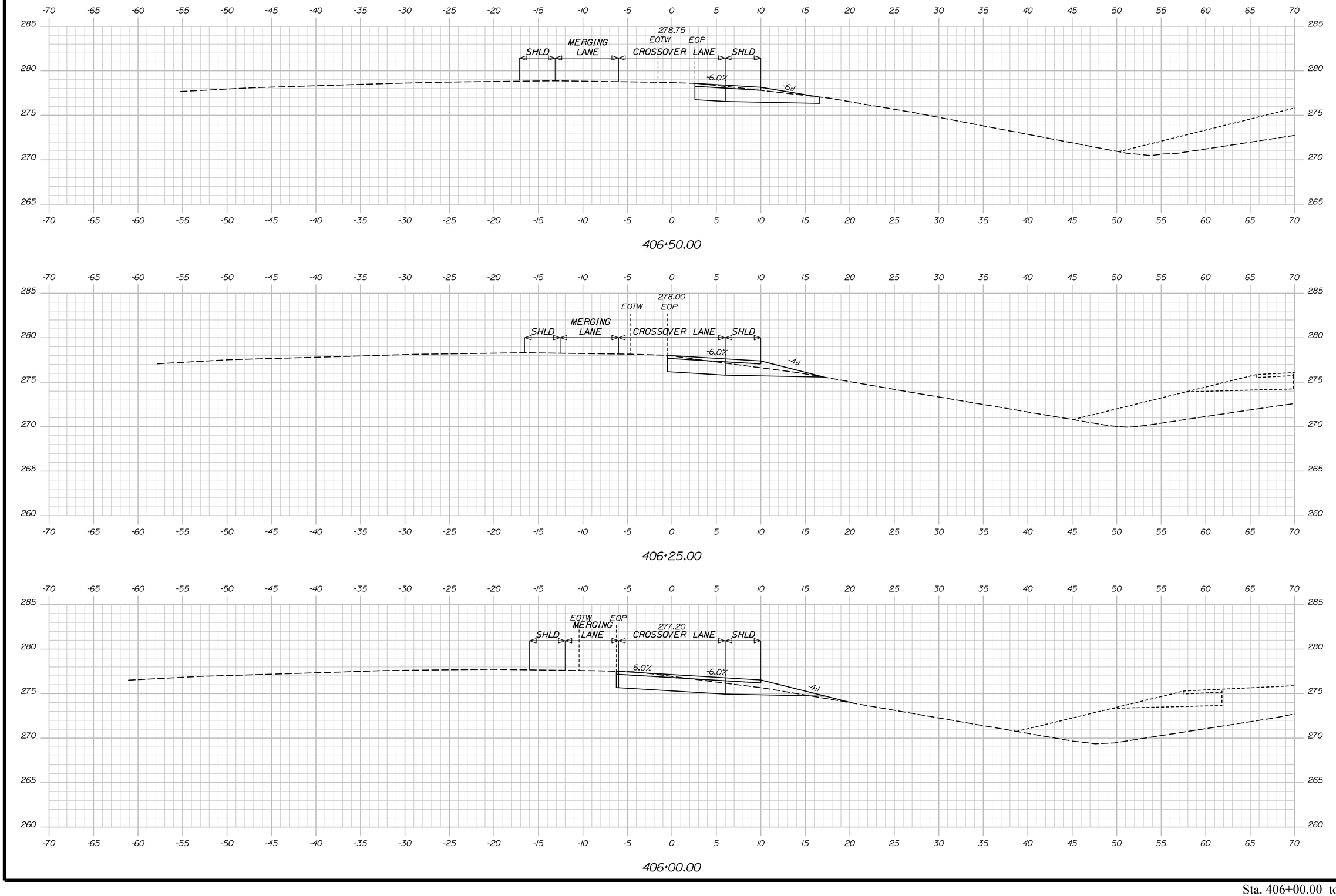
Username: jfitzpatrick Date:10/3/2023



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

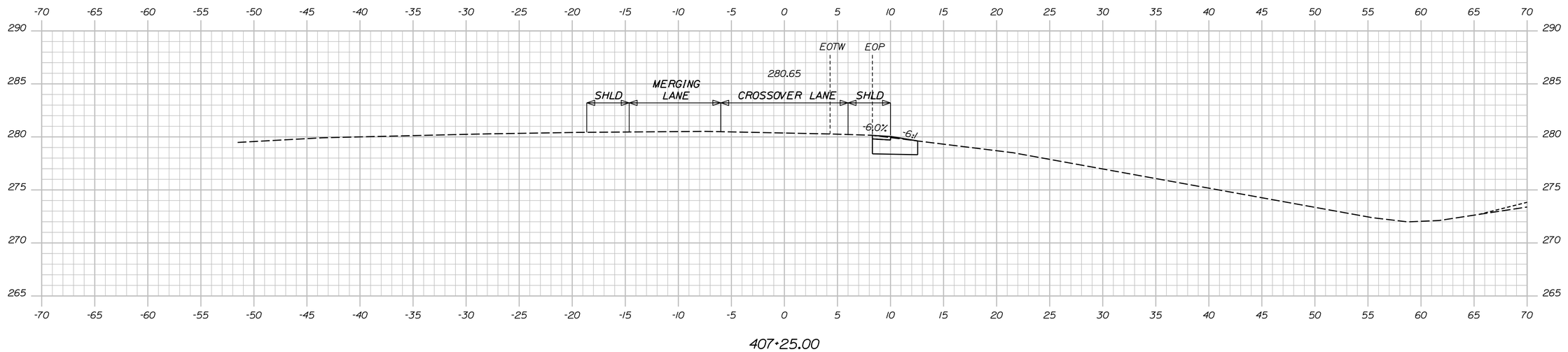
116

OF 168

Username: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\Sheet Files\XSect SB XOver.dgn



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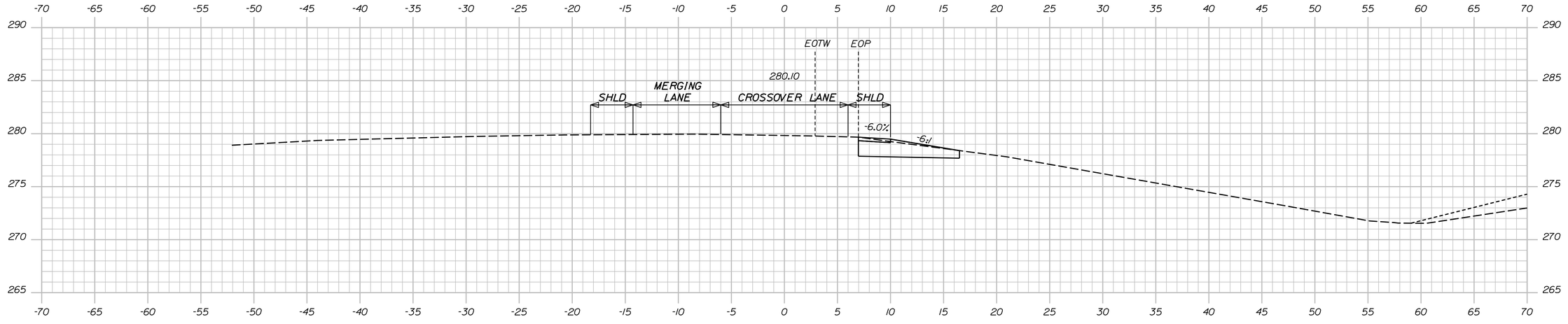

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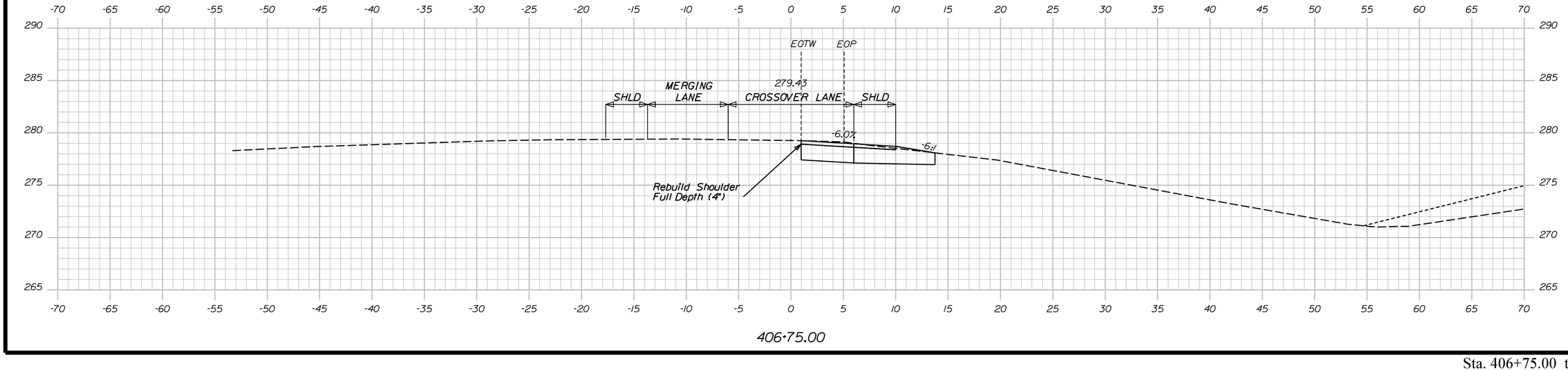


406+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

SB CROSSOVER - NORTH CROSS SECTIONS

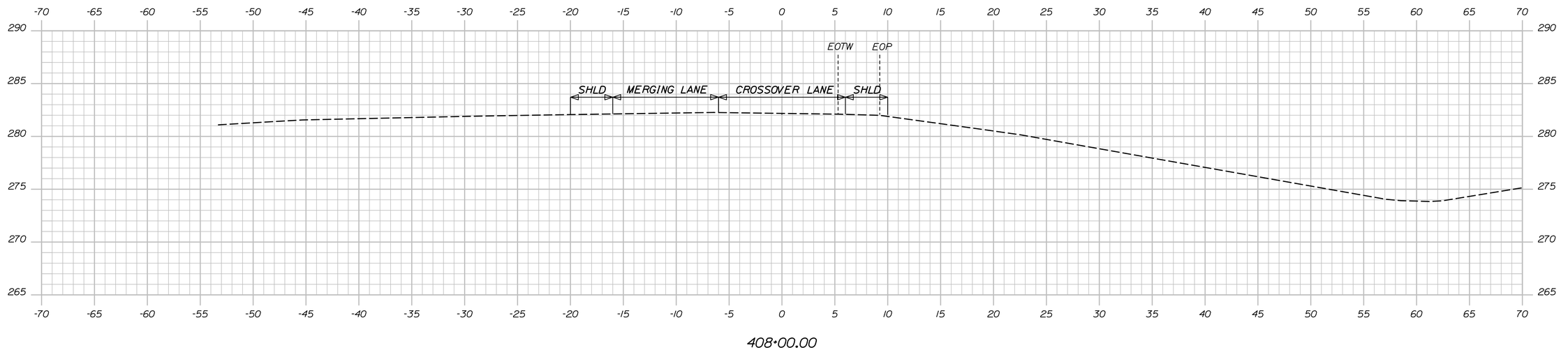
SHEET NUMBER

117

OF 168

Sta. 406+75.00 to Sta. 407+25.00

Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



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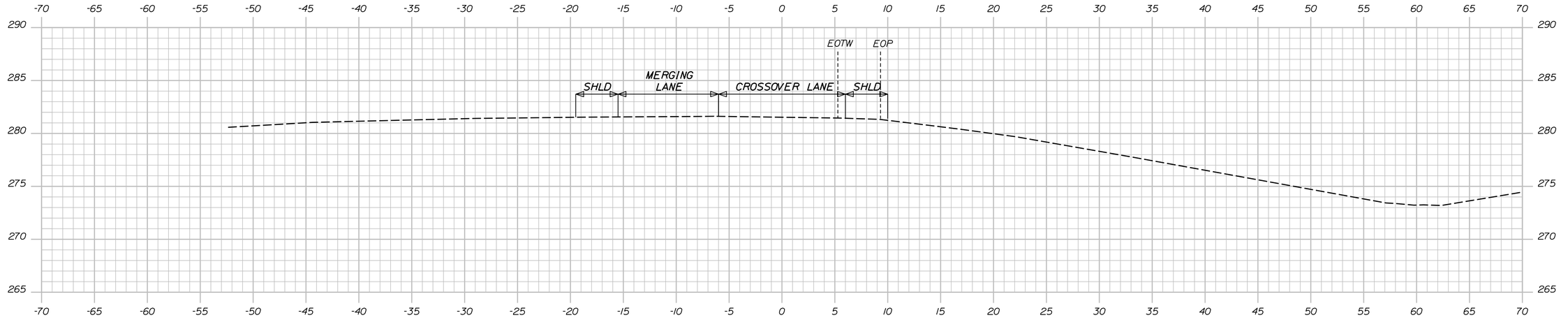

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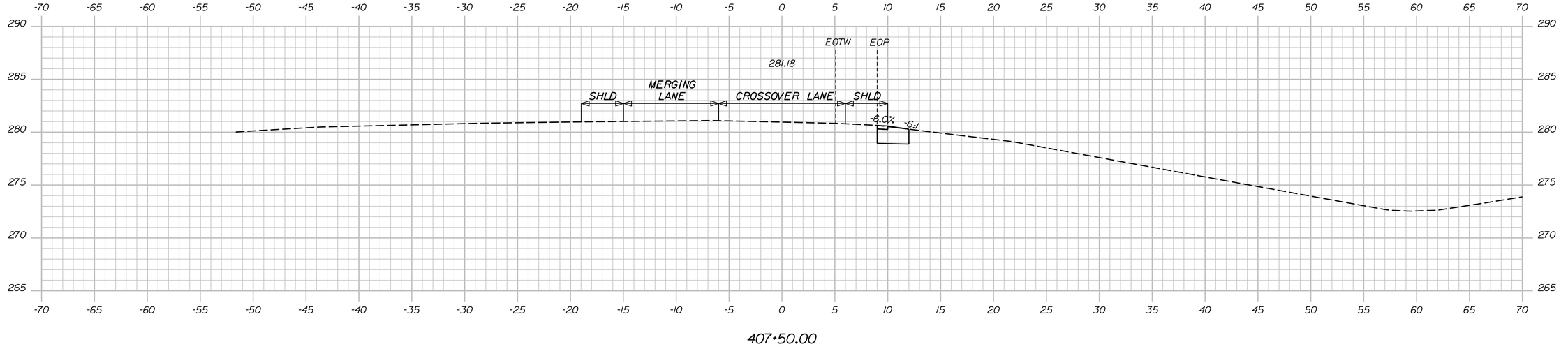


407+50.00

Sta. 407+50.00 to Sta. 408+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563104, 2563105

WIN 25631.01, 25631.02, 25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES & I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1410, 6078, 1411, 6077
MEDWAY PENOBSCOT

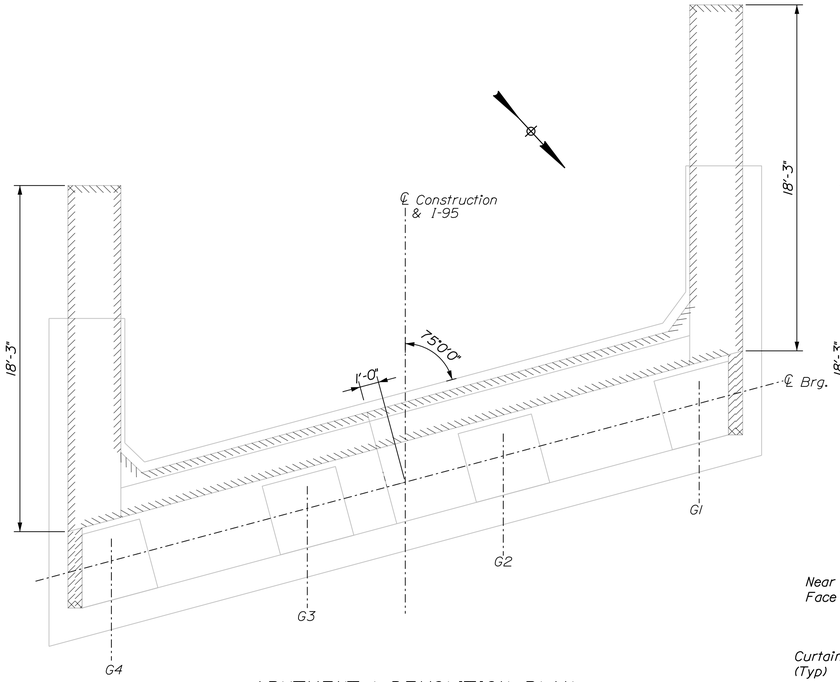
SB CROSSOVER - NORTH CROSS SECTIONS

SHEET NUMBER

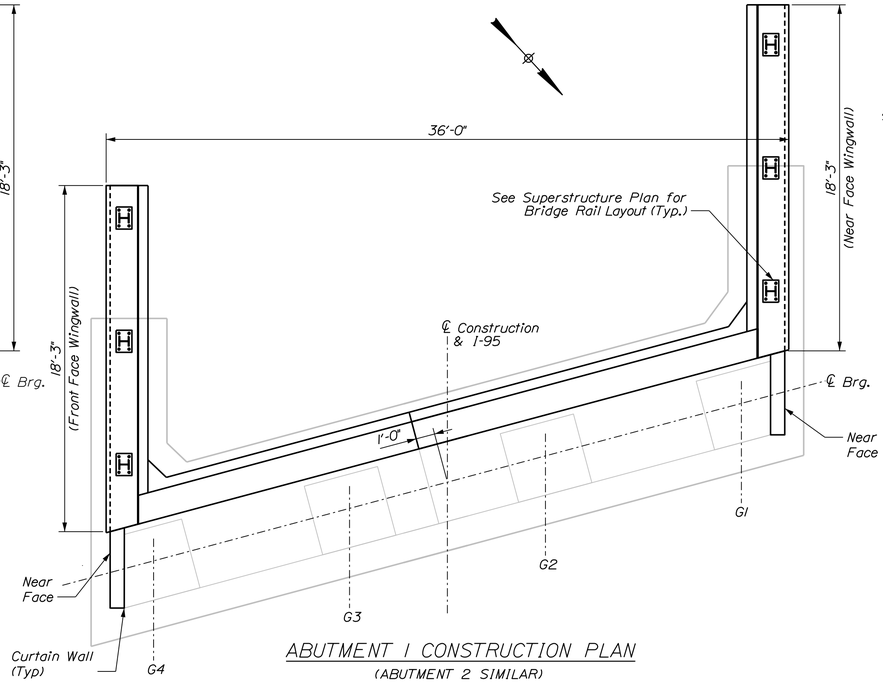
118

OF 168

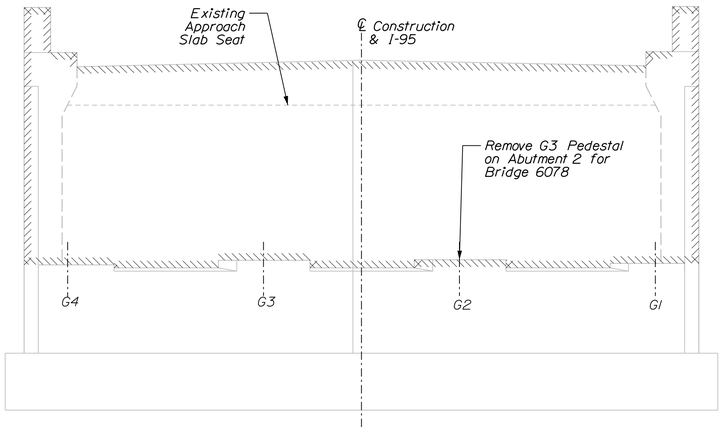
Filename: ...\Sheet Files\XSect SB XOver.dgn Division: Username: jfitzpatrick Date:10/3/2023



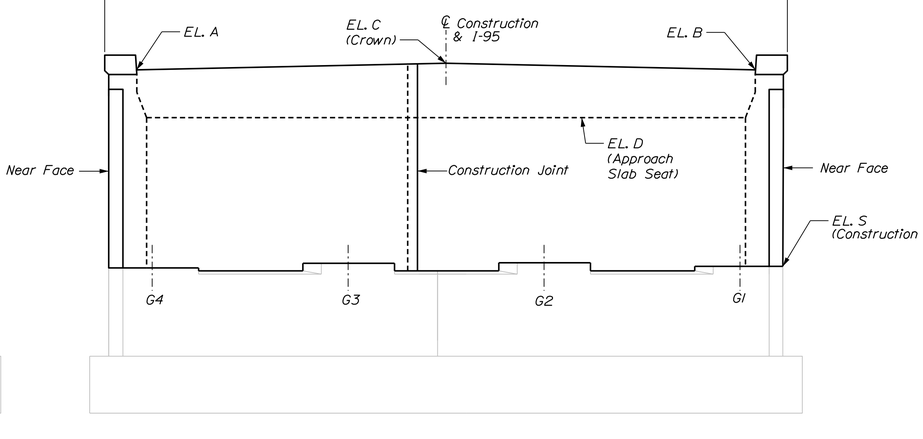
ABUTMENT 1 DEMOLITION PLAN
(ABUTMENT 2 SIMILAR)



ABUTMENT 1 CONSTRUCTION PLAN
(ABUTMENT 2 SIMILAR)



ABUTMENT 1 DEMOLITION ELEVATION
(ABUTMENT 2 SIMILAR)



ABUTMENT 1 CONSTRUCTION ELEVATION
(ABUTMENT 2 SIMILAR)

ABUTMENT AND WINGWALL MODIFICATION NOTES

1. The Contractor shall use care not to damage any existing reinforcing steel which is to remain. Any damaged reinforcing steel shall be replaced as directed by the Resident at no expense to the Department.
2. Before drilling and grouting new reinforcing steel, the Contractor shall locate reinforcing steel in existing concrete by non-destructive methods to avoid conflicts. All costs associated with this work shall be incidental to related Contract items.
3. Reinforcing steel shall have 2 inches cover unless otherwise noted.
4. Existing abutment and wingwall concrete to be removed as shown on the plans shall be sawcut 1 inch deep prior to removal of existing concrete. All costs associated with this work shall be incidental to related Contract items.
5. Where drilling and anchoring of reinforcement is required, the Contractor shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval. Payment for drilling and anchoring will be incidental to related Contract items.
6. Dimensions and layout shown are based on available as-built drawings. Contractor shall field verify all dimensions prior to any related work.
7. All surfaces to be rehabilitated shall be clean of all debris and foreign material and shall be roughened to the 1/2" amplitude prior to placement of the new concrete. Payment shall be incidental to related concrete items.
8. Projecting reinforcing that can be maintained may be left in place at Contractor's discretion.
9. Cover joints where waterstops are not required in accordance with Standard Details Section 502.
10. Anchor rods shall be drilled and grouted into bearing pedestals. Grout shall be from MaineDOT approved grout from Qualified Products List.
11. Place drains with a 4-inch diameter in the wingwalls at 10 feet maximum spacing. The exact location will be determined by the Resident.

CONCRETE REPAIR NOTES

1. The quantity of concrete repairs on these drawings are based on visual inspection. If differences are identified, the Resident shall be notified and quantities shall be adjusted accordingly. For approximate locations of repair, see Sheet 121. Actual repair areas will be determined and agreed on by the Contractor and the Resident during construction.
2. No repairs are anticipated for substructure units not shown. The Contractor and the Resident shall verify that no work is required.
3. The Department must approve changes in quantity beyond what is shown or assumed.
4. All broken or corroded reinforcing bars shall be supplemented in accordance with Standard Specification Section 518.04. Supplemental reinforcing shall maintain a clear cover of 2" minimum. Payment for supplemental bars shall be included in items 503.19 and 503.20.

Vaughan Daggett Memorial Bridge Substructure Elevations

Bridge No.	Abutment	EL. A		EL. B		EL. C		EL. D	EL. S*
		NF	FF	NF	FF	NF	FF		
6078	AB 1 NB	283.76	283.77	283.84	283.86	284.14	284.16	281.24	273.35
	AB 2 NB	273.30	273.28	273.22	273.20	273.60	273.58	270.67	262.85
1410	AB 1 SB	283.79	283.81	283.88	283.90	284.18	284.19	281.28	273.35
	AB 2 SB	273.33	273.31	273.23	273.21	273.62	273.60	270.68	262.85

NF = Near Face FF = Far Face

*Elevation to coincide with the existing construction joint elevation. Elevations provided are approximated from the existing bridge plans. To be field verified.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY — PENOBSCOT COUNTY

ABUTMENT MODIFICATIONS

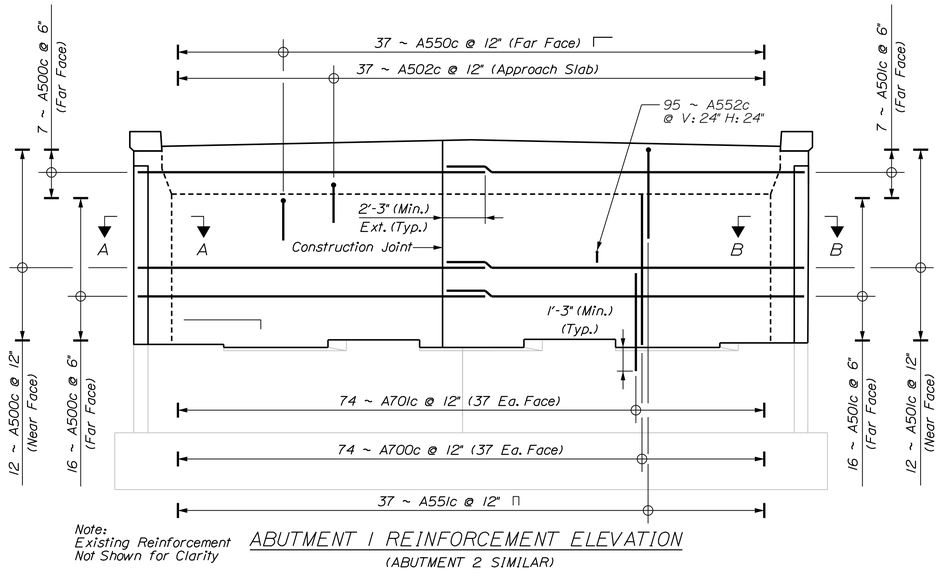
SHEET NUMBER

119

OF 168

Filename: ...\022_VDM_Abutment.dgn Division: Username: jfitzpatrick Date:10/3/2023

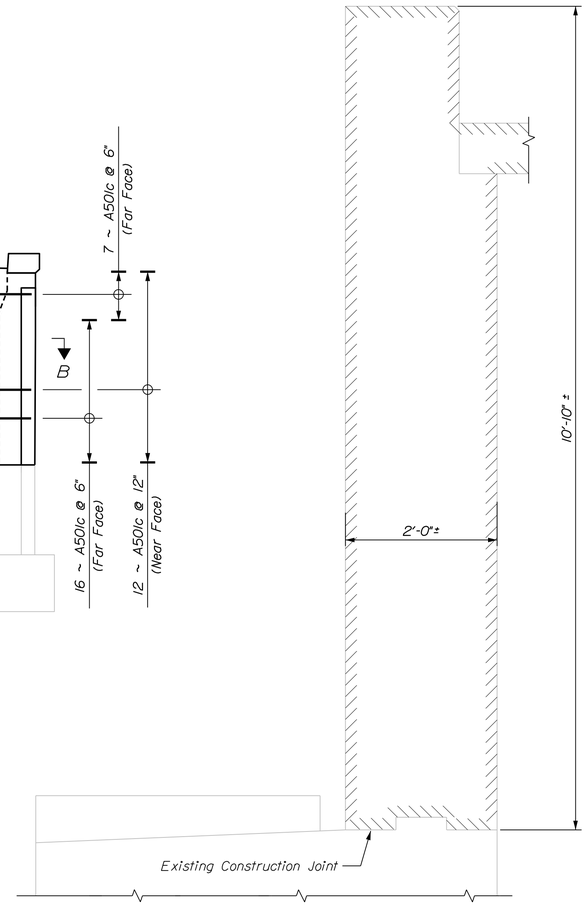
Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\021_VDM_Abutment.dgn



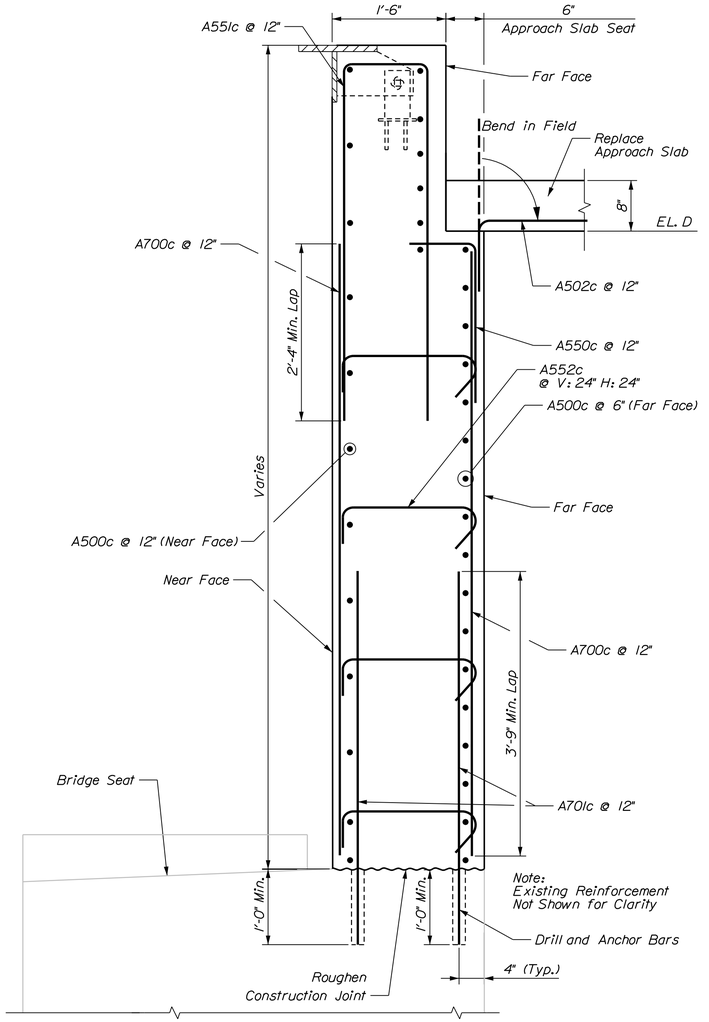
Note:
Existing Reinforcement
Not Shown for Clarity

ABUTMENT 1 REINFORCEMENT ELEVATION

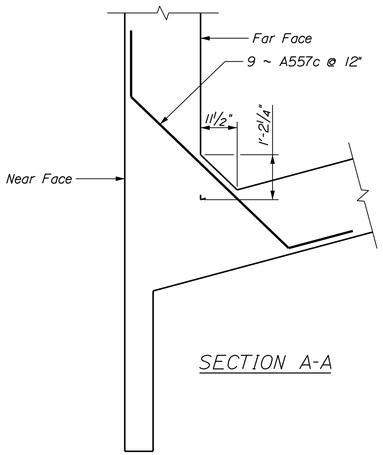
(ABUTMENT 2 SIMILAR)



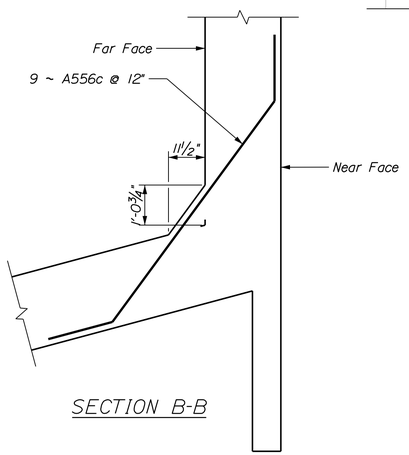
ABUTMENT DEMOLITION SECTION



ABUTMENT CONSTRUCTION SECTION



SECTION A-A



SECTION B-B

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

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DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

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I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

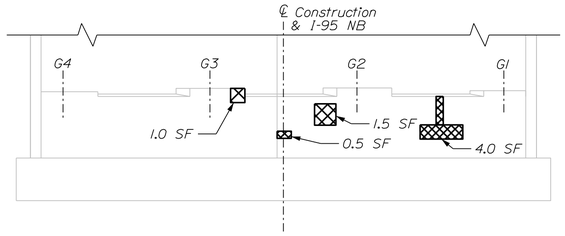
MEDWAY PENOBSCOT COUNTY

ABUTMENT MODIFICATIONS

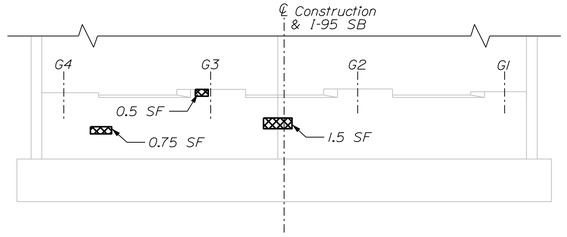
SHEET NUMBER

120

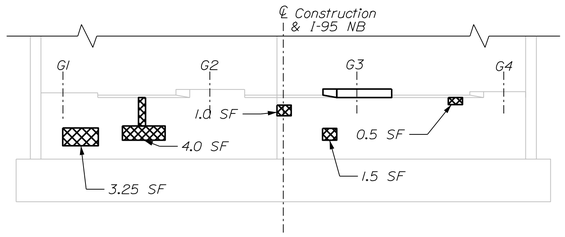
OF 168



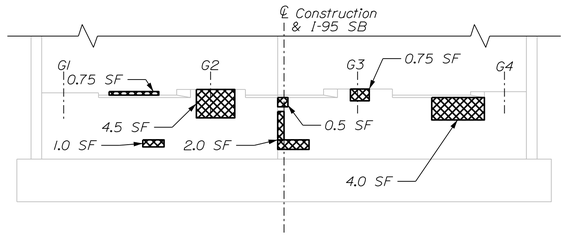
BRIDGE 6078 ABUTMENT 1
CONSTRUCTION ELEVATION



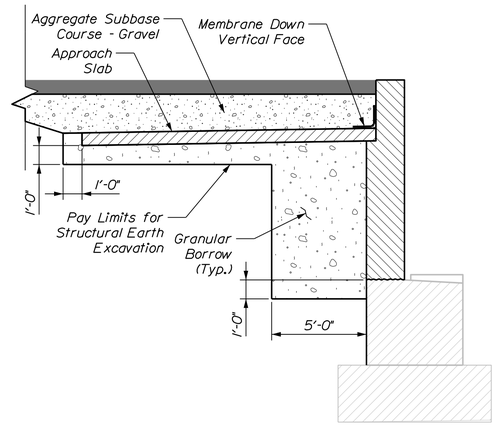
BRIDGE 1410 ABUTMENT 1
CONSTRUCTION ELEVATION



BRIDGE 6078 ABUTMENT 2
CONSTRUCTION ELEVATION



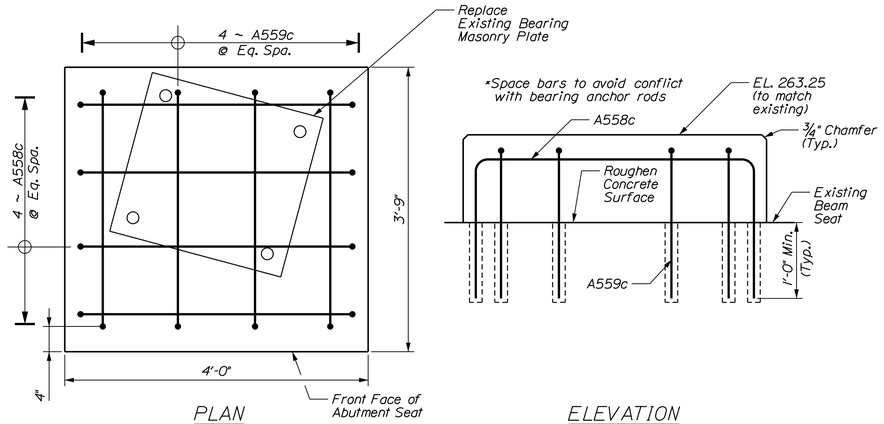
BRIDGE 1410 ABUTMENT 2
CONSTRUCTION ELEVATION



ABUTMENT BACKFILL DETAIL
Abutment Detail Shown, Wingwall Detail Similar

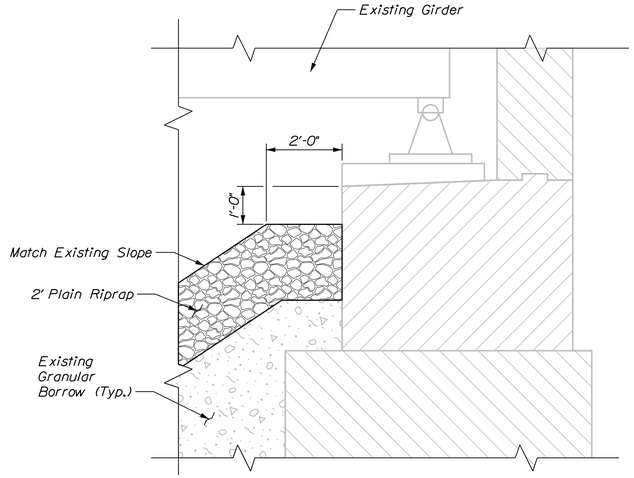
LEGEND

Concrete Repair Area



PLAN ELEVATION

BRIDGE 6078 ABUTMENT 2 PEDESTAL G3 REINFORCING DETAIL



SLOPE PROTECTION DETAIL
(Abutment 2 Only)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

		BY	DATE
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DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

