

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Seventh Edition 2014 with Interim Revisions through 2016.

DESIGN LOADING

Live Load HL - 93 Modified for Strength I

TRAFFIC DATA

Current (2018) AADT	1030
Future (2038) AADT	1240
DHV - % of AADT	13%
Design Hour Volume	161
Heavy Trucks (% of AADT)	19%
Heavy Trucks (% of DHV)	9%
Directional Distribution (% of DHV)	52%
18 kip Equivalent P 2.0	158
18 kip Equivalent P 2.5	151
Design Speed (mph)	45

MATERIALS

Concrete:	
Curbs & Transition Barriers	Class "LP"
All Other	Class "A"
Reinforcing Steel:	
Plain	ASTM A 615/A 615M, Grade 60
Stainless Steel	ASTM A 955/A 955M, Grade 60
Structural Steel:	
All Material (except as noted)	ASTM A 709, Grade 50 Metallized or H.D.G.
High Strength Bolts	ASTM F 3125, Grade A 325, Type 1 H.D.G.

BASIC DESIGN STRESSES

Concrete	f'c = 4000 psi
Reinforcing Steel	f _y = 60,000 psi
Structural Steel:	
ASTM A 709, Grade 50	F _y = 50,000 psi
ASTM A 709, Grade 36	F _y = 36,000 psi
ASTM F 3125, Grade A 325	F _u = 120,000 psi

UTILITIES

Central Maine Power Co.
FairPoint Communications
Central Maine & Quebec Railway

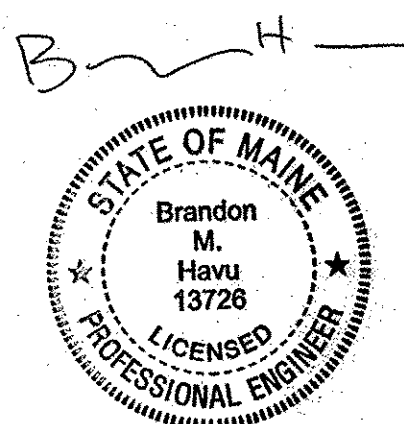
MAINTENANCE OF TRAFFIC

Maintain two way traffic on a special detour to the east of the existing causeway.

SAPLING TWP SOMERSET COUNTY C.P.R. CROSSING BRIDGE OVER CENTRAL MAINE & QUEBEC RAILWAY STATE ROUTES 6 & 15 STATE PROJECT NO. 21701.00 PROJECT LENGTH 0.133 mi. BRIDGE NO. 3256

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12/08/2017

Gorrill-Palmer Consulting Engineers, Inc.
Responsible for Roadway/Approach Plans

PROJECT LOCATION	C.P.R. Crossing Bridge #3256 in Sapling Twp carrying Routes 6 & 15 over C.M.Q.R., located 0.45 of a mile north of East Outlet. Lat./Long. 45° 35' 18.7" N, 69° 43' 33.6" W
PROGRAM AREA	Highway Bridges - Traditional
OUTLINE OF WORK	Bridge replacement of the C.P.R. Crossing Bridge #3256 in Sapling Twp with approx. 700' of approach work.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED:
 COMMISSIONER:
 DATE: 4-9-18
 CHIEF ENGINEER:

PROJECT INFORMATION	
PROGRAM	BRIDGE
PROJECT MANAGER	MARK PARLIN
DESIGNER	JACK BURGESS
CONSULTANT	BECKER STRUCTURAL
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

SIGNATURE	5745
P.E. NUMBER	12/11/2017
DATE	

021701.00
WIN021701.00

SAPLING TWP
C.P.R. CROSSING BRIDGE
TITLE SHEET

021701.00
1

SHEET NUMBER
1
OF 63

Date: 12/8/2017

Username: common

Division: BRIDGE

Filename: \00\BRIDGE\MSTA\001_Title.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.13	REMOVE EXISTING RAILINGS (RETAINED BY DEPARTMENT)	330	LF
202.19	REMOVING EXISTING BRIDGE (580 CY/140,000 LB)	1	LS
203.20	COMMON EXCAVATION	4,950	CY
203.24	COMMON BORROW	100	CY
203.25	GRANULAR BORROW	1,030	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	2,150	CY
403.208	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE	260	T
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	590	T
409.15	BITUMINOUS TACK COAT - APPLIED	270	G
461.31	TEMPORARY PAVEMENT	740	T
502.219	STRUCTURAL CONCRETE, ABUT & RET WALLS (270 CY)	1	LS
502.26	STRUCTURAL CONCRETE ROADWAY & SIDEWALK SLAB ON STEEL BRIDGE (108 CY)	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLAB (31 CY)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (9 CY)	1	LS
503.12	REINFORCING STEEL, FABRICATED/DELIVERED	24,900	LB
503.13	REINFORCING STEEL, PLACING	24,900	LB
503.26	STAINLESS STEEL REINFORCEMENT - FAB & DEL	29,800	LB
503.27	STAINLESS STEEL REINFORCEMENT - PLACING	29,800	LB
504.702	STRUCTURAL STEEL FAB'D & DELIV'D, WELDED (98,600 LBS)	1	LS
504.71	STRUCTURAL STEEL ERECTION (98,600 LBS)	1	LS
505.08	SHEAR CONNECTORS (1,250 EA)	1	LS
506.9104	THERMAL SPRAY COATING - SHOP APPLIED	1	LS
507.0821	STEEL BRIDGE RAILING, 3-BAR (176 LF)	1	LS
510.10	SPECIAL DETOUR, 26 FOOT ROADWAY WIDTH VEHICULAR AND PEDESTRIAN TRAFFIC NOT SEPARATED	1	LS
512.081	FRENCH DRAINS (160 LF)	1	LS
514.06	CURING BOX FOR CONC CYL	1	EA
515.21	PROT COAT FOR CONC SURFACES (500 SY)	1	LS
520.232	EXPANSION DEVICE - ASPHALTIC PLUG JOINT	83	LF
523.52	BEARING INSTALLATION	10	EA
523.5401	LAMINATED ELASTOMERIC BEARINGS, FIXED	5	EA
523.5402	LAMINATED ELASTOMERIC BEARINGS, EXPANSION	5	EA
524.40	PROTECTIVE SHIELDING	1	LS
526.301	TEMPORARY CONC BARRIER TYPE 1 (100 LF)	1	LS
526.34	PERMANENT CONC TRANSITION BARRIER	4	EA
527.34	WORK ZONE CRASH CUSHIONS	4	UN
606.1301	31" W-BEAM GUARDRAIL - MID-WAY SPLICE (STEEL POST, 8" OFFSET BLOCKS, SINGLE FACED)	1600	LF
606.1305	31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL (31" HEIGHT)	1	EA
606.1307	BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2	EA
606.356	UNDERDRAIN DELINEATOR POSTS	6	EA
608.243	PRECAST CONCRETE PAVERS (380 SF)	1	LS
609.31	CURB TYPE 3	60	LF
610.08	PLAIN RIPRAP	36	CY
610.18	STONE DITCH PROTECTION	24	CY
615.07	LOAM	300	CY
618.14	SEEDING METHOD NUMBER 2	50	UN
619.12	MULCH	50	UN
619.14	EROSION CONTROL MIX	80	CY
620.58	EROSION CONTROL GEOTEXTILE	220	SY
621.014	EVERGREEN TREE 18"-24" GROUP A	50	EA
621.019	EVERGREEN TREE 2'-3' GROUP A	50	EA
621.101	PLUGS/STARTER PLANTS	100	EA
621.531	DECIDUOUS SHRUBS 12"-15" GROUP A	100	EA
621.54	DECIDUOUS SHRUBS 18"-24" GROUP A	100	EA
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	2,800	LF
627.77	REMOVING PAVEMENT MARKINGS	200	SF
627.78	TEMPORARY PAVEMENT MARKING LINES, WHITE OR YELLOW	5400	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	20	HR
631.11	AIR TOOL (INCLUDING OPERATOR)	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	20	HR
631.20	STUMP CHIPPER RENTAL (INCLUDING OPERATOR)	20	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	20	HR
639.18	FIELD OFFICE, TYPE A	1	EA
645.271	REGULATORY, WARNING, CONFIRMATION AND ROUTE ASSEMBLY SIGN, TYPE 1	65	SF
648.312	BALLAST	30	T
648.5206	HIGHWAY GRADE CROSSING SIGNAL SYSTEM	1	LS
652.312	TYPE III BARRICADES	4	EA
652.33	DRUM	20	EA
652.34	CONE	20	EA
652.35	CONSTRUCTION SIGNS	85	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (225 DAYS)	1	LS
652.38	FLAGGERS	800	HR
652.41	PORTABLE - CHANGEABLE MESSAGE SIGN	2	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
677.20	MECHANICALLY STABILIZED EARTH RETAINING WALL	7700	SF

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 021701.00	BRIDGE NO. 3266 WIN 021701.00 BRIDGE PLANS
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY	ESTIMATED QUANTITIES
SHEET NUMBER	2
OF 63	



GENERAL CONSTRUCTION NOTES

1. For easements, construction limits and right of way lines, refer to Right of Way Map.
2. Clearing limits shown on plans are approximate. Actual clearing limits shall be coordinated with Resident in the field. Payment will be considered incidental to Item 510.10, Special Detour, 26' Roadway Width Vehicular and Pedestrian Traffic Not Separated.
3. No clearing or any construction activities are permitted within area of vernal pools.
4. Benching shall be completed as required for construction of roadway embankments. Location and amount of benching required shall be at the discretion of the Resident. Payment shall be incidental to Item 203.20, Common Excavation.
5. When super elevation exceeds the slope of the low side shoulder, the shoulder pavement will have same slope as traveled way.
6. No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.
7. All existing drainage pipes noted to be removed shall be considered incidental to Item 203.20, Common Excavation.
8. Inlets and outlets of all culverts shall be ripped up unless otherwise noted on the plans or directed by the Resident.
9. Guardrail end treatments shall be installed concurrently with the placement of each section of beam guardrail.
10. All existing guardrail shall be removed and become the property of the Contractor. Removal and disposal shall be considered incidental to the guardrail items.
11. Two Reflectorized Flexible G.R. Markers (Item 606.353) will be installed at each guardrail end.
12. A delineator post (Item 606.356) will be installed at each underdrain outlet and each end of a run of bituminous curb.
13. Connections for proposed guardrail to existing guardrail will be considered incidental to Item 606.1301 - 31" W-Beam Guardrail - Mid-Way Splice (Steel Post, 8" Offset Blocks, Single Faced).
14. Seeding Method No. 2 is anticipated in all disturbed slope areas.
15. Loam shall be placed to a nominal depth of 2 inches unless otherwise noted or directed.
16. All work shall be done in accordance with the Maine Department of Transportation's Best Management Practices for Erosion Control & Sediment Control, February, 2008.
17. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
18. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
19. 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.
20. 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 619.14, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.
21. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.
22. Extended-use Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed, where it is apparent that runoff will cause continual erosion. Payment will be made under the appropriate Contract items.
23. Protective Coating for Concrete Surfaces shall be applied to the following areas:
 - All exposed surfaces of concrete curbs,
 - Fascias down to the drip notch,
 - All exposed surfaces of Concrete Transition Barriers,
 - Concrete wearing surfaces,
 - Top of abutment backwalls and to one foot below the top of backwalls on the back side.

24. Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>.
25. 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.
26. The project geotechnical report titled: Soils Report 2017-56C, December 15, 2017: Geotechnical Design Report C.P.R. Crossing Bridge No. 3256, Route 6/15 over Central Maine & Quebec Railway, MaineDOT WIN 021701.00, Sapling Township, Maine may be accessed at the MaineDOT web address.
27. Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information. The boring logs contained in the plan set present factual and interpretive subsurface information collected at discrete locations. Data provided may not be representative of the subsurface conditions between the boring locations.
28. 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 Specifications 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.
29. 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.
30. The Contractor shall submit a Bridge Demolition Plan 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. No work related to the removal of the bridge shall be undertaken by the Contractor until MaineDOT has reviewed the Bridge Demolition Plan for appropriateness and completeness. Payment for all work necessary for developing, submitting and finalizing the Demolition Plan will be considered incidental to the bridge removal pay item.
31. The existing bridge shall be removed by and become the property of the Contractor. The steel portions of the existing bridge are coated with a lead-based paint system. The Contractor is responsible for the containment, proper management and disposal of all lead-contaminated hazardous waste generated by the process of demolishing the bridge. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Once the existing bridge is removed, the Contractor is solely responsible for the care, custody and control of the components of the existing bridge and any hazardous waste 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 bridge will be considered incidental to the bridge removal pay item.
32. All abandoned railroad utility poles noted to be removed shall be considered incidental to Item 203.20 - Common Excavation.
33. All work on Central Maine & Quebec Railway property shall be as directed by the Resident in coordination with the Railroad.
34. Per Army Corps Permit, this project includes habitat restoration including Planting and Native Wetland Seed mix seeding as permitted, subject to direction and supervision by the Construction Resident and MaineDOT Landscape Architect.
35. Payment for removal of existing signs and sign posts shall be considered incidental to the project contract.

Date: 2/5/2018

Username: common

Division: BRIDGE

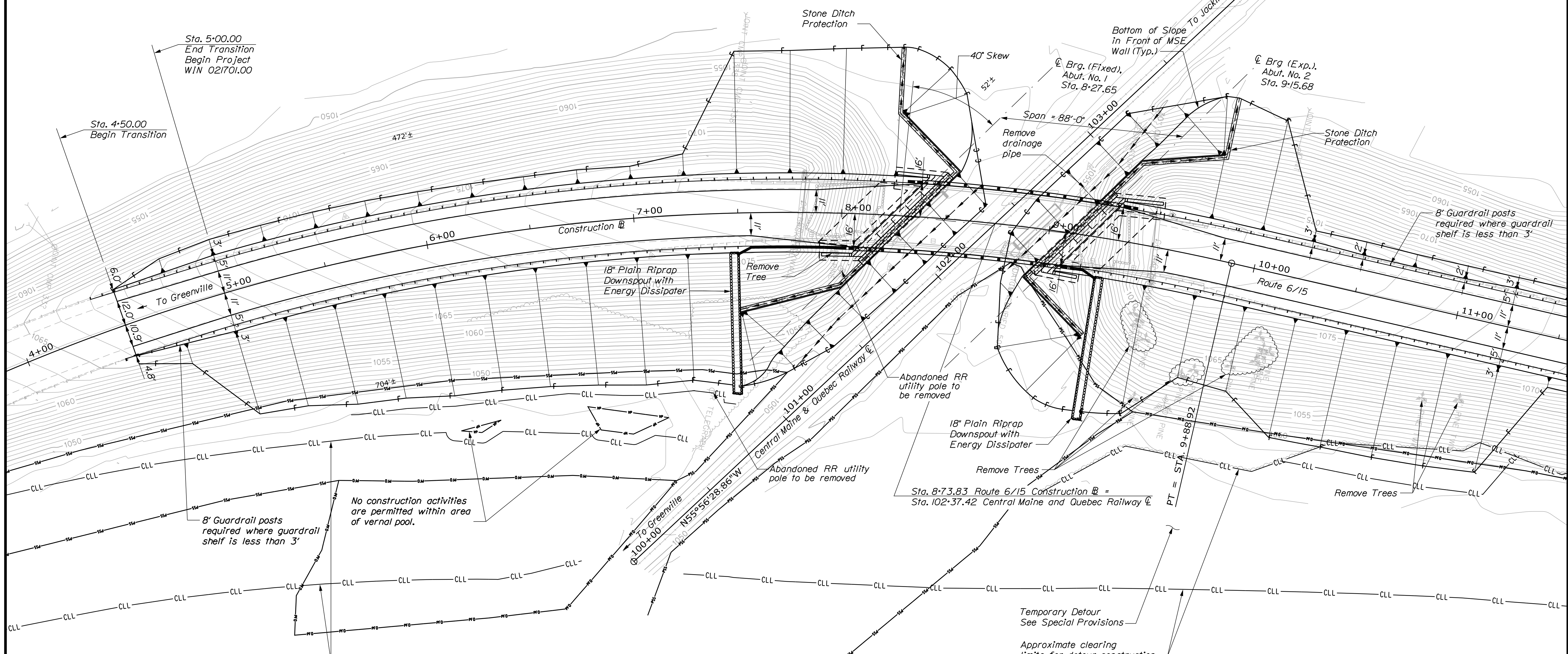
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C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY GENERAL CONSTRUCTION NOTES	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 021701.00 WIN BRIDGE NO. 3256 021701.00 BRIDGE PLANS
SHEET NUMBER 3 OF 63	



Filename: ... \00\Bridge\005_BDPlan2.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 2/5/2018

Item 606.1301 31" W-Beam Guardrail - Mid-Way Splice LF		
Sta. 4+44.54 to Sta. 5+08.08, Rt. (8' posts)		62.5
Sta. 5+08.08 to Sta. 7+87.77, Rt.		275.0
Sta. 4+38.66 to Sta. 8+19.74, Lt.		387.5
Sta. 9+26.23 to Sta. 15+02.28, Rt.		575.0
Sta. 9+51.18 to Sta. 10+25.55, Lt.		75.0
Sta. 10+25.55 to Sta. 11+25.55, Lt. (8' posts)		100.0
Sta. 11+25.55 to Sta. 12+50.55, Lt.		125.0



ROUTE 6/15
 CURVE DATA #1
 PI = 6+06.44
 D = 6°00'00.0"
 Δ = 49°09'06.2" Rt.
 R = 954.93'
 L = 819.20'
 T = 436.71'
 E = 95.12'

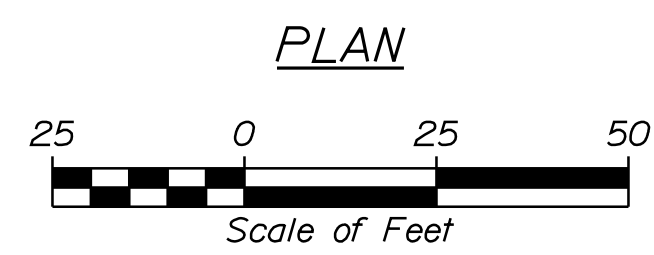
Clearing (Incidental to Item 510.10) AC
 Sta. 7+13 to Sta. 16+50, Rt. 1.1

Item 606.1307 Bridge Transition (Asymmetrical)-Type 1
 Sta. 7+87.77 to Sta. 8+08.60, Rt.
 Sta. 8+19.74 to Sta. 8+39.88, Lt.
 Sta. 9+05.40 to Sta. 9+26.23, Rt.
 Sta. 9+31.04 to Sta. 9+51.18, Lt.

Item 609.31 Curb Type 3 - Mold 2 with 4" reveal LF
 Sta. 7+50.00 to Sta. 7+99.15, Rt. 49
 Sta. 9+14.85 to Sta. 9+25.00, Rt. 10

Item 610.08 Plain Riprap CY
 Sta. 7+48, Rt. (Downspout) 18
 Sta. 9+27, Rt. (Downspout) 18

Item 610.18 Stone Ditch Protection CY
 Sta. 101+20, Lt. to Sta. 101+77, Lt. 6
 Sta. 102+37, Lt. to Sta. 102+63, Lt. 6
 Sta. 102+32, Rt. to Sta. 102+35, Rt. 4
 Sta. 102+90, Rt. to Sta. 103+64, Rt. 8



Relationships. Responsiveness. Results.
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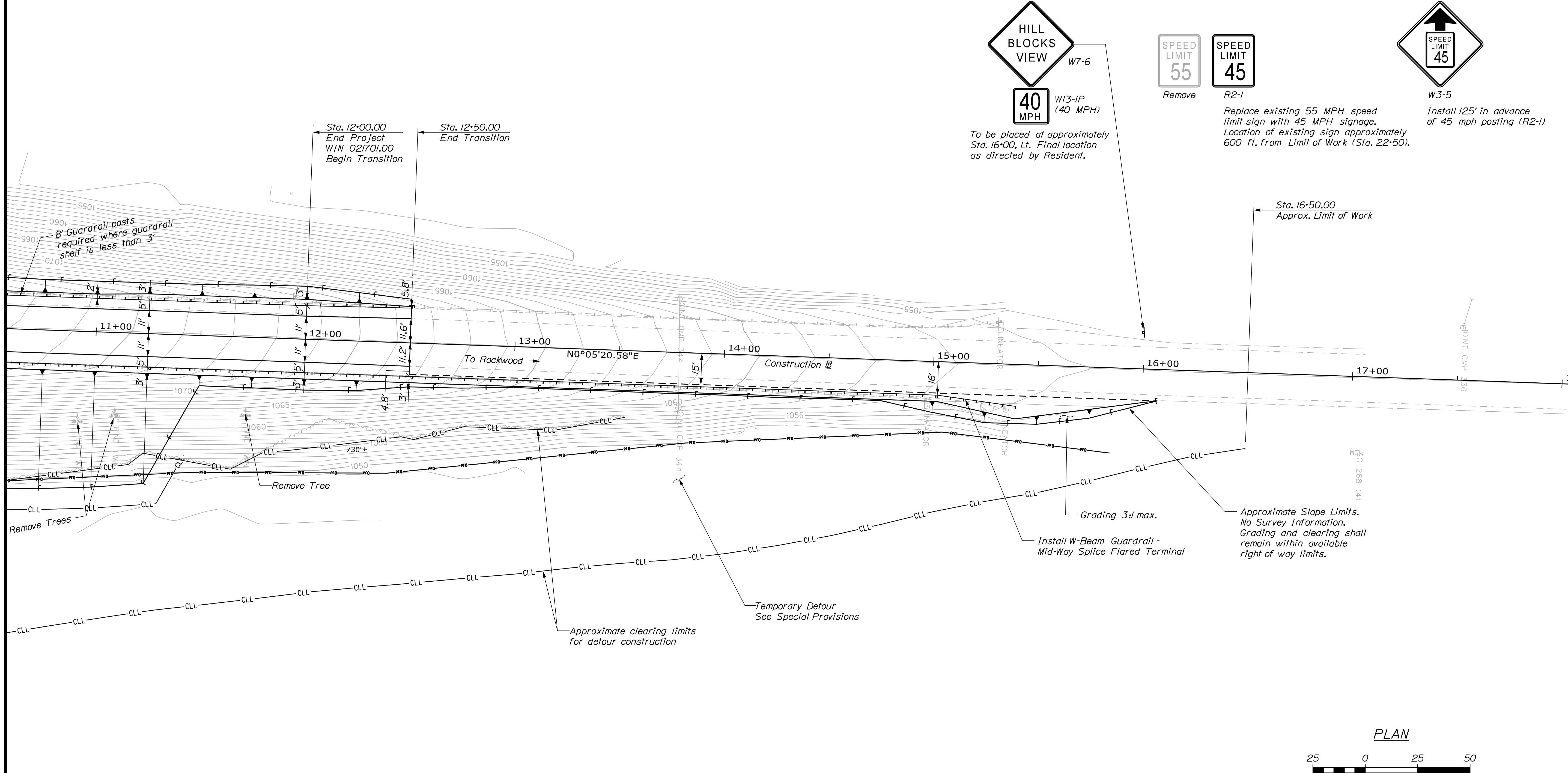
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00		WIN		021701.00		BRIDGE NO. 3256	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP		SOMERSET COUNTY		GENERAL PLAN		SHEET NUMBER	
PROJ. MANAGER		M. PARLIN		BY		DATE		SIGNATURE		P.E. NUMBER	
DESIGN DETAIL		BMH		MPC		12/17					
CHECKED-REVIEWED		BMH									
DESIGN DETAIL		BMH									
REVISIONS 1											
REVISIONS 2											
REVISIONS 3											
REVISIONS 4											
FIELD CHANGES											
								5		OF 63	

Date: 2/5/2018

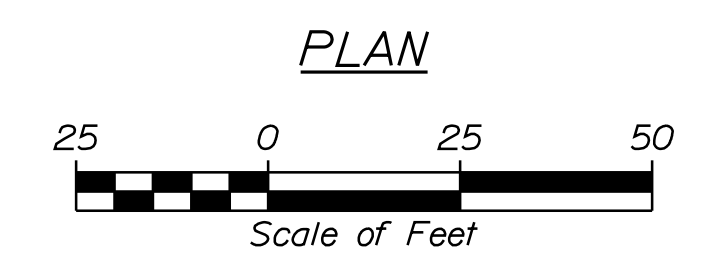
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Division: HIGHWAY

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Item 606.1305 31" W-Beam Guardrail - Mid-Way Splice Flared Terminal
 Sta. 15+02.28 to Sta. 15+39.57, Rt.



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 021701.00
 WIN
 021701.00
 BRIDGE NO. 3256
 BRIDGE PLANS

PROJ. MANAGER	DATE	BY	DATE
M. PARLIN		MPC	
DESIGNED		BMH	
CHECKED-REVIEWED		BMH	
DESIGNED-REVIEWED		BMH	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

C.P.R. CROSSING BRIDGE
 CENTRAL MAINE & QUEBEC RAILWAY
 SABLE TWP SOMERSET COUNTY
GENERAL PLAN

SHEET NUMBER

6

OF 63



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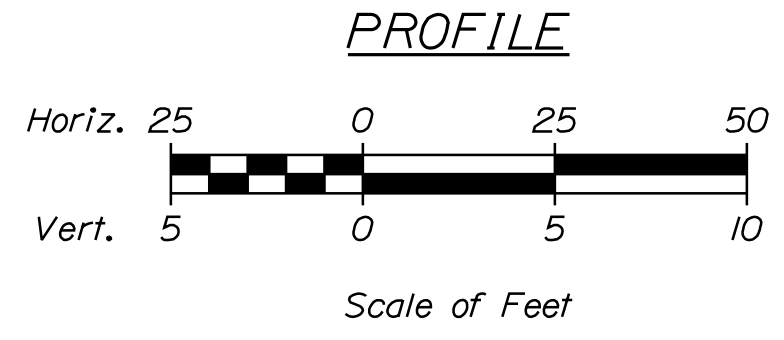
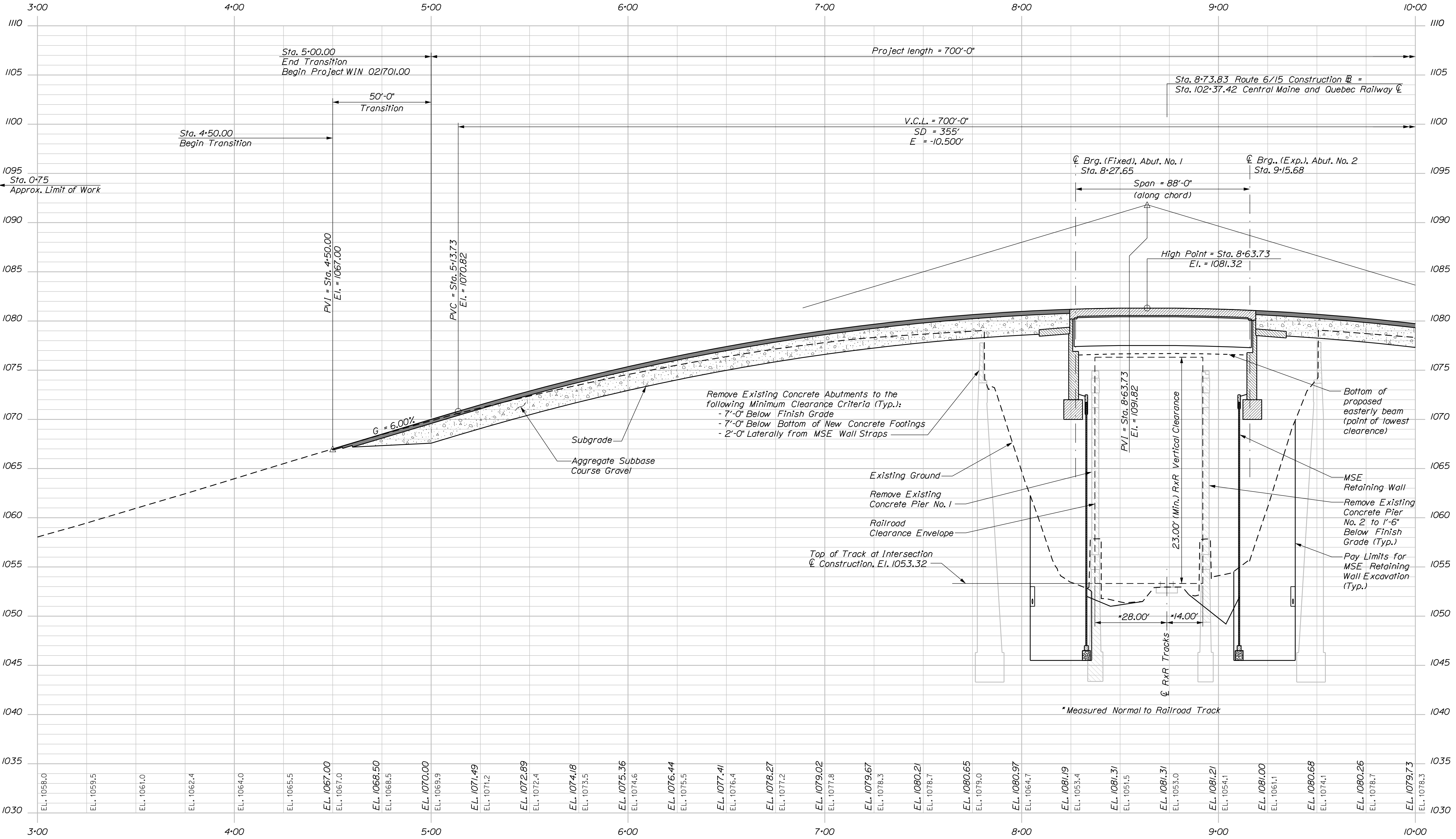


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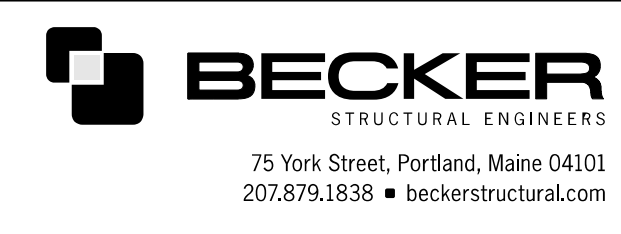
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Division: BRIDGE

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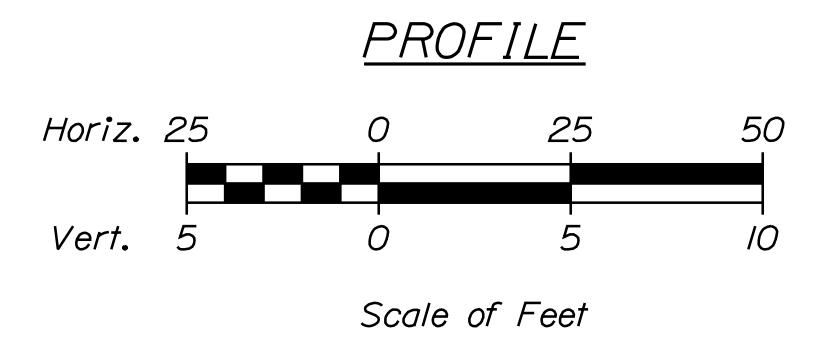
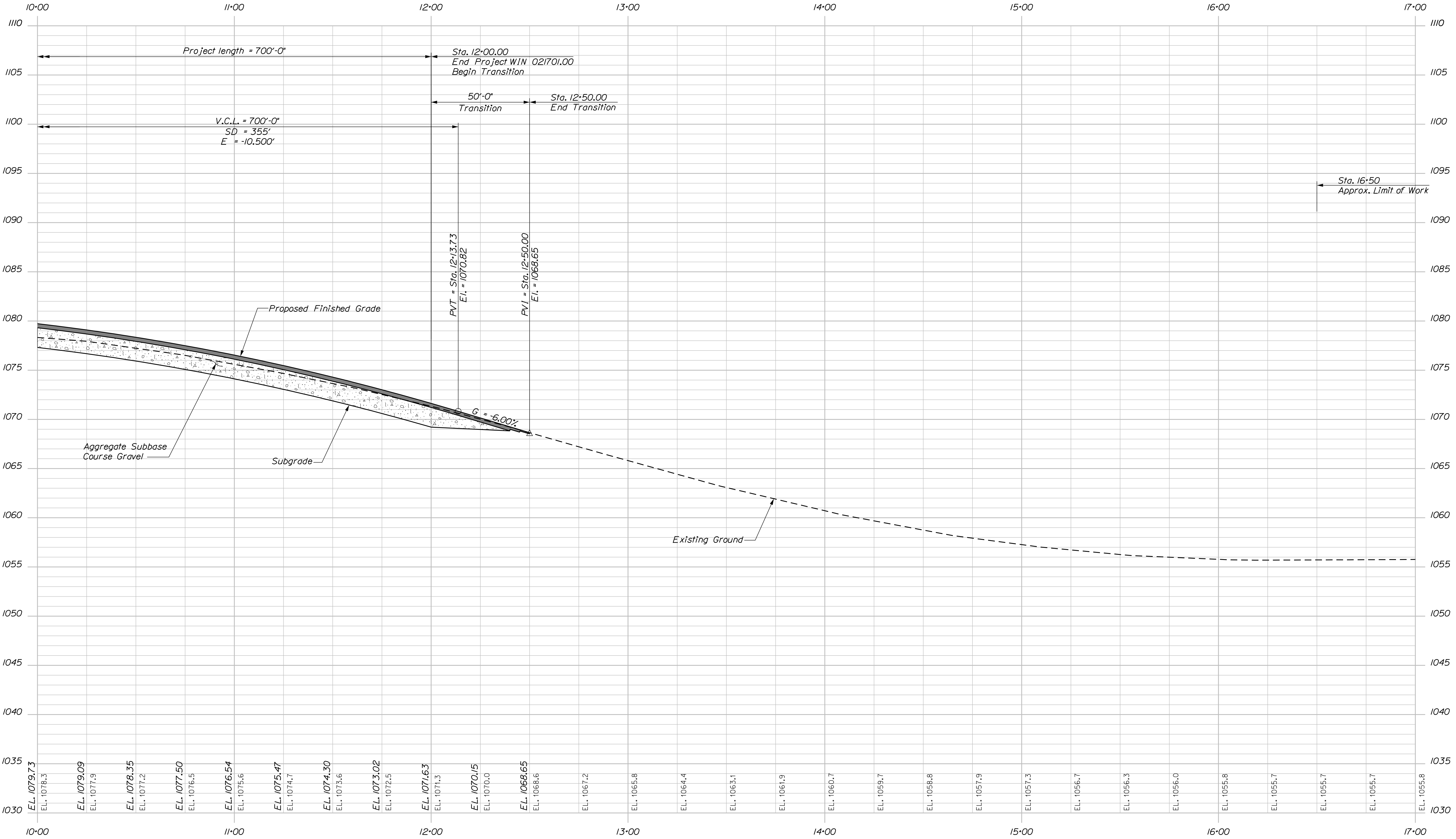


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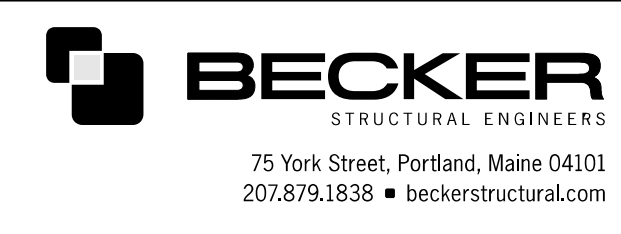


75 York Street, Portland, Maine 04101
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00		WIN		021701.00		BRIDGE NO. 3256		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP		SOMERSET COUNTY		PROFILE		SHEET NUMBER	
PROJ. MANAGER	DATE	BY	DATE	DESIGN-DETAILED	DATE	CHECKED-REVIEWED	DATE	DESIGN-DETAILED	DATE	REVISIONS 1	DATE
M. PARLIN	12/17	MPC	12/17	BMH	12/17	BMH	12/17	BMH	12/17	REVISIONS 2	DATE
										REVISIONS 3	DATE
										REVISIONS 4	DATE
										FIELD CHANGES	DATE



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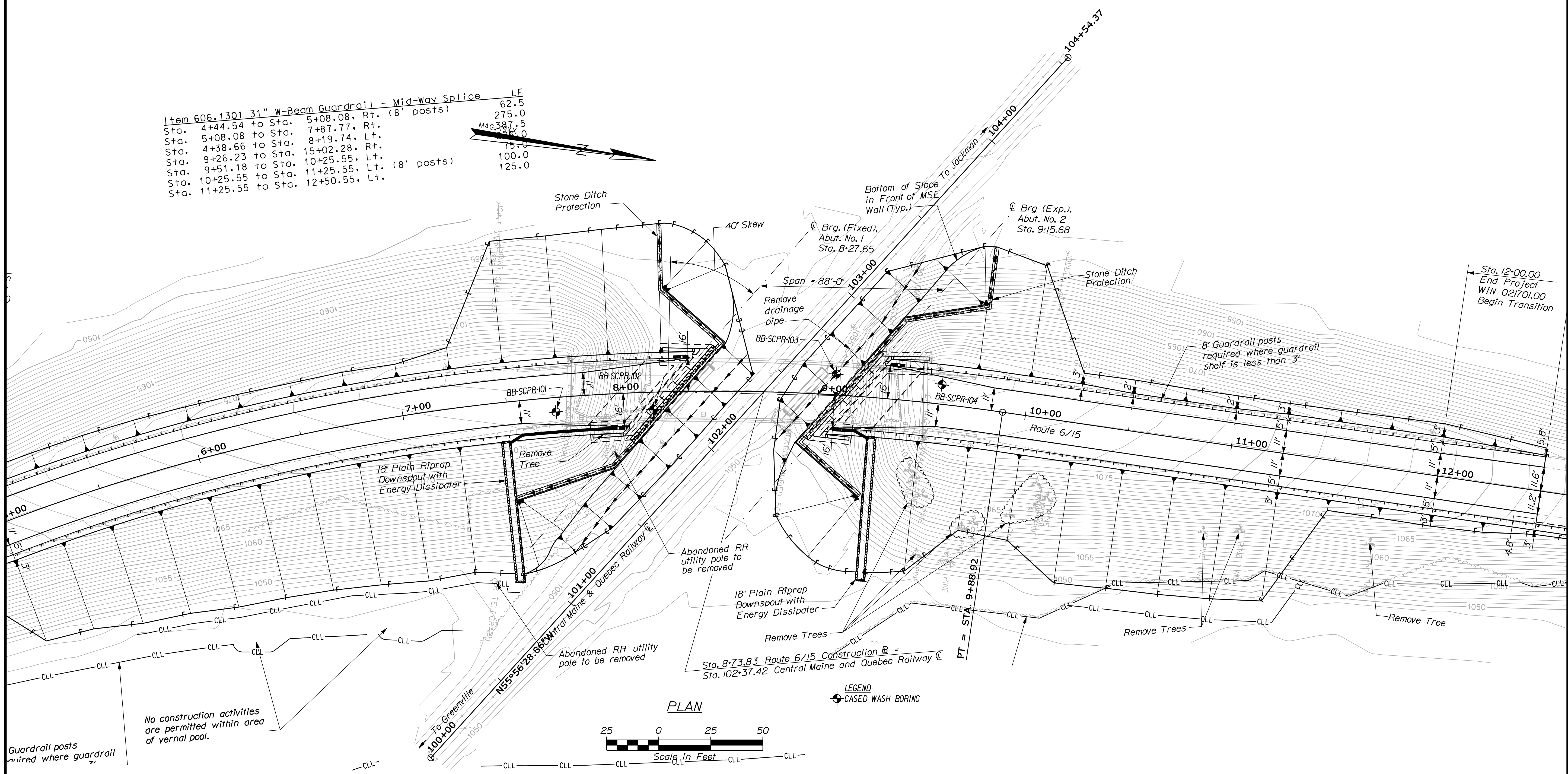


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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY		WIN 021701.00
PROFILE		BRIDGE NO. 3256 BRIDGE PLANS
PROJ. MANAGER	DATE	SIGNATURE
DESIGN DETAILED	12/17	P.E. NUMBER
CHECKED-REVIEWED		DATE
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SHEET NUMBER		8
OF 63		

Filename: ... \00\GEOTECH\MSTA009_BLP1.dgn Division: GEOTECH Username: Terry.White Date: 2/9/2018

Item	Description	LF
606.1301	31" W-Beam Guardrail - Mid-Way Splice	62.5
Sta. 4+44.54 to Sta. 5+08.08	Rt. (8' posts)	275.0
Sta. 5+08.08 to Sta. 7+87.77	Rt.	387.5
Sta. 4+38.66 to Sta. 8+19.74	Lt.	387.5
Sta. 9+26.23 to Sta. 15+02.28	Rt.	75.0
Sta. 9+51.18 to Sta. 10+25.55	Lt.	100.0
Sta. 10+25.55 to Sta. 11+25.55	Lt. (8' posts)	125.0
Sta. 11+25.55 to Sta. 12+50.55	Lt.	



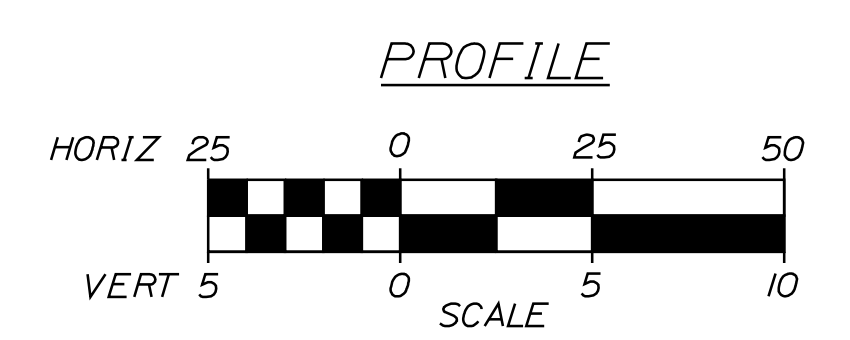
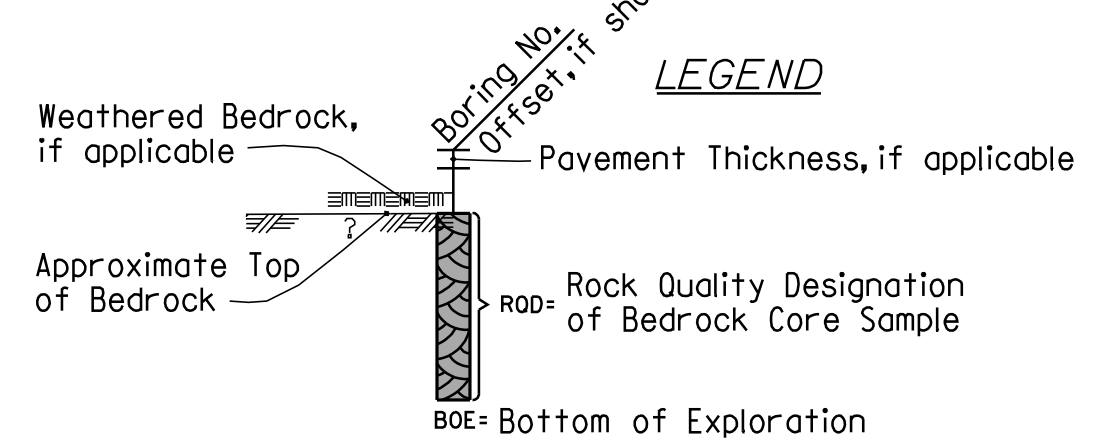
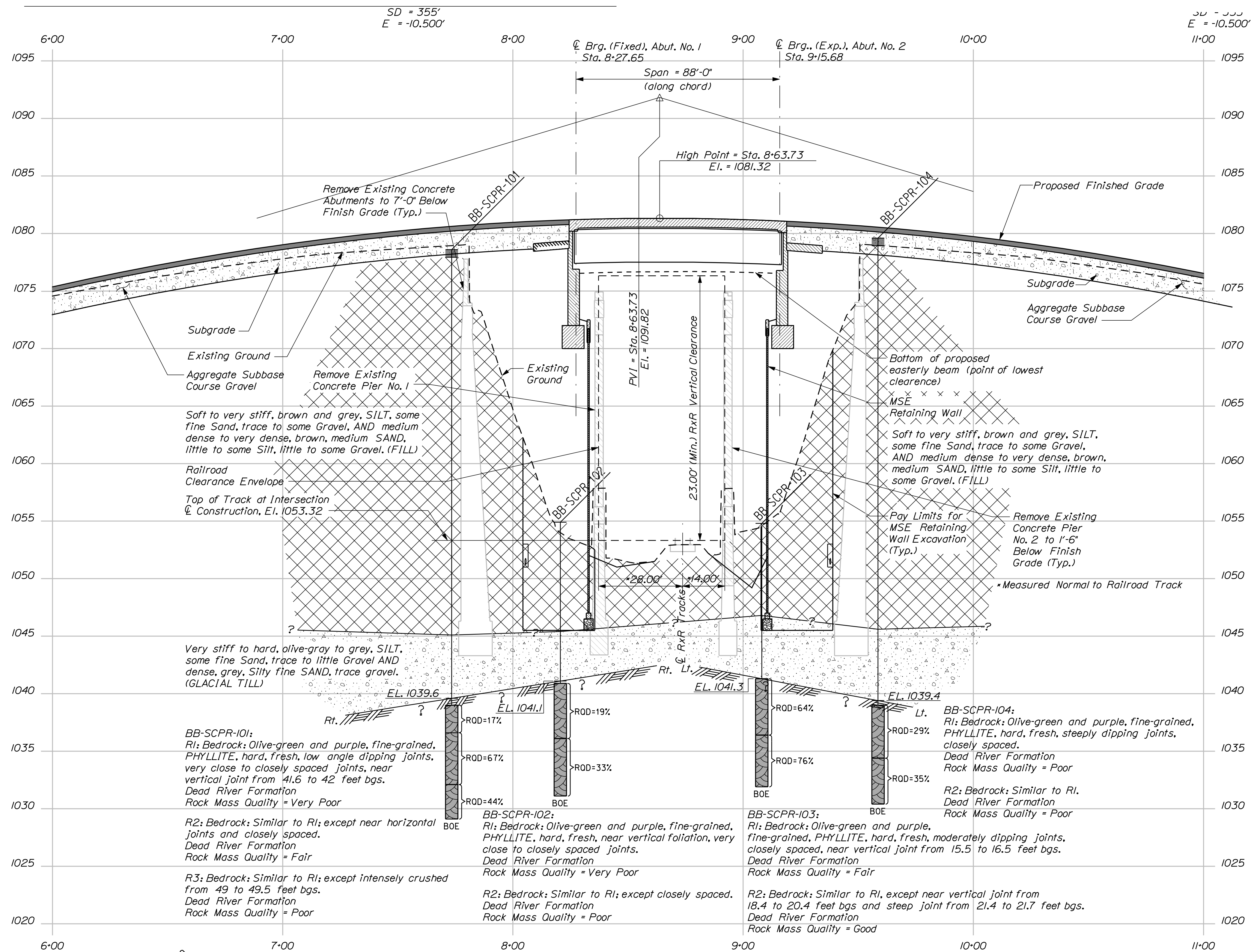
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
021701.00		WIN 021701.00	
BRIDGE NO. 3256		BRIDGE PLANS	
PROJ. MANAGER	MAP	DATE	BY
DESIGN DETAILED	REM		BIN
CHECKED-REVIEWED	REM		ABRAHAMSON
DESIGNS DET. TAILED	ABRAHAMSON	NOV. 2017	T. WHITE
DESIGNS DET. TAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
CPR CROSSING BRIDGE		SIGNATURE	
CENTRAL MAINE & QUEBEC RAILWAY		P.E. NUMBER	
SAPLING TWP		DATE	
SOMERSET COUNTY		DATE	
BORING LOCATION PLAN		DATE	
SHEET NUMBER			
9			
OF 63			

