

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

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

LIST OF DRAWINGS

Title Sheet .....	1
Estimated Quantities & General Constroction Notes .....	2
General Plan .....	3
Profile .....	4
Cross Sections .....	5-6

CAMDEN  
KNOX COUNTY  
RAWSON AVENUE BRIDGE  
OVER  
MEGUNTICOOK RIVER  
RAWSON AVENUE  
FEDERAL PROJECT NUMBER 2509500  
PROJECT LENGTH 0.014 mi.  
BRIDGE NO. 3173

UTILITIES

Central Maine Power  
Consolidated Communications  
Charter Communications

Town of Camden (Wastewater)  
Maine Water Company

MAINTENANCE OF TRAFFIC

Bridge is presently closed to all traffic.

PROJECT LOCATION	250 FT SW of Junction to Rte 105 Lat./Long. 44°12'52" N 69°04'35" W
PROGRAM AREA	Bridge
OUTLINE OF WORK	Removal of Rawson Avenue Bridge. Excavate and regrade approaches behind abutments.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

APPROVED

DATE

COMMISSIONER: [Signature]

CHIEF ENGINEER: [Signature]

STATE OF MAINE  
KNOX COUNTY  
Professional Engineer

SIGNATURE: [Signature]

P.E. NUMBER: 13553

DATE: 10-16-23

PROJECT INFORMATION	
PROGRAM	BRIDGE
PROJECT MANAGER	DEVAN EATON
DESIGNER	CARRETT GUSTAFSON
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

CAMDEN  
RAWSON AVENUE BRIDGE

TITLE SHEET

SHEET NUMBER

1

OF 6

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.19	REMOVING EXISTING BRIDGE (225 CY)	1	LS
203.20	COMMON EXCAVATION	280	CY
203.24	COMMON BORROW	10	CY
511.07	COFFERDAM: ABUTMENT 1	1	LS
511.07	COFFERDAM: PIER	1	LS
511.07	COFFERDAM: ABUTMENT 2	1	LS
526.301	PORTABLE CONCRETE BARRIER TYPE 1 (40 LF)	1	LS
610.16	HEAVY RIPRAP	197	CY
613.319	EROSION CONTROL BLANKET	18	SY
615.07	LOAM	2	CY
618.14	SEEDING METHOD NUMBER 2	1	UN
619.12	MULCH	1	UN
619.14	EROSION CONTROL MIX	4	CY
620.58	EROSION CONTROL GEOTEXTILE	268	SY
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	80	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	80	HR
652.35	CONSTRUCTION SIGNS	150	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits, and right of way lines, refer to the Right of Way lines on sheet 3.
2. The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract Items.
3. Existing signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.
4. Place riprap on sideslopes up to EL. 77.50.
5. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
6. Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Pay Item 619.14, Erosion Control Mix.
7. Place a 24 inch wide strip of Erosion Control Blanket on the sideslopes along the top of the riprap.
8. Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>
9. 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.
10. 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 and Time.
11. The existing bridge shall be removed by and become the property of the Contractor. The steel portions of the existing bridge may be 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.
12. Removal of existing bituminous pavement at both ends of the bridge, including all saw cutting, shall be incidental to related contract items.
13. Portable concrete barrier shall be left in place as shown on sheet 3.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