ABUTMENT MODIFICATIONS

SHEET NUMBER

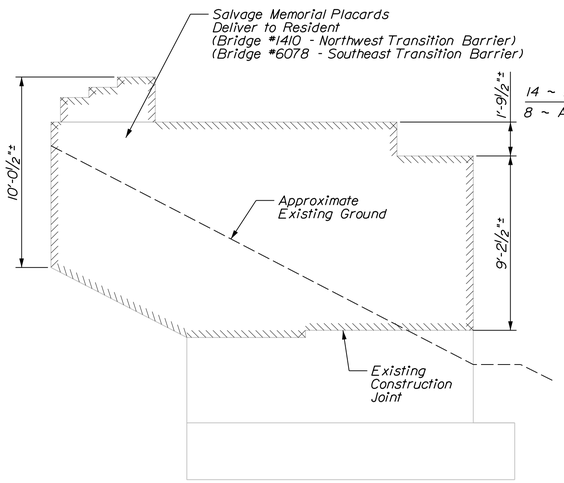
121

OF 168

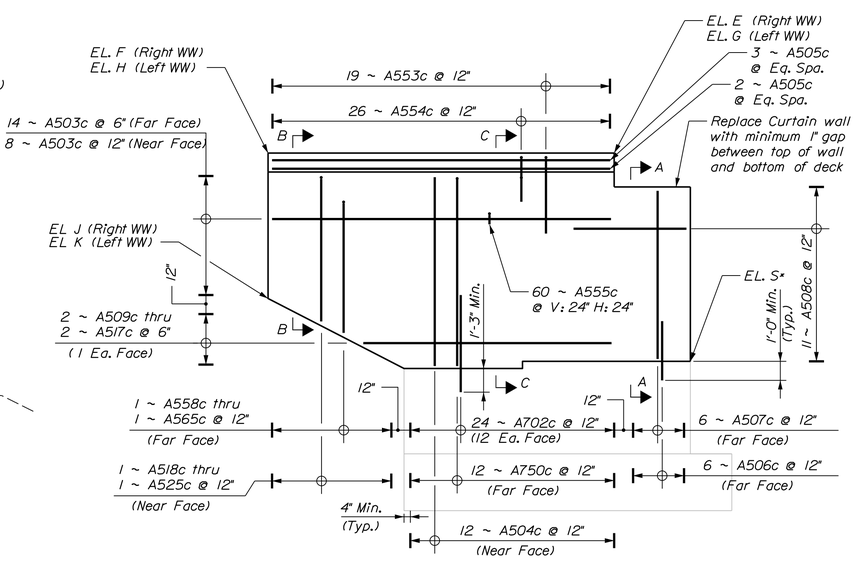
Username: jfitzpatrick Date:10/3/2023

Division:

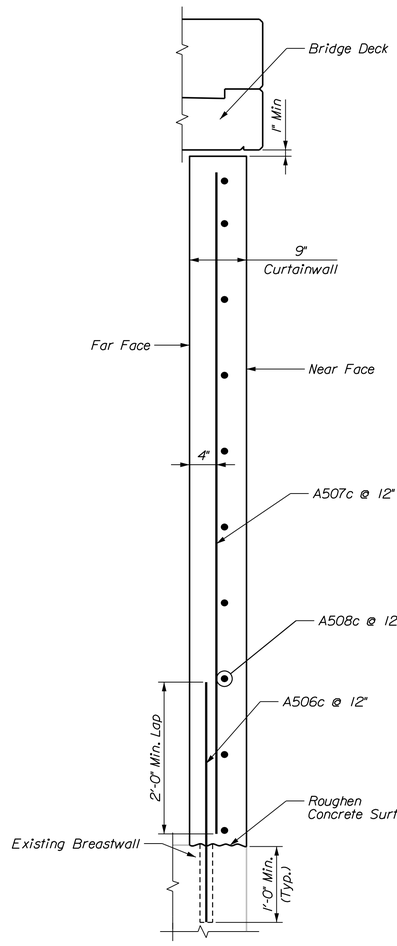
Filename: ...\023_VDM_Abutment.dgn



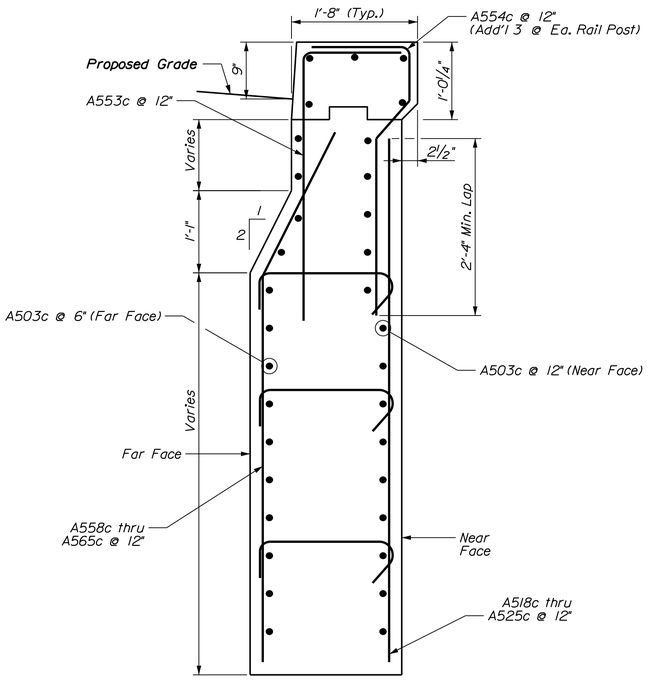
WINGWALL DEMOLITION ELEVATION



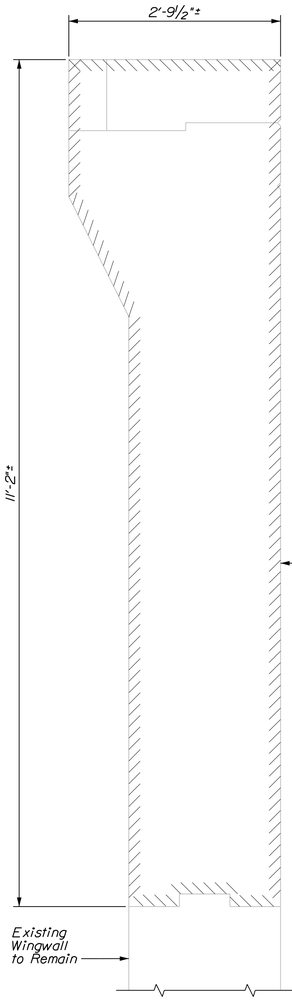
WINGWALL CONSTRUCTION ELEVATION
(See Superstructure Plan for Bridge Rail Layout)



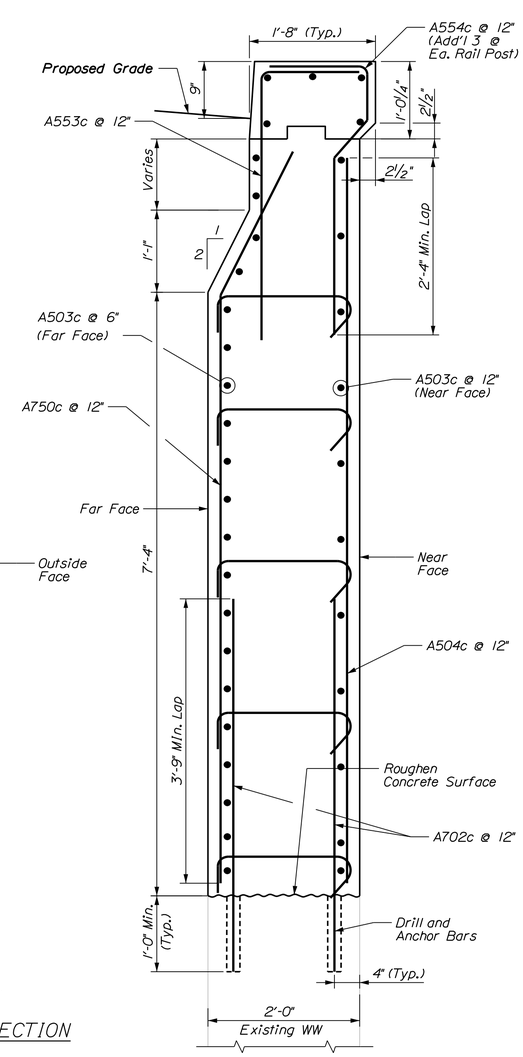
SECTION A-A
(All Curtainwalls Similar)



SECTION B-B
(All Wingwalls Similar)



WINGWALL DEMOLITION SECTION



SECTION C-C
(All Wingwalls Similar)

Vaughan Daggett Memorial Bridge Wingwall Elevations							
Bridge No.	Abutment	EL. E	EL. F	EL. G	EL. H	EL. J	EL. K
6078	AB 1 NB	284.50	284.67	284.59	284.75	277.04	277.14
	AB 2 NB	273.97	273.79	274.05	273.88	266.08	266.22
1410	AB 1 SB	284.54	284.72	284.63	284.82	277.04	277.14
	AB 2 SB	273.98	273.74	274.08	273.86	266.08	266.22

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

WINGWALL MODIFICATIONS

SHEET NUMBER

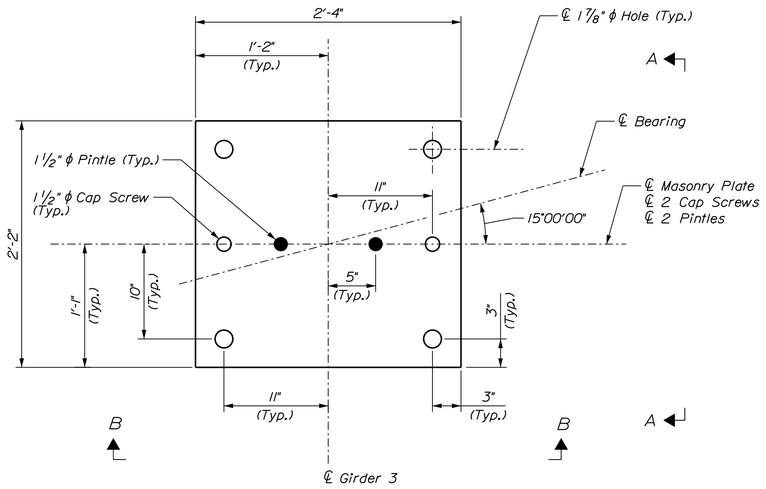
122

OF 168

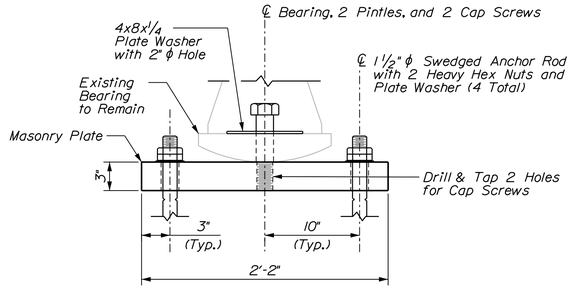
Username: jfitzpatrick Date:10/3/2023

Division:

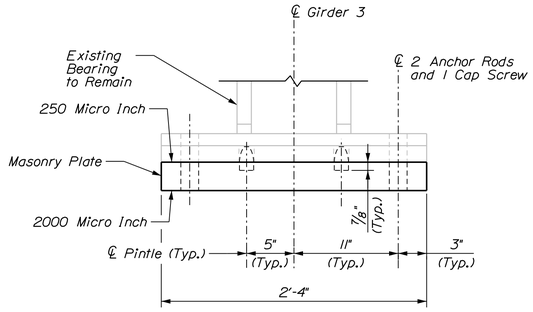
Filename: ...\024_VDM_Wingwall.dgn



MASONRY PLATE
(at Girder 3, Abutment 2)
(Bridge 6078)



VIEW A-A



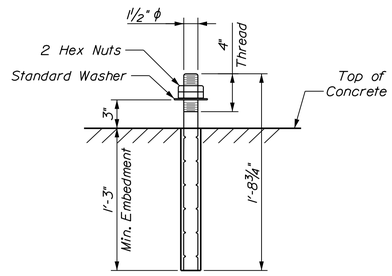
VIEW B-B

BEARING NOTES

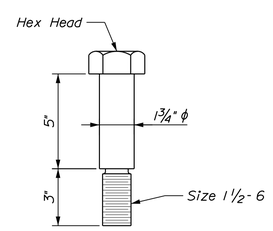
1. Masonry plates and pintles shall meet the requirements of ASTM A709, Grade 50. Charpy V-notch tests are not required for steel used in bearing masonry plates.
2. Masonry plate shall be galvanized in accordance with Section 506 Structural Steel Coatings.
3. Anchor bolts shall be swedged or threaded on the embedded portion of the rod. Anchor rods shall meet the requirements of ASTM F1554, Grade 105, and be galvanized according to ASTM A 153.
4. Anchor rods shall be drilled and grouted in place using a material listed on the Maine Department of Transportation Qualified Products List.
5. Upset the threads of the anchor rods after assembly.
6. The existing anchor rods for the masonry plate being replaced shall be cut flush with the bridge seat at limits of concrete pedestal demolition. Payment for removal and installation of new anchor rods is incidental to the Bearing Installation Pay Item.

NOTES

1. This work includes removal and replacement of one masonry plate for Bridge 6078, girder 3, at Abutment 2.
2. All existing dimensions and information shown on the plans are based on as-built and standard detail drawings. The Contractor shall field verify all relevant dimensions prior to submission of shop drawings.
3. At the location of the new masonry plate, the concrete pedestal shall be dressed one inch larger all around than the size of the masonry plate to match the existing bottom of masonry plate elevation (prior to demolition) exactly.
4. After the masonry plate is replaced at the specified location, all four existing steel rocker bearings on Bridge 6078 on Abutment 2 shall be reset. Payment for resetting all four bearings is incidental to Bearing Installation Pay Item.



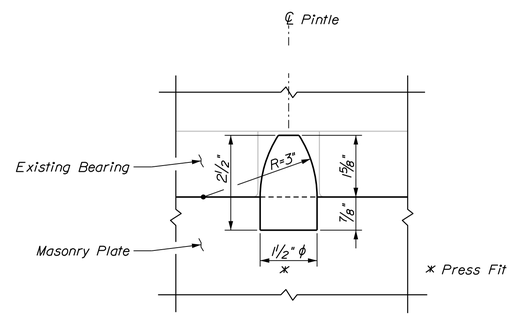
ANCHOR ROD DETAIL



CAP SCREW DETAIL

TEMPORARY SUPPORT AND JACKING SYSTEM NOTES

1. The temporary support and jacking system shall be designed by the Contractor. The Contractor shall submit a complete set of design calculations and drawings for the temporary support, jacking system, and bearing replacement procedure. The calculations and drawings shall be stamped by a professional engineer licensed in Maine. See special provision for additional requirements.
2. Rigid vertical support of superstructure in the jacked position shall be provided by locking the jack rams or by furnishing and installing an independent support system. Except for during jacking operations, the superstructure shall not be hydraulically support.
3. See Special Provision for calculated unfactored jacking and temporary structural support loads.



PINTLE DETAIL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

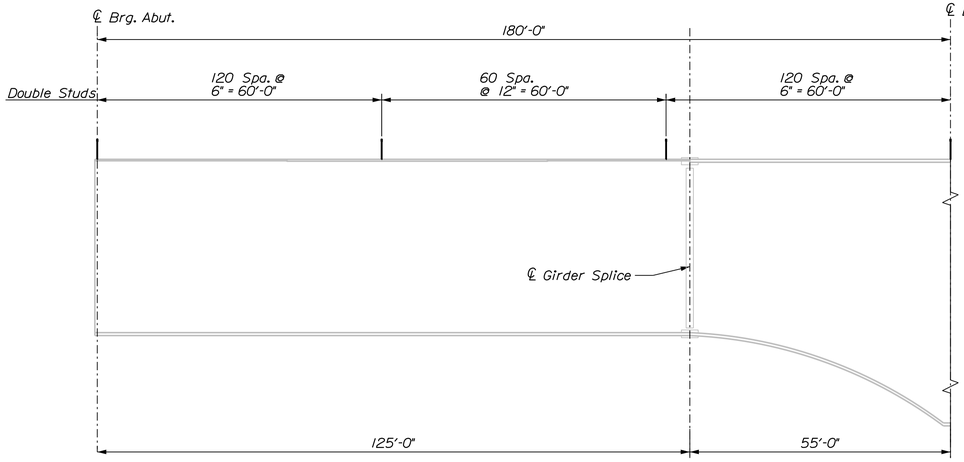
BEARING DETAILS

SHEET NUMBER

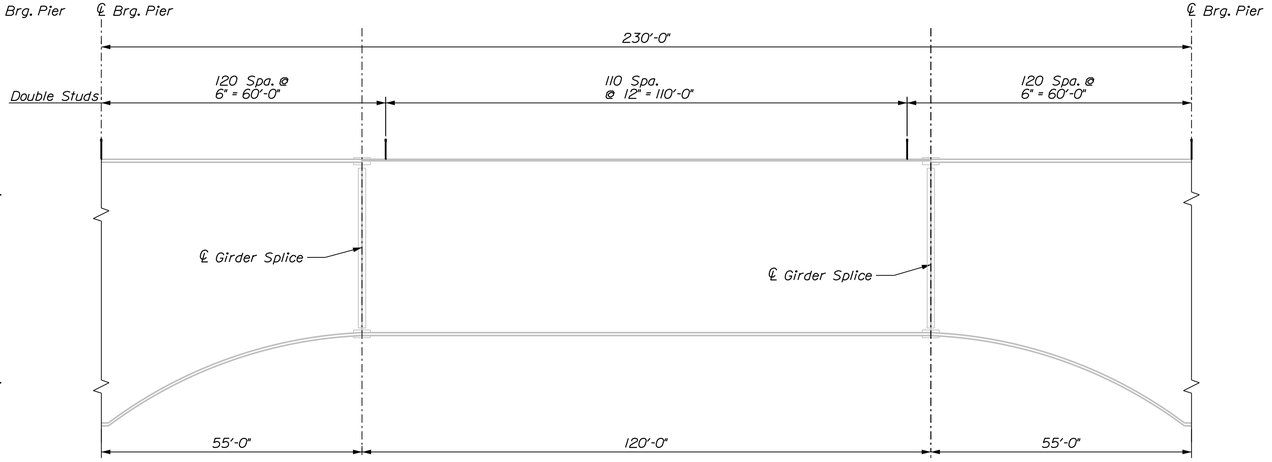
123

OF 168

Filename: ...\025_VDM_Bearing.dgn Division: Username: jfitzpatrick Date:10/3/2023



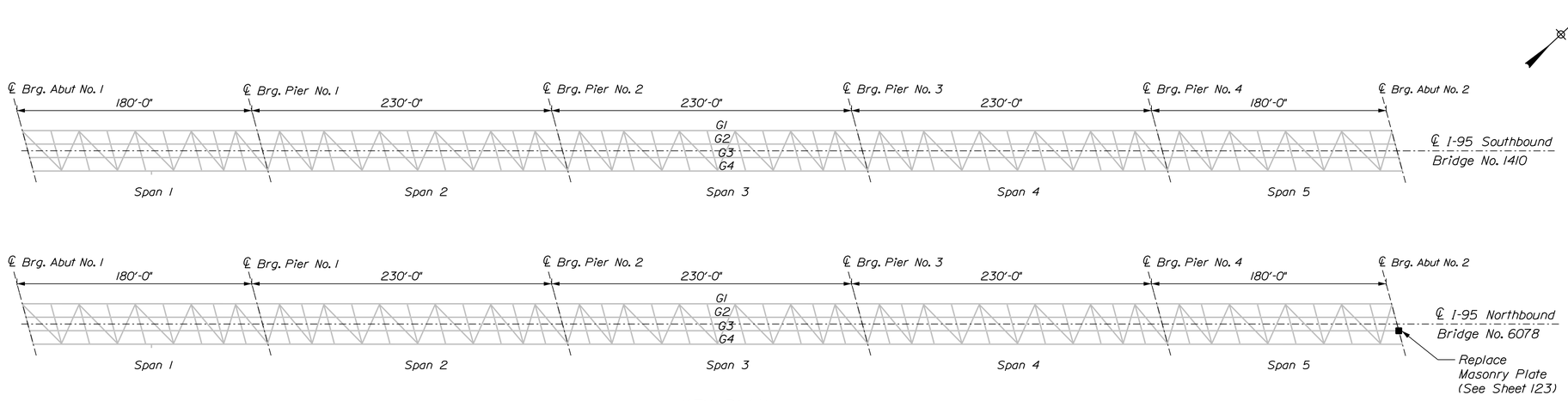
SPANS 1 & 5



SPANS 2, 3 & 4

SHEAR CONNECTOR LAYOUT

3302 (1651 x 2 Rows) Studs Per Girder
(13208 Studs Total Per Bridge)



KEY PLAN

SHEAR CONNECTOR NOTES

1. Dimensions are measured along centerline of the girder.
2. Prior to installing the proposed shear studs, the Contractor shall clean the top flange so that it is free of debris, rust, scale, oil and other contaminates that would adversely affect the welding operation. Payment for cleaning the top flange for installation of proposed shear studs shall be incidental to Item 505.08, Shear Connectors. Existing steel may be coated with a lead-based paint system. See General Notes for more information.
3. The proposed shear studs shall be 7/8" diameter. Studs shall penetrate into the deck a minimum of 2" and maintain a clear cover of 2" to the top of the studs.
4. Existing shear connectors shall be removed such that they project 1 inch maximum above the top of the existing top flange unless they conflict with the installation of the new shear connectors or any other work. If the existing shear connectors interfere with installation of the new shear connectors or any other work, they shall be removed completely and ground flush with the top flange. All costs associated with this work shall be incidental to related Contract items.
5. Pitch spacing may be adjusted at bolted splices to avoid splice bolts.

STATE OF MAINE
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I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

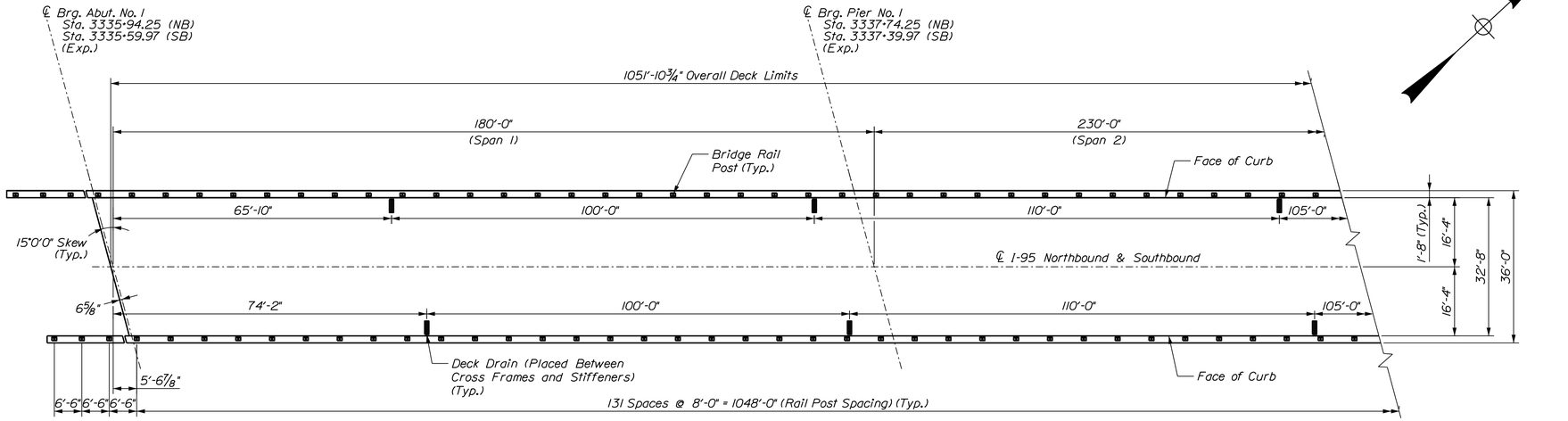
KEY PLAN & SHEAR CONNECTOR LAYOUT

SHEET NUMBER

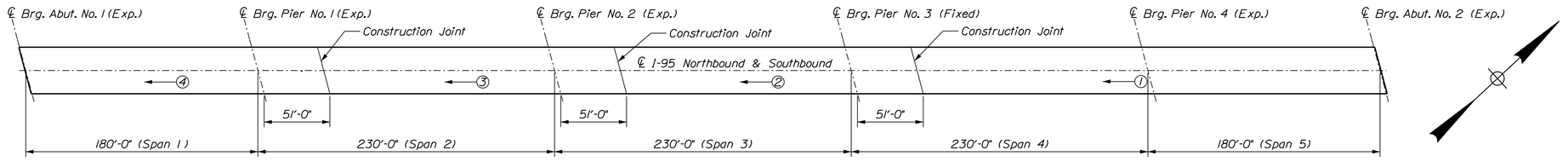
124

OF 168

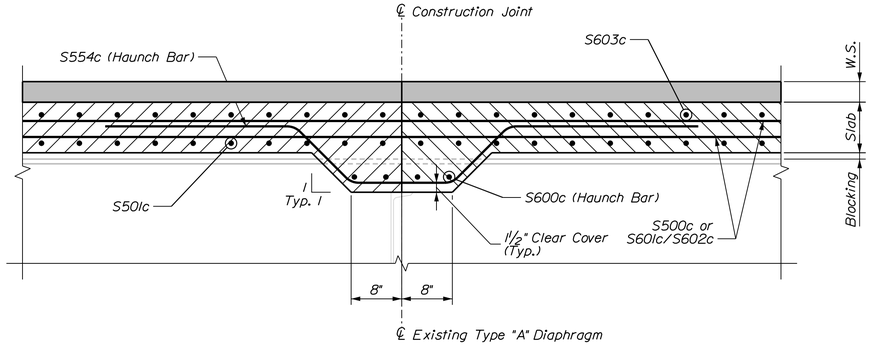
Filename: ...\026_VDM_Shear_Connectors.dgn Division: Username: jfitzpatrick Date:10/3/2023



SUPERSTRUCTURE PLAN



DECK POURING SEQUENCE



LONGITUDINAL SECTION AT CONSTRUCTION JOINT

SUPERSTRUCTURE NOTES

1. The theoretical blocking used for design of the structure is 3 inches at the centerlines of bearing of the abutments and piers as measured from the top of the girder web. Refer to Standard Detail 502(03) for blocking details.
2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
3. Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.
4. The detailed deck pouring sequence matches the existing as-built plans. The initial superstructure slab concrete placement shall begin at a simply supported end of the deck slab and shall terminate at the completion of a positive moment section. Successive placements shall proceed from the end of the previous placement, terminate at the completion of a positive moment section, and include one more span. Concrete in a placement shall be kept plastic. A minimum of 5 days shall elapse between successive partial placements. The superstructure slab concrete placement sequence shall be approved by the Resident. Bottom of Slab Tables provided assume the pour sequence shown.
5. Precast Concrete Deck Panels are not allowed on this project.
6. All reinforcement shall be Low-Carbon Chromium unless otherwise noted.
7. Contractor shall stagger the splice locations of the longitudinal and transverse bars.
8. Location of bridge drains shall be finalized in the field. Placement may shift up to 1.5 feet upstation or downstation to avoid conflicts with girder web stiffeners for attachment of bridge drain support assembly.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

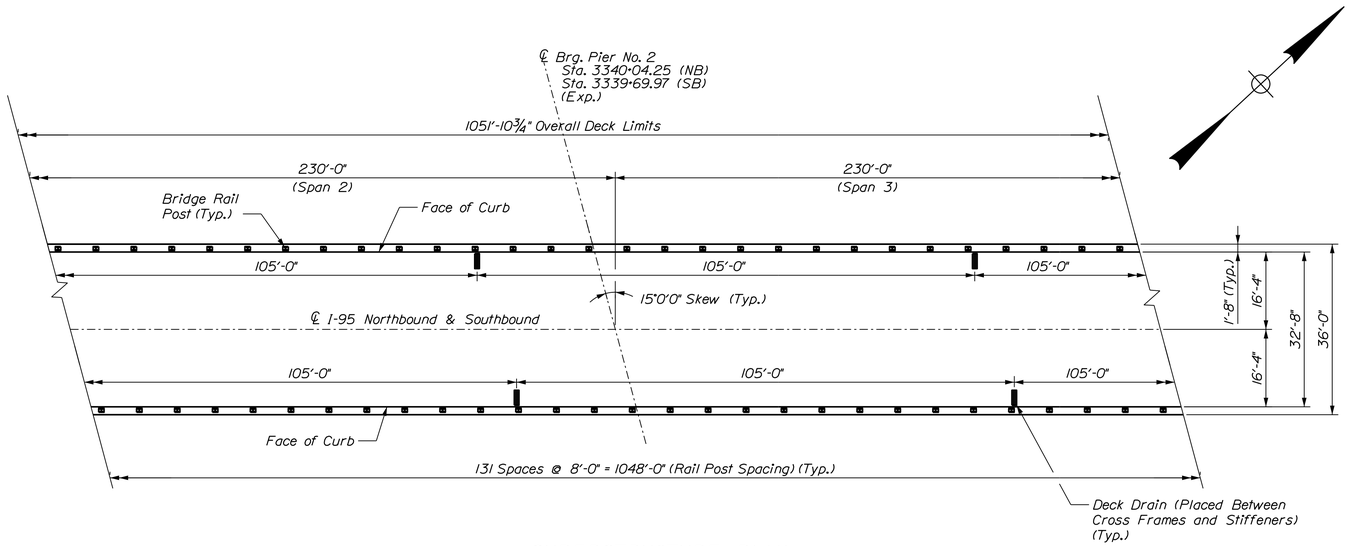
SUPERSTRUCTURE PLAN & DETAILS

SHEET NUMBER

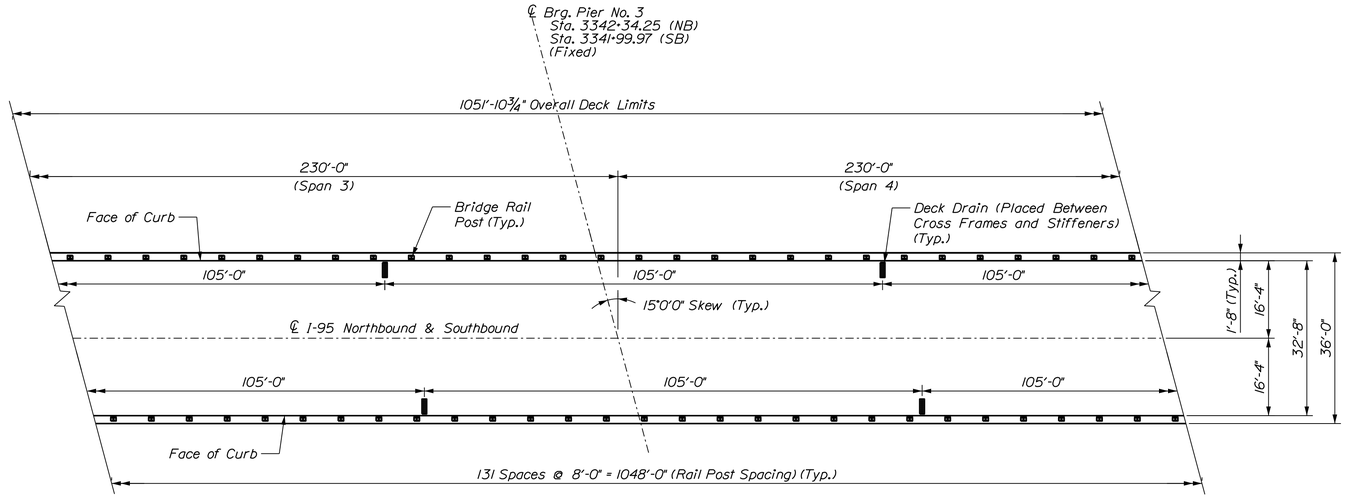
125

OF 168

Filename: ...\027_VDM_Superstructure_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023



SUPERSTRUCTURE PLAN



SUPERSTRUCTURE PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

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PROJ. MANAGER			
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DESIGN3-DETAILED3			
REVISIONS 1			
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I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY — PENOBSCOT COUNTY

SUPERSTRUCTURE PLAN

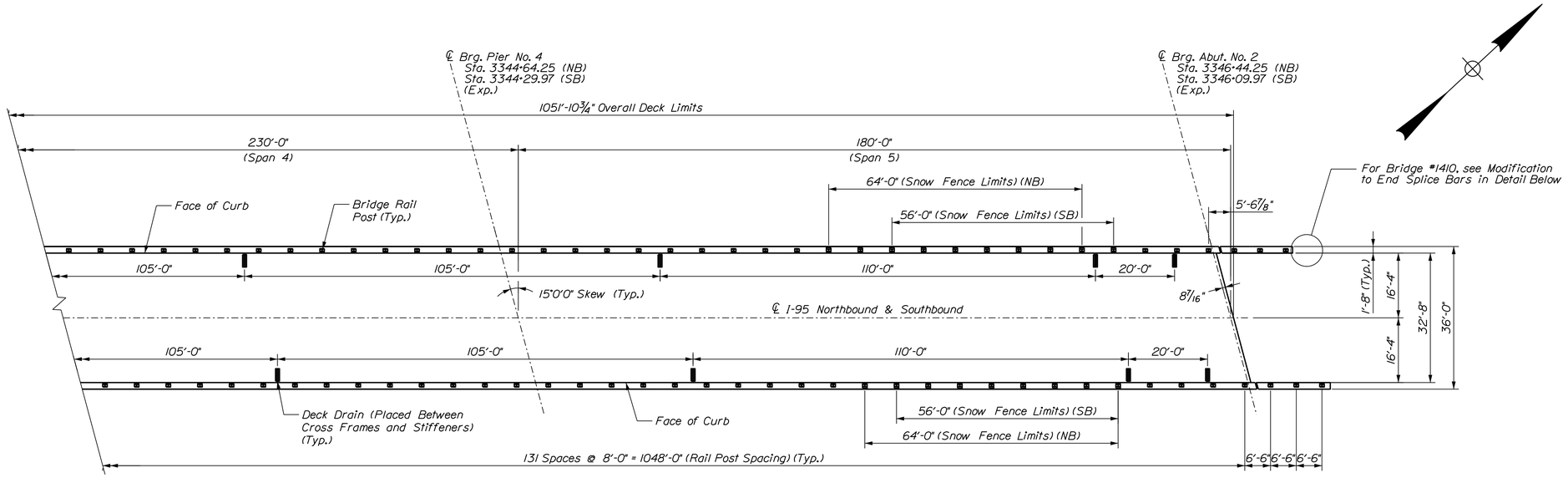
SHEET NUMBER

126

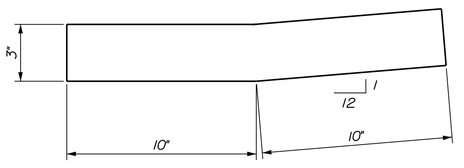
OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\027A_VDM_Superstructure_Plan.dgn Division:



SUPERSTRUCTURE PLAN



END SPLICE BAR PLAN

(End splice bars in Standard Detail 507 (20) shall also be bent in Plan View for one steel approach railing located at Sta. 3346+25, LT)

STATE OF MAINE
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I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

SUPERSTRUCTURE PLAN

SHEET NUMBER

127

OF 168

Filename: ...\028_VDM_Superstructure_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023

GIRDER	BRIDGE 1410 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. ABUT. NO. 1	0.05 x L	0.1 x L	0.15 x L	0.2 x L	0.25 x L	0.3 x L	0.35 x L	0.4 x L	0.45 x L	0.5 x L	0.55 x L	0.6 x L	0.65 x L	0.70 x L	0.75 x L	0.8 x L	0.85 x L	0.9 x L	0.95 x L	CL BRG. PIER. NO. 1
G1	282.94	282.81	282.68	282.55	282.43	282.32	282.21	282.12	282.02	281.94	281.86	281.79	281.72	281.66	281.59	281.53	281.46	281.39	281.31	281.23	281.14
G2	283.13	282.99	282.86	282.74	282.62	282.50	282.40	282.30	282.21	282.12	282.05	281.98	281.91	281.84	281.78	281.72	281.65	281.58	281.50	281.41	281.32
G3	283.10	282.96	282.83	282.71	282.59	282.48	282.37	282.27	282.18	282.10	282.02	281.95	281.88	281.82	281.75	281.69	281.62	281.55	281.47	281.39	281.30
G4	282.86	282.72	282.59	282.47	282.35	282.24	282.13	282.03	281.94	281.86	281.78	281.71	281.64	281.57	281.51	281.44	281.38	281.30	281.23	281.14	281.05

GIRDER	BRIDGE 1410 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 1	1.05 x L	1.1 x L	1.15 x L	1.2 x L	1.25 x L	1.3 x L	1.35 x L	1.4 x L	1.45 x L	1.5 x L	1.55 x L	1.6 x L	1.65 x L	1.70 x L	1.75 x L	1.8 x L	1.85 x L	1.9 x L	1.95 x L	CL BRG. PIER. NO. 2
G1	281.14	281.01	280.88	280.74	280.59	280.43	280.28	280.13	279.99	279.87	279.75	279.64	279.55	279.46	279.38	279.31	279.23	279.14	279.05	278.95	278.83
G2	281.32	281.20	281.06	280.92	280.77	280.61	280.45	280.31	280.17	280.04	279.92	279.82	279.73	279.64	279.56	279.49	279.41	279.33	279.24	279.13	279.02
G3	281.30	281.17	281.04	280.89	280.74	280.58	280.43	280.28	280.14	280.01	279.90	279.79	279.70	279.61	279.54	279.46	279.38	279.30	279.21	279.11	278.99
G4	281.05	280.93	280.80	280.66	280.50	280.35	280.20	280.05	279.91	279.78	279.67	279.56	279.47	279.38	279.30	279.22	279.14	279.06	278.97	278.86	278.75

GIRDER	BRIDGE 1410 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 2	2.05 x L	2.1 x L	2.15 x L	2.2 x L	2.25 x L	2.3 x L	2.35 x L	2.4 x L	2.45 x L	2.5 x L	2.55 x L	2.6 x L	2.65 x L	2.70 x L	2.75 x L	2.8 x L	2.85 x L	2.9 x L	2.95 x L	CL BRG. PIER. NO. 3
G1	278.83	278.71	278.58	278.44	278.29	278.13	277.98	277.83	277.69	277.57	277.45	277.35	277.25	277.16	277.08	277.01	276.93	276.84	276.75	276.64	276.53
G2	279.02	278.90	278.76	278.62	278.47	278.31	278.16	278.01	277.87	277.74	277.63	277.52	277.43	277.35	277.27	277.19	277.12	277.03	276.94	276.83	276.72
G3	278.99	278.87	278.74	278.59	278.44	278.28	278.13	277.98	277.84	277.72	277.60	277.50	277.40	277.32	277.24	277.17	277.09	277.00	276.91	276.80	276.69
G4	278.75	278.63	278.50	278.35	278.20	278.05	277.90	277.75	277.61	277.48	277.37	277.26	277.17	277.08	277.00	276.92	276.84	276.76	276.66	276.56	276.45

