

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017.

DESIGN LOADING

Live Load HL - 93 Modified for Strength I

TRAFFIC DATA

Current (2020) AADT 7760
Future (2040) AADT 8540
DHV - % of AADT 10
Design Hour Volume 854
Heavy Trucks (% of AADT) 8
Heavy Trucks (% of DHV) 5
Directional Distribution (% of DHV) 54
18 kip Equivalent P 2.0 571
18 kip Equivalent P 2.5 544
Design Speed (mph) 50

HYDROLOGIC DATA

Drainage Area 2.00 sq mi
Design Discharge (Q50) 336.5 cfs
Check Discharge (Q100) 393.8 cfs
Headwater Elevation (Q1.1) 51.7 ft
Headwater Elevation (Q25) 52.9 ft
Headwater Elevation (Q50) 53.1 ft
Headwater Elevation (Q100) 53.3 ft
Discharge Velocity (Q1.1) 7.1 fps
Discharge Velocity (Q50) 10.6 fps
Discharge Velocity (Q100) 11.1 fps

MATERIALS

Concrete:
Precast Class "P"
Fill "Fill"
All Other Class "A"
Reinforcing Steel ASTM A 615/A 615M, Grade 60
Welded Wire Reinforcement ASTM A1064/A1064M

BASIC DESIGN STRESSES

Concrete f 'c = 4,000 psi
Precast Concrete f 'c = 5,000 psi
Reinforcing Steel f y = 60,000 psi
Welded Wire Reinforcement f y = 65,000 psi

CAMDEN
KNOX COUNTY
SPRING BROOK BRIDGE
OVER
SPRING BROOK
US ROUTE 1
PROJECT NO. NHPP-2260(800)
PROJECT LENGTH 1.54 mi.
BRIDGE NO. 2794

LIST OF DRAWINGS

Title Sheet A1
Estimated Quantities & General Construction Notes A2
General Plan A3
Profile A4
Boring Location Plan A5
Interpretive Subsurface Profile A6
Boring Logs A7-A8
Conceptual Staged Construction Plans A9-A10
Bridge Details A11-A13
Stream Reconstruction Plan A14
Stream Typical Profile A15
Typical In-Structure Cross Sections A16
Stream Cross Sections A17-A25

UTILITIES

Central Maine Power Company
Fairpoint Communications
Lincolnville Telephone Company
Charter communications (TWC)
Maine Fiber Company

MAINTENANCE OF TRAFFIC

Traffic will be maintained with staged construction using one lane of alternation one-way traffic.

PROJECT LOCATION	Route 1 in Camden, approx. 0.9 miles southerly of Lincolnville T/L. Lat./Long. 44° 14' 20" N, 69° 02' 22" W
PROGRAM AREA	Highway Bridges - Traditional
OUTLINE OF WORK	Bridge replacement coinciding with 1.54 miles of roadway rehabilitation.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		<i>[Signature]</i>	
CHIEF ENGINEER: <i>[Signature]</i>		<i>[Signature]</i>	

STATE OF MAINE Kendra C.P. Nash 16874 PROFESSIONAL ENGINEER		SIGNATURE <i>[Signature]</i>	P.E. NUMBER 15874	DATE 1/23/2020
--	--	---------------------------------	----------------------	-------------------

PROJECT INFORMATION	PROGRAM BRIDGE	PROJECT MANAGER ANDREW LATHE	DESIGNER KENDRA NASH	CONSULTANT	PROJECT RESIDENT CONTRACTOR	PROJECT COMPLETION DATE
---------------------	-------------------	---------------------------------	-------------------------	------------	--------------------------------	-------------------------

CAMDEN SPRING BROOK BRIDGE	TITLE SHEET
-------------------------------	-------------

SHEET NUMBER A1 OF A 25

Date:1/22/2020

Username: Jeremiah Brunelle

Division: BRIDGE

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

WIN 22608.00

NHPP-2260(800)

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.2318	DISPOSAL OF SPECIAL WASTE	20	T
203.33	SPECIAL FILL	350	CY
206.092	STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	80	CY
502.22	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS (PLACED UNDER WATER)	145	CY
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I (200 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	2	UN
531.51	BRIDGE STRUCTURE - DETAIL BUILD	1	LS
610.16	HEAVY RIPRAP	398	CY
610.18	STONE DITCH PROTECTION	10	CY
610.210	STREAM CHANNEL ROCK	400	CY
610.212	STREAMBED ROCK FEATURES	320	CY
613.319	EROSION CONTROL BLANKET	10	SY
620.58	EROSION CONTROL GEOTEXTILE	443	SY
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	TYPE III BARRICADE	9	EA
652.33	DRUM	20	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (150 CD)	1	LS
652.38	FLAGGER	120	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

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits, and right of way lines, refer to the Right of Way Map in the Highway Plans.
2. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
3. All embankment material, except as otherwise shown, placed below EL. 53.1 shall be Granular Borrow meeting the requirements of Standard Specifications Subsection 703.19, Material for Underwater Backfill.
4. Place a 24 inch wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
5. Where it is apparent that runoff will cause continual erosion, 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. Payment will be made under the appropriate Contract items.
6. Protective Coating for Concrete Surfaces shall be applied to the following areas:

On all concrete headwalls and concrete wall surfaces that are exposed and to limit lines, one foot beyond intersections of concrete surfaces with the ground.
7. Project information referred to below may be accessed at the following MaineDOT web address:
http://www.maine.gov/mdot/contractors/
8. 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.
9. The hydrologic report of the bridge site may be accessed at the MaineDOT web address. The hydrologic report is based on Maine DOT interpretation of the information obtained for the subject site. No assurance is given that the information or the conclusions of the report will be representative of actual conditions at the time of construction.
10. The project geotechnical report titled: Geotechnical Design Report for the Replacment of Spring Brook Bridge Camden Maine, Soils Report 2020-04, January 17, 2020 may be accessed at the MaineDOT web address.
11. 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.
12. 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.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NHP-2260(800)

WIN
22608.00

BRIDGE NO. 2794
BRIDGE PLANS

SPRING BROOK BRIDGE
SPRING BROOK
CAMDEN

KNOX COUNTY

ESTIMATED QUANTITIES &
GENERAL CONSTRUCTION NOTES

PROJ. MANAGER ANDREW LATHE
DESIGN-DETAILED KON
CHECKED-REVIEWED GAG
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
01/20/20
01/20/20

BY
J. Brunelle
MRP

SIGNATURE

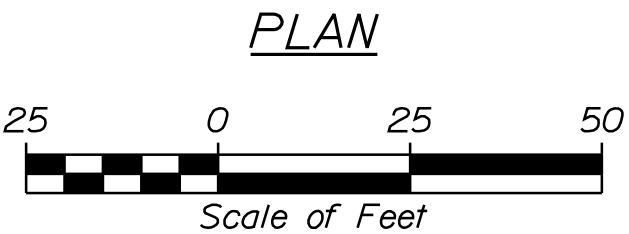
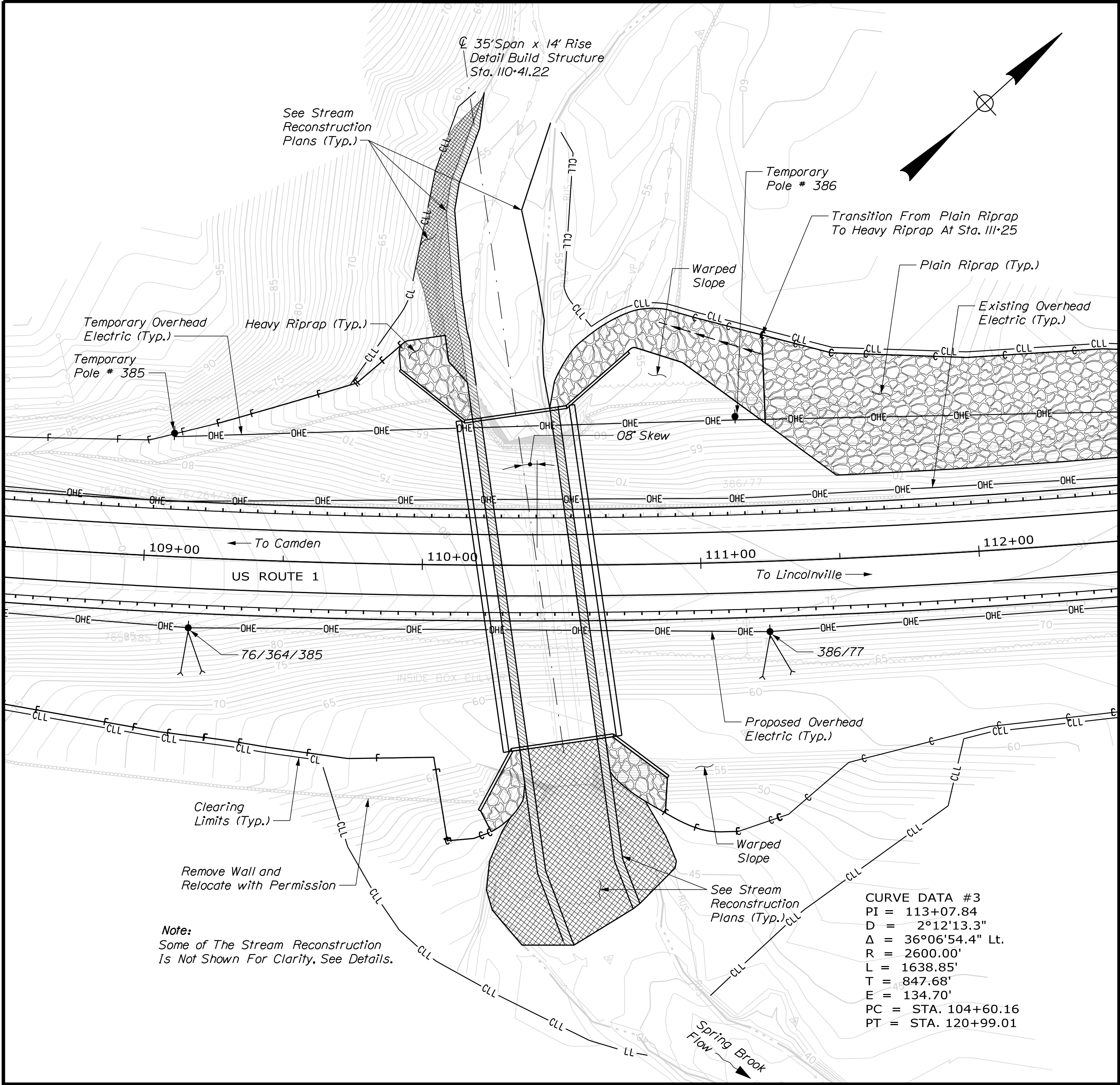
P.E. NUMBER

DATE

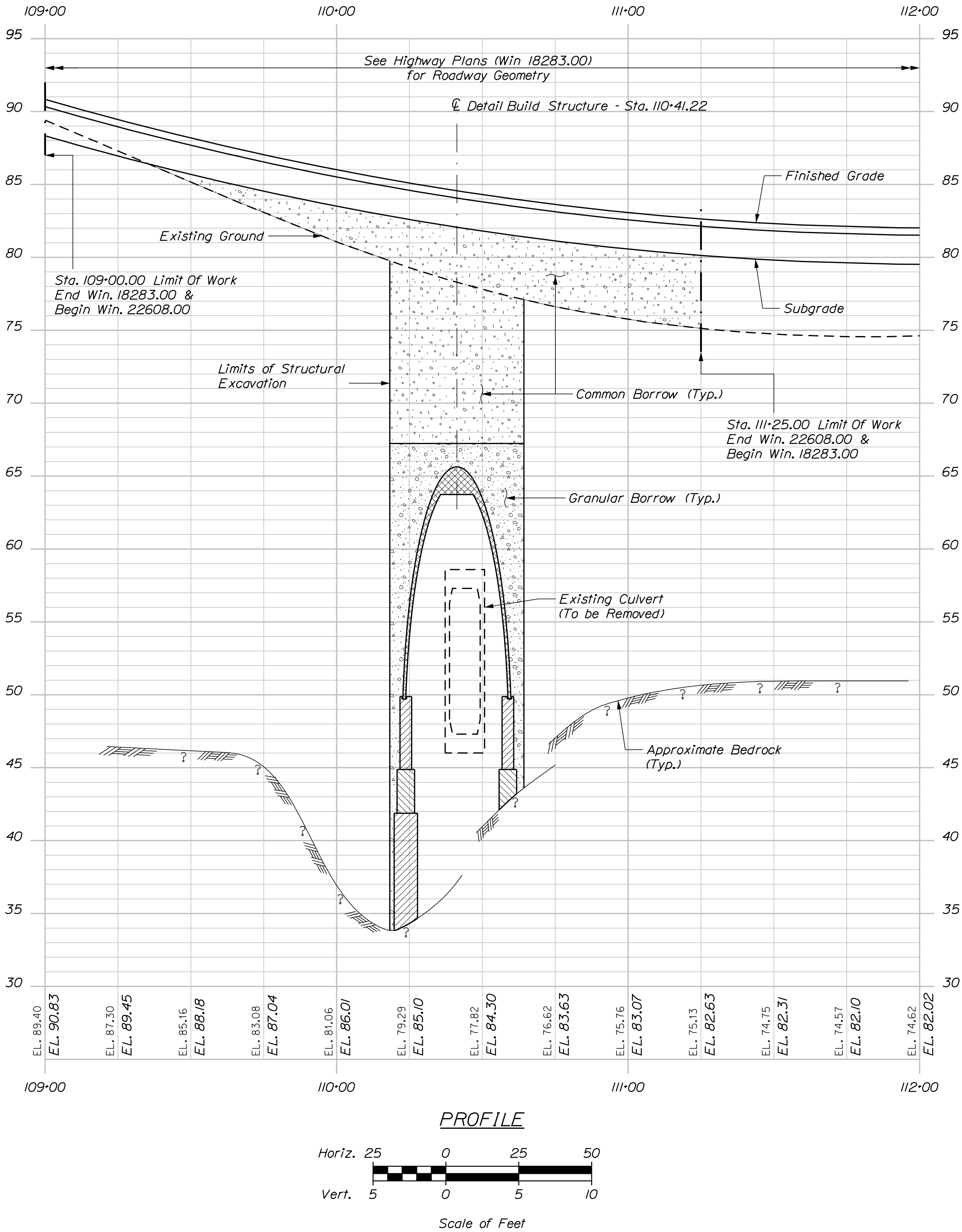
SHEET NUMBER

A2

OF A 25



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NHP-2260(800)		SIGNATURE	
WIN		P.E. NUMBER	
BRIDGE NO. 2764		DATE	
22608.00		FIELD CHANGES	
BRIDGE PLANS		DATE	
PROJECT MANAGER ANDREW LATHE		BY	
DESIGN-DETAILED J. Brunelle		DATE	
CHECKED-REVIEWED CAG		DATE	
DESIGN-DETAILED2		DATE	
DESIGN-DETAILED3		DATE	
REVISIONS 1		DATE	
REVISIONS 2		DATE	
REVISIONS 3		DATE	
REVISIONS 4		DATE	
FIELD CHANGES		DATE	
SPRING BROOK BRIDGE		KNOX COUNTY	
SPRING BROOK		GENERAL PLAN	
CAMDEN		SHEET NUMBER	
A3		OF A 25	