02509500

WIN  
25095.00

BRIDGE NO. 3173  
BRIDGE PLANS

RAWSON AVENUE BRIDGE  
MEGUNTICOOK RIVER  
CAMDEN KNOX COUNTY

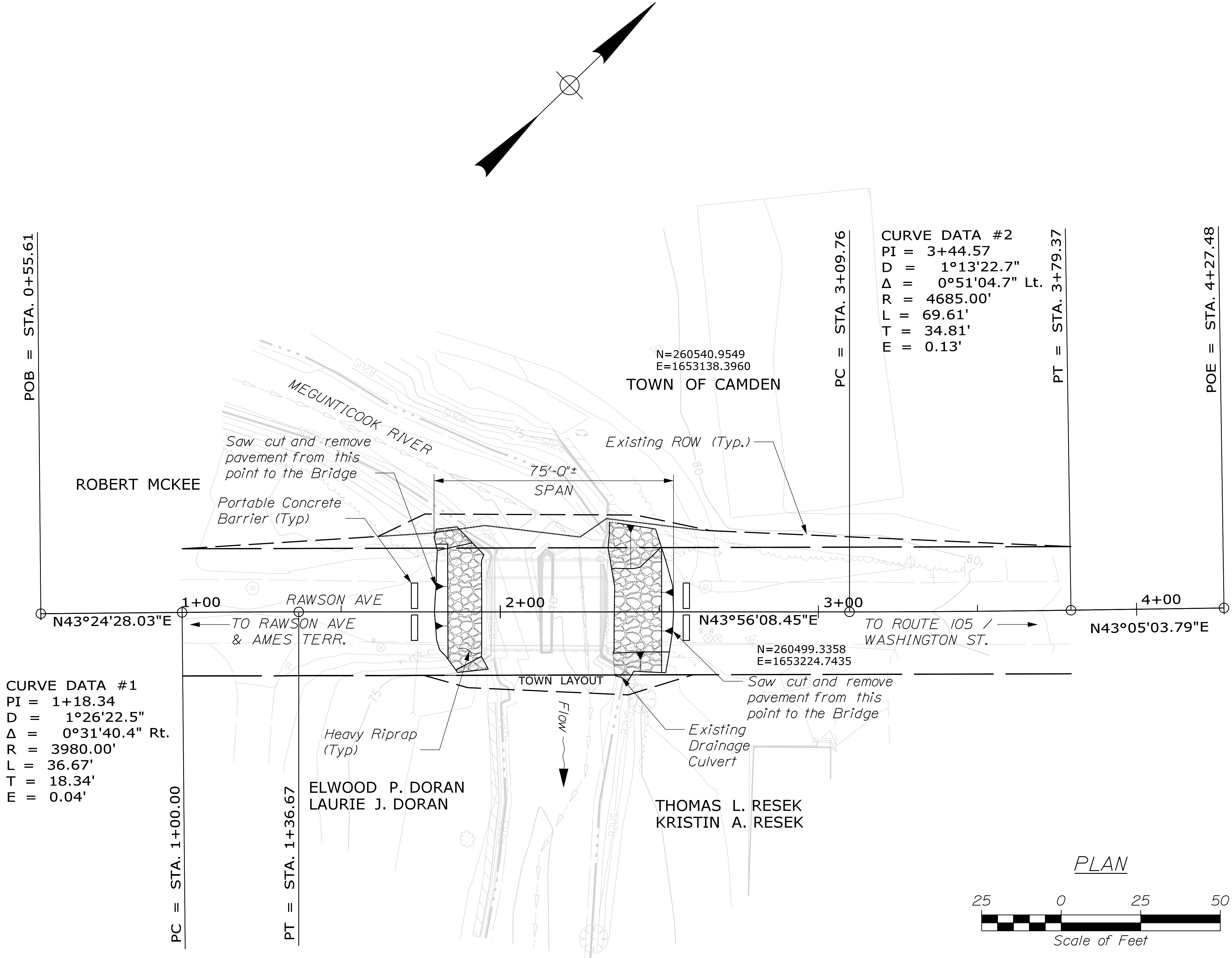
ESTIMATED QUANTITIES &  
GENERAL CONSTRUCTION NOTES