Date: 12/15/2017

Username: Terry.White

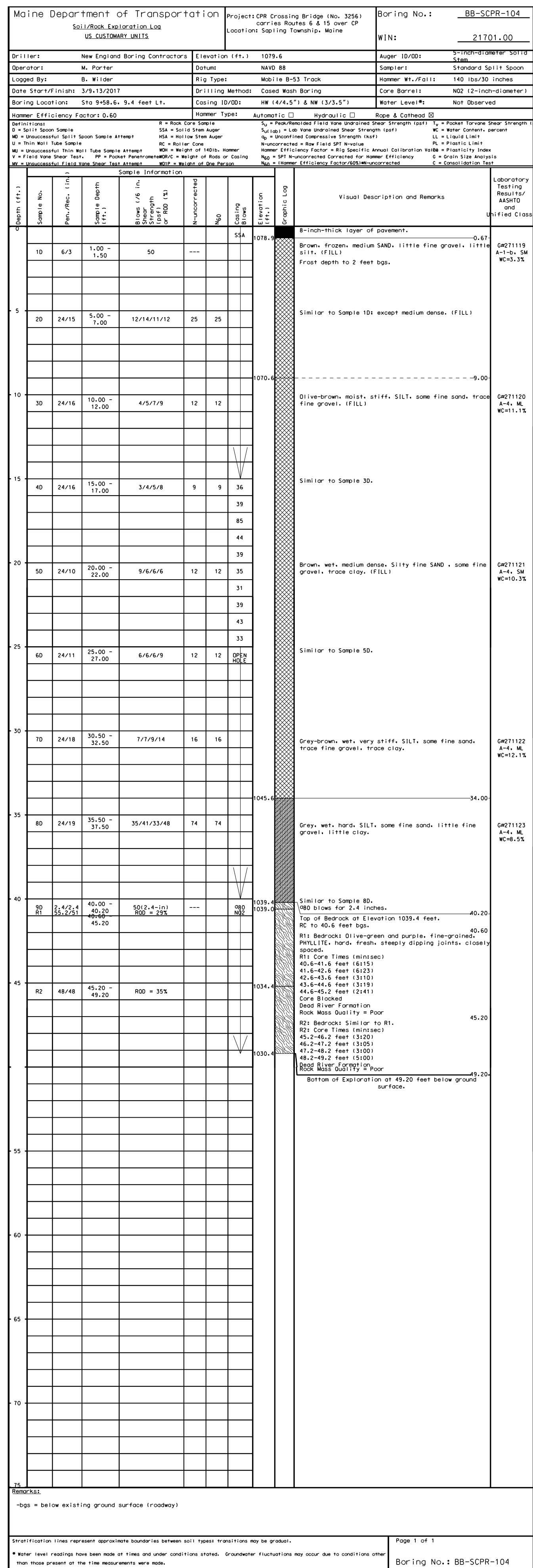
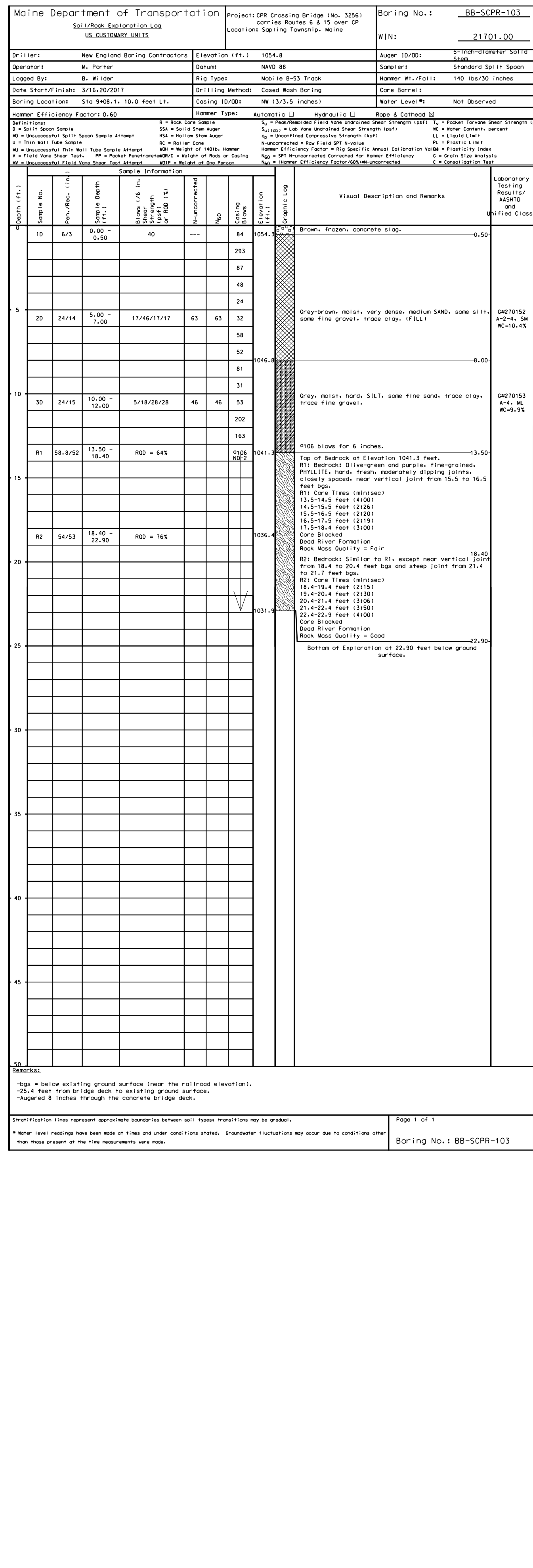
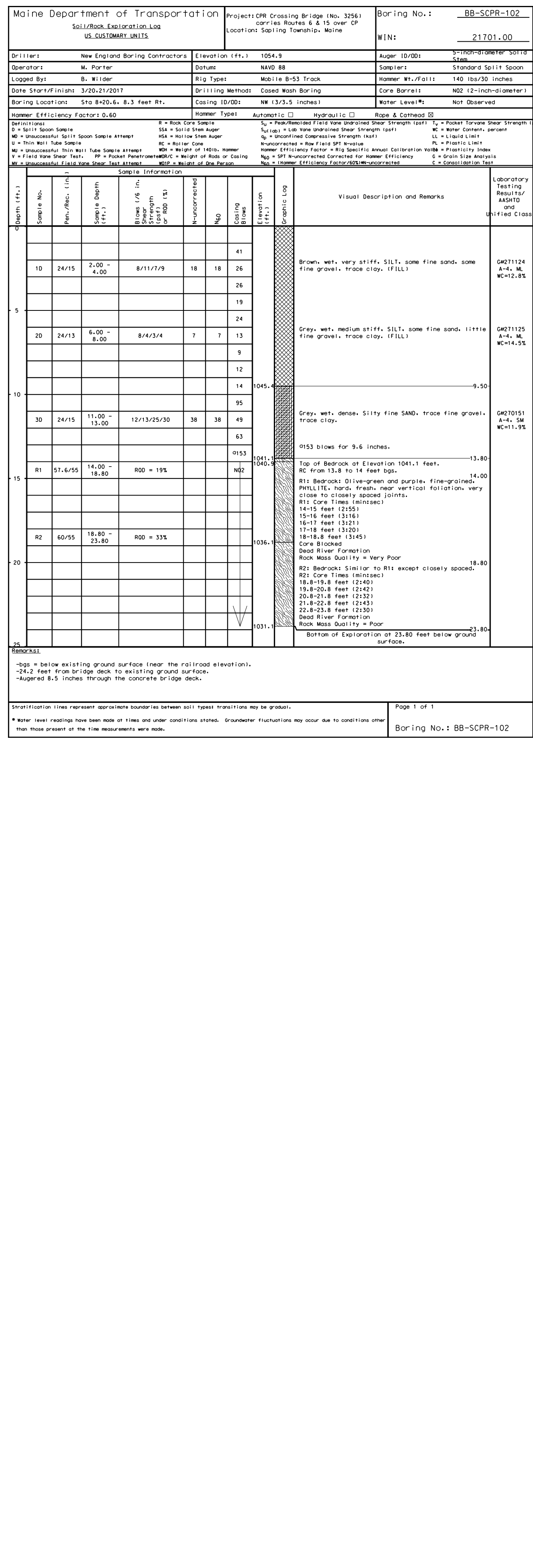
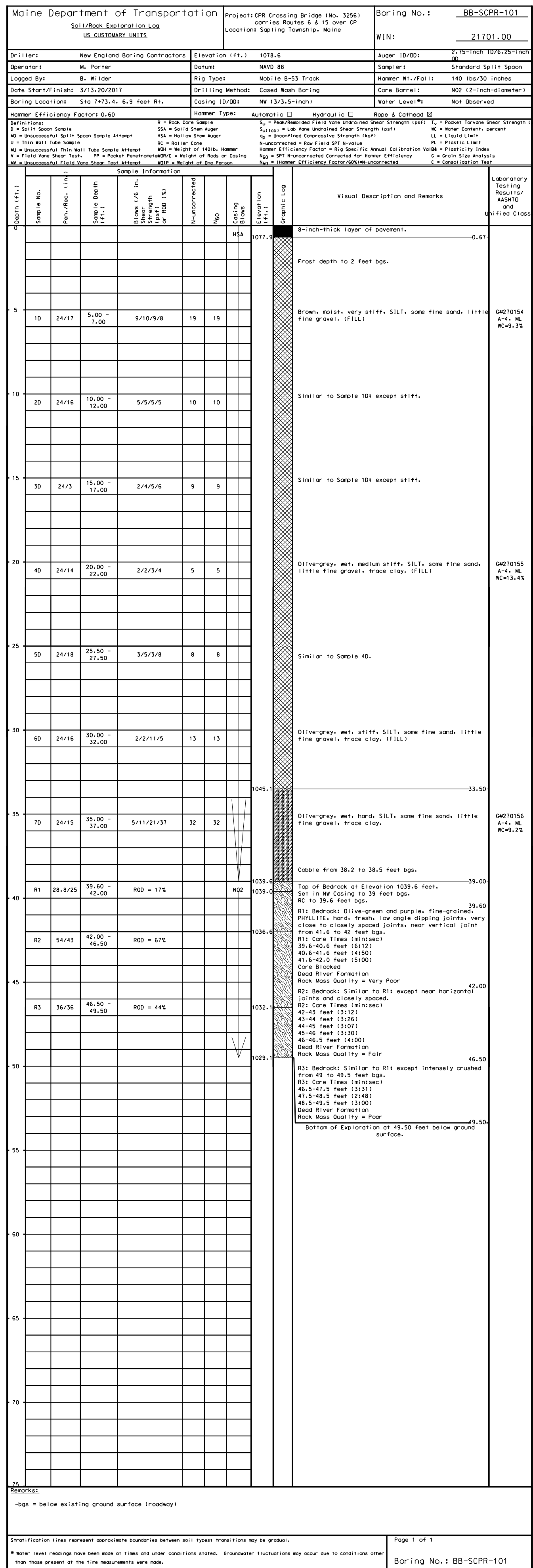
Division: GEOTECH

Filename: ... \00\geotech\msta\010\ISP1.dgn



Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		BRIDGE NO. 3266	
CPR CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP SOMERSET COUNTY	
PROJECT NO. 021701.00		DATE: NOV 2017		BRIDGE PLANS	
DESIGNER: T. WHITE		CHECKED: A. FREDE		P.E. NUMBER: WIN	
DESIGNED: T. WHITE		REVISIONS: 1		DATE: 021701.00	
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

CPR CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY

BORING LOGS

021701.00
 WIN
 021701.00
 BRIDGE NO. 3256
 BRIDGE PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	REM	NOV 2017
CHECKED-REVIEWED	ABLAISBELL	DEC 2017
DESIGN-DETAILED	E.FREDE	
DESIGN-DETAILED		
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REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

P.E. NUMBER
 DATE

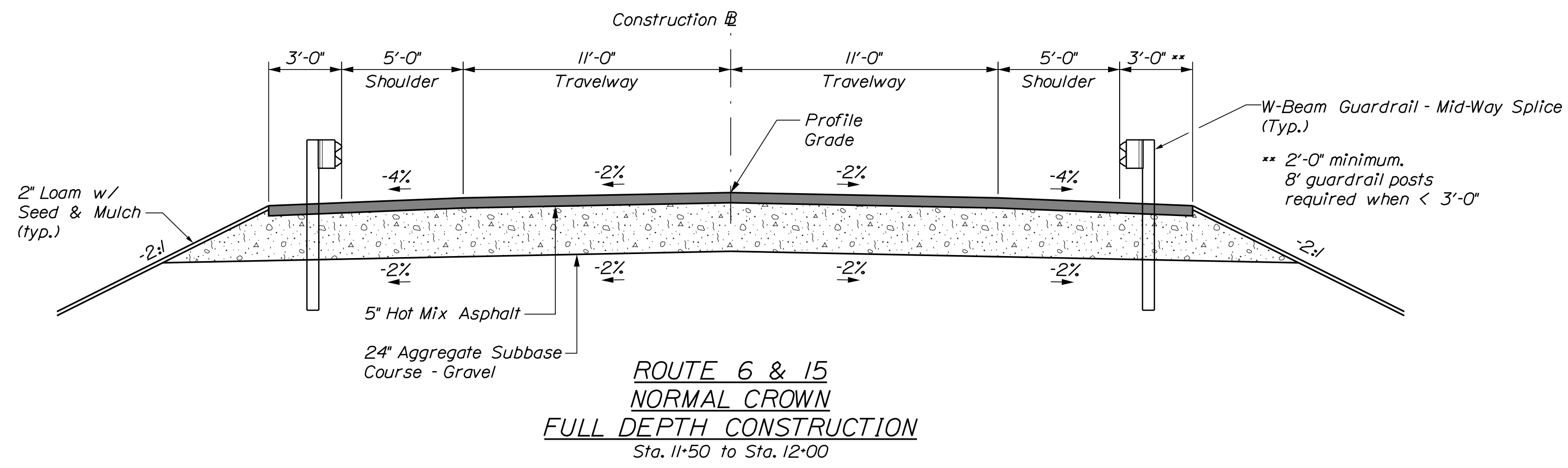
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11
 OF 63

Date: 2/5/2018

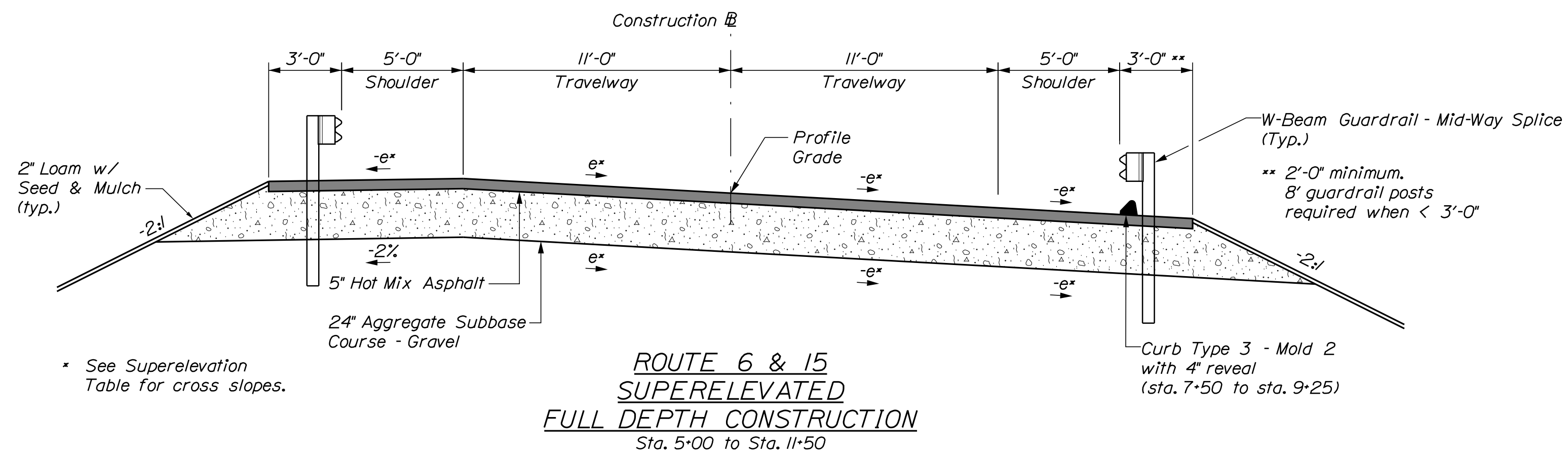
Username: Mike.Cundiff

Division: HIGHWAY

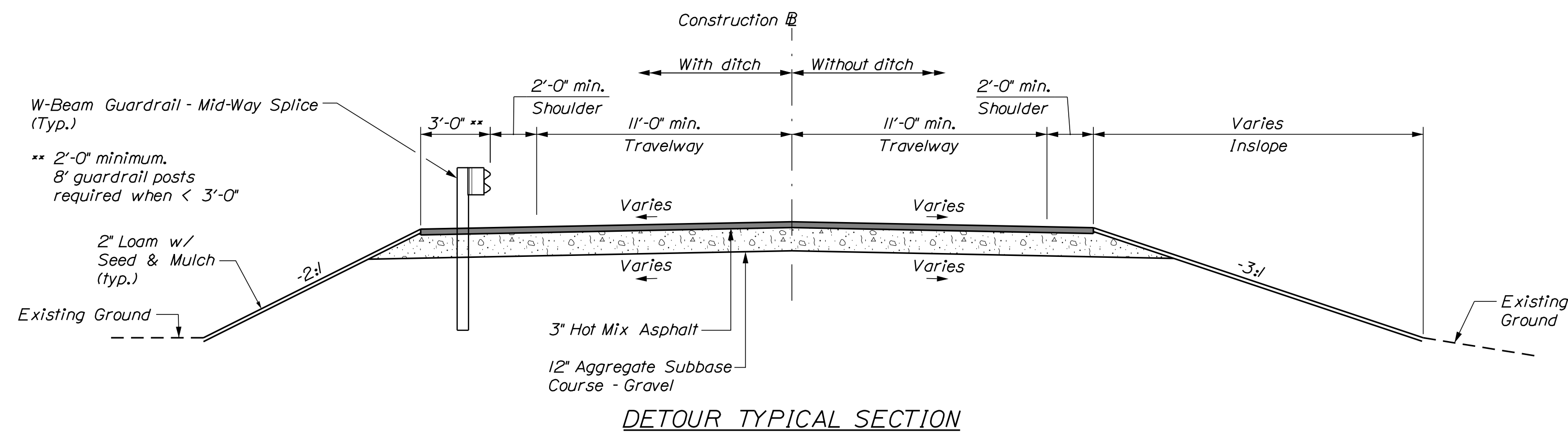
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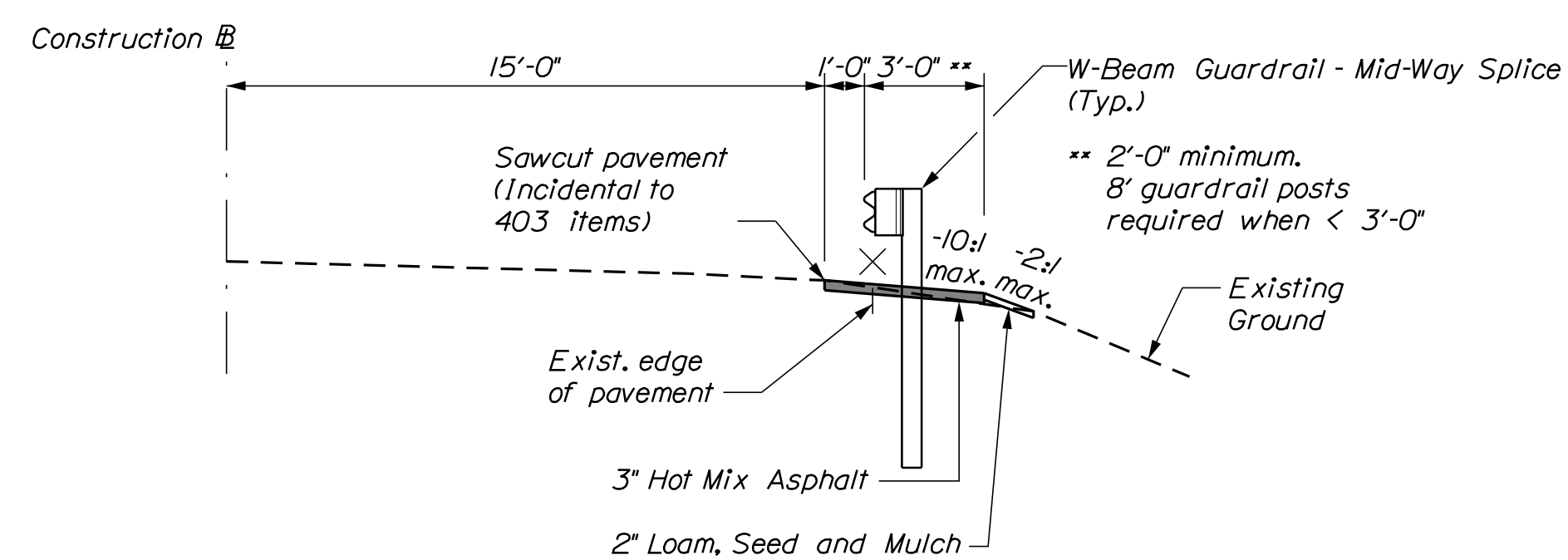
**ROUTE 6 & 15
NORMAL CROWN
FULL DEPTH CONSTRUCTION**
Sta. 11+50 to Sta. 12+00



**ROUTE 6 & 15
SUPERELEVATED
FULL DEPTH CONSTRUCTION**
Sta. 5+00 to Sta. 11+50



DETOUR TYPICAL SECTION



**GUARDRAIL INSTALLATION
WITH MINOR GRADING**
Sta. 12+50 to Sta. 15+84

SUPERELEVATION TABLE (e)				
LEFT SHOULDER	LEFT TRAVELWAY	STATION	RIGHT TRAVELWAY	RIGHT SHOULDER
0.4%	5.6%	4+50	-6.1%	-6.1%
-0.4%	5.6%	4+75	-5.8%	-5.8%
-1.2%	5.5%	5+00	-5.5%	-5.5%
-2.0%	5.5%	5+25	-5.5%	-5.5%
Full Super		to	Full Super	
-2.0%	5.5%	9+50	-5.5%	-5.5%
-2.0%	4.6%	9+75	-4.6%	-4.6%
-2.0%	4.0%	9+90	-4.0%	-4.0%
-2.4%	3.6%	10+00	-3.6%	-4.0%
-3.4%	2.7%	10+25	-2.7%	-4.0%
-4.0%	2.1%	10+40	-2.1%	-4.0%
-4.0%	2.0%	10+43.33	-2.0%	-4.0%
-4.0%	1.8%	10+50	-2.0%	-4.0%
-4.0%	0.8%	10+75	-2.0%	-4.0%
-4.0%	0.0%	10+96.67	-2.0%	-4.0%
-4.0%	-0.1%	11+00	-2.0%	-4.0%
-4.0%	-1.1%	11+25	-2.0%	-4.0%
-4.0%	-2.0%	11+50	-2.0%	-4.0%
-4.0%	-2.0%	11+75	-2.0%	-4.0%
-3.0%	-2.0%	12+00	-2.0%	-4.0%
-2.0%	-1.2%	12+25	-2.5%	-3.7%
-1.1%	-0.4%	12+50	-3.0%	-3.3%

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
02/18
02/18
BY
MPC
M. PARLIN
M. PARLIN
SIGNATURE
P.E. NUMBER
DATE

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
TYPICAL SECTIONS

SHEET NUMBER

12

OF 63



Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515



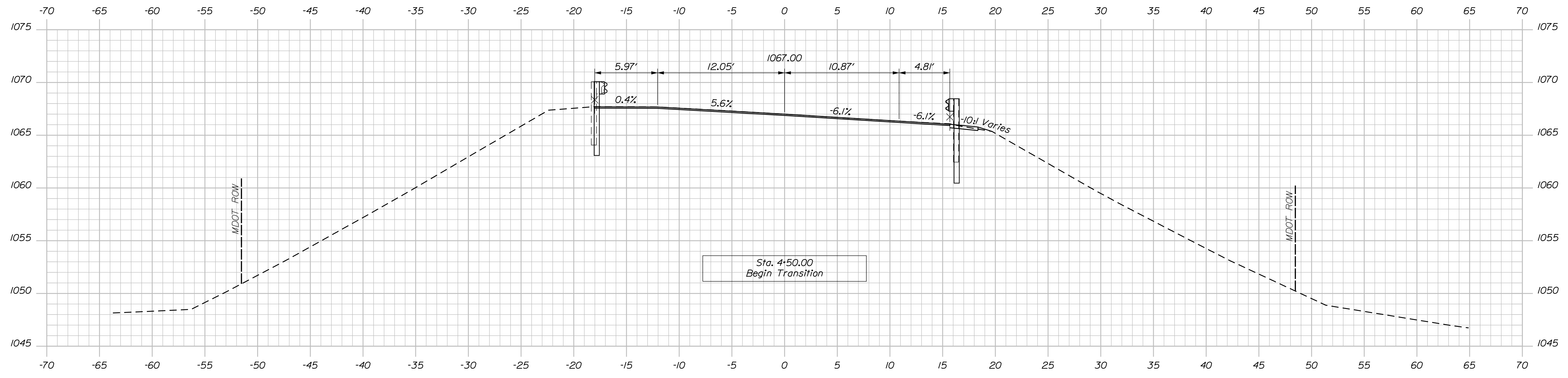
75 York Street, Portland, Maine 04101
207.879.1838 • beckerstructural.com

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

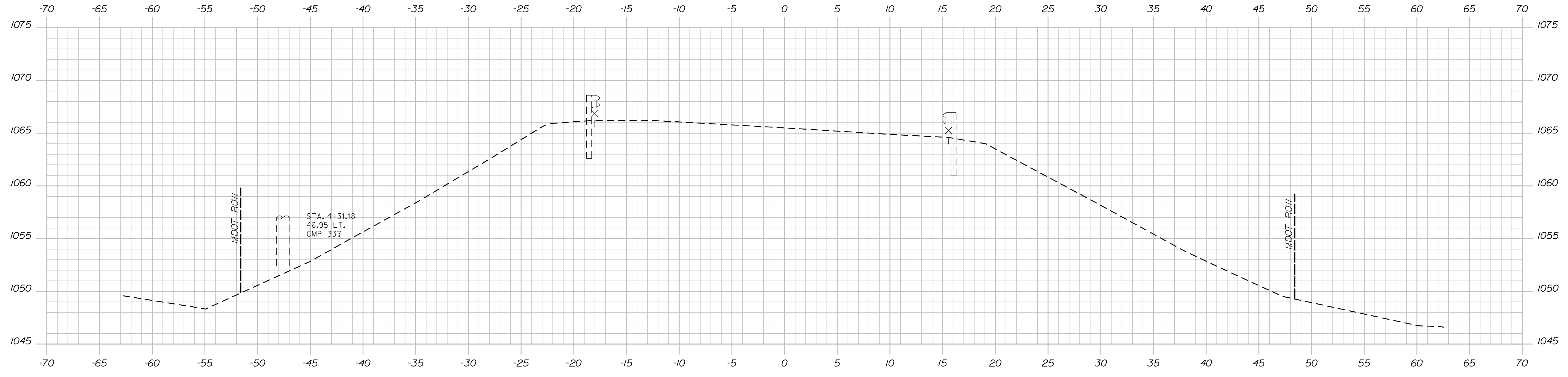
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Sta. 4+38.66 to Sta. 8+19.74, Lt.
Install W-Beam Guardrail - Mid-Way Splice

4+50.00

Sta. 4+44.54 to Sta. 5+08.08, Rt.
Install W-Beam Guardrail - Mid-Way Splice
with 8' posts



4+25.00

Sta. 0+75
Approx. Limit of Work

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN 021701.00
BRIDGE NO. 3266
BRIDGE PLANS

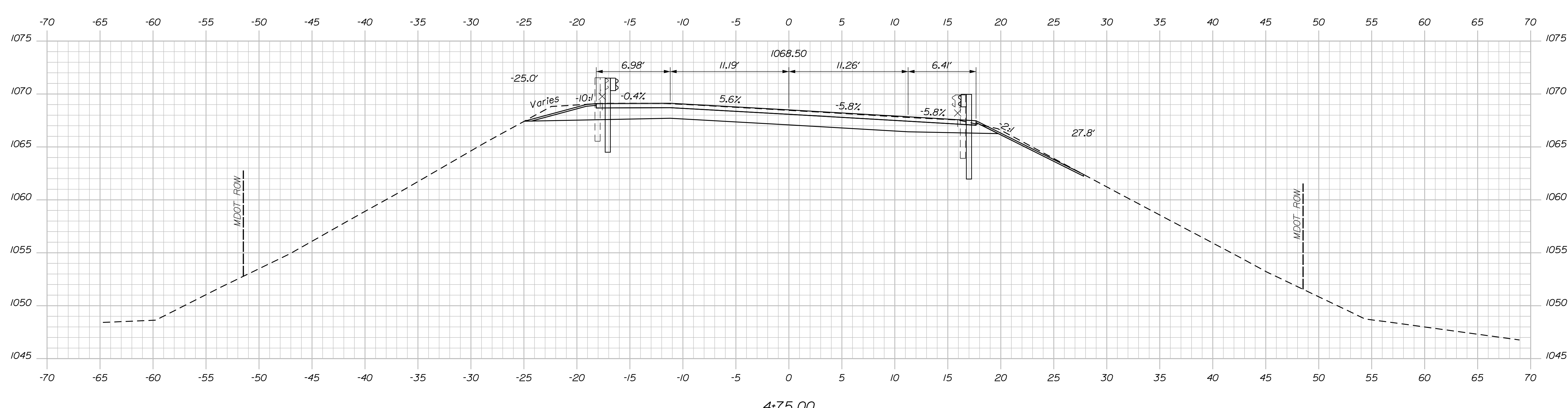
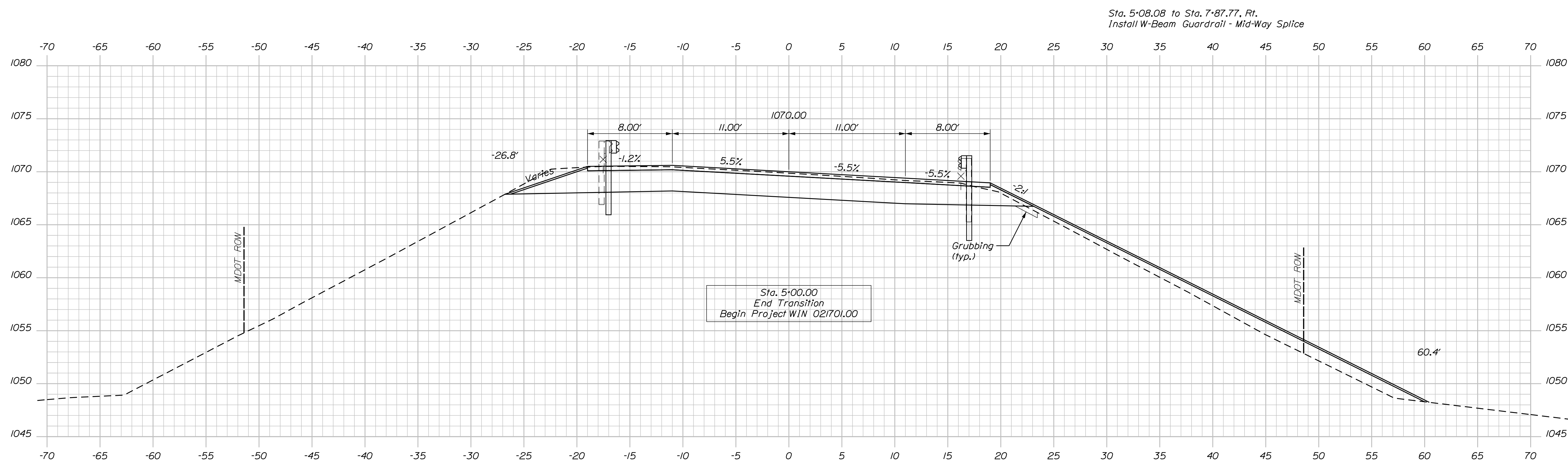
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CHECKED	DATE
DESIGNED	DATE
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	MPC	02/18
CHECKED/REVIEWED		02/18
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

SHEET NUMBER
13
OF 63

Filename: ... \Z - CAD\00\Bridges\Xsect.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 2/5/2018



Sta. 5+08.08 to Sta. 7+87.77, Rt.
 Install W-Beam Guardrail - Mid-Way Splice

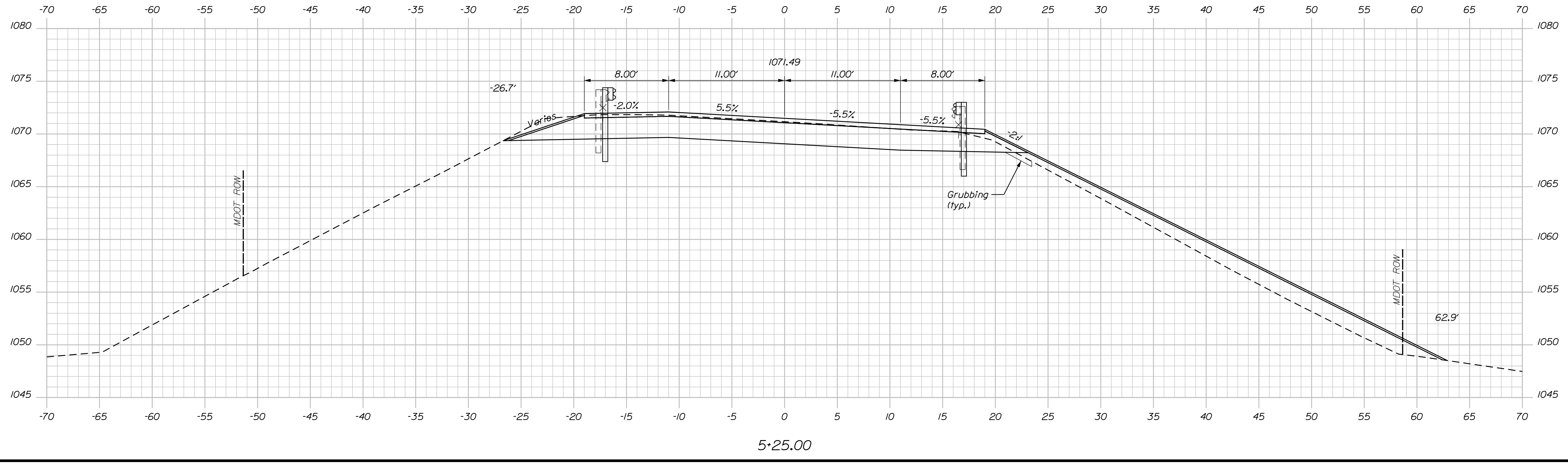
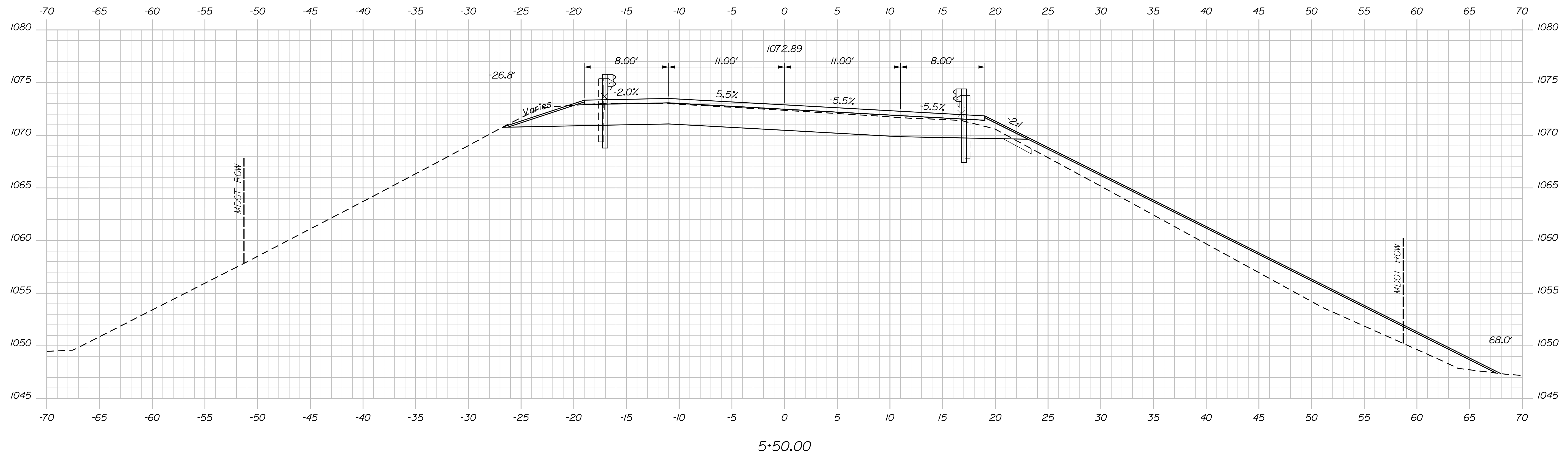
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY		BRIDGE NO. 3256 WIN 021701.00 BRIDGE PLANS
PROJ. MANAGER	M. PARLIN	DATE
DESIGN DETAILED	BH	02/18
CHECKED-REVIEWED	BH	02/18
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
CROSS SECTIONS		SHEET NUMBER
14		OF 63

Username: Mike.Cundiff

Date: 2/5/2018

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridge\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER	DATE	SIGNATURE
DESIGN-DETAILED	02/18	
CHECKED-REVIEWED	02/18	
DESIGN-DETAILED		
REVISIONS 1		P.E. NUMBER
REVISIONS 2		DATE
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY

CROSS SECTIONS

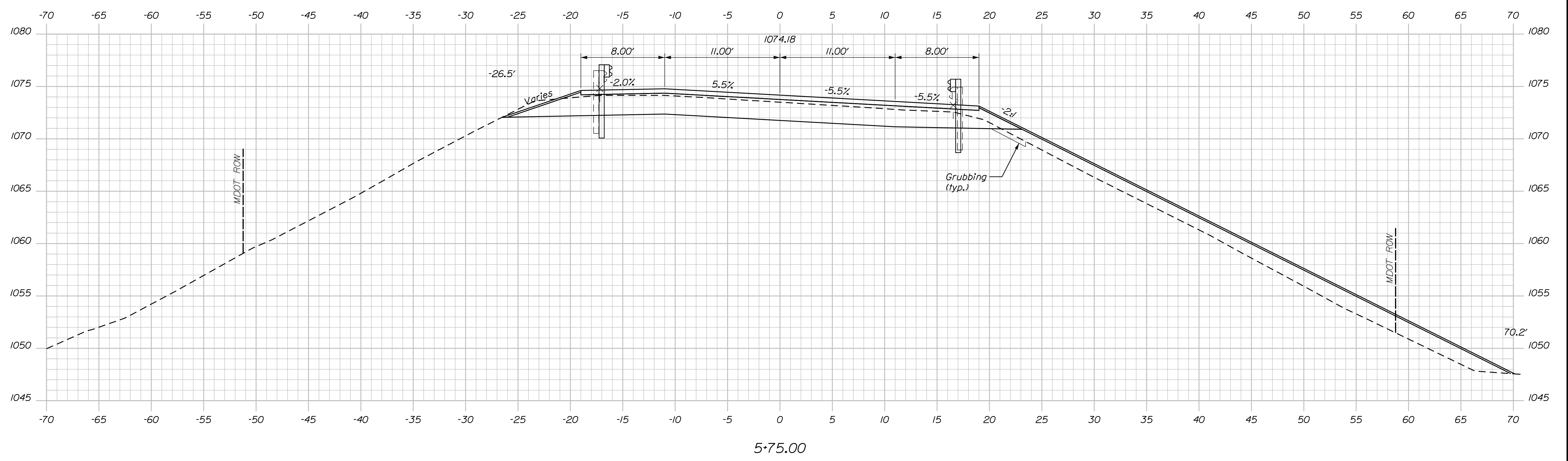
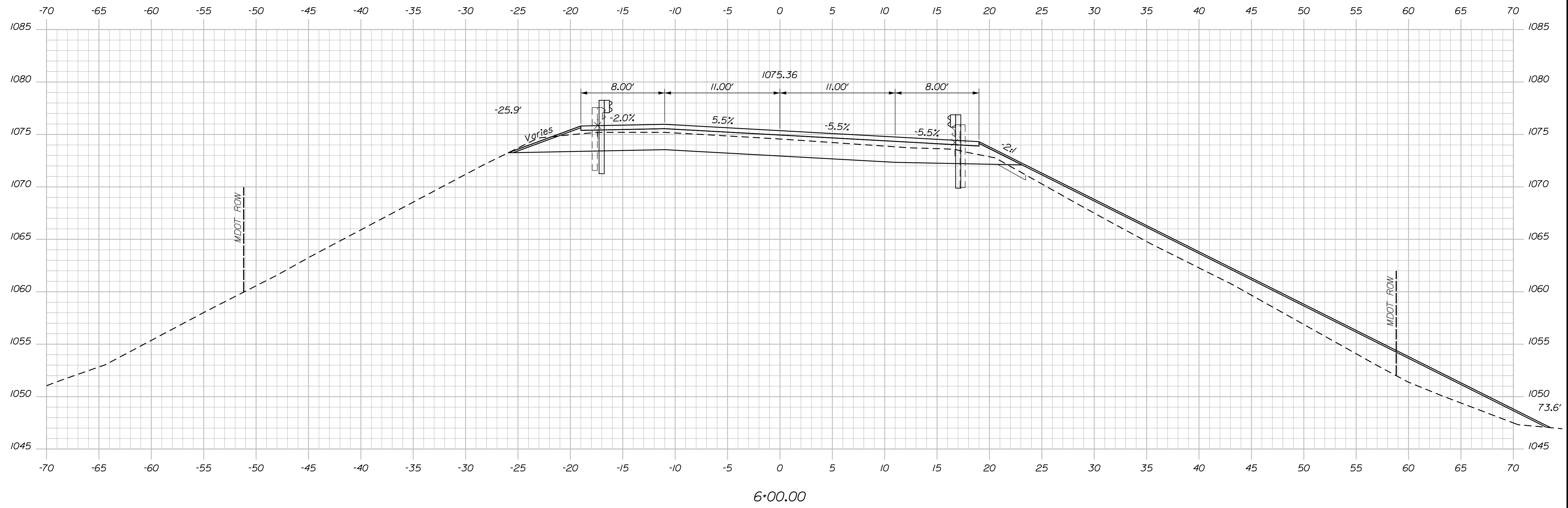
SHEET NUMBER
15
OF 63

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Bridges\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN 021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER	DATE	BY	DATE
M. PARLIN	02/18	MPC	02/18
DESIGN DETAILED	BMH	CHECKED-REVIEWED	BMH
DESIGN DETAILED	BMH	DESIGN DETAILED	BMH
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

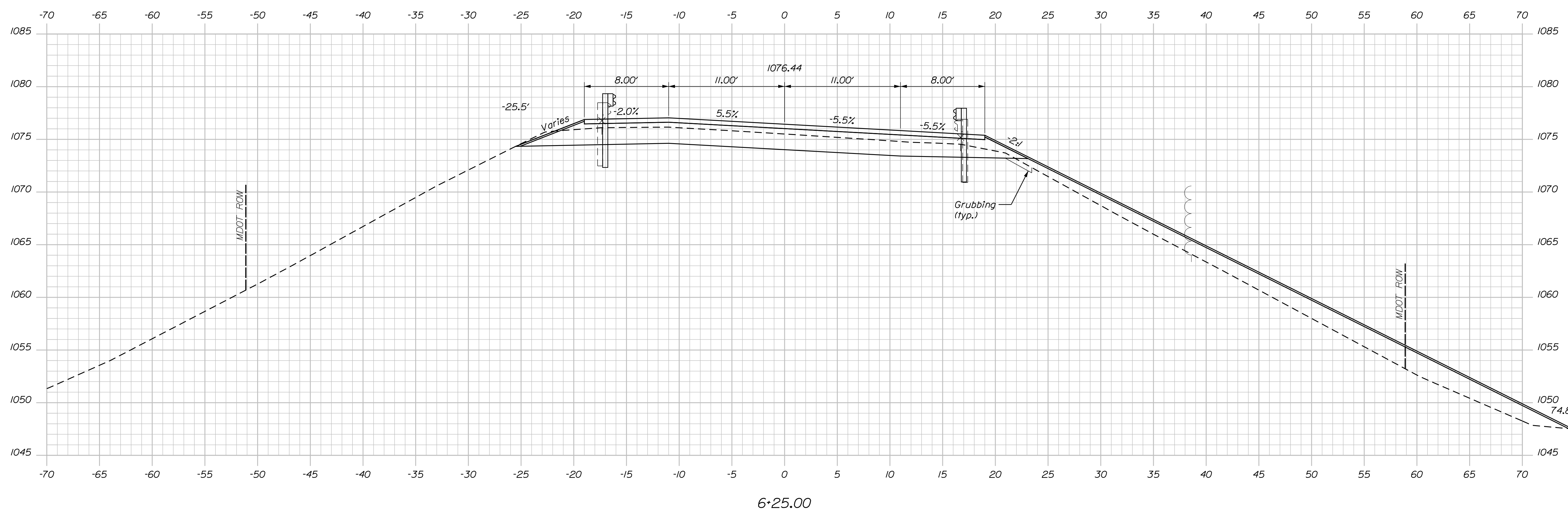
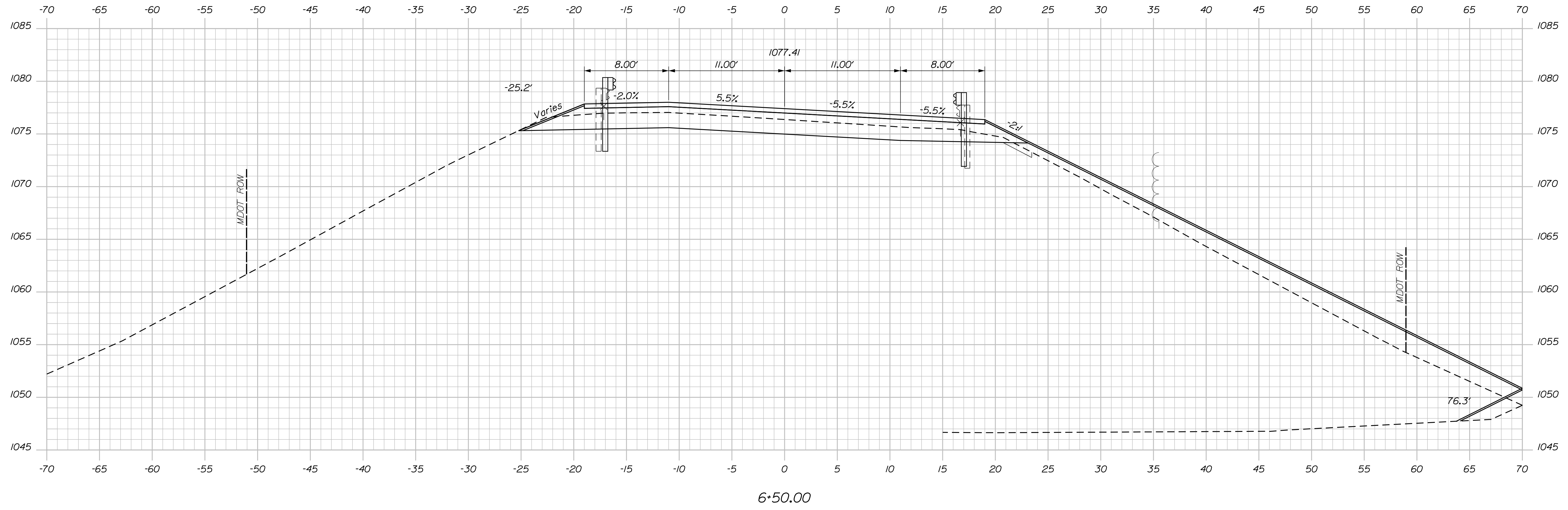
SHEET NUMBER
16
OF 63