GIRDER	BRIDGE 1410 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 3	3.05 x L	3.1 x L	3.15 x L	3.2 x L	3.25 x L	3.3 x L	3.35 x L	3.4 x L	3.45 x L	3.5 x L	3.55 x L	3.6 x L	3.65 x L	3.70 x L	3.75 x L	3.8 x L	3.85 x L	3.9 x L	3.95 x L	CL BRG. PIER. NO. 4
G1	276.53	276.41	276.27	276.13	275.98	275.82	275.67	275.52	275.38	275.25	275.13	275.02	274.93	274.84	274.76	274.68	274.61	274.52	274.43	274.34	274.23
G2	276.72	276.59	276.46	276.31	276.16	276.00	275.84	275.69	275.54	275.42	275.30	275.19	275.10	275.01	274.94	274.86	274.79	274.71	274.62	274.52	274.42
G3	276.69	276.57	276.43	276.28	276.13	275.97	275.81	275.66	275.52	275.39	275.27	275.16	275.07	274.98	274.91	274.83	274.76	274.68	274.59	274.49	274.39
G4	276.45	276.32	276.19	276.05	275.90	275.74	275.58	275.43	275.29	275.16	275.05	274.94	274.84	274.76	274.68	274.60	274.52	274.44	274.35	274.25	274.14

GIRDER	BRIDGE 1410 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 4	4.05 x L	4.1 x L	4.15 x L	4.2 x L	4.25 x L	4.3 x L	4.35 x L	4.4 x L	4.45 x L	4.5 x L	4.55 x L	4.6 x L	4.65 x L	4.70 x L	4.75 x L	4.8 x L	4.85 x L	4.9 x L	4.95 x L	CL BRG. ABUT. NO. 2
G1	274.23	274.14	274.04	273.94	273.83	273.72	273.60	273.48	273.37	273.26	273.15	273.05	272.95	272.86	272.78	272.71	272.64	272.58	272.52	272.47	272.43
G2	274.42	274.32	274.23	274.13	274.02	273.90	273.79	273.67	273.56	273.44	273.33	273.23	273.14	273.05	272.96	272.89	272.82	272.76	272.71	272.66	272.61
G3	274.39	274.30	274.20	274.10	273.99	273.88	273.76	273.64	273.53	273.42	273.31	273.20	273.11	273.02	272.94	272.86	272.80	272.74	272.68	272.63	272.59
G4	274.14	274.05	273.96	273.85	273.75	273.63	273.52	273.40	273.29	273.17	273.07	272.96	272.87	272.78	272.70	272.62	272.56	272.50	272.44	272.39	272.34

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	T. MCAULIFFE	08/23
DESIGN2-DETAILED2	N. EDMAN	08/23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

SUPERSTRUCTURE DETAILS

SHEET NUMBER

128

OF 168

Filename: ...\029_VDM_Superstructure_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023

GIRDER	BRIDGE 6078 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. ABUT. NO. 1	0.05 x L	0.1 x L	0.15 x L	0.2 x L	0.25 x L	0.3 x L	0.35 x L	0.4 x L	0.45 x L	0.5 x L	0.55 x L	0.6 x L	0.65 x L	0.70 x L	0.75 x L	0.8 x L	0.85 x L	0.9 x L	0.95 x L	CL BRG. PIER. NO. 1
G1	282.90	282.77	282.64	282.52	282.40	282.28	282.18	282.08	281.99	281.90	281.83	281.75	281.69	281.62	281.56	281.49	281.43	281.35	281.27	281.19	281.10
G2	283.09	282.96	282.83	282.70	282.58	282.47	282.36	282.26	282.17	282.09	282.01	281.94	281.87	281.81	281.75	281.68	281.61	281.54	281.46	281.38	281.29
G3	283.06	282.93	282.80	282.67	282.55	282.44	282.33	282.24	282.15	282.06	281.98	281.91	281.85	281.78	281.72	281.65	281.59	281.51	281.44	281.35	281.26
G4	282.82	282.69	282.56	282.43	282.31	282.20	282.10	282.00	281.91	281.82	281.74	281.67	281.60	281.54	281.47	281.41	281.34	281.27	281.19	281.11	281.02

GIRDER	BRIDGE 6078 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 1	1.05 x L	1.1 x L	1.15 x L	1.2 x L	1.25 x L	1.3 x L	1.35 x L	1.4 x L	1.45 x L	1.5 x L	1.55 x L	1.6 x L	1.65 x L	1.70 x L	1.75 x L	1.8 x L	1.85 x L	1.9 x L	1.95 x L	CL BRG. PIER. NO. 2
G1	281.10	280.98	280.85	280.70	280.55	280.40	280.25	280.10	279.96	279.83	279.72	279.61	279.52	279.43	279.35	279.27	279.19	279.11	279.02	278.91	278.80
G2	281.29	281.16	281.03	280.89	280.73	280.58	280.42	280.27	280.13	280.01	279.89	279.79	279.69	279.61	279.53	279.46	279.38	279.30	279.20	279.10	278.99
G3	281.26	281.14	281.00	280.86	280.71	280.55	280.39	280.24	280.11	279.98	279.86	279.76	279.67	279.58	279.50	279.43	279.35	279.27	279.18	279.07	278.96
G4	281.02	280.90	280.76	280.62	280.47	280.32	280.16	280.02	279.88	279.75	279.63	279.53	279.43	279.35	279.27	279.19	279.11	279.03	278.93	278.83	278.72

GIRDER	BRIDGE 6078 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 2	2.05 x L	2.1 x L	2.15 x L	2.2 x L	2.25 x L	2.3 x L	2.35 x L	2.4 x L	2.45 x L	2.5 x L	2.55 x L	2.6 x L	2.65 x L	2.70 x L	2.75 x L	2.8 x L	2.85 x L	2.9 x L	2.95 x L	CL BRG. PIER. NO. 3
G1	278.80	278.68	278.55	278.41	278.26	278.10	277.95	277.80	277.66	277.54	277.42	277.31	277.22	277.13	277.05	276.98	276.90	276.81	276.72	276.61	276.50
G2	278.99	278.87	278.73	278.59	278.44	278.28	278.12	277.98	277.84	277.71	277.60	277.49	277.40	277.32	277.24	277.16	277.09	277.00	276.91	276.80	276.69
G3	278.96	278.84	278.70	278.56	278.41	278.25	278.10	277.95	277.81	277.68	277.57	277.47	277.37	277.29	277.21	277.14	277.06	276.97	276.88	276.77	276.66
G4	278.72	278.60	278.46	278.32	278.17	278.02	277.87	277.72	277.58	277.45	277.34	277.23	277.14	277.05	276.97	276.89	276.81	276.73	276.63	276.53	276.42

GIRDER	BRIDGE 6078 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 3	3.05 x L	3.1 x L	3.15 x L	3.2 x L	3.25 x L	3.3 x L	3.35 x L	3.4 x L	3.45 x L	3.5 x L	3.55 x L	3.6 x L	3.65 x L	3.70 x L	3.75 x L	3.8 x L	3.85 x L	3.9 x L	3.95 x L	CL BRG. PIER. NO. 4
G1	276.50	276.38	276.24	276.10	275.95	275.79	275.64	275.49	275.35	275.22	275.10	274.99	274.90	274.81	274.73	274.66	274.58	274.50	274.41	274.31	274.20
G2	276.69	276.56	276.43	276.28	276.13	275.97	275.81	275.66	275.52	275.39	275.27	275.16	275.07	274.98	274.91	274.83	274.76	274.68	274.59	274.49	274.39
G3	276.66	276.54	276.40	276.25	276.10	275.94	275.78	275.63	275.49	275.36	275.24	275.13	275.04	274.96	274.88	274.81	274.73	274.65	274.56	274.47	274.36
G4	276.42	276.29	276.16	276.02	275.87	275.71	275.56	275.41	275.27	275.14	275.02	274.91	274.81	274.73	274.65	274.57	274.50	274.41	274.32	274.23	274.12

GIRDER	BRIDGE 6078 BOTTOM OF SLAB ELEVATIONS																			
	CL BRG. PIER. NO. 4	4.05 x L	4.1 x L	4.15 x L	4.2 x L	4.25 x L	4.3 x L	4.35 x L	4.4 x L	4.45 x L	4.5 x L	4.55 x L	4.6 x L	4.65 x L	4.70 x L	4.75 x L	4.8 x L	4.85 x L	4.9 x L	4.95 x L	CL BRG. ABUT. NO. 2
G1	274.20	274.11	274.01	273.91	273.80	273.69	273.57	273.46	273.34	273.23	273.12	273.02	272.93	272.84	272.76	272.68	272.61	272.55	272.50	272.45	272.40
G2	274.39	274.30	274.20	274.10	273.99	273.88	273.76	273.64	273.53	273.42	273.31	273.20	273.11	273.02	272.94	272.86	272.80	272.74	272.68	272.63	272.59
G3	274.36	274.27	274.17	274.07	273.96	273.85	273.73	273.62	273.50	273.39	273.28	273.18	273.08	272.99	272.91	272.84	272.77	272.71	272.66	272.61	272.56
G4	274.12	274.03	273.93	273.83	273.72	273.61	273.49	273.37	273.26	273.15	273.04	272.94	272.84	272.75	272.67	272.60	272.53	272.47	272.42	272.36	272.32

STATE OF MAINE
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WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

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REVISIONS 3		
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FIELD CHANGES		

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BR NOS. 1410 & 6078

MEDWAY PENOBSCOT COUNTY

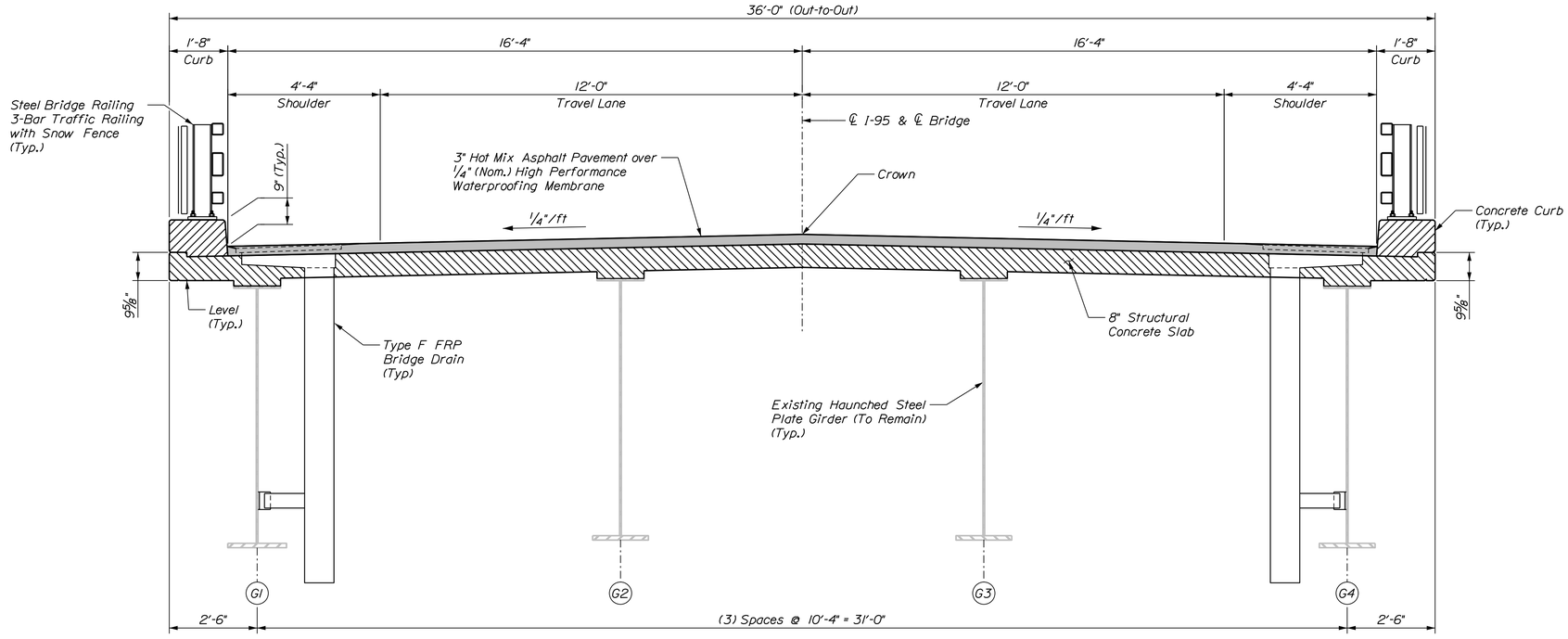
SUPERSTRUCTURE DETAILS

SHEET NUMBER

129

OF 168

Filename: ...\030_VDM_Superstructure_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023



TRANSVERSE SECTION

I-95 Northbound shown.
I-95 Southbound opposite hand.

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\031_VDM_Tronsverse_Section.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078

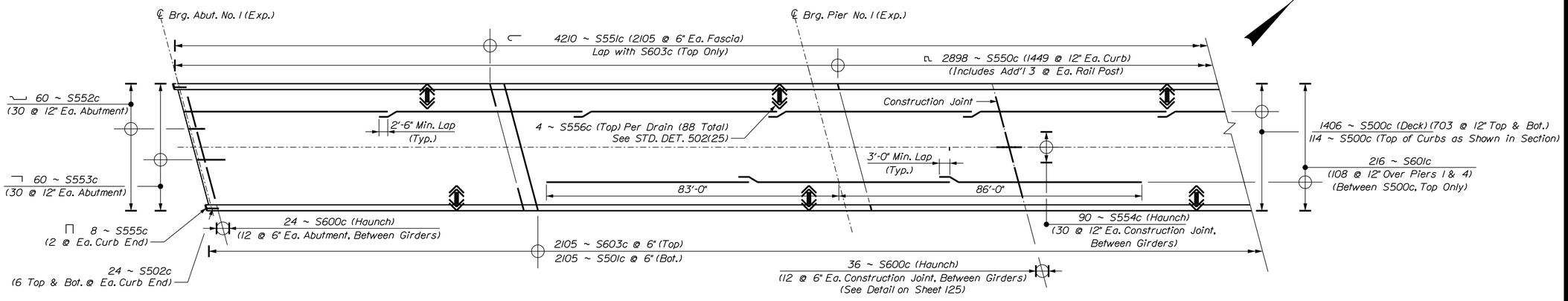
MEDWAY PENOBSCOT COUNTY

TRANSVERSE SECTION

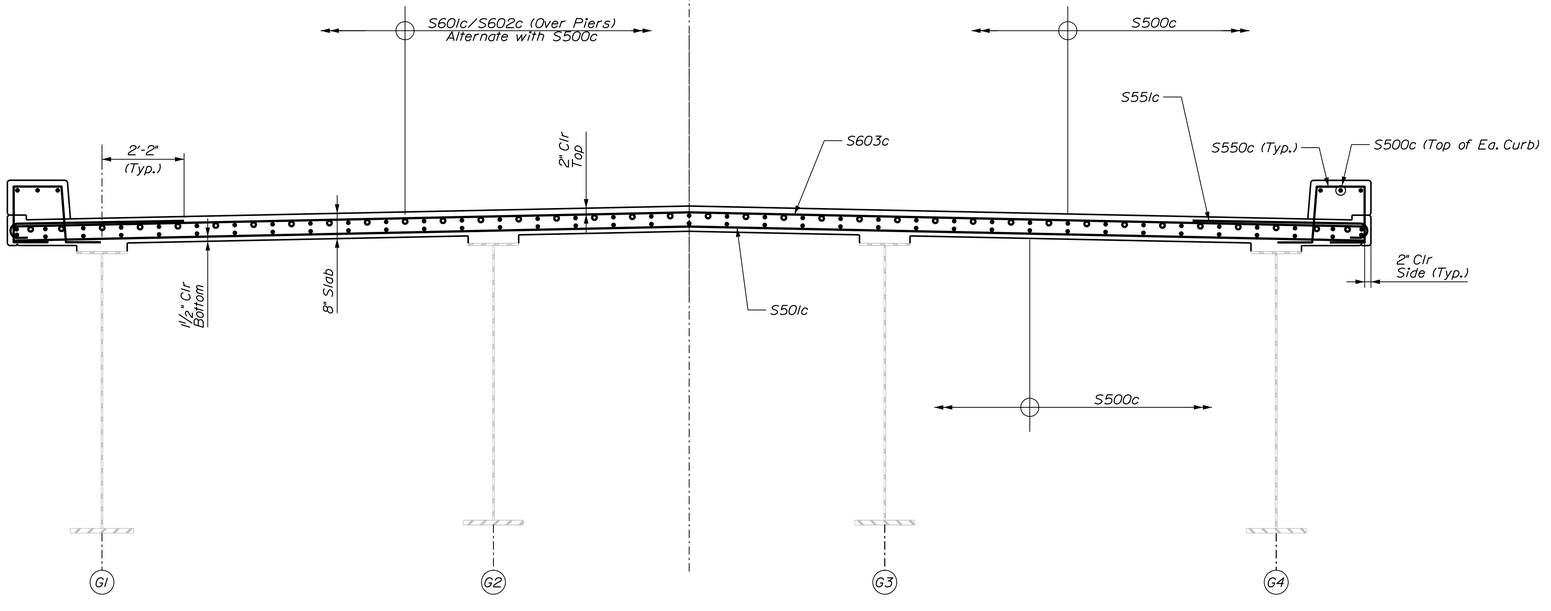
SHEET NUMBER

130

OF 168



DECK REINFORCING PLAN



TRANSVERSE SECTION

I-95 Northbound Shown
I-95 Southbound Similar

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
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DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB
VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078
PENOBSCOT COUNTY
MEDWAY

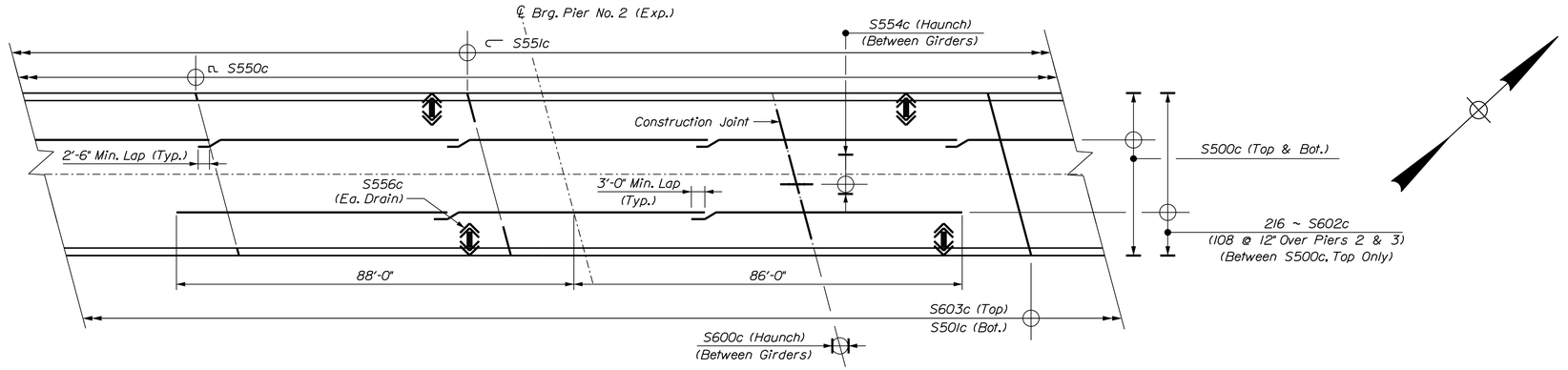
DECK REINFORCING

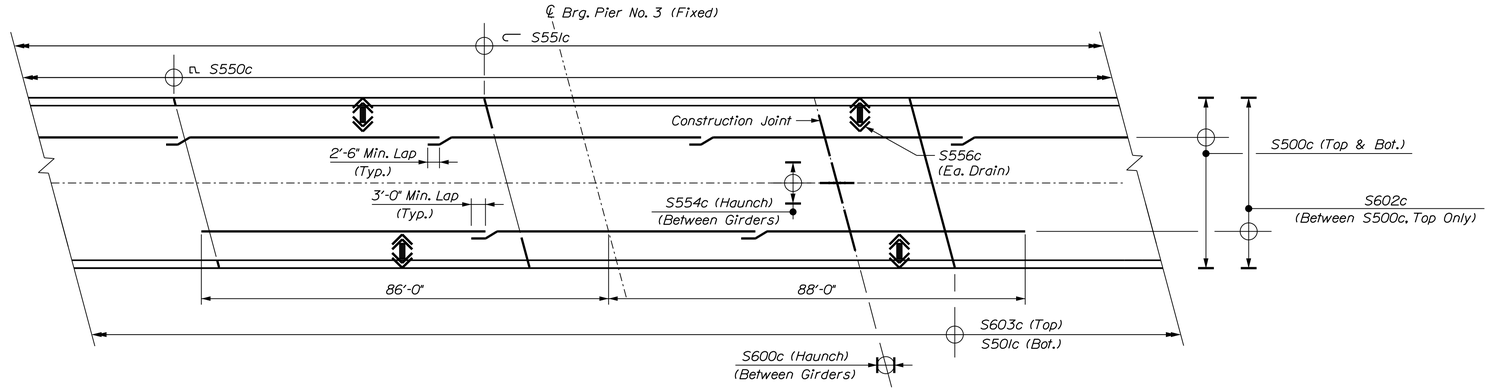
SHEET NUMBER

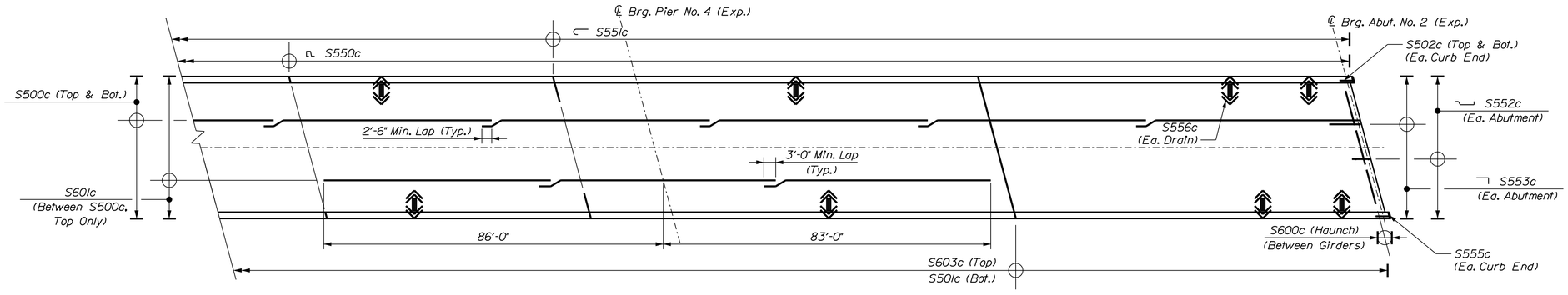
131

OF 168

Filename: ...\032_VDM_Reinforcing_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023







DECK REINFORCING PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
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DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

VAUGHAN DAGGETT MEMORIAL BRIDGES
I-95 SB & NB
BR NOS. 1410 & 6078
MEDWAY PENOBSCOT COUNTY

DECK REINFORCING

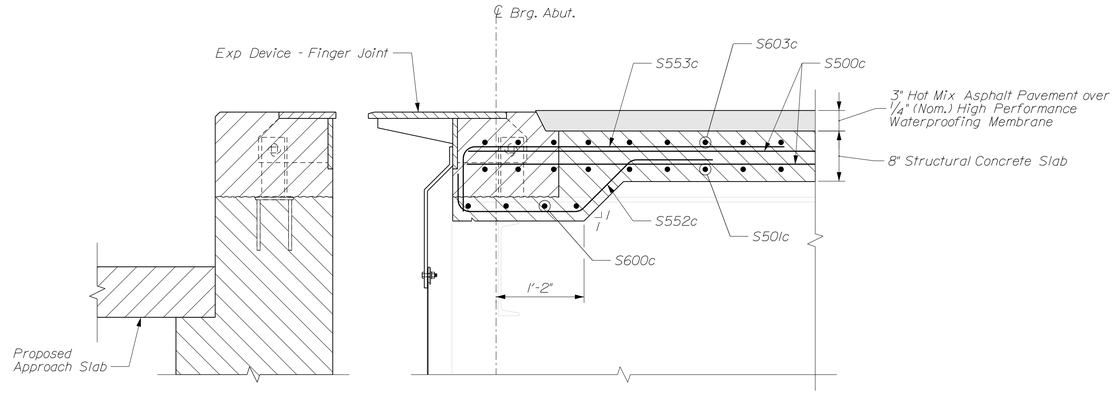
SHEET NUMBER

132

OF 168

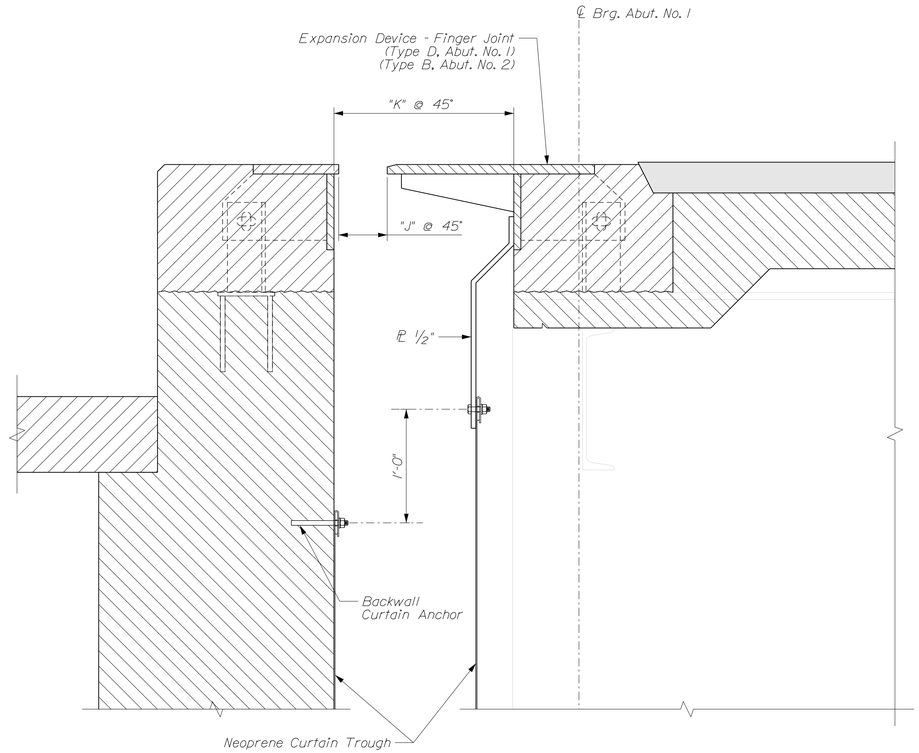
Username: jfitzpatrick Date:10/3/2023

Filename: ...\033_VDM_Reinforcing_Plan.dgn Division:



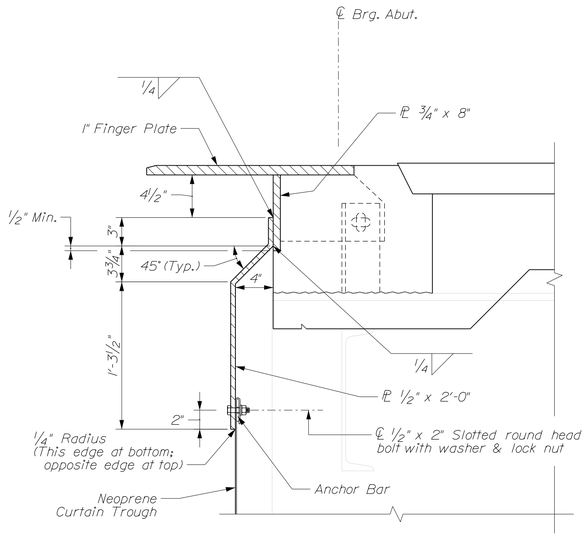
ABUTMENT DECK END SECTION

(PARALLEL TO GIRDER)
(ABUTMENT NO. 1 SHOWN, ABUTMENT NO. 2 SIMILAR)



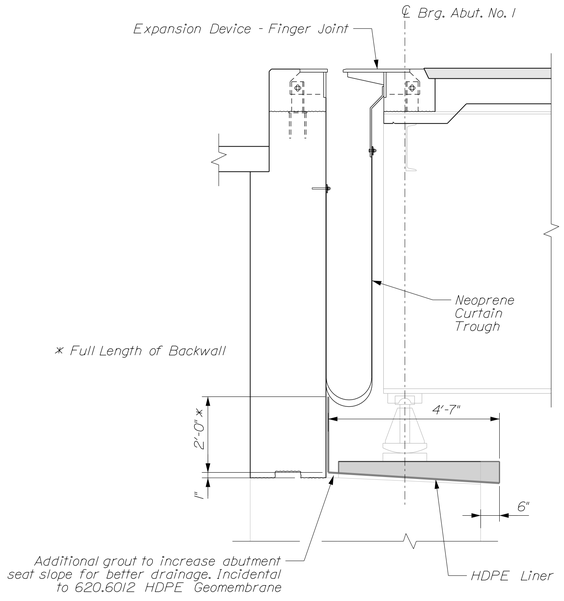
SECTION THRU FINGER JOINT

(PARALLEL TO GIRDER)
(ABUTMENT NO. 1 SHOWN, ABUTMENT NO. 2 SIMILAR)



TYPICAL CURTAIN PLATE DETAIL

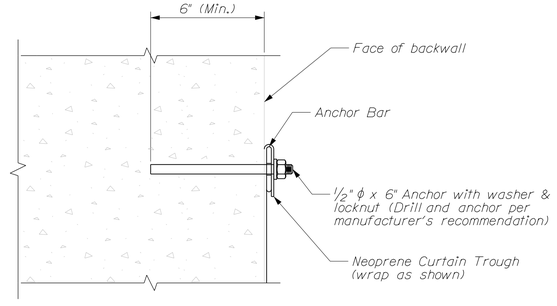
(PERPENDICULAR TO JOINT)



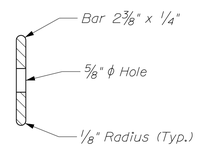
Note:
HDPE Liner to Cover Bridge Seats Between Pedestals and Vertical Edges of Pedestals Extending 6" Beyond Front Face of Abutment

CURTAIN TROUGH AT ABUTMENT NO. 1 EXPANSION JOINT

(PERPENDICULAR TO JOINT)
(ABUTMENT NO. 1 SHOWN, ABUTMENT NO. 2 SIMILAR)



ABUTMENT CURTAIN ANCHOR DETAIL



ANCHOR BAR

Provide 1 bar per trough.
Match length and hole spacing to corresponding trough plate.

EXPANSION DEVICE AND FABRIC TROUGH NOTES

1. Provide one expansion device - Finger Joint (Type D) at Abutment No. 1 and one expansion device - Finger Joint (Type B) at Abutment No. 2 on each bridge. Construct finger joints in accordance with Standard Details Section 521.
2. Curb expansion dams shall be constructed in accordance with the Standard Details.
3. Fabrication and materials for the curtain trough, including galvanization of steel components, shall be in accordance with the provisions of Section 521 of the Standard Specification.
4. Payment for trough plates, curtain troughs, including neoprene sheets, anchor bars and hardware, will be incidental to Pay Item 521.23 Expansion Device - Finger Joint
5. HDPE Liner shall be installed over the full abutment seat width and depth, extending down to the existing ground in the front face of the abutment, in the bays identified. Payment for the HDPE Liners will be made under Item 620.6012, HDPE Geomembrane.
6. Refer to Standard Details Section 521 for notes and details and information not shown.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

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PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
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DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB
VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078
MEDWAY PENOBSCOT COUNTY

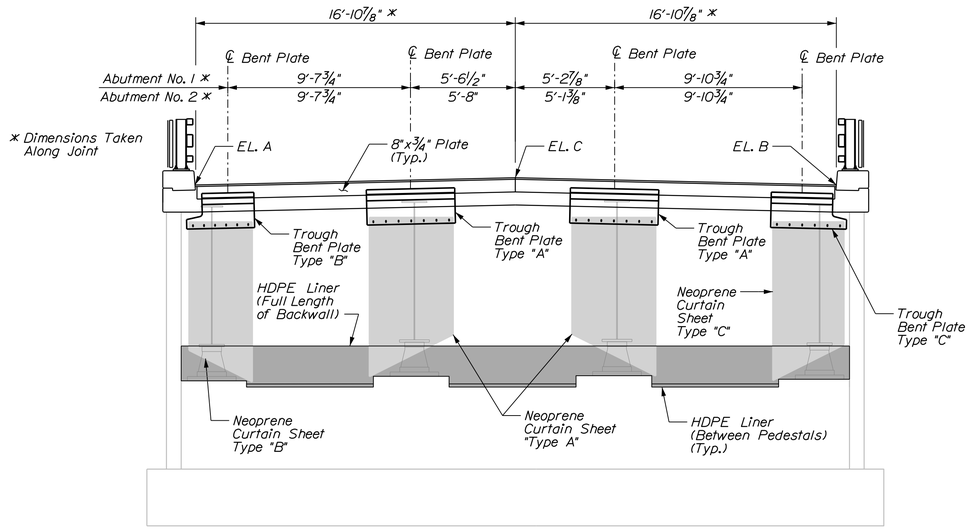
EXPANSION JOINT DETAILS

SHEET NUMBER

133

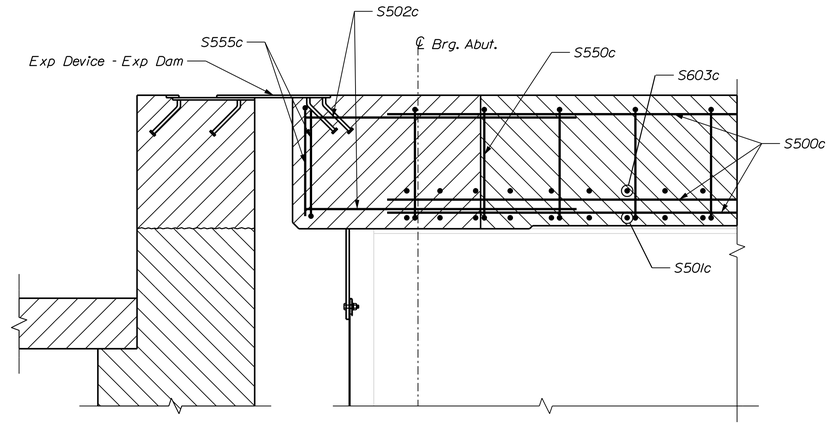
OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\036_VDM_Exp_Joint_Details.dgn



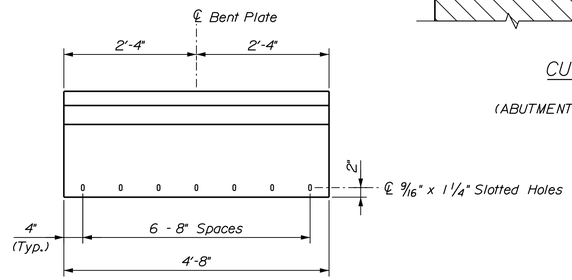
ABUTMENT FABRIC CURTAIN TROUGH ELEVATION

(ABUTMENT NO. 1 SHOWN. ABUTMENT NO. 2 SIMILAR)
(SEE SHEET 119 FOR ELEVATIONS)

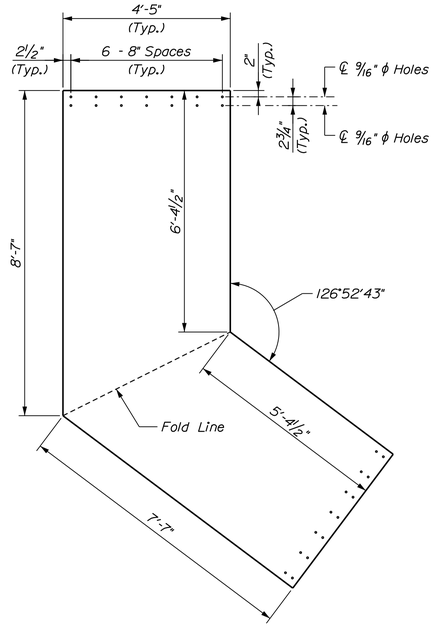


CURB DECK END SECTION

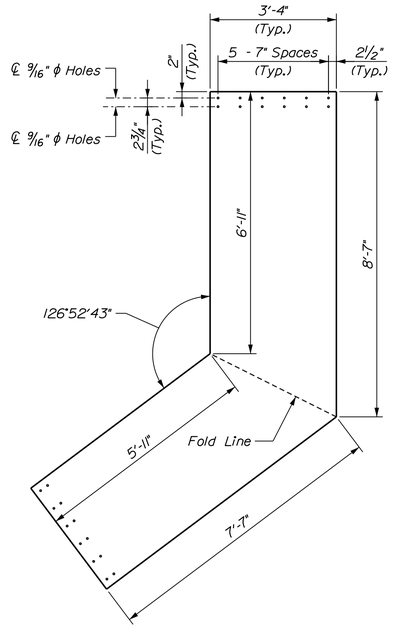
(PARALLEL TO GIRDER)
(ABUTMENT NO. 1 SHOWN. ABUTMENT NO. 2 SIMILAR)



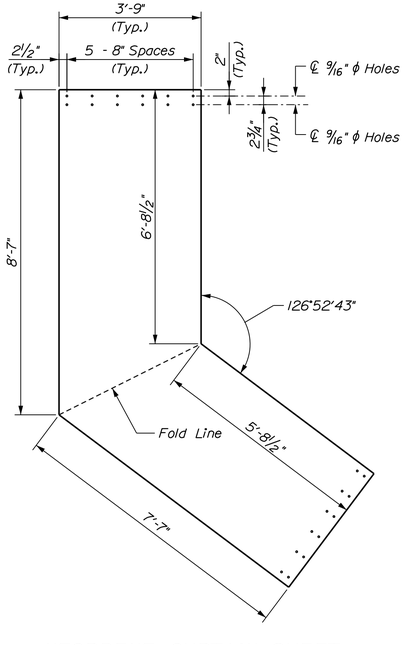
TROUGH BENT PLATE DETAIL (TYPE "A")