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

NHPP-2260(800)

WIN 22608.00

BRIDGE NO. 2794

BRIDGE PLANS

SPRING BROOK BRIDGE

SPRING BROOK

CAMDEN

KNOX COUNTY

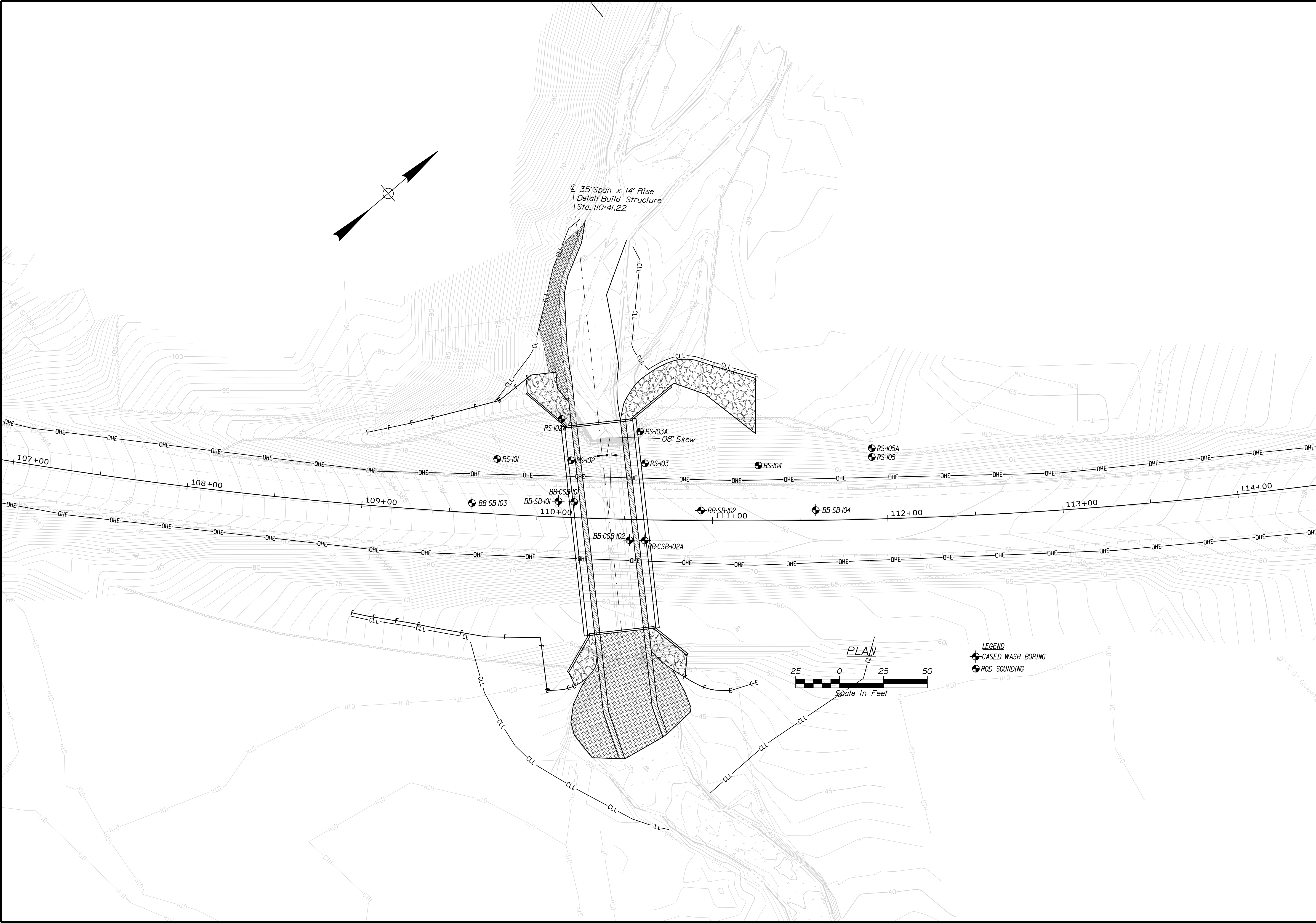
PROFILE

SHEET NUMBER

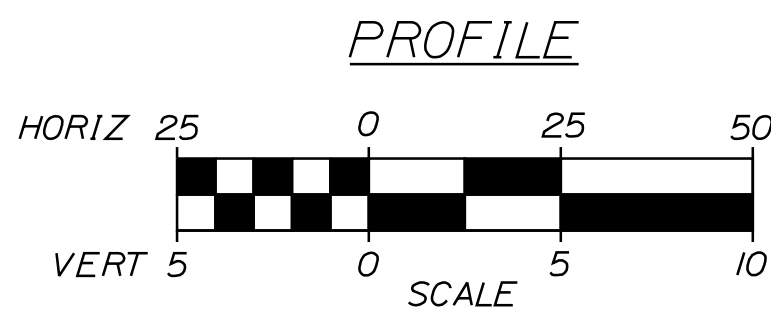
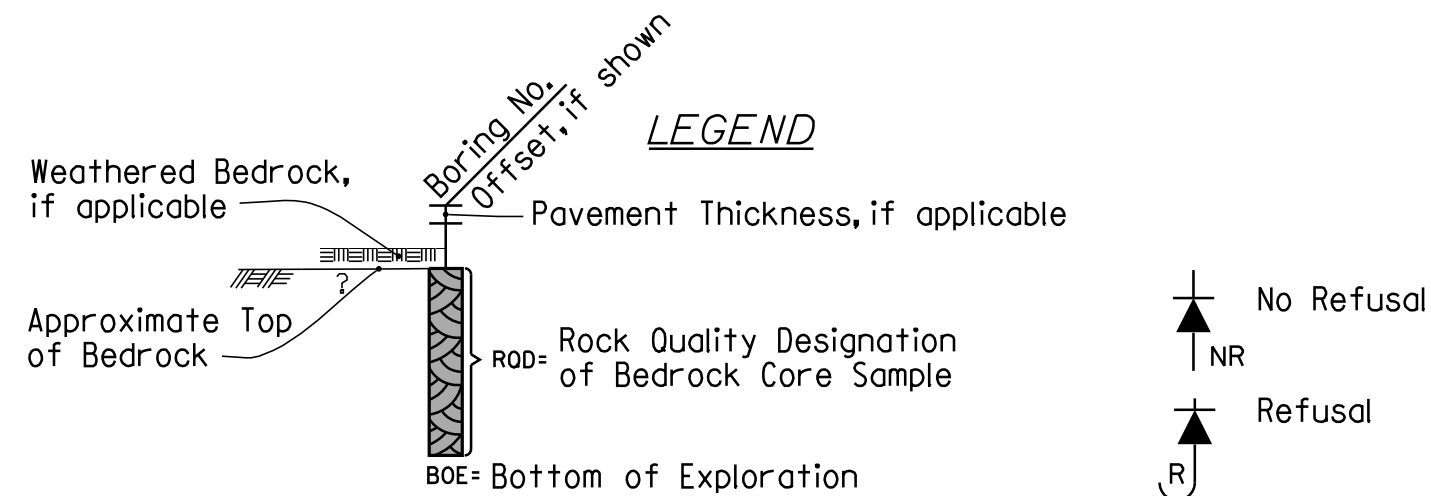
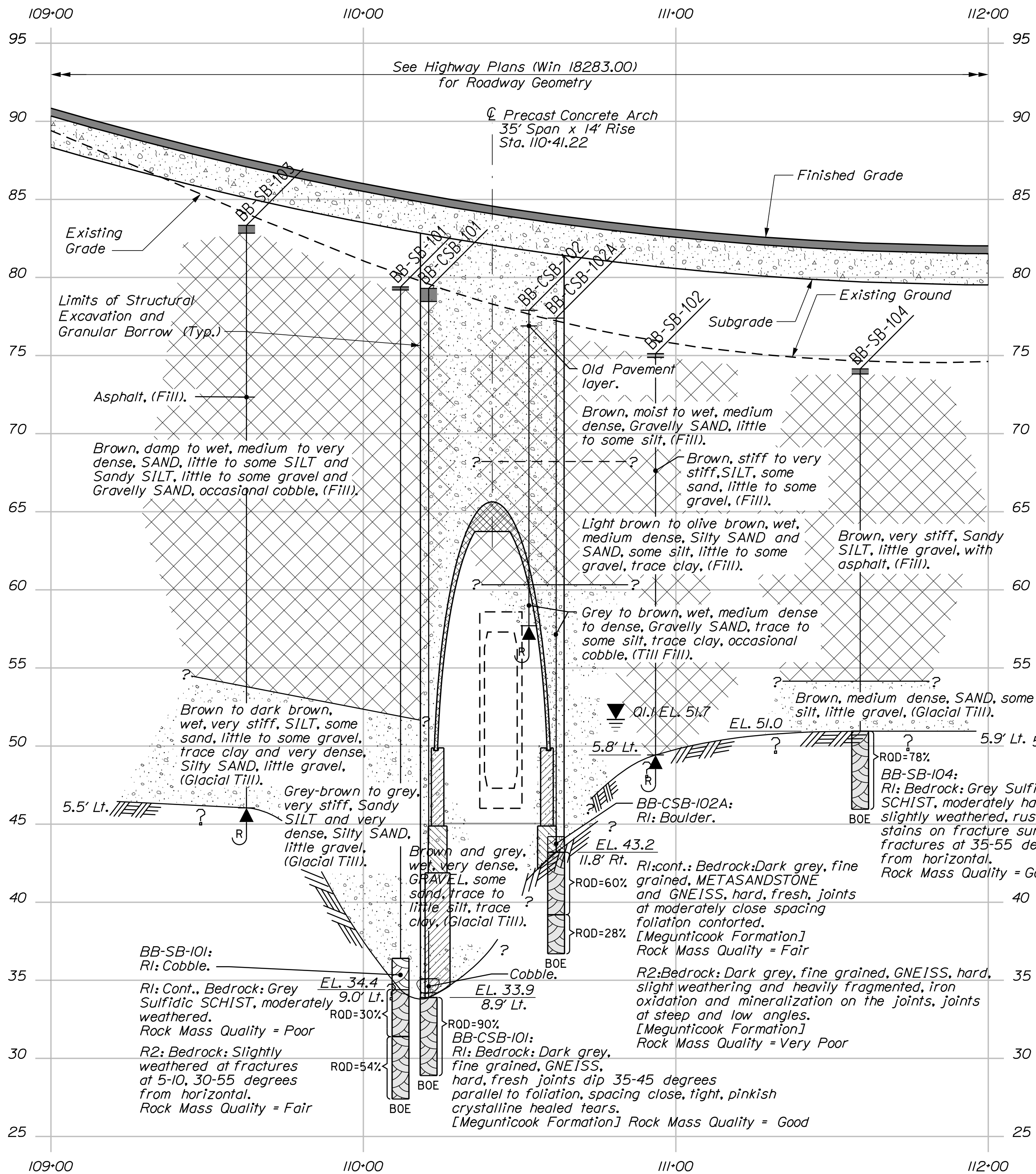
A4

OF A 25

PROJ. MANAGER	ANDREW LATHE	BY	DATE	SIGNATURE
DESIGNED-DETAILED	KON	J. Brunelle	01/2020	
CHECKED-REVIEWED	GAG	MRP	01/2020	
DESIGNS-DETAILED				
DESIGNS-1				
REVISIONS-1				P.E. NUMBER
REVISIONS-2				DATE
REVISIONS-3				
REVISIONS-4				
FIELD CHANGES				



SHEET NUMBER		SPRING BROOK BRIDGE				PROJ. MANAGER		ALATHE		BY		DATE	
A5		SPRING BROOK				DESIGN-DETAILED		KCN		JAB		03.07.2018	
		CAMDEN				CHECKED-REVIEWED							
		KNOX COUNTY				DESIGN2-DETAILED2		L KRUSINSKI		T. WHITE		DEC. 2019	
						DESIGN3-DETAILED3						P.E. NUMBER	
						REVISIONS 1							
						REVISIONS 2							
						REVISIONS 3							
						REVISIONS 4							
						FIELD CHANGES						DATE	
		BORING LOCATION PLAN											



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.