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn



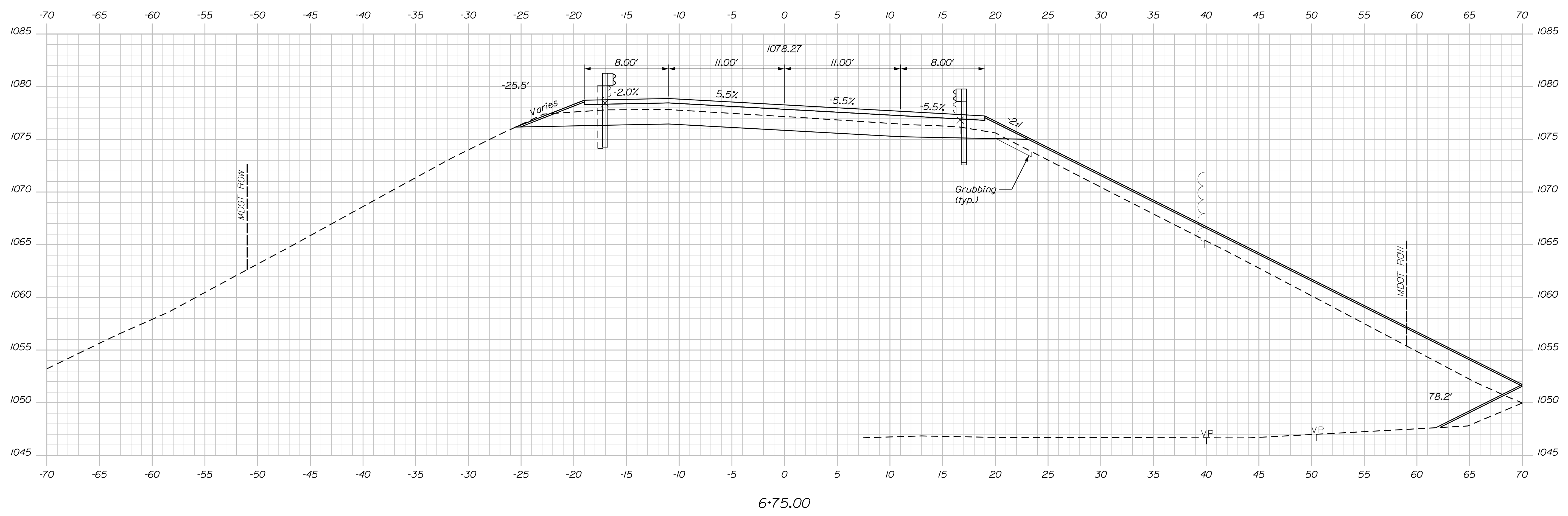
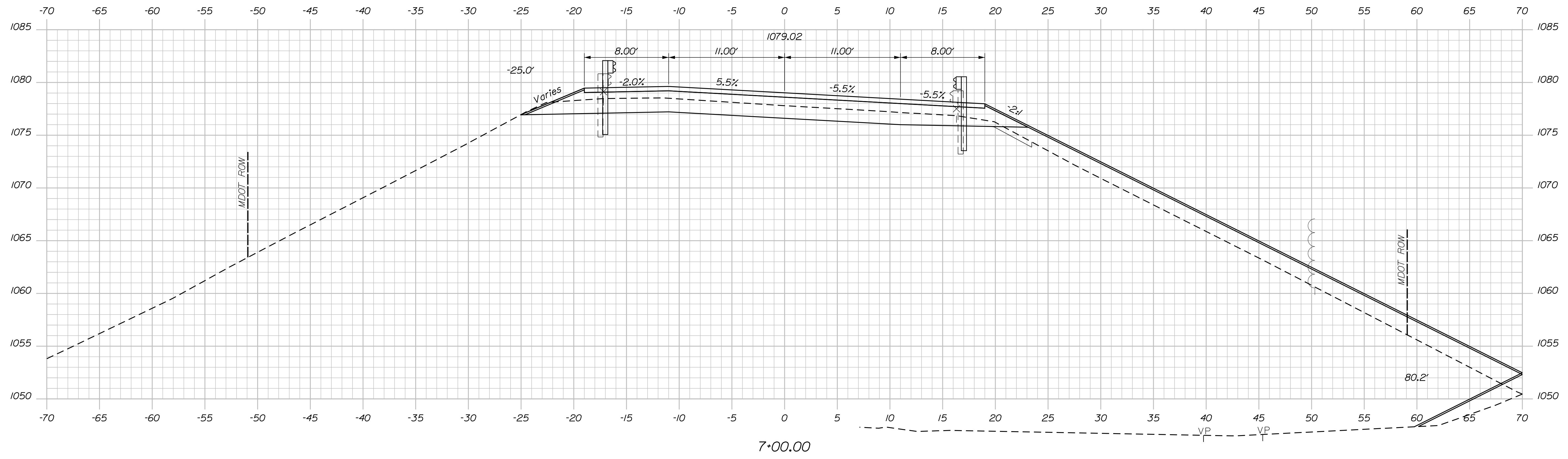
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00		WIN		021701.00		BRIDGE NO. 3256		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP		SOMERSET COUNTY		CROSS SECTIONS		SHEET NUMBER		17	
OF 63		DATE		SIGNATURE		P.E. NUMBER		DATE		BY		M. PARLIN	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
BMH		BMH		BMH		BMH		BMH		BMH		BMH	
DATE		DATE		DATE		DATE		DATE		DATE		DATE	
02/18		02/18		02/18		02/18		02/18		02/18		02/18	
MPC		MPC		MPC		MPC		MPC		MPC		MPC	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridge\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN 021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER
DESIGN DETAILED
CHECKED-REVIEWED
DESIGNS DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
02/18
02/18
SIGNATURE
P.E. NUMBER
DATE

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

SHEET NUMBER
18
OF 63

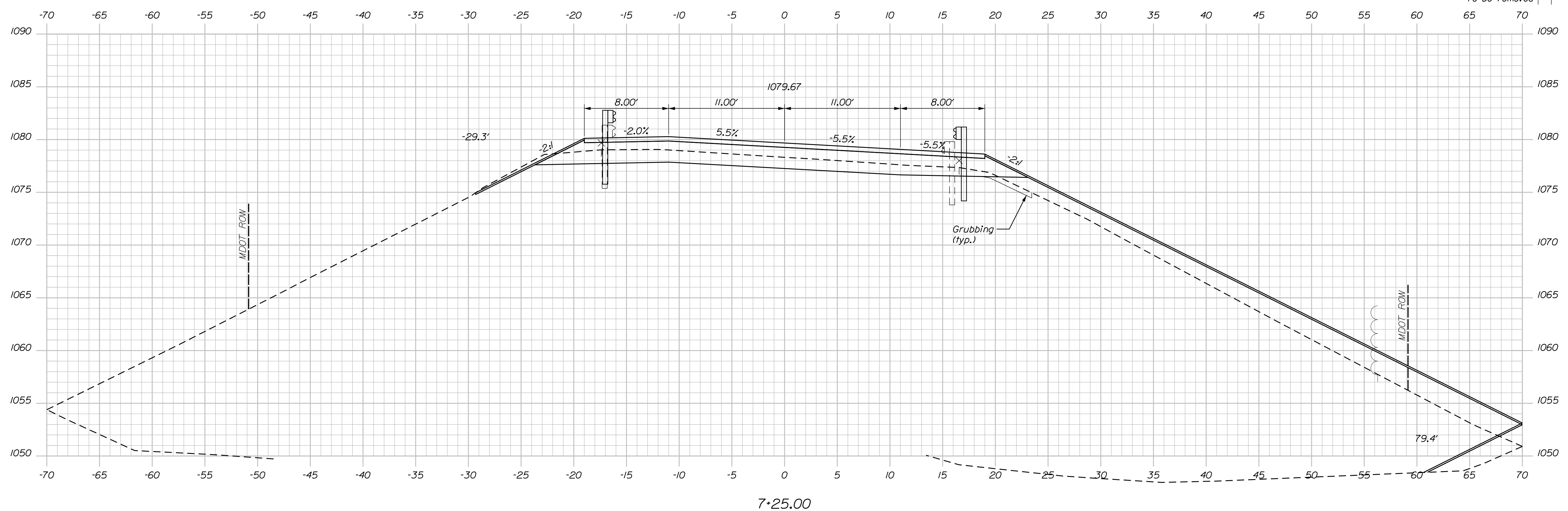
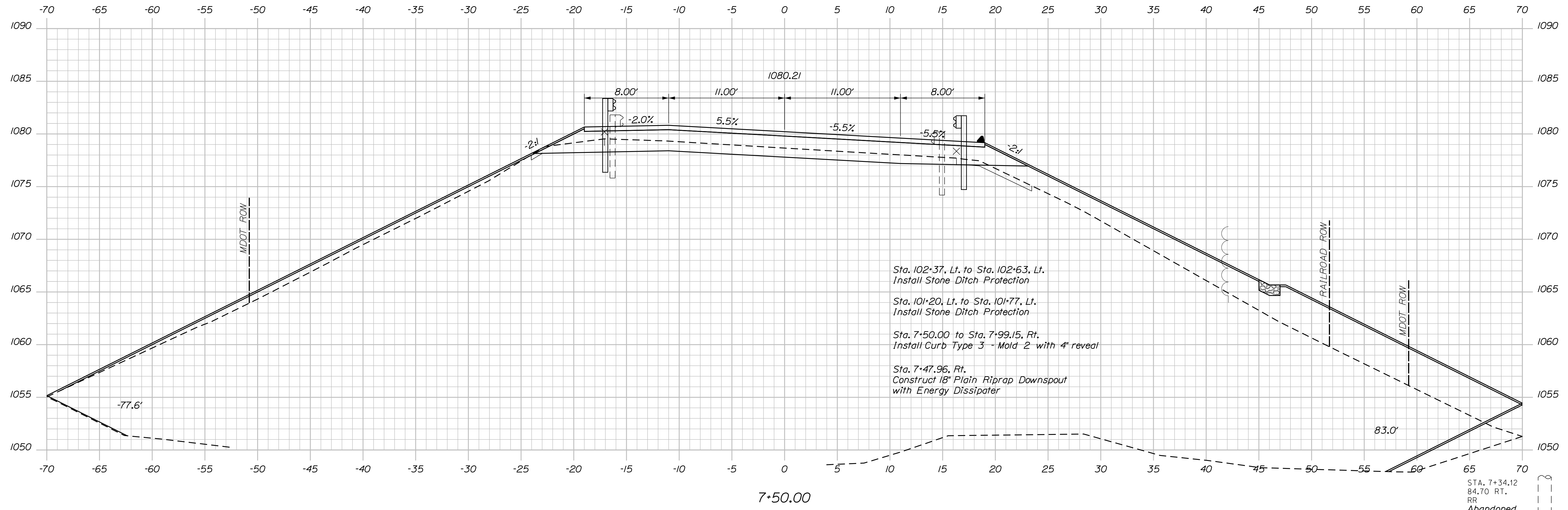
Sta. 6+75.00 to Sta. 7+00.00

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Bridge\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00

BRIDGE NO. 3256
WIN
021701.00
BRIDGE PLANS

PROJ. MANAGER	DATE	BY	DATE
M. PARLIN	02/18	MPC	02/18
DESIGN DETAILED	BMH	CHECKED-REVIEWED	BMH
DESIGNS DETAILED		DESIGNS DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

SHEET NUMBER
19
OF 63

Sta. 7+25.00 to Sta. 7+50.00

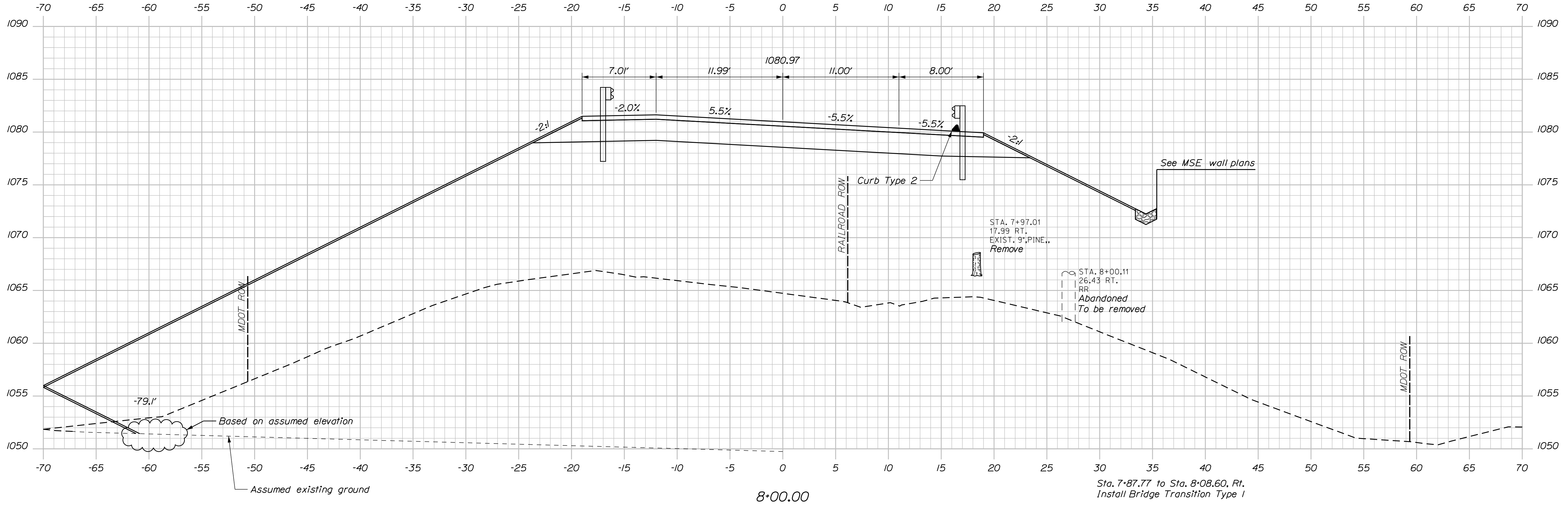
Username: Mike.Cundiff

Date: 2/5/2018

Division: HIGHWAY

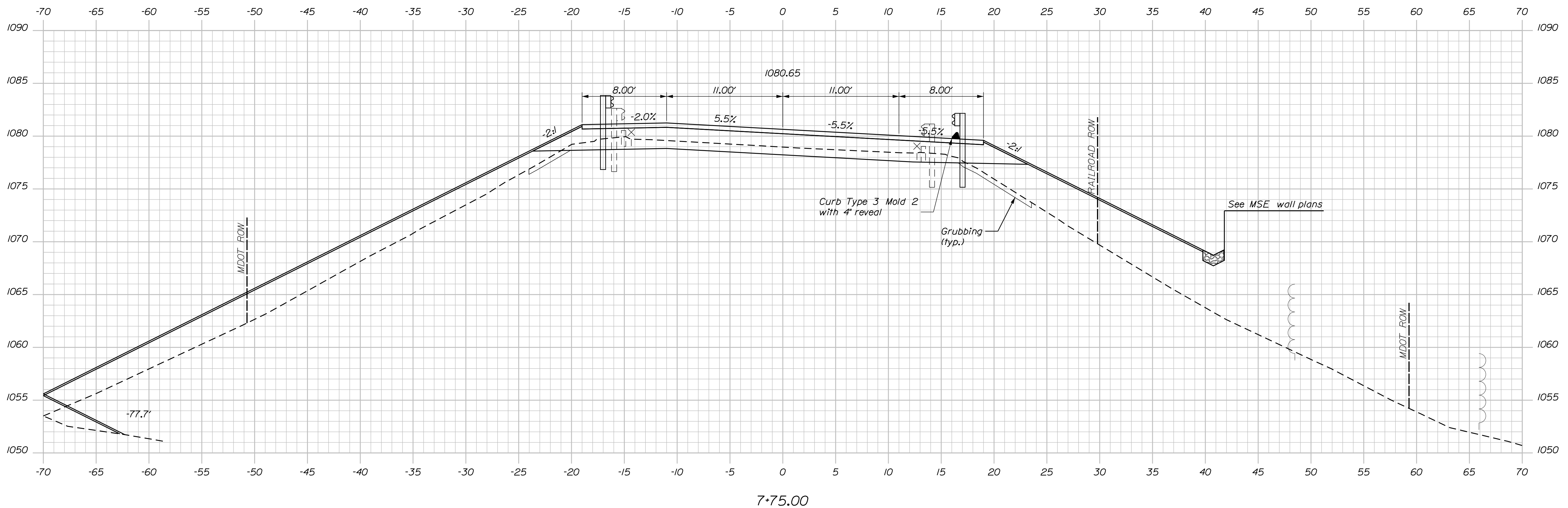
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Sta. 8+19.74 to Sta. 8+39.88, Lt.
Install Bridge Transition Type I



8+00.00

Sta. 7+87.77 to Sta. 8+08.60, Rt.
Install Bridge Transition Type I



7+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
BRIDGE NO. 3256
WIN
021701.00
BRIDGE PLANS

PROJ. MANAGER	M. PARLIN	DATE	02/18
DESIGN-DETAILED	BMH	BY	MPC
CHECKED-REVIEWED	BMH	DATE	02/18
DESIGNS-DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY

CROSS SECTIONS

SHEET NUMBER
20
OF 63

Sta. 7+75.00 to Sta. 8+00.00

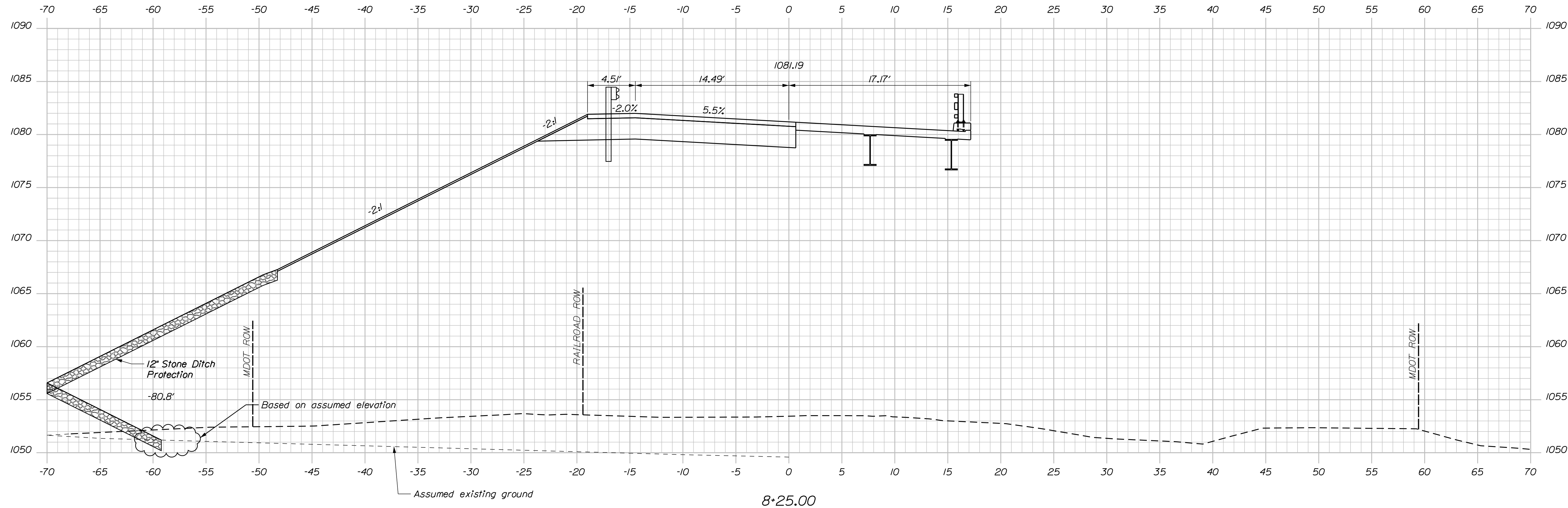
Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Bridge\Xsect.dgn

Sta. 8+73.83 Route 6/15 Construction \mathbb{B} =
Sta. 102+37.42 Central Maine and Quebec Railway \mathbb{C}



8+25.00

Sta. 8+25.00 to Sta. 8+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER	M. PARLIN	DATE	
DESIGN-DETAILED	BMH	02/18	SIGNATURE
CHECKED-REVIEWED	BMH	02/18	P.E. NUMBER
DESIGN-DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

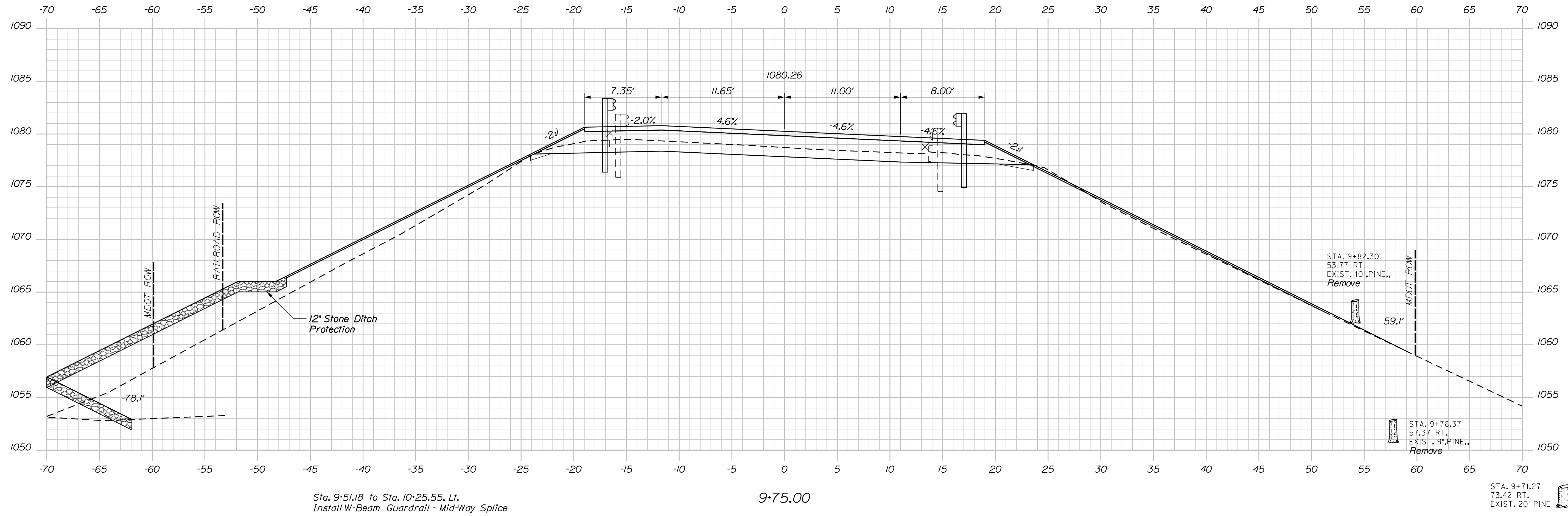
SHEET NUMBER
21
OF 63

Date: 2/5/2018

Username: Mike.Cundiff

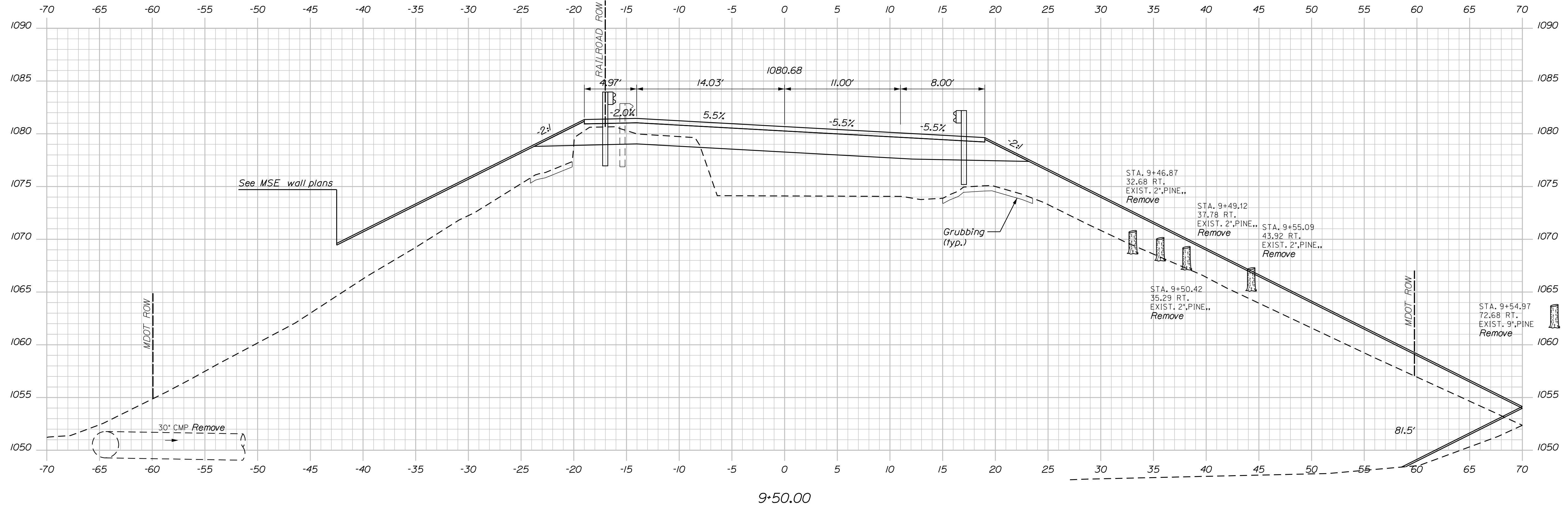
Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn



Sta. 9+51.18 to Sta. 10+25.55, Lt.
Install W-Beam Guardrail - Mid-Way Splice

9+75.00



See MSE wall plans

Grubbing (typ.)

9+50.00

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SOMERSET COUNTY	
SAPLING TWP		CROSS SECTIONS		SHEET NUMBER	
23		OF 63		BRIDGE NO. 3256	
WIN		021701.00		BRIDGE PLANS	
PROJ. MANAGER	M. PARLIN	DATE	02/18	SIGNATURE	
CHECKED-REVIEWED	BMH	BY	MPC	P.E. NUMBER	
DESIGN-REVIEWED	BMH	DATE	02/18	DATE	
DESIGN-REVIEWED	BMH				
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

Sta. 9+50.00 to Sta. 9+75.00

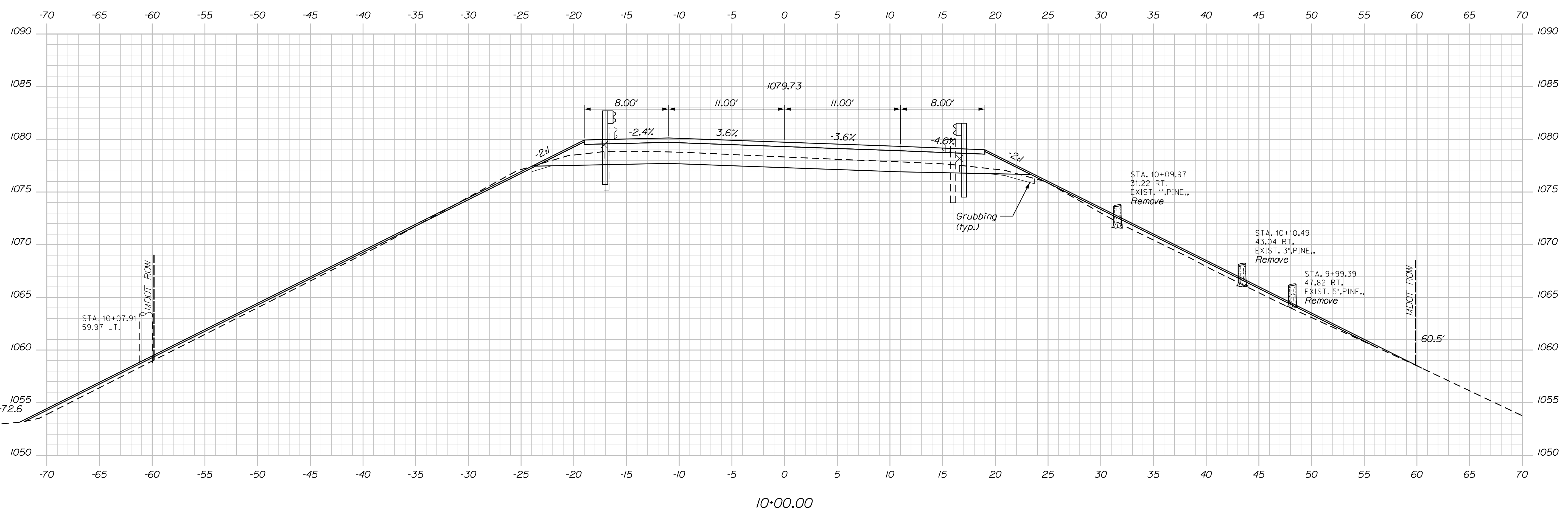
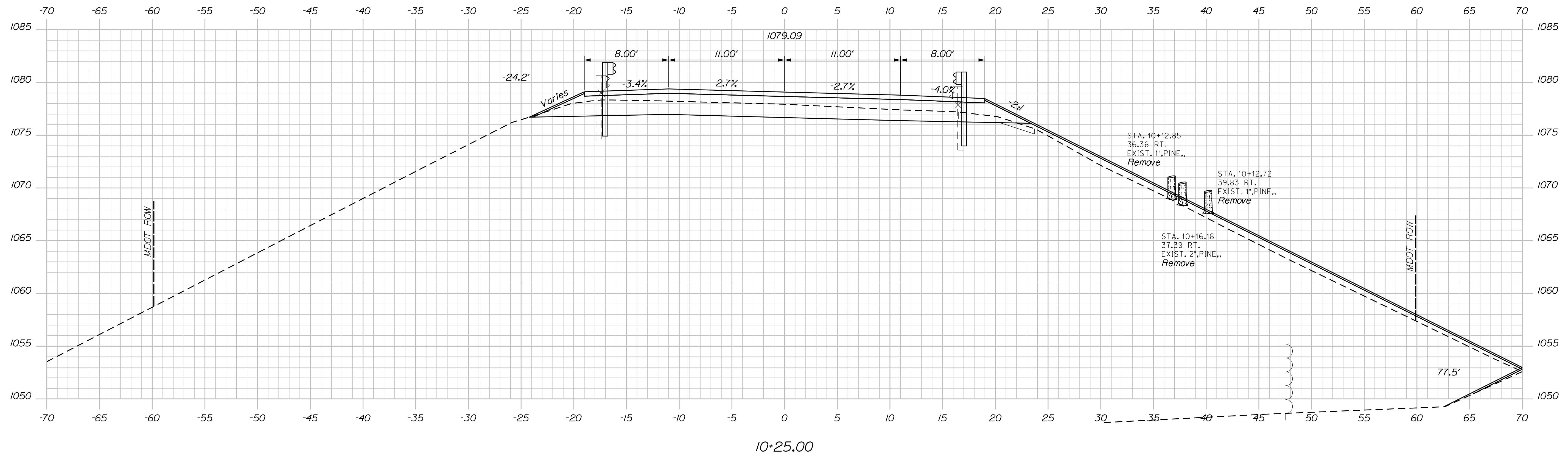
Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Bridges\Xsect.dgn

Sta. 10+25.55 to Sta. 11+25.55, Lt.
Install W-Beam Guardrail - Mid-Way Splice
with 8' posts



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SOMERSET COUNTY	
SAPLING TWP		CROSS SECTIONS		BRIDGE NO. 3256	
SHEET NUMBER		24		OF 63	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
M. PARLIN	02/18	MPC	02/18		
DESIGN-DETAILED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
BMH		BMH			
CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
BMH		BMH			
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FIELD CHANGES					

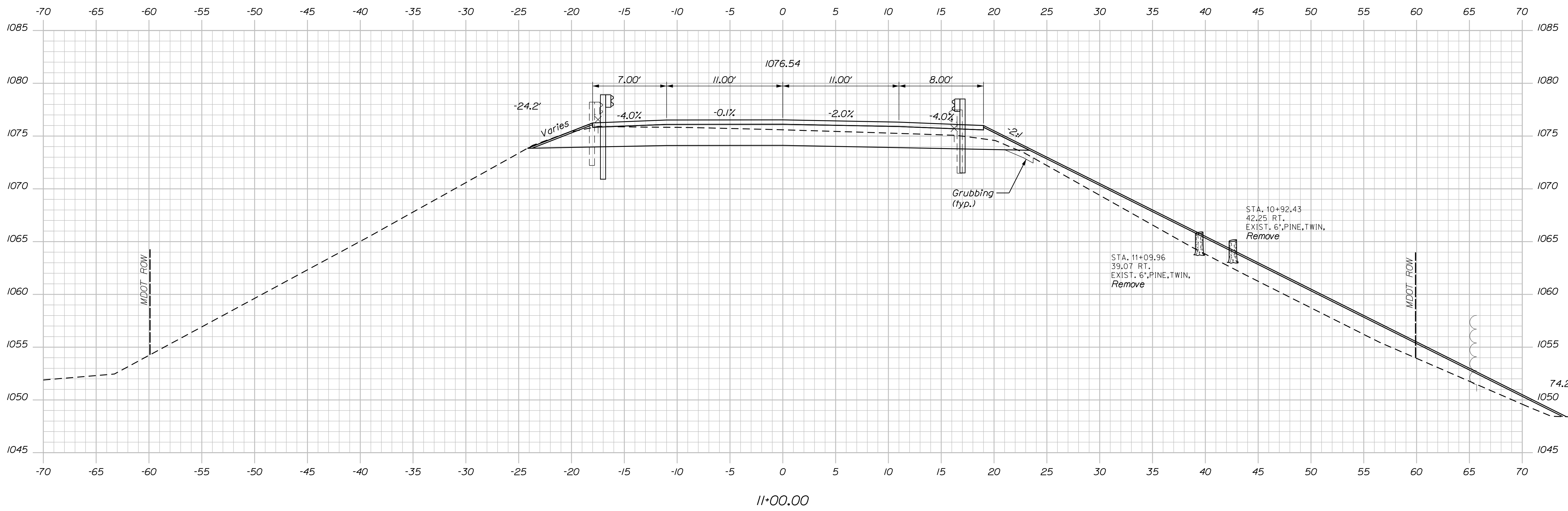
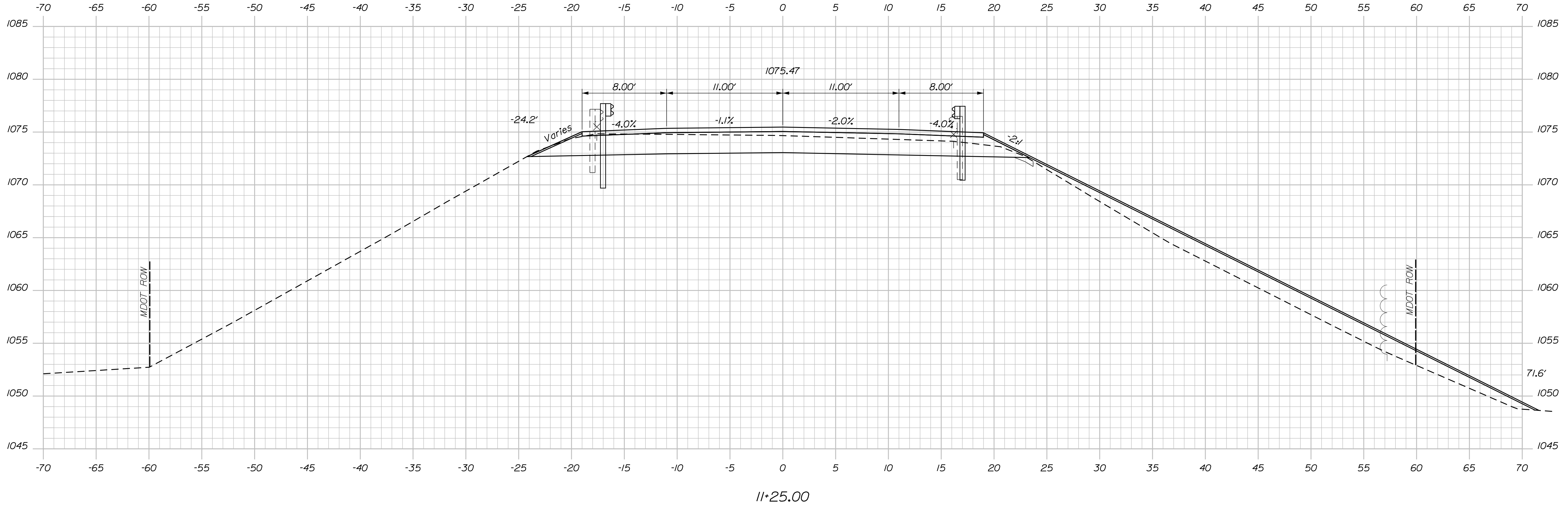
Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn

Sta. 11+25.55, Lt. to Sta. 12+50.55
Install W-Beam Guardrail - Mid-Way Splice



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

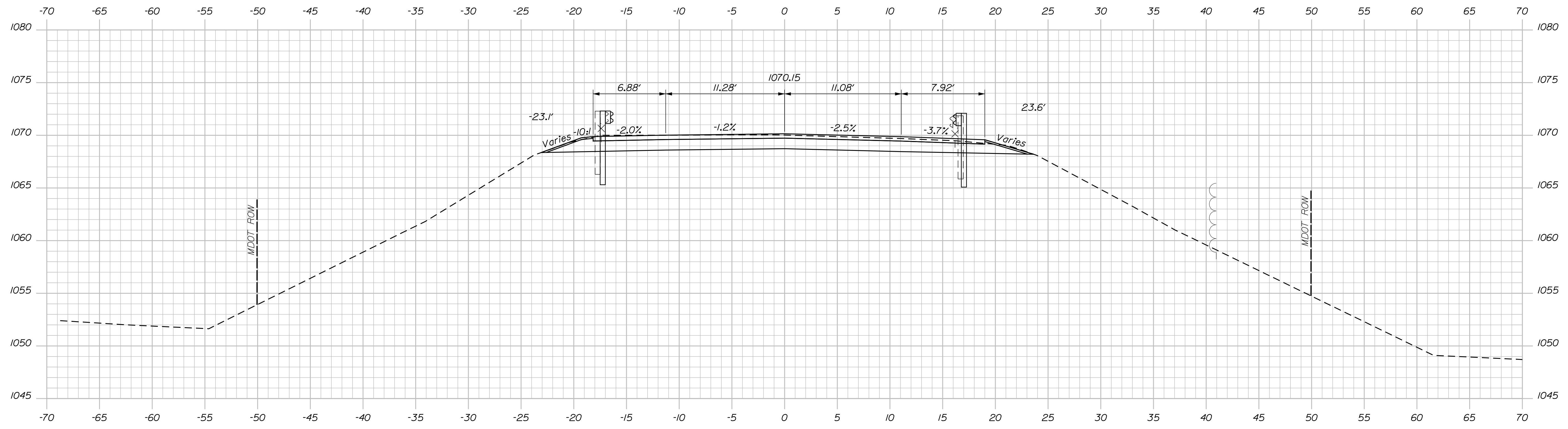
PROJ. MANAGER
M. PARLIN
BY
MPC
DATE
02/18
SIGNATURE
P.E. NUMBER
DATE

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CHECKED-REVIEWED
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REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

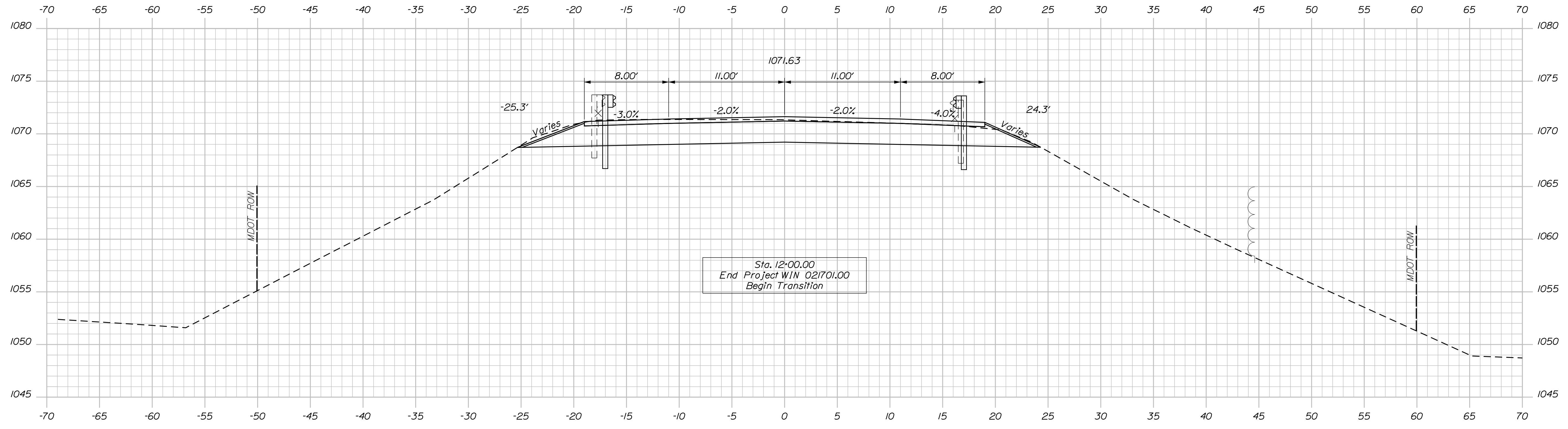
C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

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26
OF 63

Filename: ... \Z - CAD\00\Bridges\Xsect.dgn Division: HIGHWAY Username: Mike.Cundiff Date: 2/5/2018



12+25.00



Sta. 12+00.00
End Project WIN 021701.00
Begin Transition

12+00.00

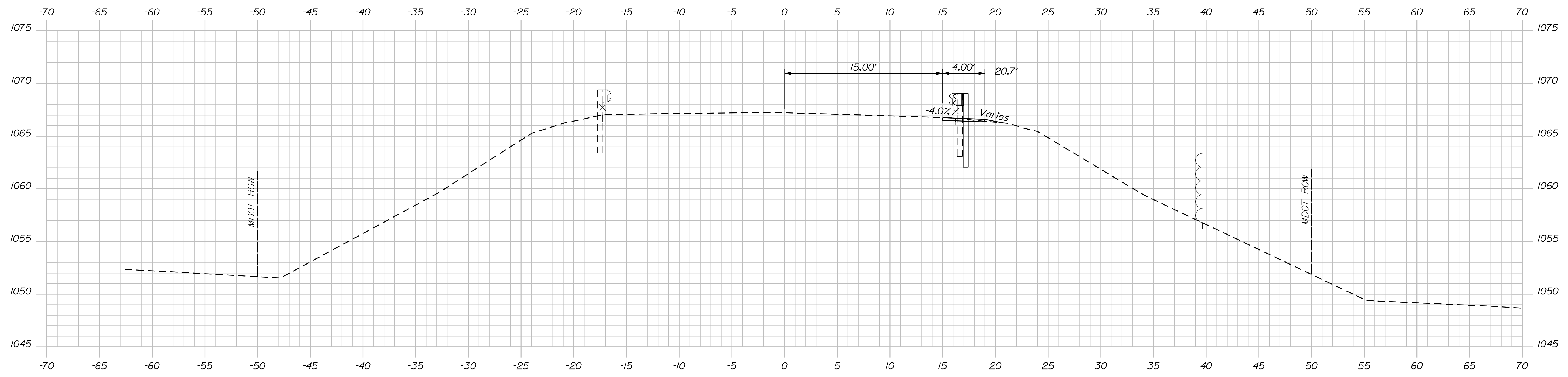
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00	
BRIDGE NO. 3256		WIN 021701.00	
BRIDGE PLANS			
PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER
M. PARLIN	02/18		
CHECKED-REVIEWED	DATE		
BMH	02/18		
DESIGN-REVIEWED			
BMH			
DESIGN-DETAILED			
BMH			
REVISIONS 1			
REVISIONS 2			
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FIELD CHANGES			
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY			
CROSS SECTIONS			
SHEET NUMBER			
28			
OF 63			

Date: 2/5/2018

Username: Mike.Cundiff

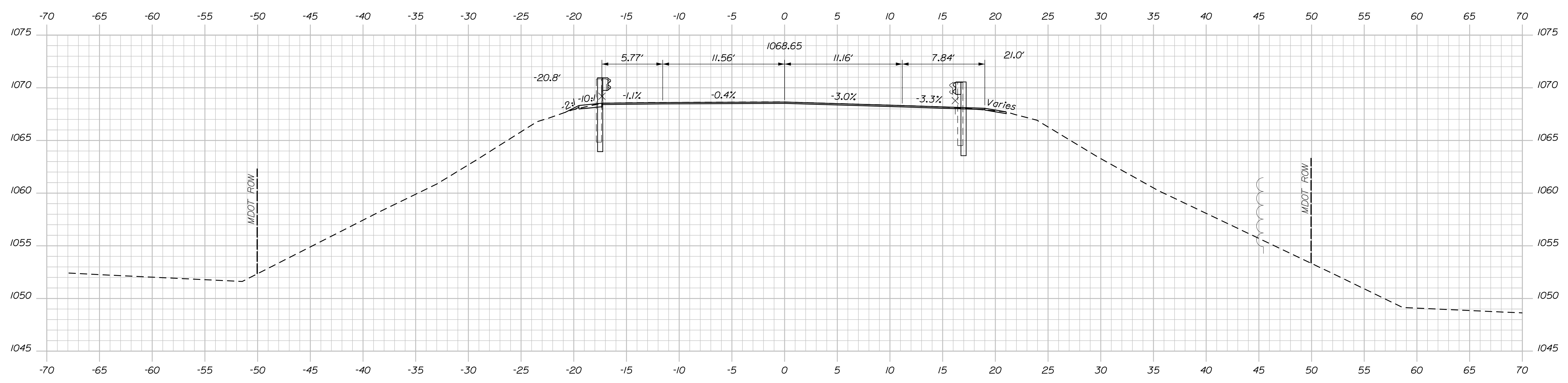
Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn



12+75.00

Sta. 12+50.00
End Transition



12+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

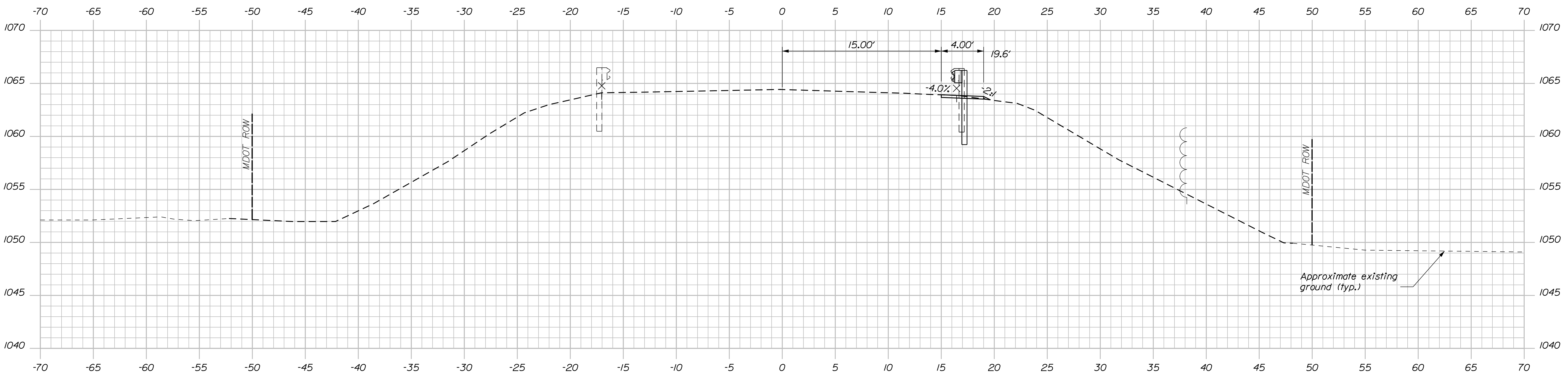
PROJ. MANAGER	BY	DATE	SIGNATURE
M. PARLIN	MPC	02/18	
DESIGN DETAILED		02/18	
CHECKED-REVIEWED			
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

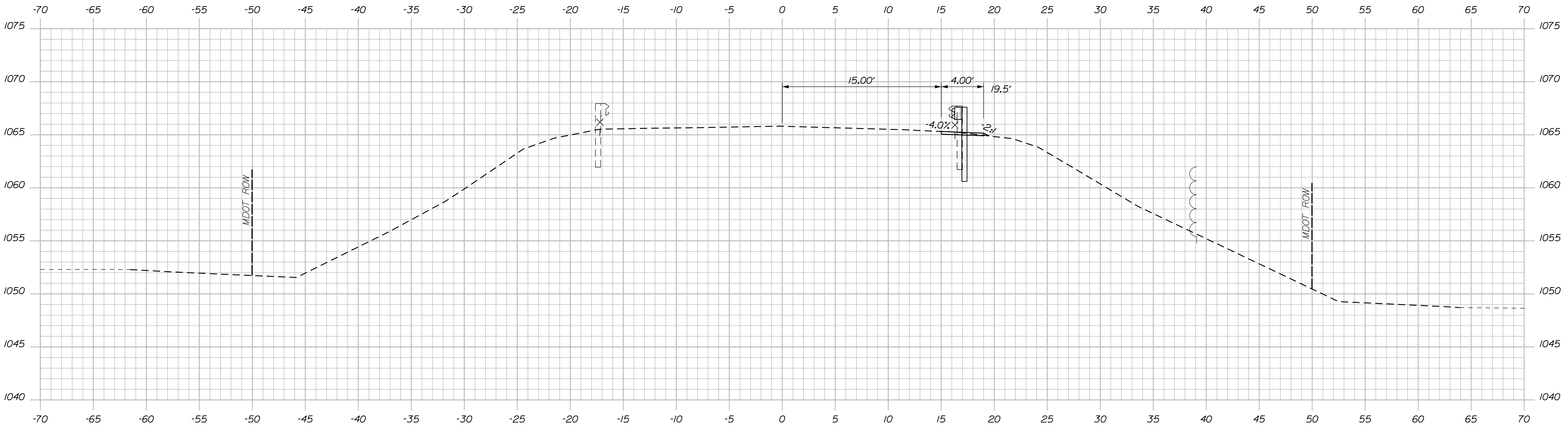
SHEET NUMBER
29
OF 63

Sta. 12+50.00 to Sta. 12+75.00

Filename: ... \Z - CAD\00\Bridges\Xsect.dgn Division: HIGHWAY Username: Mike.Cundiff Date: 2/5/2018