SHEET NUMBER

2

OF 6

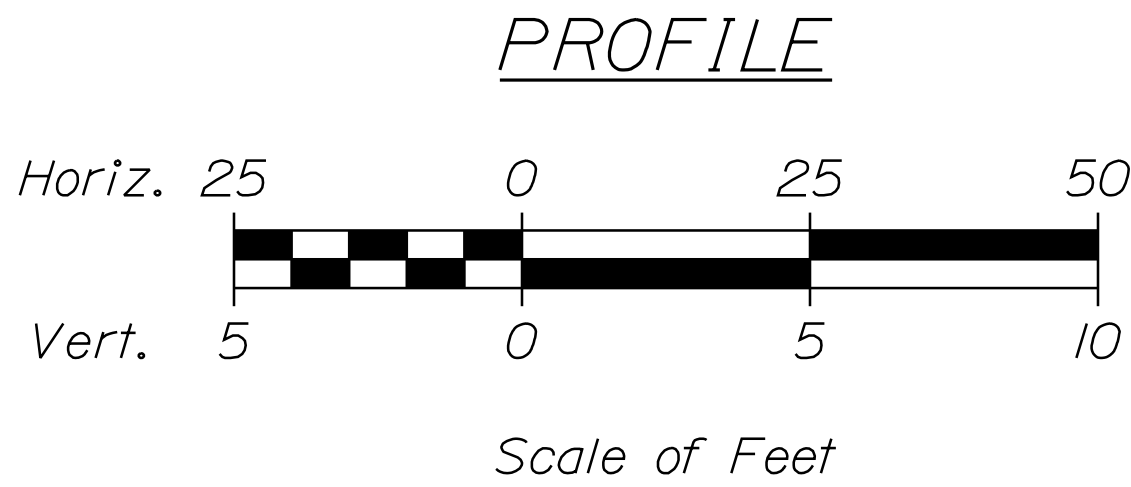
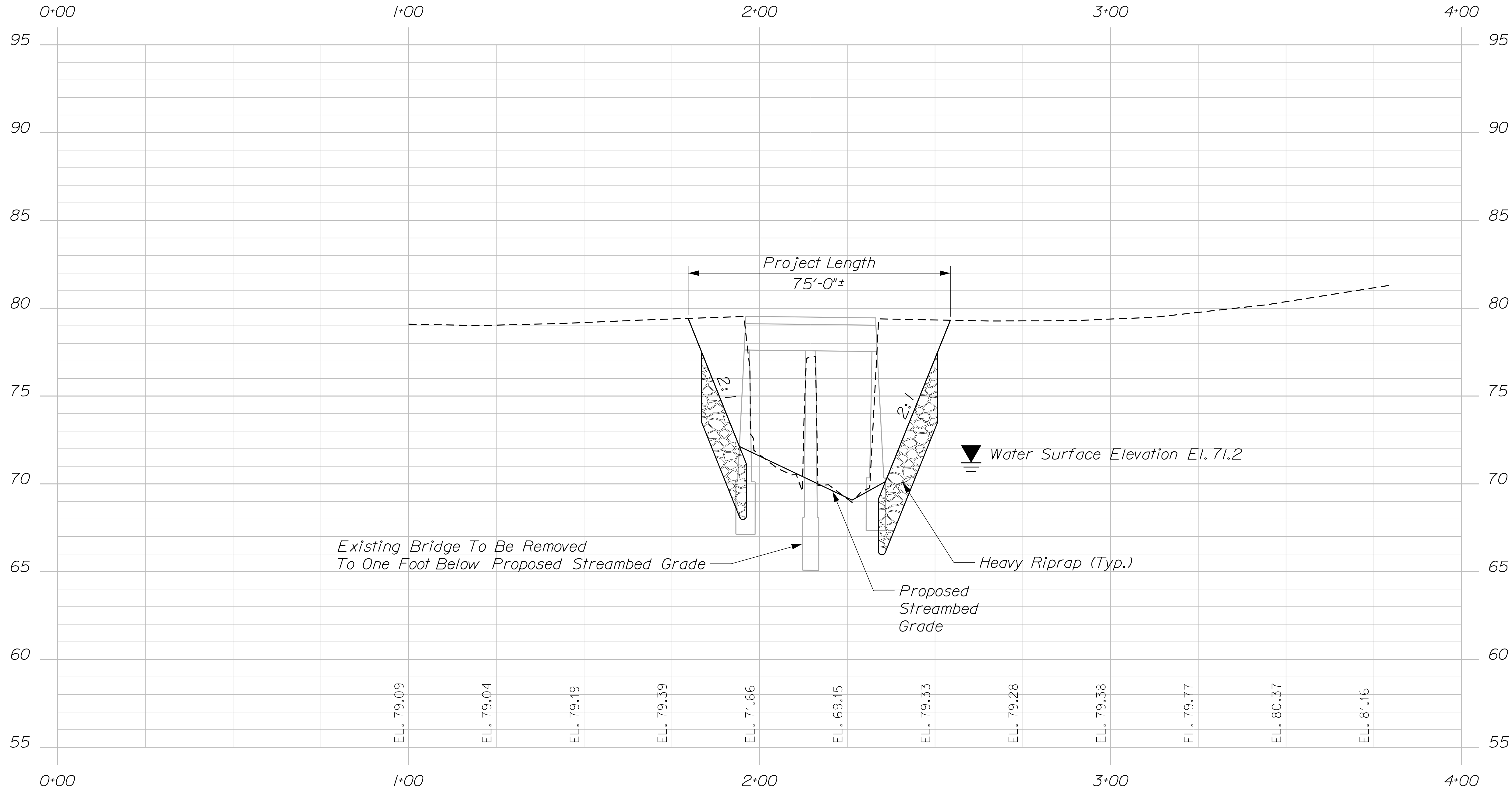
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DESIGN-DETAILED	J. PRAILL	J. CRITCHLOW	FEB 2023
CHECKED-REVIEWED	S. GUSTAFSON	ZIMMERMAN	SEP 2023
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE	
	P.E. NUMBER	
	DATE	
02509500		
WIN		
25095.00		
BRIDGE NO. 3173		
BRIDGE PLANS		