SPRING BROOK BRIDGE				PROJ. MANAGER		ALATHE		BY		DATE	
SPRING BROOK				DESIGN-DETAILED		KCN		JAB		03.07.2018	
CAMDEN				CHECKED-REVIEWED							
KNOX COUNTY				DESIGN2-DETAILED2		KRIVINSKI		T. WHITE		DEC. 2009	
INTERPRETIVE SUBSURFACE PROFILE				DESIGN3-DETAILED3						P.E. NUMBER	
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES						DATE	

Stratification lines represent approximate boundaries between soil type transitions may be gradual.	Page 1 of 1
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.	Boring No.: BB-CSB-101

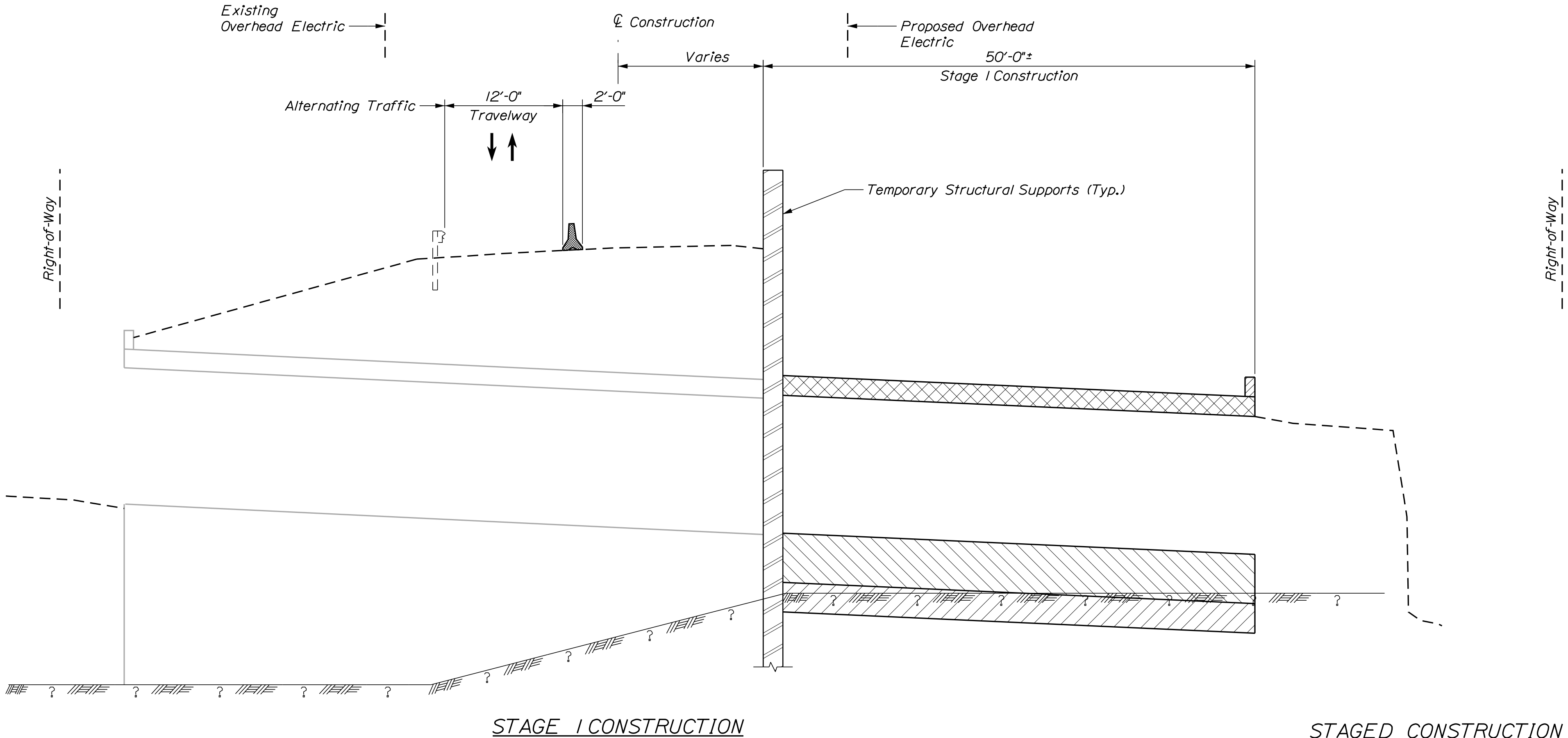
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.	Page 1 of 1
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.	Boring No.: BB-CSB-102

Stratification lines represent approximate boundaries between soil type transitions may be gradual.	Page 1 of 1
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.	Boring No.: BB-CSB-102A

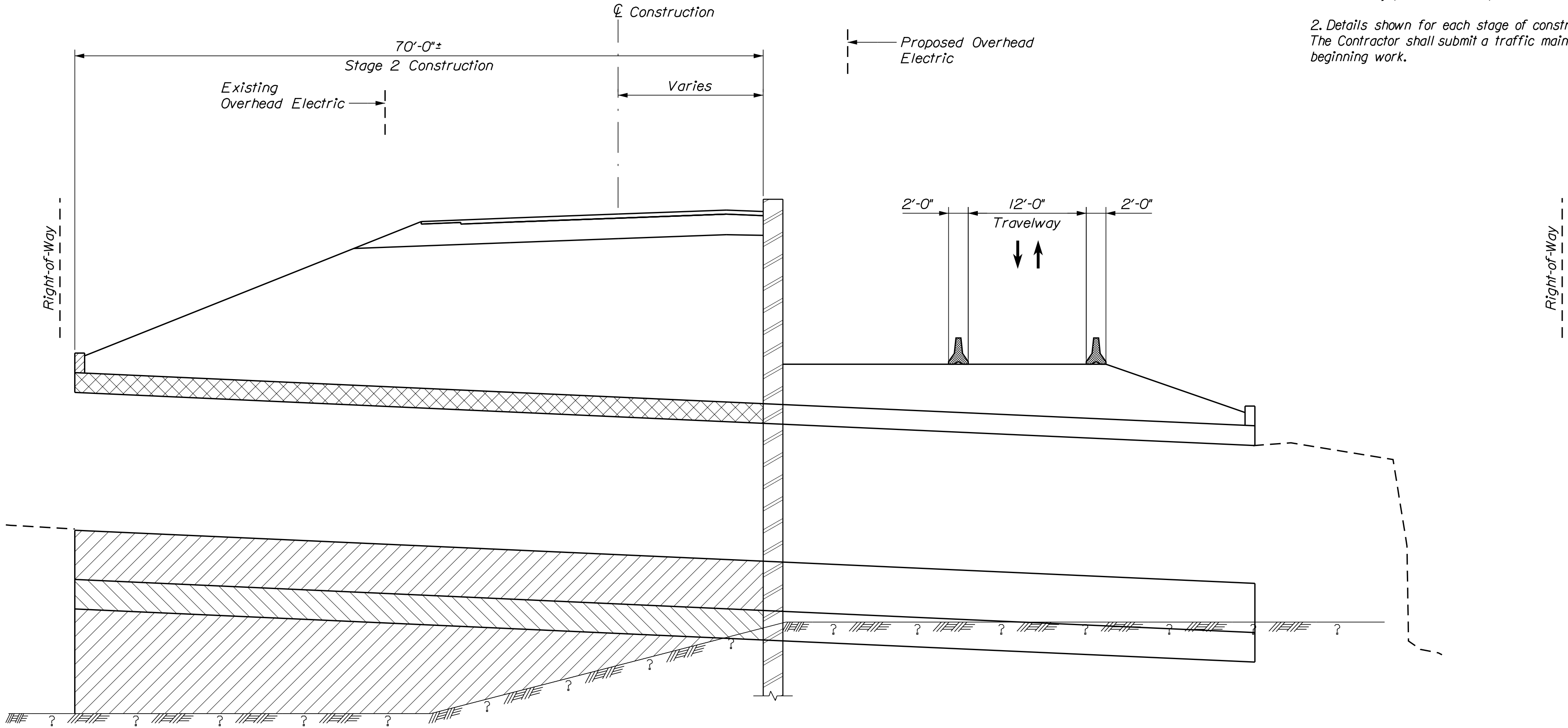
SHEET NUMBER

A 7

OF A25



STAGE 1 CONSTRUCTION

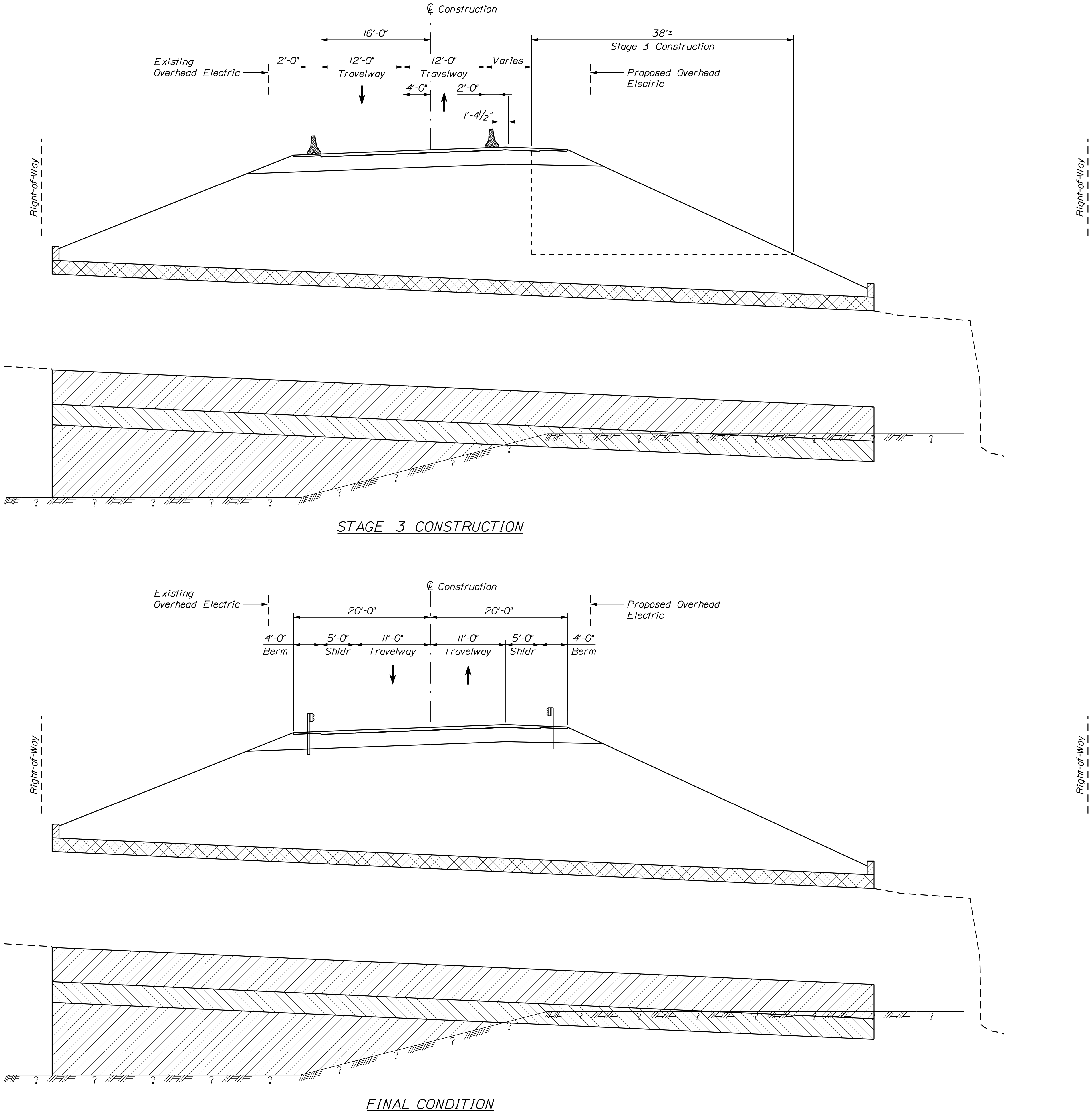


STAGE 2 CONSTRUCTION

STAGED CONSTRUCTION NOTES

1. Placement of the buried structure shall begin at the downstream end and be consecutively placed to the upstream end.
2. Details shown for each stage of construction are for illustrative purposes only. The Contractor shall submit a traffic maintenance plan to the Resident before beginning work.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION				SIGNATURE			
NHP-2260(800)				P.E. NUMBER			
BRIDGE NO. 2794 WIN 22608.00				DATE			
SPRING BROOK BRIDGE SPRING BROOK CAMDEN				PROJ. MANAGER ANDREW LATHE			
KNOX COUNTY				BY J. Brunelle MRP			
CONCEPTUAL STAGED CONSTRUCTION PLANS 1 OF 2				DESIGN-DETAILED KCN CHECKED-REVIEWED GAG			
SHEET NUMBER A9 OF A 25				DESIGN2-DETAILED2 DESIGN3-DETAILED3			
REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES				DATE			
BRIDGE NO. 2794 WIN 22608.00				DATE			



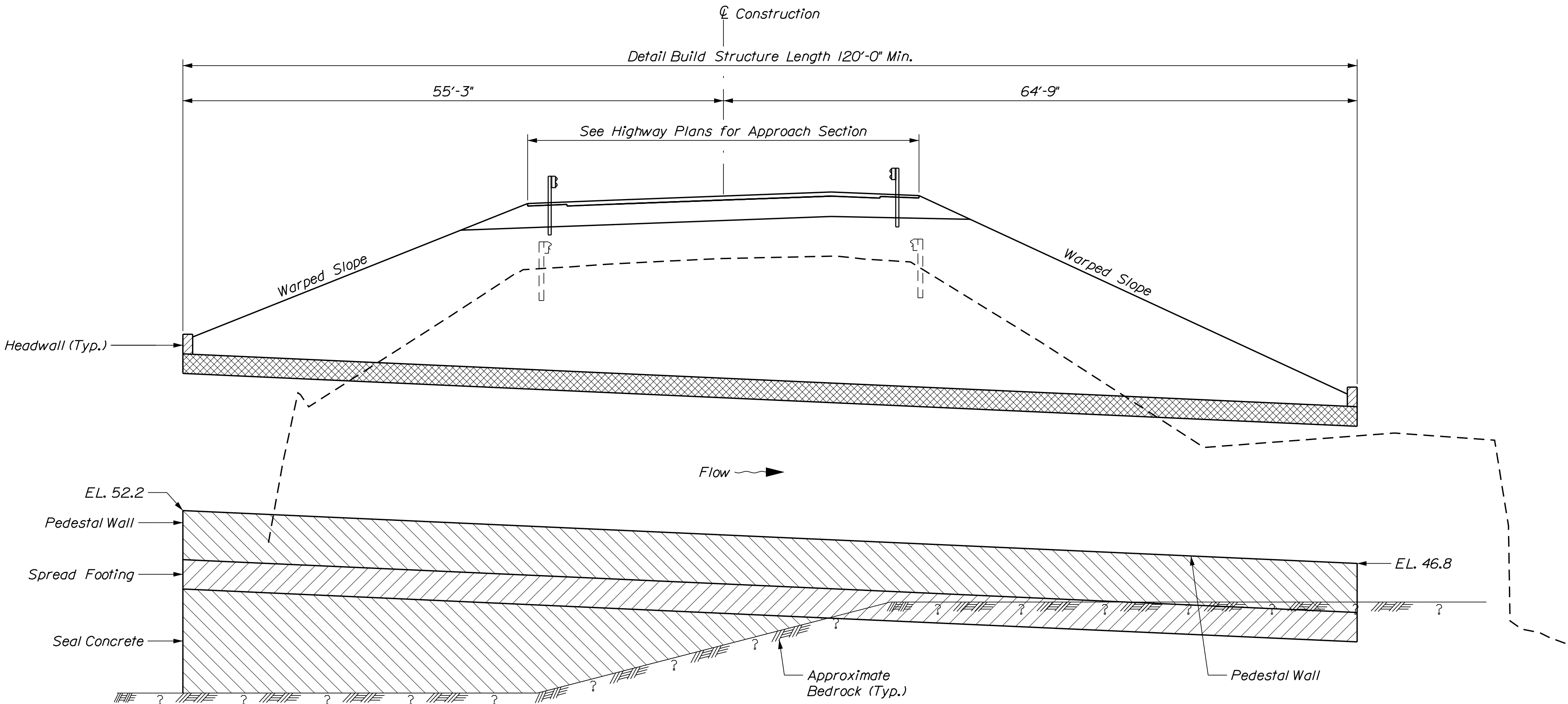
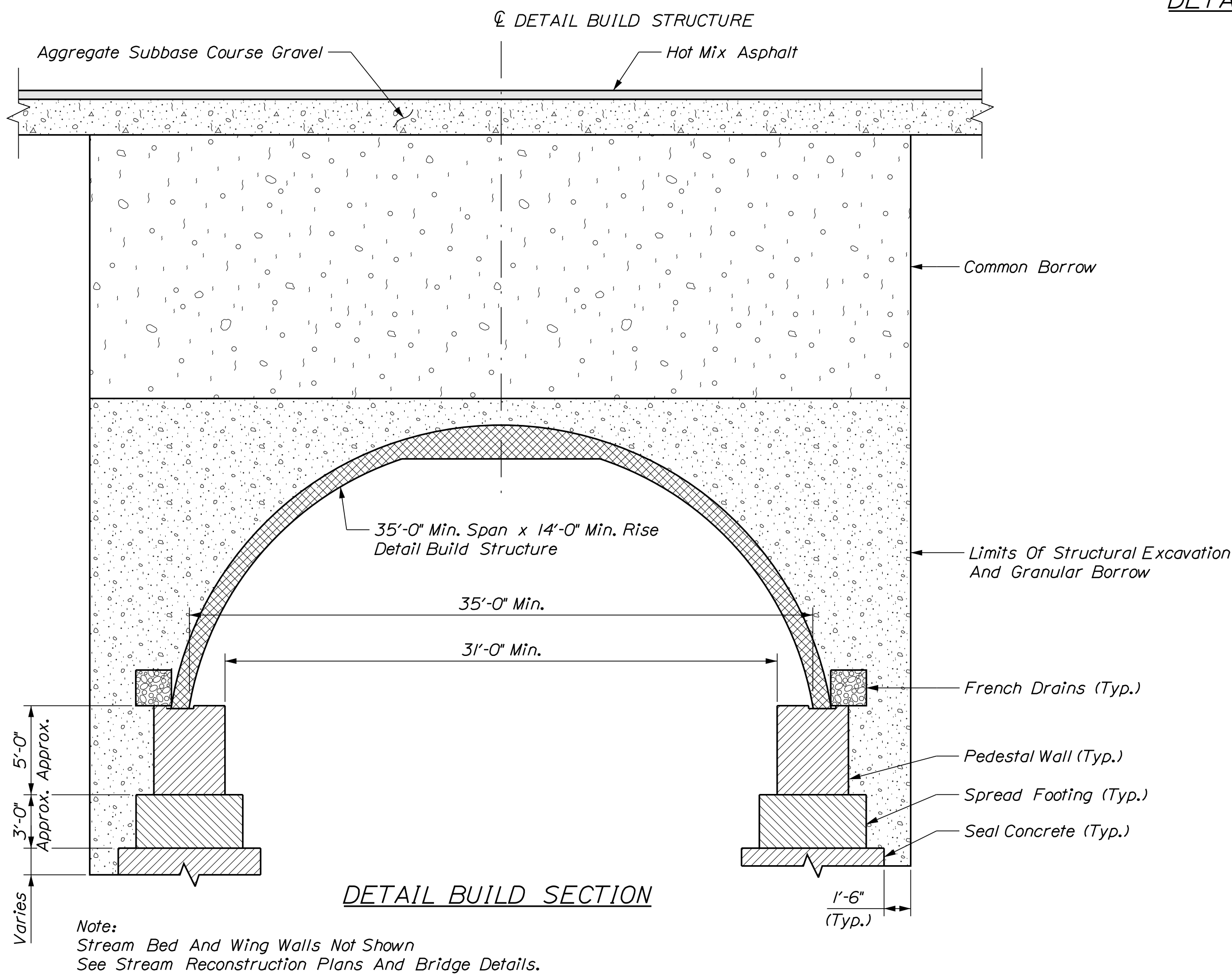
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NHP-2260(800)		BRIDGE NO. 2794	
WIN		22608.00	
BRIDGE PLANS			