13+25.00



13+00.00

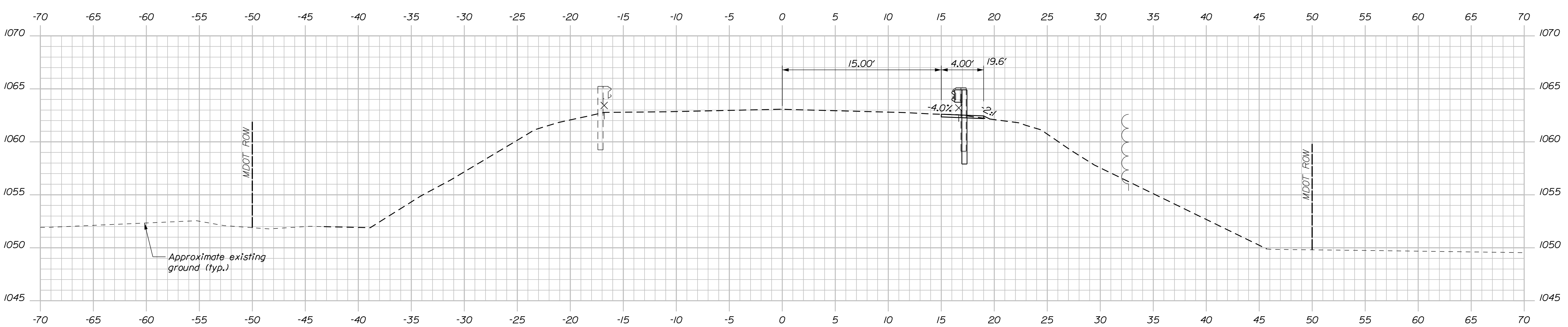
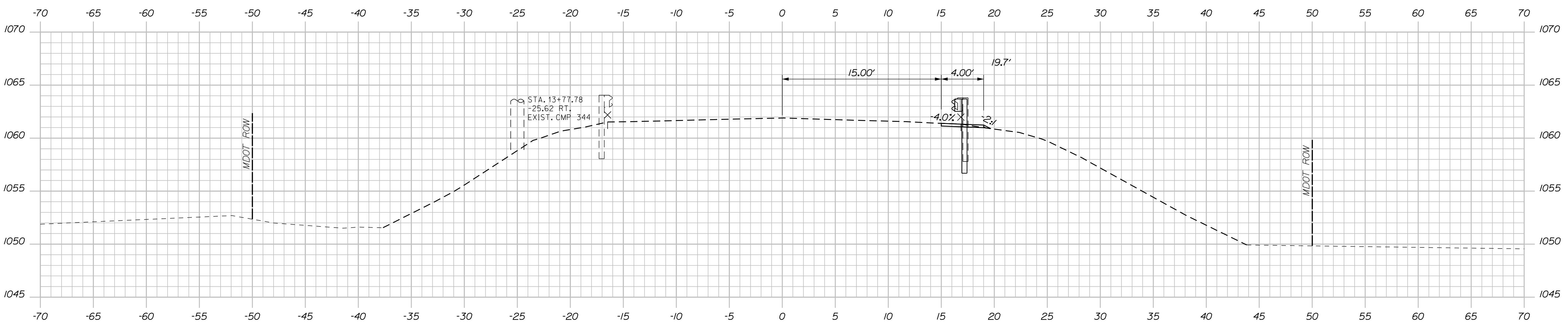
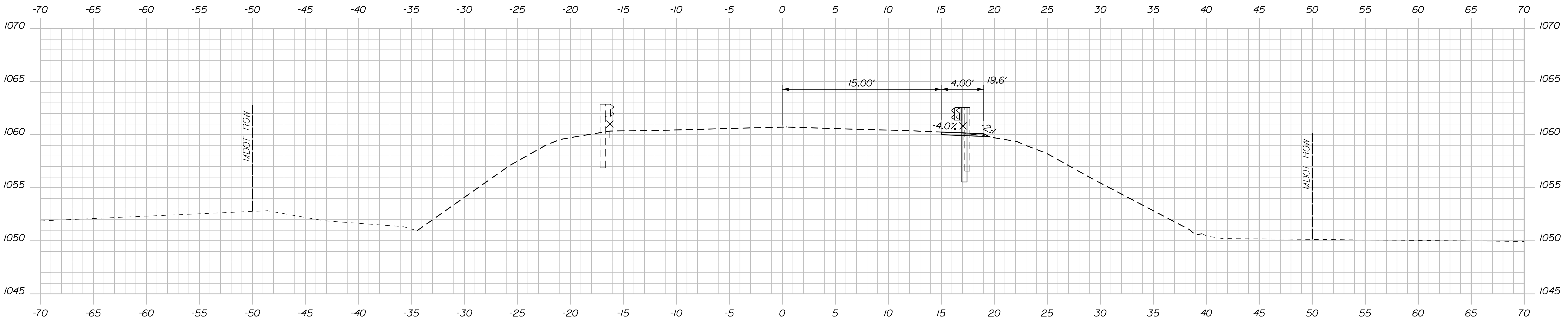
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00	
BRIDGE NO. 3256		WIN 021701.00	
BRIDGE PLANS			
PROJ. MANAGER	M. PARLIN	DATE	DATE
DESIGN DETAILED	BWH	02/18	
CHECKED-REVIEWED	BWH	02/18	SIGNATURE
DESIGN DETAILED			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY			
CROSS SECTIONS			
SHEET NUMBER			
30			
OF 63			

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \Z - CAD\00\Bridges\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER	M. PARLIN	DATE	02/18
CHECKED-REVIEWED	BHJ	BY	MPC
DESIGN-REVIEWED	BHJ	DATE	02/18
DESIGNS DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
CROSS SECTIONS

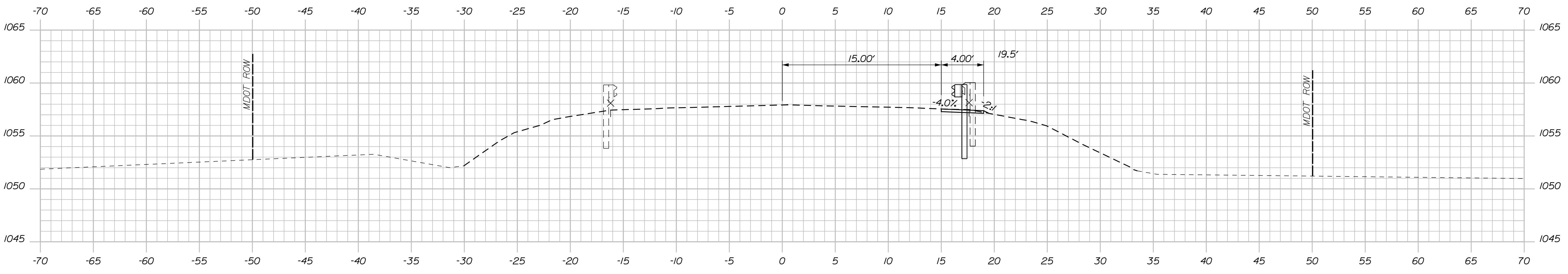
SHEET NUMBER
31
OF 63

Date: 2/5/2018

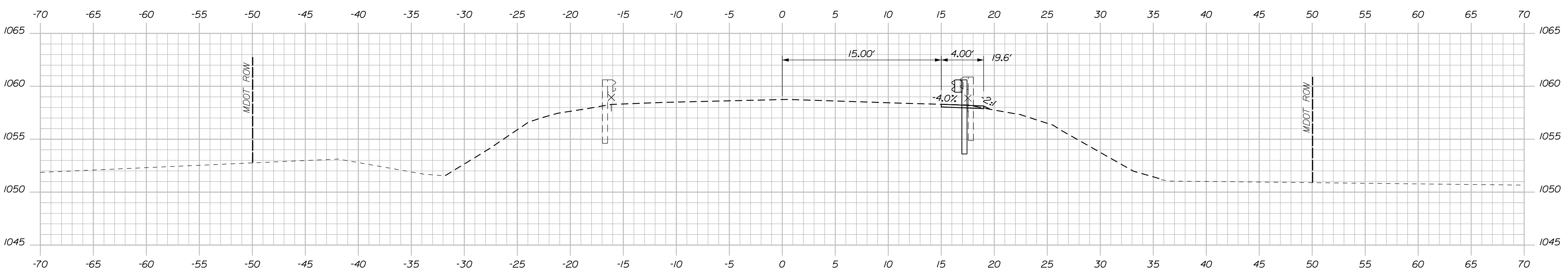
Username: Mike.Cundiff

Division: HIGHWAY

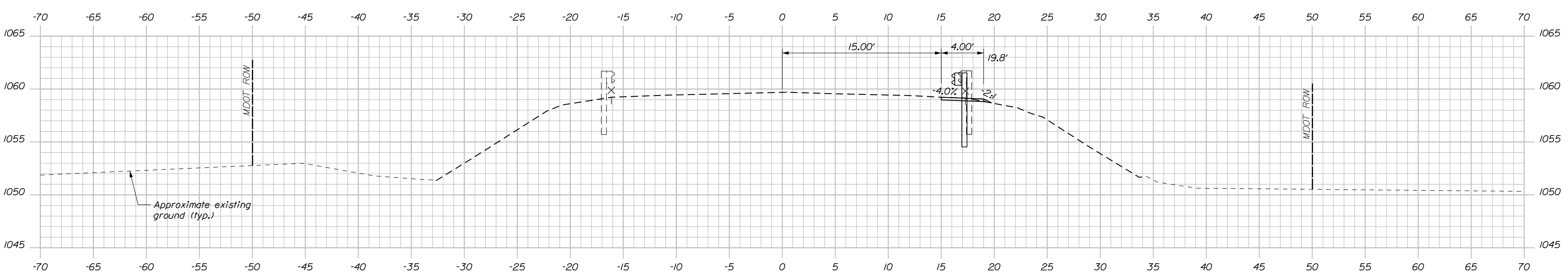
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14+75.00



14+50.00



14+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

DATE	02/18	SIGNATURE
BY	MPC	P.E. NUMBER
PROJ. MANAGER	M. PARLIN	DATE

DESIGN-DETAILED	BHJ
CHECKED-REVIEWED	BHJ
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP
SOMERSET COUNTY
CROSS SECTIONS

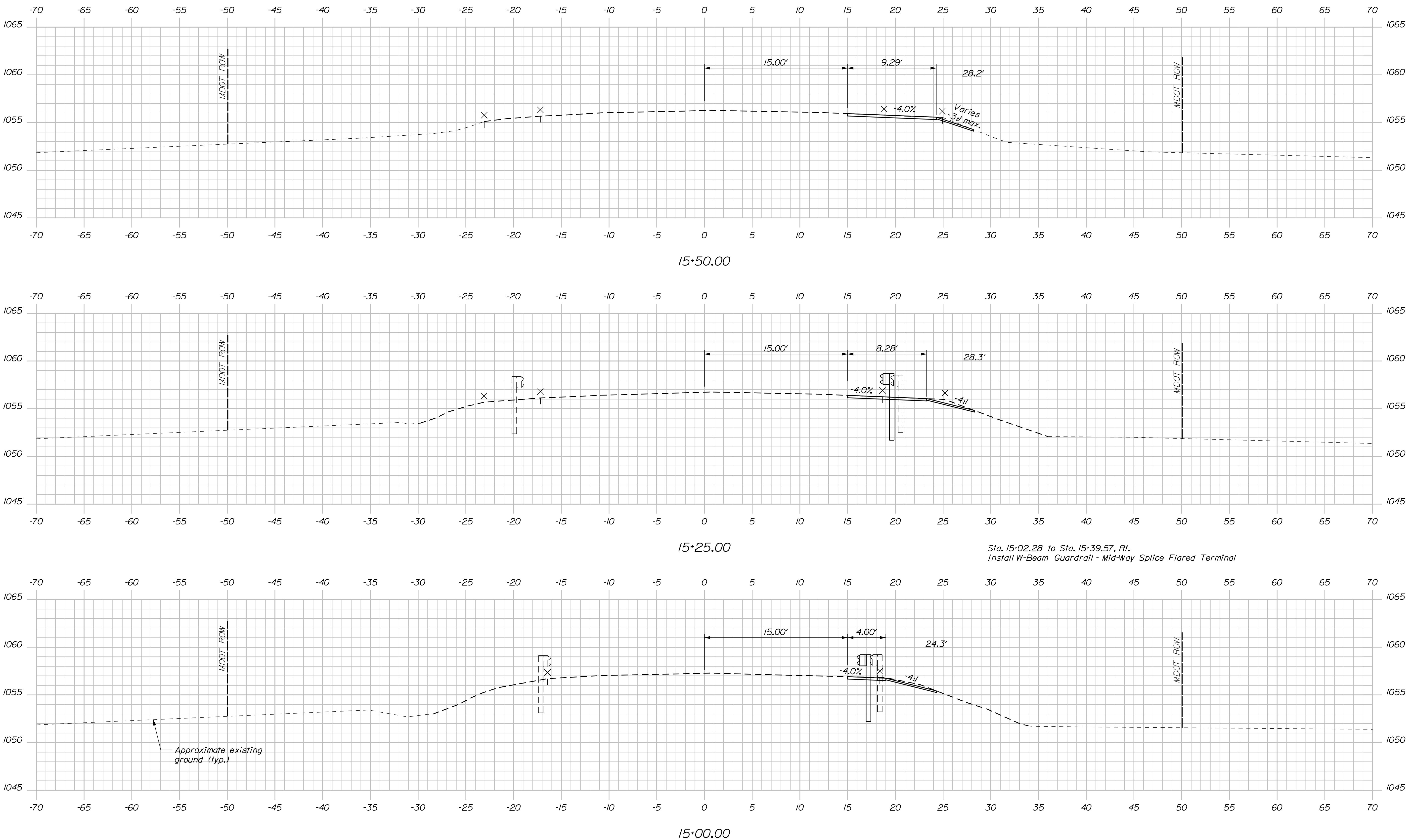
SHEET NUMBER
32
OF 63

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn



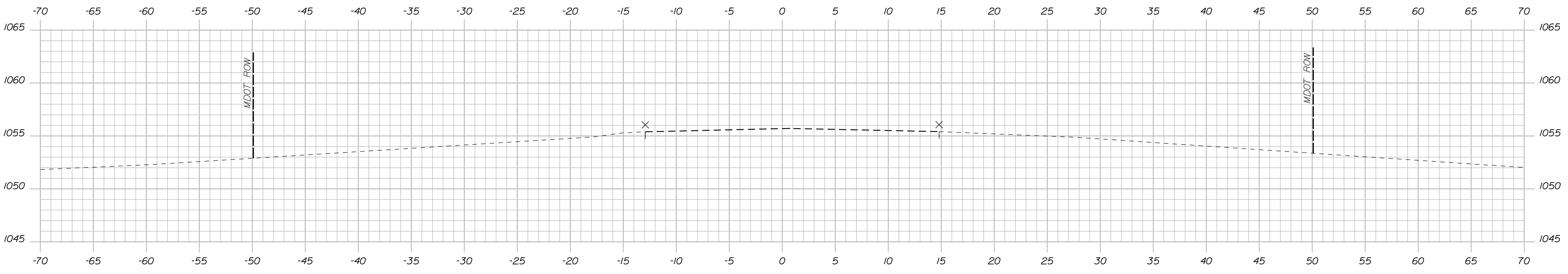
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00		BRIDGE NO. 3256		WIN 021701.00		BRIDGE PLANS	
DATE	02/18	BY	M. PARLIN	DATE		DATE		DATE	
DESIGN DETAILED	BMH	CHECKED	REVIEWED	DESIGN DETAILED		REVISIONS 1		REVISIONS 2	
DESIGN DETAILED	BMH	DESIGN DETAILED		DESIGN DETAILED		REVISIONS 3		REVISIONS 4	
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C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY					CROSS SECTIONS				
SHEET NUMBER					33				
OF 63									

Date: 2/5/2018

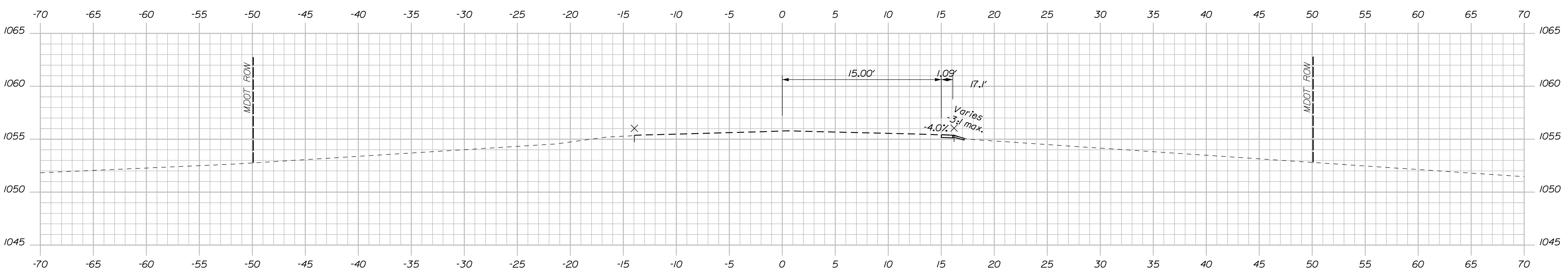
Username: Mike.Cundiff

Division: HIGHWAY

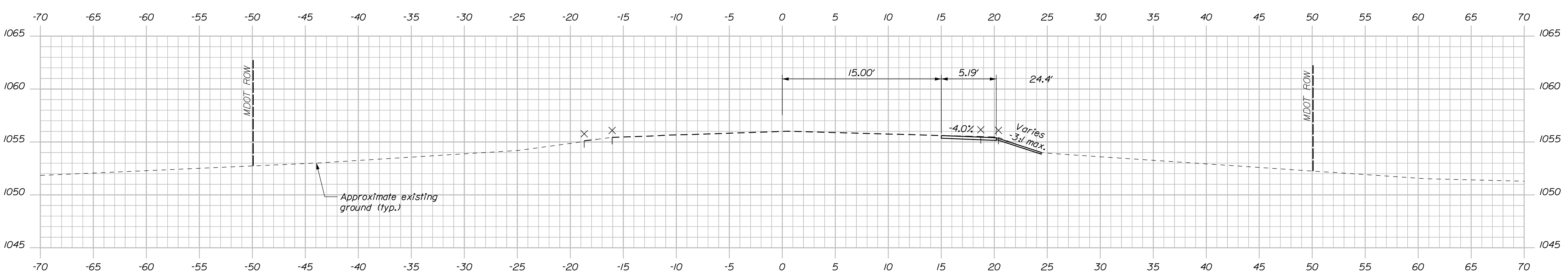
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16+25.00



16+00.00



15+75.00

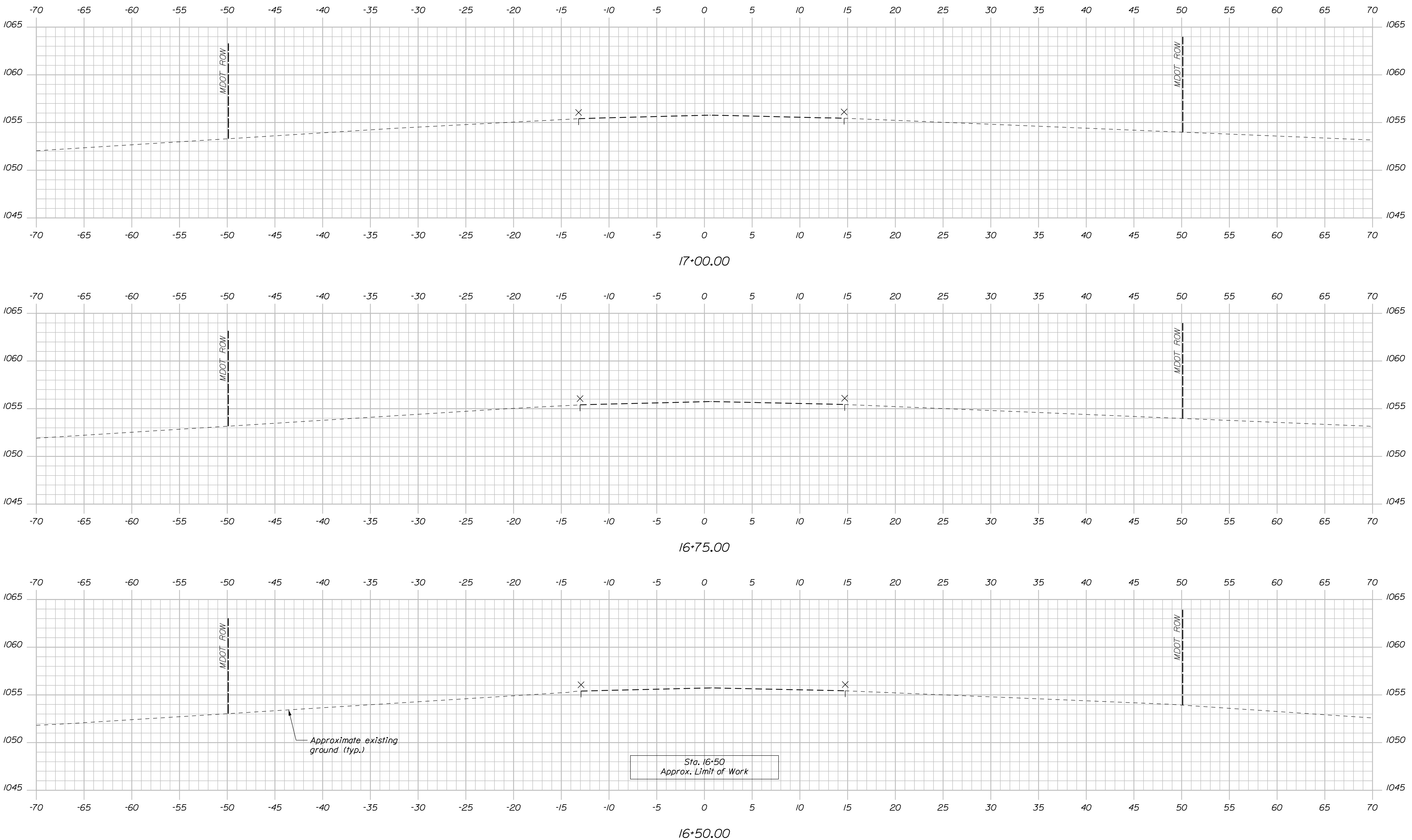
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SOMERSET COUNTY	
SAPLING TWP		CROSS SECTIONS		SHEET NUMBER	
34		OF 63		BRIDGE NO. 3266	
WIN		021701.00		BRIDGE PLANS	
PROJ. MANAGER	M. PARLIN	BY	MPC	DATE	02/18
DESIGN-DETAILED	BHJ	CHECKED-REVIEWED	BHJ	SIGNATURE	
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REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

Date: 2/5/2018

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\Bridges\Xsect.dgn



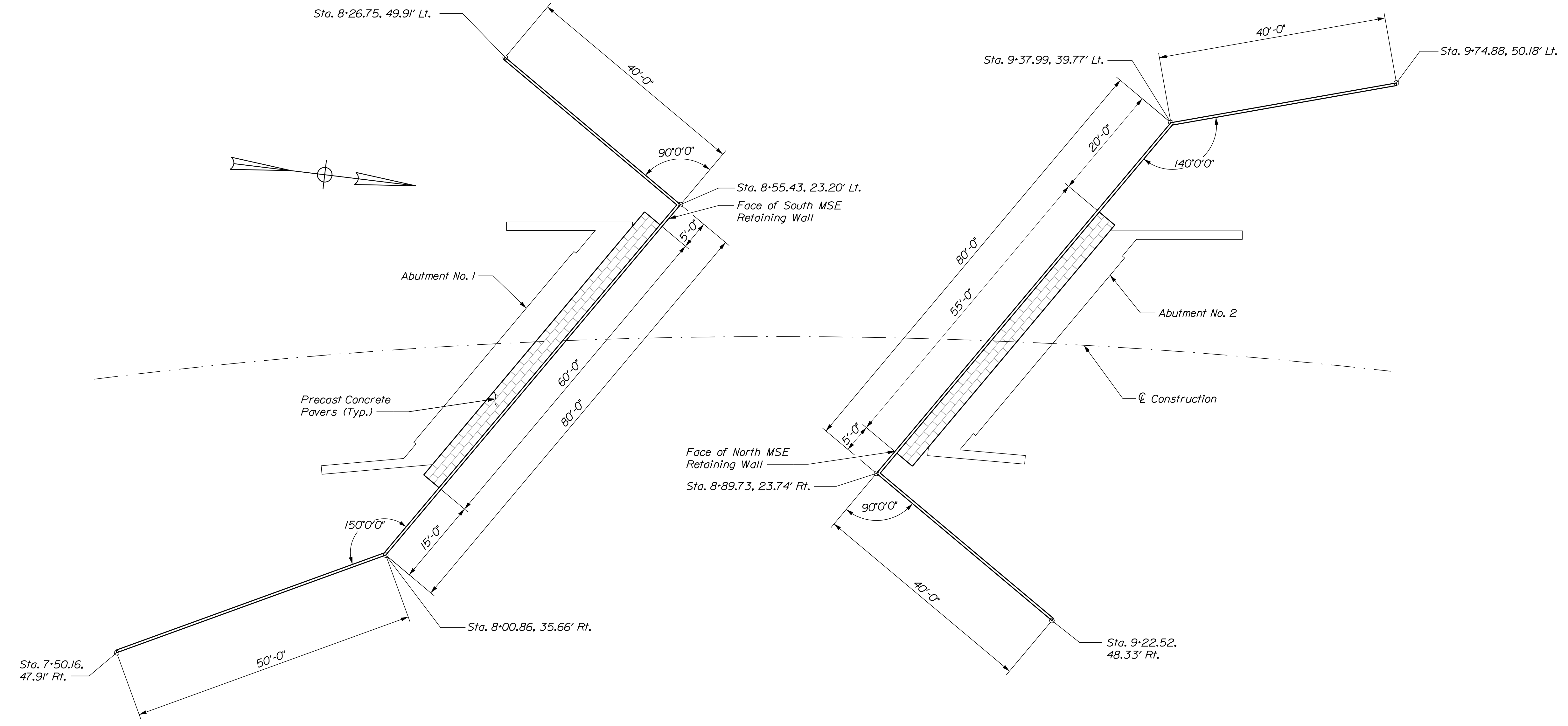
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
021701.00		WIN	
BRIDGE NO. 3256		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE		SHEET NUMBER	
CENTRAL MAINE & QUEBEC RAILWAY		35	
SAPLING TWP SOMERSET COUNTY		OF 63	
CROSS SECTIONS		Sta. 16+50.00 to Sta. 17+00.00	
PROJ. MANAGER	DATE	BY	DATE
M. PARLIN	02/18	MPC	02/18
CHECKED-REVIEWED	DATE	SIGNATURE	DATE
BH/BH			
DESIGN/REVIEWED		P.E. NUMBER	
BH/BH			
DESIGN/REVIEWED		DATE	
BH/BH			
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date: 2/2/2018

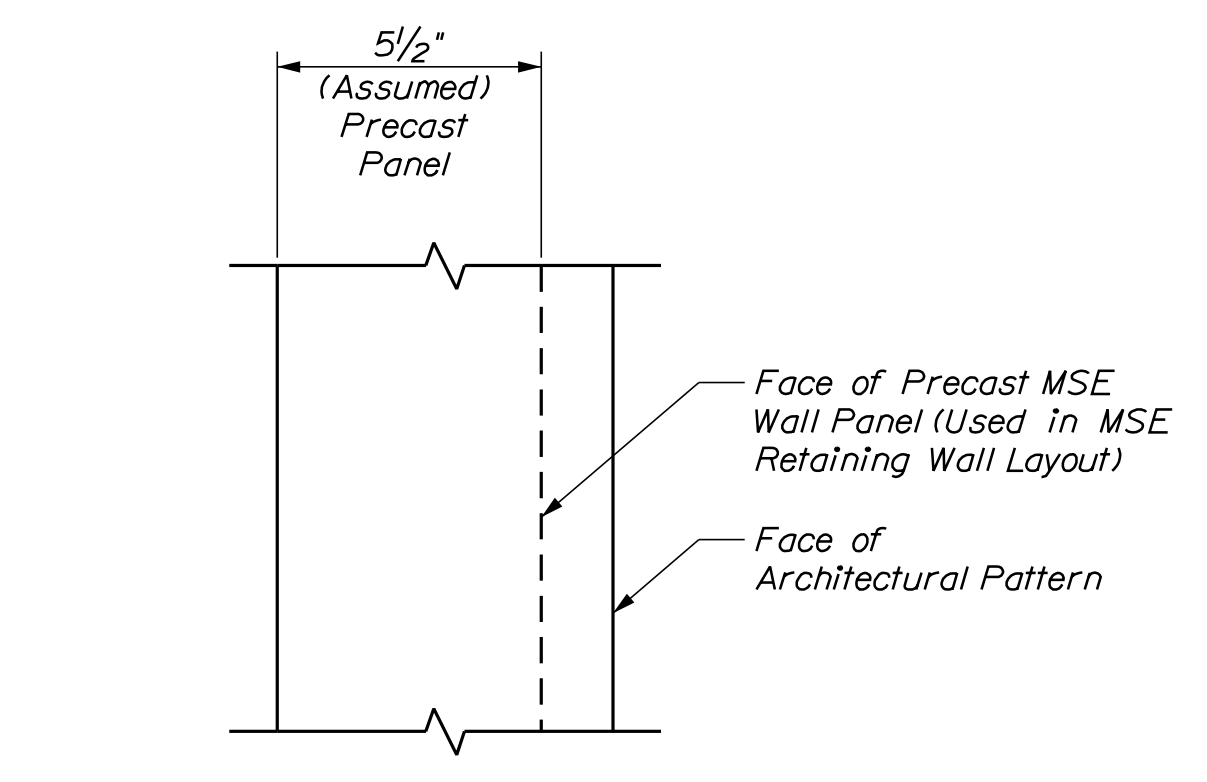
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Division: BRIDGE

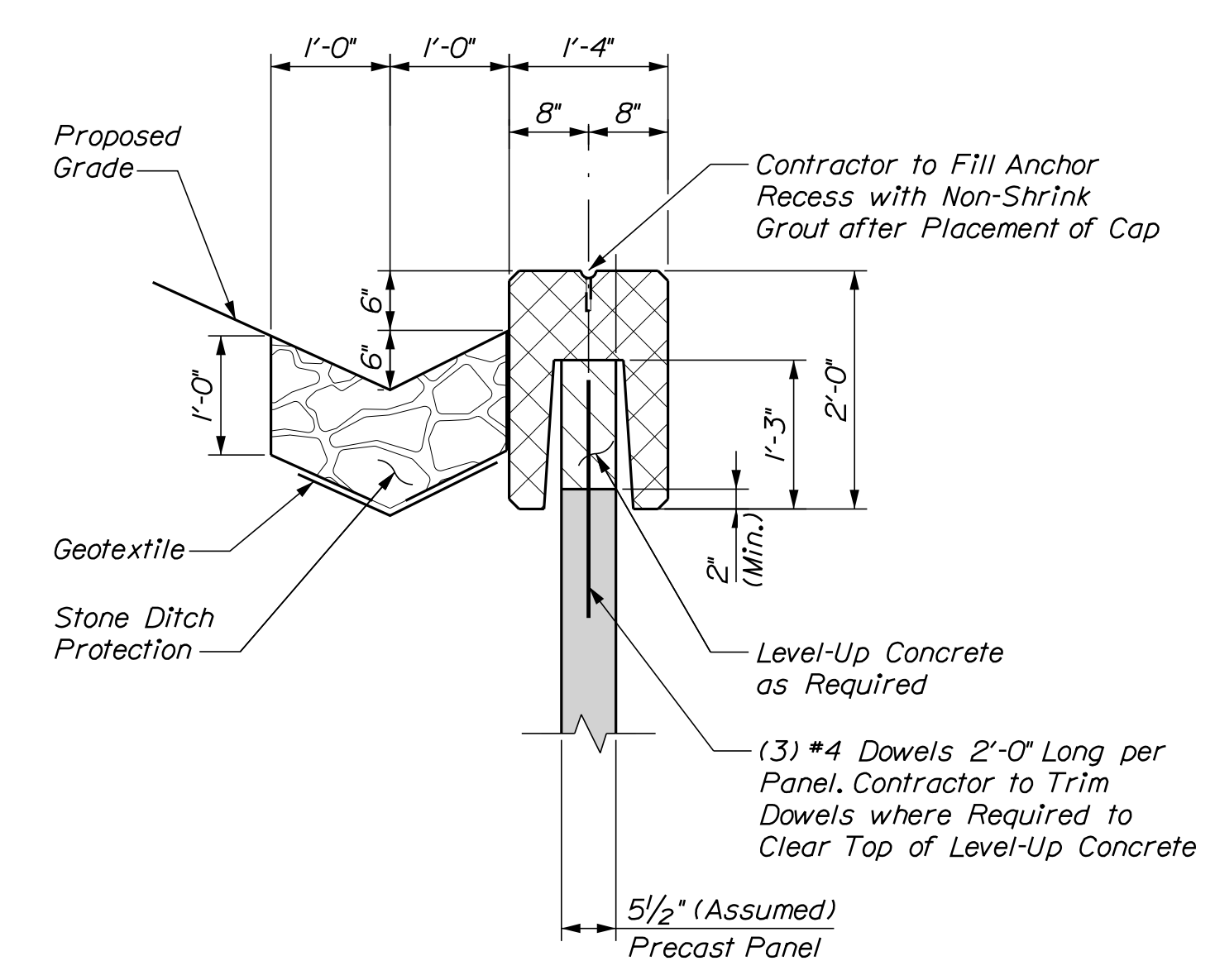
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MSE RETAINING WALL LAYOUT - PLAN



MSE RETAINING WALL SECTION



PRECAST CONCRETE CAP SECTION

STATE OF MAINE	BRIDGE NO. 3256	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	WIN	021701.00
	021701.00	

PROJ. MANAGER	M. PARLIN	DATE	
DESIGN DETAILED	B. WELCH	12-06-17	SIGNATURE
CHECKED/REVIEWED	B. WELCH	12-06-17	P.E. NUMBER
DESIGN DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE	
CENTRAL MAINE & QUEBEC RAILWAY	
SAPLING TWP SOMERSET COUNTY	
MSE RETAINING WALL	
LAYOUT PLAN	

SHEET NUMBER	36
	OF 63

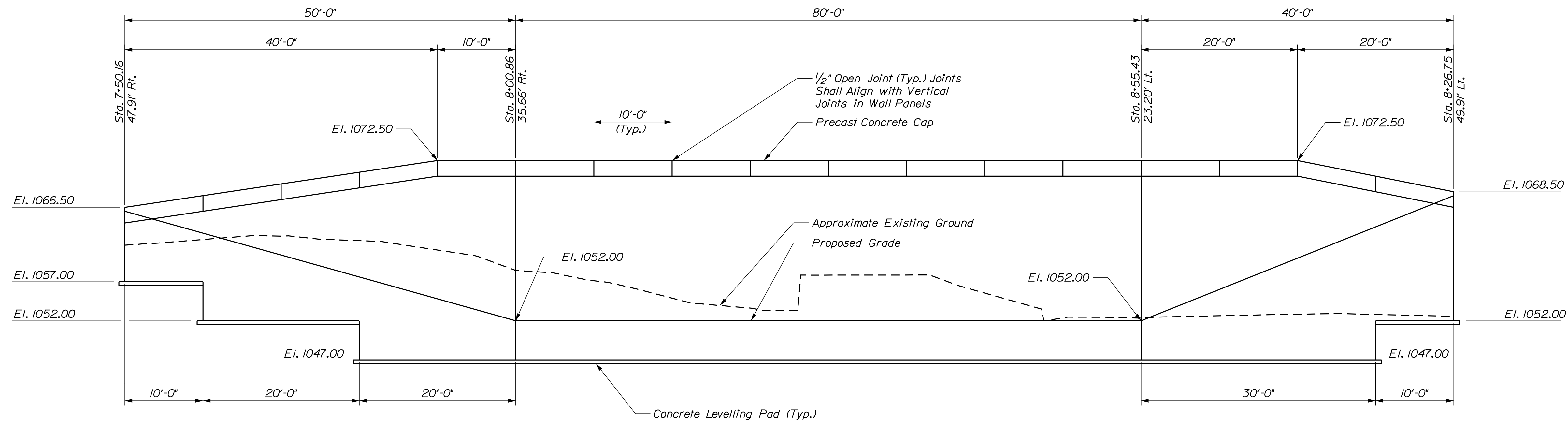


Date: 12/11/2017

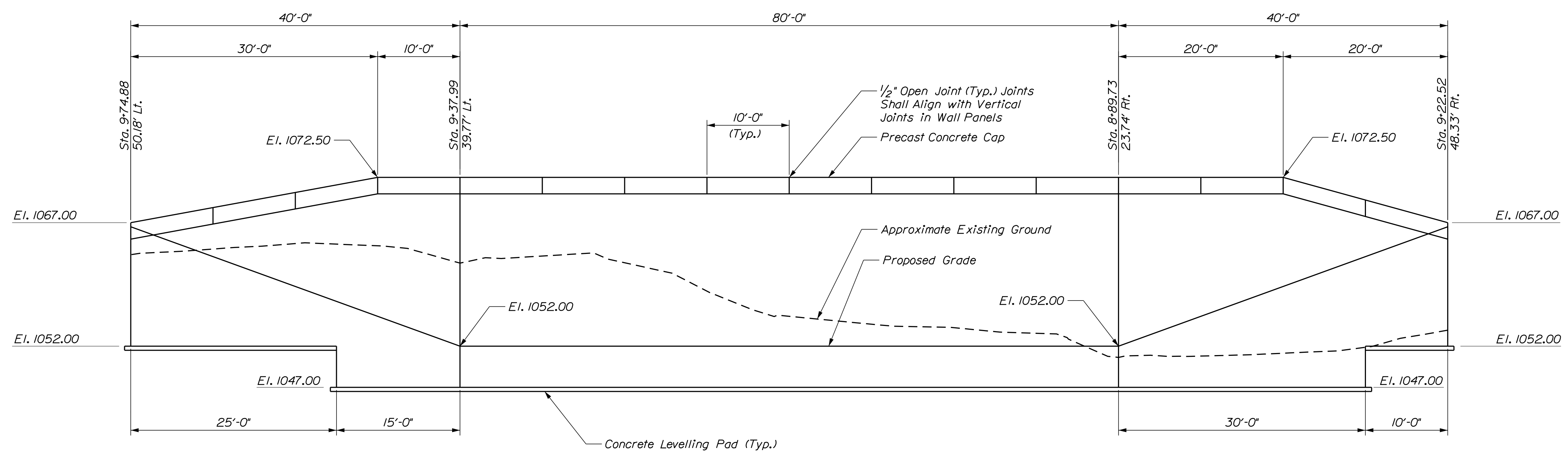
Username: common

Division: BRIDGE

Filename: ... \MSTA\037_MSE WallElev.dgn



SOUTH MSE RETAINING WALL - ELEVATION



NORTH MSE RETAINING WALL - ELEVATION

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 021701.00
 WIN
 021701.00
 BRIDGE NO. 3256
 BRIDGE PLANS

PROJ. MANAGER
 DESIGN-DETAILED
 CHECKED-REVIEWED
 DESIGN-DETAILED
 REVISIONS 1
 REVISIONS 2
 REVISIONS 3
 REVISIONS 4
 FIELD CHANGES

BY
 D. BURGESS
 J. BURGESS

DATE
 12-06-17
 12-06-17

SIGNATURE
 P.E. NUMBER
 DATE

C.P.R. CROSSING BRIDGE
 CENTRAL MAINE & QUEBEC RAILWAY
 SABLE TWP SOMERSET COUNTY
 MSE RETAINING WALL
 ELEVATIONS

SHEET NUMBER
 37
 OF 63

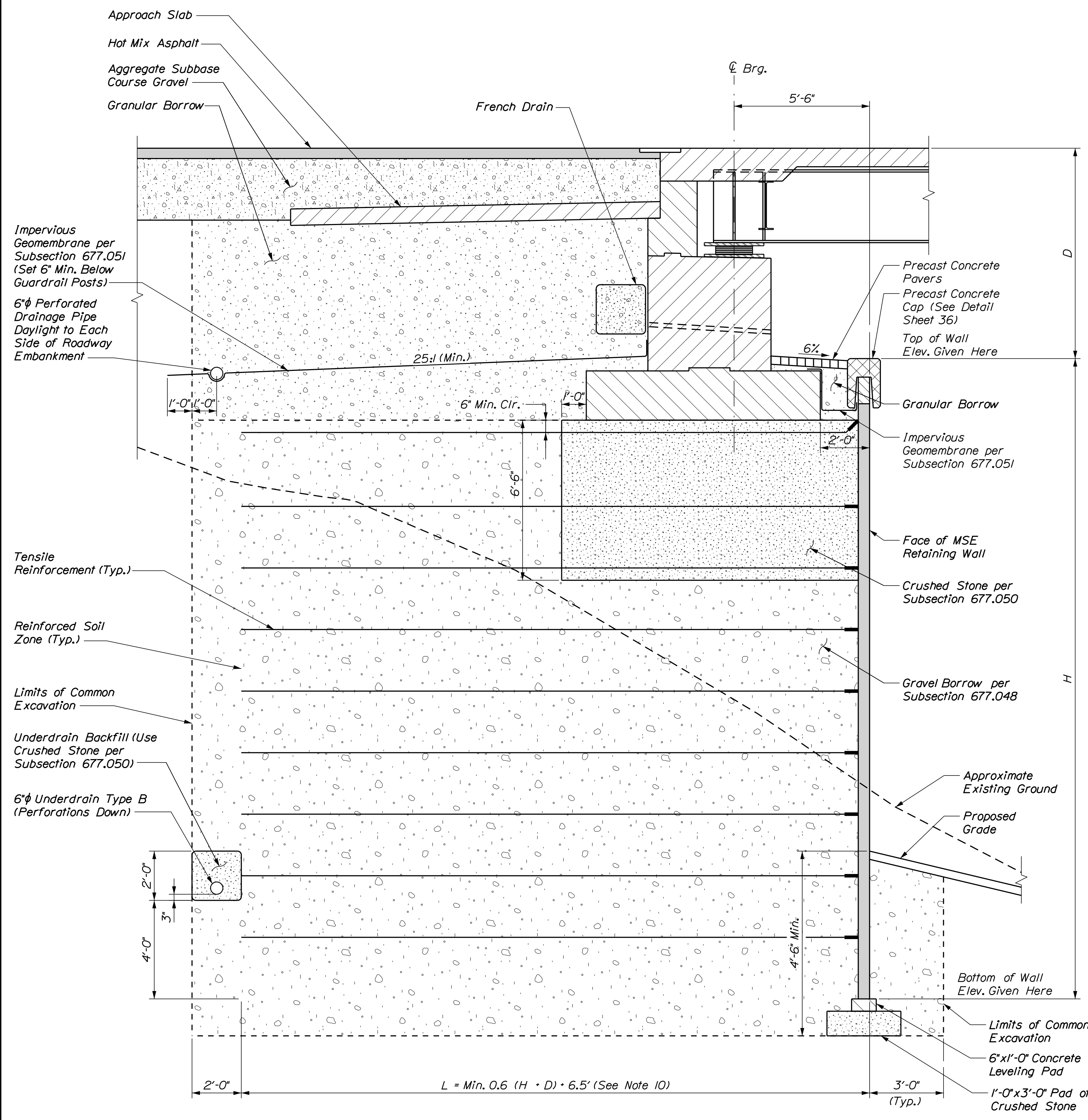


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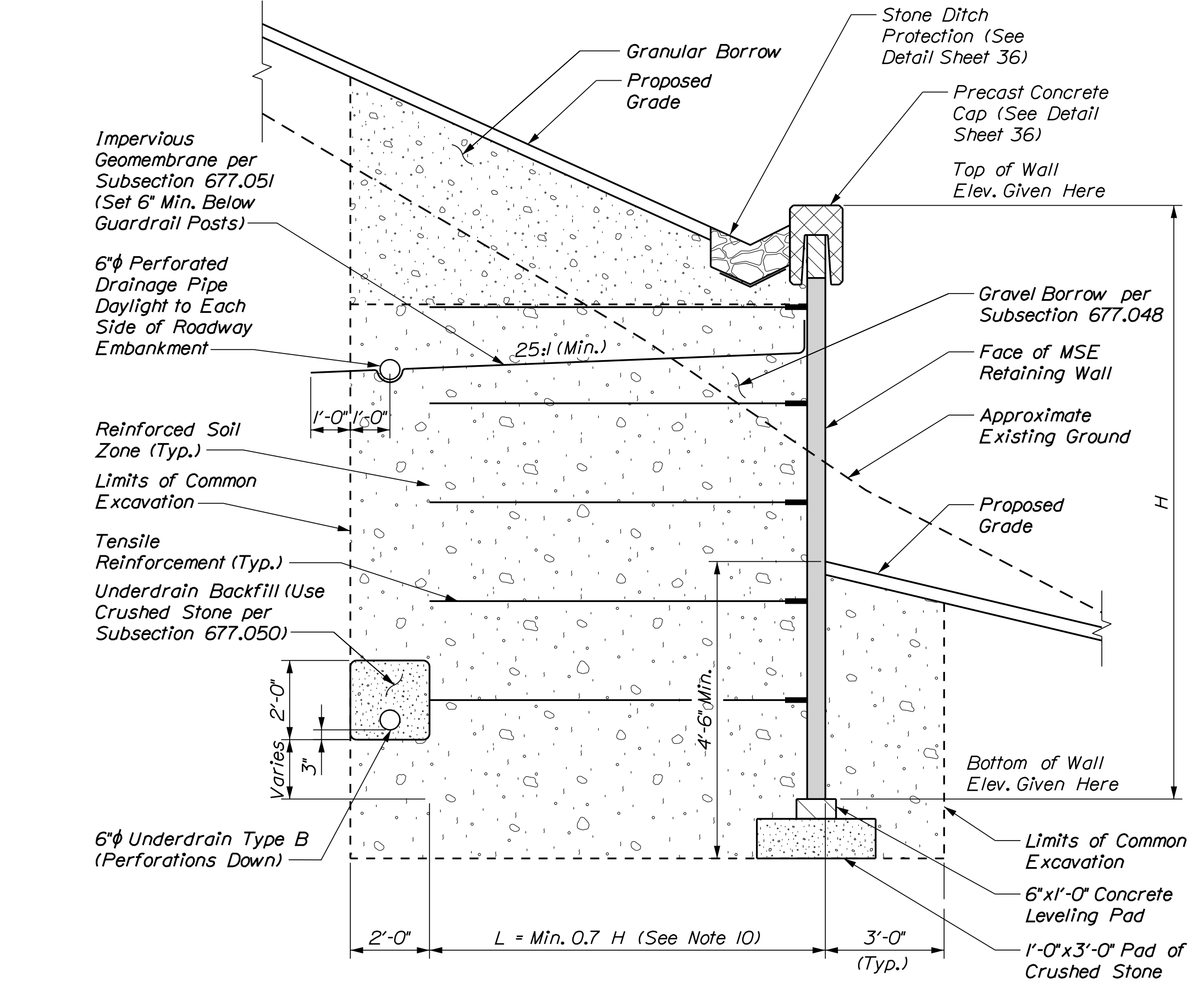
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Division: BRIDGE

Filename: ... \MSTA\038_MSE Wall\Det.dgn



MSE RETAINING WALL AT ABUTMENTS DETAIL



MSE RETAINING WALL DETAIL

MSE RETAINING WALL NOTES

- The Contractor shall provide a Mechanically Stabilized Earth (MSE) Retaining Wall in accordance with Standard Specification Section 677. The MSE retaining wall shall be designed in accordance with the AASHTO LRFD Bridge Design Specifications, current Edition, and the wall manufacturer's recommendations. All design computations and shop drawings shall be stamped by a Professional Engineer licensed in the State of Maine and shall be submitted to the Resident for review. Plan details are shown for estimating purposes only.
- The bearing resistance for the reinforced soil volume and leveling pads founded on native soils at this site shall be evaluated at the strength limit state using factored loads and a factored bearing resistance of 19.5 ksf. A factored bearing resistance of 11.0 ksf shall be used to analyze the service limit state.
- The factored footing pressure applied by the abutment footing shall be limited to 7.0 ksf. The MSE retaining wall shall be designed for the additional loads imposed by the footing pressure. Maximum calculated factored footing pressures for all applicable loads and combinations are:
Service I = 3.20 ksf
Strength I = 4.90 ksf
- Topsoil, granular fill, and organic soils shall be removed entirely behind the MSE wall within the reinforced soil zone and as directed by the Resident. Unsuitable foundation material removed below the bottom of the MSE wall gravel borrow fill pay limit shall be replaced with Gravel Borrow. Excavation of unsuitable foundation material, shall be paid under item 203.20 - Common Excavation. Payment for placement of gravel borrow below the bottom pay limit of the MSE wall gravel borrow fill shall be incidental to Item 677.20.
- All embankment material, except as otherwise shown, placed below the bottom pay limit elevation of the MSE wall shall be granular borrow meeting the requirements of Subsection 703.19, Material for Underwater Backfill.
- The 6" Underdrain Type B shall be constructed as shown on the plans. Coordinate outlet locations with the Resident in the field. Provide 3'x3' riprap pad at outlet or locate outlet in downslope or V-Ditch. Payment for the 6" Underdrain Type B and outlets shall be considered incidental to Item 677.20, Mechanically Stabilized Earth Retaining Wall.
- Concrete facing panel finish shall be cruciform ashlar stone similar to that manufactured by Reinforced Earth Company of North Reading, MA or approved equal. The Contractor shall submit samples of the finish to the Resident for approval prior to casting.
- The Contractor may use a combination of precast and/or cast-in-place concrete coping. Coping joints shall line up vertically with the top MSE wall panel joints. The shop drawings for the MSE wall shall convey what type of coping will be used, where it will be used, and where the joints are located.
- Reinforcing steel for precast panel, precast cap, and panel dowels (tie strip) shall be stainless steel meeting Section 709.
- Approximate tensile reinforcement limits shown. Actual limits to be determined by the MSE wall Manufacturer/Designer in accordance with the design requirements specified in Section 677 of the Standard Specifications.
- Payment for Gravel Borrow and Crushed Stone below Elevation 1070.00 will be considered incidental to Item 677.20, Mechanically Stabilized Earth Retaining Wall.
- Payment for 6" Diameter Perforated Drainage Pipe, Outlet Pipe and Impervious Geomembrane will be considered incidental to Item 677.20, Mechanically Stabilized Earth Retaining Wall.