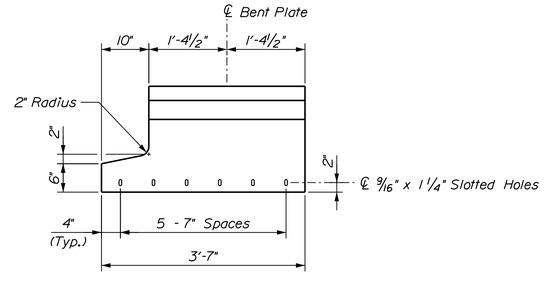
NEOPRENE CURTAIN SHEET (TYPE "A")



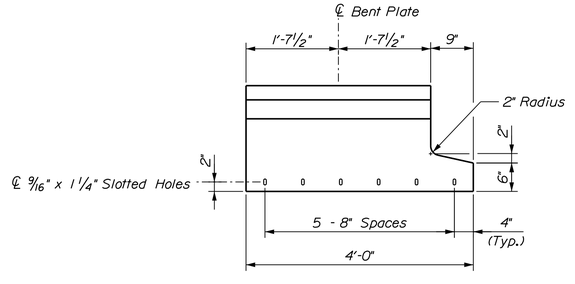
NEOPRENE CURTAIN SHEET (TYPE "B")



NEOPRENE CURTAIN SHEET (TYPE "C")



TROUGH BENT PLATE DETAIL (TYPE "B")



TROUGH BENT PLATE DETAIL (TYPE "C")

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.01 & 25631.02

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE | SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB
VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078
MEDWAY PENOBSCOT COUNTY

EXPANSION JOINT DETAILS

SHEET NUMBER

134

OF 168

Filename: ...\037_VDM_Exp_Joint_Details.dgn Username: jfitzpatrick Division: Date:10/3/2023

STRAIGHT BARS

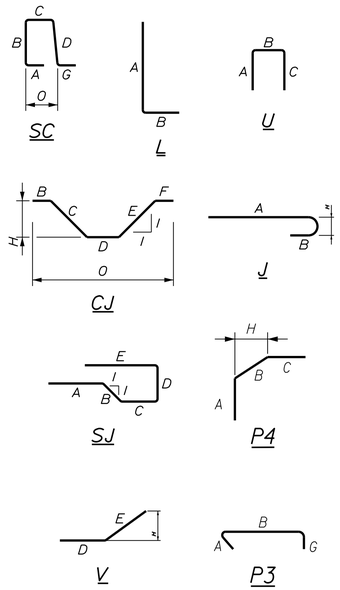
MARK	QTY.	LENGTH	LOCATION
Superstructure (Each Bridge)			
S500c	1520	57'-9"	Deck Longitudinal
S501c	2105	36'-11"	Deck Transverse
S502c	24	3'-7"	Curb End Longitudinal
S600c	60	8'-11"	Deck End
S601c	216	58'-4"	Deck Longitudinal, Piers 1 & 4
S602c	216	60'-0"	Deck Longitudinal, Piers 2 & 3
S603c	2105	36'-11"	Deck Transverse
Approach Slab (Each Bridge)			
AS501b	32	31'-3"	Approach Slab Transverse
AS601b	124	15'-2"	Approach Slab Longitudinal
Abutment No. 1 (Each Bridge)			
A500c	35	20'-4"	Longitudinal Phase 1
A501c	35	16'-10"	Longitudinal Phase 2
A502c	37	3'-1"	Bend in Field
A503c	44	17'-11"	Longitudinal
A505c	10	17'-11"	Curb Longitudinal
A506c	12	3'-2"	CW Vertical
A507c	12	9'-1"	CW Vertical
A508c	22	6'-7"	CW Longitudinal
A509c	4	17'-2"	WW Longitudinal
A510c	4	16'-0"	WW Longitudinal
A511c	4	15'-0"	WW Longitudinal
A512c	4	14'-0"	WW Longitudinal
A513c	4	13'-0"	WW Longitudinal
A514c	4	12'-0"	WW Longitudinal
A515c	4	11'-0"	WW Longitudinal
A516c	4	10'-0"	WW Longitudinal
A517c	4	9'-0"	WW Longitudinal
A518c	2	6'-1"	WW Vertical
A519c	2	6'-7"	WW Vertical
A520c	2	7'-1"	WW Vertical
A521c	2	7'-7"	WW Vertical
A522c	2	8'-1"	WW Vertical
A523c	2	8'-7"	WW Vertical
A524c	2	9'-1"	WW Vertical
A525c	2	9'-7"	WW Vertical
A700c	74	7'-4"	Vertical
A701c	74	5'-2"	Vertical
A702c	46	5'-2"	WW Vertical
Abutment No. 1 (Bridge #6078 Only)			
A504c	23	9'-10"	WW Vertical
Abutment No. 1 (Bridge #1410 Only)			
A504c	23	9'-11"	WW Vertical

MARK	QTY.	LENGTH	LOCATION
Abutment No. 2 (Each Bridge)			
B500c	35	19'-1"	Longitudinal Phase 1
B501c	35	17'-11"	Longitudinal Phase 2
B502c	37	3'-1"	Bend in Field
B503c	44	17'-11"	WW Longitudinal
B505c	10	17'-11"	Longitudinal WW Curb
B506c	12	3'-2"	CW Vertical
B507c	12	8'-9"	CW Vertical
B508c	20	6'-7"	CW Longitudinal
B509c	4	16'-10"	WW Longitudinal
B510c	4	15'-5"	WW Longitudinal
B511c	4	14'-2"	WW Longitudinal
B512c	4	12'-11"	WW Longitudinal
B513c	4	11'-8"	WW Longitudinal
B514c	4	10'-5"	WW Longitudinal
B515c	4	9'-2"	WW Longitudinal
B516c	4	7'-10"	WW Longitudinal
B517c	2	6'-3"	WW Vertical
B518c	2	6'-8"	WW Vertical
B519c	2	7'-1"	WW Vertical
B520c	2	7'-6"	WW Vertical
B521c	2	7'-11"	WW Vertical
B522c	2	8'-4"	WW Vertical
B523c	2	8'-9"	WW Vertical
B524c	2	9'-2"	WW Vertical
B700c	74	7'-3"	Vertical
B701c	120	5'-2"	Vertical
Abutment No. 2 (Bridge #6078 Only)			
B504c	23	9'-8"	WW Vertical
Abutment No. 2 (Bridge #1410 Only)			
B504c	23	9'-7"	WW Vertical

BENT BARS

MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
Superstructure (Each Bridge)														
S550c	2898	5'-8"	SC	10"	1'-4"	1'-3"	1'-5"			10"		1'-4"		Curb Stirrup
S551c	4210	5'-2"	J	4'-7"	7"						5"			Deck Overhang
S552c	60	4'-5"	SJ	1'-1"	1'-0"	1'-5"	11"	0"						Deck End
S553c	60	5'-1"	L	4'-3"	10"									Deck End
S554c	90	8'-6"	CJ		2'-6"	1'-2"	1'-2"	1'-2"	2'-6"		10"	8'-0"		Construction Joint
S555c	8	4'-1"	U		1'-5"	1'-3"	1'-5"							Curb End
S556c	88	6'-0"	L	3'-0"	3'-0"									Drains
Abutment No. 1 (Each Bridge)														
A550c	37	3'-2"	L	2'-4"	10"									BW Below AS
A552c	95	3'-2"	P3	8"	1'-8"					10"				Stirrups
A553c	38	5'-0"	L	3'-8"	1'-4"									WW Curb
A554c	52	4'-9"	SJ	2'-4"	6"	7"	1'-4"	0"						WW Curb
A555c	120	3'-4"	P3	8"	1'-8"					1'-0"				Stirrups
A556c	9	8'-10"	P4	10"	7'-2"	10"					5'-9"			WW Corner
A557c	9	7'-5"	P4	10"	5'-9"	10"					3'-11"			WW Corner
A558c	2	6'-5"	V				3'-7"	2'-10"			1'-3"			Flying WW Varying
A559c	2	6'-11"	V				4'-1"	2'-10"			1'-3"			Flying WW Varying
A560c	2	7'-5"	V				4'-7"	2'-10"			1'-3"			Flying WW Varying
A561c	2	7'-11"	V				5'-1"	2'-10"			1'-3"			Flying WW Varying
A562c	2	8'-5"	V				5'-7"	2'-10"			1'-3"			Flying WW Varying
A563c	2	8'-11"	V				6'-1"	2'-10"			1'-3"			Flying WW Varying
A564c	2	9'-5"	V				6'-7"	2'-10"			1'-3"			Flying WW Varying
A565c	2	9'-11"	V				7'-1"	2'-10"			1'-3"			Flying WW Varying
Abutment No. 1 (Bridge #6078 Only)														
A551c	37	11'-0"	U		4'-11"	1'-2"	4'-11"							Backwall
A750c	24	9'-11"	V				7'-4"	2'-7"			1'-2"			WW Vertical FF
Abutment No. 1 (Bridge #1410 Only)														
A551c	37	10'-8"	U		4'-9"	1'-2"	4'-9"							Backwall
A750c	24	9'-11"	V				7'-4"	2'-7"			1'-2"			WW Vertical FF
Abutment No. 2 (Each Bridge)														
B550c	37	3'-2"	L	2'-4"	10"									BW Below AS
B552c	95	3'-2"	P3	8"	1'-8"					10"				Stirrups
B554c	52	4'-9"	SC	7"	1'-4"	0"	4'-9"	0"						WW Stirrups
B555c	120	3'-4"	P3	8"	1'-8"					1'-0"				WW Stirrups
B556c	9	8'-10"	P4	10"	7'-2"	10"								WW Corner Long
B557c	9	7'-5"	P4	10"	5'-9"	10"								WW Corner Short
B560c	2	6'-6"	V				3'-11"	2'-6"			1'-1"			Flying WW Varying
B561c	2	6'-11"	V				4'-9"	2'-6"			1'-1"			Flying WW Varying
B562c	2	7'-4"	V				4'-10"	2'-6"			1'-1"			Flying WW Varying
B563c	2	7'-9"	V				5'-2"	2'-6"			1'-1"			Flying WW Varying
B564c	2	8'-2"	V				5'-7"	2'-6"			1'-1"			Flying WW Varying
B565c	2	8'-7"	V				6'-0"	2'-6"			1'-1"			Flying WW Varying
B566c	2	9'-0"	V				6'-5"	2'-6"			1'-1"			Flying WW Varying
B567c	2	9'-5"	V				6'-10"	2'-6"			1'-1"			Flying WW Varying
Abutment No. 2 (Bridge #6078 Only)														
B551c	37	12'-8"	U		5'-9"	1'-2"	5'-9"							Backwall
B553c	38	4'-7"	L	3'-3"	1'-4"									WW Longitudinal Curb
B558c	4	6'-2"	U		1'-3"	3'-8"	1'-3"							Pedestal Long
B559c	4	5'-9"	U		1'-3"	3'-3"	1'-3"							Pedestal Short
B750c	24	10'-8"	V				7'-3"	3'-5"			1'-6"			WW Vertical FF
Abutment No. 2 (Bridge #1410 Only)														
B551c	37	11'-0"	U		4'-11"	1'-2"	4'-11"							Backwall
B553c	38	4'-11"	L	3'-7"	1'-4"									WW Longitudinal Curb
B750c	24	9'-9"	V				7'-3"	2'-6"			1'-1"			WW Vertical FF

TYPE - BENDING DIAGRAMS



All dimensions are out-to-out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.

Plain Reinforcing Steel: ASTM A 615, Grade 60
Stainless Steel Reinforcing: ASTM A955, Grade 75
Glass Fiber Reinforced Polymer: ASTM D7957
Low-Carbon Chromium Steel: ASTM A1035, Type CS, Grade 100

GENERAL NOTES

1. The first digit(s) following the letter(s) of the mark indicate the size of the bar:

   Mark "A502" = bar size #5
   Mark "P805" = bar size #8
   Mark "S650" = bar size #6
   Mark "P1404" = bar size #14

2. The lower case letter following the bar number indicates the material of the bar.

   "A500b", b = (Black) Plain Steel
   "A550s", s = Stainless Steel
   "S500p", p = Glass Fiber Reinforced Polymer
   "P510c", c = Low-Carbon Chromium Steel

3. All reinforcement bars shall be Low-Carbon Chromium Steel except in the approach slabs. Approach slab reinforcement will be Plain Reinforcing Steel.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101 & 2563102

WIN 25631.01 & 25631.02

BRIDGE NO. 1410 & 6078

BRIDGE PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

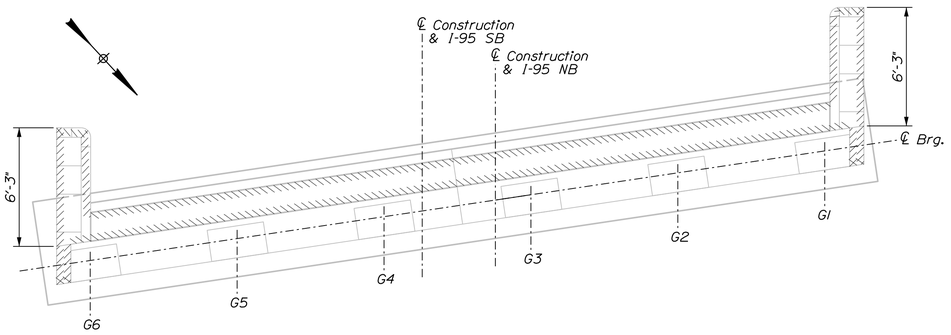
DATE

I-95 SB & NB
VAUGHAN DAGGETT MEMORIAL BRIDGES
BR NOS. 1410 & 6078
MEDWAY PENOBSCOT

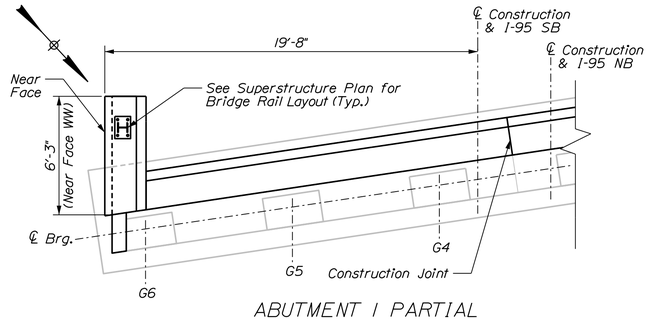
REINFORCING STEEL SCHEDULE

SHEET NUMBER
135
OF 168

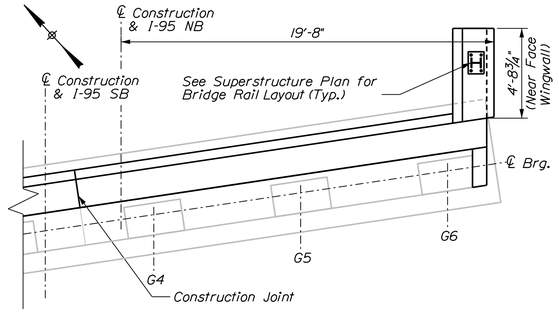
Filename: ...\038_ VDM_Reinforcing Steel Schedule.dgn Username: jfitzpatrick Date:10/3/2023
Revision:



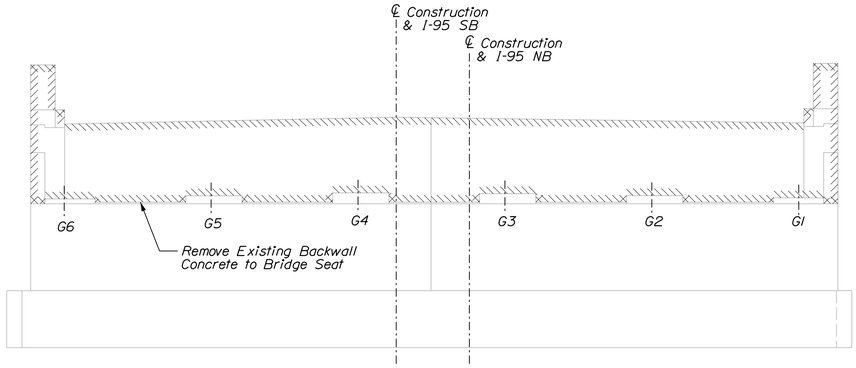
ABUTMENT 1 DEMOLITION PLAN
(ABUTMENT 2 SIMILAR)



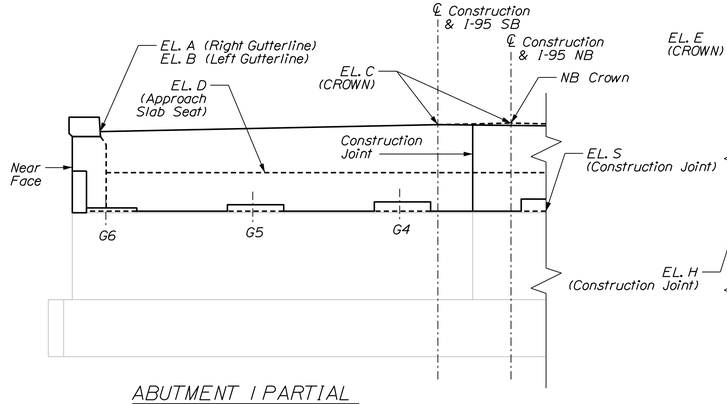
ABUTMENT 1 PARTIAL CONSTRUCTION PLAN



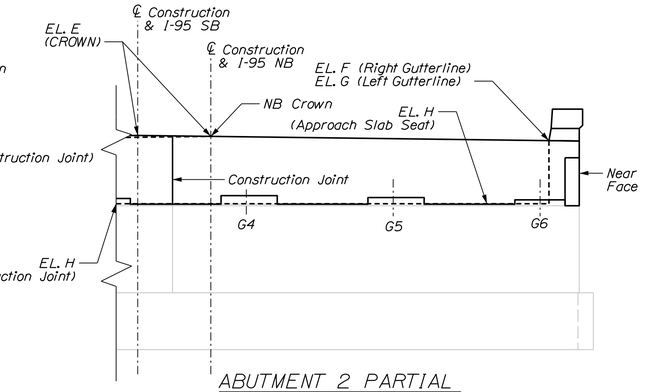
ABUTMENT 2 PARTIAL CONSTRUCTION PLAN



ABUTMENT 1 DEMOLITION ELEVATION
(ABUTMENT 2 SIMILAR)



ABUTMENT 1 PARTIAL CONSTRUCTION ELEVATION



ABUTMENT 2 PARTIAL CONSTRUCTION ELEVATION

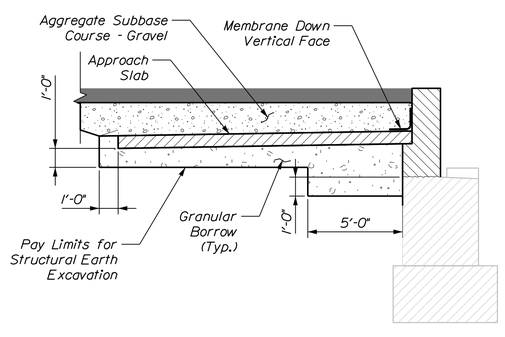
ABUTMENT AND WINGWALL MODIFICATION NOTES

1. The Contractor shall use care not to damage any existing reinforcing steel which is to remain. Any damaged reinforcing steel shall be replaced as directed by the Resident at no expense to the Department.
2. Before drilling and grouting new reinforcing steel, the Contractor shall locate reinforcing steel in existing concrete by non-destructive methods to avoid conflicts. All costs associated with this work shall be incidental to related Contract Items.
3. Reinforcing steel shall have 2 inches cover unless otherwise noted.
4. Existing abutment and wingwall concrete to be removed as shown on the plans shall be sawcut 1 inch deep prior to removal of existing concrete. All costs associated with this work shall be incidental to related Contract items.
5. Where drilling and anchoring of reinforcement is required, the Contractor shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval. Payment for drilling and anchoring will be incidental to related Contract items.
6. Dimensions and layout shown are based on available as-built drawings. Contractor shall field verify all dimensions prior to any related work.
7. All surfaces to be rehabilitated shall be clean of all debris and foreign material and shall be roughened to the ½" amplitude prior to placement of the new concrete. Payment shall be incidental to related concrete items.
8. Projecting reinforcing that can be maintained may be left in place at Contractor's discretion.
9. Cover joints where waterstops are not required in accordance with Standard Details Section 502.
10. Anchor rods shall be drilled and grouted into bearing pedestals. Grout shall be from MaineDOT approved grout from Qualified Products List.

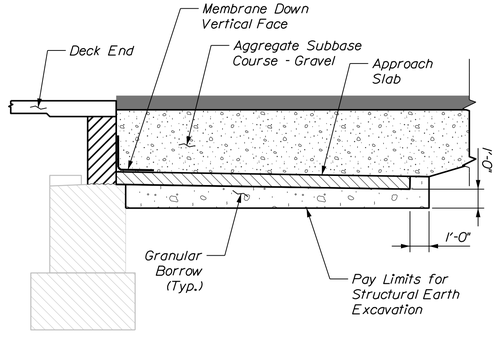
I-95 Over Route 116 Substructure Elevations														
Bridge	ABUTMENT 1								ABUTMENT 2						
	EL. A		EL. B		EL. C		EL. D	EL. S*	EL. E		EL. F		EL. G		EL. H*
	NF	FF	NF	FF	NF	FF			NF	FF	NF	FF	NF	FF	
6077 (NB)	290.02	290.05	290.22	290.25	290.47	290.50	287.55	285.72	286.73	286.70	286.28	286.24	286.47	286.44	283.31
1411 (SB)	289.78	289.81	289.83	289.86	290.15	290.18	287.23	285.52	286.53	286.50	286.16	286.13	286.21	286.18	283.25

NF = Near Face FF = Far Face

*Elevation to coincide with the existing construction joint elevation. Elevations provided are approximated from the existing bridge plans. To be field verified.



ABUTMENT 1 BACKFILL DETAIL
Abutment Detail Shown, Wingwall Detail Similar



ABUTMENT 2 BACKFILL DETAIL
Abutment Detail Shown, Wingwall Detail Similar

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

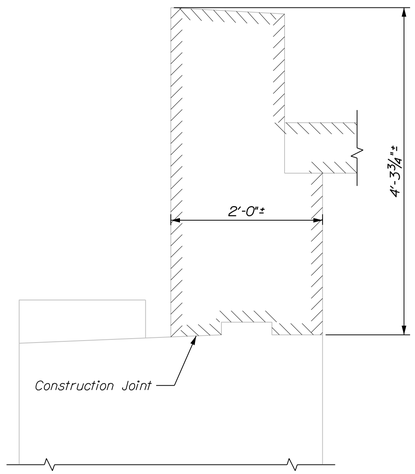
DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

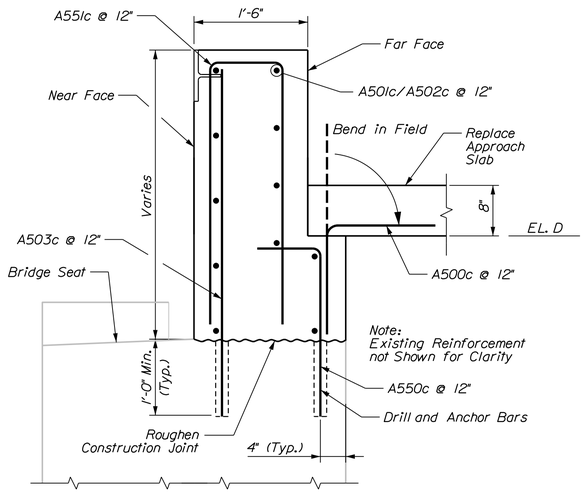
ABUTMENT MODIFICATIONS

SHEET NUMBER
136
OF 168

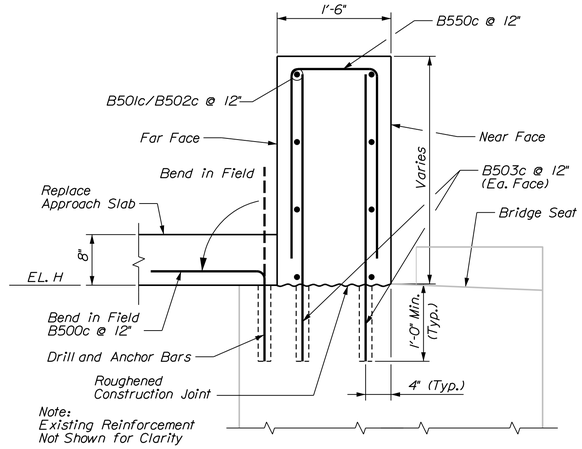
Filename: ...\051_116 Typical Abutment.dgn Division: Username: jfitzpatrick Date:10/3/2023



ABUTMENT DEMOLITION SECTION



ABUTMENT 1 CONSTRUCTION SECTION



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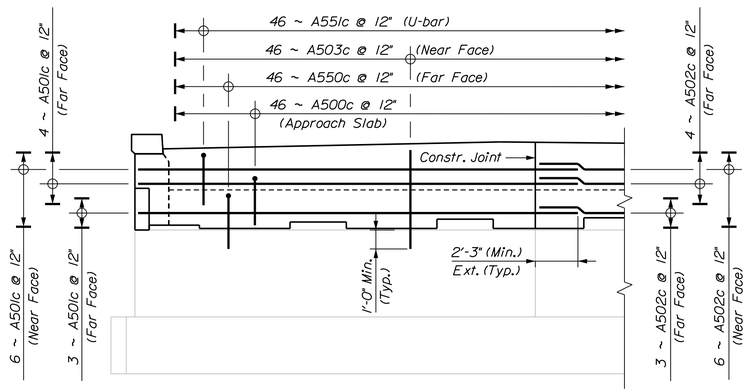
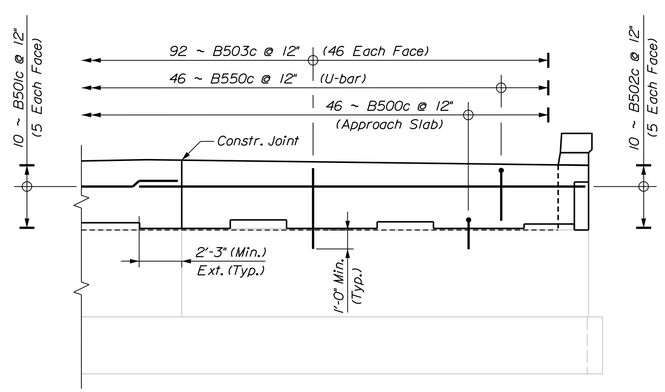


ABUTMENT 1 PARTIAL REINFORCEMENT ELEVATION

Note:
Existing Reinforcement
Not Shown for Clarity



ABUTMENT 2 PARTIAL REINFORCEMENT ELEVATION

Note:
Existing Reinforcement
not Shown for Clarity

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

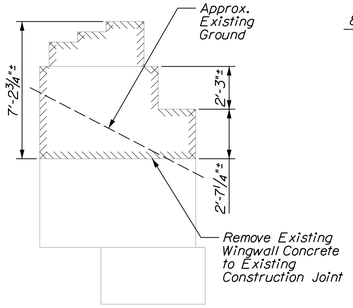
ABUTMENT MODIFICATIONS

SHEET NUMBER

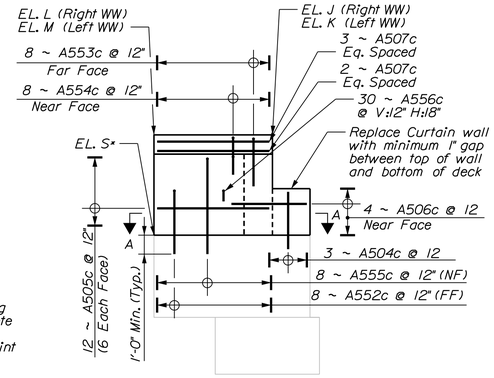
137

OF 168

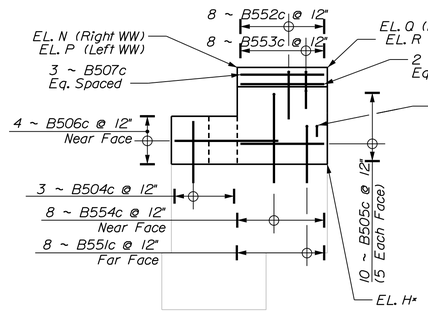
Filename: ...\052_116 Typical Abutment.dgn Division: Username: jfitzpatrick Date:10/3/2023



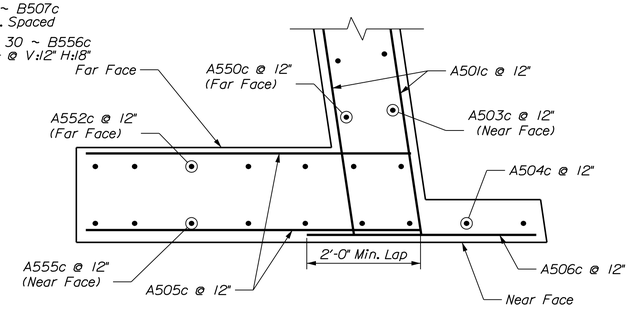
WINGWALL DEMOLITION ELEVATION



ABUTMENT 1 WINGWALL CONSTRUCTION ELEVATION

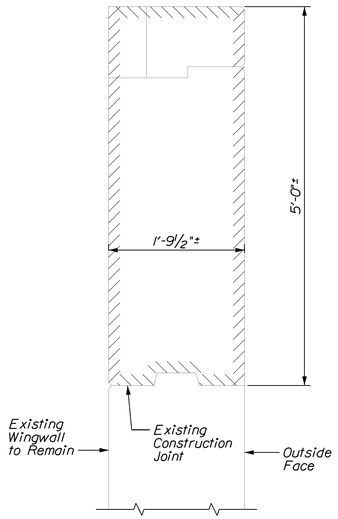


ABUTMENT 2 WINGWALL CONSTRUCTION ELEVATION

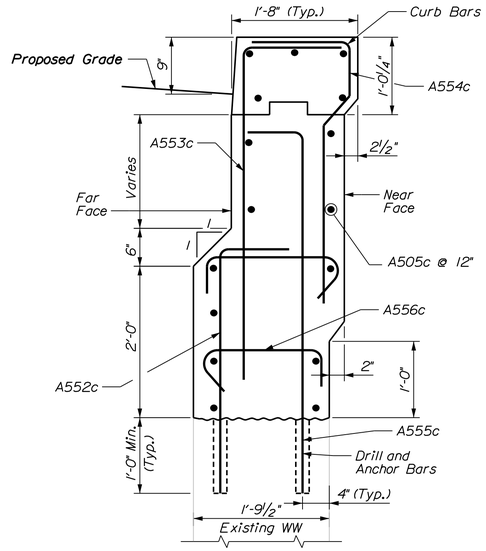


SECTION A-A

I-95 Over Route 116 Wingwall Elevations								
Bridge	Abutment 1				Abutment 2			
	EL. J	EL. K	EL. L	EL. M	EL. N	EL. P	EL. Q	EL. R
6077 (NB)	290.76	290.97	290.90	291.10	288.17	288.37	287.99	288.20
1411 (SB)	290.53	290.58	290.66	290.72	288.01	288.07	287.88	287.94

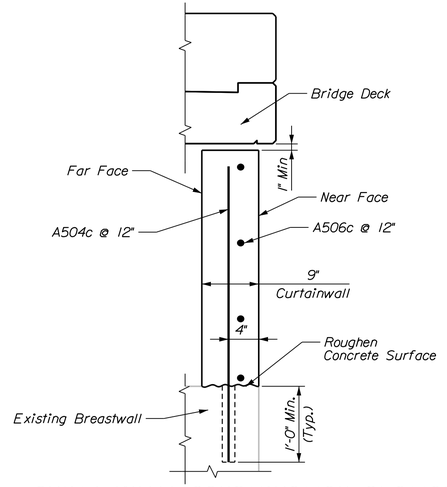


WINGWALL DEMOLITION SECTION



WINGWALL CONSTRUCTION SECTION

(All Wingwalls Similar)



CURTAINWALL CONSTRUCTION SECTION

(All Curtainwalls Similar)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

	BY	DATE
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077

MEDWAY PENOBSCOT COUNTY

WINGWALL MODIFICATIONS

SHEET NUMBER

138

OF 168

Filename: ...\053_116 Typical WW.dgn Division: Username: jfitzpatrick Date:10/3/2023

Username: jfitzpatrick Date:10/3/2023
Division:
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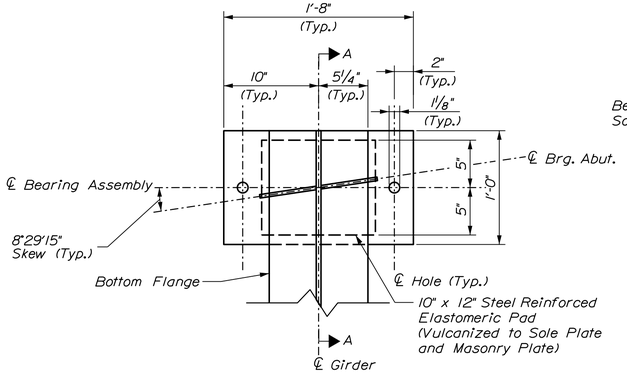
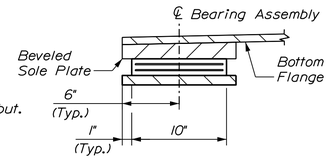
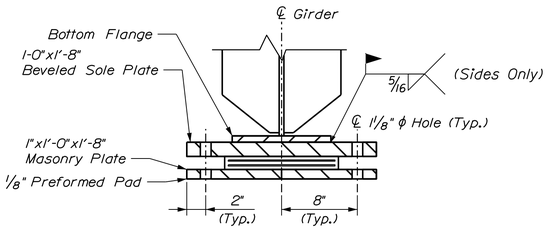


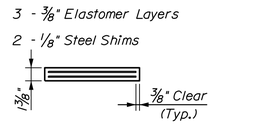
Plan



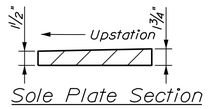
Section A-A



Elevation

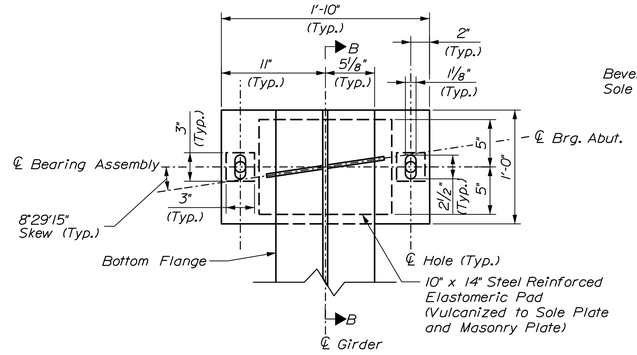


Elastomeric Pad Section

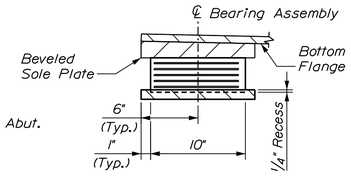


Sole Plate Section

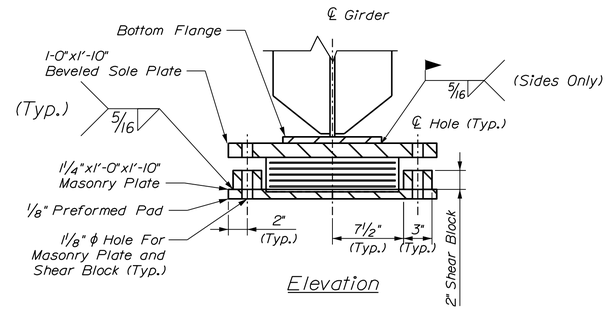
FIXED BEARING ASSEMBLY



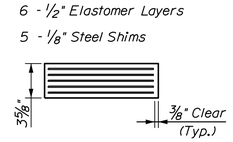
Plan



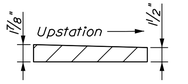
Section B-B



Elevation



Elastomeric Pad Section



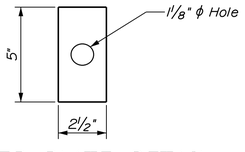
Sole Plate Section

EXPANSION BEARING ASSEMBLY

Bearing Design Loads		
Criteria	Abutment 1	Abutment 2
Unfactored Dead Load	25 kips	25 kips
Unfactored Live Load	50 kips	50 kips
Max. Displacement	1.14 inch	0 inch
Dead Load Rotation	0.002 rad.	0.001 rad.
Max. Live Load Rotation	0.0003 rad.	0.0002 rad.
Rotational Tolerance	0.005 rad.	0.005 rad.