RAWSON AVENUE BRIDGE		KNOX COUNTY	
MEGUNTICOOK RIVER		GENERAL PLAN	
CAMDEN			

SHEET NUMBER	
3	
OF 6	



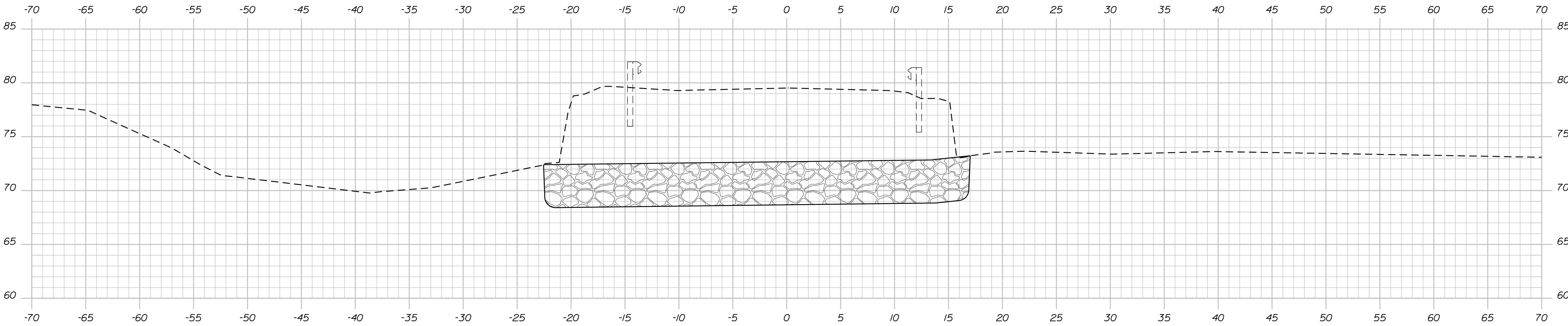
RAWSON AVENUE BRIDGE MEGUNTICOOK RIVER CAMDEN KNOX COUNTY			PROJ. MANAGER	DEVYAN LATON	BY	DATE
PROFILE			DESIGN-DETAILED	J. PRAUL	M. CRITCHLOW	FEB. 2023
			CHECKED-REVIEWED	C. GUSTAFSON	ZIMMERMAN	SEP. 2023
			DESIGN2-DETAILED2			
			DESIGN3-DETAILED3			
			REVISIONS 1			
SHEET NUMBER  4  OF 6			REVISIONS 2			
			REVISIONS 3			
			REVISIONS 4			
			FIELD CHANGES			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION						
02509500						
WIN 25095.00						
BRIDGE NO. 3173						
BRIDGE PLANS						