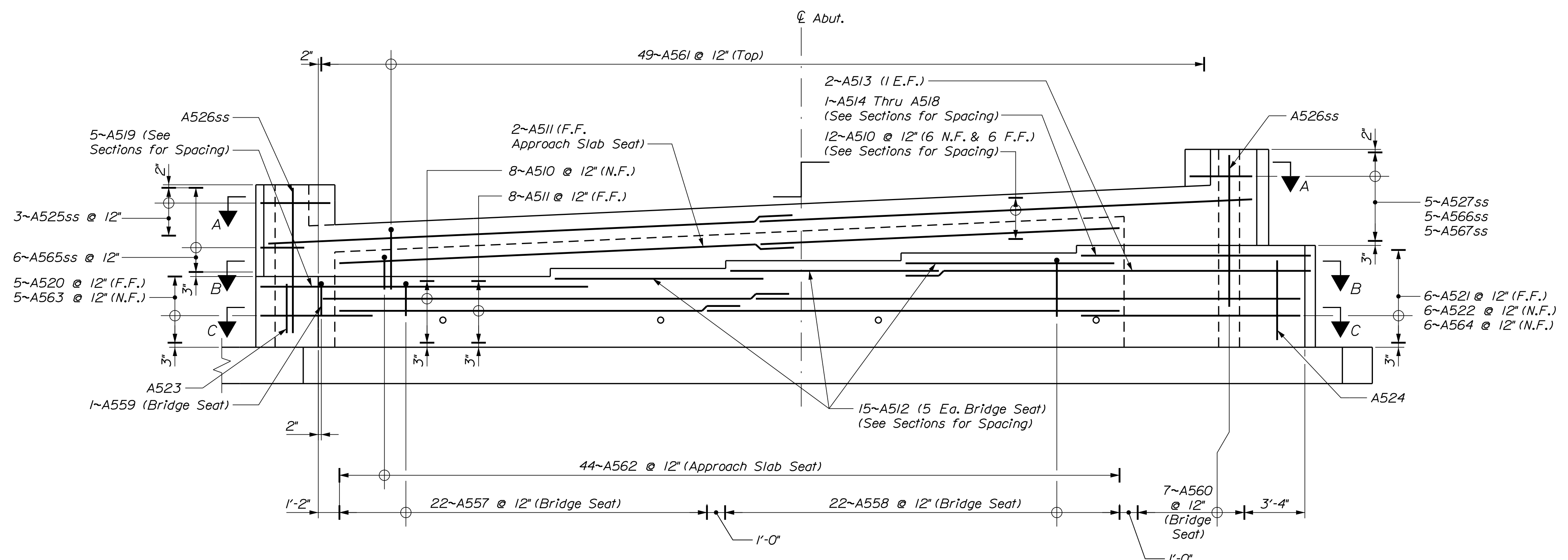
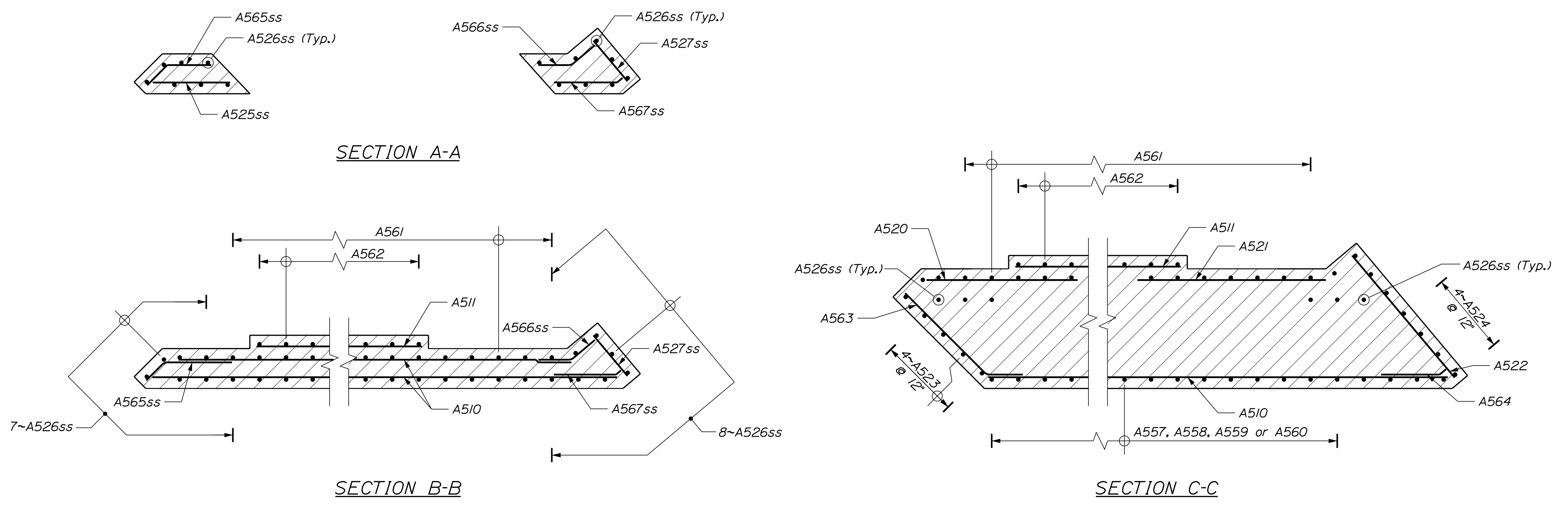
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00		BRIDGE NO. 3256		WIN 021701.00		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP		SOMERSET COUNTY		MSE RETAINING WALL DETAILS		DATE 12-06-17		SIGNATURE	
PROJ. MANAGER		DESIGN DETAILED		CHECKED/REVIEWED		DESIGN DETAILED		REVISIONS	
M. PARLIN		B. WELCH		J. BURGESS		J. BURGESS		1	
								2	
								3	
								4	
								FIELD CHANGES	
SHEET NUMBER		38		OF 63					

Date: 12/11/2017

Username: common

Division: BRIDGE

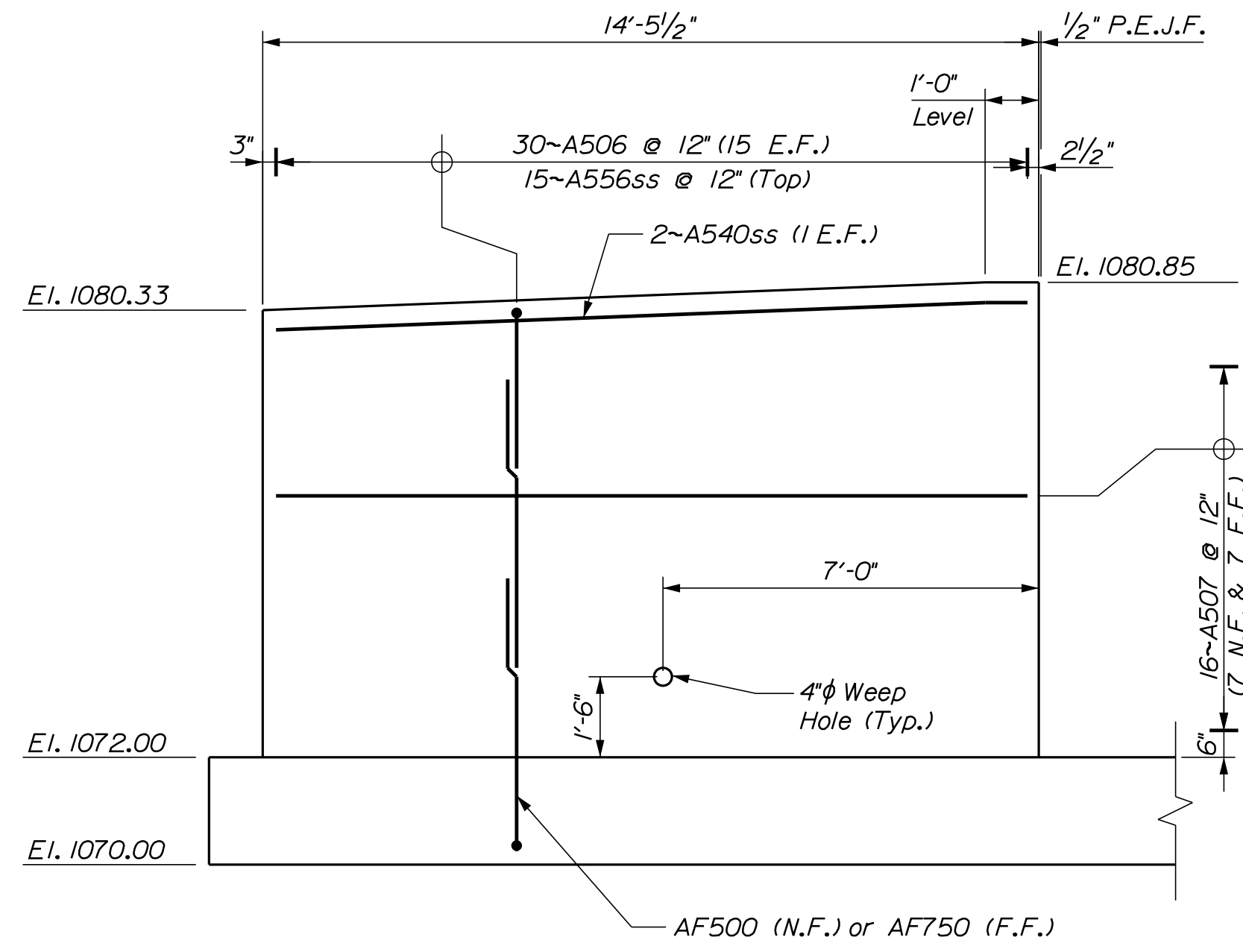
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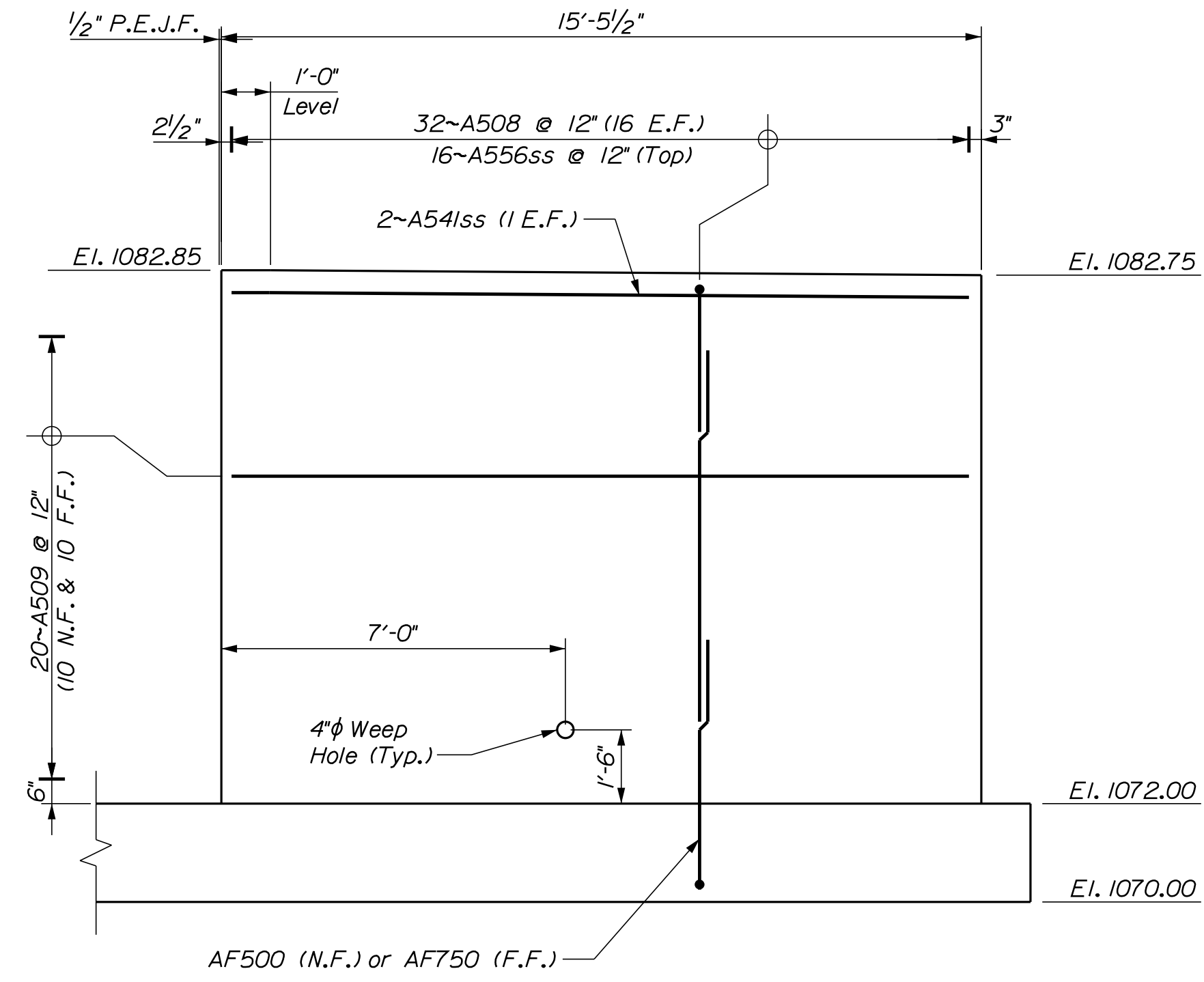
ABUTMENT NO. 1 - REINFORCEMENT ELEVATION

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SOMERSET COUNTY	
SAPLING TWP		ABUTMENT NO. 1		REINFORCEMENT	
PROJ. MANAGER	M. PARLIN	BY	D. BURGESS	DATE	12-06-17
DESIGN-DETAILED	B. WELCH	CHECKED-REVIEWED	B. WELCH	DESIGN-DETAILED	J. BURGESS
DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	
SHEET NUMBER		41		OF 63	

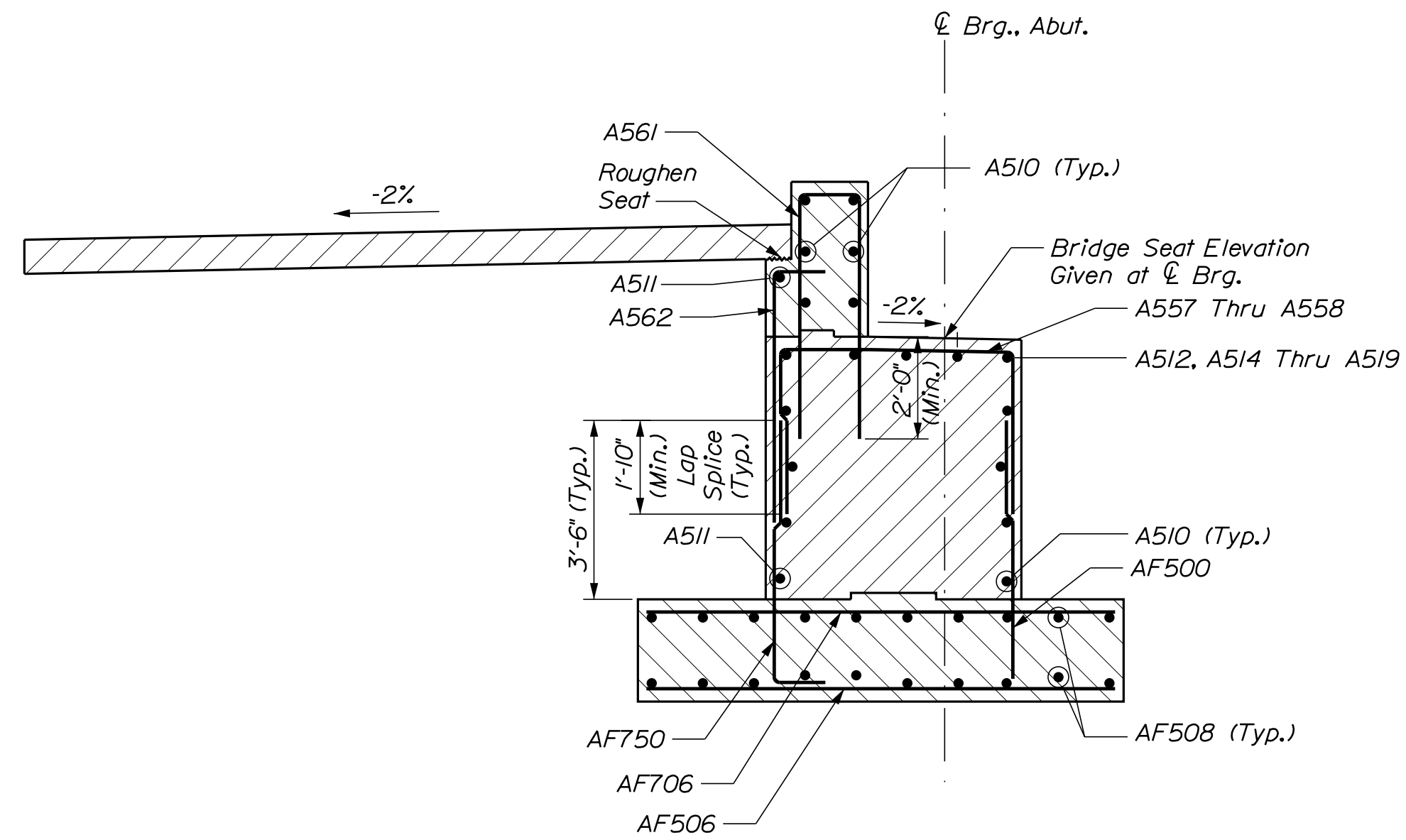




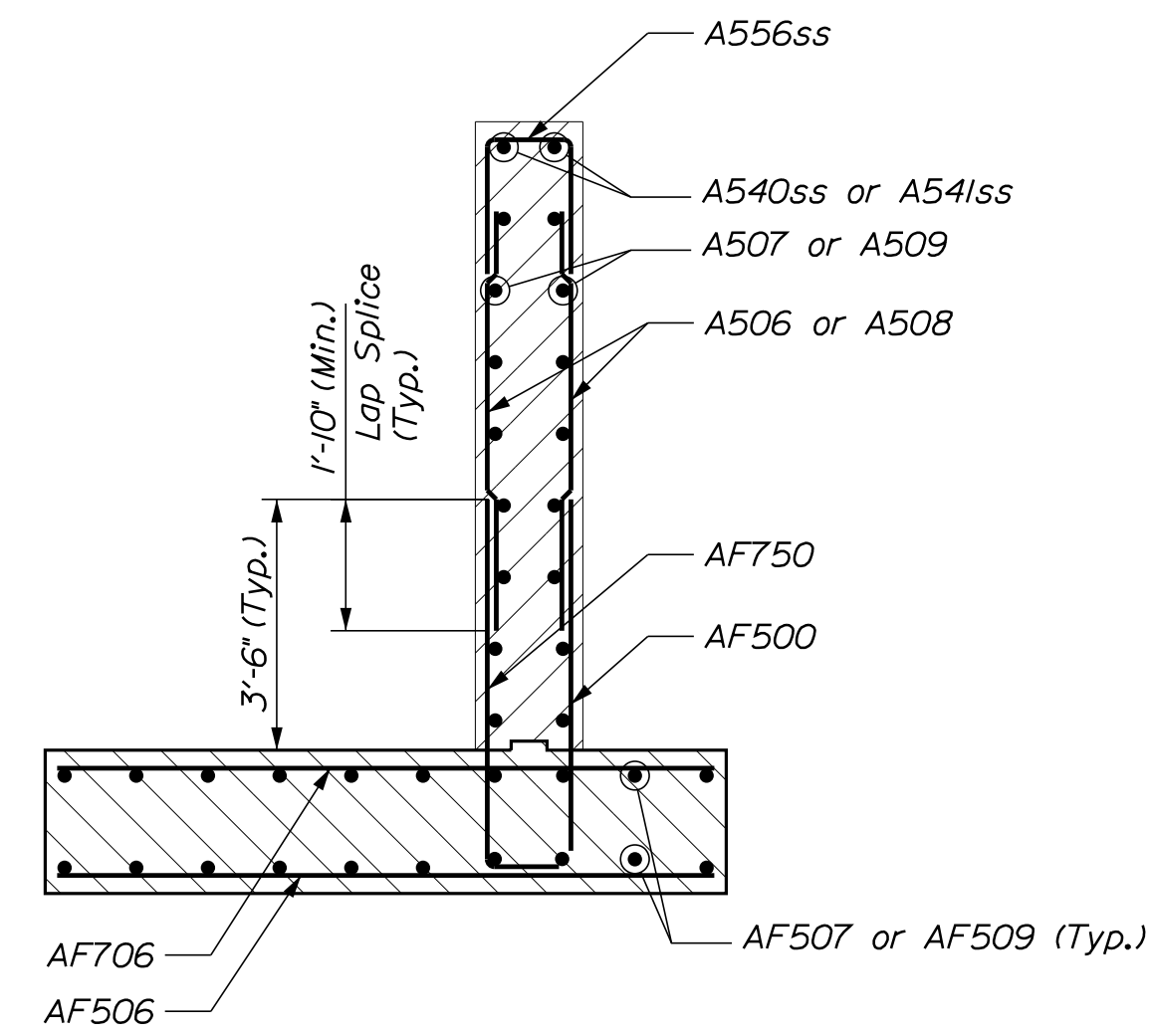
ABUTMENT NO. 1
SOUTHEAST WINGWALL - ELEVATION



ABUTMENT NO. 1
SOUTHWEST WINGWALL - ELEVATION



ABUTMENT NO. 1 - SECTION



ABUTMENT NO. 1 WINGWALL - SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
12-06-17
12-06-17

BY
D. BURGESS
J. BURGESS

M. PARLIN
B. WELCH
B. WELCH

SIGNATURE
P.E. NUMBER
DATE

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
ABUTMENT NO. 1
WING WALLS AND SECTIONS

SHEET NUMBER

42

OF 63

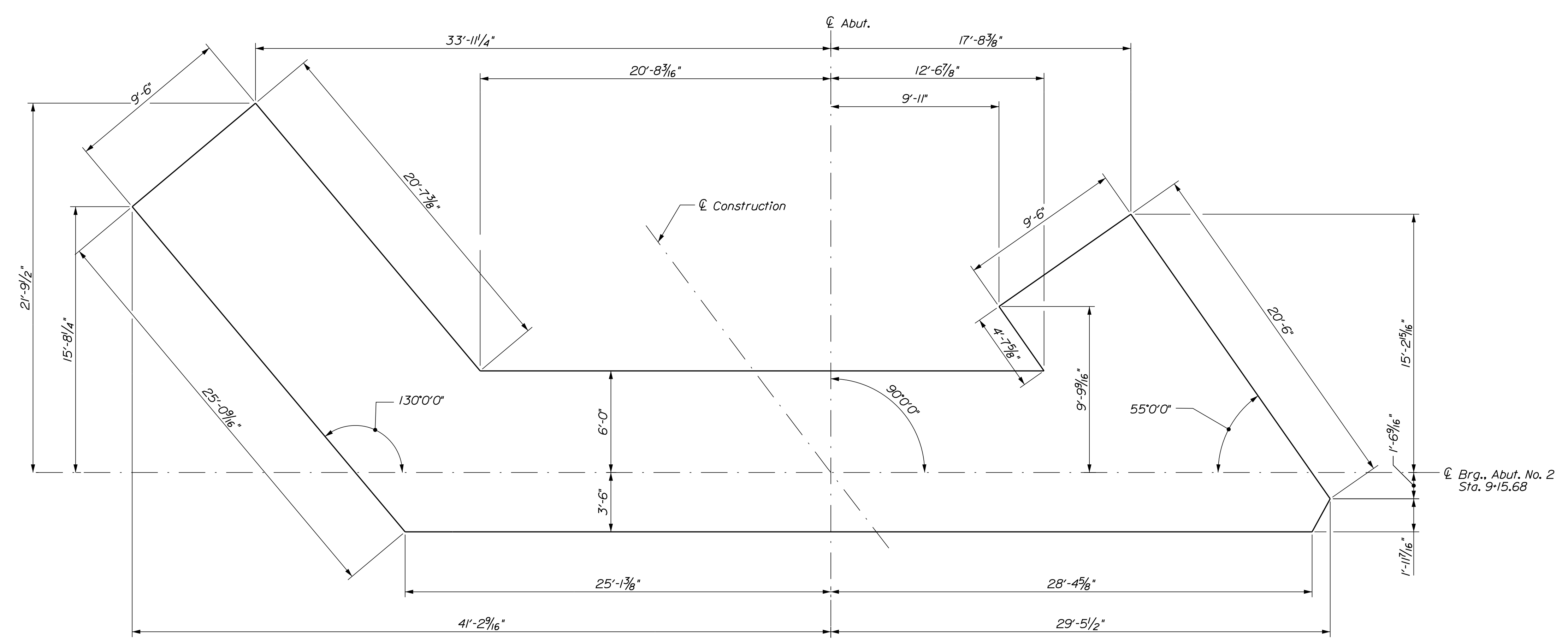
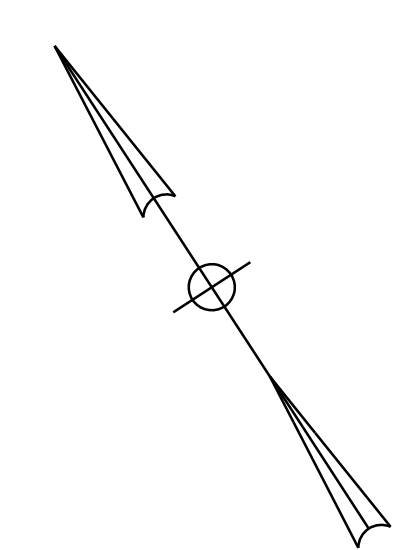


Date: 12/11/2017

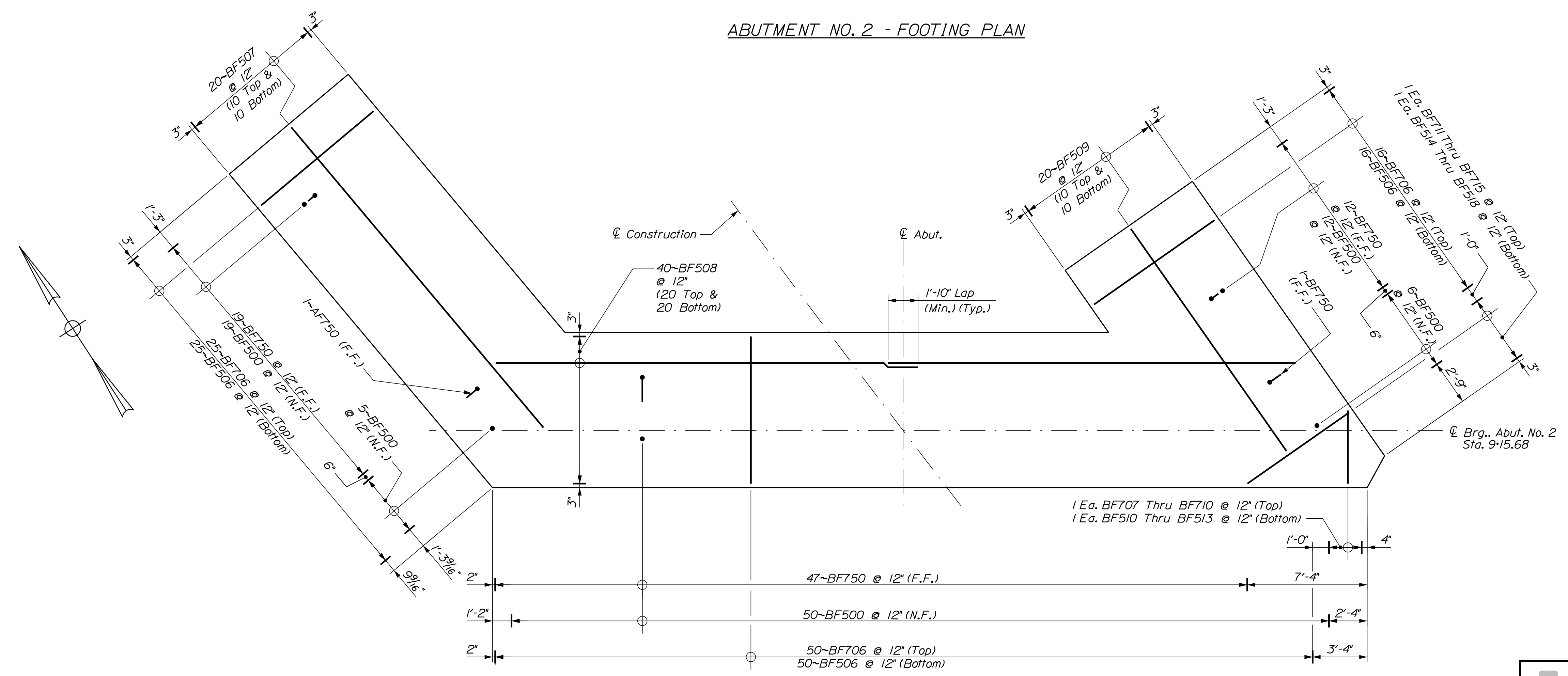
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Division: BRIDGE

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ABUTMENT NO. 2 - FOOTING PLAN



ABUTMENT NO. 2 FOOTING - REINFORCEMENT PLAN

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
021701.00		BRIDGE NO. 3256	
WIN		021701.00	
BRIDGE PLANS			
PROJ. MANAGER	M. PARLIN	BY	D. BURGESS
DESIGN DETAILED	B. WELCH	CHECKED	J. BURGESS
DESIGN REVIEWED	B. WELCH	DATE	12-06-17
DESIGNS DETAILED			12-06-17
REVISIONS 1		SIGNATURE	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		DATE	
REVISIONS 4			
FIELD CHANGES			
C.P.R. CROSSING BRIDGE			
CENTRAL MAINE & QUEBEC RAILWAY			
SAPLING TWP SOMERSET COUNTY			
ABUTMENT NO. 2 FOOTING			
PLAN & REINFORCEMENT			
SHEET NUMBER		43	
		OF 63	

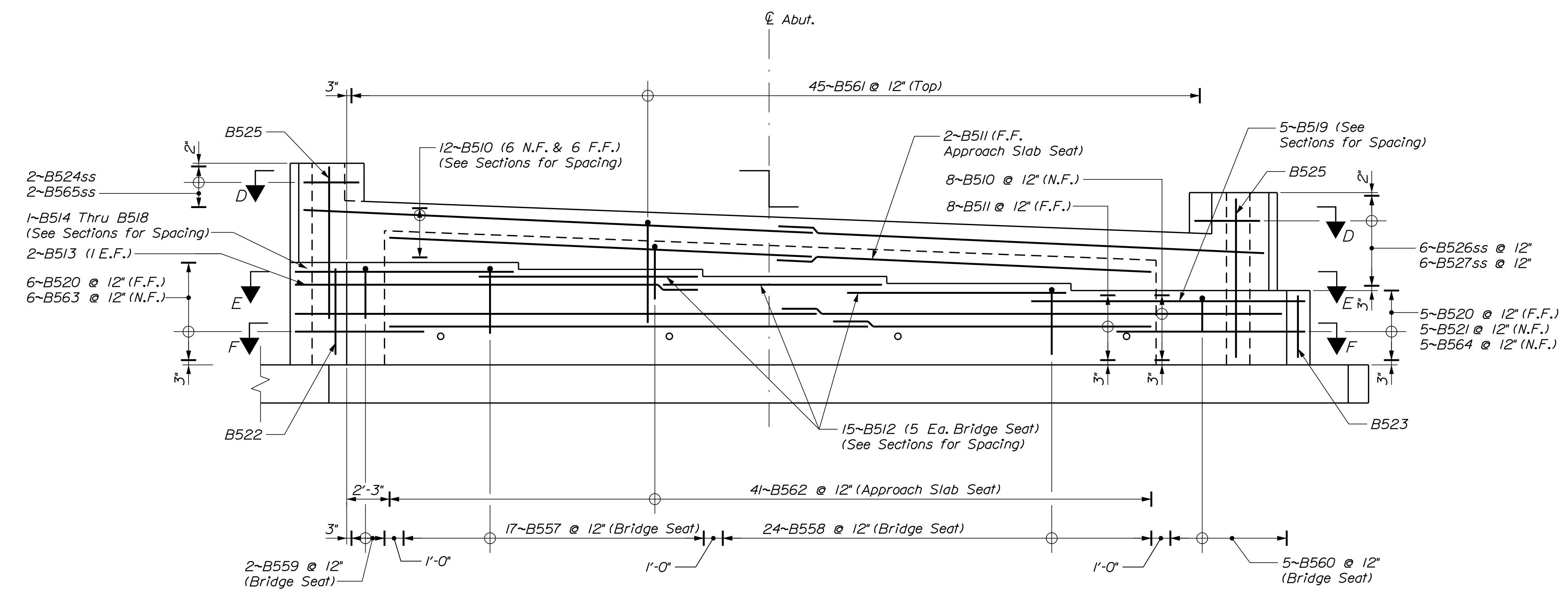
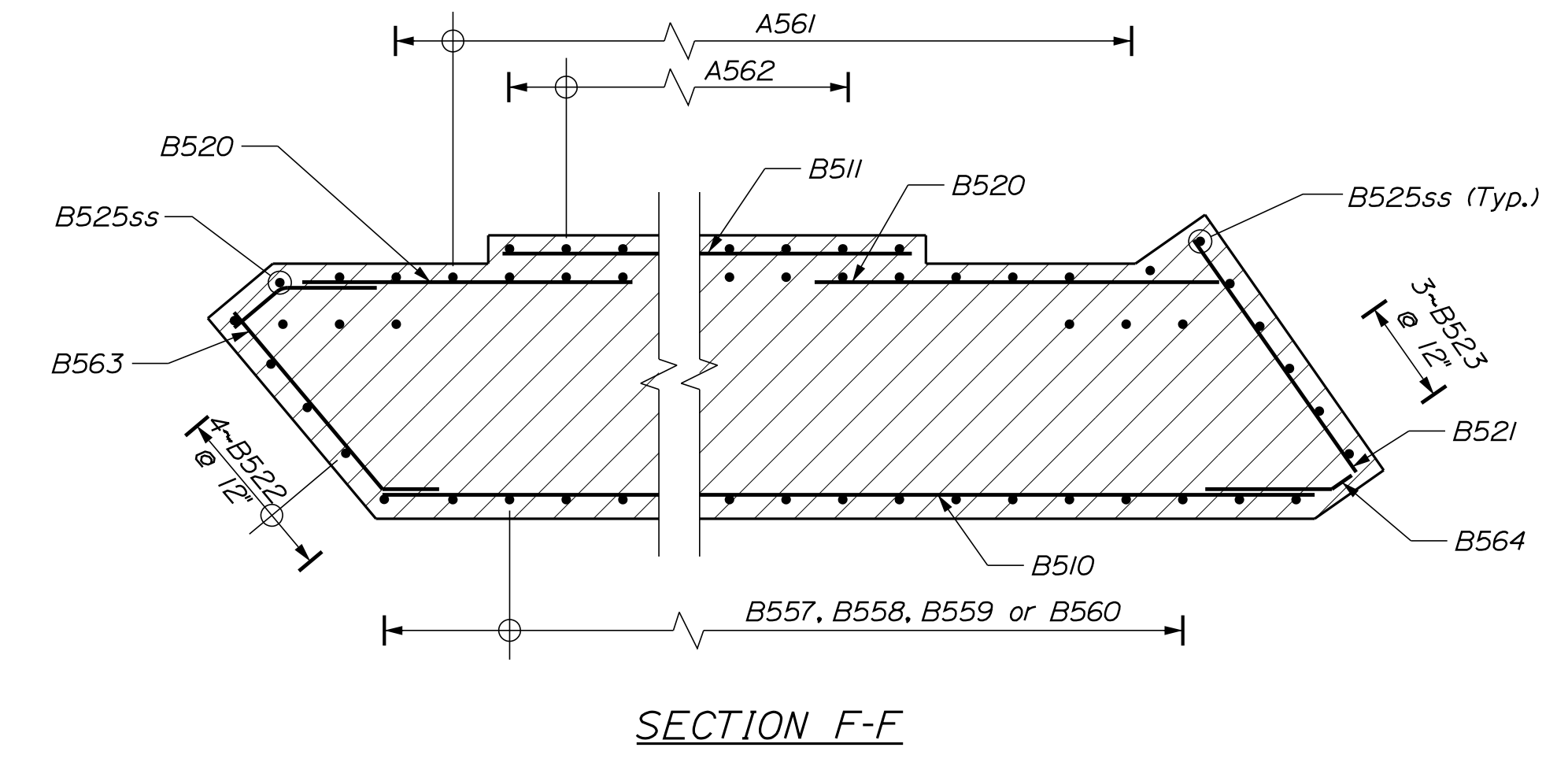
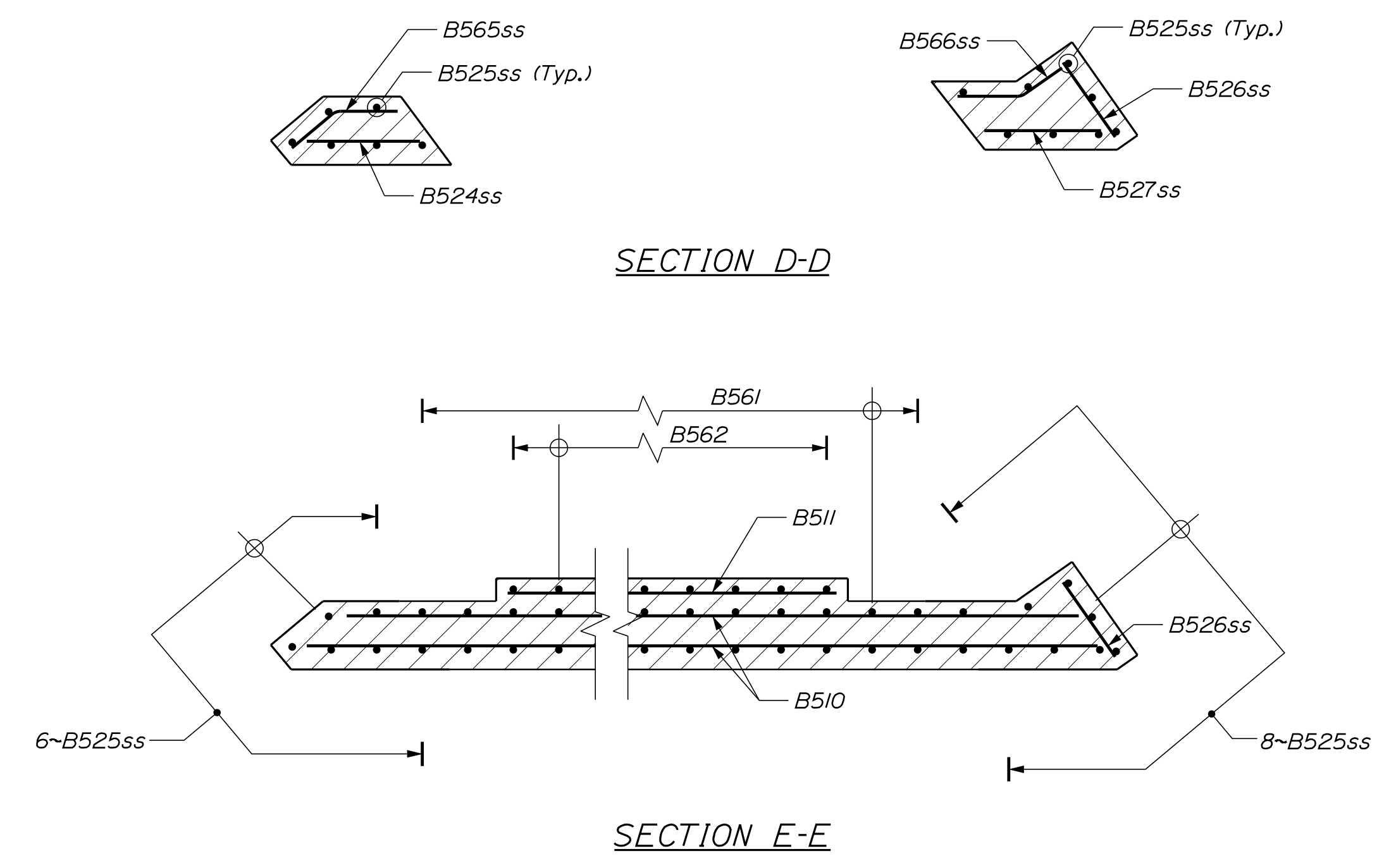


Date: 12/11/2017

Username: common

Division: BRIDGE

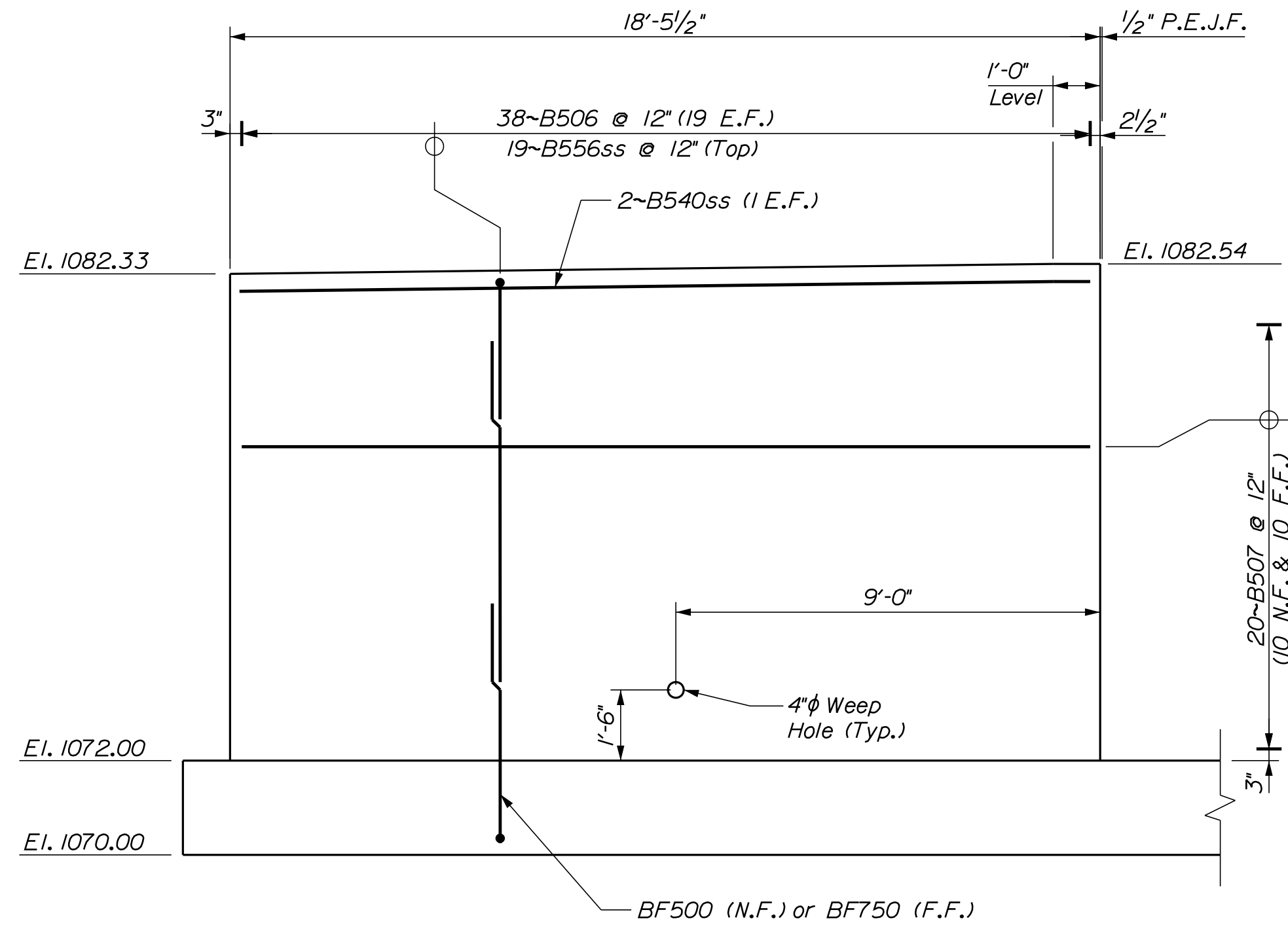
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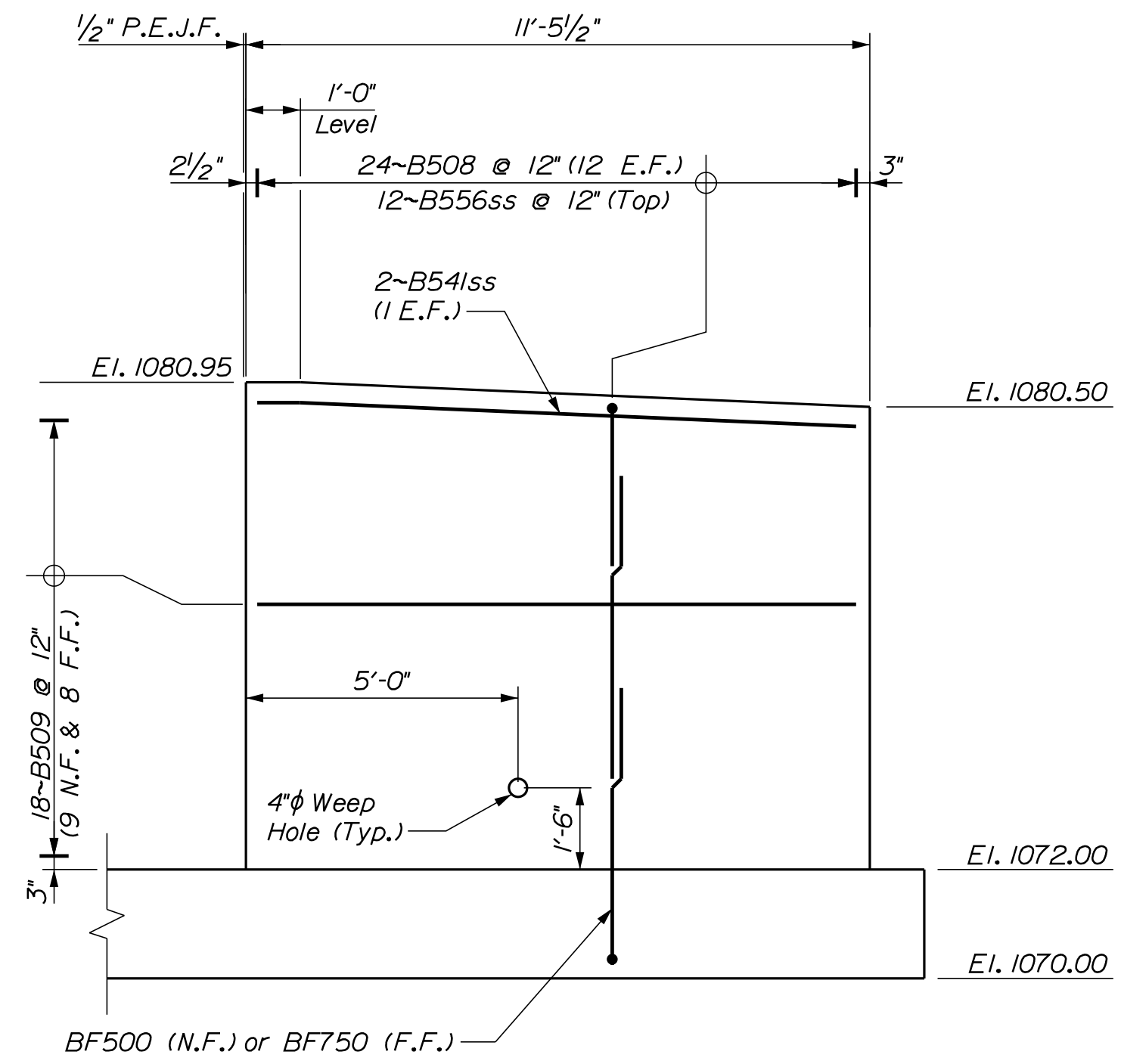
ABUTMENT NO. 2 - REINFORCEMENT ELEVATION