PROJ. MANAGER	ANDREW LATHE	BY	DATE
DESIGN-DETAILED	KON	J. Brunelle	01/2020
CHECKED-REVIEWED	GAG	MRP	01/2020
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	
P.E. NUMBER	
DATE	

SHEET NUMBER	
A10	
OF A 25	

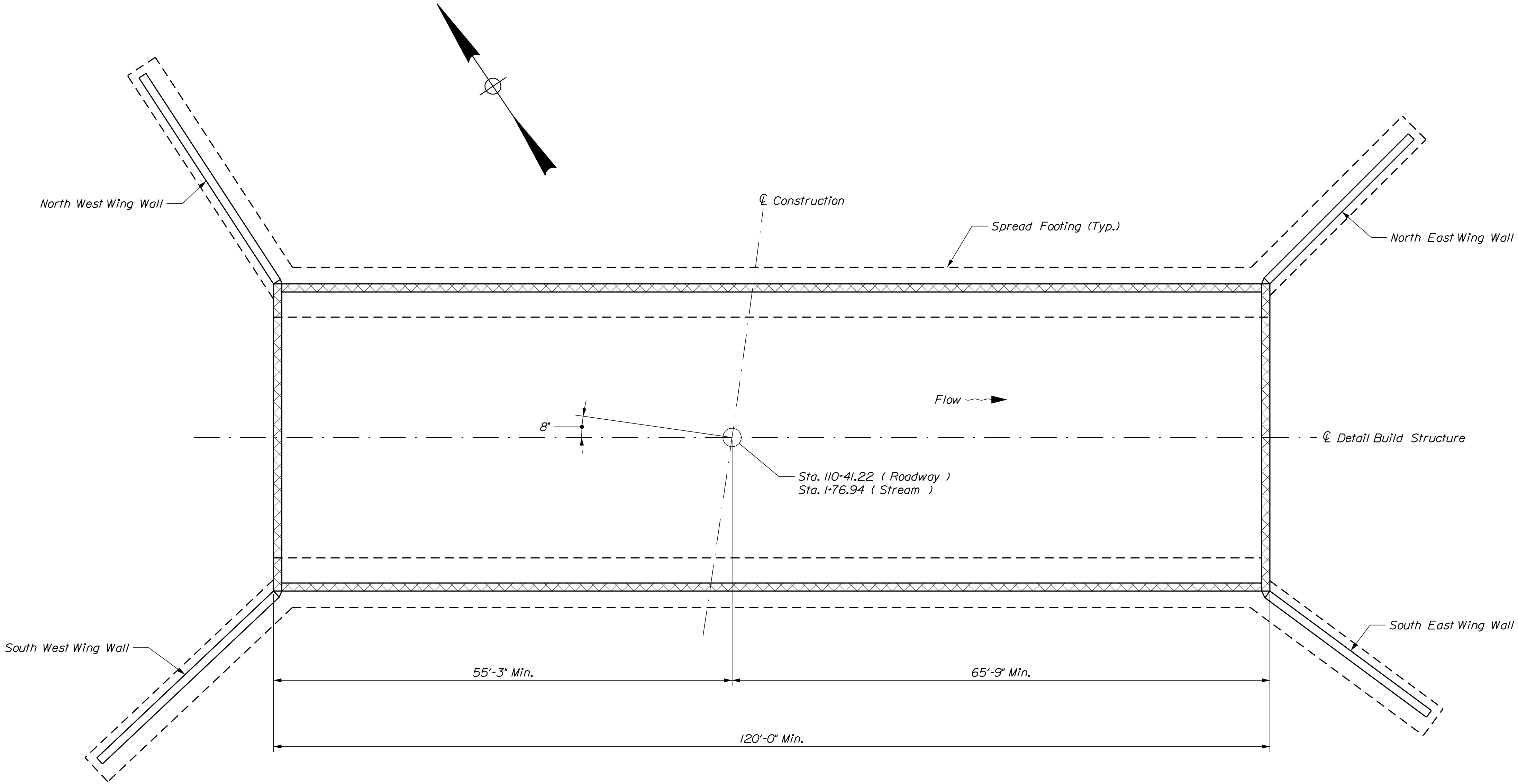
SPRING BROOK BRIDGE	KNOX COUNTY
SPRING BROOK	
CAMDEN	
CONCEPTUAL STAGED	
CONSTRUCTION PLANS 2 OF 2	



DETAIL BUILD BRIDGE STRUCTURE NOTES:

1. Structure and foundation are shown for illustrative purposes only. See Special Provision 53I.
2. Construct French Drains behind each base of the Structure Detail Build and wingwalls in accordance with Standard Specification Section 512, French Drains. Daylight french drains through weepholes in the wingwalls. Coordinate daylight locations with Resident in field.
3. Foundations for detail build structure are shown for illustrative purposes only. Actual dimensions will vary based on the Contractor's proposed design concept. See Special Provision 53I and Project Geotechnical Report for additional information and design requirements.
4. Foundation concrete shall be placed on bedrock, cleaned of all loose rock or soil. The bedrock subgrade shall be confirmed to be relatively level. Where the bedrock slope exceeds 4H:1V, the bedrock shall be benched to make level steps or made completely level. When prepared bedrock surface is below the bottom of the footing, concrete seal may be placed to fill the void.
5. Concrete seal shown for illustrative purposes only. Actual height of the seal will vary based on the field verified bedrock elevations. Concrete seal shall be paid under Item No. 502.22 Structural Concrete, Abutments and Retaining Walls (Placed Under Water). Seal concrete shall be Class Fill.
6. The depth, nature, slope and degree of fracturing in the bedrock is unknown and will not be known until excavations are made.

SPRING BROOK BRIDGE SPRING BROOK CAMDEN				KNOX COUNTY				STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
BRIDGE DETAILS 1 OF 3				DESIGN-DETAILED		KCN	J. Brunelle	07/2020	SIGNATURE
				CHECKED-REVIEWED		GAG	MRP	07/2020	
				DESIGN2-DETAILED2					
				DESIGN3-DETAILED3					
				REVISIONS 1					
				REVISIONS 2					P.E. NUMBER
				REVISIONS 3					
				REVISIONS 4					
				FIELD CHANGES					
SHEET NUMBER A11 OF A 25				BRIDGE NO. 2794		WIN 22608.00		BRIDGE PLANS	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION NHP-2260(800)	SHEET NUMBER			
	A12			
	OF A 25			
BRIDGE NO. 2794 WIN 22608.00	BRIDGE PLANS			
	BRIDGE NO. 2794			
	22608.00			
SPRING BROOK BRIDGE SPRING BROOK CAMDEN	KNOX COUNTY	PROJ. MANAGER	ANDREW LATHE	BY
		DESIGNED-DETAILED	KON	J. Brunelle
		CHECKED-REVIEWED	GAS	MRP
BRIDGE DETAILS 2 OF 3	SIGNATURE	DATE	01/2020	01/2020
		DATE	01/2020	01/2020
		DATE	01/2020	01/2020
BRIDGE DETAILS 2 OF 3	P.E. NUMBER	REVISIONS 1		
		REVISIONS 2		
		REVISIONS 3		
BRIDGE DETAILS 2 OF 3	FIELD CHANGES	REVISIONS 4		
		REVISIONS 5		
		REVISIONS 6		

SOUTH WEST WING WALL

WEST HEADWALL

NORTH WEST WING WALL

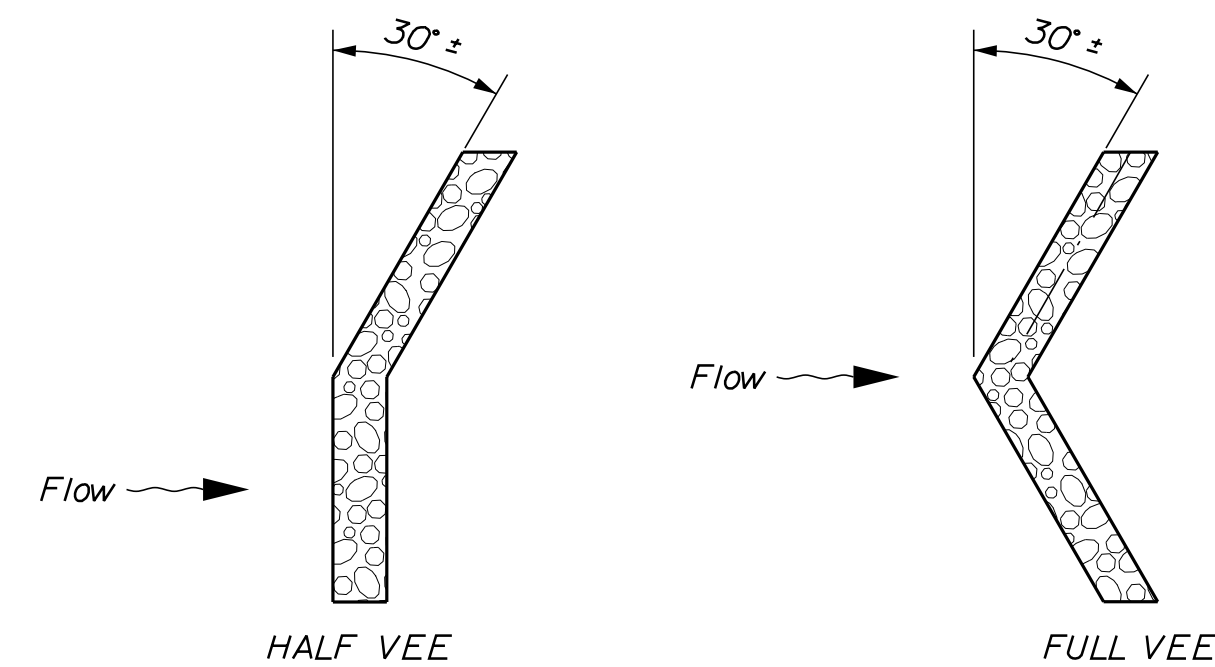
1. Detail build headwall and wingwall structure shown is for illustrative purposes only. See Special Provision 531 and Project Geotechnical Report.
2. Wingwalls and their footings shall be backfilled with Granular Borrow. Backfill will not be measured for payment, but shall be included in the Detail Build Structure Pay Item.
3. Refer to the Project Geotechnical Report for detail build wingwall geotechnical design requirements.