Username: Matthew Critchlow

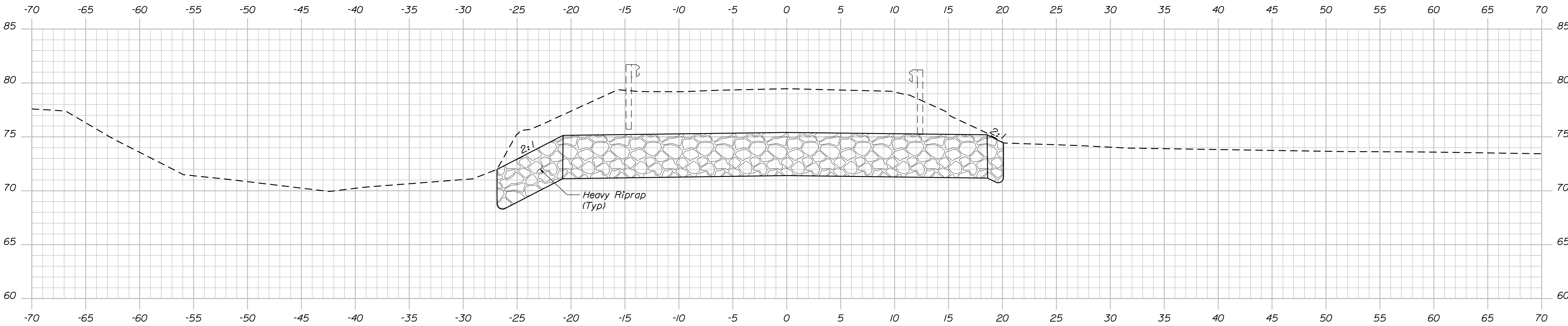
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Division: BRIDGE

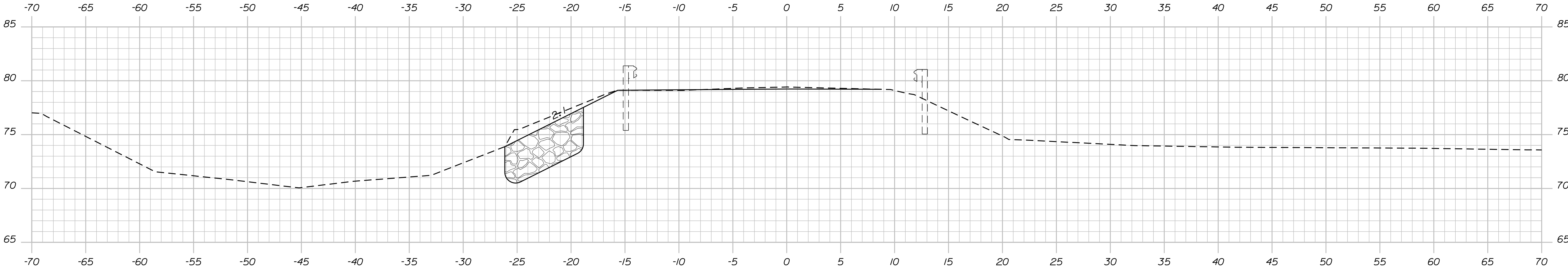
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I+86.00



I+80.00

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
02509500		BRIDGE NO. 3173	
WIN		25095.00	
BRIDGE PLANS			
RAWSON AVENUE BRIDGE		KNOX COUNTY	
MEGUNTICOOK RIVER		CROSS SECTIONS	
CAMDEN		SHEET NUMBER	
5		OF 6	