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP SOMERSET COUNTY	
ABUTMENT NO. 2		REINFORCEMENT		BRIDGE NO. 3256	
SHEET NUMBER		45		OF 63	
PROJ. MANAGER	M. PARLIN	BY	D. BURGESS	DATE	12-06-17
DESIGN-DETAILED	B. WELCH	CHECKED-REVIEWED	B. WELCH	DESIGNED	J. BURGESS
DESIGNS-DETAILED		DESIGNS-DETAILED		SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
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FIELD CHANGES		FIELD CHANGES			

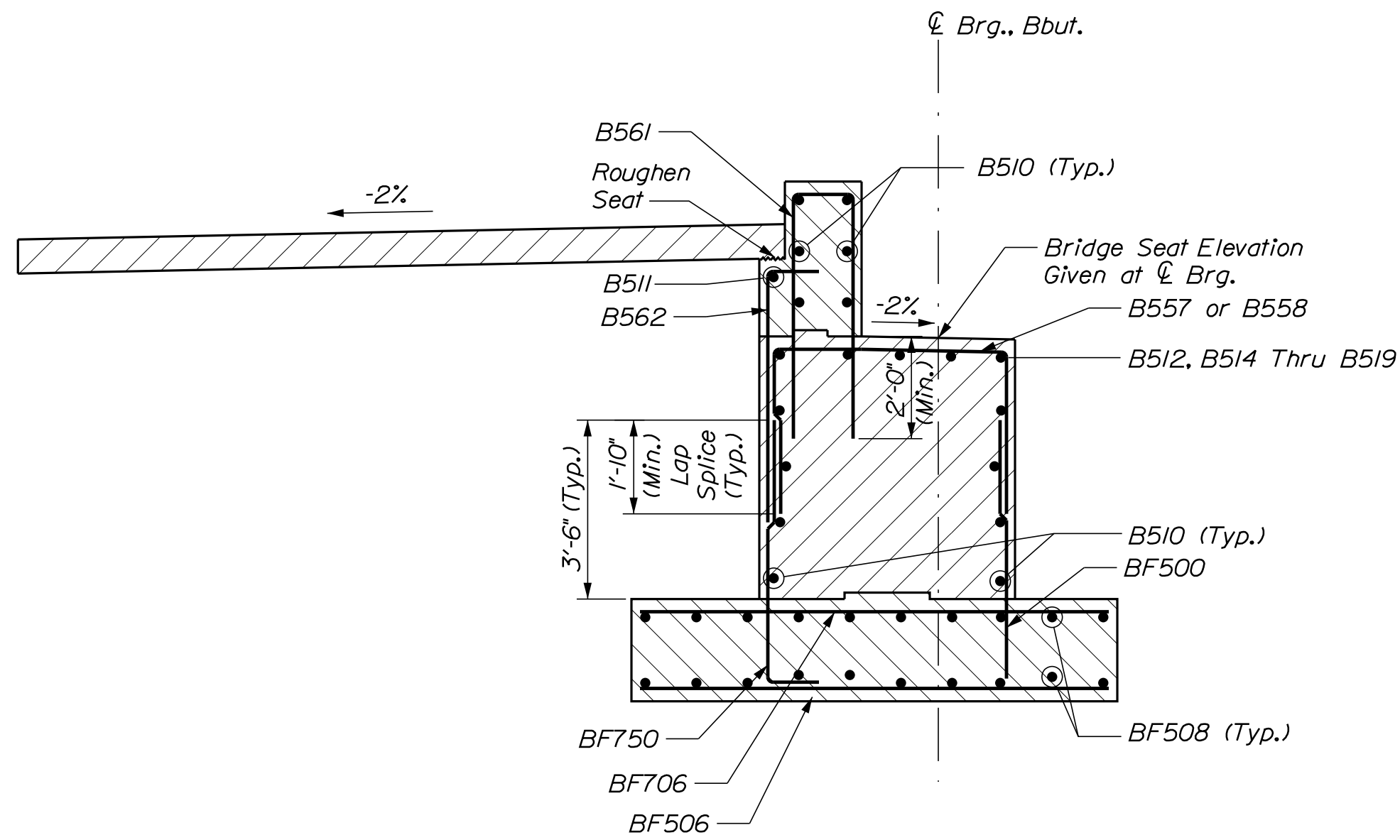




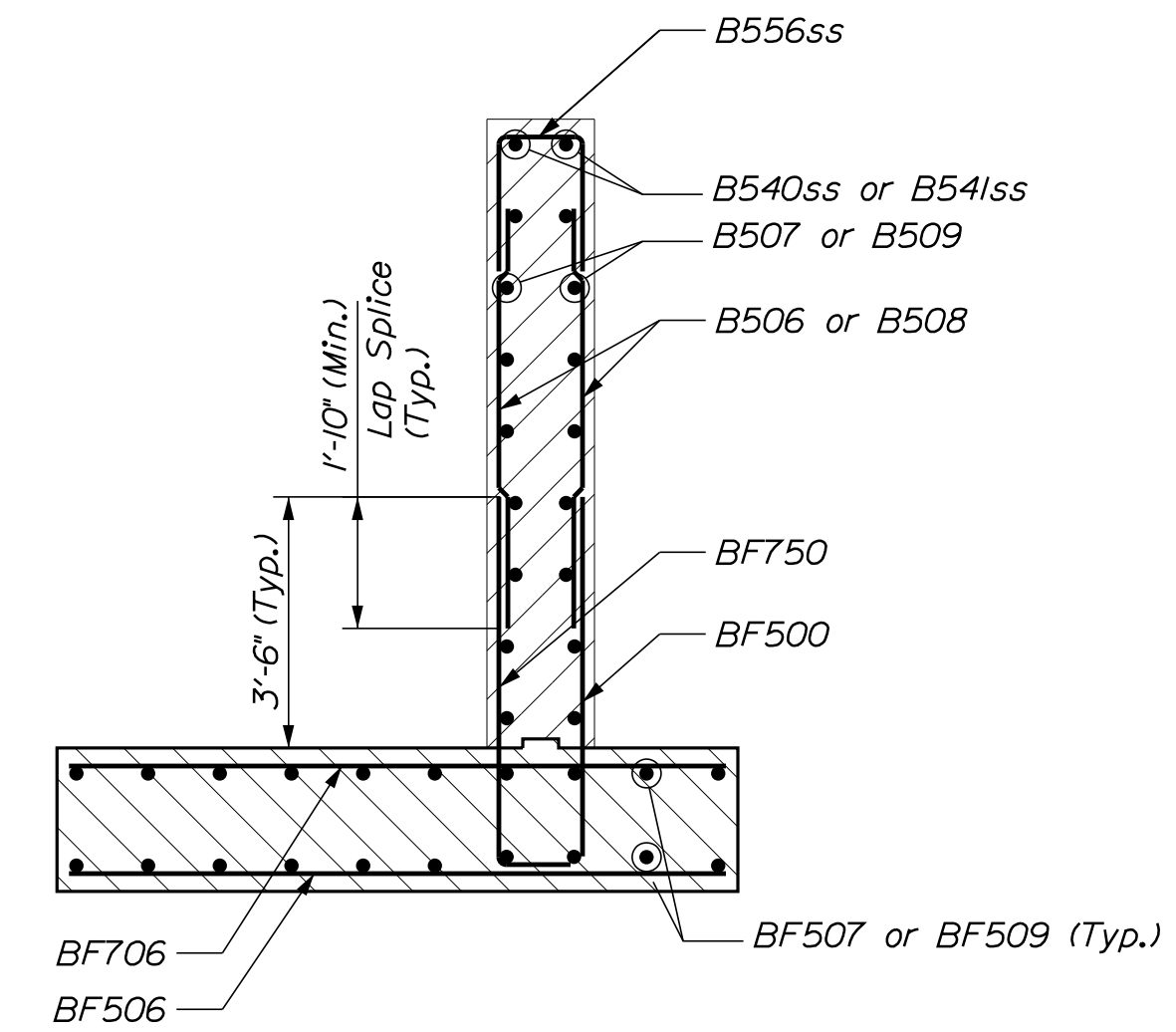
ABUTMENT NO. 2
NORTHWEST WINGWALL - ELEVATION



ABUTMENT NO. 2
NORTHEAST WINGWALL - ELEVATION



ABUTMENT NO. 2 - SECTION



ABUTMENT NO. 2 WINGWALL - SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	M. PARLIN	BY	DATE
DESIGN DETAILED	B. WELCH	D. BURGESS	12-06-17
CHECKED/REVIEWED	B. WELCH	J. BURGESS	12-06-17
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
ABUTMENT NO. 2
WINGWALLS AND SECTIONS

SHEET NUMBER

46

OF 63

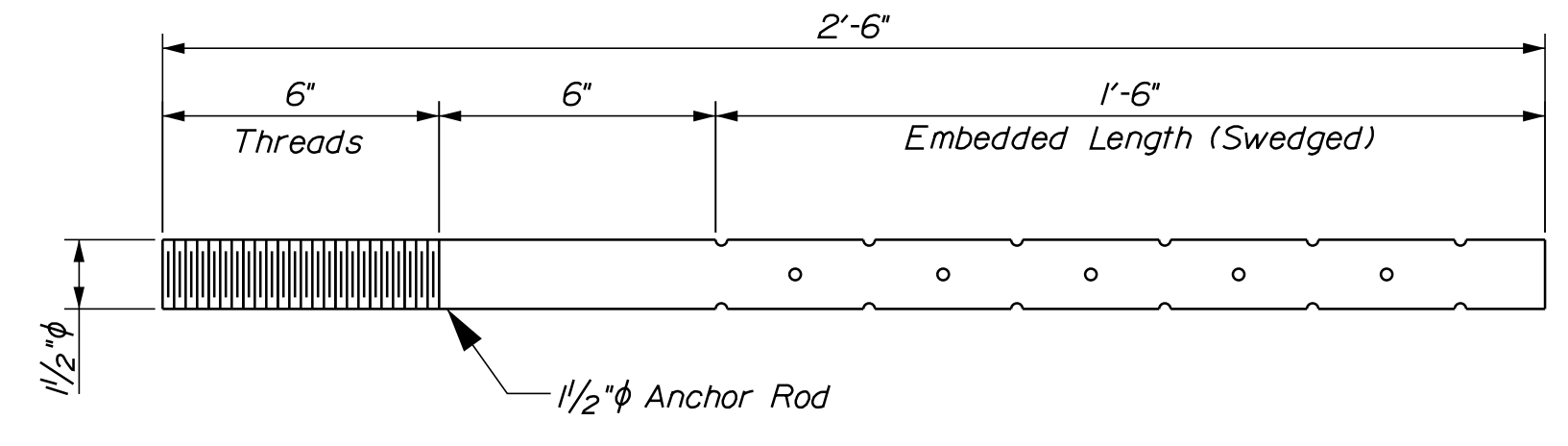


Date: 1/29/2018

Username: common

Division: BRIDGE

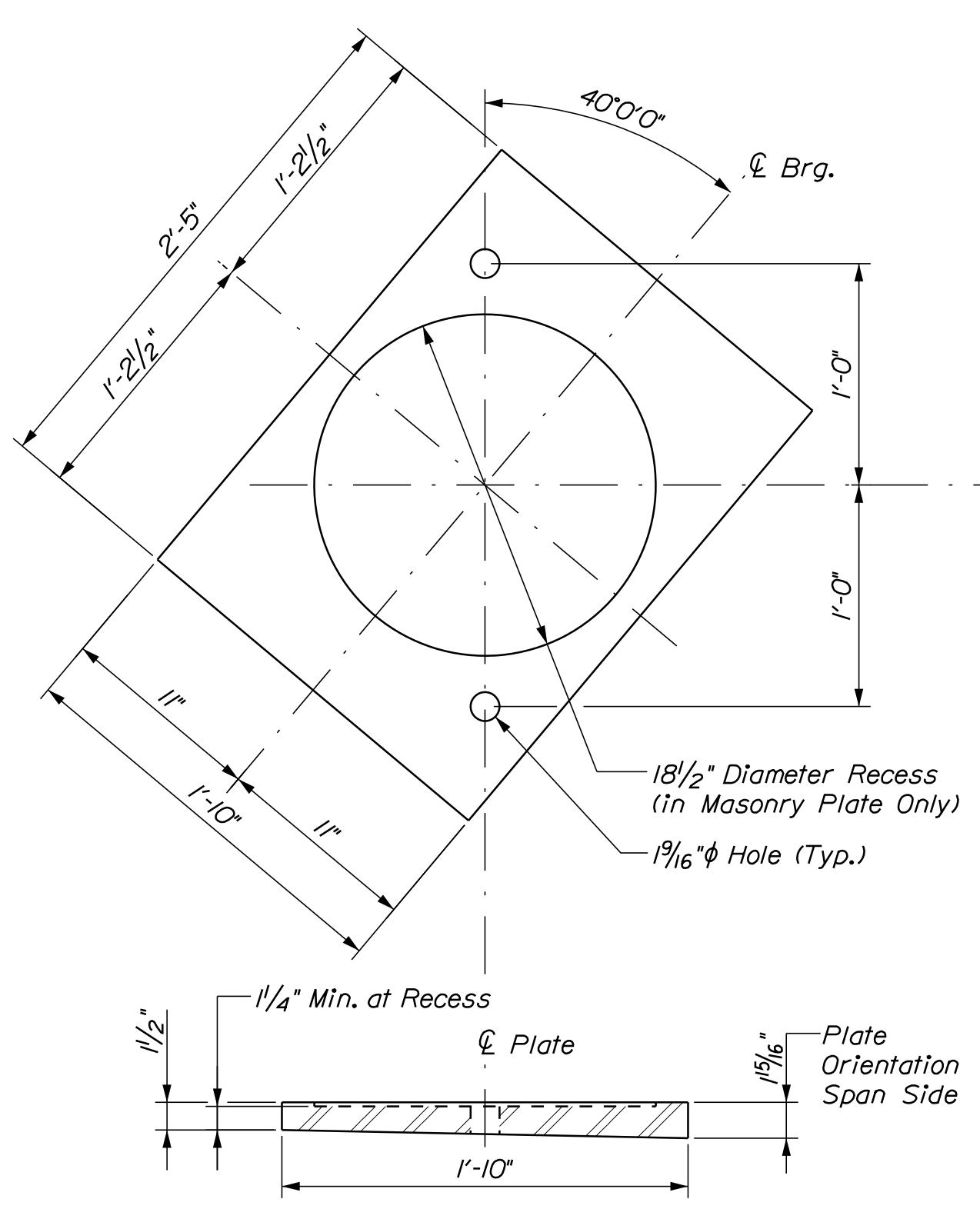
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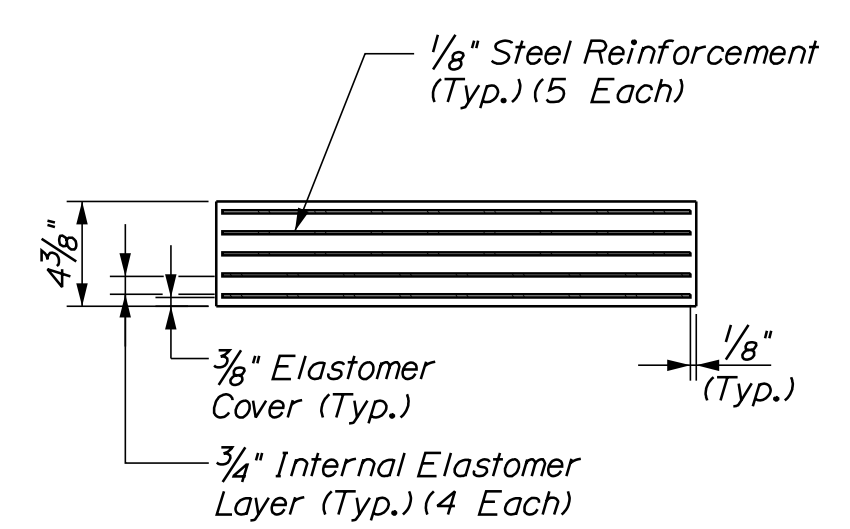
ANCHOR ROD DETAIL

ELASTOMERIC BEARING NOTES

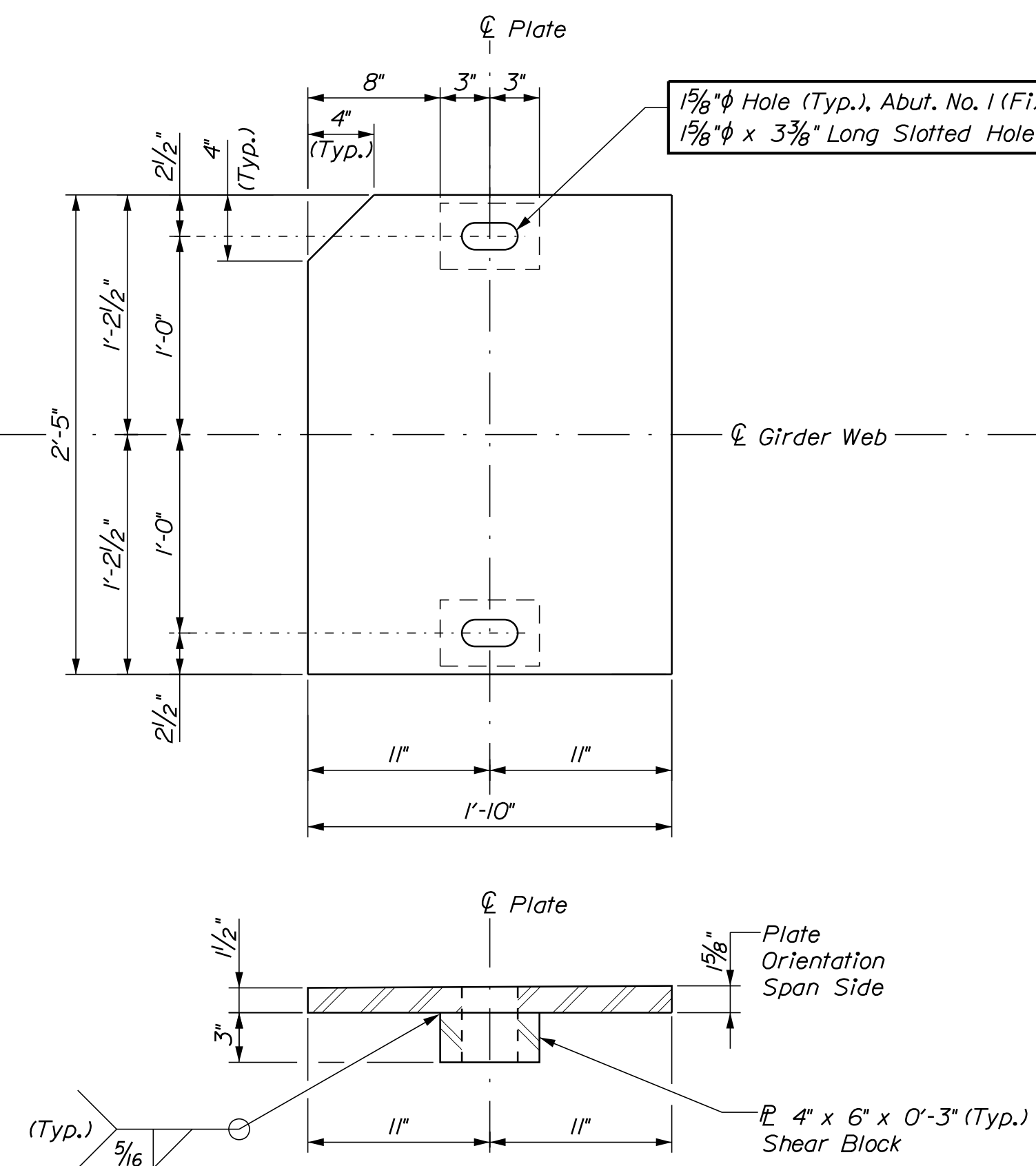
1. The shear modulus of the elastomer shall be between 100 and 130 psi.
2. Vulcanizing of the elastomer to the steel plates shall be done during the primary mold process.
3. Upset the threads on the anchor rods after assembly of the bearing.
4. Anchor rods shall meet the requirements or ASTM F1554, Grade 105 and swaged on the embedded portion of the rod.
5. Bearings shall be covered during transit.
6. Sole plates, masonry plates, and shear blocks shall meet the requirements of ASTM A709/A709M, Grade 50.
7. Masonry plates, sole plates, and shear blocks shall be galvanized in accordance with Section 506. Anchor rods, washers and nuts shall be galvanized to ASTM A153 or ASTM B695, Class 50, Type 1.
8. 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.
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.



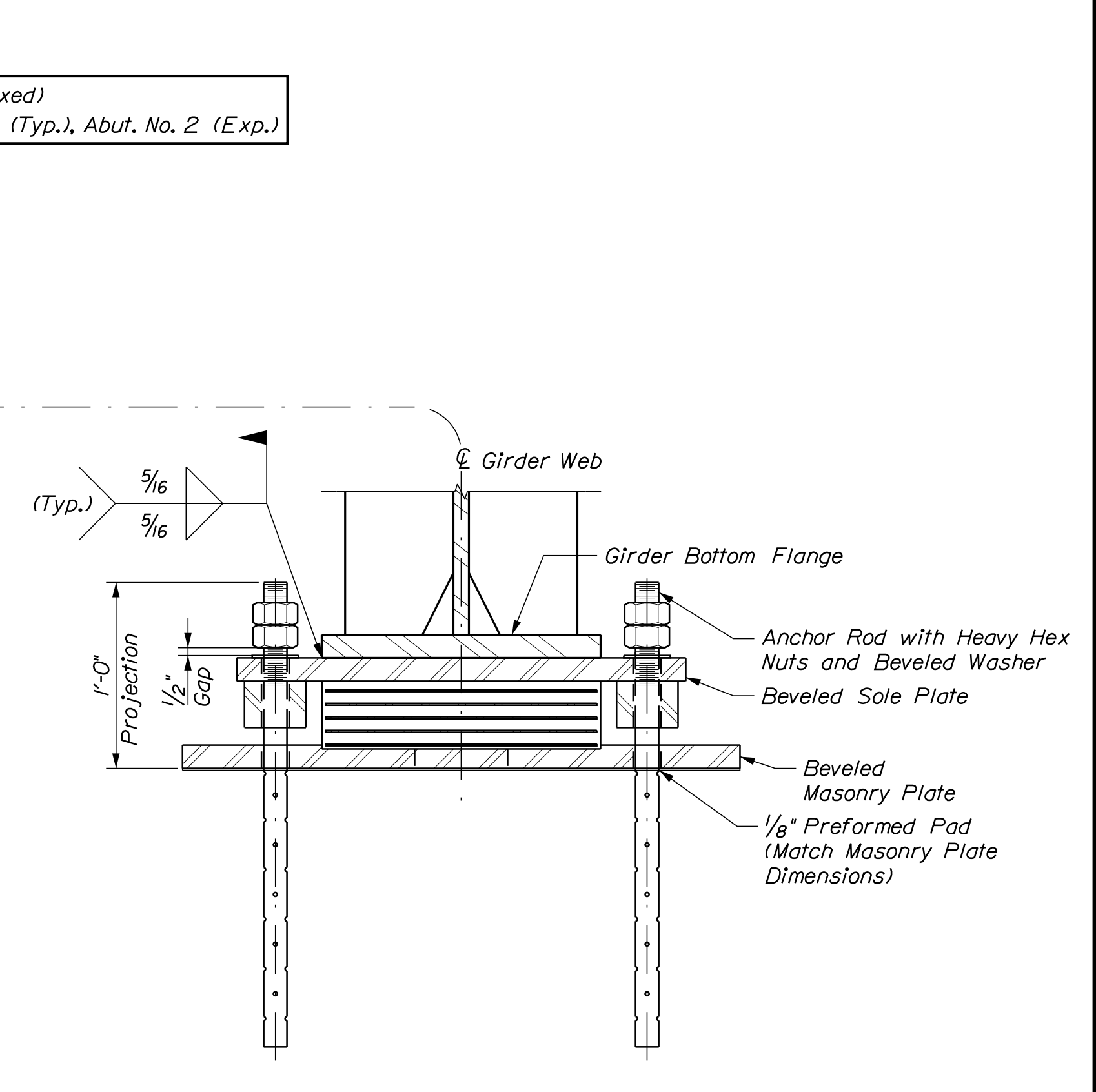
BEVELED MASONRY PLATE
(10 Required)



ELASTOMERIC BEARING
(10 Required)



BEVELED SOLE PLATE
Abutment No. 1 (Fixed) (5 Required)
Abutment No. 2 (Exp.) (5 Required)



BEARING ASSEMBLY

STATE OF MAINE	BRIDGE NO. 3256
DEPARTMENT OF TRANSPORTATION	WIN
021701.00	021701.00
	BRIDGE PLANS

DATE	SIGNATURE
12-06-17	
12-06-17	
	P.E. NUMBER
	DATE

PROJ. MANAGER	M. PARLIN
DESIGN DETAILED	B. WELCH
CHECKED/REVIEWED	B. WELCH
DESIGN DETAILED	J. BURGESS
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
BEARING DETAILS

SHEET NUMBER

47

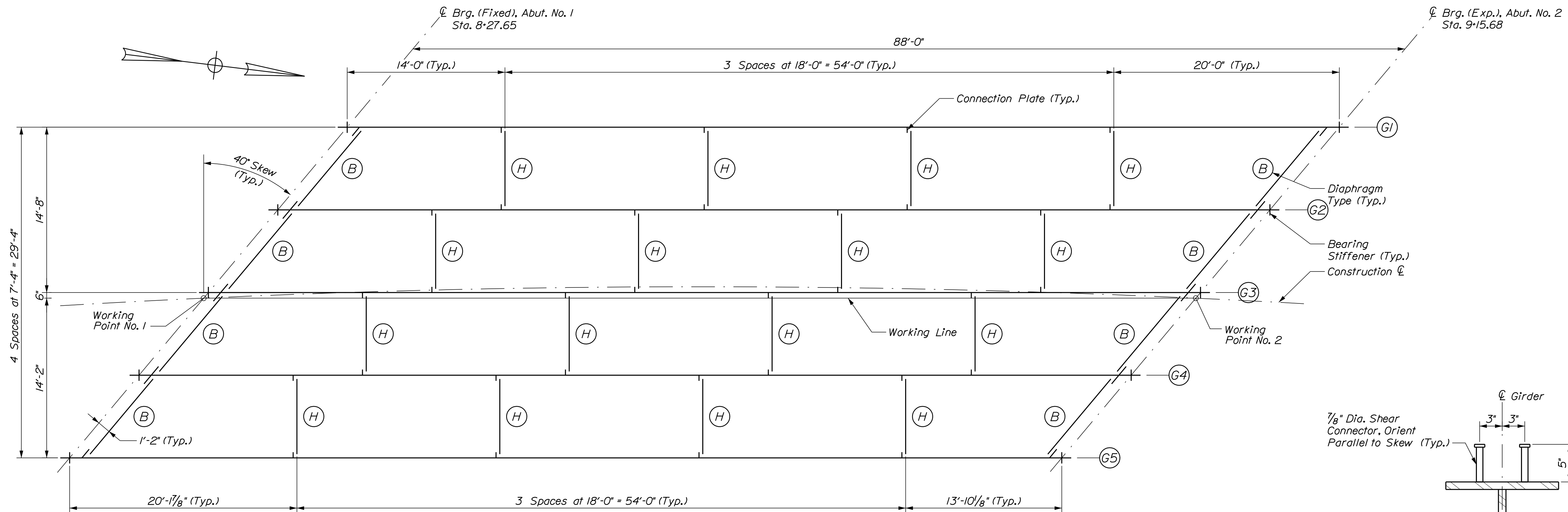
OF 63



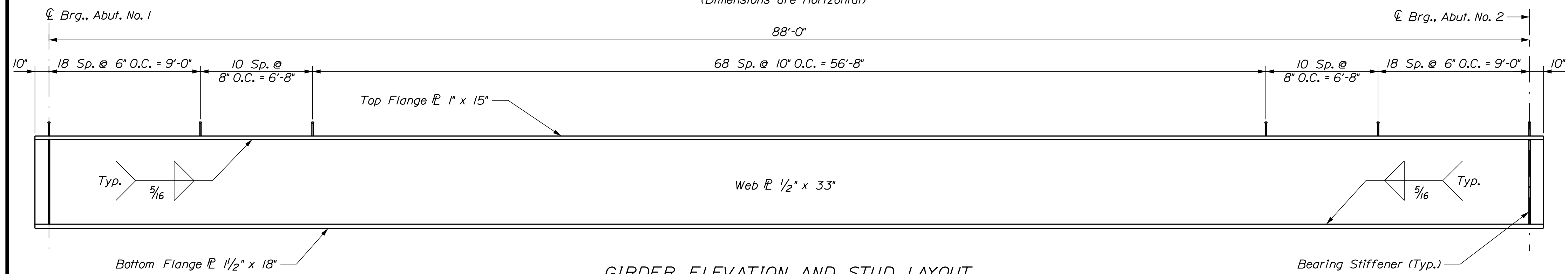
Date: 1/25/2018

Username: common

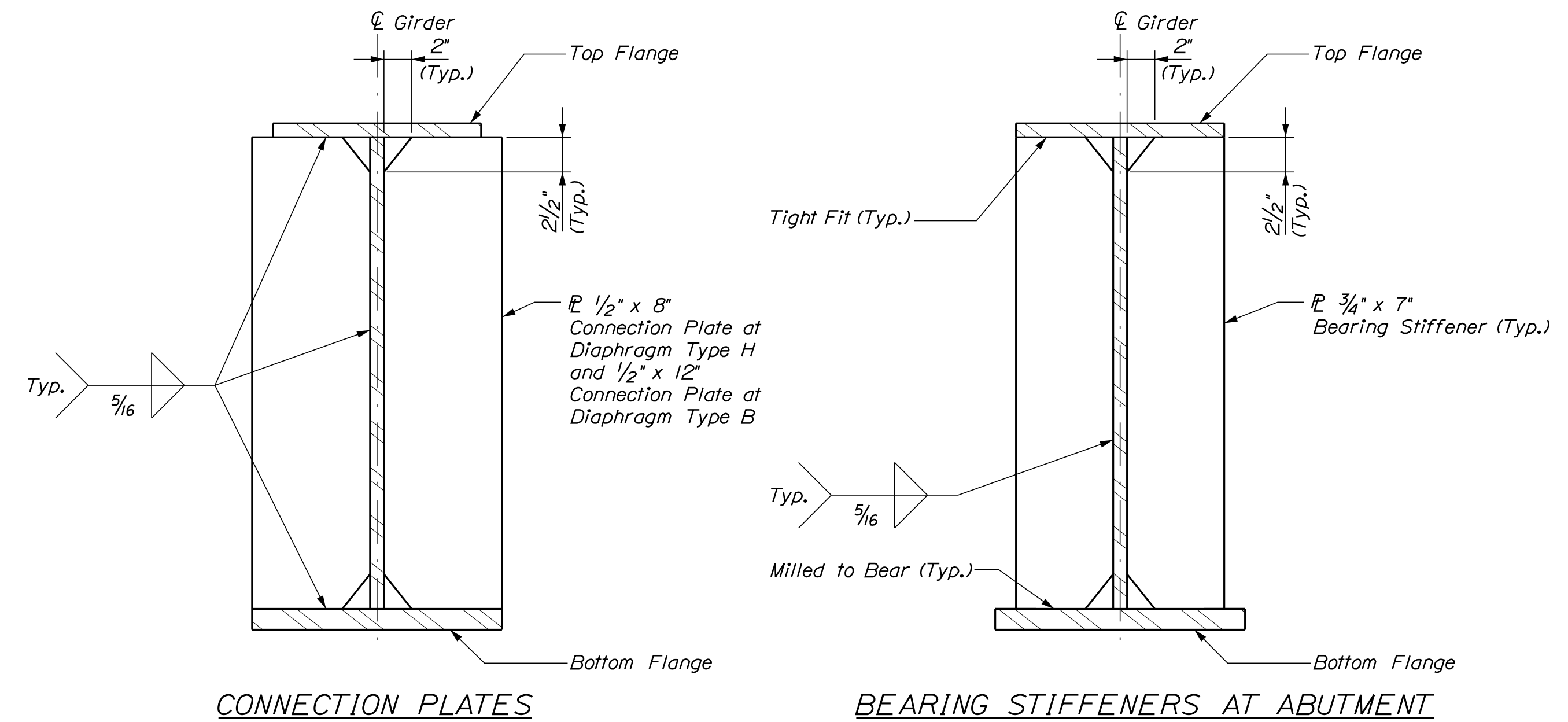
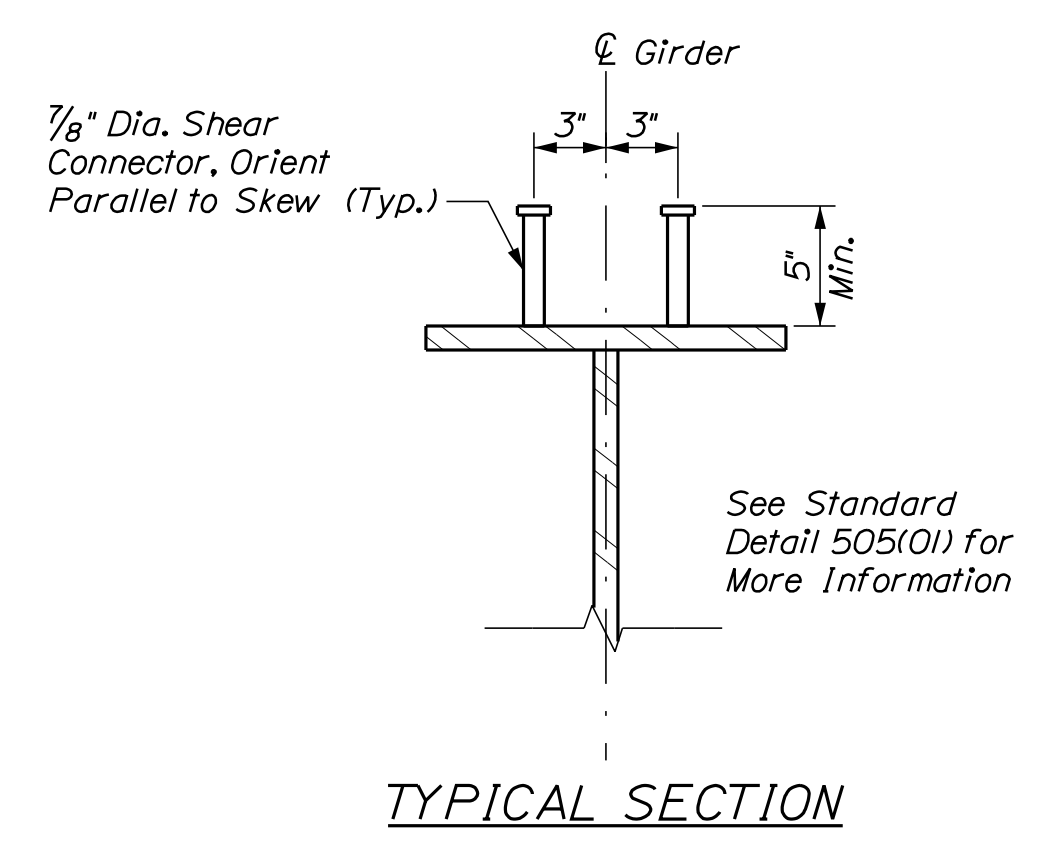
Filename: ... \00\BRIDGE\MSTA\048_Framing.dgn Division: BRIDGE



FRAMING PLAN
(Dimensions are Horizontal)



GIRDER ELEVATION AND STUD LAYOUT
(250 Studs per Girder x 5 Girders = 1,250 Studs)
(Vertical Scale Exaggerated for Clarity)
(Dimensions are Horizontal)



CONNECTION PLATES

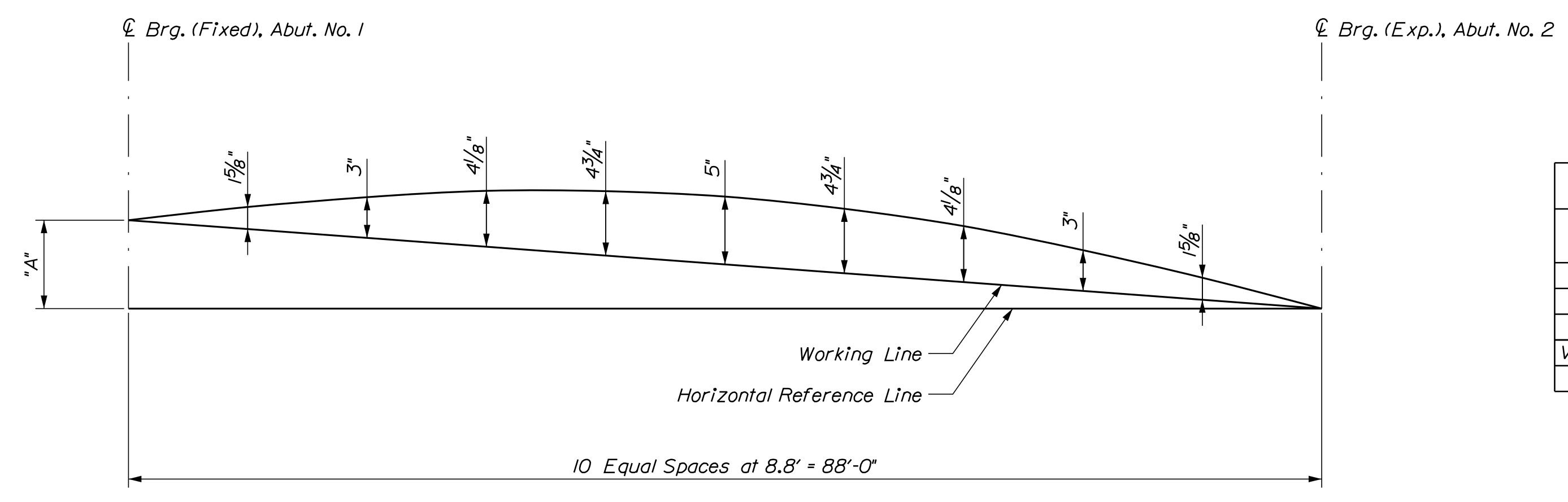
BEARING STIFFENERS AT ABUTMENT

STRUCTURAL STEEL NOTES

- At the Contractor's option, the Diaphragms and Cross Frames may be Hot-Dipped Galvanized in accordance with Standard Specifications Section 506, Shop Applied Protective Coating, as approved by the Resident. Payment will be considered incidental to Item 506.9104, Thermal Spray Coating (Shop Applied), no separate payment will be made.
- At the Contractor's option, all Structural Steel may be Hot-Dipped Galvanized in accordance with Standard Specifications Section 506, Shop Applied Protective Coating, as approved by the Resident. Double Hot-Dipped galvanizing shall be approved by the Resident. Payment will be considered incidental to Item 506.9104, Thermal Spray Coating (Shop Applied), no separate payment will be made.
- Damage to the Protective Coating during transportation, erection or fielding welding shall be performed using a Galvanized Repair Paint from the Qualified Products List and applied per Manufacturer's Recommendations.
- Camber ordinates, as shown, are computed to compensate for all dead load deflections and for the curvature of the finished grade profile.
- No transverse butt weld splices will be allowed in the flange plates or web plates within 10 feet or 10 percent of the span length (whichever is greater) from the points of maximum positive moment. Butt weld splices in flanges shall be not less than one foot from transverse butt welds in the web plates and no transverse web or flange butt welds shall be located within one foot of other transverse welds (e.g. connection plates to web welds) on either flange or web.
- Sections of flange plates or web plates between transverse shop splices or between a transverse shop splice and a field splice shall be not less than 20 feet in length unless otherwise shown on the plans.
- Bearing stiffeners shall be plumb after erection and dead loading of the structure. Intermediate connection plates may be either plumb or normal to the top flange.
- Crossframe or diaphragm connection plates may be either plumb or normal to the top flange.
- For details and notes of diaphragms Type B and H, see Standard Details 504(O), 504(O3) and 504(O7).
- Structural Steel was designed with a vertical construction live load of 50 lb/sf and a lateral wind velocity of 100 mph.
- All bolts, nuts, and washers shall not be Hot-Dip galvanized in accordance with ASTM A153.
- Bolted diaphragms or cross frame connections shall be made using 7/8" diameter, ASTM F 3125, Grade A 325, Type 1 H.S. bolts. Hole size shall be 15/16" diameter. The minimum edge distance shall be 1 1/2" unless otherwise shown. Oversized or short-slotted holes are not permitted. Bolt threads shall be excluded from the shear plane of cross frame or diaphragms connections.

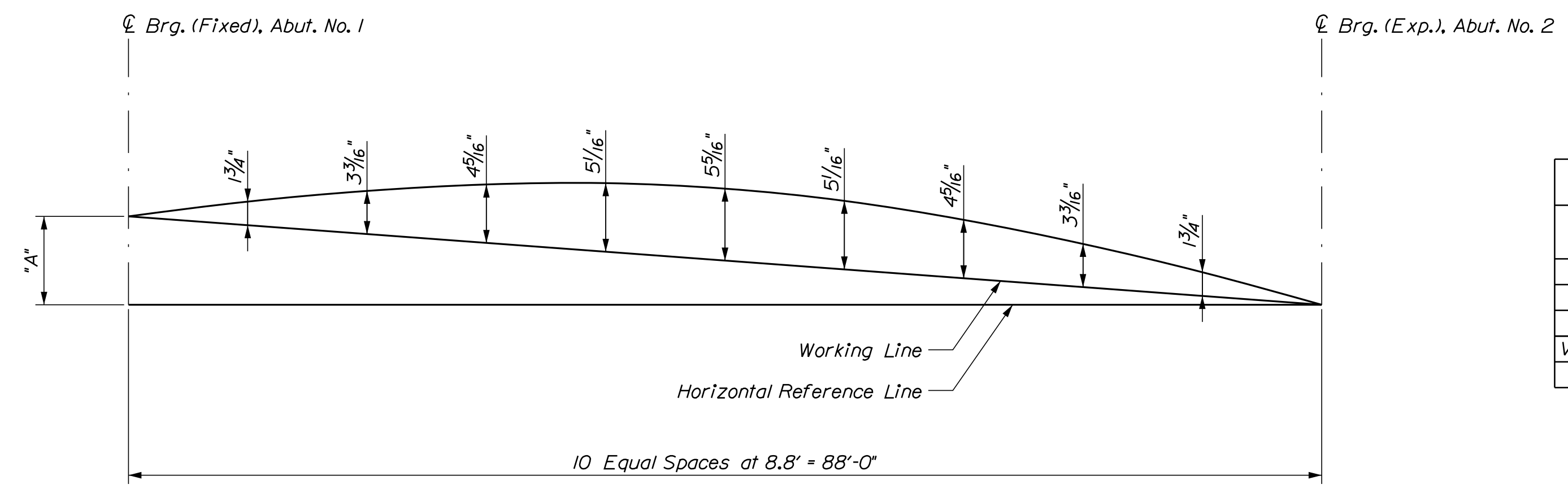


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		BRIDGE NO. 3256	
021701.00		WIN		021701.00	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP	
SOMERSET COUNTY		SOMERSET COUNTY		SOMERSET COUNTY	
FRAMING PLAN		FRAMING PLAN		FRAMING PLAN	
PROJ. MANAGER	M. PARLIN	BY	D. BURGESS	DATE	12-06-17
DESIGN DETAILED	B. WELCH	CHECKED/REVIEWED	B. WELCH	DATE	12-06-17
DESIGNED/DETAILS		DESIGNED/DETAILS		DATE	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3		DATE	
REVISIONS 4		REVISIONS 4		DATE	
FIELD CHANGES		FIELD CHANGES		DATE	
SHEET NUMBER		48		OF 63	



CAMBER DIAGRAM - EXTERIOR GIRDER 1 AND 5

	℄ Brg. Abut. No. 1	1	2	3	4	5	6	7	8	9	℄ Brg Abut. No. 2
Steel	0.00	0.22	0.42	0.57	0.67	0.71	0.67	0.57	0.42	0.22	0.00
Fluid	0.00	0.88	1.66	2.27	2.66	2.79	2.66	2.27	1.66	0.88	0.00
Superimposed	0.00	0.07	0.14	0.18	0.22	0.23	0.22	0.18	0.14	0.07	0.00
Vertical Alignment Adjustment	0.00	0.46	0.81	1.07	1.22	1.27	1.22	1.07	0.81	0.46	0.00
Total Camber	0"	1 5/8"	3"	4 1/8"	4 3/4"	5"	4 3/4"	4 1/8"	3"	1 5/8"	0"

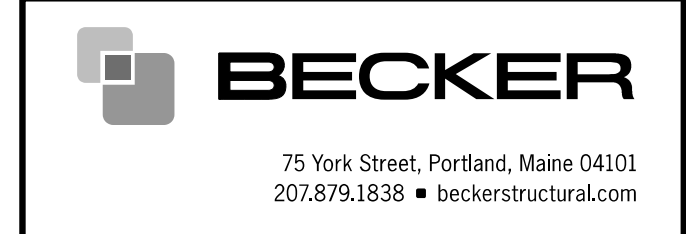


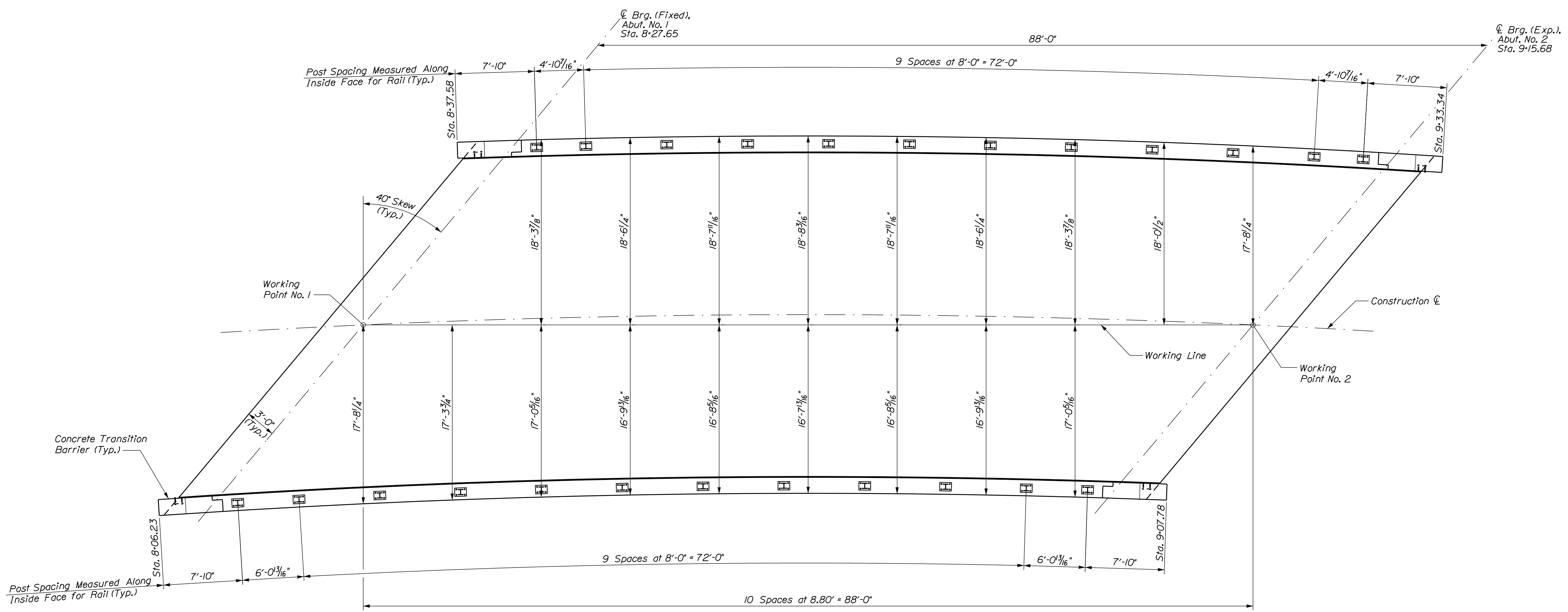
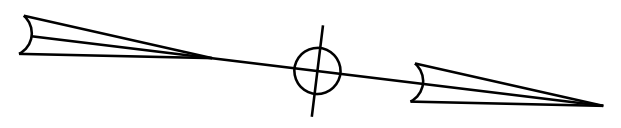
CAMBER DIAGRAM - INTERIOR GIRDER 2, 3 AND 4

	℄ Brg. Abut. No. 1	1	2	3	4	5	6	7	8	9	℄ Brg Abut. No. 2
Steel	0.00	0.22	0.42	0.57	0.67	0.71	0.67	0.57	0.42	0.22	0.00
Fluid	0.00	0.96	1.81	2.48	2.91	3.06	2.91	2.48	1.81	0.96	0.00
Superimposed	0.00	0.07	0.13	0.17	0.20	0.21	0.20	0.17	0.13	0.07	0.00
Vertical Alignment Adjustment	0.00	0.48	0.85	1.11	1.27	1.32	1.27	1.11	0.84	0.47	0.00
Total Camber	0"	1 3/4"	3 3/16"	4 5/16"	5 1/16"	5 5/16"	5 1/16"	4 5/16"	3 3/16"	1 3/4"	0"