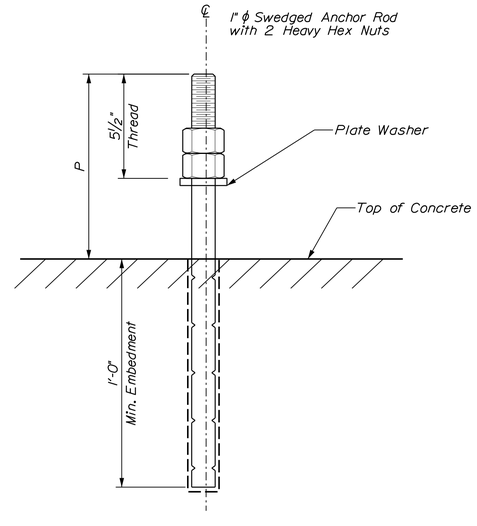
ELASTOMERIC BEARING NOTES

1. Existing bearings shall be removed and replaced at the locations shown on the Key Plan. The existing anchor rods shall be cut flush with the bridge seat. Payment for removal and installation of new anchor rods is incidental to the Bearing Installation Pay Item.
2. The shear modulus of the elastomer shall be 130 psi and meet AASHTO M251 criteria for Design Method B.
3. Vulcanization of the elastomer to the steel plates shall be done during the primary mold process. Sole and masonry plates shall be vulcanized to the elastomer.
4. Sole and masonry plates shall meet the requirement of ASTM A709, Grade 50. Anchor rods shall meet the requirement of ASTM F1554, Grade 105 and shall be swedged or threaded on the embedded portion of the rod.
5. Sole and masonry plates shall be galvanized in accordance with Section 506. Anchor rods, washers, nuts, and shear blocks shall be galvanized to ASTM A153 or ASTM B695, Class 50, Type 1.
6. All bearings shall be marked prior to shipping. The marks shall include the bearing location on the bridge and a direction arrow that points upstation. All marks shall be permanent and shall be visible after the bearing is installed.
7. Bearings shall be covered during shipping and at any time prior to installation that the bearings may be exposed to sunlight.
8. The Contractor shall measure the steel temperature using a calibrated surface thermometer at 5 locations, as determined by the Resident, if the ambient air temperature is less than 30°F or over 90°F within the 24 hours prior to each day of erection. The average of the measured steel temperatures shall be above 0°F and less than 90°F in order for erection to proceed.
9. All necessary precautions shall be taken to protect bearing components from field weld flash and spatter. Heat from welding operations shall be controlled such that steel adjacent to the elastomer does not exceed 200°F. The temperature shall be verified by the use of temperature indicating crayons or other suitable means.
10. Upset the threads on the anchor rods after assembly of the bearing.
11. The Contractor shall not weld the girders to the sole plate until after all adjustments have been made in accordance with Standard Specification Section 523.094.
12. The "Bearing Design Load" for each bearing as noted in Standard Specification, Subsection 523.23.4 is given in the table. This is the total load for the Service 1 load combination without impact.
13. For drilling and anchoring the anchor rods, the Contractor shall use material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchoring Systems.



WASHER PLATE DETAIL

Exposed Rod Height	
Bearing ID	"P"
Expansion	11 5/16"
Fixed	9½"



ANCHOR ROD DETAIL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08/23
CHECKED-REVIEWED	E. MORRISON	08/23
DESIGN2-DETAILED2	T. MCAULIFFE	08/23
DESIGN3-DETAILED3	B. COLBURN	08/23
REVISIONS 1	N. EDMAN	08/23
REVISIONS 2	J. FITZ	08/23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077

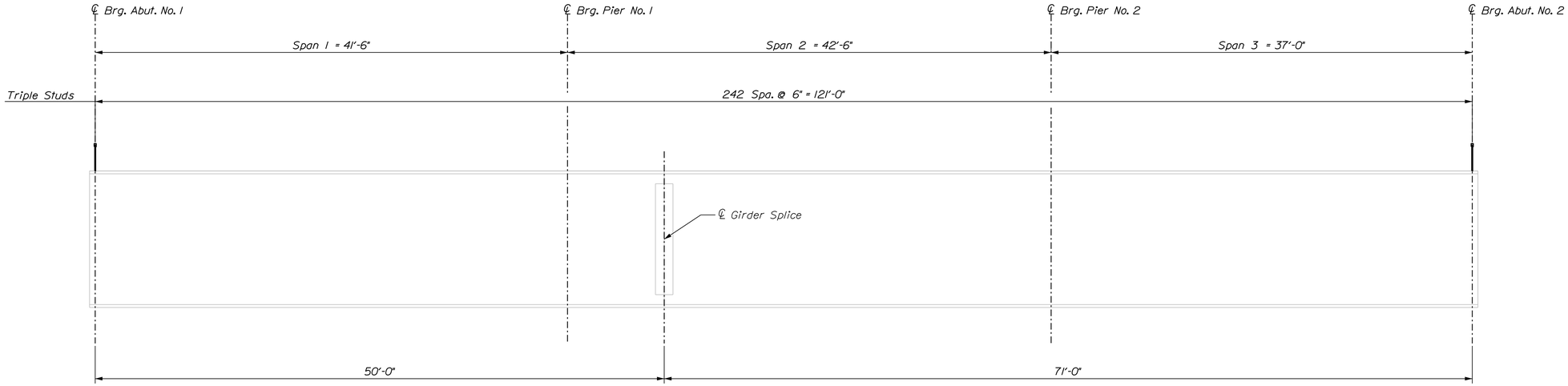
MEDWAY PENOBSCOT COUNTY

BEARING DETAILS

SHEET NUMBER

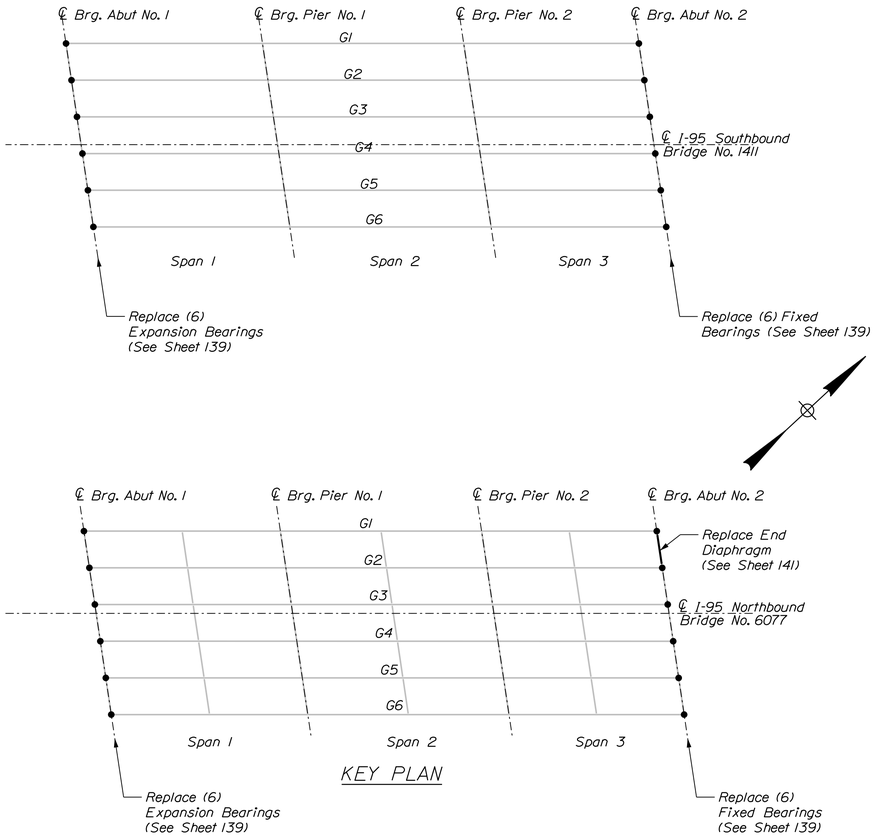
139

OF 168



SHEAR CONNECTOR LAYOUT

729 (243 x 3 Rows) Studs Per Girder
(4374 Studs Total Per Bridge)



KEY PLAN

SHEAR CONNECTOR NOTES

1. Dimensions are measured along centerline of the girder.
2. Prior to installing the proposed shear studs, the Contractor shall clean the top flange so that it is free of debris, rust, scale, oil and other contaminates that would adversely affect the welding operation. Payment for cleaning the top flange for installation of proposed shear studs shall be incidental to Item 505.08, Shear Connectors. Existing steel may be coated with a lead-based paint system. See General Notes for more information.
3. The proposed shear studs shall be 7/8" diameter. Studs shall penetrate into the deck a minimum of 2" and maintain a clear cover of 2" to the top of the studs.
4. If existing shear connectors are present, they shall be removed such that they project 1 inch maximum above the top of the existing top flange unless they conflict with the installation of the new shear connectors or any other work. If the existing shear connectors interfere with installation of the new shear connectors or any other work, they shall be removed completely and ground flush with the top flange. All costs associated with this work shall be incidental to related Contract items.
5. Pitch spacing may be adjusted at bolted splices to avoid splice bolts.

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I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

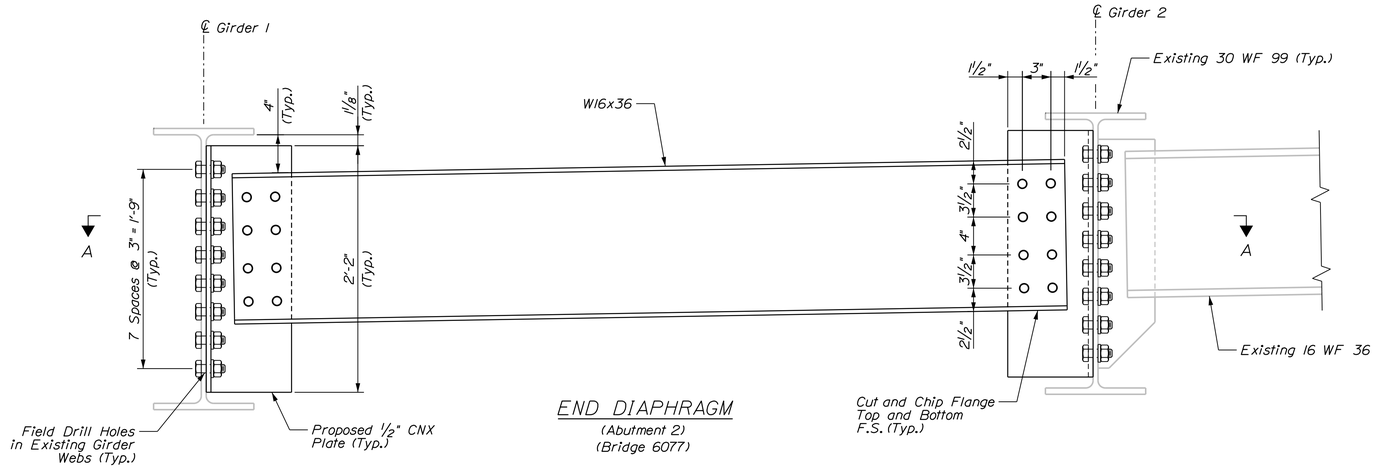
KEY PLAN & SHEAR CONNECTOR LAYOUT

SHEET NUMBER

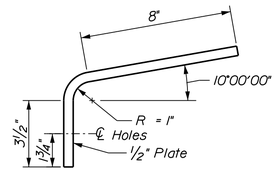
140

OF 168

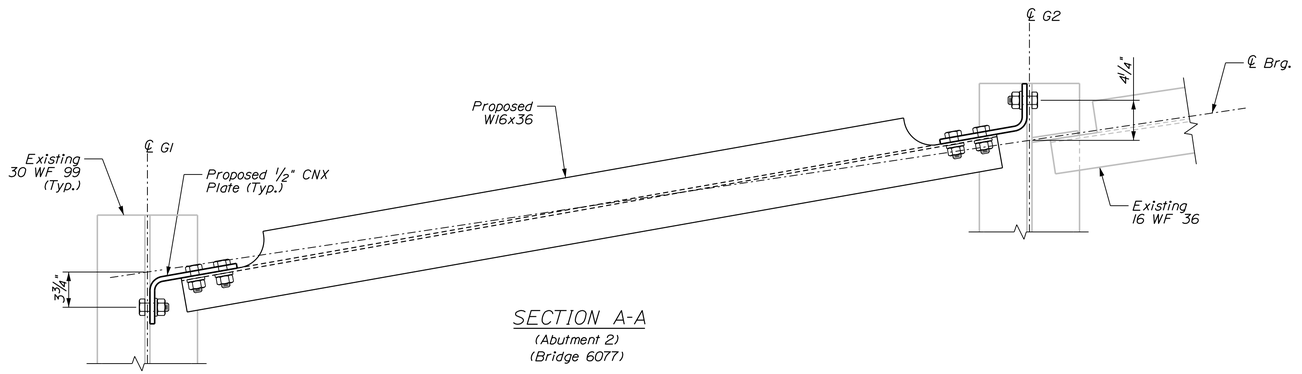
Filename: ...\055_116_Shear_Connectors.dgn Division: Username: jfitzpatrick Date:10/3/2023



END DIAPHRAGM
(Abutment 2)
(Bridge 6077)



CNX PLATE DETAIL



SECTION A-A
(Abutment 2)
(Bridge 6077)

NOTES

1. Replace one End Diaphragm and associated connection plates as shown on Key Plan.
2. Bent plates shall be plumb after erection.
3. All bolts shall be 7/8" ϕ, ASTM F3125 Grade A325, Type 1, High Strength Bolts.
4. Proposed Structural Steel shall be coated in accordance with Standard Specifications Section 506, Shop Applied Protective Coating - Steel (Zinc Rich Coating System), except NEPCOAT Qualified Product List C may be used. Payment for the coating will be incidental to Pay Item 504.70.
5. Shop drill 15/16" ϕ holes in diaphragms and bent plates. Field drill 1 1/16" ϕ oversized holes in existing girders to match connection angles.
6. Proposed steel contact surfaces shall be cleaned in accordance with Pay Item 506.1775 Field Painting, New and Existing Steel with Zinc Rich Paint.
7. Payment for field measuring and field drilling shall be incidental to Pay Item 504.71, "Structural Steel Erection".

STATE OF MAINE
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PROJECT NO. 2563104 & 2563105
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BRIDGE NO. 1411 & 6077
BRIDGE PLANS

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REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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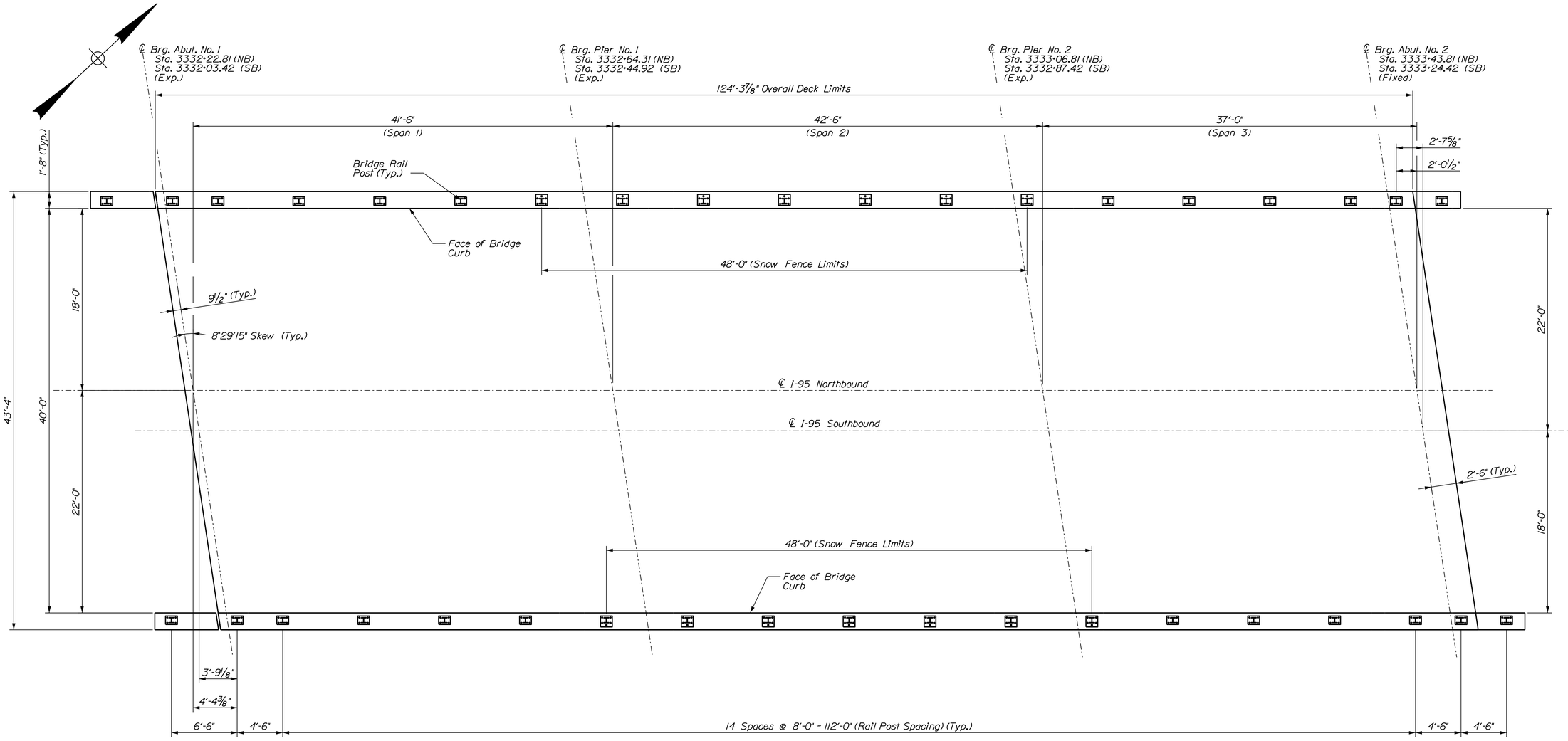
I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

STRUCTURAL STEEL DETAILS

SHEET NUMBER
141
OF 168

Filename: ...\055A_116_StructuralSteelDetails.dgn Division: Username: jfitzpatrick Date:10/3/2023



SUPERSTRUCTURE PLAN

GIRDER	BRIDGE NO. 6077 - BOTTOM OF SLAB ELEVATIONS																												
	CL BRG. ABUT. NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 2	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. ABUT. NO. 2
G1	289.27	289.18	289.08	288.99	288.91	288.82	288.73	288.64	288.55	288.46	288.38	288.28	288.19	288.10	288.01	287.92	287.83	287.74	287.65	287.55	287.46	287.38	287.30	287.22	287.14	287.06	286.98	286.90	286.83	286.75	286.67
G2	289.38	289.28	289.18	289.09	289.00	288.91	288.82	288.74	288.66	288.57	288.49	288.39	288.30	288.21	288.12	288.02	287.93	287.84	287.75	287.66	287.57	287.49	287.41	287.33	287.24	287.16	287.08	287.00	286.93	286.85	286.78
G3	289.49	289.39	289.29	289.20	289.11	289.02	288.93	288.85	288.76	288.68	288.59	288.50	288.41	288.32	288.23	288.13	288.04	287.95	287.86	287.77	287.68	287.60	287.52	287.44	287.35	287.27	287.19	287.11	287.04	286.96	286.89
G4	289.39	289.29	289.20	289.11	289.01	288.93	288.84	288.75	288.67	288.59	288.50	288.41	288.32	288.22	288.13	288.04	287.95	287.86	287.77	287.68	287.59	287.51	287.42	287.34	287.26	287.18	287.10	287.02	286.94	286.87	286.79
G5	289.23	289.14	289.04	288.95	288.86	288.77	288.68	288.60	288.51	288.43	288.34	288.25	288.16	288.06	287.97	287.88	287.79	287.70	287.61	287.52	287.43	287.35	287.26	287.18	287.10	287.02	286.94	286.86	286.78	286.71	286.63
G6	289.07	288.98	288.89	288.80	288.71	288.62	288.53	288.45	288.36	288.27	288.18	288.09	288.00	287.91	287.82	287.72	287.63	287.54	287.45	287.36	287.27	287.19	287.11	287.03	286.95	286.87	286.79	286.71	286.63	286.55	286.48

GIRDER	BRIDGE NO. 1411 - BOTTOM OF SLAB ELEVATIONS																												
	CL BRG. ABUT. NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 2	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. ABUT. NO. 2
G1	288.89	288.80	288.71	288.63	288.54	288.46	288.37	288.29	288.20	288.12	288.04	287.95	287.86	287.77	287.69	287.60	287.51	287.43	287.34	287.25	287.17	287.09	287.01	286.94	286.86	286.78	286.71	286.63	286.56	286.48	286.41
G2	289.00	288.90	288.81	288.72	288.64	288.55	288.47	288.39	288.31	288.23	288.15	288.06	287.97	287.88	287.79	287.71	287.62	287.53	287.45	287.36	287.28	287.20	287.12	287.04	286.96	286.89	286.81	286.74	286.66	286.59	286.52
G3	289.11	289.01	288.92	288.83	288.75	288.66	288.58	288.50	288.42	288.34	288.26	288.17	288.08	287.99	287.91	287.82	287.73	287.65	287.56	287.47	287.39	287.31	287.23	287.15	287.07	287.00	286.92	286.85	286.77	286.70	286.63
G4	289.15	289.06	288.97	288.88	288.79	288.71	288.63	288.54	288.47	288.39	288.30	288.22	288.13	288.04	287.95	287.86	287.78	287.69	287.61	287.52	287.43	287.36	287.28	287.20	287.12	287.04	286.97	286.89	286.82	286.75	286.68
G5	288.99	288.90	288.81	288.72	288.63	288.55	288.47	288.39	288.31	288.23	288.15	288.06	287.97	287.88	287.79	287.70	287.62	287.53	287.45	287.36	287.28	287.20	287.12	287.04	286.96	286.88	286.81	286.73	286.66	286.59	286.52
G6	288.84	288.75	288.66	288.58	288.49	288.41	288.32	288.24	288.16	288.07	287.99	287.90	287.81	287.73	287.64	287.55	287.46	287.38	287.29	287.20	287.12	287.04	286.96	286.89	286.81	286.74	286.66	286.58	286.51	286.44	286.36

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

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PROJ. MANAGER		
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REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

SUPERSTRUCTURE PLAN

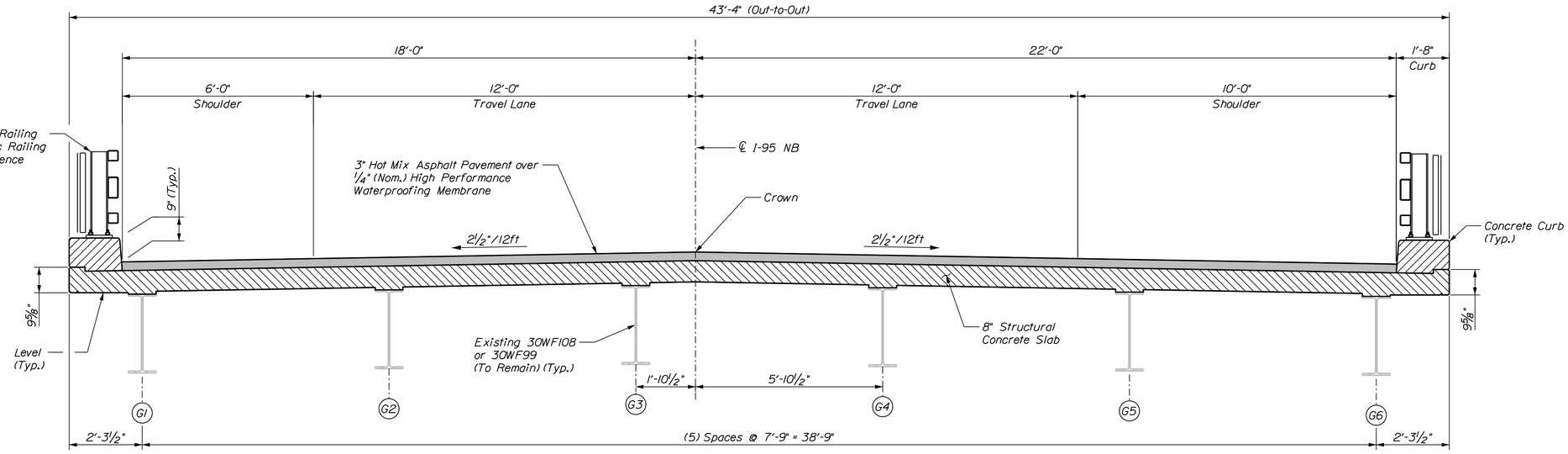
SHEET NUMBER

142

OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\056_116_Superstructure_Plan.dgn Division:



TRANSVERSE SECTION

I-95 Northbound shown.
I-95 Southbound opposite hand.

SUPERSTRUCTURE NOTES

1. The theoretical blocking used for design of the structure is 2 inches at the centerlines of bearing of the abutments and piers as measured from the top of the rolled beam flange. Refer to Standard Detail 502(03) for blocking details.
2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
3. Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.
4. The superstructure slab concrete shall be placed continuously and shall be kept plastic until the entire placement has been made.
5. Precast Concrete Deck Panels are not allowed on this project.
6. All reinforcement shall be Low-Carbon Chromium unless otherwise noted.
7. Contractor shall stagger the splice locations of the longitudinal and transverse bars.
8. Payment for the neoprene pad will be incidental to related Contract Items.

STATE OF MAINE
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I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

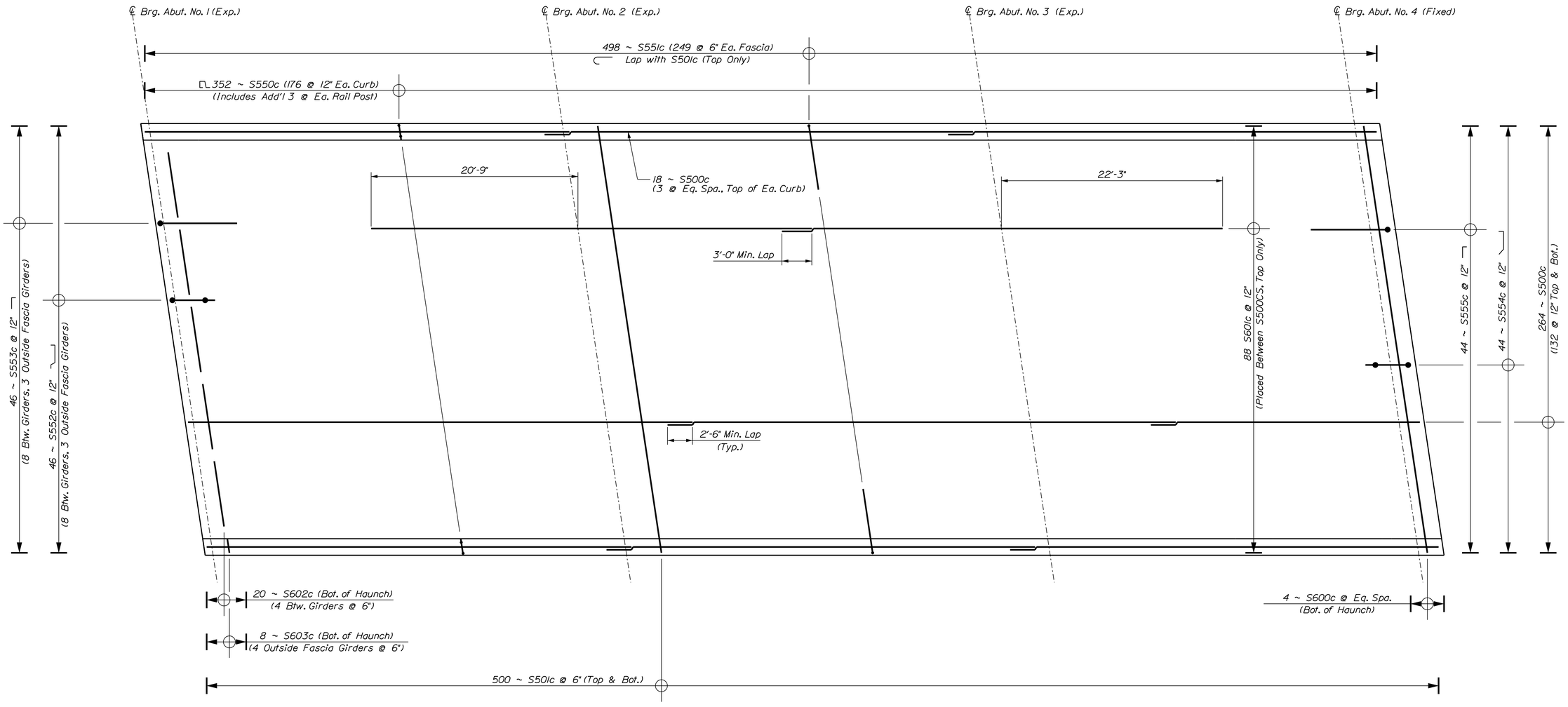
TRANSVERSE SECTION

SHEET NUMBER

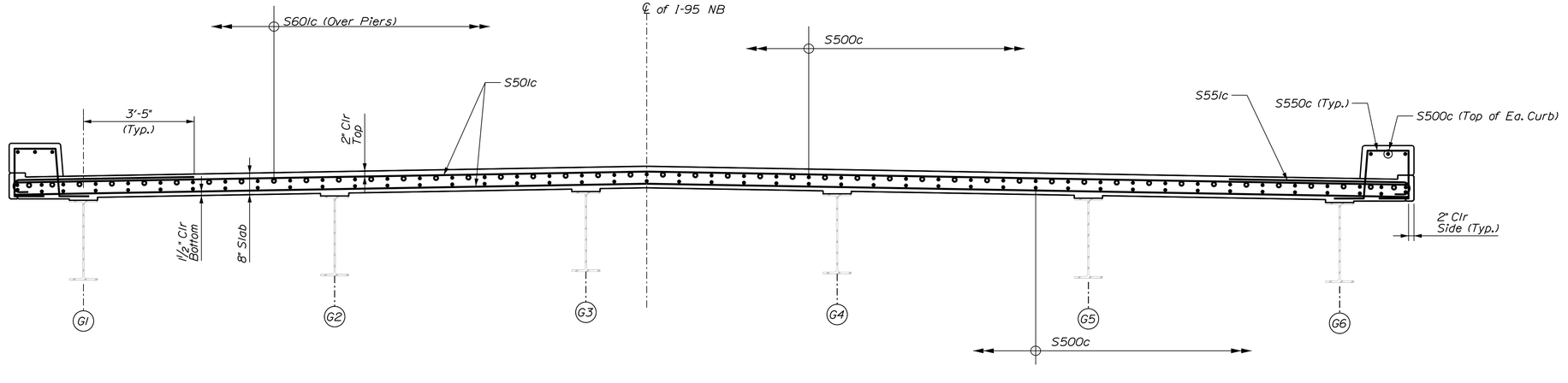
143

OF 168

Filename: ...\057_116_Transverse_Section.dgn Division: Username: jfitzpatrick Date:10/3/2023



DECK REINFORCING PLAN



TRANSVERSE SECTION

Username: jfitzpatrick Date:10/3/2023

Division:

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STATE OF MAINE
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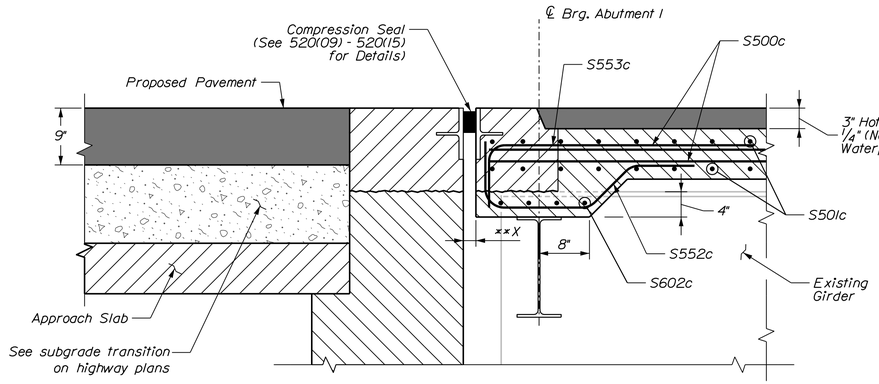
I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

DECK REINFORCING

SHEET NUMBER

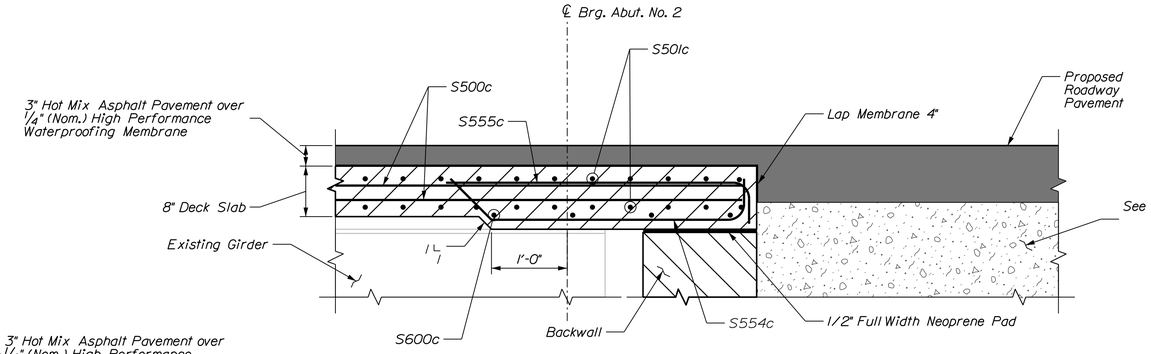
144

OF 168

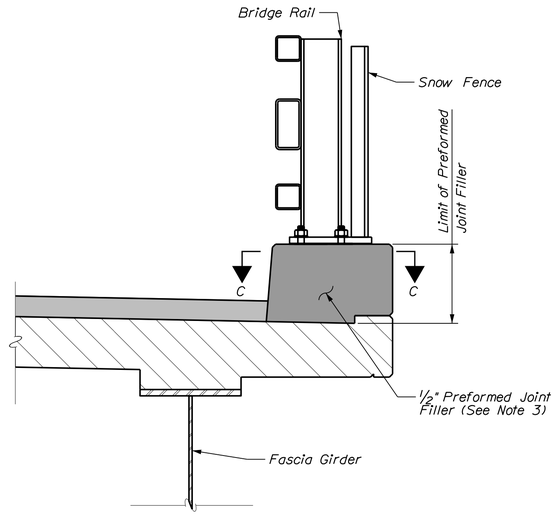


**See Expansion Joint Adjustment Chart

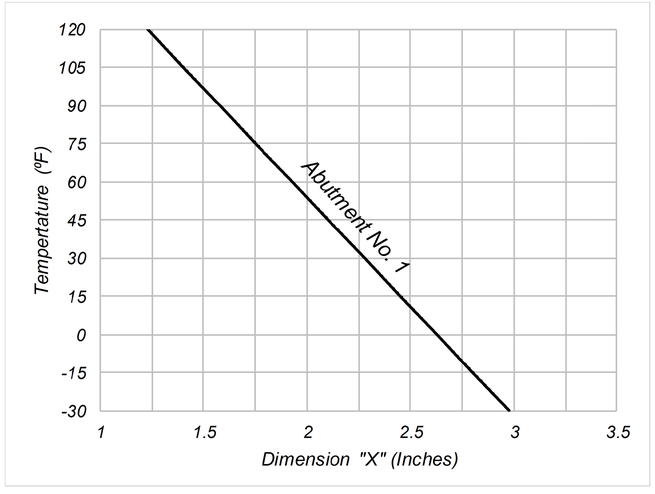
ABUTMENT 1 DECK END SECTION
(PERPENDICULAR TO ℄ BEARING)



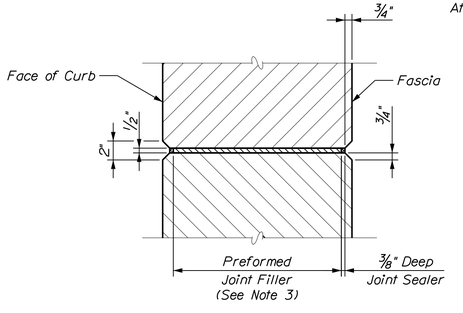
ABUTMENT 2 DECK END SECTION
(PARALLEL TO GIRDER)



CURB JOINT DETAIL
At Abutment 2 Only.



EXPANSION JOINT ADJUSTMENT CHART



SECTION C-C

CURB JOINT NOTES

1. Construction of joints, including joint filler, shall be incidental to the related structural concrete pay item.
2. Preformed joint filler shall conform to ASTM designation D1752, Type I or ASTM D5249, Type 2. Preformed joint filler shall be a non staining, non bleeding type.
3. Joint sealer shall conform with subsection 714.04 of the specifications and shall be incidental to the related pay items.