SOUTH EAST WING WALL

EAST HEADWALL

NORTH EAST WING WALL

SHEET NUMBER A13 OF A 25	SPRING BROOK BRIDGE SPRING BROOK CAMDEN KNOX COUNTY						
	DESIGN-DETAILED	KCN	J. Bourdelle	DATE			
	CHECKED-REVIEWED	GAC	MRP	07/2020			
	DESIGN2-DETAILED2			07/2020	SIGNATURE		
	DESIGN3-DETAILED3				P.E. NUMBER		
	REVISONS 1						
BRIDGE DETAILS 3 OF 3							
REVISONS 2							
REVISONS 3							
REVISONS 4							
FIELD CHANGES							
STATE OF MAINE DEPARTMENT OF TRANSPORTATION NHPP-2260(800) WIN 22608.00 BRIDGE NO. 2794 BRIDGE PLANS							

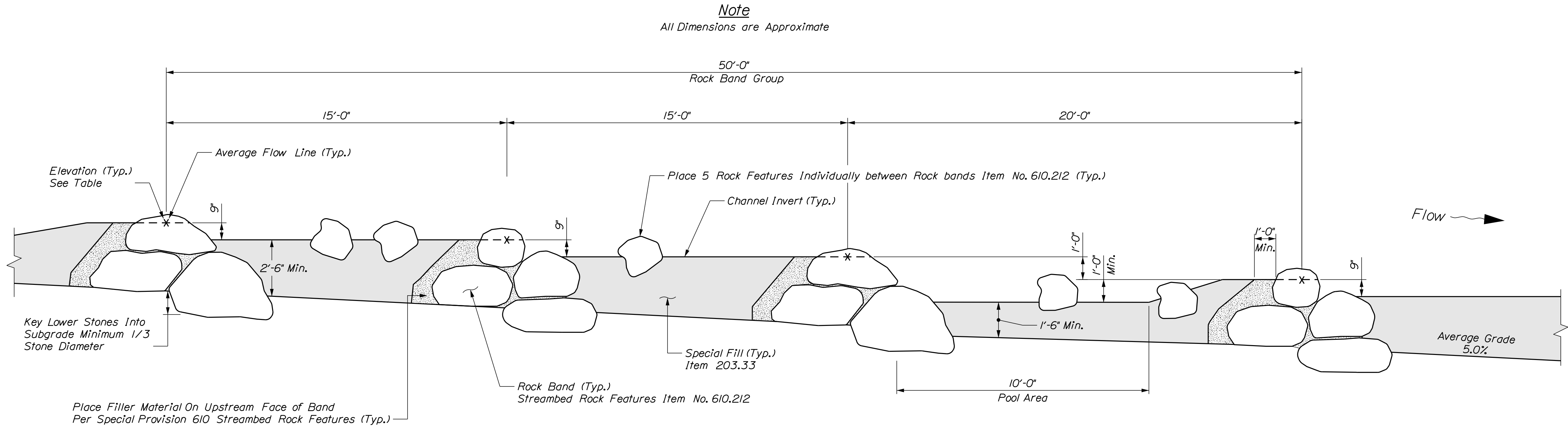


TYPICAL ROCK BAND PLAN

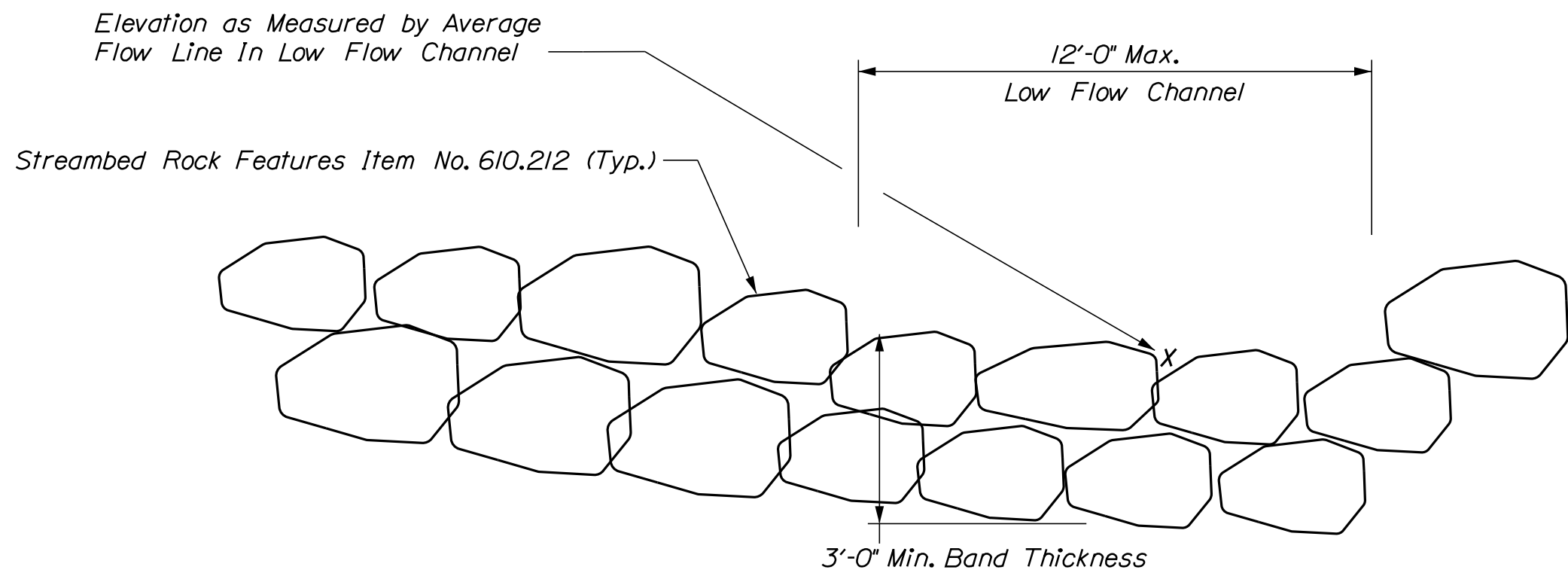
STREAM RECONSTRUCTION PLAN

Note:
Sections A-A, B-B and C-C are Shown on
the Typical In-Structure Cross-Sections page.

SHEET NUMBER <div>A14</div> <div>OF A 25</div>		SPRING BROOK BRIDGE		KNOX COUNTY		PROJ. MANAGER	ANDREW LATHE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION NHPP-2260(800)	
		SPRING BROOK				DESIGN-DETAILED	KCN	J. Bourelle	07/2020		
		CAMDEN		CHECKED-REVIEWED		CAC	MP	07/2020	SIGNATURE		
						DESIGN2-DETAILED2		M. Lichius	07/2020		P.E. NUMBER
						DESIGN3-DETAILED3					
STREAM RECONSTRUCTION PLAN		REVISIONS 1								BRIDGE NO. 2794 WIN 22608.00 BRIDGE PLANS	
		REVISIONS 2									
		REVISIONS 3									
		REVISIONS 4									
		FIELD CHANGES									



TYPICAL ROCK BAND AND POOL GROUP DETAIL
(TOTAL OF 5 GROUPS REQUIRED)



ROCK BAND NOTES

1. Place Stones to Form low Flow Channel with Minimum Depth as Shown.
2. Maintain Effective Low Flow Opening Width of 6ft Min Between Rocks.
3. Key Rock Band Stones into Banklines.
4. Filler Material shall be paid under Item No. 203.33 Special Fill. See Special Provision 203 Special Fill for Material Requirements.

Station	Elevation	Feature	Group
0+50	53.8	Rock Band 16	5
0+65	53.1	Rock Band 15	
0+80	52.3	Rock Band 14	
0+90	50.3	Pool 5	
1+00	51.3	Rock Band 13	4
1+15	50.6	Rock Band 12	
1+30	49.8	Rock Band 11	
1+40	47.8	Pool 4	
1+50	48.8	Rock Band 10	3
1+65	48.1	Rock Band 9	
1+80	47.3	Rock Band 8	
1+90	45.3	Pool 3	
2+00	46.3	Rock Band 7	2
2+15	45.6	Rock Band 6	
2+30	44.8	Rock Band 5	
2+40	42.8	Pool 2	
2+50	43.8	Rock Band 4	1
2+65	43.1	Rock Band 3	
2+80	42.3	Rock Band 2	
2+90	40.3	Pool 1	
3+00	41.3	Rock Band 1	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NHP-2260(800)

WIN
22608.00

BRIDGE NO. 2794
BRIDGE PLANS

PROJ. MANAGER
ANDREW LATHE

CHECKED-REVIEWED
KCN
GAC

DESIGNED-DETAILED
M. LUKAS

REVISIONS
1
2
3
4

DATE
01/2020
01/2020
01/2020

BY
J. Brunelle
MRP

SIGNATURE
P.E. NUMBER
DATE

SPRING BROOK BRIDGE
SPRING BROOK
CAMDEN

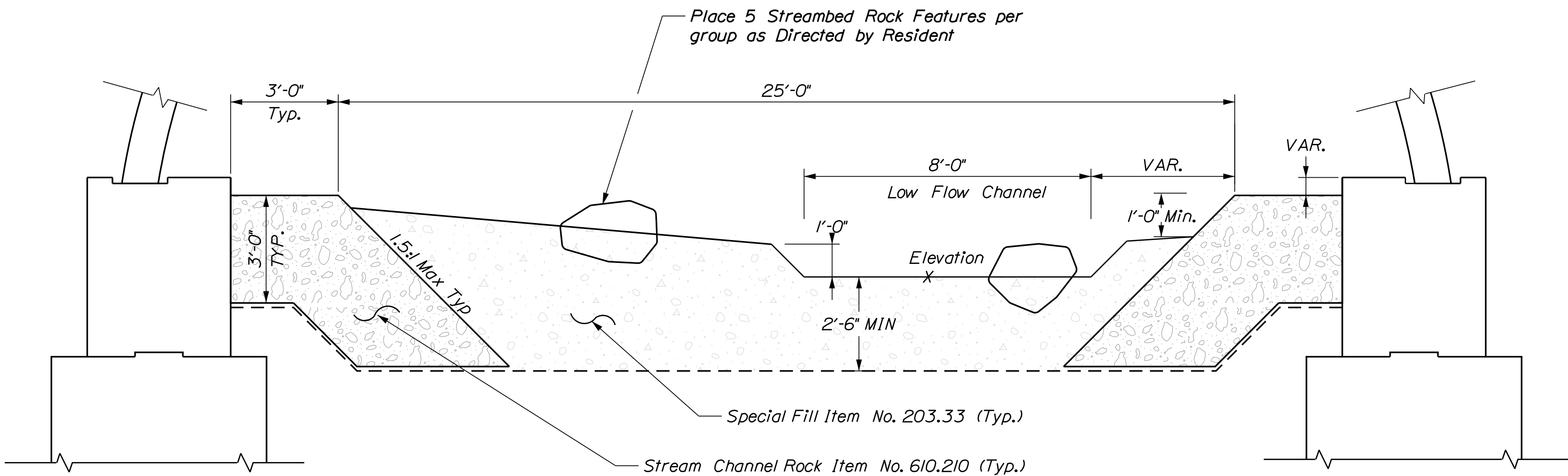
KNOX COUNTY

STREAM TYPICAL PROFILE

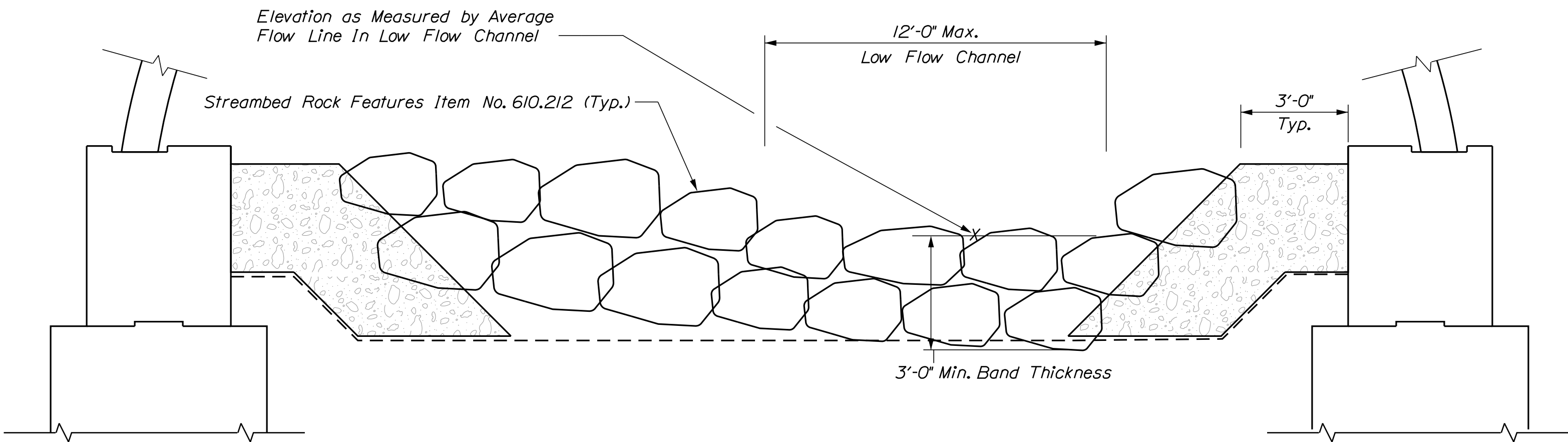
SHEET NUMBER

A15

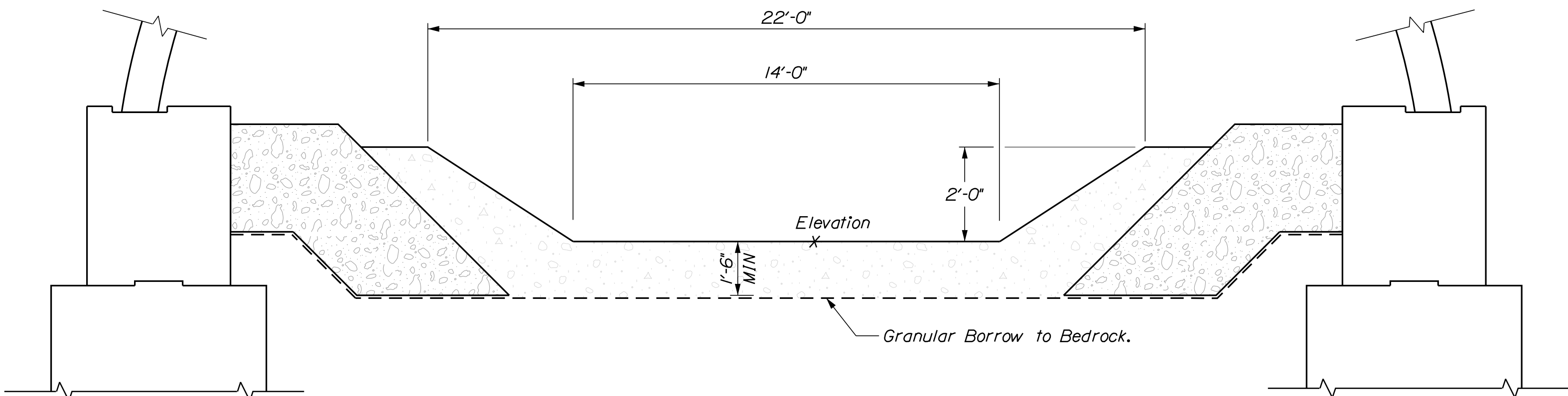
OF A 25



SECTION A-A
Between Rock Bands (Typ.)