Beam	*A* (FT.)
G1	0.24
G2	0.18
G3	0.12
G4	0.06
G5	0.00

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00		WIN		021701.00		BRIDGE NO. 3256		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP		SOMERSET COUNTY		GIRDER DETAILS		SHEET NUMBER		49	
PROJ. MANAGER		M. PARLIN		BY		D. BURGESS		DATE		12-06-17		SIGNATURE	
DESIGN-DETAILED		B. WELCH		CHECKED-REVIEWED		B. WELCH		DATE		12-06-17		P.E. NUMBER	
DESIGN-DETAILED		REVISIONS 1		DESIGN-DETAILED		REVISIONS 2		DATE		12-06-17		DATE	
DESIGN-DETAILED		REVISIONS 3		DESIGN-DETAILED		REVISIONS 4		DATE		12-06-17		DATE	
DESIGN-DETAILED		REVISIONS 4		DESIGN-DETAILED		FIELD CHANGES		DATE		12-06-17		DATE	





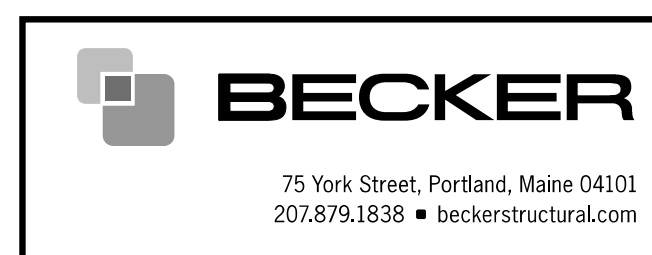
SUPERSTRUCTURE PLAN

STATE OF MAINE	BRIDGE NO. 3256
DEPARTMENT OF TRANSPORTATION	WIN 021701.00
021701.00	BRIDGE PLANS

PROJ. MANAGER	M. PARLIN	DATE	12-06-17
DESIGN DETAILED	B. WELCH	BY	D. BURGESS
CHECKED/REVIEWED	B. WELCH	DATE	12-06-17
DESIGN DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
SUPERSTRUCTURE PLAN

SHEET NUMBER
50
OF 63

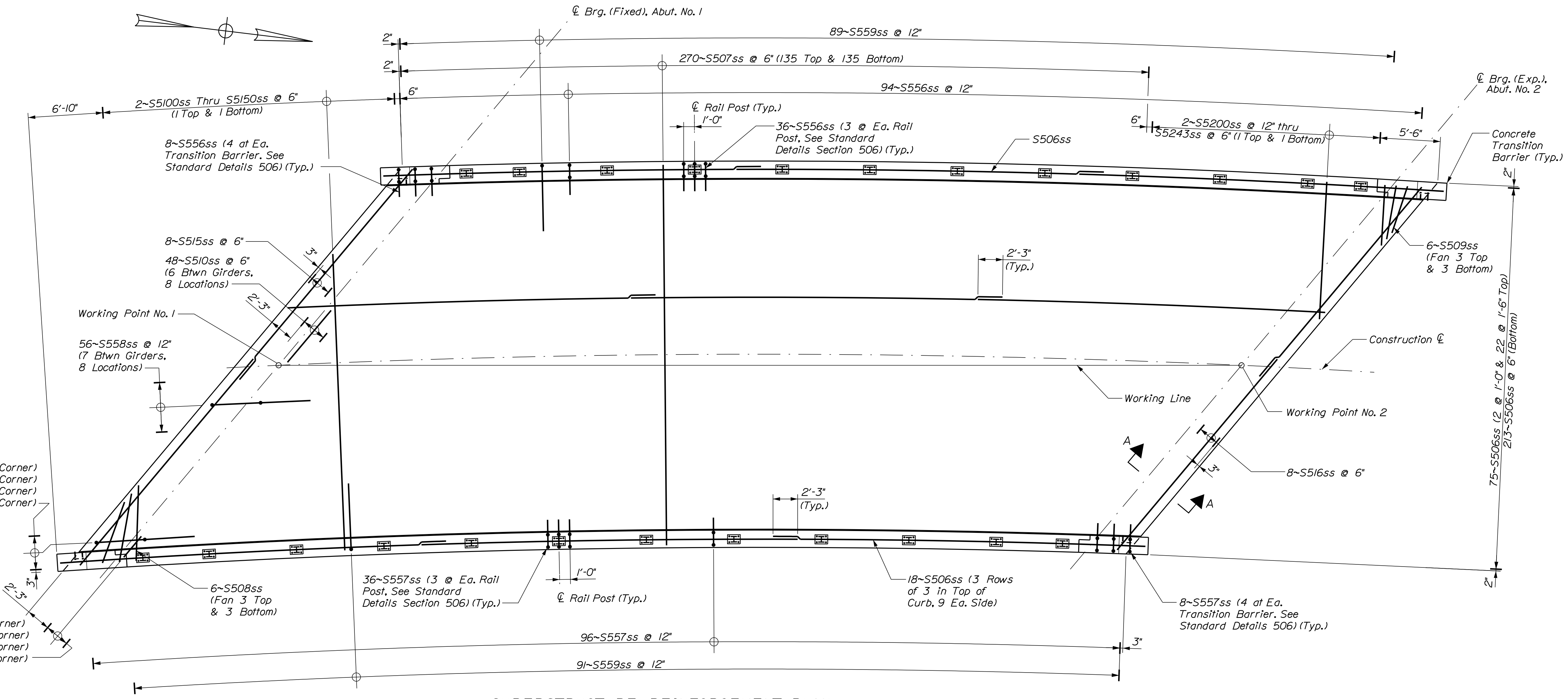


Date: 2/2/2018

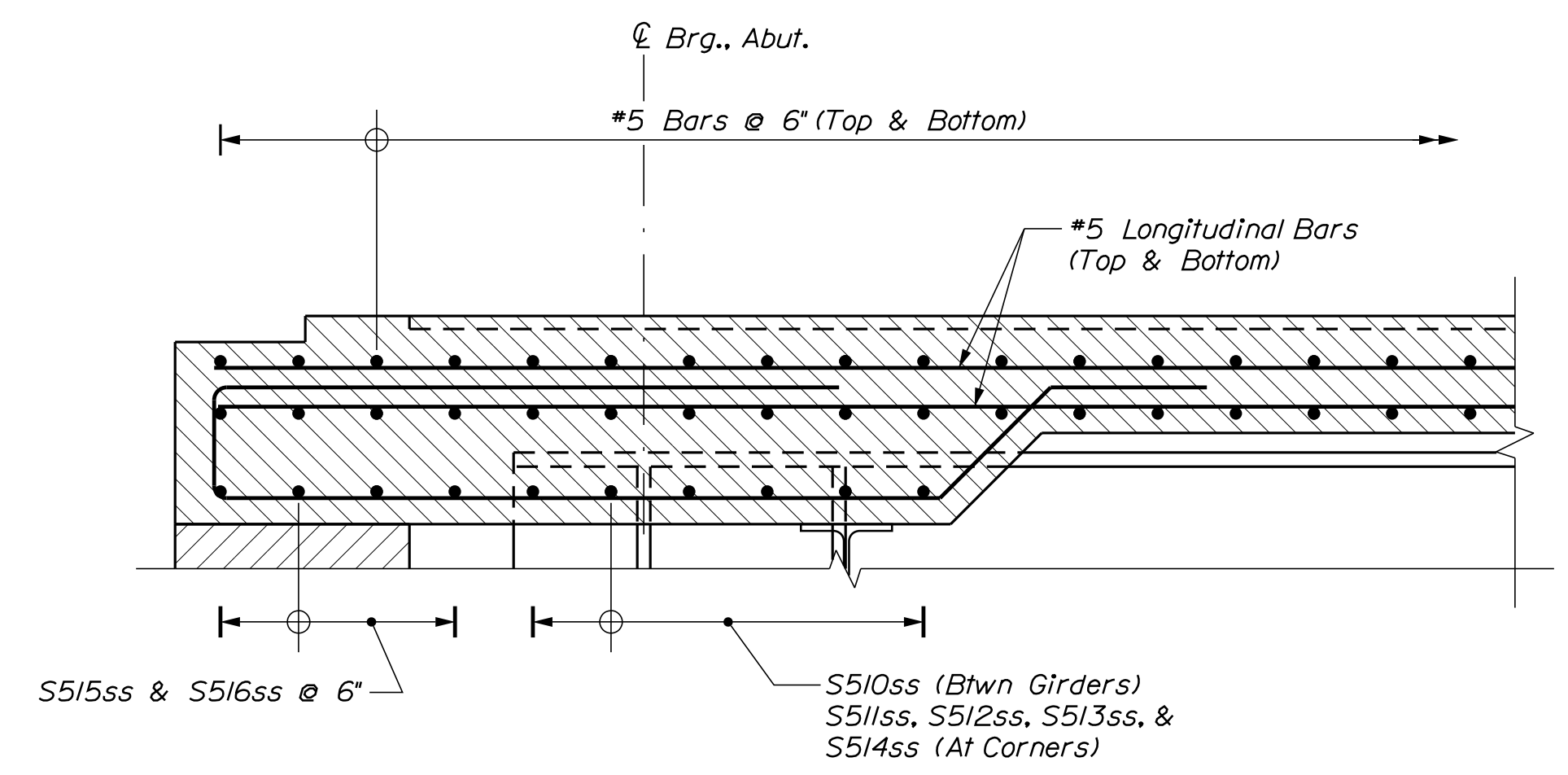
Username: common

Division: BRIDGE

Filename: ... \051_SuperstructurePlan_Reinf.dgn



SUPERSTRUCTURE REINFORCEMENT PLAN



SECTION A-A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN 021701.00
BRIDGE NO. 3266
BRIDGE PLANS

DESIGN DETAILED	M. PARLIN	DATE	DATE
CHECKED/REVIEWED	D. BURGESS	12-06-17	SIGNATURE
DESIGN DETAILED	J. BURGESS	12-06-17	P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	D. BURGESS	12-06-17
CHECKED/REVIEWED	J. BURGESS	12-06-17
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
SUPERSTRUCTURE PLAN
REINFORCEMENT

SHEET NUMBER

51

OF 63

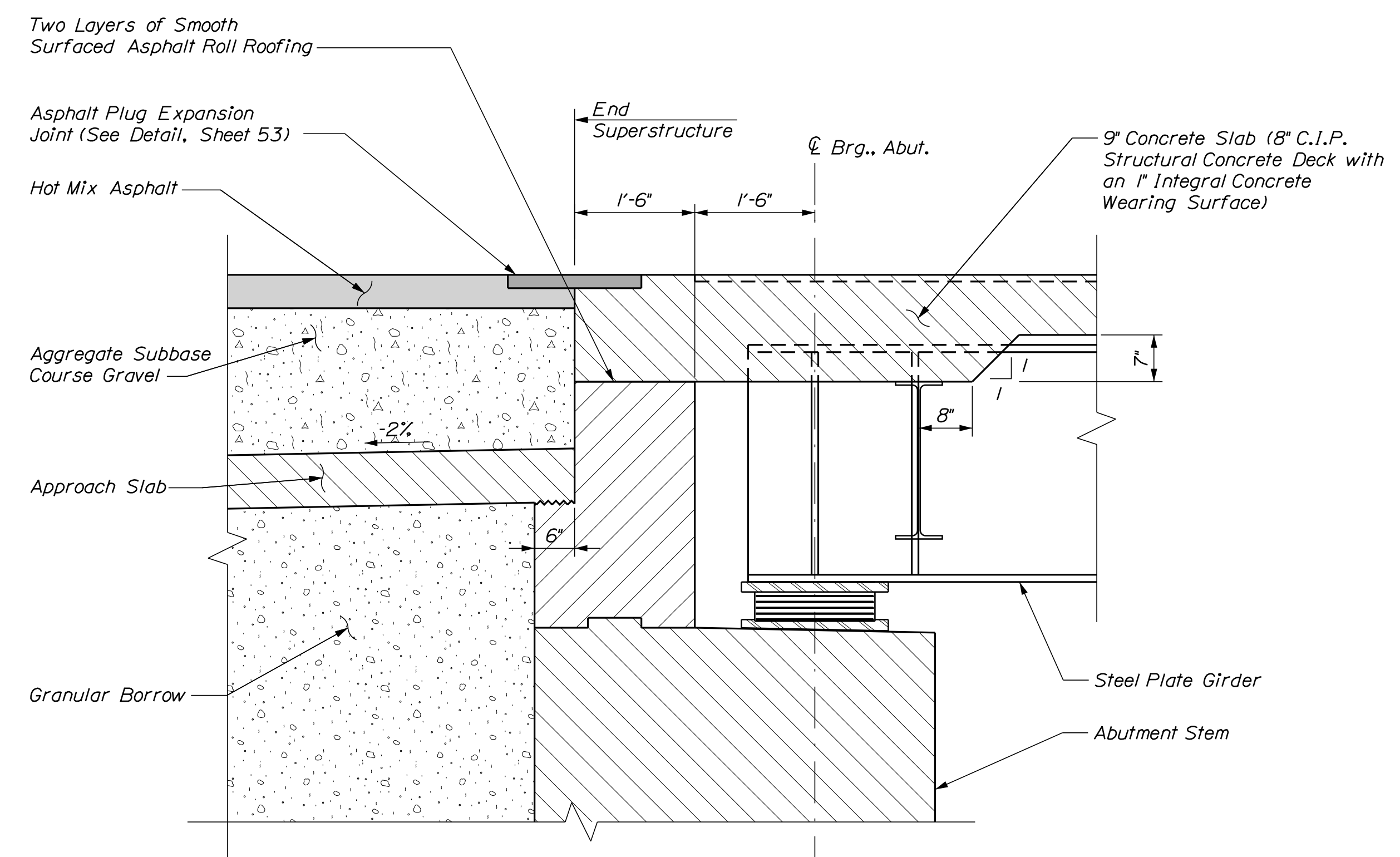
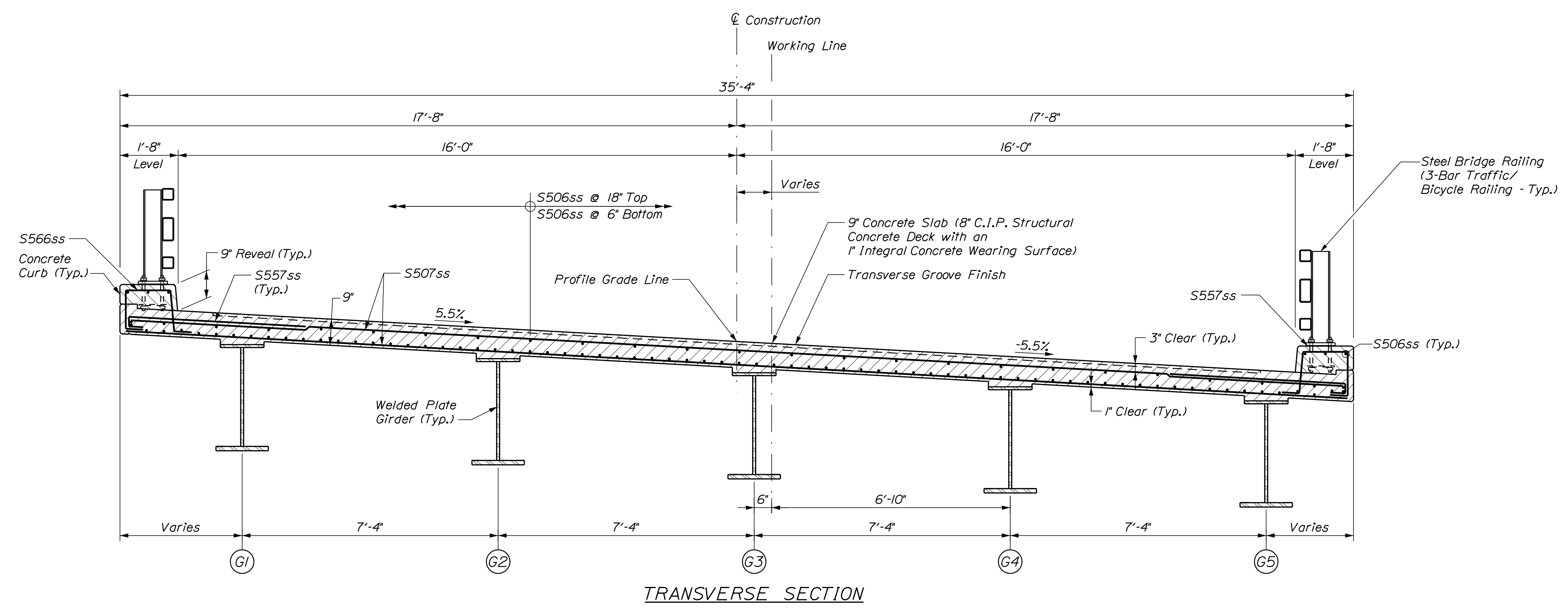


Date: 12/20/2017

Username: common

Division: BRIDGE

Filename: ... \052_SuperstructureDet_01.dgn

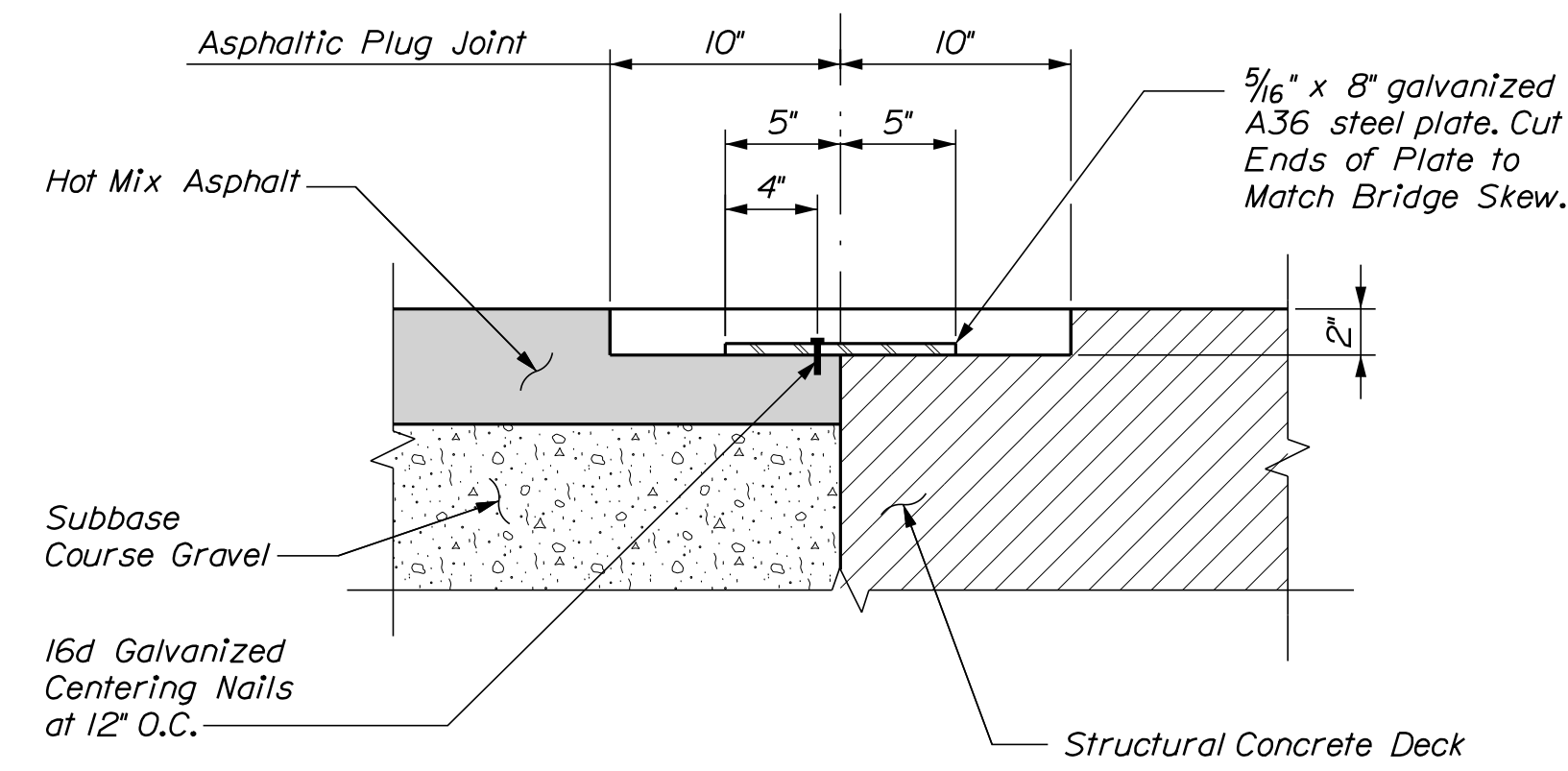
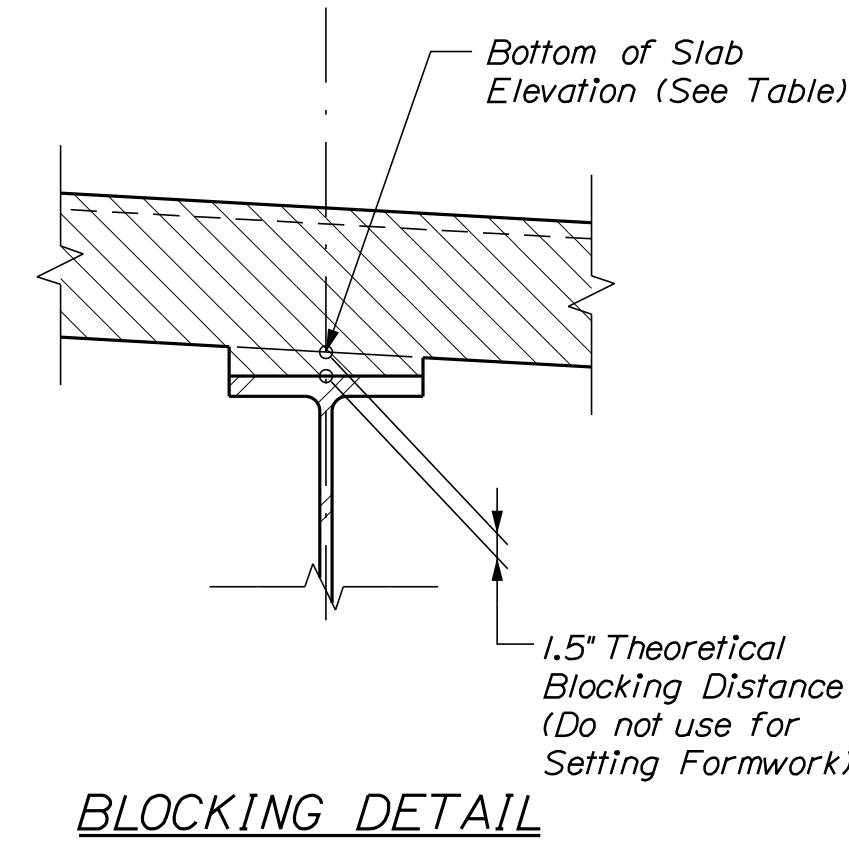
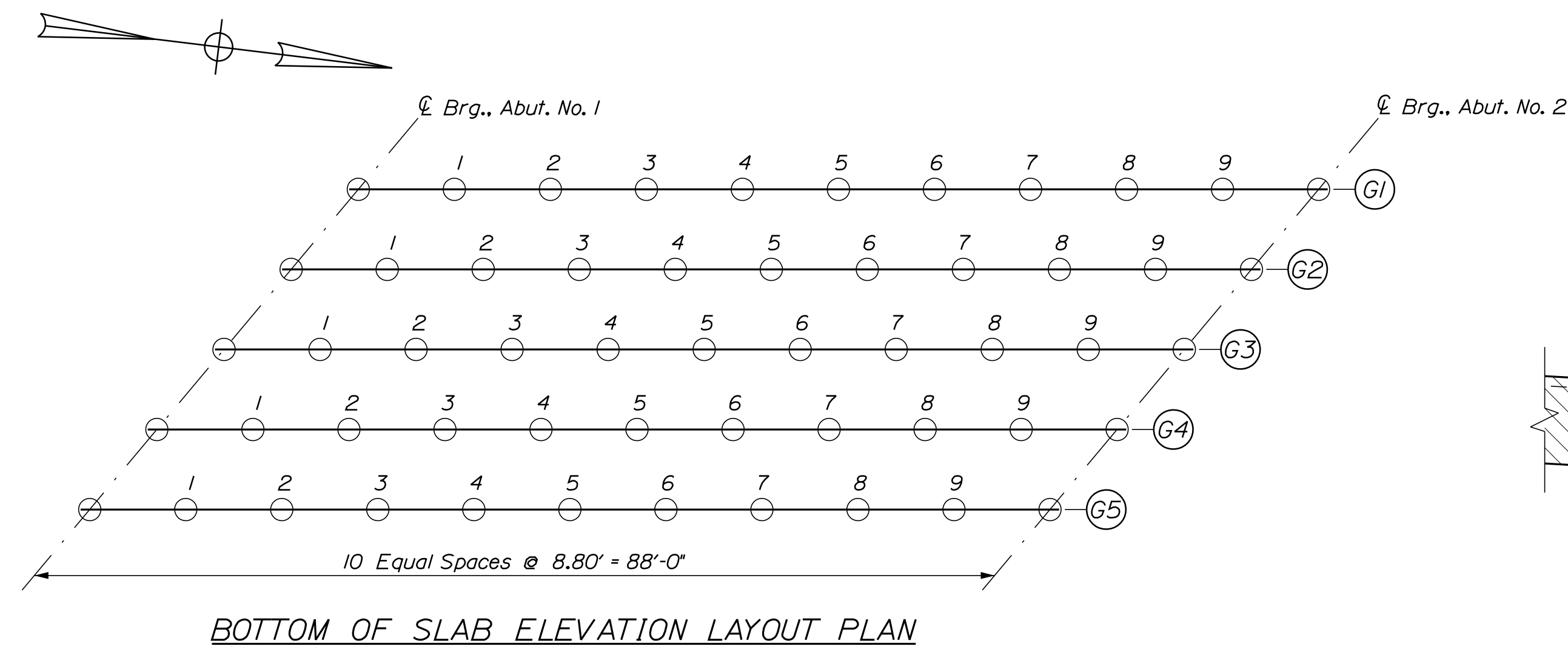


SUPERSTRUCTURE NOTES

- The theoretical blocking used for design of the structure is 1/2 inch at the centerline of bearing of the abutments. Refer to Standard Detail 502(03) for blocking details.
- Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
- Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.
- The superstructure slab concrete for each span shall be placed continuously and shall be kept plastic until the entire placement has been made.
- Provide 3 additional stirrups in the curbs at each Transition Barrier location.
- The Contractor shall install Transition Barrier vertical closed stirrups, as shown in Standard Details Section 526, prior to the placement of the curb or sidewalk concrete.
- Precast deck panels are prohibited from use by the Contractor.

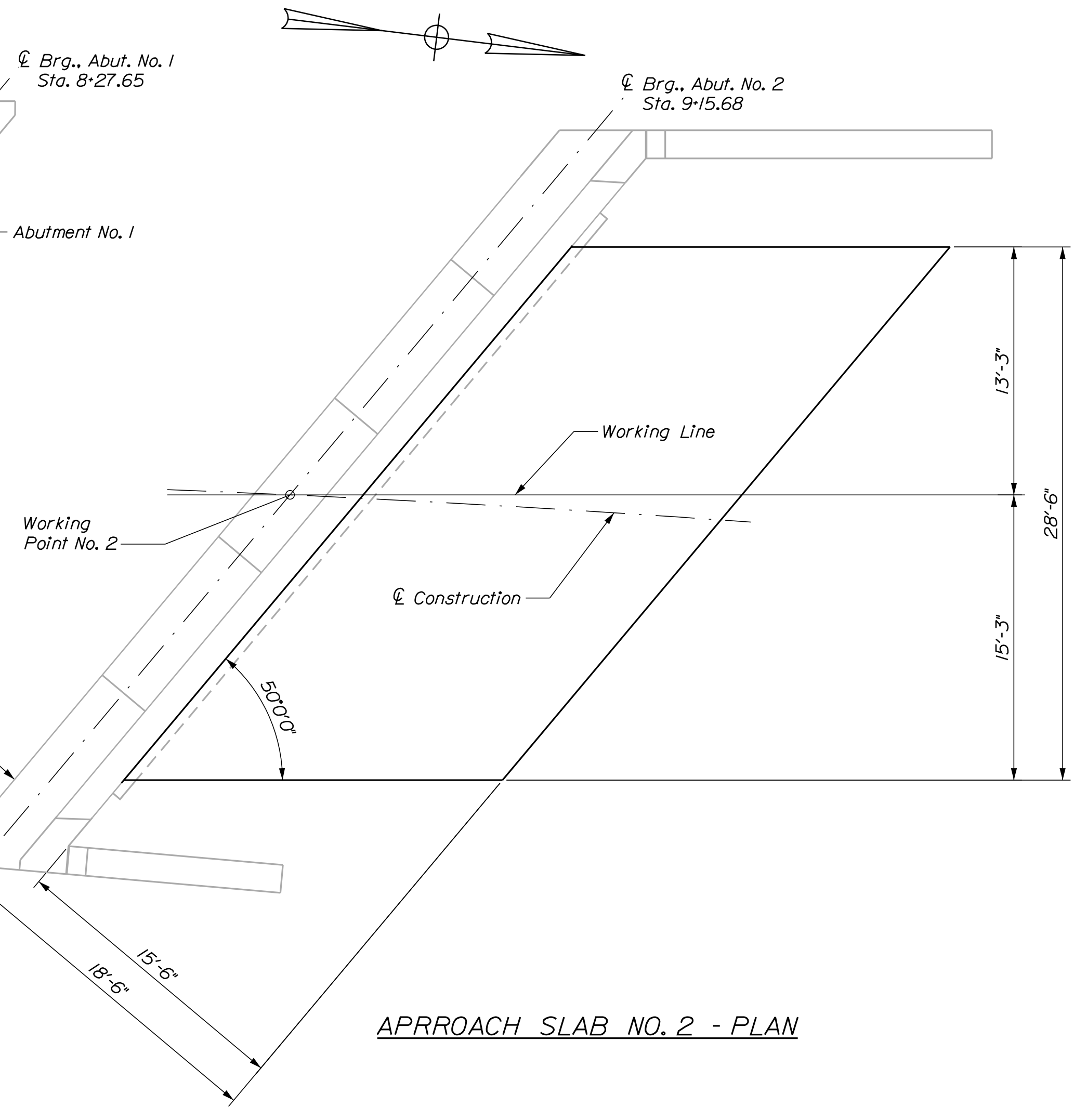
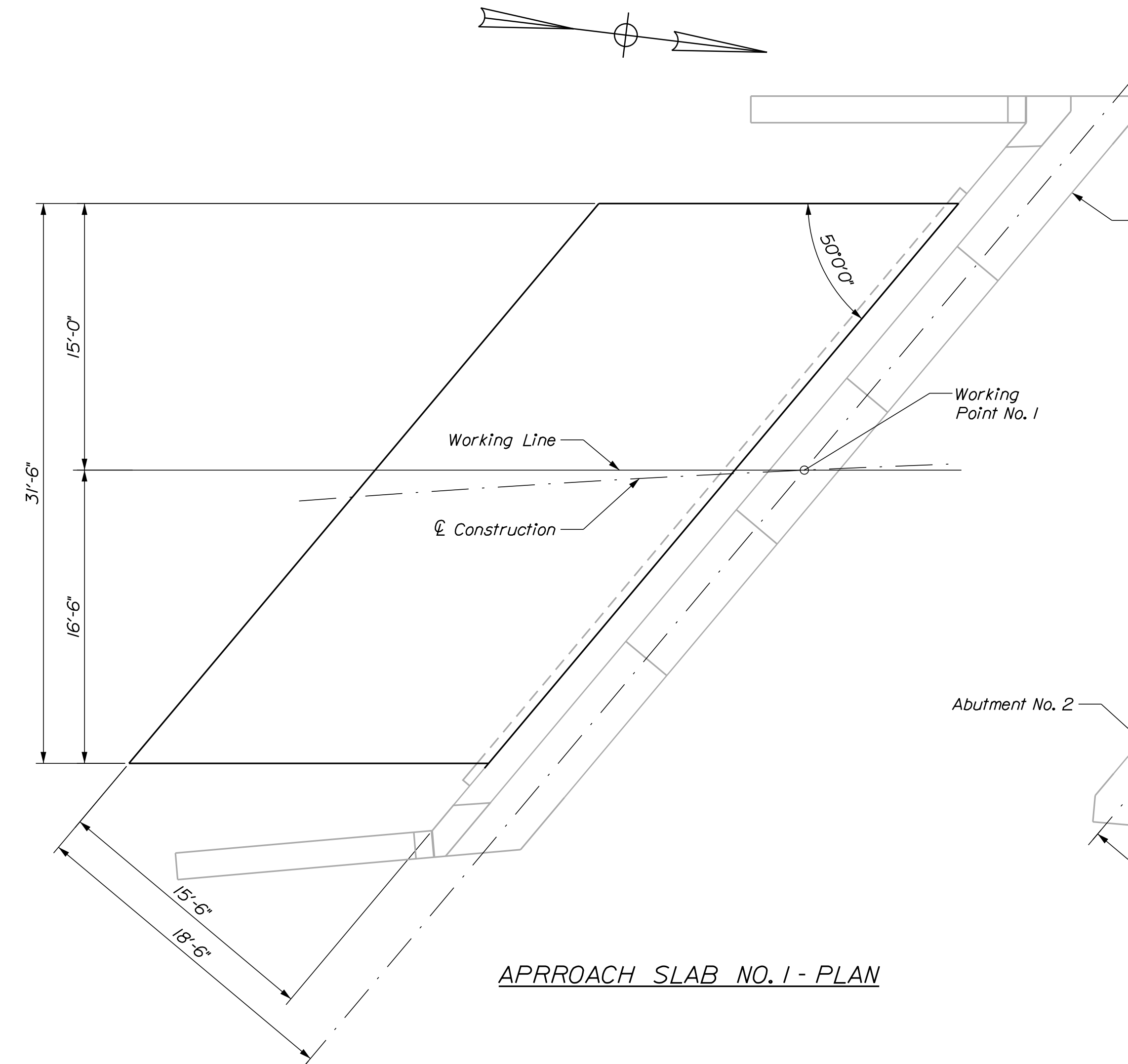
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021701.00		BRIDGE NO. 3256		WIN		021701.00		BRIDGE PLANS	
C.P.R. CROSSING BRIDGE		CENTRAL MAINE & QUEBEC RAILWAY		SAPLING TWP		SOMERSET COUNTY		SUPERSTRUCTURE DETAILS		SHEET NUMBER		52	
PROJ. MANAGER	M. PARLIN	DESIGN-DETAILED	B. WELCH	CHECKED-REVIEWED	B. WELCH	DESIGN-DETAILED		REVISIONS 1		REVISIONS 2		REVISIONS 3	
DATE	12-06-17	BY	D. BURGESS	DATE	12-06-17	BY	J. BURGESS	DATE		BY		DATE	
FIELD CHANGES													
REVISIONS 4													





BOTTOM OF SLAB ELEVATION TABLE

	℄ Brg. Abut 1	1	2	3	4	5	6	7	8	9	℄ Brg. Abut 2
G1	1081.33	1081.43	1081.50	1081.56	1081.58	1081.57	1081.53	1081.46	1081.36	1081.23	1081.09
G2	1080.91	1081.02	1081.11	1081.17	1081.20	1081.20	1081.17	1081.10	1081.00	1080.87	1080.73
G3	1080.49	1080.60	1080.70	1080.77	1080.81	1080.81	1080.78	1080.72	1080.62	1080.50	1080.37
G4	1080.06	1080.18	1080.28	1080.36	1080.40	1080.41	1080.39	1080.33	1080.24	1080.13	1080.00
G5	1079.62	1079.74	1079.85	1079.93	1079.97	1079.99	1079.97	1079.93	1079.85	1079.75	1079.63



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00	
BRIDGE NO. 3266		WIN 021701.00	
BRIDGE PLANS			
	DATE	BY	SIGNATURE
	12-06-17	D.BURGESS	
	12-06-17	J.BURGESS	
	P.E. NUMBER		
	DATE		
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY			
SUPERSTRUCTURE AND APPROACH SLAB DETAILS			
SHEET NUMBER			
53			
OF 63			



Filename: ... \053_SuperstructureDet_02.dgn
 Division: BRIDGE
 Username: common
 Date: 12/11/2017

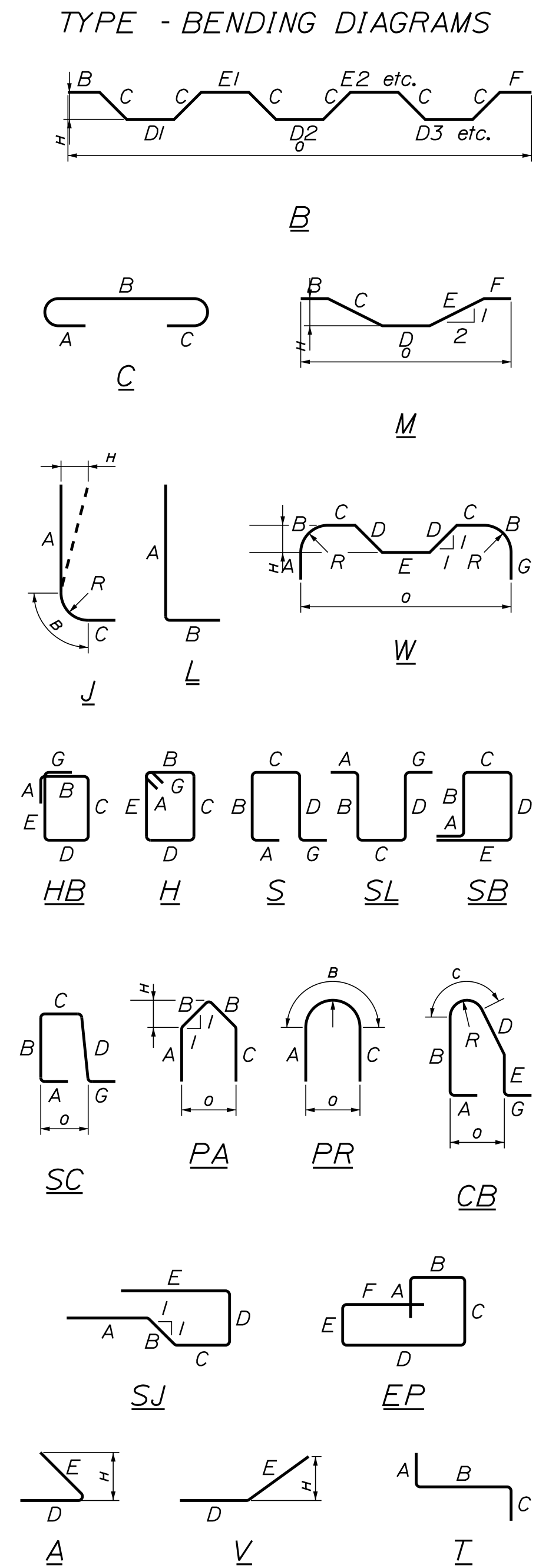
Date: 2/2/2018

Username: common

Division: BRIDGE

Filename: ... \00\BRIDGE\MSTA\054_Rebar.dgn

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			
Abutment Footing No. 1						Abutment Footing No. 2						Abutment Footing No. 1													
AF500	98	5'-3"		BF500	92	5'-3"		AF750	89	6'-3"	L	5'-3"	1'-0"												
AF506	93	9'-0"		BF506	91	9'-0"		Abutment Footing No. 2																	
AF507	20	20'-7"		BF507	20	24'-6"		Abutment No. 1																	
AF508	40	27'-9"		BF508	40	26'-4"		A556ss	31	5'-1"	S	2'-0"	1'-1"	2'-0"									SE Wing and SW Wing		
AF509	20	19'-0"		BF509	20	15'-9"		A557	22	9'-7"	S	2'-6"	4'-7"	2'-6"											
AF510	1	8'-3"		BF510	1	7'-6"		A558	22	12'-1"	S	3'-9"	4'-7"	3'-9"											
AF511	1	7'-1"		BF511	1	6'-1"		A559	1	9'-1"	S	2'-6"	4'-1"	2'-6"											
AF512	1	5'-11"		BF512	1	4'-8"		A560	7	11'-7"	S	3'-9"	4'-1"	3'-9"											
AF513	1	4'-9"		BF513	1	3'-3"		A561	49	11'-1"	S	5'-0"	1'-1"	5'-0"											
AF514	1	3'-7"		BF514	1	8'-9"		A562	44	5'-6"	L	1'-0"	4'-0"												
AF515	1	8'-6"		BF515	1	7'-4"		A563	5	6'-2"	V				4'-4"	1'-10"					1'-3 1/2"				
AF516	1	7'-4"		BF516	1	5'-11"		A564	6	2'-2"	V				1'-10"	4"						3"			
AF517	1	6'-2"		BF517	1	4'-6"		A565ss	3	2'-10"	V				1'-9"	1'-1"						9 1/2"			
AF518	1	5'-0"		BF518	1	3'-1"		A566ss	2	2'-7"	V				1'-3"	1'-4"						10"			
AF519	1	3'-9"		BF706	91	9'-0"		A567ss	5	2'-10"	V				2'-5"	5"						3 3/4"			
AF520	1	2'-6"		BF707	1	7'-6"		Abutment No. 2																	
AF706	93	9'-0"		BF708	1	6'-1"		B556ss	31	5'-1"	S	2'-0"	1'-1"	2'-0"									NE Wing and NW Wing		
AF707	1	8'-3"		BF709	1	4'-8"		B557	17	9'-7"	S	2'-6"	4'-7"	2'-6"											
AF708	1	7'-1"		BF710	1	3'-3"		B558	24	12'-1"	S	3'-9"	4'-7"	3'-9"											
AF709	1	5'-11"		BF711	1	8'-9"		B559	2	9'-1"	S	2'-6"	4'-1"	2'-6"											
AF710	1	4'-9"		BF712	1	7'-4"		B560	5	11'-7"	S	3'-9"	4'-1"	3'-9"											
AF711	1	3'-7"		BF713	1	5'-11"		B561	45	11'-1"	S	5'-0"	1'-1"	5'-0"											
AF712	1	8'-6"		BF714	1	4'-6"		B562	41	5'-6"	L	1'-0"	4'-0"												
AF713	1	7'-4"		BF715	1	3'-1"		B563	6	6'-1"	V				4'-3"	1'-10"						1'-5"			
AF714	1	6'-2"						B564	5	2'-10"	V				1'-10"	1'-0"						8"			
AF715	1	5'-0"						A565ss	2	2'-6"	V				1'-4"	1'-2"							8 1/2"		
AF716	1	3'-9"						A566ss	3	2'-10"	V				1'-6"	1'-4"							9 1/2"		
AF717	1	2'-6"						Superstructure																	
Abutment No. 1						Abutment No. 2						Superstructure													
A506	30	6'-0"	SE Wing	B506	38	7'-8"	NW Wing	S556ss	138	5'-0"	SC	8"	1'-3"	1'-2"	1'-3"							8"		1'-3"	
A507	16	14'-0"	SE Wing	B507	20	18'-0"	NW Wing	S557ss	140	5'-2 1/2"	SC	8"	1'-4"	1'-2"	1'-4 1/2"							8"		1'-3 1/4"	
A508	32	8'-2"	SW Wing	B508	24	6'-3"	NE Wing	S558ss	67	13'-6"	SJ	1'-0"	1'-0"	5'-9"	9"	5'-0"									
A509	20	15'-0"	SW Wing	B509	18	11'-0"	NE Wing	S559ss	180	7'-8"	PR	6'-6"	8"	6"										5"	
A510	20	28'-0"		B510	20	26'-6"																			
A511	10	22'-6"		B511	10	21'-0"																			
A512	15	11'-3"		B512	15	11'-3"																			
A513	2	22'-0"		B513	2	21'-6"																			
A514	1	12'-3"		B514	1	8'-6"																			
A515	1	12'-0"		B515	1	9'-4"																			
A516	1	11'-2"		B516	1	10'-2"																			
A517	1	10'-4"		B517	1	11'-0"																			
A518	1	8'-0"		B518	1	8'-6"																			
A519	5	17'-4"		B519	5	14'-0"																			
A520	5	5'-4"		B520	11	5'-9"																			
A521	6	7'-4"		B521	5	5'-0"																			
A522	6	6'-0"		B522	4	2'-6"																			
A523	4	2'-6"		B523	3	3'-9"																			
A524	4	3'-9"		B524ss	2	2'-8"																			
A525ss	3	3'-4"		B525ss	14	8'-0"																			
A526ss	15	4'-0"		B526ss	6	2'-0"																			
A527ss	5	2'-0"		B527ss	3	2'-10"																			
A540ss	2	14'-0"	SE Wing	B540ss	2	18'-0"																			
A541ss	2	15'-0"	SW Wing	B541ss	2	11'-0"																			
Abutment Slab No. 1						Abutment Slab No. 2																			
IAS501	32	21'-6"	Transverse	2AS501	32	19'-6"	Transverse																		
IAS601	63	19'-0"	Longitudinal	2AS601	57	19'-0"	Longitudinal																		
Superstructure																									
S506ss	306	33'-3"																							
S507ss	270	34'-0"																							
S508ss	6	6'-0"	Fan Bars, SE Corner																						
S509ss	6	5'-4"	Fan Bars, NW Corner																						
S510ss	48	7'-4"																							
S511ss	6	2'-10"	SW Corner																						
S512ss	6	4'-0"	SE Corner																						
S513ss	6	1'-0"	NW Corner																						
S514ss	6	2'-6"	NE Corner																						
S515ss	8	24'-8"																							
S516ss	8	23'-0"																							
S5100ss	2	34'-6"																							
thru	2 Ea.	inc. 6 3/4"																							
S5150ss	2	6'-4 1/2"																							
S5200ss	2	34'-4"																							
thru	2 Ea.	inc. 7 3/4"																							
S5243ss	2	6'-6 3/4"																							
MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION			



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.

Reinforcing Bar: ASTM A 615/A 615M, Grade 60
ASTM A 955/A 955M, Grade 60

GENERAL NOTES

1. The first two digits 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

2. Mark Legend:
"ss" = Stainless Steel

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

021701.00
WIN 021701.00
BRIDGE NO. 3256
BRIDGE PLANS

C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY

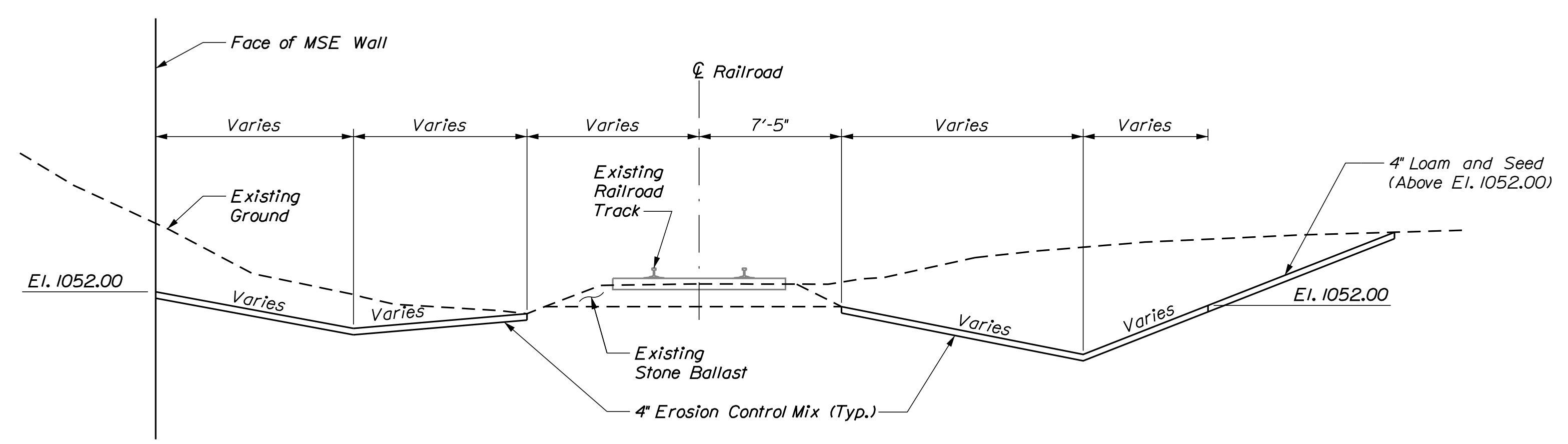
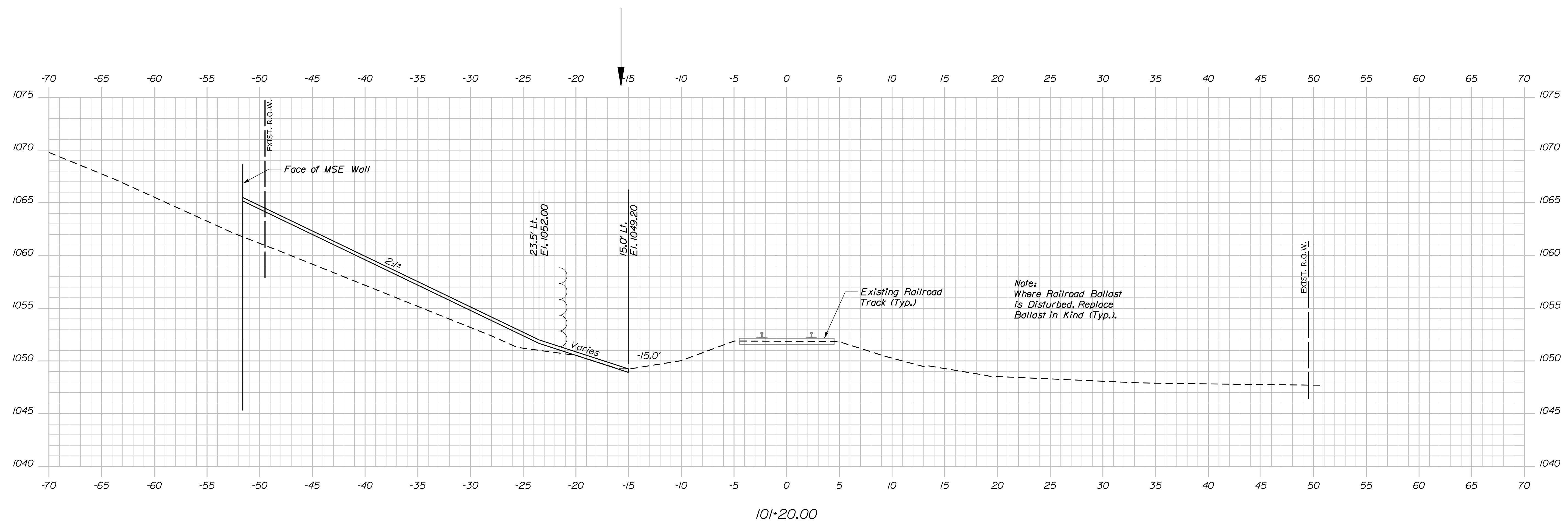
REINFORCING
STEEL SCHEDULE

SHEET NUMBER
54
OF 63

Date: 12/11/2017

Username: common

Filename: ... \00\BRIDGE\MSTA1055_RR\sect.dgn Division: BRIDGE



LEFT SIDE
Sta. 101+20 to Sta. 102+50 Lt.