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I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT COUNTY

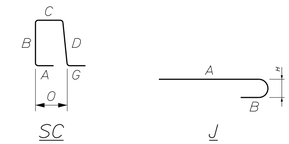
SUPERSTRUCTURE DETAILS

SHEET NUMBER
145
OF 168

Filename: ...\059_116_Superstructure_Details.dgn Division: Username: jfitzpatrick Date:10/3/2023

STRAIGHT BARS								BENT BARS														
MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
Superstructure (Each Bridge)								Superstructure (Each Bridge)														
S500c	282	43'-0"	Deck Longitudinal					S550c	352	5'-8"	SC	10"	1'-4"	1'-3"	1'-5"			10"		1'-4"		Curb Stirrup
S501c	500	43'-6"	Deck Transverse					S551c	498	6'-3"	J	5'-8"	7"						5"			Deck Overhang
								S552c	46	3'-7"	SJ	10"	9"	1'-2"	10"	0"						Abt. 1 Deck End
S600c	4	43'-5"	Deck End (Abt. 2)					S553c	46	4'-4"	L	3'-6"	10"									Abt. 1 Deck End
S601c	88	44'-3"	Deck Longitudinal					S554c	44	4'-7"	SJ	0"	11"	3'-2"	6"	0"						Abt. 2 Deck End
S602c	20	6'-7"	Deck End (Abt. 1)					S555c	44	4'-6"	L	4'-0"	6"									Abt. 2 Deck End
S603c	8	1'-8"	Deck End (Abt. 1)																			
								Abutment No. 1 (Bridge #6077 Only)														
Approach Slab (Each Bridge)								A550c	46	3'-5"	L	2'-7"	10"									Drill and Anchor
AS501b	32	38'-1"	Approach Slab Transverse					A551c	46	8'-8"	U		3'-9"	1'-2"	3'-9"							Backwall
								A552c	16	4'-1"	L	3'-3"	10"									WW Drill and Anchor FF
AS601b	152	15'-2"	Approach Slab Longitudinal					A553c	16	5'-7"	L	4'-3"	1'-4"									WW Curb
								A554c	16	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
								A555c	16	6'-1"	L	5'-3"	10"									WW Drill and Anchor NF
Abutment No. 1 (Bridge #6077 Only)								A556c	60	3'-2"	P3	8"	1'-6"					1'-0"				WW Stirrups
A500c	46	2'-3"	Bend in Field																			
A501c	13	25'-8"	BW Longitudinal Phase 1																			
A502c	13	19'-4"	BW Longitudinal Phase 2					Abutment No. 2 (Bridge # 6077 Only)														
A503c	46	5'-5"	Drill and Anchor NF					B550c	46	6'-8"	U		2'-9"	1'-2"	2'-9"							Backwall
A504c	6	3'-8"	Curtainwall Vertical					B551c	16	4'-1"	L	3'-3"	10"									WW Drill and Anchor FF
A505c	24	6'-11"	WW Longitudinal					B552c	16	5'-3"	L	3'-11"	1'-4"									WW Curb
A506c	8	3'-10"	Curtainwall Longitudinal					B553c	16	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
A507c	10	5'-11"	WW Curb Longitudinal					B554c	16	5'-9"	L	4'-11"	10"									WW Drill and Anchor NF
								B555c	60	3'-2"	P3	8"	1'-6"					1'-0"				WW Stirrups
Abutment No. 2 (Bridge #6077 Only)																						
B500c	46	2'-2"	Bend in Field					Abutment No. 1 (Bridge #1411 Only)														
B501c	10	25'-8"	BW Longitudinal Phase 1					A550c	46	3'-4"	L	2'-6"	10"									Drill and Anchor
B502c	10	19'-2"	BW Longitudinal Phase 2					A551c	46	8'-6"	U		3'-8"	1'-2"	3'-8"							Backwall
B503c	92	3'-11"	Drill and Anchor NF					A552c	16	4'-1"	L	3'-3"	10"									WW Drill and Anchor FF
B504c	6	4'-5"	Curtainwall Vertical					A553c	16	5'-5"	L	4'-1"	1'-4"									WW Curb
B505c	20	6'-11"	WW Longitudinal					A554c	16	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
B506c	8	3'-10"	Curtainwall Longitudinal					A555c	16	5'-11"	L	5'-1"	10"									WW Drill and Anchor NF
B507c	10	5'-11"	WW Curb Longitudinal					A556c	60	3'-2"	P3	8"	1'-6"					1'-0"				WW Stirrups
Abutment No. 1 (Bridge #1411 Only)								Abutment No. 2 (Bridge #1411 Only)														
A500c	46	2'-2"	Bend in Field					B550c	46	6'-8"	U		2'-9"	1'-2"	2'-9"							Backwall
A501c	13	25'-8"	BW Longitudinal Phase 1					B551c	16	4'-1"	L	3'-3"	10"									WW Drill and Anchor FF
A502c	13	19'-4"	BW Longitudinal Phase 2					B552c	16	5'-0"	L	3'-8"	1'-4"									WW Curb
A503c	46	5'-3"	Drill and Anchor NF					B553c	16	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
A504c	6	3'-8"	Curtainwall Vertical					B554c	28	5'-6"	L	4'-8"	10"									WW Drill and Anchor NF
A505c	20	6'-11"	WW Longitudinal					B555c	60	3'-2"	P3	8"	1'-6"					1'-0"				WW Stirrups
A506c	8	3'-10"	Curtainwall Longitudinal																			
A507c	10	5'-11"	WW Curb Longitudinal																			
Abutment No. 2 (Bridge #1411 Only)																						
B500c	46	2'-2"	Bend in Field																			
B501c	9	25'-8"	BW Longitudinal Phase 1																			
B502c	9	19'-2"	BW Longitudinal Phase 2																			
B503c	92	3'-9"	Drill and Anchor NF																			
B504c	6	4'-4"	Curtainwall Vertical																			
B505c	20	6'-11"	WW Longitudinal																			
B506c	8	3'-10"	Curtainwall Longitudinal																			
B507c	10	5'-11"	WW Curb Longitudinal																			

TYPE - BENDING DIAGRAMS



All dimensions are out-to-out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.

Plain Reinforcing Steel: ASTM A 615, Grade 60
Stainless Steel Reinforcing: ASTM A955, Grade 75
Glass Fiber Reinforced Polymer: ASTM D7957
Low-Carbon Chromium Steel: ASTM A1035, Type CS, Grade 100

GENERAL NOTES

1. The first digit(s) following the letter(s) of the mark indicate the size of the bar:

   Mark "A502" = bar size #5
   Mark "P805" = bar size #8
   Mark "S650" = bar size #6
   Mark "P1404" = bar size #14

2. The lower case letter following the bar number indicates the material of the bar.

   "A500b", b = (Black) Plain Steel
   "A550s", s = Stainless Steel
   "S500p", p = Glass Fiber Reinforced Polymer
   "P510c", c = Low-Carbon Chromium Steel

3. All reinforcement bars shall be Low-Carbon Chromium Steel except in the approach slabs. Approach slab reinforcement will be Plain Reinforcing Steel.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563104 & 2563105

WIN 25631.04 & 25631.05

BRIDGE NO. 1411 & 6077

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

P.E. NUMBER

SIGNATURE

DATE

I-95 SB & NB OVER ROUTE 116
BRIDGE NOS. 1411 & 6077
MEDWAY PENOBSCOT

REINFORCING STEEL SCHEDULE

SHEET NUMBER

146

OF 168

Filename: ...\060_116_Reinf_Schedule.dgn Username: jfitzpatrick Division: Date:10/3/2023

Presumed Limit of State ROW

1-95 SOUTHBOUND

1-95 NORTHBOUND

EXIT 244 NORTHBOUND ON RAMP

EXIT 244 SOUTHBOUND ON RAMP

℄ Brg. Abutment 1
Sta. 519+98.26

20°30'0" Skew
(Typ.)

341'-0"

℄ Brg. Pier 1
Sta. 520+62.26

℄ Brg. Pier 2
Sta. 521+33.26

℄ Brg. Pier 3
Sta. 522+04.26

℄ Brg. Pier 4
Sta. 522+75.26

℄ Brg. Abutment 2
Sta. 523+39.26

Connect 31" W-Beam Guardrail Mid-Way Splice to Existing Guardrail
Sta. 518+90.00

31" W-Beam Guardrail Mid-Way Splice (Typ.)

Connect 31" W-Beam Guardrail Mid-Way Splice to Existing Guardrail
Sta. 524+50.00

TO EAST MILLINOCKET

TO MATTAWAMKEAG

519+00 520+00 521+00 522+00 523+00 524+00 525+00

ROUTE 157

Bridge No. 6141

3366+00 3365+00 3364+00 3363+00 3362+00 3361+00

Connect 31" W-Beam Guardrail Mid-Way Splice to Existing Guardrail
Sta. 519+08.00

Connect 31" W-Beam Guardrail Mid-Way Splice to Existing Guardrail
Sta. 524+00.00

Bridge Transition
Type 1 (Typ.)

Steel Approach Railing, 3-Bar
(Typ.)

Remove And Reset Curb
Type 5

PEM PE

PLAN

25 0 25 50
Scale of Feet

Usernname: jfitzpatrick Date:10/3/2023

Division:

Filename: ...\008_General_Plan.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 25631.03

WIN 25631.03

Bridge No. 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN 08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ 08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
PENOBSCOT COUNTY
MEDWAY

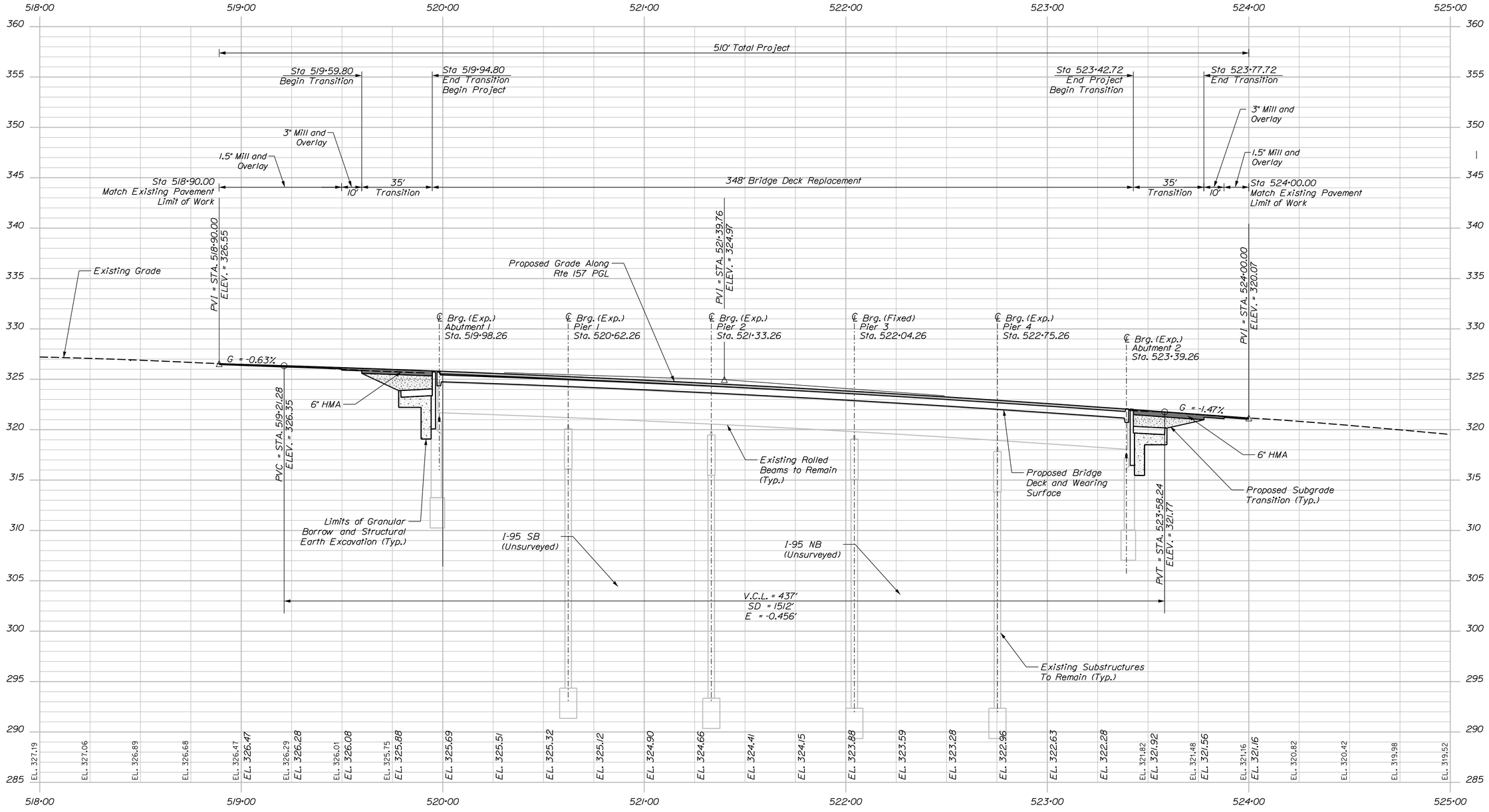
GENERAL PLAN

SHEET NUMBER

147

OF 168

Filename: ...\015_Profile_RT157_Bridge_6141.dgn Division:
Username: jfitzpatrick Date:10/3/2023



PROFILE
ROUTE 157

PROFILE

Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

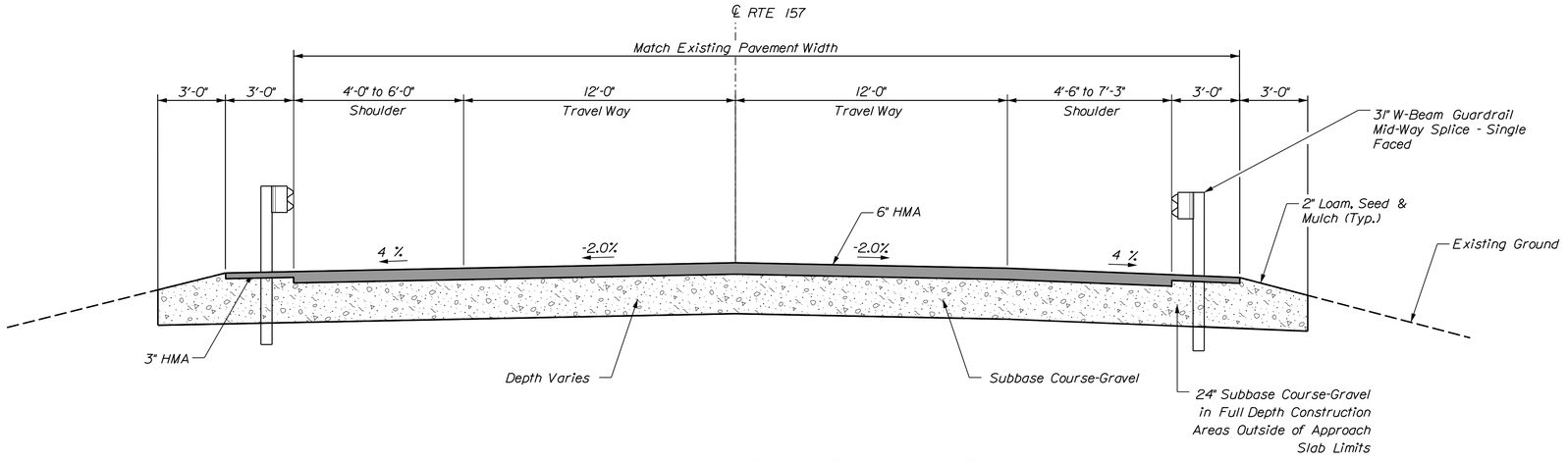
ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

PROFILE
ROUTE 157

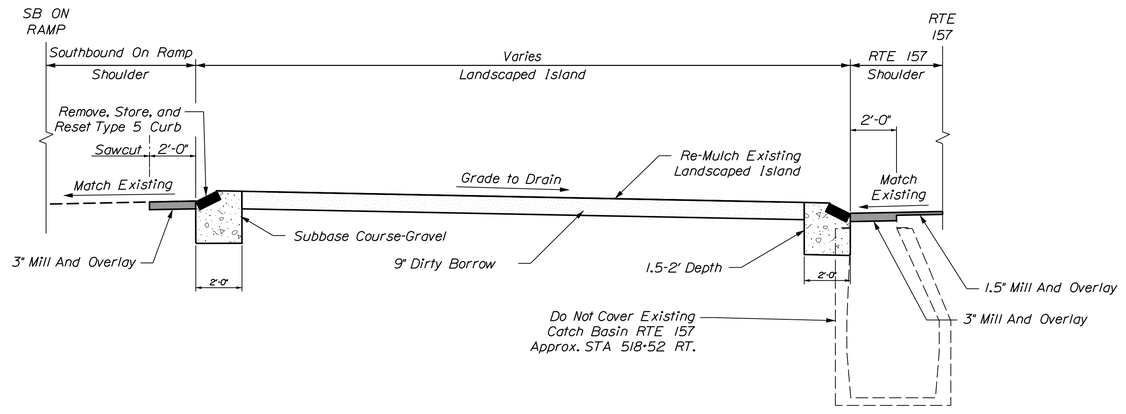
SHEET NUMBER

148

OF 168



ROUTE 157 BRIDGE APPROACH TYPICAL SECTION



ROUTE 157/SOUTHBOUND ON RAMP
ISLAND RECONSTRUCTION TYPICAL

STA 518+30 to STA 518+55

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

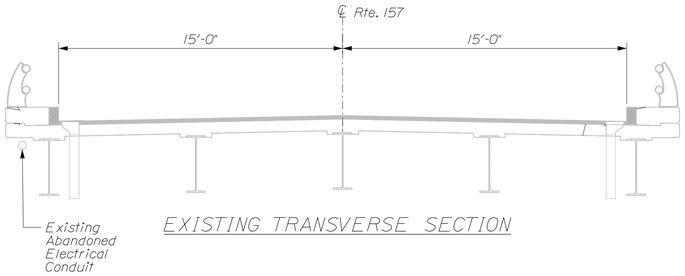
TYPICAL SECTIONS

SHEET NUMBER

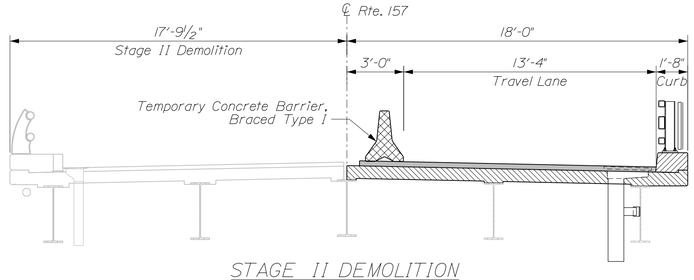
149

OF 168

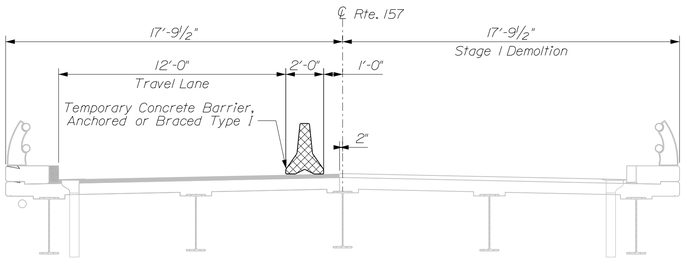
Filename: ...\148_TypicalHW_RTE_157_Bridge_Approaches.dgn Date:10/3/2023 Username: jfitzpatrick



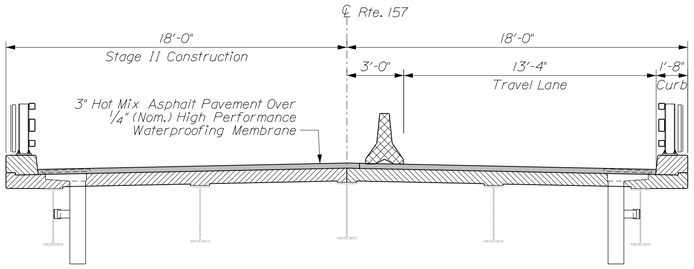
EXISTING TRANSVERSE SECTION



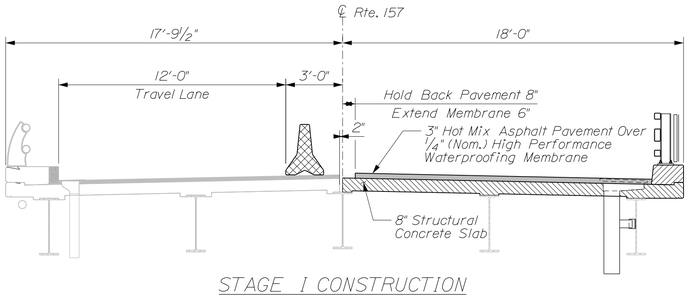
STAGE II DEMOLITION



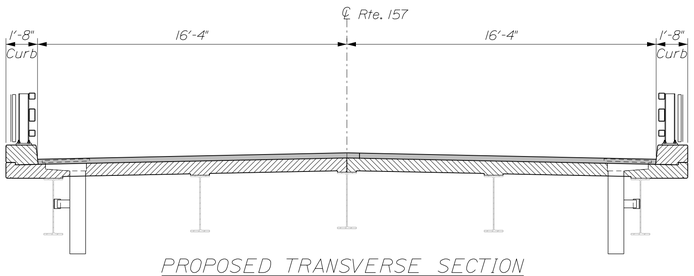
STAGE I DEMOLITION



STAGE II CONSTRUCTION



STAGE I CONSTRUCTION



PROPOSED TRANSVERSE SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

STAGED CONSTRUCTION

SHEET NUMBER

150

OF 168

Filename: ...\088_Staged_Construction.dgn Division: Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\078_TCPlan_01.dgn Username: jfitzpatrick Date:10/3/2023 Division:

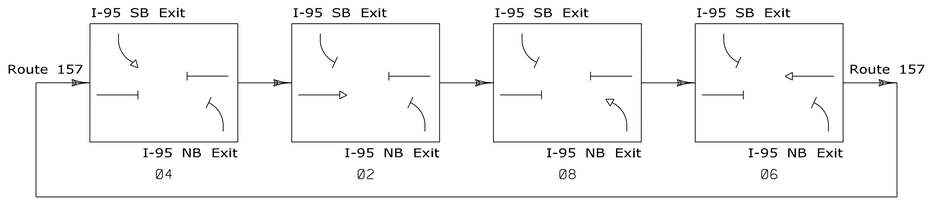
LEGEND

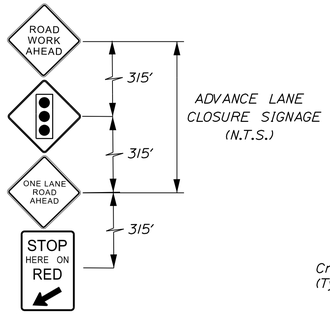
Temporary Portable Traffic Signal

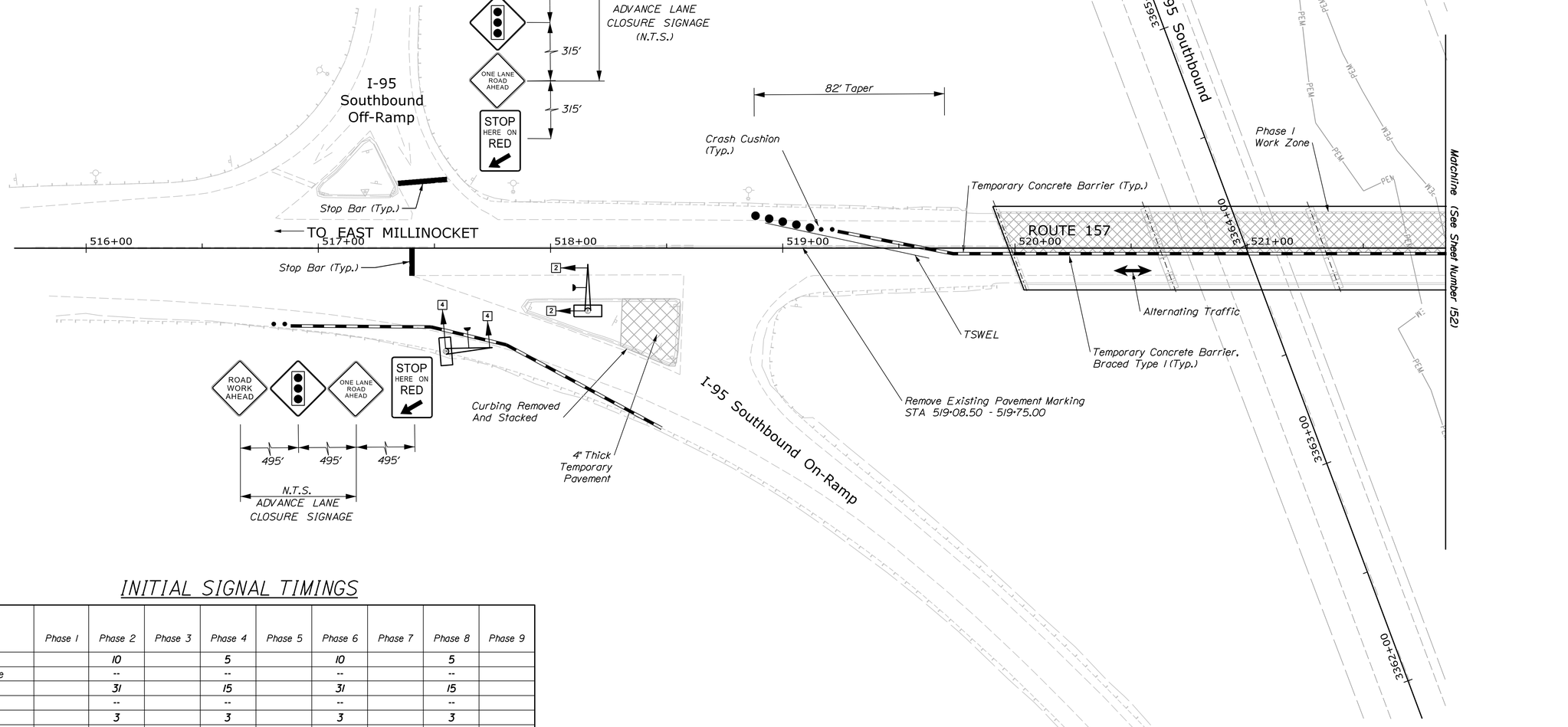
Signal Head

Video Detector

24" Stop Bar - Painted







INITIAL SIGNAL TIMINGS

	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	Phase 9
Min Initial		10		5		10		5	
Passage Time		--		--		--		--	
Max I		31		15		31		15	
Max II		--		--		--		--	
Yellow		3		3		3		3	
Red		28		2		28		2	
Walk / Don't Walk		--		--		--		--	
Recall		Soft		Off		Off		Off	
Detector		--		--		--		--	
Flash		Y		R		R		R	

PHASE I PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
ROUTE 157 - PHASE 1

SHEET NUMBER

151

OF 168

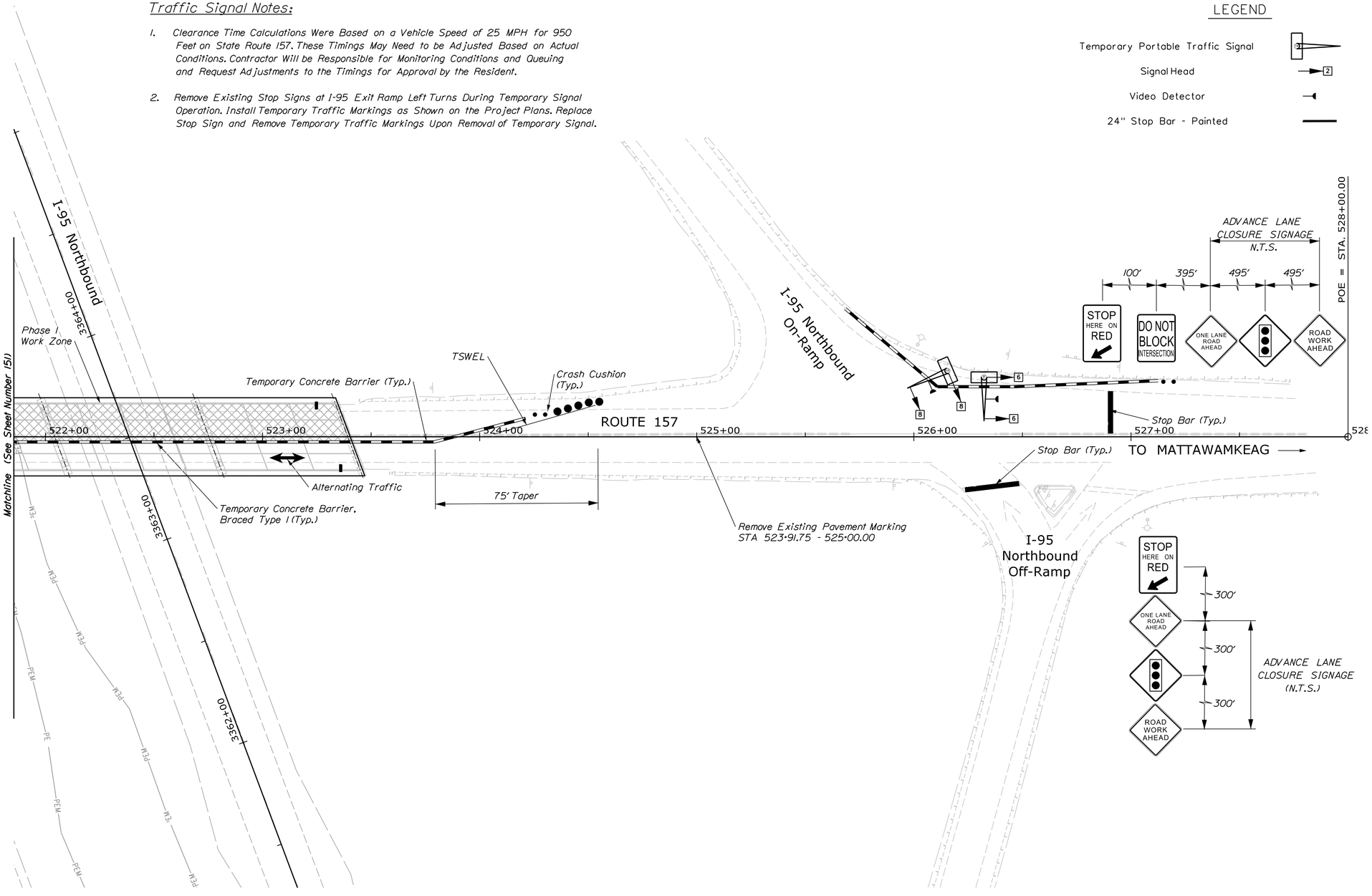
Traffic Signal Notes:

1. Clearance Time Calculations Were Based on a Vehicle Speed of 25 MPH for 950 Feet on State Route 157. These Timings May Need to be Adjusted Based on Actual Conditions. Contractor Will be Responsible for Monitoring Conditions and Queuing and Request Adjustments to the Timings for Approval by the Resident.

2. Remove Existing Stop Signs at I-95 Exit Ramp Left Turns During Temporary Signal Operation. Install Temporary Traffic Markings as Shown on the Project Plans. Replace Stop Sign and Remove Temporary Traffic Markings Upon Removal of Temporary Signal.

LEGEND

- Temporary Portable Traffic Signal
- Signal Head
- Video Detector
- 24" Stop Bar - Painted



Filename: ...\Sheet Files\080_TCPlan_03.dgn Division: Username: jfitzpatrick Date:10/3/2023

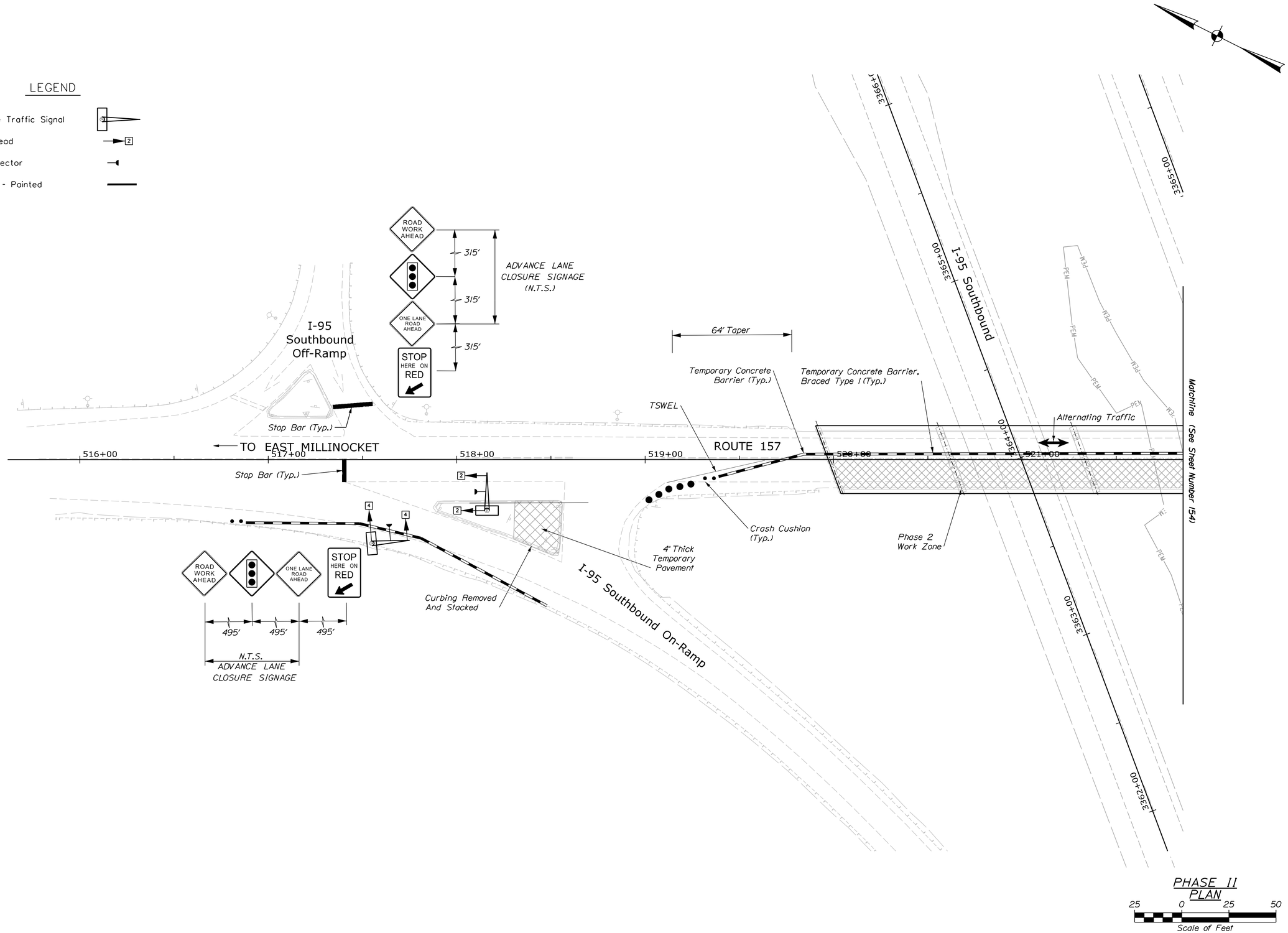
LEGEND

Temporary Portable Traffic Signal

Signal Head

Video Detector

24" Stop Bar - Painted



PHASE II PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03 BRIDGE PLANS

BRIDGE NO. 6141

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
ROUTE 157 - PHASE 2

SHEET NUMBER

153

OF 168

Filename: ...\Sheet Files\V081_TCPlan_04.dgn Division: Username: jfitzpatrick Date:10/3/2023

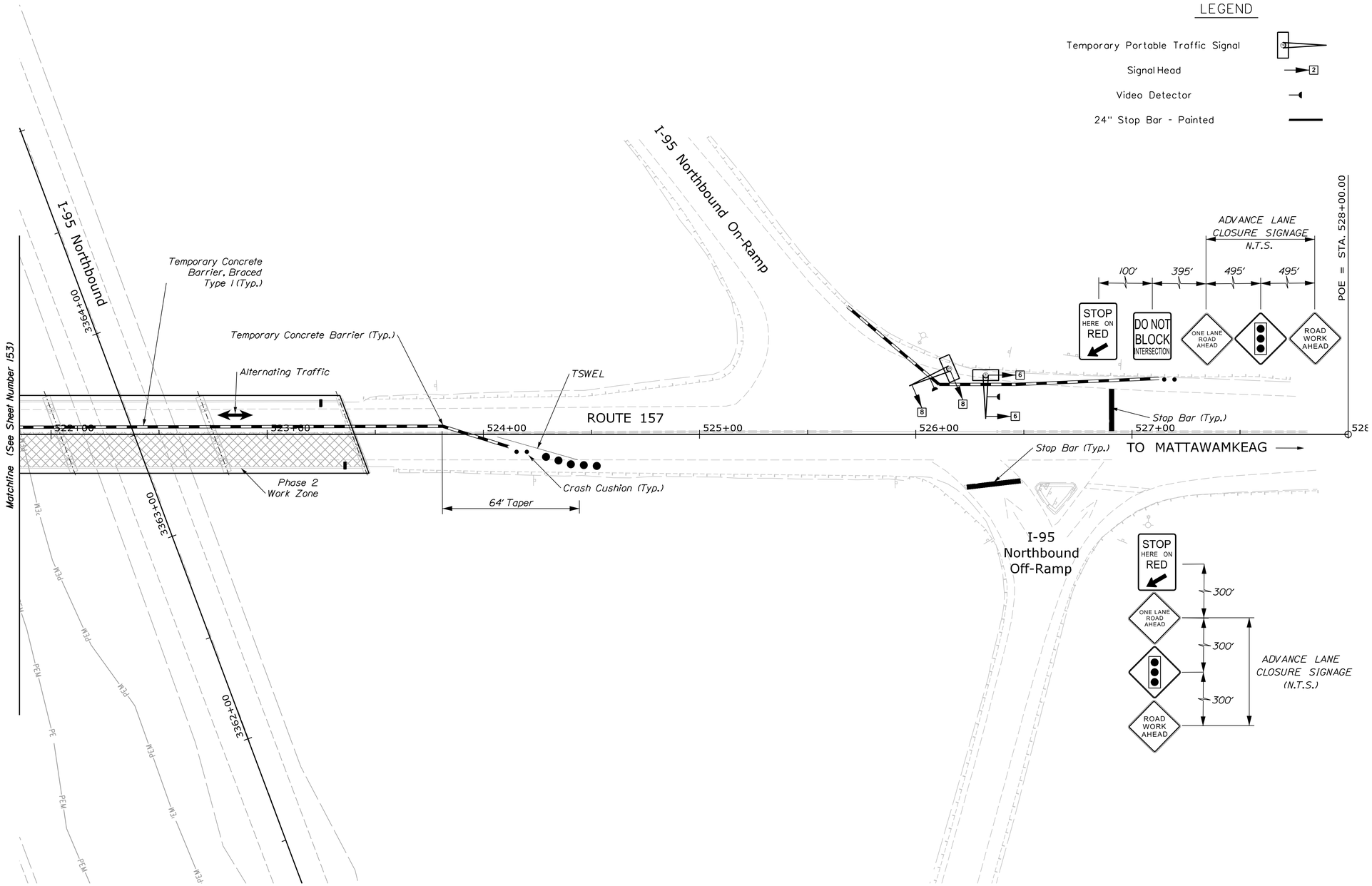
LEGEND

Temporary Portable Traffic Signal

Signal Head

Video Detector

24" Stop Bar - Painted



PHASE II PLAN

25 0 25 50

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08/23
DESIGN-DETAILED	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	08/23
DESIGN2-DETAILED2	B. COLBURN	
DESIGN3-DETAILED3	N. EDMAN	
REVISIONS 1	J. FITZ	
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