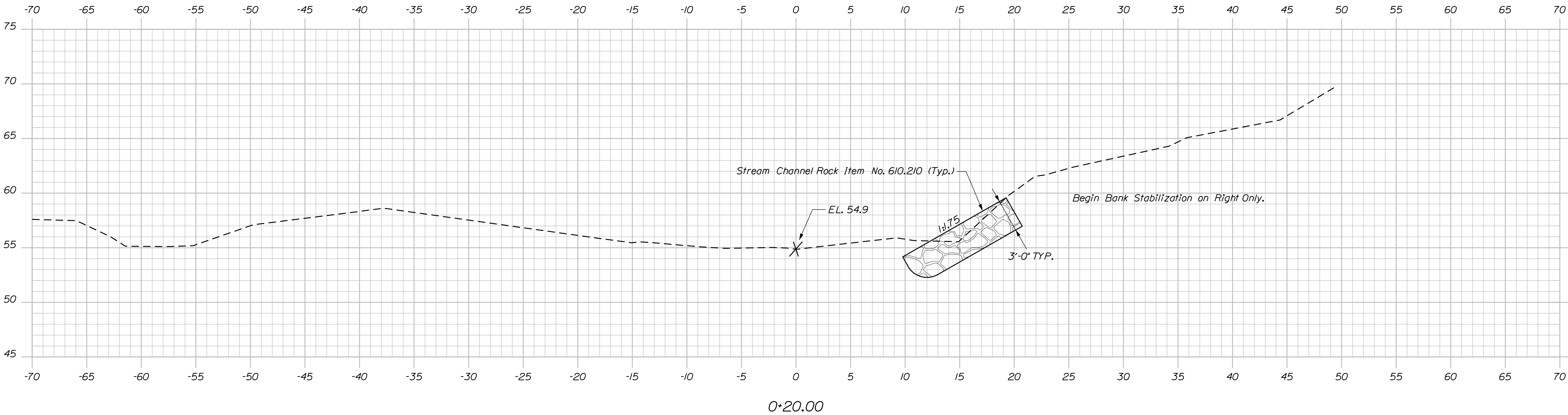
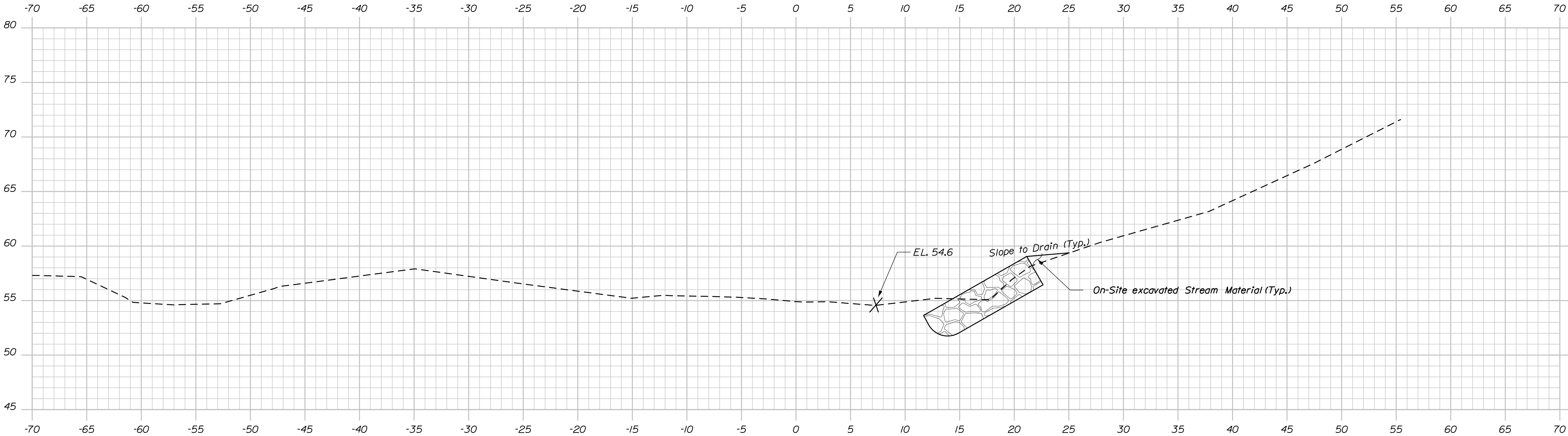


SECTION B-B
Rock Bands (Typ.)



SECTION C-C
Pool (Typ.)

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		NHP-2260(800)		BRIDGE NO. 2794		WIN		22608.00		BRIDGE PLANS	
SPRING BROOK BRIDGE		SPRING BROOK		KNOX COUNTY		CAMDEN		TYPICAL IN-STRUCTURE		CROSS SECTIONS		SHEET NUMBER	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
KON		GAC		M. LICKUS									
BY		DATE		SIGNATURE		P.E. NUMBER		DATE					
J. Brunelle		07/2020											
MRP		07/2020											
FIELD CHANGES													



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NHP-2260(800)	
BRIDGE NO. 2794	WIN 22608.00
BRIDGE PLANS	

PROJ. MANAGER	ANDREW LATHE	BY	DATE
CHECKED-REVIEWED	KON J. Brunelle	MP	07/2020
DESIGN-DETAILED	M. Lickas		07/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SPRING BROOK BRIDGE	KNOX COUNTY
SPRING BROOK	
CAMDEN	
STREAM CROSS SECTIONS	

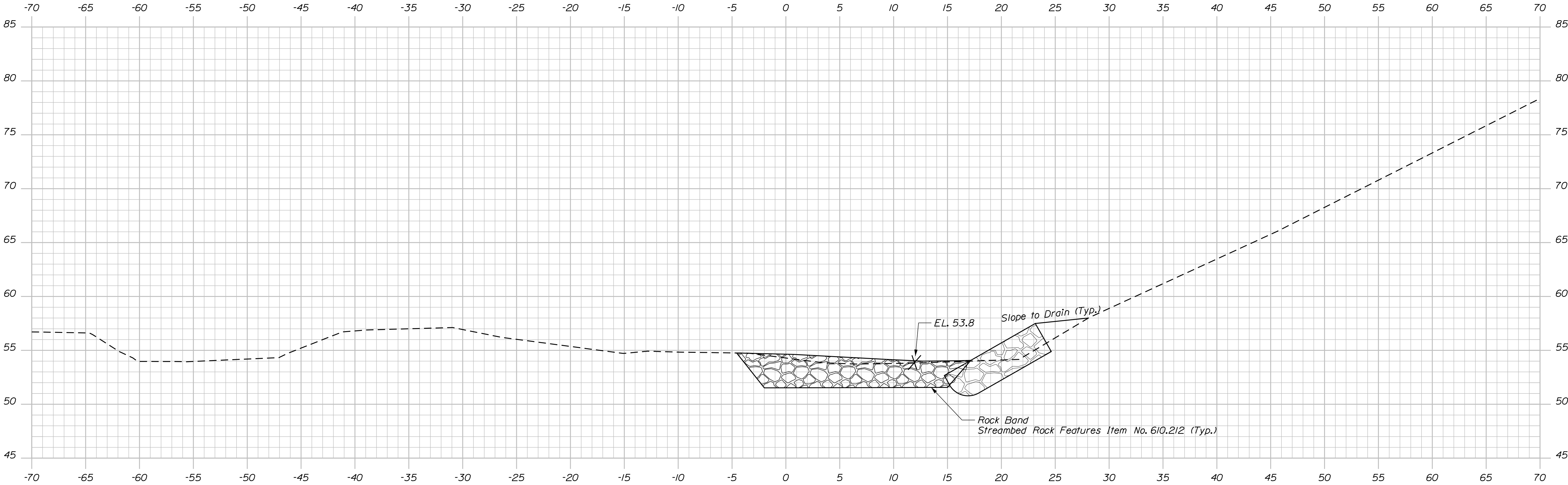
SHEET NUMBER
A17
OF A 25

Username: Jeremiah.Brunelle

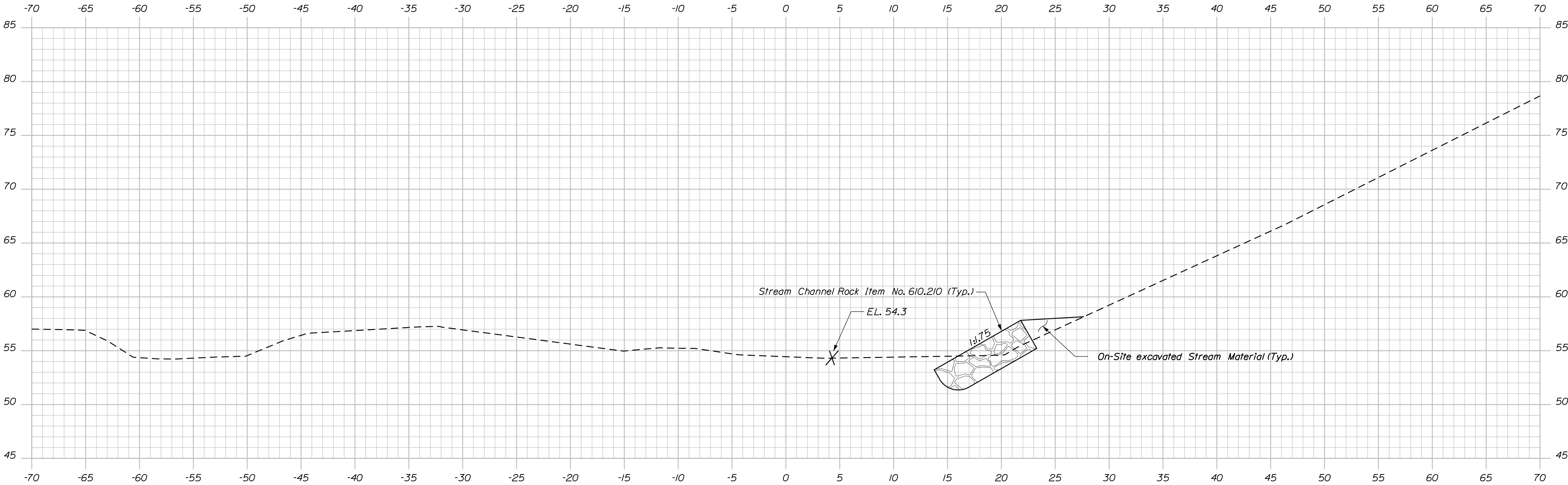
Date:1/23/2020

Division: BRIDGE

Filename: ... \MSTAO18_XSECT_0+40_002.dgn



0+50.00



0+40.00

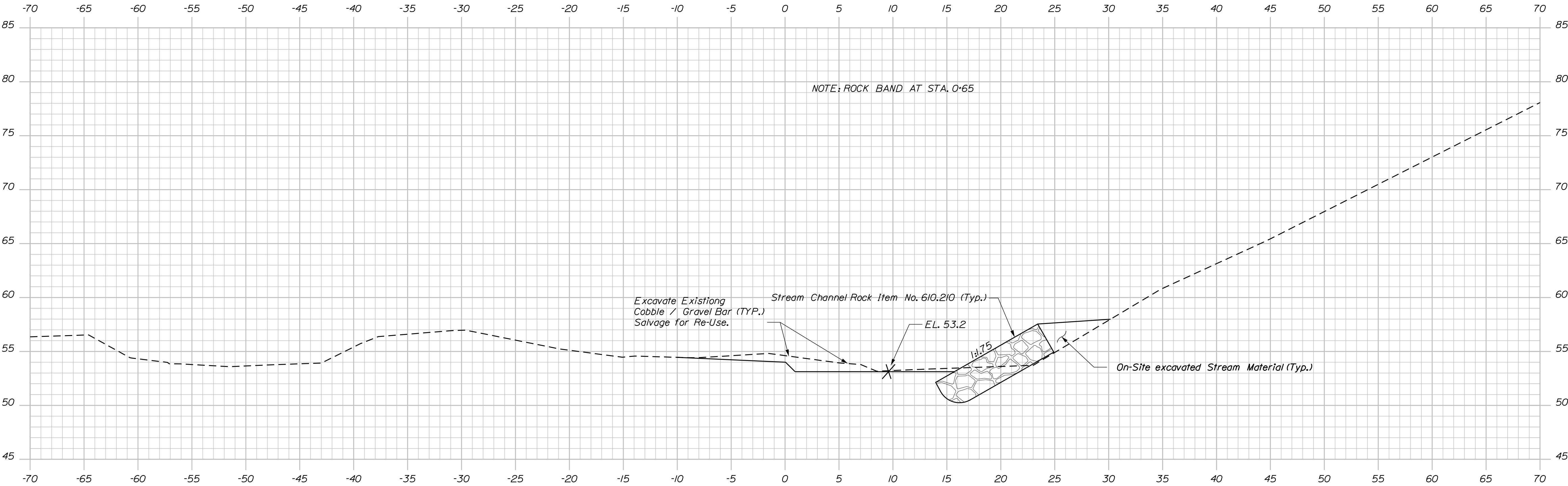
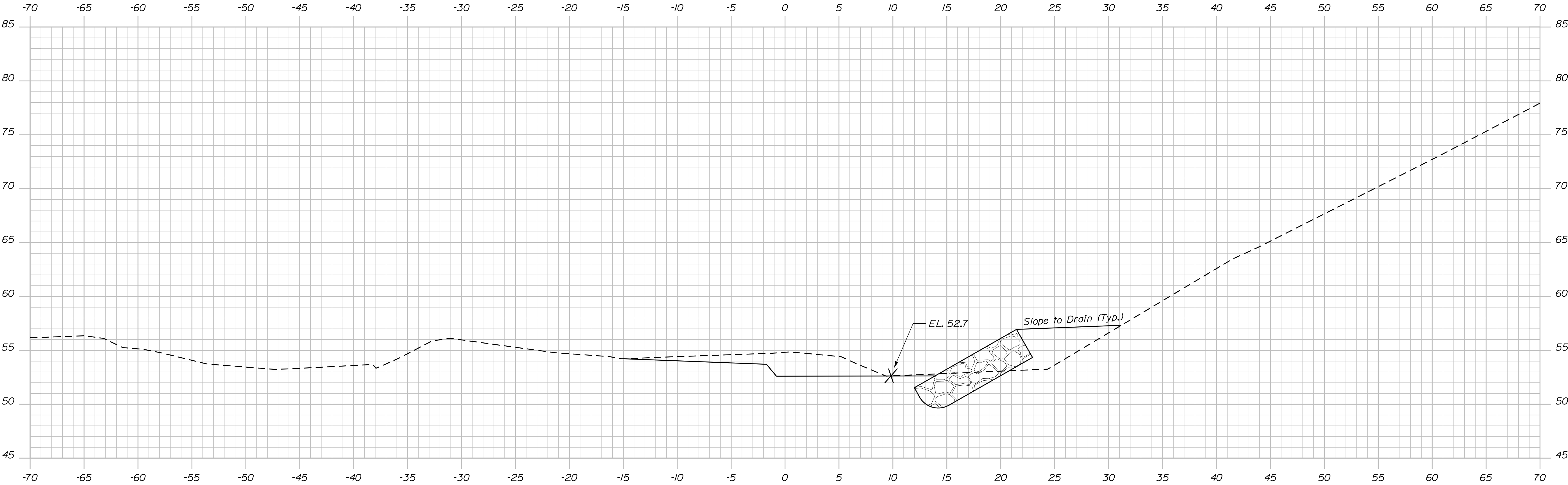
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NHP-2260(800)			
	BRIDGE NO. 2794		WIN 22608.00	
	BRIDGE PLANS			
PROJ. MANAGER ANDREW LATHE		BY J. Brunelle	DATE 01/2020	SIGNATURE
DESIGN-DETAILED KON		CHECKED-REVIEWED GAC	DATE 01/2020	P.E. NUMBER
DESIGN-DETAILED M. Lickus		REVISIONS 1	DATE	DATE
DESIGN-DETAILED		REVISIONS 2	DATE	DATE
DESIGN-DETAILED		REVISIONS 3	DATE	DATE
DESIGN-DETAILED		REVISIONS 4	DATE	DATE
DESIGN-DETAILED		FIELD CHANGES	DATE	DATE
SPRING BROOK BRIDGE SPRING BROOK CAMDEN KNOX COUNTY STREAM CROSS SECTIONS				
SHEET NUMBER A18 OF A 25				