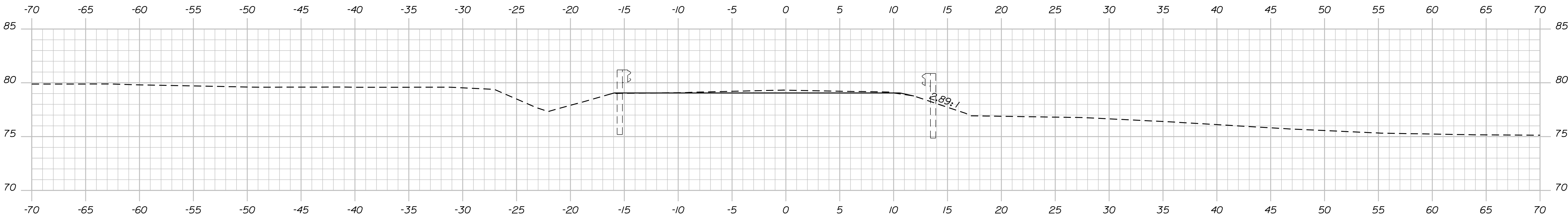


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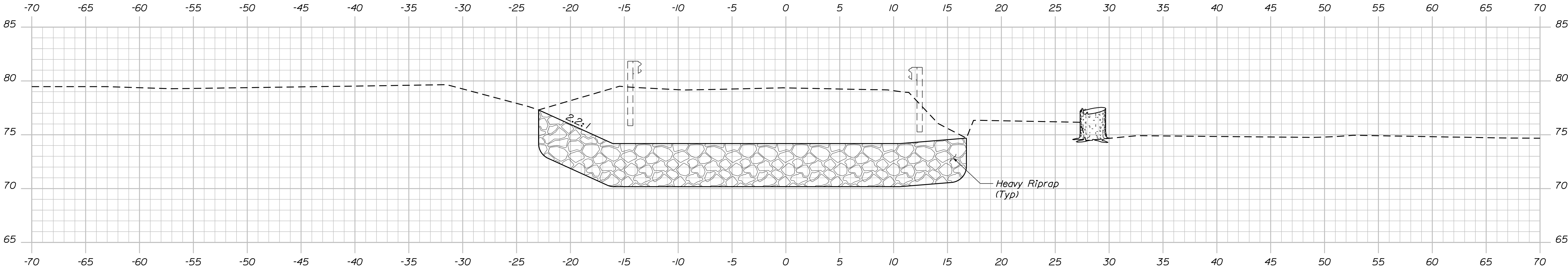
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Division: BRIDGE

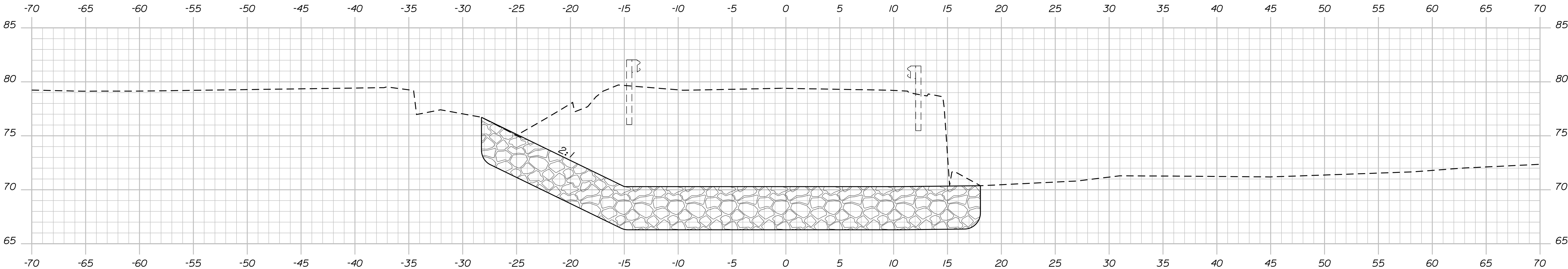
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2+44.00



2+34.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
02509500	
WIN	25095.00
BRIDGE NO. 3173	BRIDGE PLANS

PROJ. MANAGER	DEVAN EATON	BY	DATE
DESIGN-DETAILED	LIBRAIL	C. CRITCHLOW	FEB 2023
CHECKED-REVIEWED	GUSTAFSON	ZIMMERMAN	SEP 2023
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

RAWSON AVENUE BRIDGE	
MEGUNTICOOK RIVER	
KNOX COUNTY	
CAMDEN	

SHEET NUMBER
6
OF 6