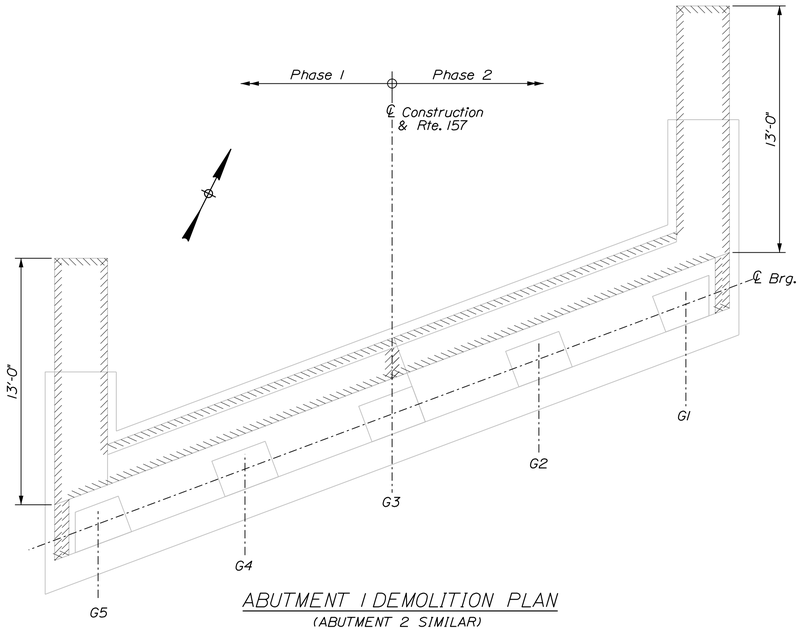
MEDWAY PENOBSCOT COUNTY

TRAFFIC CONTROL PLANS
ROUTE 157 - PHASE 2

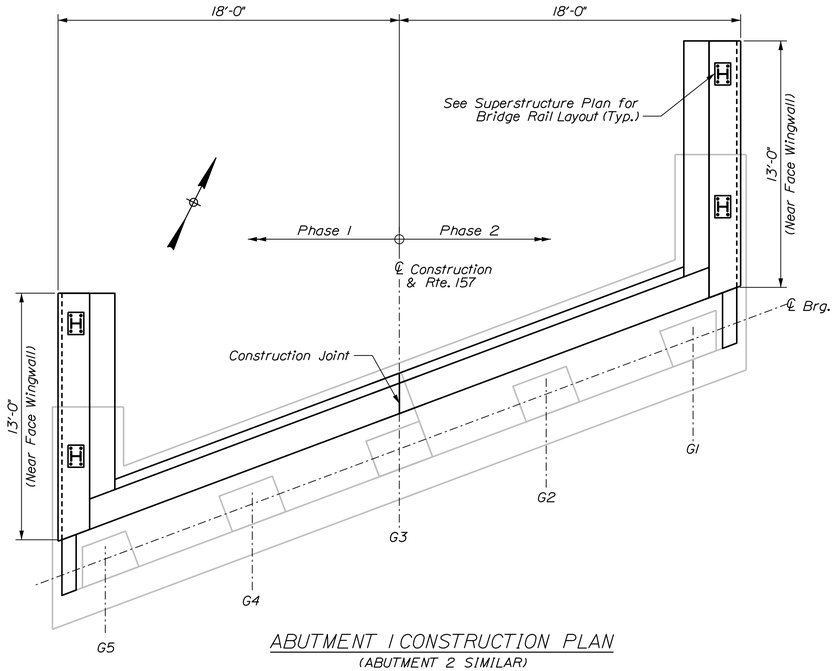
SHEET NUMBER

154

OF 168



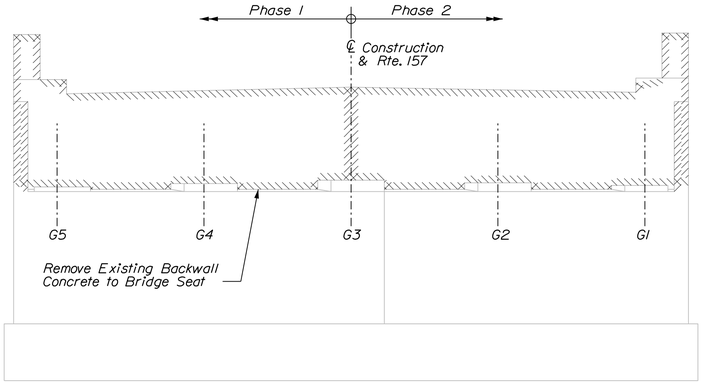
ABUTMENT I DEMOLITION PLAN
(ABUTMENT 2 SIMILAR)



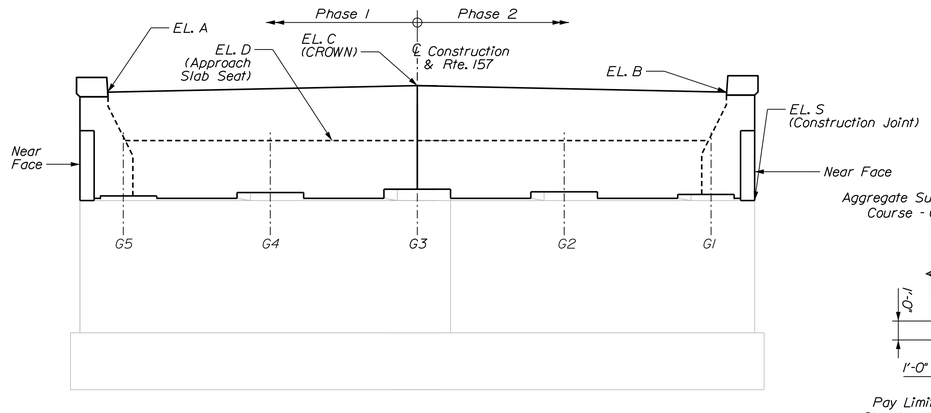
ABUTMENT I CONSTRUCTION PLAN
(ABUTMENT 2 SIMILAR)

ABUTMENT AND WINGWALL MODIFICATION NOTES

1. The Contractor shall use care not to damage any existing reinforcing steel which is to remain. Any damaged reinforcing steel shall be replaced as directed by the Resident at no expense to the Department.
2. Before drilling and grouting new reinforcing steel, the Contractor shall locate reinforcing steel in existing concrete by non-destructive methods to avoid conflicts. All costs associated with this work shall be incidental to related Contract Items.
3. Reinforcing steel shall have 2 inches cover unless otherwise noted.
4. Existing abutment and wingwall concrete to be removed as shown on the plans shall be sawcut 1 inch deep prior to removal of existing concrete. All costs associated with this work shall be incidental to related Contract items.
5. Where drilling and anchoring of reinforcement is required, the Contractor shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval. Payment for drilling and anchoring will be incidental to related Contract items.
6. Dimensions and layout shown are based on available as-built drawings. Contractor shall field verify all dimensions prior to any related work.
7. All surfaces to be rehabilitated shall be clean of all debris and foreign material and shall be roughened to the ¼" amplitude prior to placement of the new concrete. Payment shall be incidental to related concrete items.
8. Projecting reinforcing that can be maintained may be left in place at Contractor's discretion.
9. Cover joints where waterstops are not required in accordance with Standard Details Section 502.



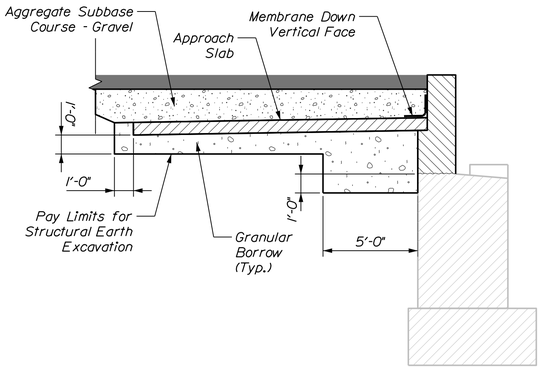
ABUTMENT I DEMOLITION ELEVATION
(ABUTMENT 2 SIMILAR)



ABUTMENT I CONSTRUCTION ELEVATION
(ABUTMENT 2 SIMILAR)

Route 157 over I-95 Substructure Elevations								
Abutment	EL. A		EL. B		EL. C		EL. D	EL. S*
	NF	FF	NF	FF	NF	FF		
1	325.43	325.45	325.53	325.54	325.82	325.83	322.92	320.34
2	321.76	321.74	321.59	321.57	322.02	321.99	319.08	316.67

NF = Near Face FF= Far Face
*Elevation to coincide with the existing construction joint elevation. Elevations provided are approximated from the existing bridge plans. To be field verified.



ABUTMENT BACKFILL DETAIL
Abutment Detail Shown, Wingwall Detail Similar

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03 BRIDGE PLANS

BRIDGE NO. 6141

PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

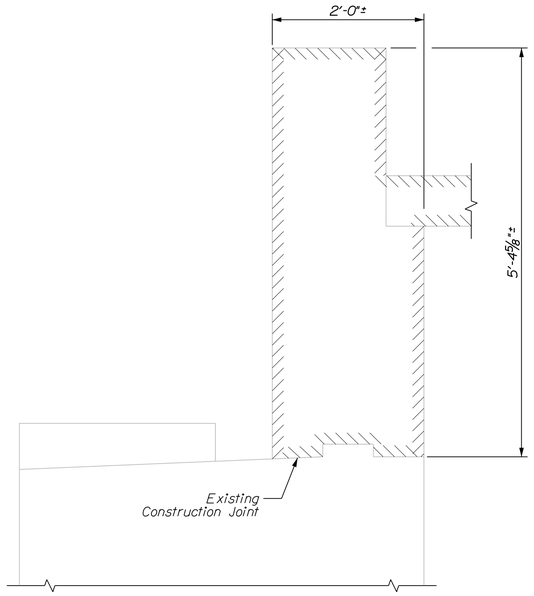
MEDWAY PENOBSCOT COUNTY

ABUTMENT MODIFICATIONS

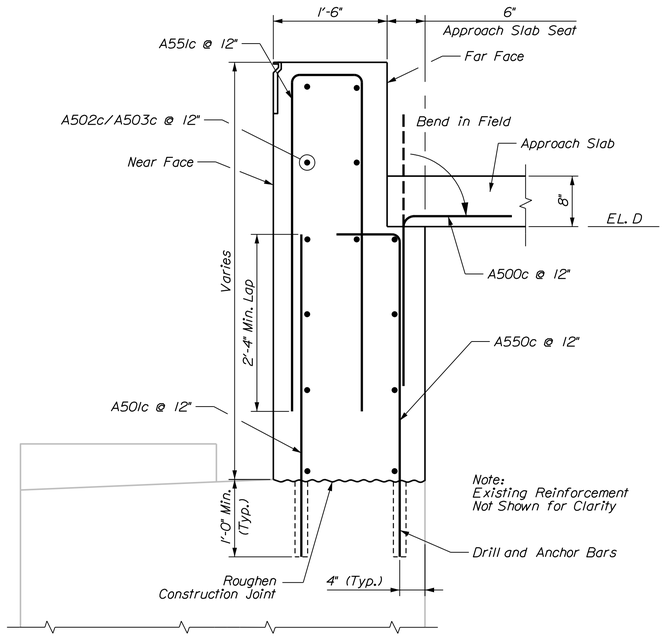
SHEET NUMBER
155
OF 168

Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\039_157_Abutment.dgn

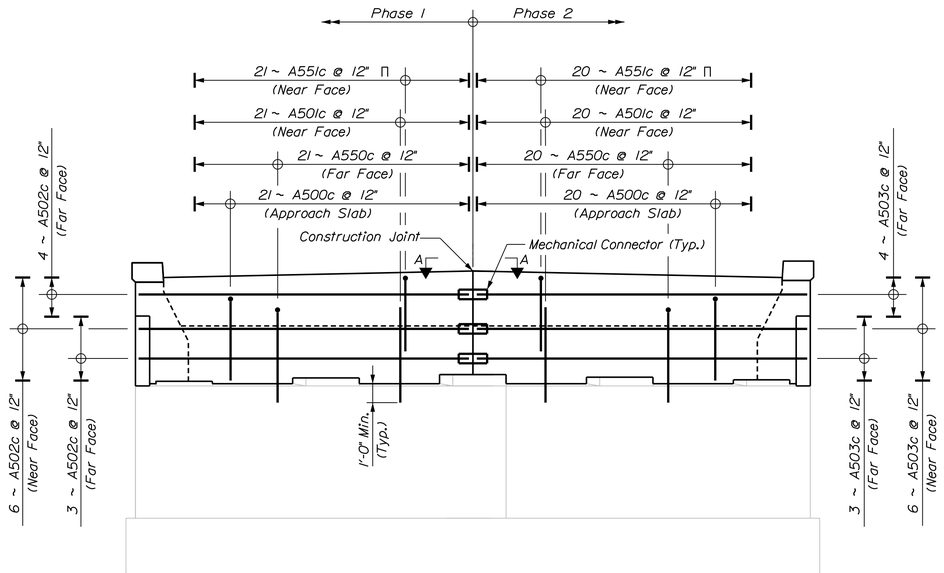
Username: jfitzpatrick Date:10/3/2023
Division:
Filename: ...\040_157_Abutment.dgn



ABUTMENT DEMOLITION SECTION

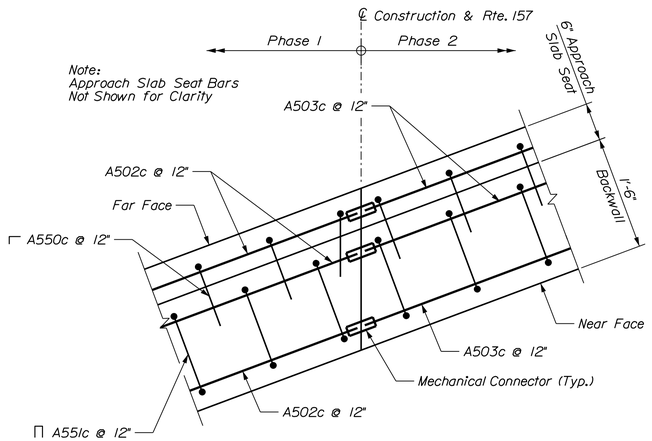


ABUTMENT CONSTRUCTION SECTION



Note:
Existing Reinforcement
Not Shown for Clarity

ABUTMENT 1 REINFORCEMENT ELEVATION
(ABUTMENT 2 SIMILAR)



VIEW A-A
(AT ABUTMENT 1)
(ABUTMENT 2 SIMILAR)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

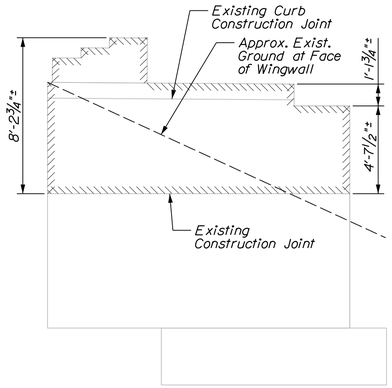
ABUTMENT MODIFICATIONS

SHEET NUMBER

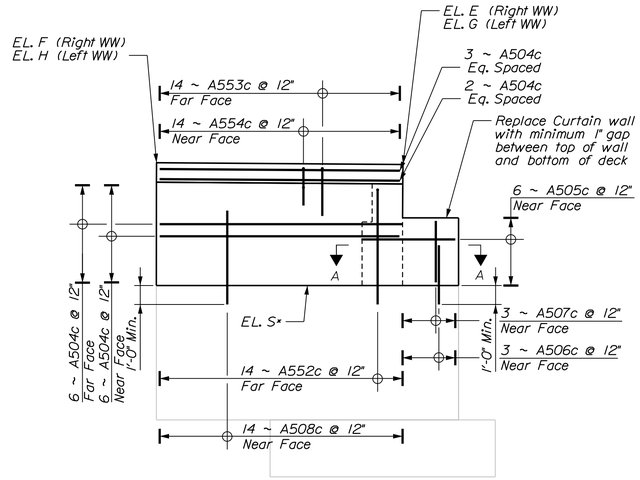
156

OF 168

Filename: ...\041_157_Wingwall.dgn Division: Username: jfitzpatrick Date:10/3/2023

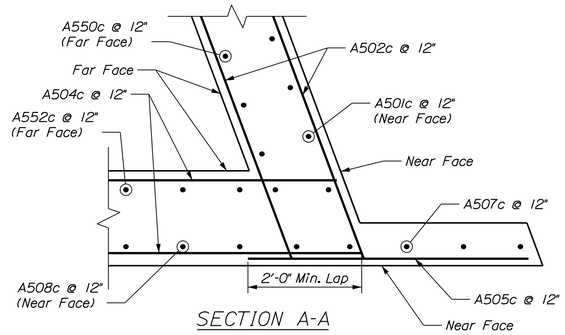


WINGWALL DEMOLITION ELEVATION

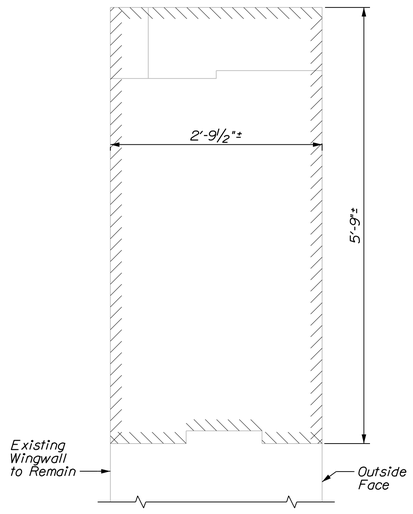


WINGWALL CONSTRUCTION ELEVATION

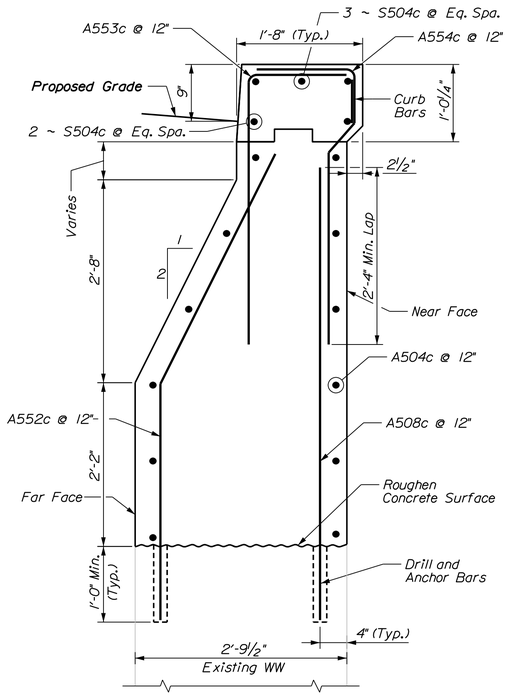
Route 157 over I-95 Wingwall Elevations				
Abutment	EL. E	EL. F	EL. G	EL. H
1	326.18	326.28	326.28	326.38
2	322.34	322.08	322.52	322.34



SECTION A-A

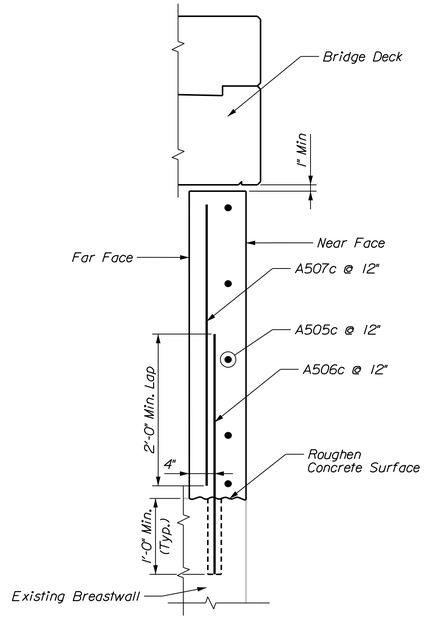


WINGWALL DEMOLITION SECTION



WINGWALL CONSTRUCTION SECTION

(All Wingwalls Similar)



CURTAINWALL CONSTRUCTION SECTION

(All Curtainwalls Similar)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03 BRIDGE PLANS

BRIDGE NO. 6141

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	08-23
DESIGN-DETAILED	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

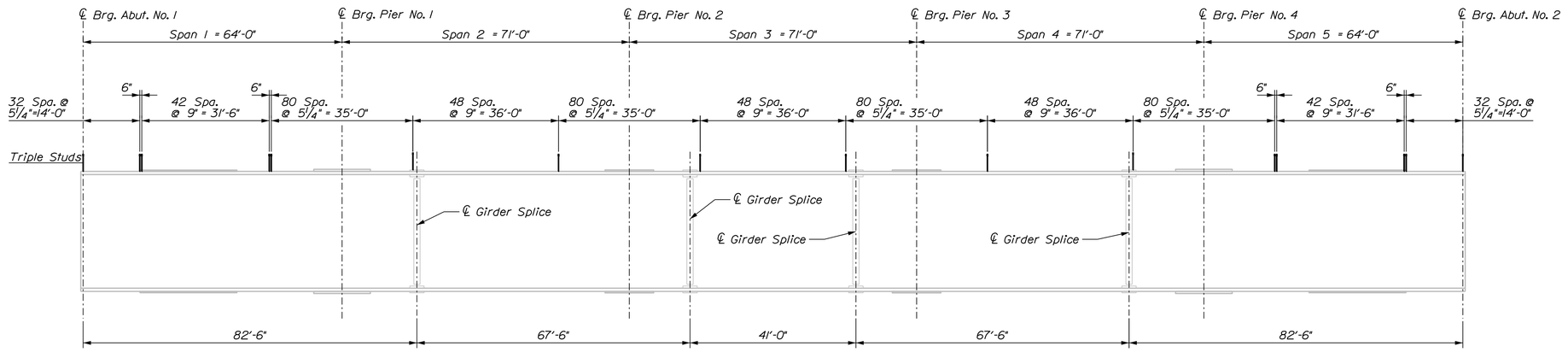
MEDWAY PENOBSCOT COUNTY

WINGWALL MODIFICATIONS

SHEET NUMBER

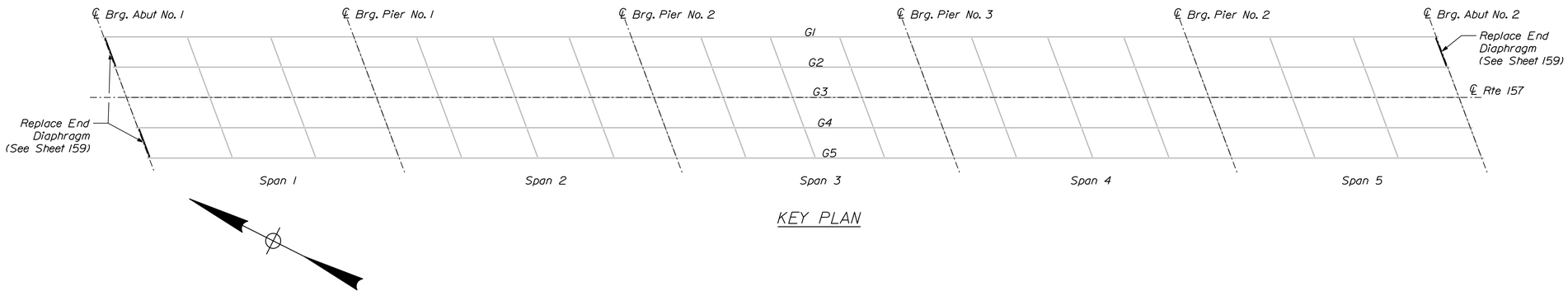
157

OF 168

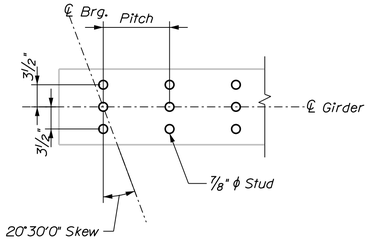


SHEAR CONNECTOR LAYOUT

185I (6I7 x 3 Rows) Studs Per Girder
(9255 Studs Total)



KEY PLAN



SHEAR CONNECTOR DETAIL

SHEAR CONNECTOR NOTES

1. Dimensions are measured along centerline of the girder.
2. Prior to installing the proposed shear studs, the Contractor shall clean the top flange so that it is free of debris, rust, scale, oil and other contaminates that would adversely affect the welding operation. Payment for cleaning the top flange for installation of proposed shear studs shall be incidental to Item 505.08, Shear Connectors. Existing steel may be coated with a lead-based paint system. See General Notes for more information.
3. The proposed shear studs shall be ⅞" diameter. Studs shall penetrate into the deck a minimum of 2" and maintain a clear cover of 2" to the top of the studs.
4. If existing shear connectors are present, they shall be removed such that they project 1 inch maximum above the top of the existing top flange unless they conflict with the installation of the new shear connectors or any other work. If the existing shear connectors interfere with installation of the new shear connectors or any other work, they shall be removed completely and ground flush with the top flange. All costs associated with this work shall be incidental to related Contract items.
5. Pitch spacing may be adjusted at bolted splices to avoid splice bolts.

STATE OF MAINE
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PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

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DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY — PENOBSCOT COUNTY

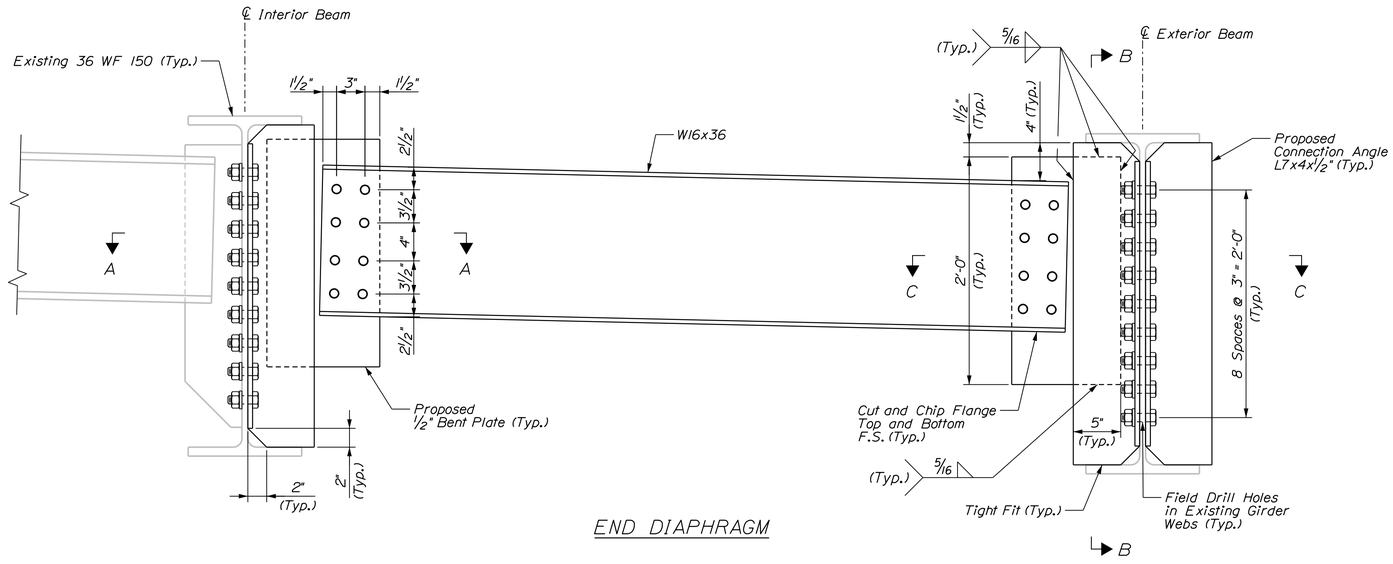
KEY PLAN & SHEAR CONNECTOR LAYOUT

SHEET NUMBER

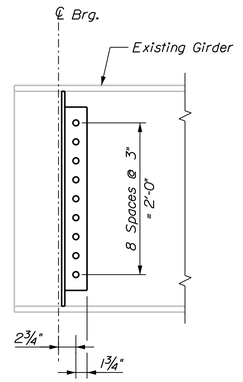
158

OF 168

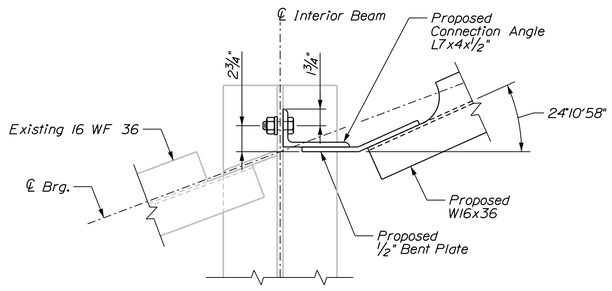
Filename: ...\043_157_Shear_Connectors.dgn Division: Username: jfitzpatrick Date:10/3/2023



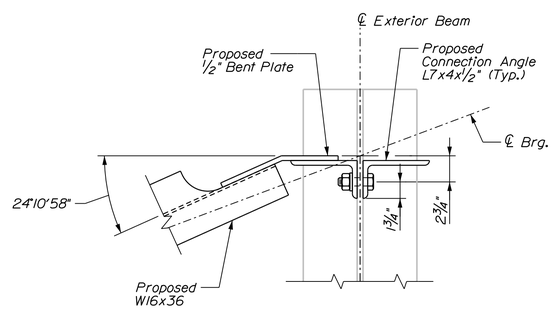
END DIAPHRAGM



SECTION B-B



SECTION A-A



SECTION C-C

NOTES

1. Replace three End Diaphragms and associated connection plates as shown on Key Plan.
2. Connection angles shall be plumb after erection.
3. All bolts shall be ⅞" ϕ, ASTM F3125 Grade A325, Type 1, High Strength Bolts.
4. Proposed Structural Steel shall be coated in accordance with Standard Specifications Section 506, Shop Applied Protective Coating - Steel (Zinc Rich Coating System), except NEPCOAT Qualified Product List C may be used. Payment for the coating will be incidental to Pay Item 504.70.
5. Shop drill 15/16" ϕ holes in diaphragms, bent plates, and connection angles. Field drill 1 1/16" ϕ oversized holes in existing girders to match connection angles.
6. Contractor shall field measure existing girders to provide tight fit of connection angles against girder flanges.
7. Proposed steel contact surfaces shall be cleaned in accordance with Pay Item 506.1775 Field Painting, New and Existing Steel with Zinc Rich Paint.
8. Payment for field measuring and field drilling shall be incidental to Pay Item 504.71, "Structural Steel Erection".

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
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DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

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ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY — PENOBSCOT COUNTY

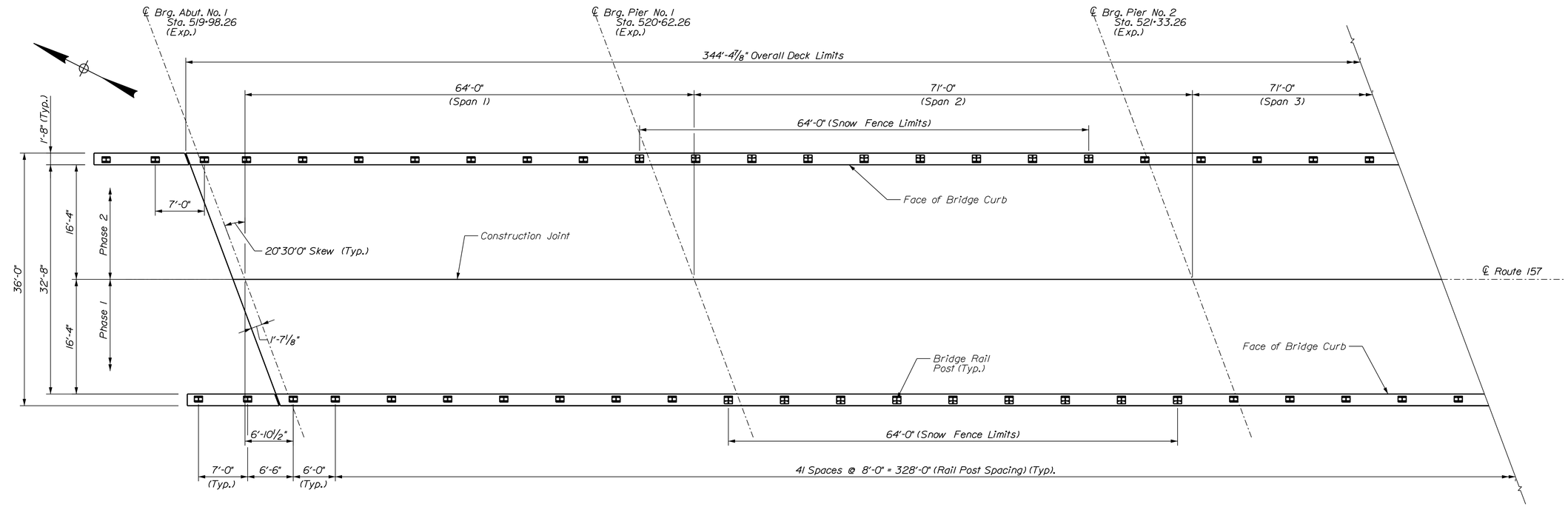
STRUCTURAL STEEL DETAILS

SHEET NUMBER

159

OF 168

Filename: ...\042_157_End Diaphram Details.dgn Division: Username: jfitzpatrick Date:10/3/2023



SUPERSTRUCTURE PLAN

SUPERSTRUCTURE NOTES

1. The theoretical blocking used for design of the structure is 2 inches at the centerlines of bearing of the abutments and piers as measured from the top of the rolled beam flange. Refer to Standard Detail 502(03) for blocking details.
2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
3. Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.
4. The superstructure slab concrete shall be placed continuously and shall be kept plastic until the entire placement has been made.
5. Precast Concrete Deck Panels are not allowed on this project.
6. All reinforcement shall be Low-Carbon Chromium unless otherwise noted.
7. Contractor shall stagger the splice locations of the longitudinal bars.
8. Threaded dowels associated with mechanical couplers shall be paid for incidental to the Pay Item 503.17 Mechanical/Welded Splice.