Username: Jeremiah.Brunelle

Date:1/23/2020

Division: BRIDGE

Filename: ... \MSTAO19_XSECT_0+60_003.dgn



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NHP-2260(800)	
	WIN	22608.00
	BRIDGE NO. 2794	BRIDGE PLANS

PROJ. MANAGER	ANDREW LATHE	BY	DATE
DESIGN-DETAILED	KON	J. Brunelle	07/2020
CHECKED-REVIEWED	CAC	MRP	07/2020
DESIGN-DETAILED	M. LUKAS		07/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SPRING BROOK BRIDGE	KNOX COUNTY
SPRING BROOK	
CAMDEN	
STREAM CROSS SECTIONS	

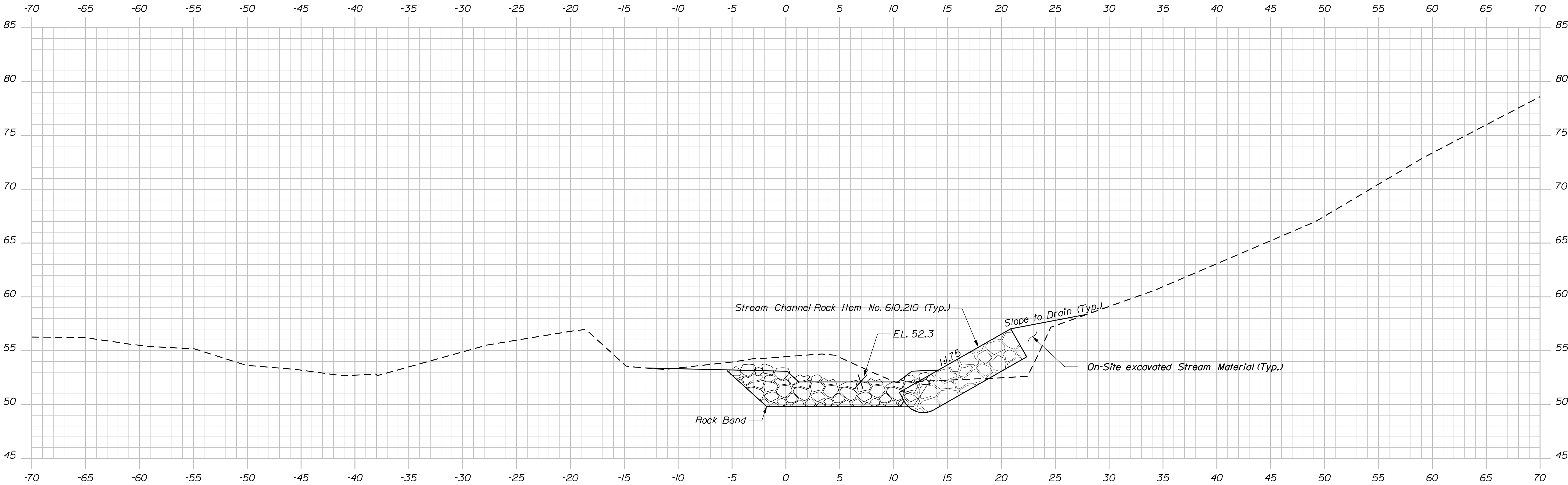
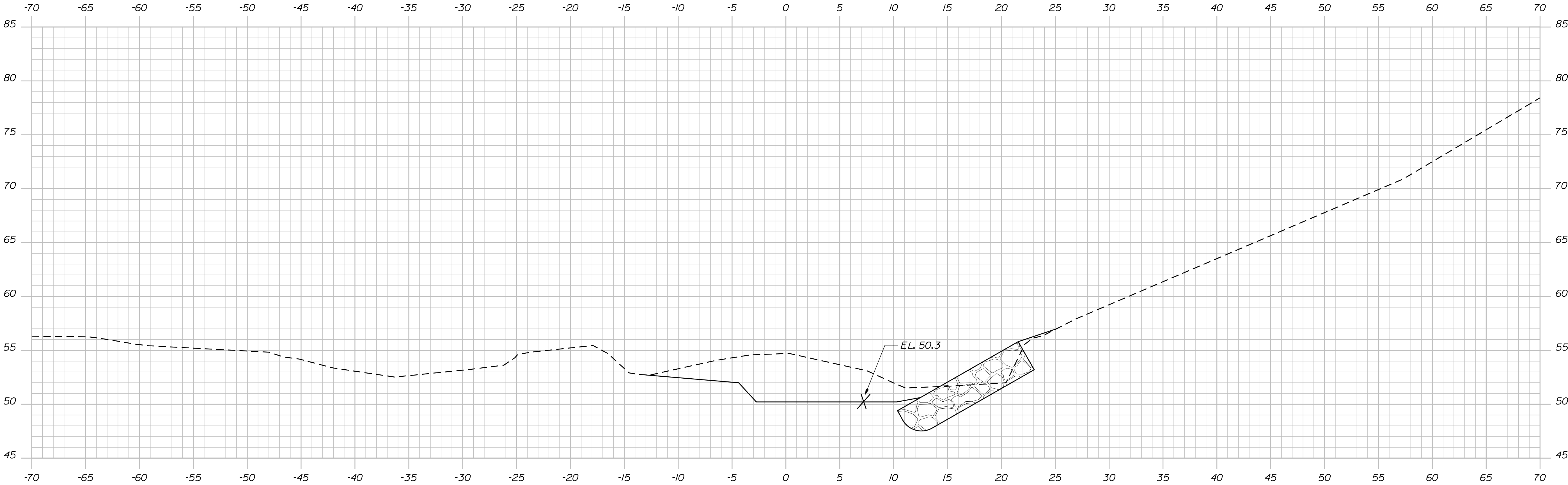
SHEET NUMBER
A19
OF A 25

Username: Jeremiah.Brunelle

Date:1/23/2020

Division: BRIDGE

Filename: ... \MSTAN020_XSECT_0+80_004.dgn

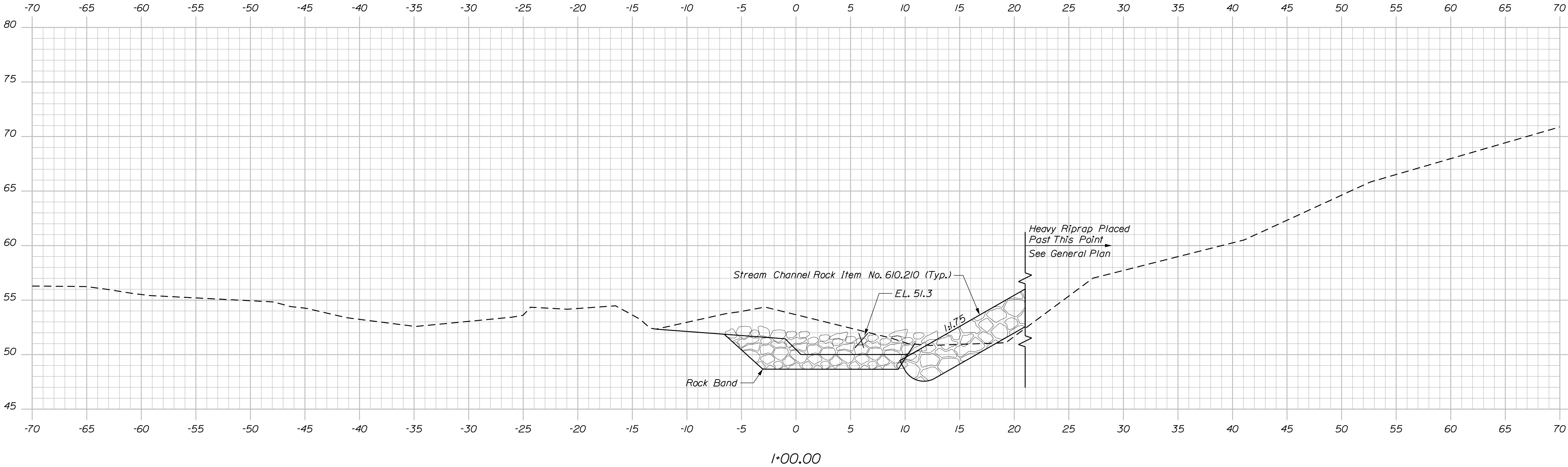
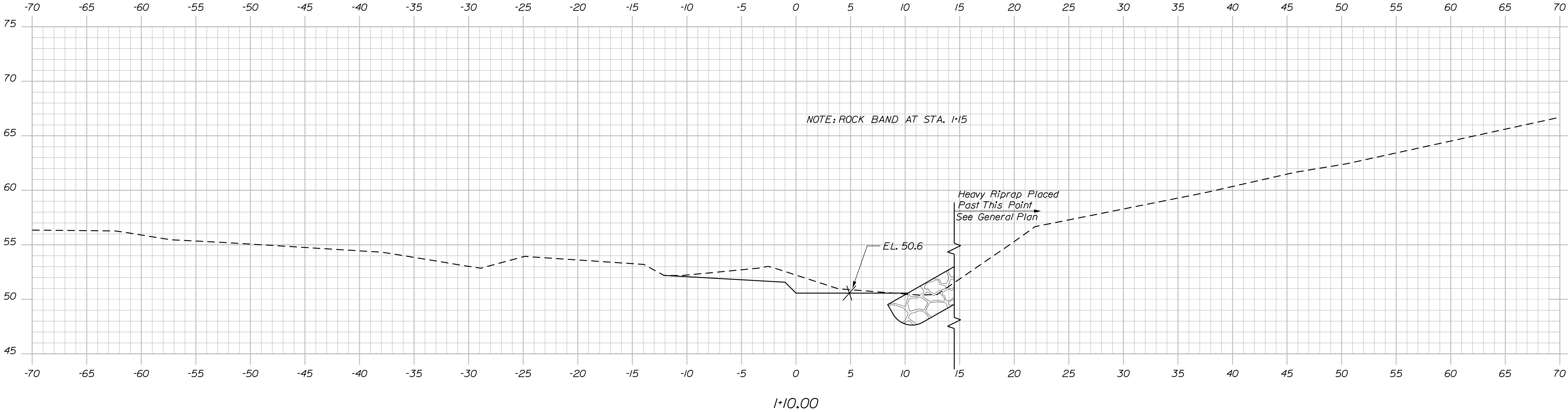


STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NHP-2260(800)	
	WIN	22608.00
	BRIDGE NO. 2794	BRIDGE PLANS

PROJ. MANAGER	ANDREW LATHE	BY	DATE
DESIGN-DETAILED	KON	J. Brunelle	07/2020
CHECKED-REVIEWED	GAC	MRP	07/2020
DESIGN-DETAILED	M. LUKAS		07/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SPRING BROOK BRIDGE SPRING BROOK CAMDEN	KNOX COUNTY
STREAM CROSS SECTIONS	

SHEET NUMBER
A20
OF A 25



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NHP-2260(800)		SIGNATURE	
WIN		P.E. NUMBER	
22608.00		DATE	
BRIDGE NO. 2794		FIELD CHANGES	
BRIDGE PLANS			