RIGHT SIDE
Sta. 102+20 to Sta. 103+40 Rt.

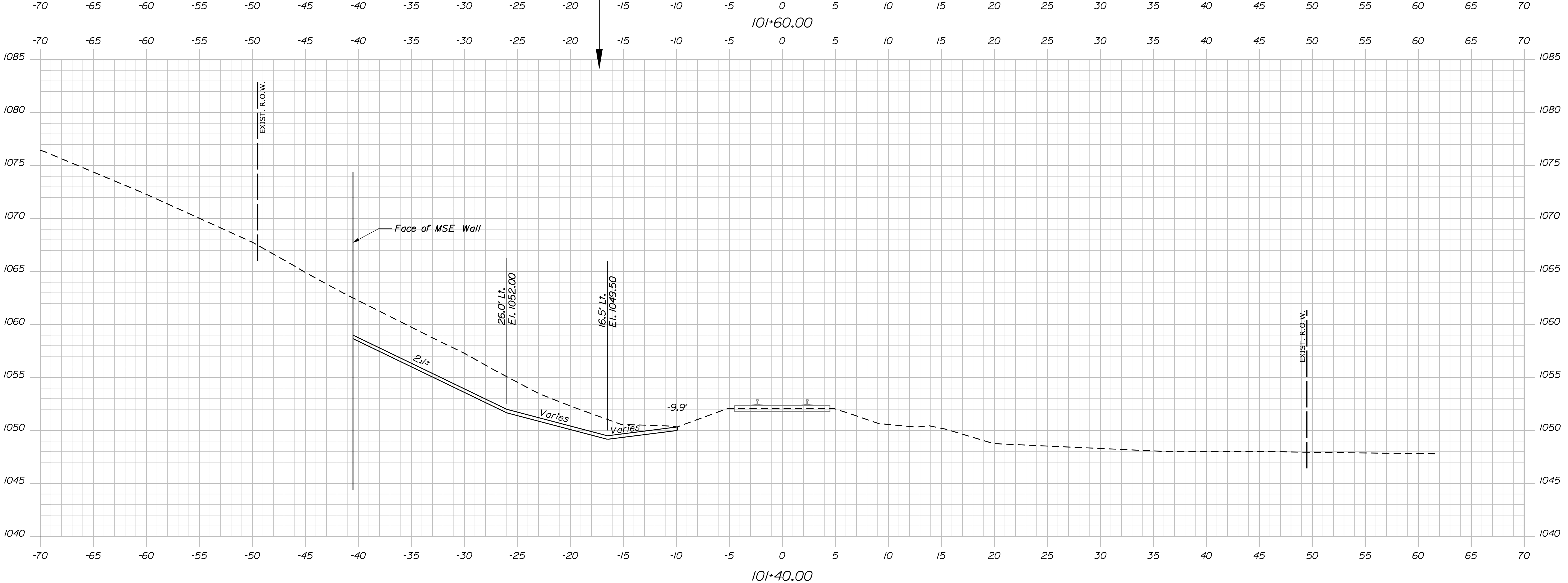
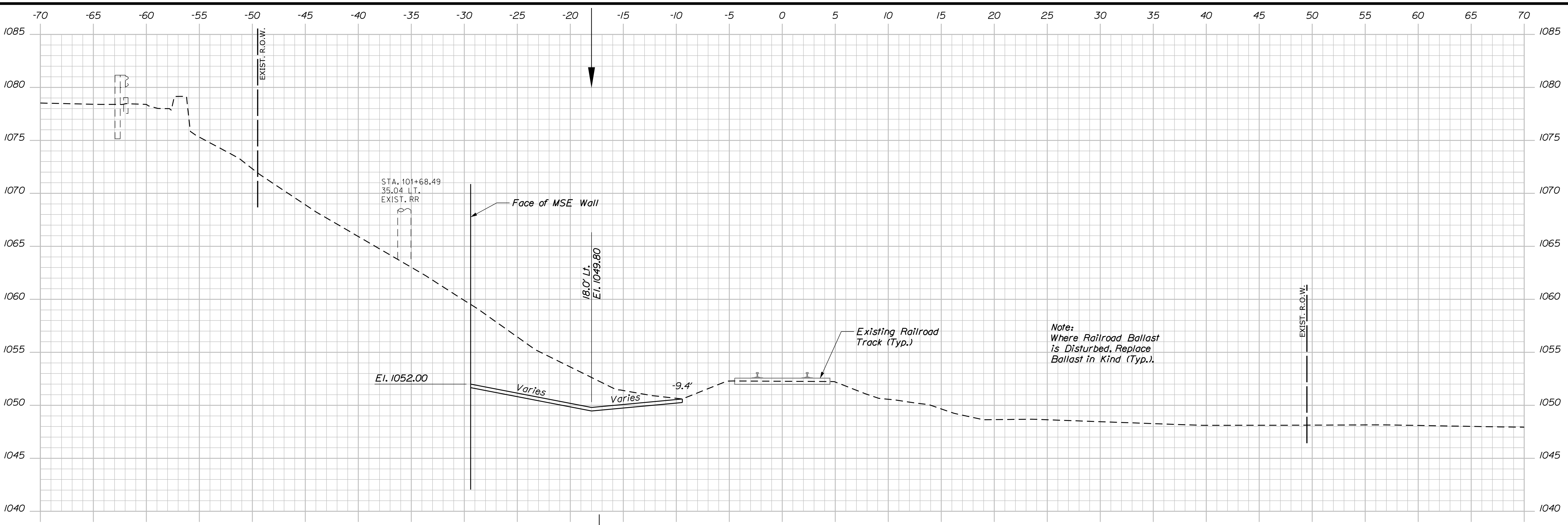
TYPICAL SECTION ALONG RAILROAD

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
021701.00		WIN	
BRIDGE NO. 3256		BRIDGE PLANS	
PROJ. MANAGER	M. PARLIN	DATE	DATE
DESIGN DETAILED	B. WELCH	BY	D. BURGESS
CHECKED/REVIEWED	B. WELCH	DATE	12-06-17
DESIGN DETAILED		BY	J. BURGESS
DESIGN DETAILED		DATE	12-06-17
REVISIONS 1		SIGNATURE	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		DATE	
REVISIONS 4			
FIELD CHANGES			
C.P.R. CROSSING BRIDGE			
CENTRAL MAINE & QUEBEC RAILWAY			
SAPLING TWP SOMERSET COUNTY			
RxR CROSS SECTION AND TYPICAL SECTION			
SHEET NUMBER			
55			
OF 63			

Date: 12/11/2017

Username: common

Filename: ... \00\BRIDGE\MSTA1055_RR\sect.dgn Division: BRIDGE



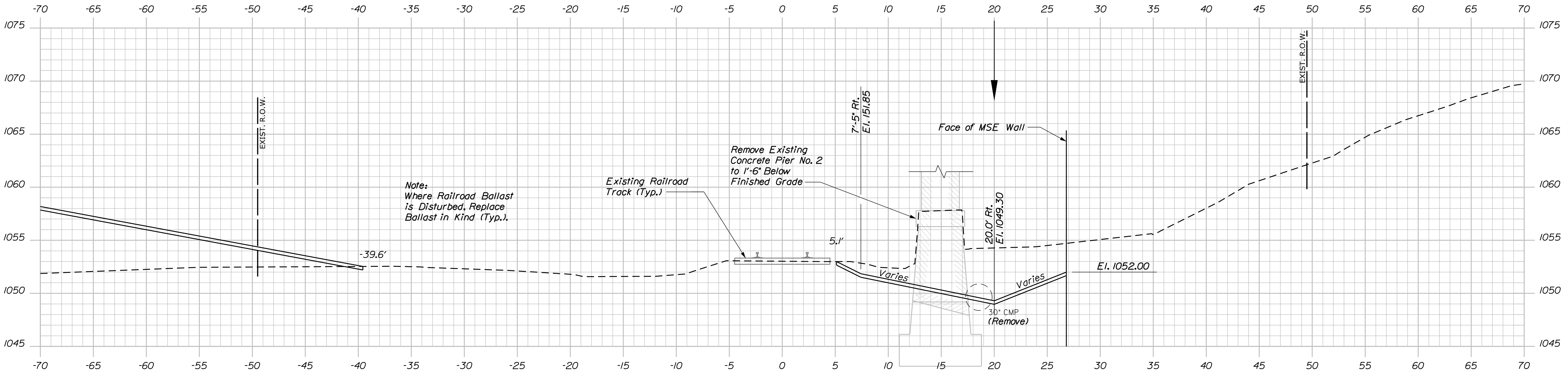
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021701.00	
C.P.R. CROSSING BRIDGE CENTRAL MAINE & QUEBEC RAILWAY SAPLING TWP SOMERSET COUNTY		BRIDGE NO. 3256 WIN 021701.00 BRIDGE PLANS	
R&R CROSS SECTIONS		SHEET NUMBER	
56		OF 63	
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN DETAILED CHECKED-REVIEWED DESIGN DETAILED	M. PARLIN D. BURGESS J. BURGESS	12-06-17 12-06-17	_____ _____ _____
REVISIONS 1			P.E. NUMBER
REVISIONS 2			DATE
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date: 12/11/2017

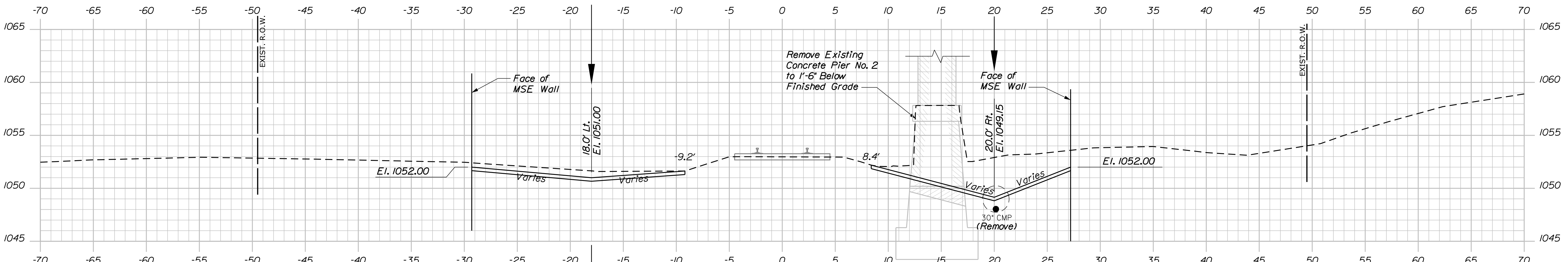
Username: common

Division: BRIDGE

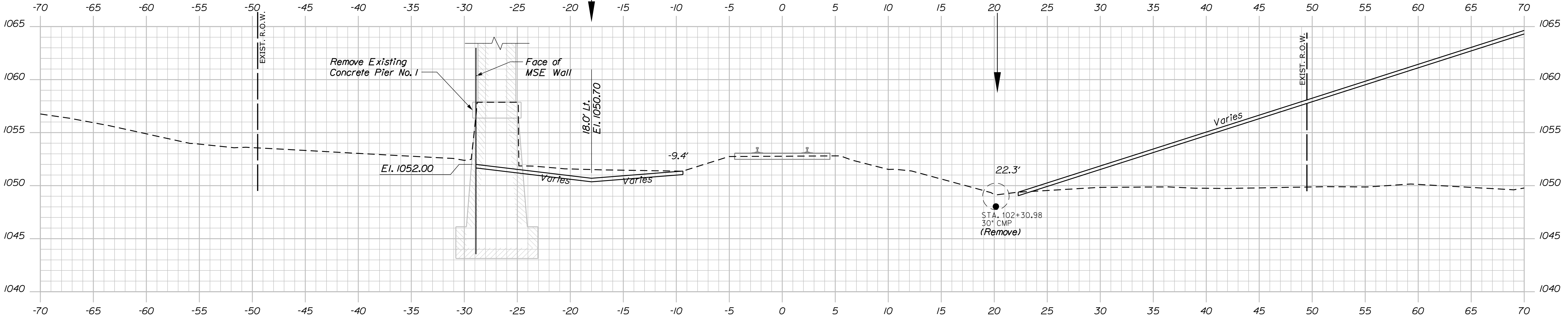
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102+60.00



102+40.00



102+20.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

DESIGN DETAILED	B. WELCH	12-06-17	SIGNATURE
CHECKED/REVIEWED	B. WELCH	12-06-17	P.E. NUMBER
DESIGN DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PROJ. MANAGER	M. PARLIN		
DESIGN DETAILED	B. WELCH	12-06-17	SIGNATURE
CHECKED/REVIEWED	B. WELCH	12-06-17	P.E. NUMBER
DESIGN DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

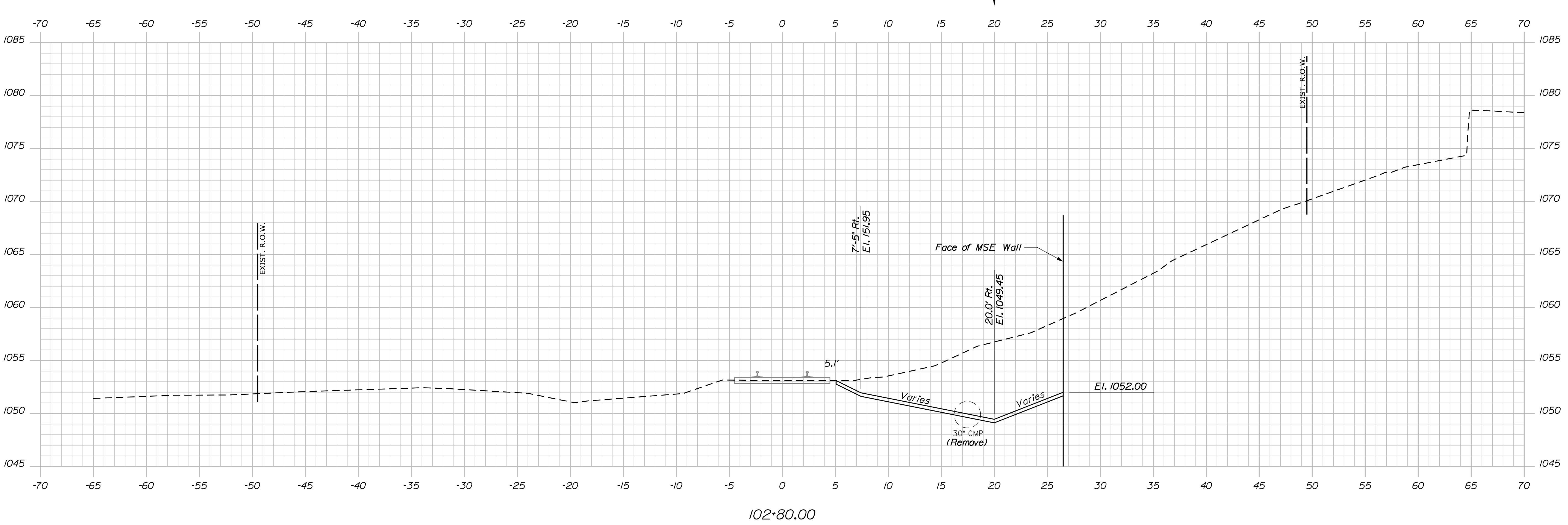
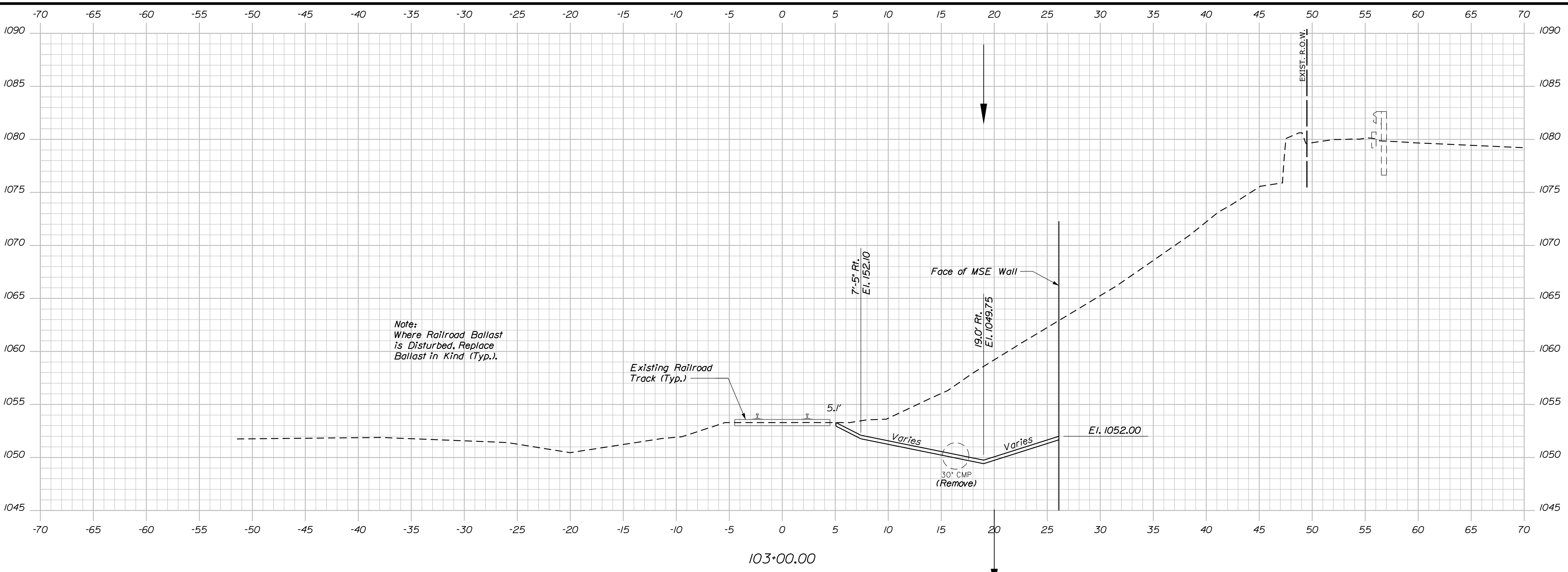
C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
R&R CROSS SECTIONS

SHEET NUMBER
58
OF 63

Date: 12/11/2017

Username: common

Filename: ... \00\BRIDGE\MSTA1055_RR\sect.dgn Division: BRIDGE

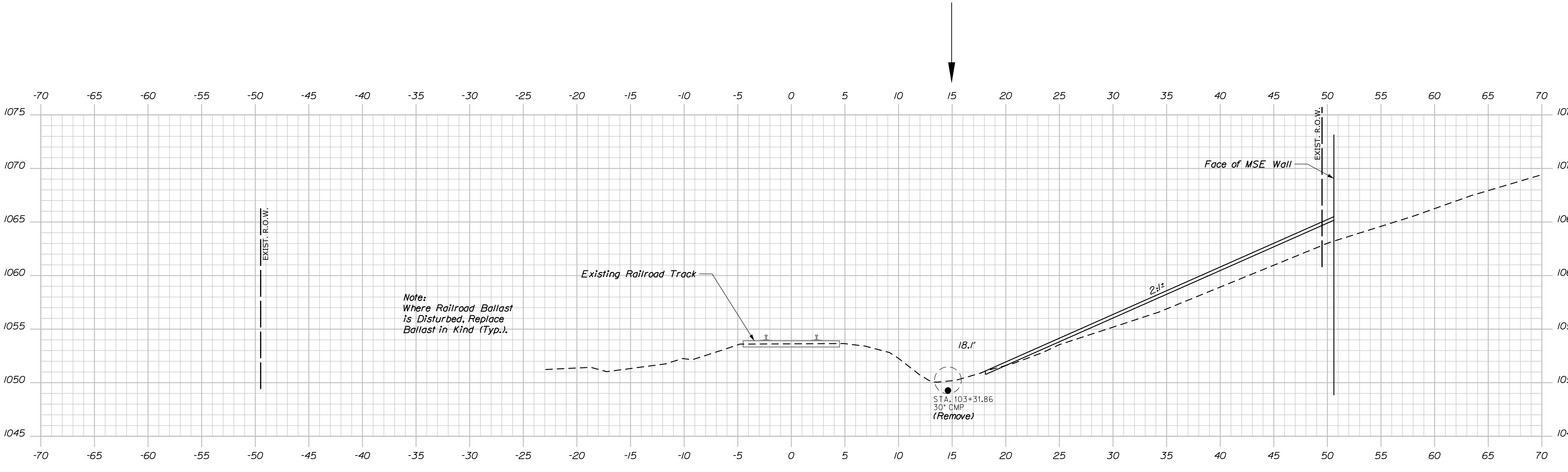


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
021701.00		WIN	
BRIDGE NO. 3256		021701.00	
BRIDGE PLANS			
PROJ. MANAGER	M. PARIN	BY	D. BURGESS
DESIGN DETAILED	B. WELCH	DATE	12-06-17
CHECKED-REVIEWED	B. WELCH		J. BURGESS
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
C.P.R. CROSSING BRIDGE			
CENTRAL MAINE & QUEBEC RAILWAY			
SAPLING TWP SOMERSET COUNTY			
R x R CROSS SECTIONS			
SHEET NUMBER			
59			
OF 63			

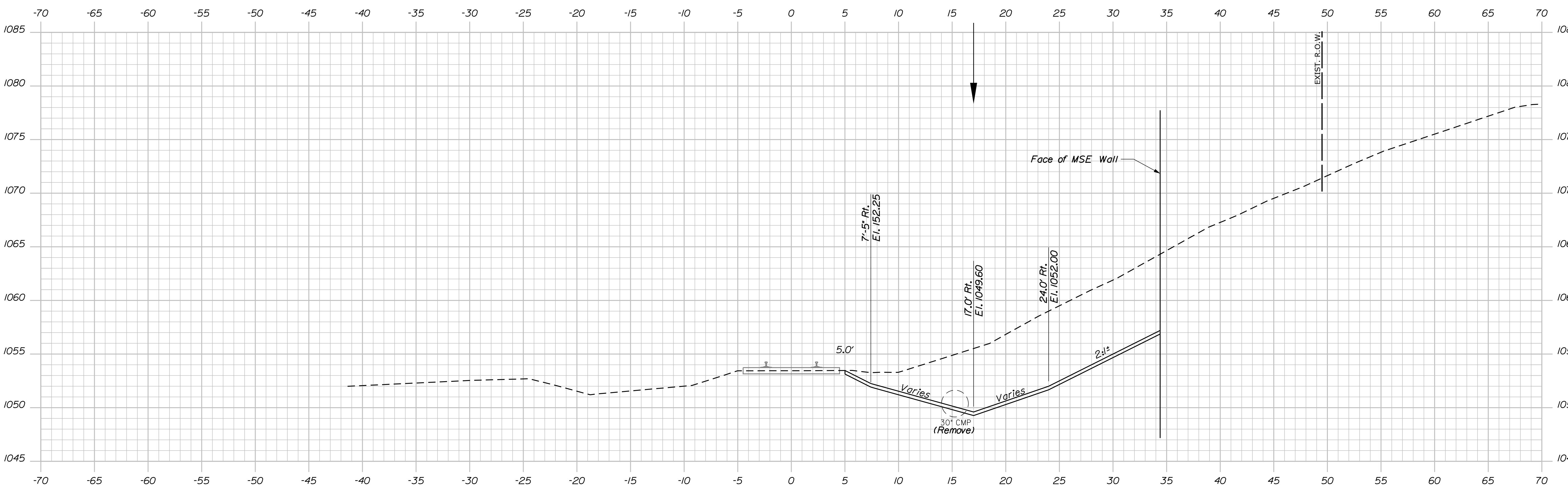
Date: 12/11/2017

Username: common

Filename: ...100\BRIDGE\MSTA1055_RRXCrosssect.dgn Division: BRIDGE



103+40.00



103+20.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
021701.00
WIN
021701.00
BRIDGE NO. 3256
BRIDGE PLANS

DATE	12-06-17
BY	D.BURGESS
PROJ. MANAGER	M. PARLIN
DESIGN-DETAILED	B. WELCH
CHECKED-REVIEWED	B. WELCH
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE	P.E. NUMBER	DATE

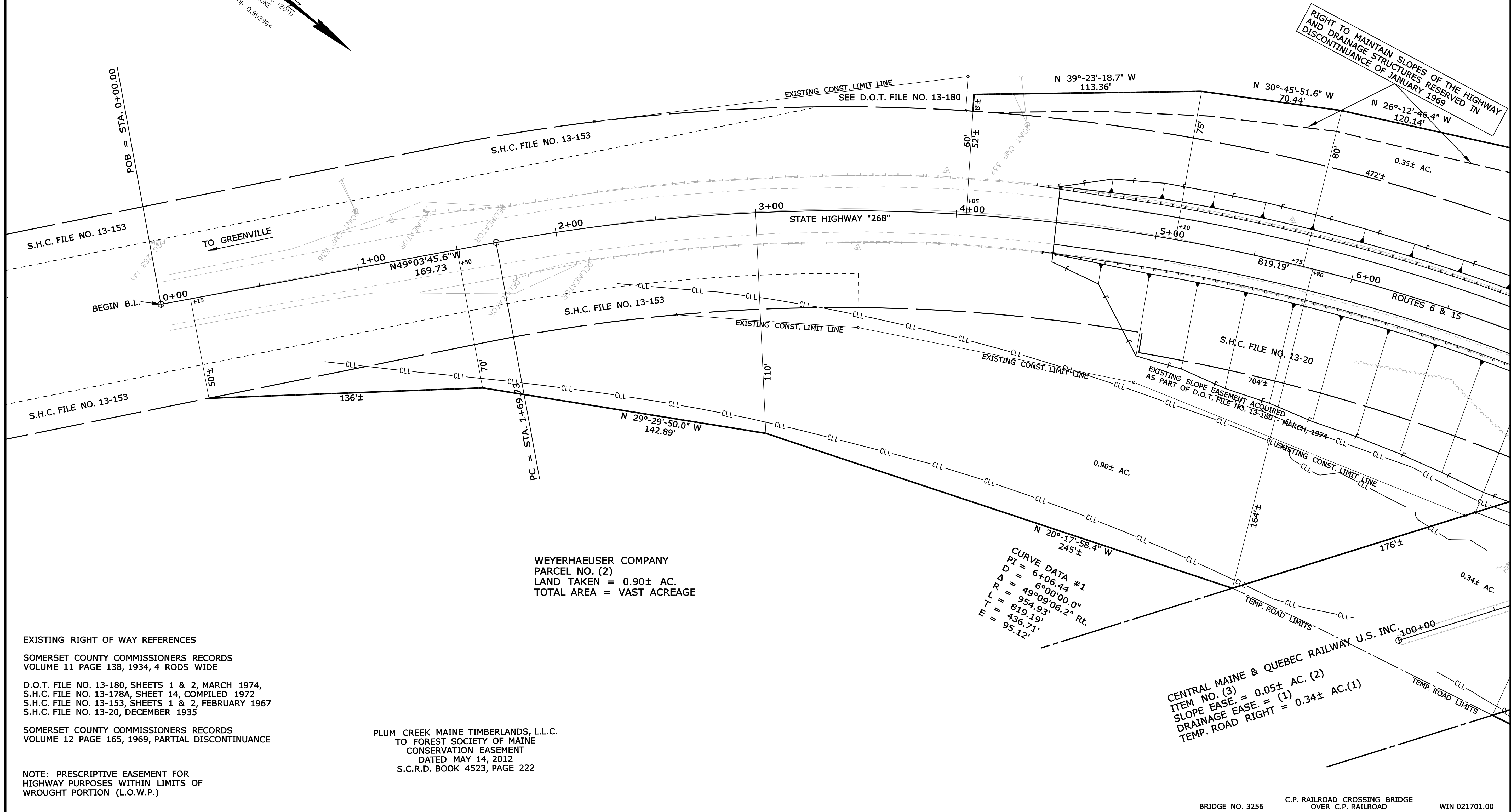
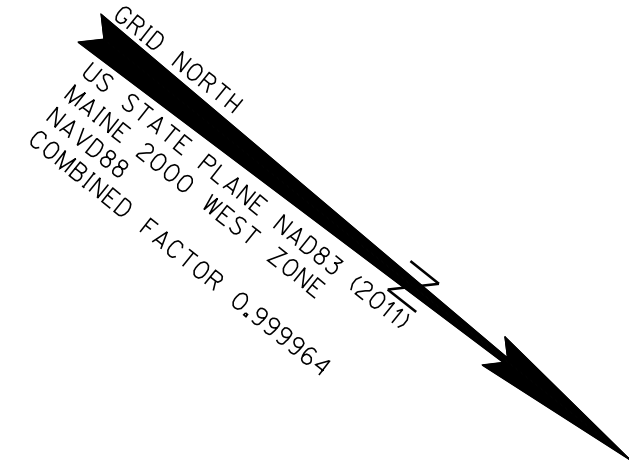
C.P.R. CROSSING BRIDGE
CENTRAL MAINE & QUEBEC RAILWAY
SAPLING TWP SOMERSET COUNTY
RxR CROSS SECTIONS

SHEET NUMBER
60
OF 63

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
 TO FOREST SOCIETY OF MAINE
 CONSERVATION EASEMENT
 DATED MAY 14, 2012
 S.C.R.D. BOOK 4523, PAGE 222

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION
 OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO
 ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

WEYERHAEUSER COMPANY
 PARCEL NO. (1)
 LAND TAKEN = 0.35± AC.
 TOTAL AREA = VAST ACREAGE



WEYERHAEUSER COMPANY
 PARCEL NO. (2)
 LAND TAKEN = 0.90± AC.
 TOTAL AREA = VAST ACREAGE

EXISTING RIGHT OF WAY REFERENCES

SOMERSET COUNTY COMMISSIONERS RECORDS
 VOLUME 11 PAGE 138, 1934, 4 RODS WIDE

 D.O.T. FILE NO. 13-180, SHEETS 1 & 2, MARCH 1974,
 S.H.C. FILE NO. 13-178A, SHEET 14, COMPILED 1972
 S.H.C. FILE NO. 13-153, SHEETS 1 & 2, FEBRUARY 1967
 S.H.C. FILE NO. 13-20, DECEMBER 1935

SOMERSET COUNTY COMMISSIONERS RECORDS
 VOLUME 12 PAGE 165, 1969, PARTIAL DISCONTINUANCE

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
 TO FOREST SOCIETY OF MAINE
 CONSERVATION EASEMENT
 DATED MAY 14, 2012
 S.C.R.D. BOOK 4523, PAGE 222

NOTE: PRESCRIPTIVE EASEMENT FOR
 HIGHWAY PURPOSES WITHIN LIMITS OF
 WROUGHT PORTION (L.O.W.P.)

BRIDGE NO. 3256 C.P. RAILROAD CROSSING BRIDGE OVER C.P. RAILROAD WIN 021701.00

SYMBOLS

IP or PIP (IRON PIPE or PIN FOUND)	(WELL)
ST (SEPTIC TANK)	CONSTRUCTION LIMIT LINE
ABM (TRAVERSE POINT)	PROPERTY LINE
W (WATER LINE)	LIMITS OF WROUGHT PORTION (L.O.W.P.)
G (GAS LINE)	EXISTING RIGHT OF WAY
E (ELECTRIC LINE)	NEW RIGHT OF WAY
T (TELEPHONE LINE)	NEW ROW WITHIN EXIST. ROW
S (SEWER LINE)	CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS		

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
 SAPLING TOWNSHIP
 RIGHT OF WAY MAP

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK		COUNTY RECORD			DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER DATE
				NO.	GRANTOR	PAGE	INSTRUMENT	DATE	

STATE HIGHWAY "268"
 ROUTES 6 & 15 ROCKWOOD ROAD
 SAPLING TOWNSHIP SOMERSET COUNTY
 (T1 R7 BKP WKR)
 STATE PROJECT NO. 21701.00

SEPTEMBER 2017 RIGHT-OF-WAY MAP
 SCALE 1" = 25' SHEET 1 OF 3
 D.O.T. FILE NO. 13-391

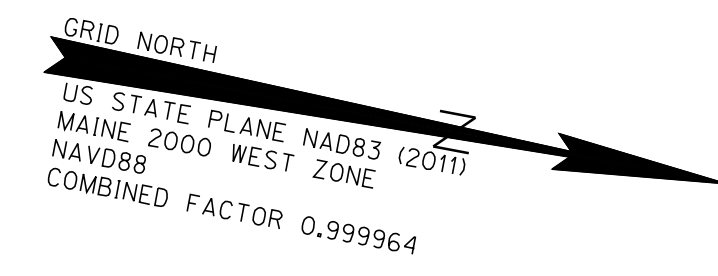
SHEET NUMBER
61
 OF 63

Username: Perry, Silverman Date: 1/31/2018
 Division: ROW
 Filename: ... \000\row\msta\001_RWPLAN1.dgn

Filename: ...\\001\row\msto\002_RWPLAN2.dgn
 Division: ROW
 Username: Perry, Silverman
 Date: 1/31/2018

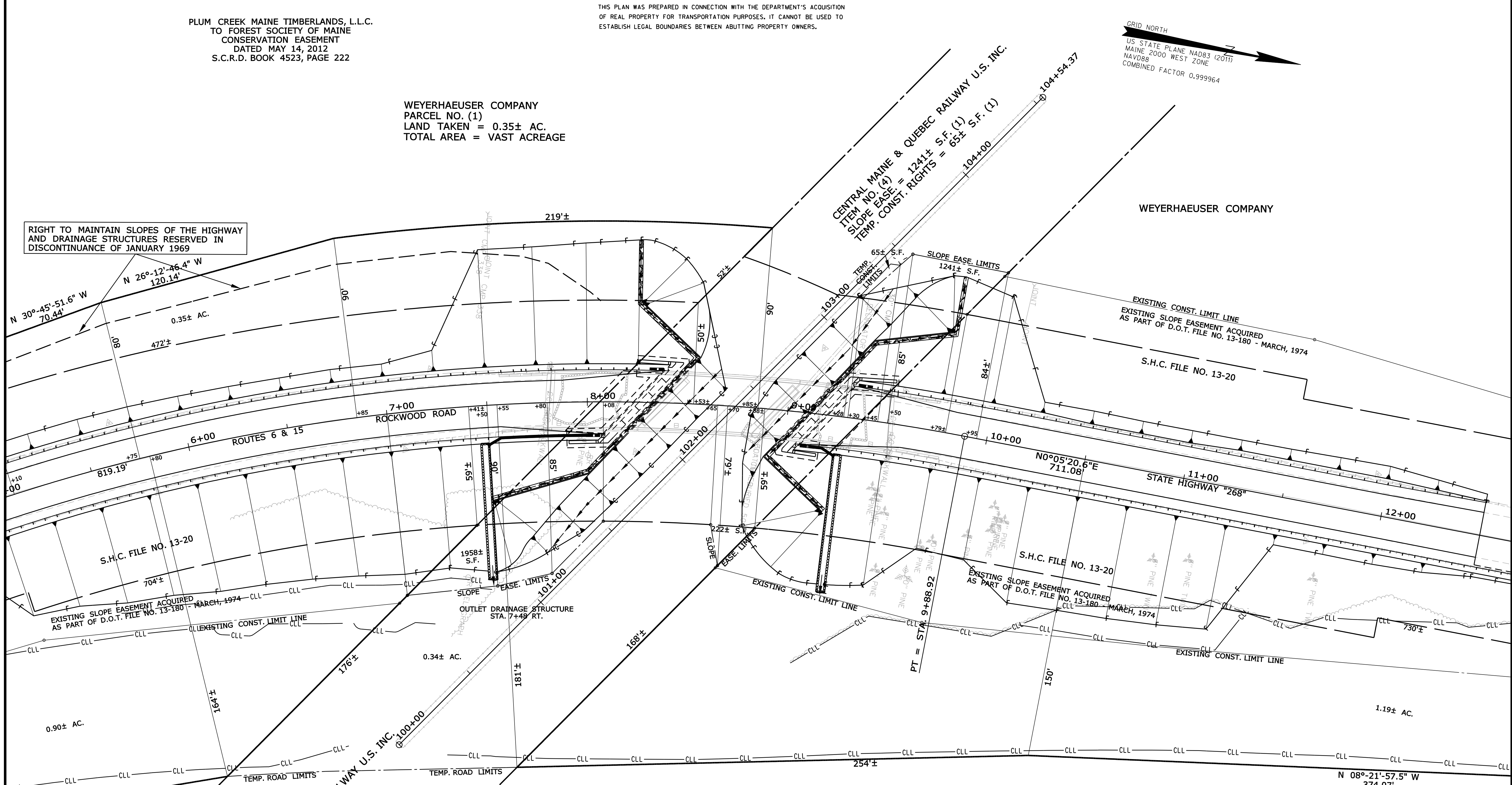
PLUM CREEK MAINE TIMBERLANDS, L.L.C.
 TO FOREST SOCIETY OF MAINE
 CONSERVATION EASEMENT
 DATED MAY 14, 2012
 S.C.R.D. BOOK 4523, PAGE 222

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION
 OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO
 ESTABLISH LEGAL BOUNDARIES BETWEEN ADJUTING PROPERTY OWNERS.



WEYERHAEUSER COMPANY
 PARCEL NO. (1)
 LAND TAKEN = 0.35± AC.
 TOTAL AREA = VAST ACREAGE

RIGHT TO MAINTAIN SLOPES OF THE HIGHWAY
 AND DRAINAGE STRUCTURES RESERVED IN
 DISCONTINUANCE OF JANUARY 1969



CURVE DATA #1
 PI = 6+06.44
 D = 6°00'00.0"
 Δ = 49°09'06.2" Rt.
 R = 954.93'
 L = 819.19'
 T = 436.71'
 E = 95.12'

CENTRAL MAINE & QUEBEC RAILWAY U.S. INC.
 ITEM NO. (3)
 SLOPE EASE = 0.05± AC. (1)
 DRAINAGE EASE = (1)
 TEMP. ROAD RIGHT = 0.34± AC. (1)

EXISTING RIGHT OF WAY REFERENCES
 SOMERSET COUNTY COMMISSIONERS RECORDS
 VOLUME 11 PAGE 138, 1934, 4 RODS WIDE
 D.O.T. FILE NO. 13-180, SHEETS 1 & 2, MARCH 1974,
 S.H.C. FILE NO. 13-178A, SHEET 14, COMPILED 1972
 S.H.C. FILE NO. 13-153, SHEETS 1 & 2, FEBRUARY 1967
 S.H.C. FILE NO. 13-20, DECEMBER 1935

SOMERSET COUNTY COMMISSIONERS RECORDS
 VOLUME 12 PAGE 165, 1969, PARTIAL DISCONTINUANCE

NOTE: PRESCRIPTIVE EASEMENT FOR
 HIGHWAY PURPOSES WITHIN LIMITS OF
 WROUGHT PORTION (L.O.W.P.)

WEYERHAEUSER COMPANY
 PARCEL NO. (5)
 LAND TAKEN = 1.19± AC.
 TOTAL AREA = VAST ACREAGE

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
 TO FOREST SOCIETY OF MAINE
 CONSERVATION EASEMENT
 DATED MAY 14, 2012
 S.C.R.D. BOOK 4523, PAGE 222

BRIDGE NO. 3256 C.P. RAILROAD CROSSING BRIDGE OVER C.P. RAILROAD WIN 021701.00

SYMBOLS

●	IP or 6" PIP (IRON PIPE OR PIN FOUND)
□	S.T. (SEPTIC TANK)
▲	AWM (TRAVERSE POINT)
—	WATER LINE
—	GAS LINE
—	ELECTRIC LINE
—	TELEPHONE LINE
—	SEWER LINE
○	(WELL)
---	GRADING LIMIT LINE
---	CONSTRUCTION LIMIT LINE
---	PROPERTY LINE
---	LIMITS OF WROUGHT PORTION (L.O.W.P.)
---	EXISTING RIGHT OF WAY
---	NEW RIGHT OF WAY
---	NEW ROW WITHIN EXIST. ROW
---	CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W		PNS
PROP. LINES		PNS
AREAS		

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
 SAPPING TOWNSHIP
 RIGHT OF WAY MAP

REVISIONS			PLAN FILED IN PLAN BOOK		PAGE		COUNTY RECORD		
NO.	DATE	DESCRIPTION	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE

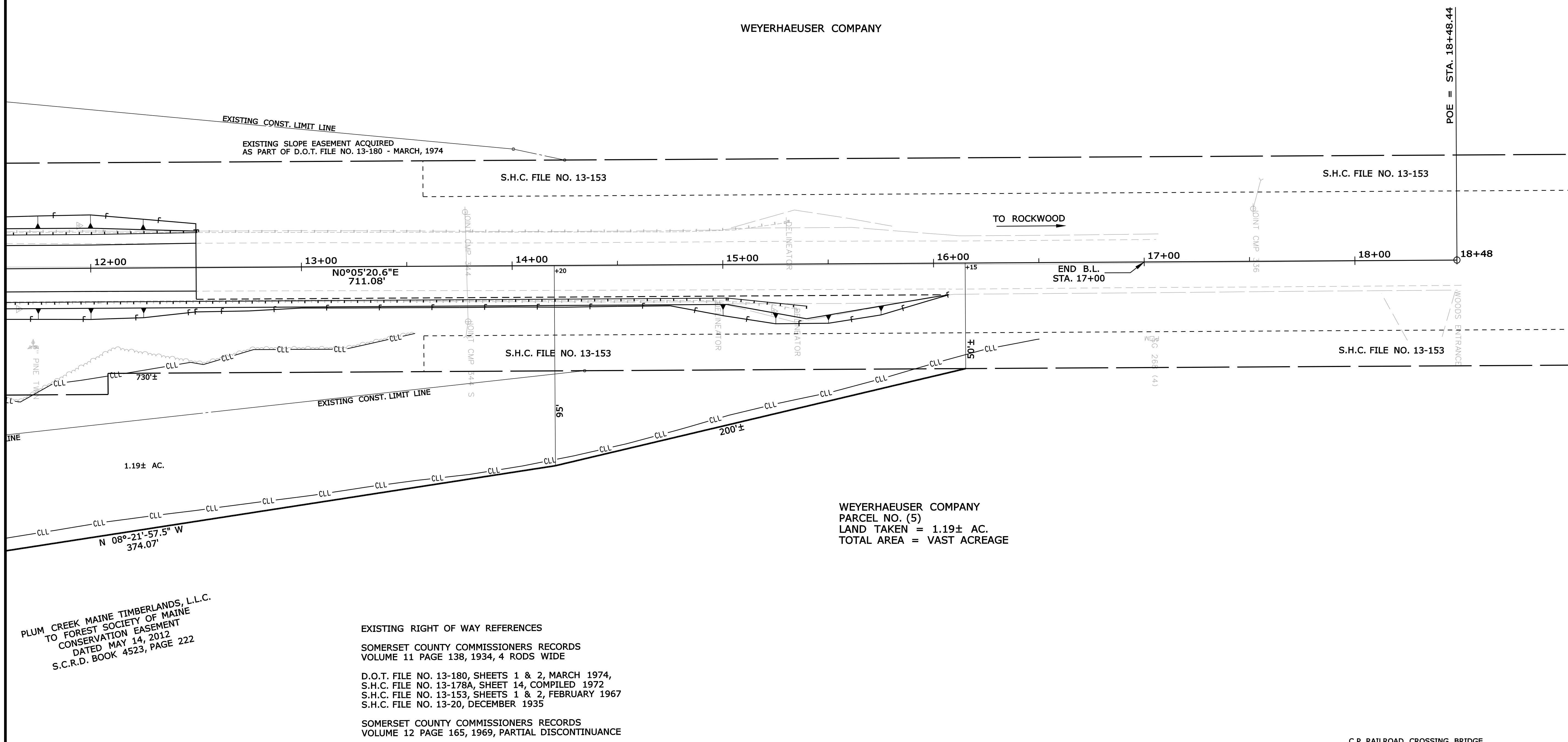
STATE HIGHWAY "268"
 ROUTES 6 & 15 ROCKWOOD ROAD
 SAPPING TOWNSHIP SOMERSET COUNTY
 (T1 R7 BKP WKR)
 STATE PROJECT NO. 21701.00
 SEPTEMBER 2017 RIGHT-OF-WAY MAP
 SCALE 1" = 25' SHEET 2 OF 3
 D.O.T. FILE NO. 13-391

SHEET NUMBER
62
 OF 63

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

GRID NORTH
 US STATE PLANE NAD83 (2011)
 MAINE 2000 WEST ZONE
 NAVD88
 COMBINED FACTOR 0.999964

WEYERHAEUSER COMPANY



WEYERHAEUSER COMPANY
 PARCEL NO. (5)
 LAND TAKEN = 1.19± AC.
 TOTAL AREA = VAST ACREAGE

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
 TO FOREST SOCIETY OF MAINE
 CONSERVATION EASEMENT
 DATED MAY 14, 2012
 S.C.R.D. BOOK 4523, PAGE 222

EXISTING RIGHT OF WAY REFERENCES
 SOMERSET COUNTY COMMISSIONERS RECORDS
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 D.O.T. FILE NO. 13-180, SHEETS 1 & 2, MARCH 1974,
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 SOMERSET COUNTY COMMISSIONERS RECORDS
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SYMBOLS

●	IP or PIP (IRON PIPE or PIN FOUND)
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—	WATER LINE
—	GAS LINE
—	ELECTRIC LINE
—	TELEPHONE LINE
—	SEWER LINE
○	WELL
---	GRADING LIMIT LINE
---	CONSTRUCTION LIMIT LINE
---	PROPERTY LINE
---	LIMITS OF WROUGHT PORTION (L.O.W.P.)
---	EXISTING RIGHT OF WAY
---	NEW RIGHT OF WAY
---	NEW ROW WITHIN EXIST. ROW
---	CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS		

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
 SApLING TOWNSHIP
 RIGHT OF WAY MAP

BRIDGE NO. 3256 C.P. RAILROAD CROSSING BRIDGE OVER C.P. RAILROAD WIN 021701.00

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK		COUNTY RECORD				
				NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE

STATE HIGHWAY "268"
 ROUTES 6 & 15 ROCKWOOD ROAD
 SApLING TOWNSHIP SOMERSET COUNTY
 (T1 R7 BKP WKR)
 STATE PROJECT NO. 21701.00
 SEPTEMBER 2017 RIGHT-OF-WAY MAP
 SCALE 1" = 25' SHEET 3 OF 3
 D.O.T. FILE NO. 13-391

SHEET NUMBER
63
 OF 63

Date: 1/31/2018

Username: Perry Silverman

Division: ROW

Filename: ... \00\row\msto\003_RWPLAN3.dgn