STATE OF MAINE
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WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

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ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

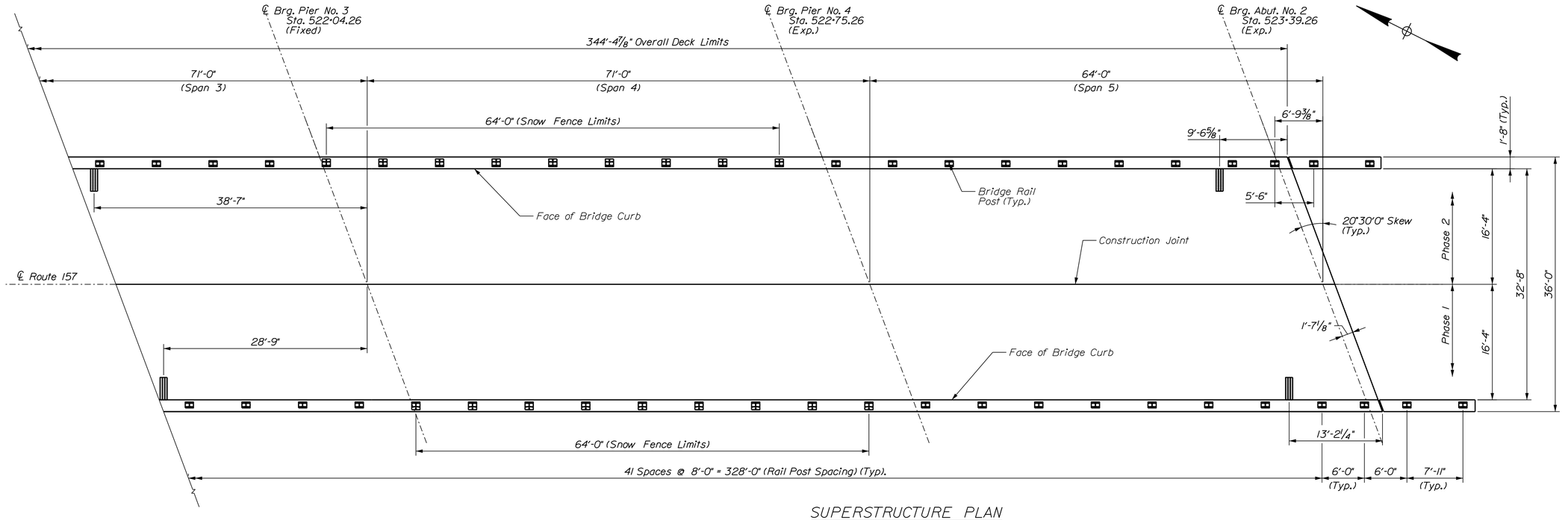
SUPERSTRUCTURE PLAN

SHEET NUMBER

160

OF 168

Filename: ...\044_157_Superstructure_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023



SUPERSTRUCTURE PLAN

GIRDER	BOTTOM OF SLAB ELEVATIONS																				
	CL BRG. ABUT. NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 1	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 2
G1	324.59	324.56	324.52	324.48	324.43	324.38	324.32	324.25	324.19	324.12	324.06	324.00	323.94	323.88	323.82	323.76	323.69	323.61	323.53	323.46	323.38
G2	324.73	324.70	324.66	324.62	324.57	324.52	324.46	324.39	324.33	324.26	324.20	324.13	324.08	324.02	323.96	323.89	323.82	323.75	323.67	323.59	323.51
G3	324.87	324.84	324.80	324.76	324.71	324.66	324.60	324.53	324.46	324.40	324.33	324.27	324.21	324.15	324.09	324.03	323.96	323.88	323.80	323.72	323.65
G4	324.69	324.65	324.62	324.57	324.53	324.47	324.41	324.34	324.28	324.21	324.14	324.08	324.02	323.96	323.90	323.84	323.77	323.69	323.61	323.53	323.45
G5	324.50	324.47	324.43	324.38	324.33	324.28	324.22	324.15	324.09	324.02	323.96	323.89	323.83	323.77	323.71	323.64	323.57	323.50	323.42	323.34	323.26

GIRDER	BOTTOM OF SLAB ELEVATIONS																				
	CL BRG. PIER NO. 2	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 3	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. PIER NO. 4
G1	323.38	323.31	323.25	323.18	323.11	323.04	322.96	322.87	322.78	322.69	322.61	322.53	322.45	322.37	322.29	322.21	322.12	322.02	321.92	321.83	321.73
G2	323.51	323.45	323.38	323.32	323.25	323.17	323.09	323.00	322.91	322.82	322.73	322.65	322.58	322.50	322.42	322.33	322.24	322.15	322.05	321.95	321.86
G3	323.65	323.58	323.51	323.45	323.38	323.30	323.22	323.13	323.04	322.95	322.86	322.78	322.70	322.63	322.55	322.46	322.37	322.27	322.17	322.08	321.98
G4	323.45	323.38	323.32	323.25	323.18	323.11	323.03	322.94	322.85	322.75	322.67	322.58	322.51	322.43	322.35	322.26	322.17	322.07	321.97	321.88	321.78
G5	323.26	323.19	323.12	323.06	322.99	322.91	322.83	322.74	322.65	322.56	322.47	322.39	322.31	322.23	322.15	322.06	321.97	321.87	321.78	321.68	321.58

GIRDER	BOTTOM OF SLAB ELEVATIONS										
	CL BRG. PIER NO. 4	0.1 x L	0.2 x L	0.3 x L	0.4 x L	0.5 x L	0.6 x L	0.7 x L	0.8 x L	0.9 x L	CL BRG. ABUT. NO. 2
G1	321.73	321.66	321.58	321.51	321.43	321.35	321.26	321.17	321.07	320.97	320.87
G2	321.86	321.78	321.71	321.63	321.56	321.48	321.42	321.30	321.20	321.10	320.99
G3	321.98	321.90	321.83	321.76	321.68	321.60	321.54	321.42	321.32	321.22	321.11
G4	321.78	321.70	321.63	321.56	321.48	321.40	321.34	321.22	321.12	321.01	320.90
G5	321.58	321.50	321.43	321.35	321.27	321.19	321.10	321.01	320.91	320.81	320.70

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

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DESIGN3-DETAILED3			
REVISIONS 1			
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FIELD CHANGES			

SIGNATURE

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ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

SUPERSTRUCTURE PLAN

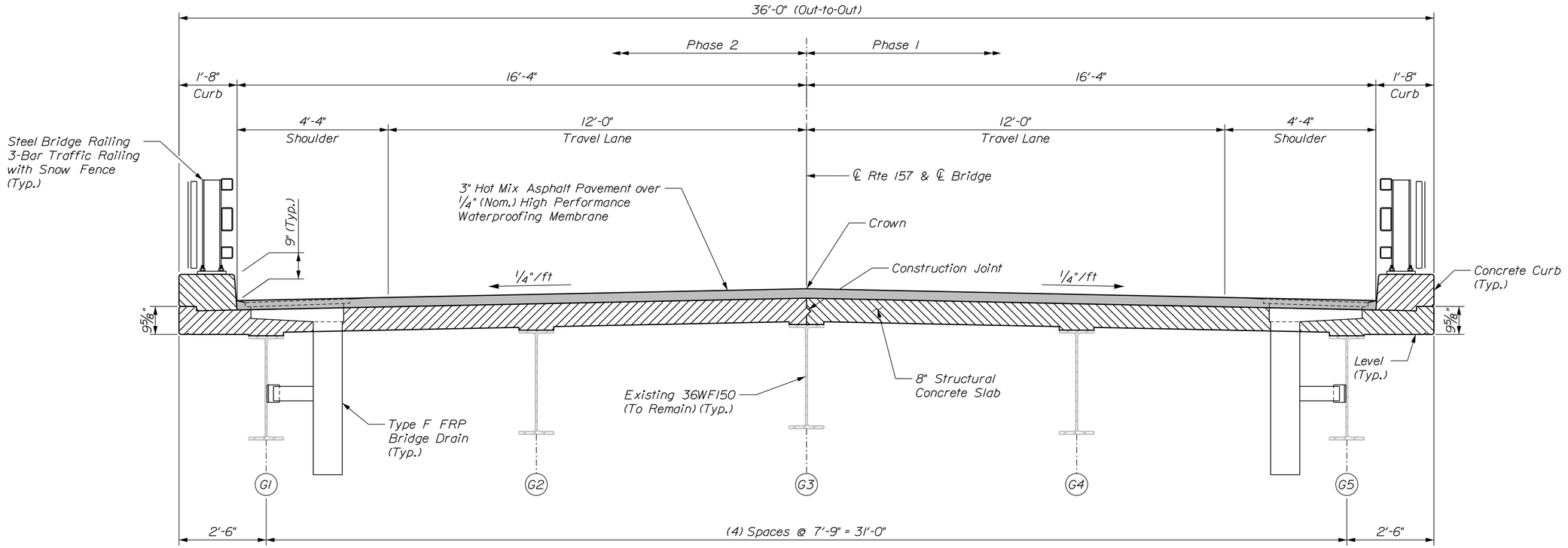
SHEET NUMBER

161

OF 168

Username: jfitzpatrick Date:10/3/2023

Filename: ...\045_157_Superstructure_Plan.dgn Division:



TRANSVERSE SECTION (ROUTE 157)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

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PROJ. MANAGER			
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P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141

MEDWAY PENOBSCOT COUNTY

TRANSVERSE SECTION

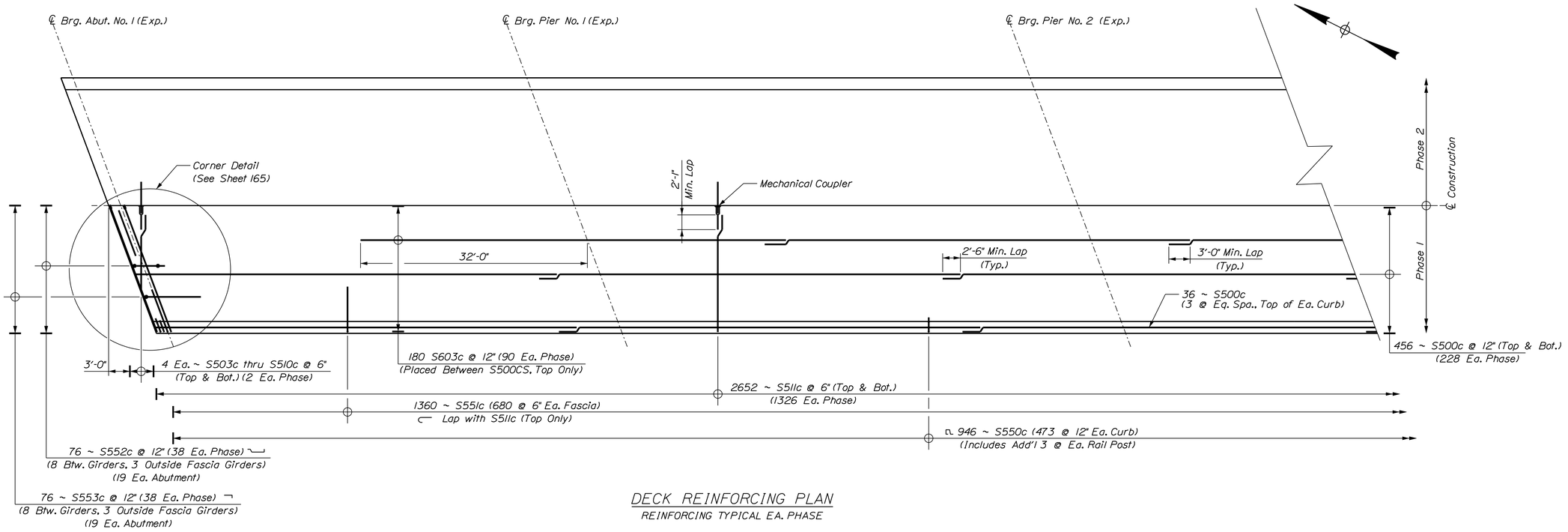
SHEET NUMBER

162

OF 168

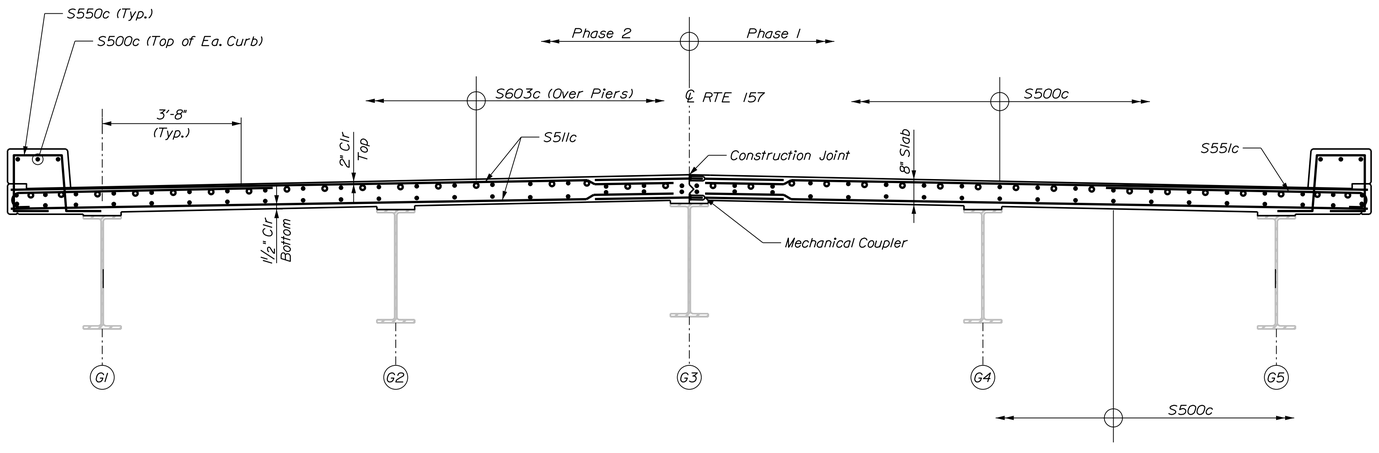
Username: jfitzpatrick Date:10/3/2023

Filename: ...\046_157_Transverse_Section.dgn Division:



DECK REINFORCING PLAN

REINFORCING TYPICAL EA. PHASE



TRANSVERSE SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08-23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08-23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08-23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

DECK REINFORCING

SHEET NUMBER

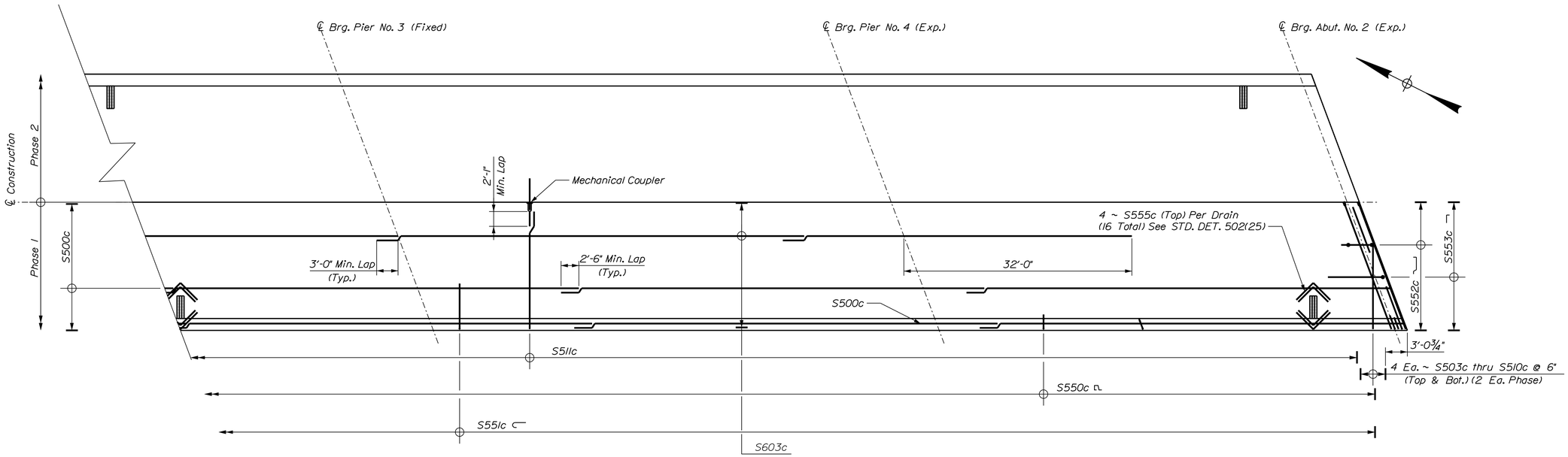
163

OF 168

Username: jfitzpatrick Date:10/3/2023

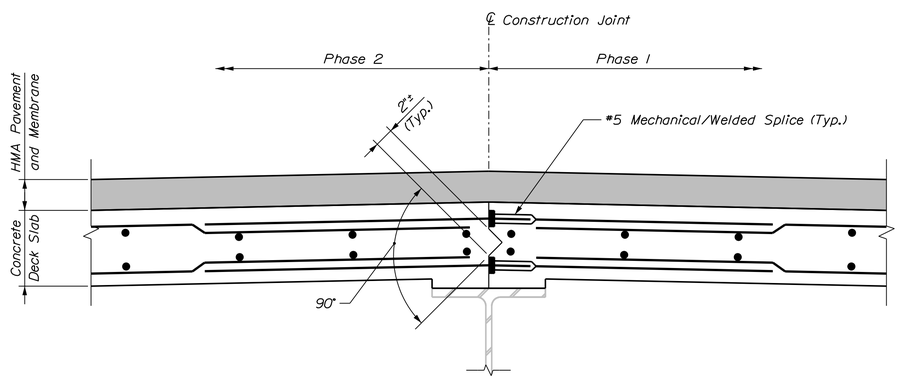
Division:

Filename: ...\047_157_Reinforcing_Plan.dgn



DECK REINFORCING PLAN

REINFORCING TYPICAL EA. PHASE



LONGITUDINAL CONSTRUCTION JOINT DETAIL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

	BY	DATE
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
PROJ. MANAGER		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

DECK REINFORCING

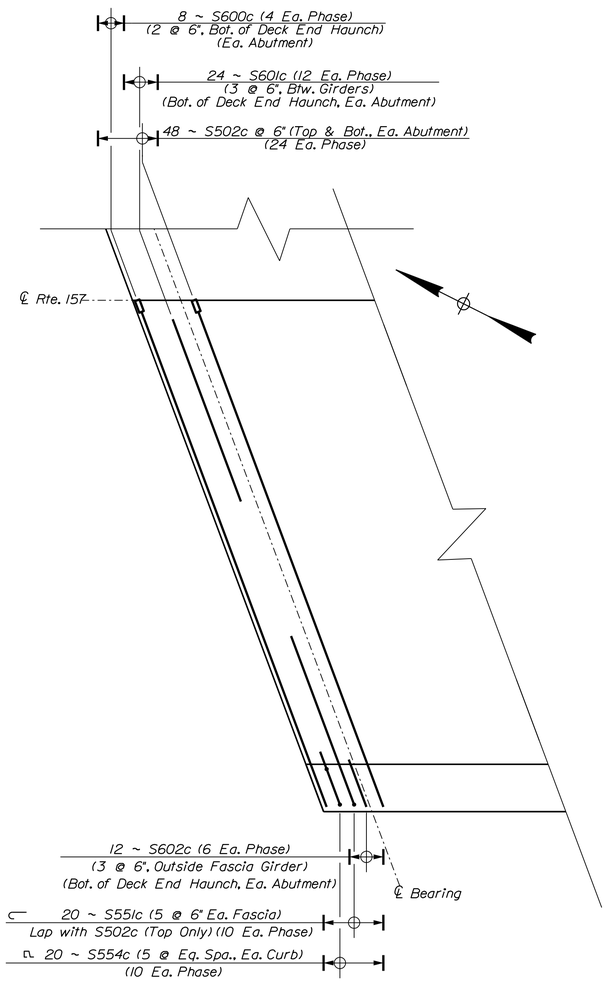
SHEET NUMBER

164

OF 168

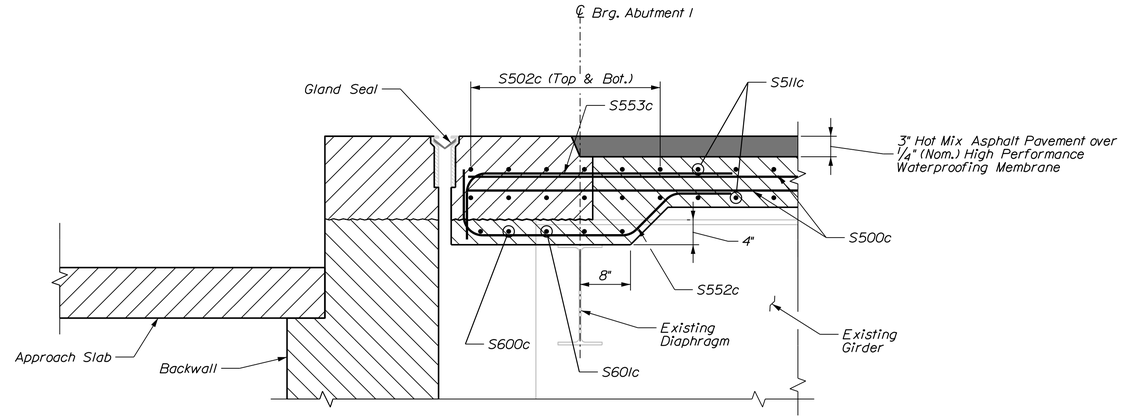
Filename: ...\048_157_Reinforcing_Plan.dgn Division: Username: jfitzpatrick Date:10/3/2023

Filename: ...\049_157_Superstructure_Details.dgn Division:
Username: jfitzpatrick Date:10/3/2023



CORNER DETAIL

Typical All (4) Corners



ABUTMENT DECK END SECTION

(PARALLEL TO GIRDER)
(ABUTMENT NO. 1 SHOWN, ABUTMENT NO. 2 SIMILAR)

GLAND SEAL NOTES

1. *The gland seals to be furnished shall have minimum Movement Ratings as follows:*

   Abutment No. 1 = 2.75 Inches
   Abutment No. 2 = 2 Inches

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE NO. 6141

BRIDGE PLANS

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PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	T. MCAULIFFE	08-23
DESIGN2-DETAILED2	N. EDMAN	08-23
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT COUNTY

SUPERSTRUCTURE DETAILS

SHEET NUMBER

165

OF 168

STRAIGHT BARS								BENT BARS															
MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
Superstructure								Superstructure														
S500c	492	59'-6"	Deck Longitudinal					S550c	946	5'-8"	SC	10"	1'-4"	1'-3"	1'-5"			10"		1'-4"		Curb Stirrup
S502c	48	18'-10"	Deck Transverse (End of Deck)					S551c	1380	6'-8"	J	6'-1"	7"						5"			Deck Overhang
S503c	8	7'-3"	Deck Transverse (End of Deck)					S552c	76	4'-6"	SJ	10"	9"	2'-1"	10"	0"						Deck End
S504c	8	8'-7"	Deck Transverse (End of Deck)					S553c	76	4'-3"	L	3'-6"	9"									Deck End
S505c	8	9'-11"	Deck Transverse (End of Deck)					S554c	20	7'-3"	SC	1'-8"	1'-10"	1'-4"	1'-7"			10"		1'-6"		Deck End Curb Stirrups
S506c	8	11'-3"	Deck Transverse (End of Deck)					S555c	16	6'-0"	L	3'-0"	3'-0"									Drains
S507c	8	12'-7"	Deck Transverse (End of Deck)																			
S508c	8	13'-11"	Deck Transverse (End of Deck)					Abutment No. 1														
S509c	8	15'-3"	Deck Transverse (End of Deck)					A550c	41	4'-2"	L	3'-4"	10"									Drill and Anchor
S510c	8	16'-7"	Deck Transverse (End of Deck)					A551c	41	12'-2"	U		5'-6"	1'-2"	5'-6"							Backwall
S511c	2652	17'-8"	Deck Transverse (End of Deck)					A552c	28	6'-2"	V				3'-2"	3'-0"			1'-4"			WW Drill and Anchor
								A553c	28	4'-7"	L	3'-3"	1'-4"									WW Curb
S600c	8	18'-10"	Deck End					A554c	28	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
S601c	24	6'-10"	Deck End																			
S602c	12	1'-11"	Deck End																			
S603c	180	57'-10"	Deck Longitudinal					Abutment No. 2														
								B550c	41	4'-0"	L	3'-2"	10"									Drill and Anchor
								B551c	41	12'-2"	U		5'-6"	1'-2"	5'-6"							Backwall
Approach Slab								B552c	28	6'-2"	V				3'-2"	3'-0"			1'-4"			WW Drill and Anchor
AS501b	64	15'-1"	Approach Slab Transverse					B553c	28	4'-7"	L	3'-3"	1'-4"									WW Curb
								B554c	28	5'-3"	SJ	2'-10"	7"	6"	1'-4"	0"						WW Curb Stirrup
AS601b	116	15'-2"	Approach Slab Longitudinal																			
Abutment No. 1																						
A500c	41	3'-4"	Bend in Field																			
A501c	41	3'-4"	Drill and Anchor																			
A502c	13	19'-1"	BW Longitudinal Phase 1																			
A503c	13	18'-4"	BW Longitudinal Phase 2																			
A504c	34	12'-8"	WW Longitudinal																			
A505c	12	3'-11"	Curtainwall Longitudinal																			
A506c	6	3'-2"	Curtainwall Drill and Anchor																			
A507c	6	4'-5"	Curtainwall Vertical																			
A508c	28	5'-8"	WW Vertical																			
Abutment No. 2																						
B500c	41	3'-4"	Bend in Field																			
B501c	41	3'-2"	Drill and Anchor																			
B502c	13	19'-1"	BW Longitudinal Phase 1																			
B503c	13	18'-4"	BW Longitudinal Phase 2																			
B504c	34	12'-8"	WW Longitudinal																			
B505c	10	3'-11"	Curtainwall Longitudinal																			
B506c	6	3'-2"	Curtainwall Drill and Anchor																			
B507c	6	4'-0"	Curtainwall Vertical																			
B508c	28	5'-3"	WW Vertical																			

TYPE - BENDING DIAGRAMS

All dimensions are out-to-out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.

Plain Reinforcing Steel: ASTM A 615, Grade 60
Stainless Steel Reinforcing: ASTM A955, Grade 75
Glass Fiber Reinforced Polymer: ASTM D7957
Low-Carbon Chromium Steel: ASTM A1035, Type CS, Grade 100

GENERAL NOTES

1. The first digit(s) following the letter(s) of the mark indicate the size of the bar:

   Mark "A502" = bar size #5
   Mark "P805" = bar size #8
   Mark "S650" = bar size #6
   Mark "P1404" = bar size #14

2. The lower case letter following the bar number indicates the material of the bar.

   "A500b", b = (Black) Plain Steel
   "A550s", s = Stainless Steel
   "S500p", p = Glass Fiber Reinforced Polymer
   "P510c", c = Low-Carbon Chromium Steel

3. All reinforcement bars shall be Low-Carbon Chromium Steel except in the approach slabs. Approach slab reinforcement will be Plain Reinforcing Steel.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563103

WIN 25631.03

BRIDGE PLANS

BRIDGE NO. 6141

	BY	DATE
PROJ. MANAGER	S. LINDSLEY	E. MORRISON 08-23
DESIGN-DETAILED	T. MCAULIFFE	B. COLBURN 08-23
CHECKED-REVIEWED	N. EDMAN	J. FITZ 08-23
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ROUTE 157/I-95 INTERCHANGE BRIDGE
BRIDGE NO. 6141
MEDWAY PENOBSCOT

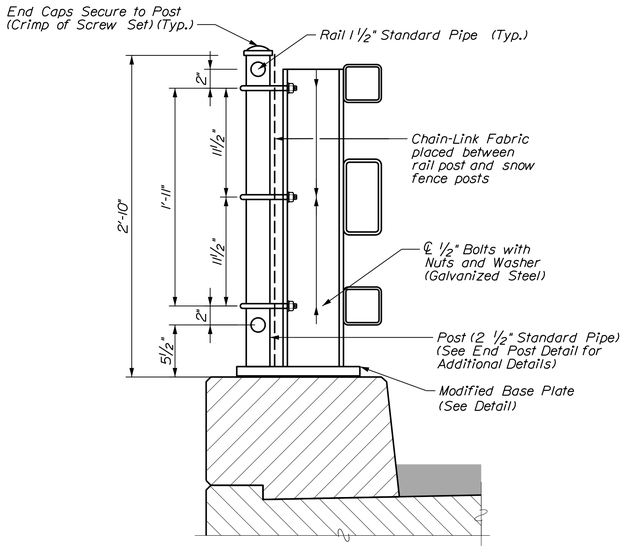
REINFORCING STEEL SCHEDULE

SHEET NUMBER

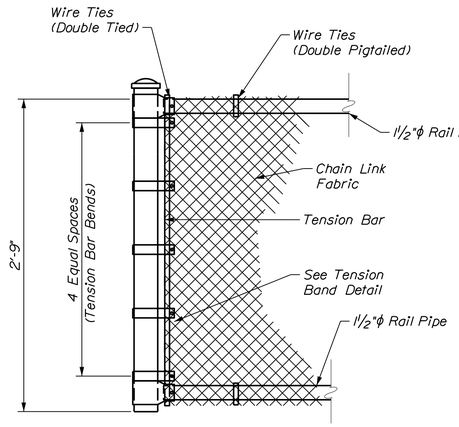
166

OF 168

Filename: ...\050_157_Reinf_Schedule.dgn Division: Username: jfitzpatrick Date:10/3/2023



SNOW FENCE CONNECTION DETAIL



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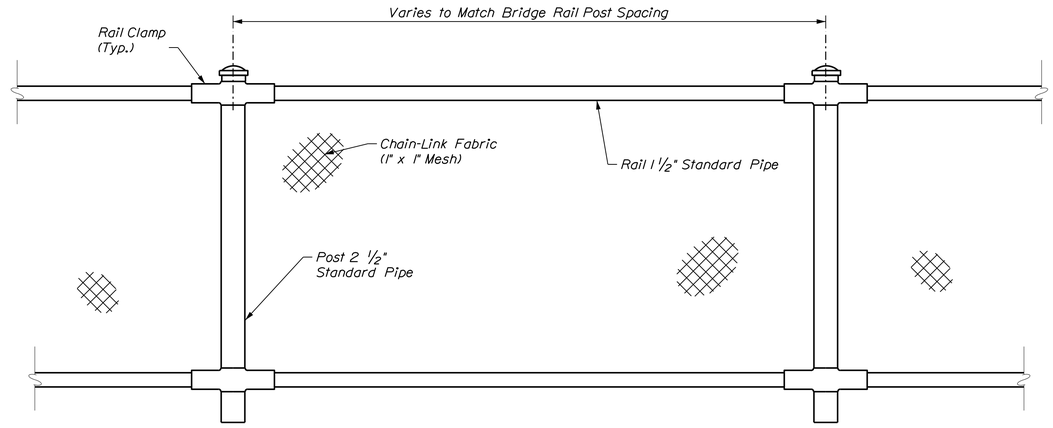
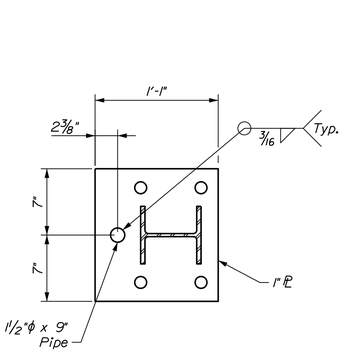


ELEVATION - SNOW FENCE



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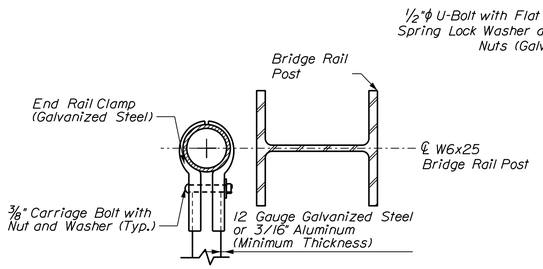
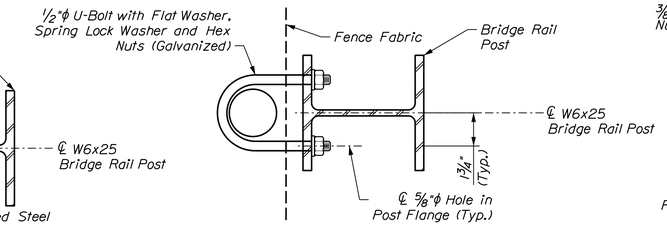
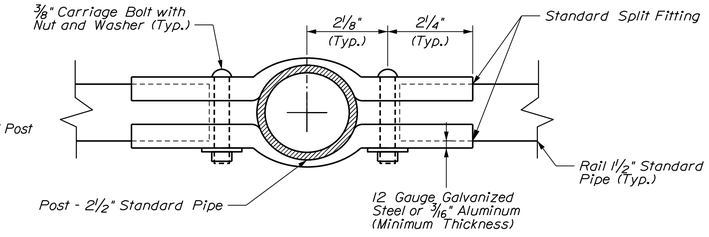


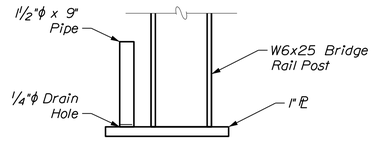
END POST SECTION
(U-Bolt Not Shown)



U-BOLT CONNECTION DETAIL



RAIL CLAMP DETAIL



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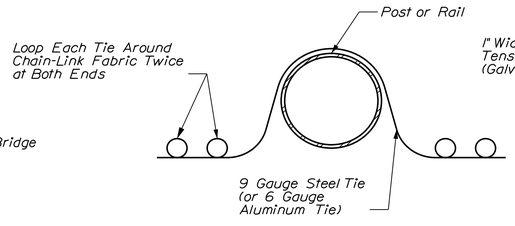
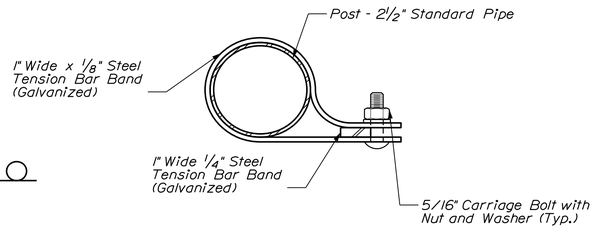


DOUBLE PIGTAILED TIE



TENSION BAND DETAIL

SNOW FENCE NOTES

1. Chain-Link fence shall conform to Section 710.03 and Special Provision Section 607. The size of wire mesh (fabric) shall be 1".
2. Post and rail pipe shall be hot-dip galvanized. All pipe shall be schedule 40, standard weight. Nominal pipe sizes are shown.
3. Tension bars, bar bands, boulevard and end rail clamps shall be steel or aluminum alloy conforming to AASHTO M181 (ASTM F626). Steel components shall be hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153) as applicable.
4. All bolts and nuts shall be steel conforming to ASTM A307 and ASTM A563 grade A respectively. Washers shall be hardened steel commercial type A plain and shall meet the dimensional requirements of ANSI B18.22. All bolts, nuts, and washers shall be hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153) as applicable.
5. Rail may be field cut (sawn) to fit post spacing. Repair galvanizing on cut edges in accordance with ASTM A780.
6. Payment for modified base plate will be considered incidental to related contract items.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2563101, 2563102, 2563103, 2563104, 2563105
WIN 25631.01, 25631.02, 25631.03
25631.04, 25631.05
BRIDGE NO. 1410, 1411, 6077, 6078, 6141
BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	S. LINDSLEY	08-23
CHECKED-REVIEWED	E. MORRISON	08-23
DESIGN2-DETAILED2	T. MCAULIFFE	08-23
DESIGN3-DETAILED3	B. COLBURN	08-23
REVISIONS 1	N. EDMAN	08-23
REVISIONS 2	J. FITZ	08-23
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

I-95 SB & NB VAUGHAN DAGGETT MEMORIAL BRIDGES,
I-95 SB & NB OVER ROUTE 116,
& ROUTE 157 INTERCHANGE BRIDGE
BRIDGE NOS. 1410, 6078, 1411, 6077, 6141
MEDWAY — PENOBSCOT COUNTY

SNOW FENCE DETAILS

SHEET NUMBER
167
OF 168

Filename: ...\063_Snow_Fence_Details.dgn Division: Username: jfitzpatrick Date:10/3/2023

Filename: ...\Sheet Files\144_Detour.dgn Username: jfitzpatrick Division: Date:10/3/2023

1. DETOUR AHEAD — 36" x 36"

2.
DETOUR	24" x 12"
NORTH	24" x 12"
MAIN ST.	24" x 24"
↑	21" x 15"

3.
DETOUR	24" x 12"
NORTH	24" x 12"
MAIN ST.	24" x 24"
←	21" x 15"

4.
END DETOUR	24" x 24"
NORTH	24" x 12"
MAIN ST.	24" x 24"

5.
DETOUR	24" x 12"
SOUTH	24" x 12"
MAIN ST.	24" x 24"
↑	21" x 15"

6.
DETOUR	24" x 12"
SOUTH	24" x 12"
BROAD--WAY	24" x 24"
→	21" x 15"

7.
DETOUR	24" x 12"
SOUTH	24" x 12"
MAIN ST.	24" x 24"
←	21" x 15"

8.
END DETOUR	24" x 24"
SOUTH	24" x 12"
MAIN ST.	24" x 24"

9. MAIN ST. UNDER I-95 — 66" x 12"
   ROAD CLOSED 0.55 MILES AHEAD LOCAL TRAFFIC ONLY — 60" x 30"

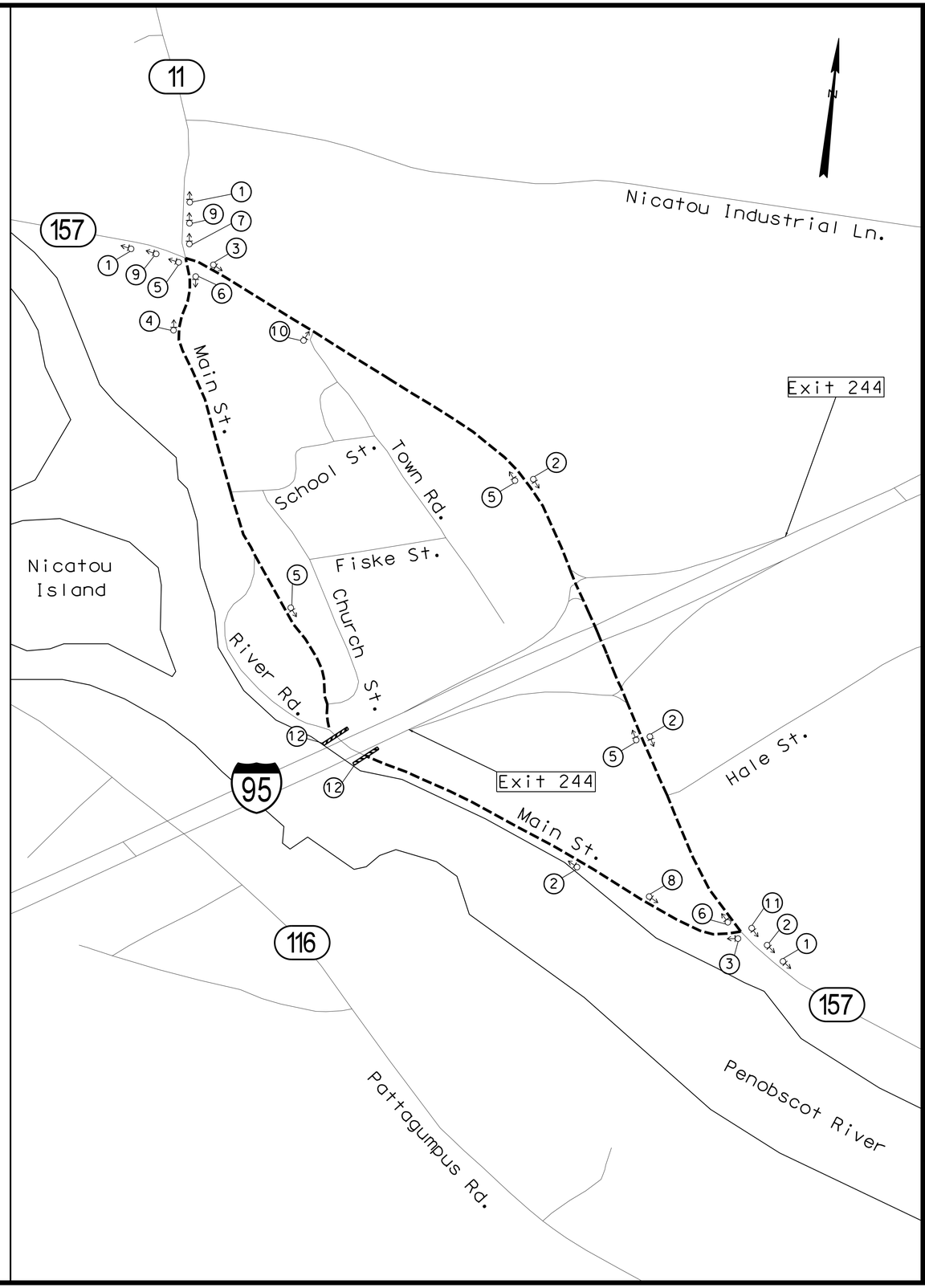
10. MAIN ST. UNDER I-95 — 66" x 12"
    ROAD CLOSED 0.75 MILES AHEAD LOCAL TRAFFIC ONLY — 60" x 30"

11. MAIN ST. UNDER I-95 — 66" x 12"
    ROAD CLOSED 1.2 MILES AHEAD LOCAL TRAFFIC ONLY — 60" x 30"

12. 48" x 30" ROAD CLOSED

DETOUR NOTES

1. ALL SIGN LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT.
2. ALL MODIFICATIONS TO TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. CHANGES AND ADJUSTMENTS TO TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE RESIDENT PRIOR TO IMPLEMENTATION.
3. ANY AND ALL CHANGES AND ADJUSTMENTS TO TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE TRAFFIC CONTROL PLAN SUBMITTED. THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED, DESIGNED, AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN STATE OF MAINE, AND SHALL BE APPROVED BY THE RESIDENT PRIOR TO IMPLEMENTATION.
4. THE CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH WORK ZONE SIGNS (INCIDENTAL TO ITEM 652.35)
5. IN ADDITION TO SIGNS SHOWN, THE CONTRACTOR SHALL PLACE PORTABLE CHANGEABLE MESSAGE SIGNS PRIOR TO CLOSURE. LOCATIONS AND MESSAGES TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
6. ADDITIONAL SIGNS MAY BE NEEDED AS DIRECTED BY THE RESIDENT.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2563100

WIN
WIN 25631.01, 25631.02, 25631.04, 28831.05

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	S. LINDSLEY	E. MORRISON	08/23
CHECKED-REVIEWED	T. MCAULIFFE	B. COLBURN	08/23
DESIGN2-DETAILED2	N. EDMAN	J. FITZ	08/23
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

I-95 NORTHBOUND & SOUTHBOUND
VAUGHAN DAGGETT MEMORIAL BRIDGE
BRIDGE NOS. 1410 & 6078
PENOBSCOT COUNTY
MEDWAY

DETOUR PLAN MAIN ST. UNDER I-95 CLOSED

SHEET NUMBER
168
OF 168