SPRING BROOK BRIDGE

SPRING BROOK

CAMDEN

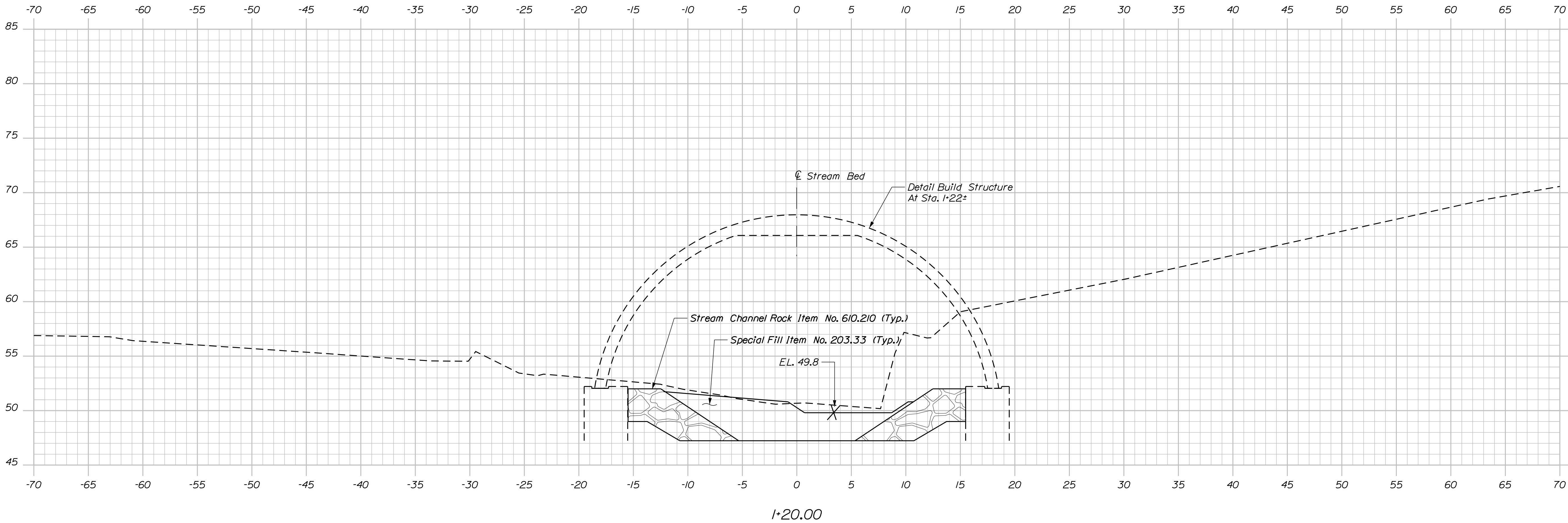
KNOX COUNTY

STREAM CROSS SECTIONS

SHEET NUMBER

A21

OF A 25

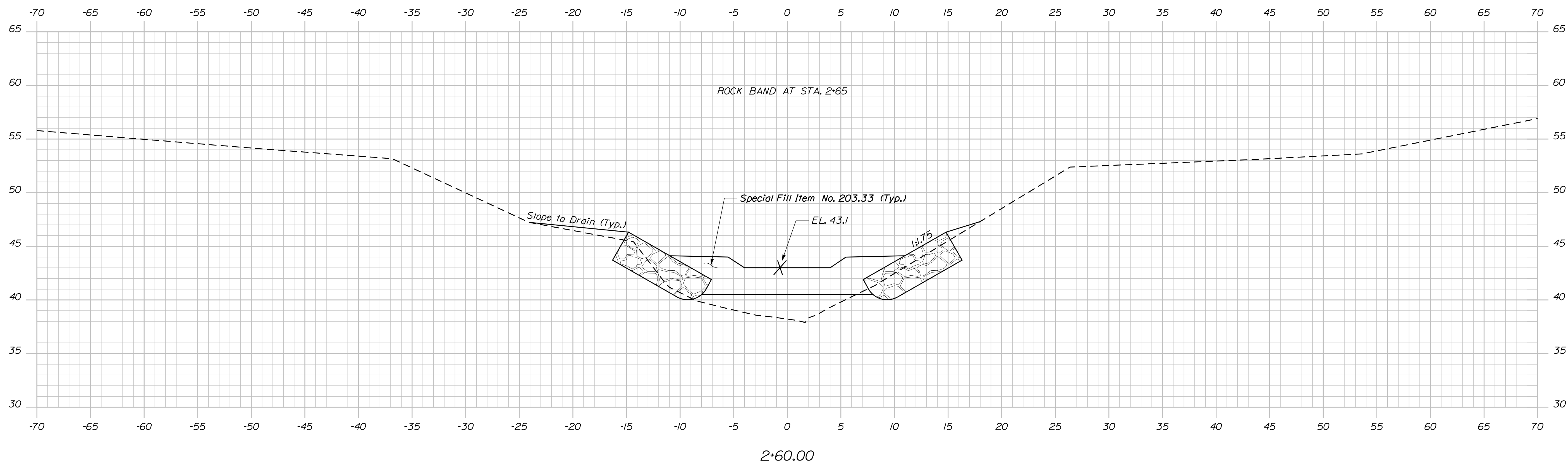
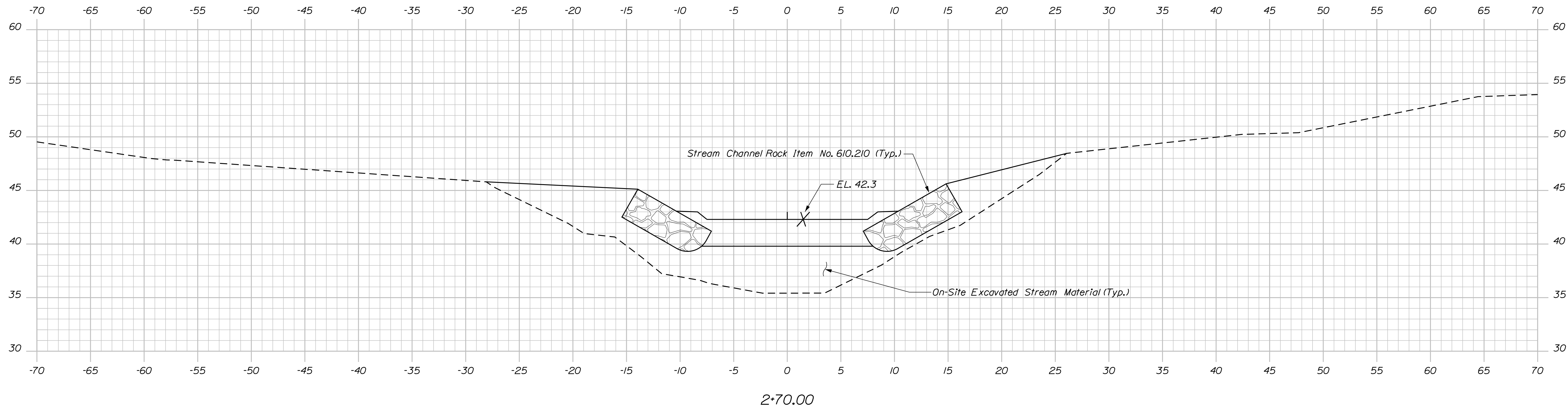


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NHPP-2260(800)
BRIDGE NO. 2794
WIN
22608.00
BRIDGE PLANS

PROJ. MANAGER	ANDREW LATHE	BY	DATE
DESIGN-DETAILED	KON	J. Brunelle	01/2020
CHECKED-REVIEWED	CAC	MRP	01/2020
DESIGN-DETAILED	M. Lickus		01/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SPRING BROOK BRIDGE	KNOX COUNTY
SPRING BROOK	
CAMDEN	
STREAM CROSS SECTIONS	

SHEET NUMBER
A22
OF A 25



Date: 1/23/2020

Username: Jeremiah.Brunelle

Division: BRIDGE

Filename: ... \MSTA\023_XSECT_2+50_007.dgn

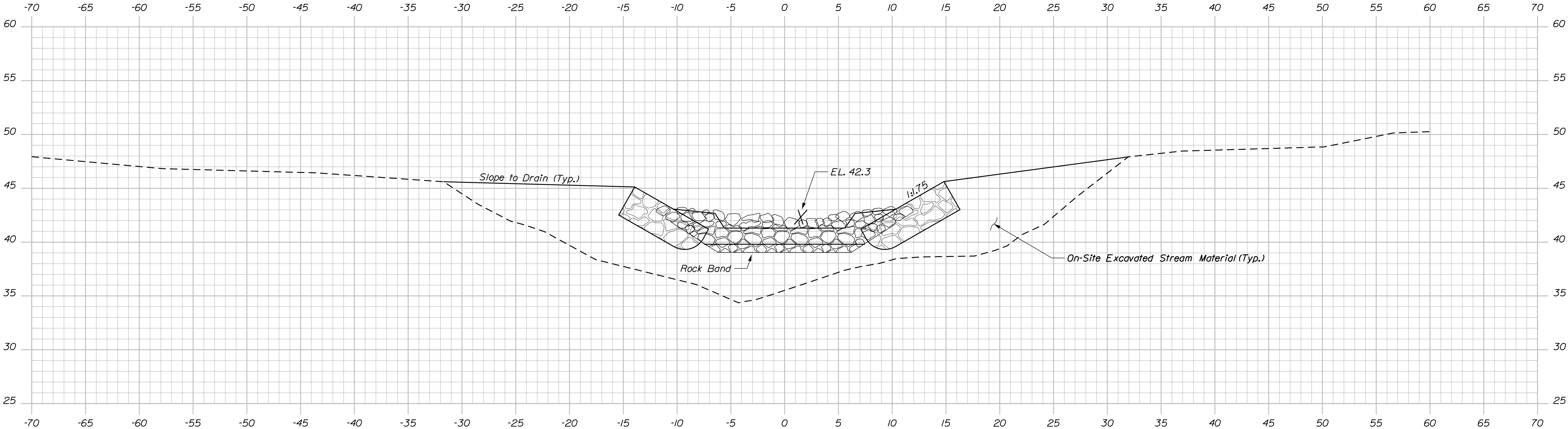
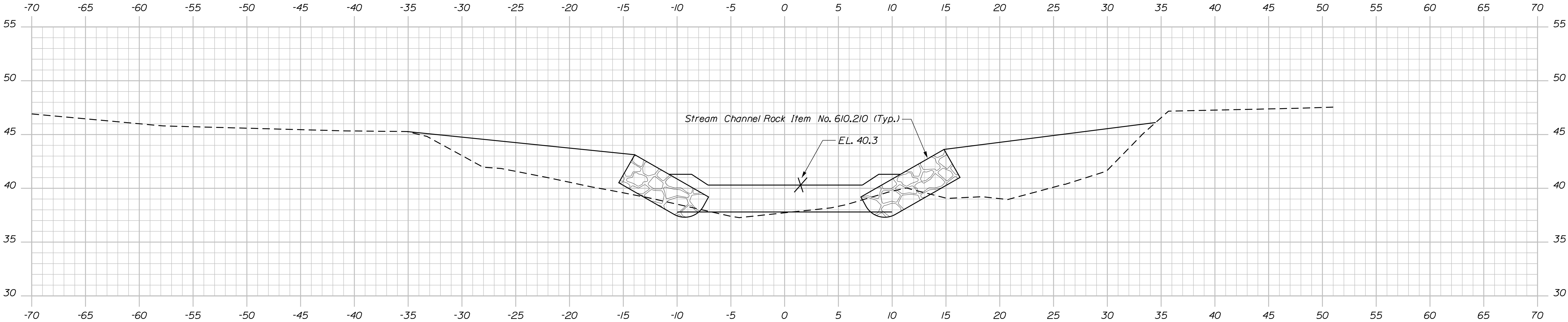
A23 OF A 25		SHEET NUMBER		SPRING BROOK BRIDGE SPRING BROOK KNOX COUNTY CAMDEN		PROJ. MANAGER ANDREW LATHE		BY DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION NHPP-2260(800)			
A23 OF A 25		SHEET NUMBER		SPRING BROOK BRIDGE SPRING BROOK KNOX COUNTY CAMDEN		DESIGN-DETAILED KCN CHECKED-REVIEWED CAC DESIGN2-DETAILED2 M. Lohus DESIGN3-DETAILED3		07/2020 07/2020 07/2020		J. Brunelle MRP SIGNATURE P.E. NUMBER DATE		BRIDGE NO. 2794 WIN 22608.00 BRIDGE PLANS	

Username: Jeremiah.Brunelle

Date:1/23/2020

Division: BRIDGE

Filename: ... \MSTAN024_XSECT_2+70_008.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NHPP-2260(800)

WIN
22608.00

BRIDGE NO. 2794

BRIDGE PLANS

PROJ. MANAGER	ANDREW LATHE	BY	DATE
CHECKED-REVIEWED	KON	J. Brunelle	01/2020
DESIGNED-DETAILED	GAC	MRP	01/2020
DESIGNED-DETAILED	M. LUKAS		01/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SPRING BROOK BRIDGE
SPRING BROOK
CAMDEN

KNOX COUNTY

STREAM CROSS SECTIONS

SHEET NUMBER

A24

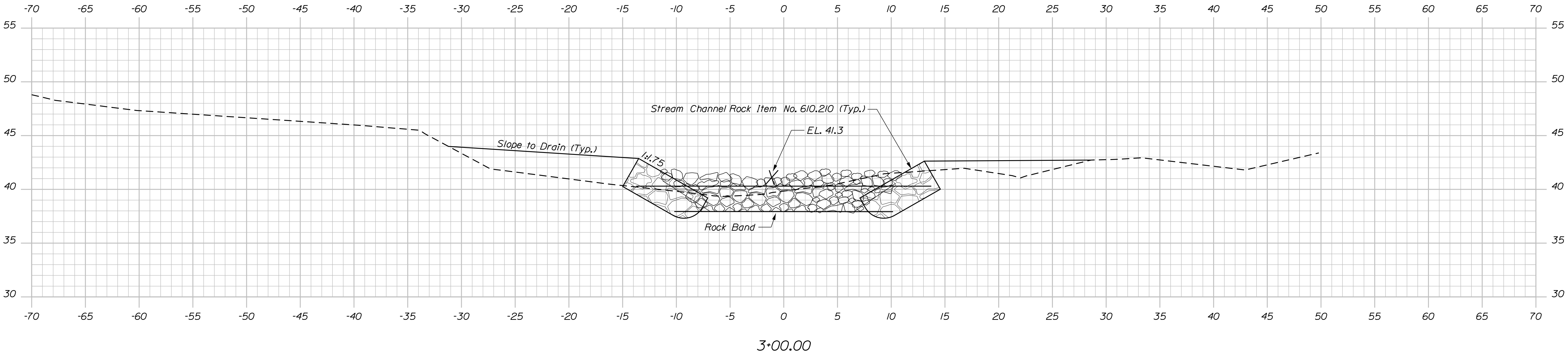
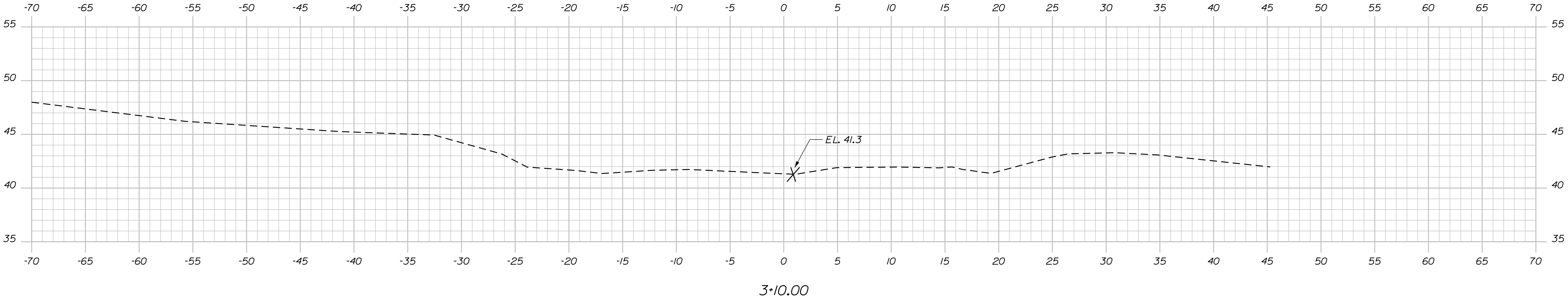
OF A 25

Username: Jeremiah.Brunelle

Date:1/23/2020

Division: BRIDGE

Filename: ... \MSTAD25_XSECT_2+90_009.dgn



PROJ. MANAGER	ANDREW LATHE	BY	DATE
DESIGN-DETAILED	KON	J. Brunelle	01/2020
CHECKED-REVIEWED	CAC	MRP	01/2020
DESIGN-DETAILED	M. Lickus		01/2020
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			