

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



TRAFFIC DATA

Current (2018) AADT	200
Future (2038) AADT	220
DHV - % of AADT	12
Design Hour Volume	26
Heavy Trucks (% of AADT)	8
Heavy Trucks (% of DHV)	5
Directional Distribution (% of DHV)	51
18 kip Equivalent P 2.0	10
18 kip Equivalent P 2.5	10
Design Speed (mph)	45

MATERIALS

Concrete:
 All Other Class "A"
 Reinforcing Steel ASTM A 615/A 615M, Grade 60

Structural Steel:
 Refer to project special provisions

BASIC DESIGN STRESSES

Concrete f'c = 4000 psi
 Reinforcing Steel f_y = 60,000 psi
 Structural Steel:
 Refer to project special provisions

JONESBORO WASHINGTON COUNTY DRISKO BRIDGE OVER CHANDLER RIVER STATION ROAD FEDERAL AID PROJECT NO. 2355700 PROJECT LENGTH 0.000 mi. BRIDGE NO. 3956

LIST OF DRAWINGS

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Estimated Quantities & General Construction Notes	2
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Profile	4
Boring Location Plan & Interpretive Subsurface Profile	5
Boring Logs	6
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UTILITIES

Emera Maine
 West Penobscot Telephone Company

MAINTENANCE OF TRAFFIC

Maintain one lane of alternating traffic during work hours
 and two lanes of traffic during non-working hours.

<u>PROJECT LOCATION</u>	Drisko Bridge (#3956) over Chandler River. Located 0.13 of a mile northeast of Geel Lane. Lat./Long. 44°40'0.7" N 67°36'45.2" W
<u>PROGRAM AREA</u>	Highway Bridges-Traditional
<u>OUTLINE OF WORK</u>	Bridge Substructure Rehabilitation

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

STATE OF MAINE
MARK GRAY
No. 3997
LICENSEE
PROFESSIONAL ENGINEER
<i>[Signature]</i>
SIGNATURE
3997
P.E. NUMBER
8-26-2020
DATE

PROJECT INFORMATION
PROGRAM
PROJECT MANAGER
DESIGNER
CONSULTANT
PROJECT RESIDENT
CONTRACTOR
PROJECT COMPLETION DATE

JONESBORO
DRISKO BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 8

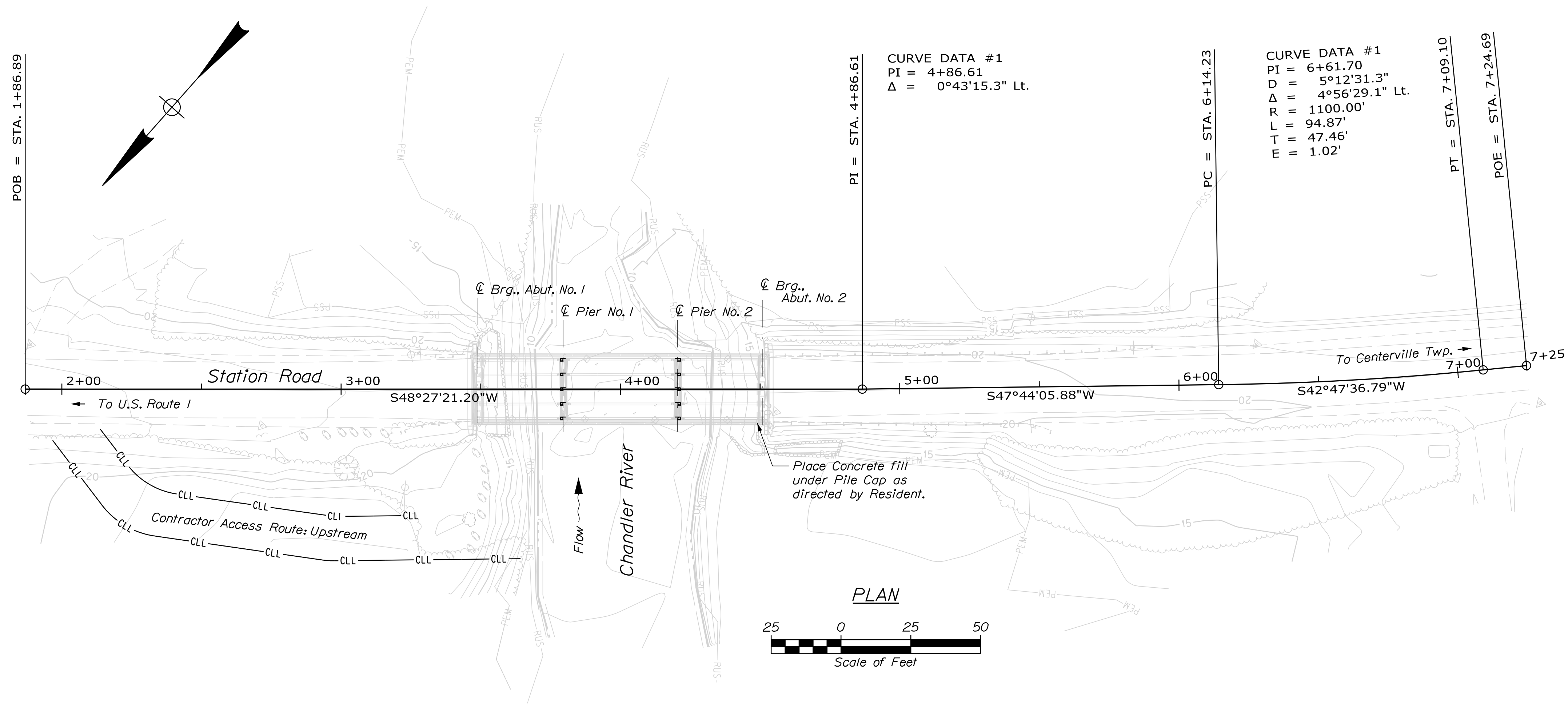
023557.00 WIN 023557.00

Date: 8/26/2020

Username: Armand.J.Paradis

Division: BRIDGE

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



SHEET NUMBER

3

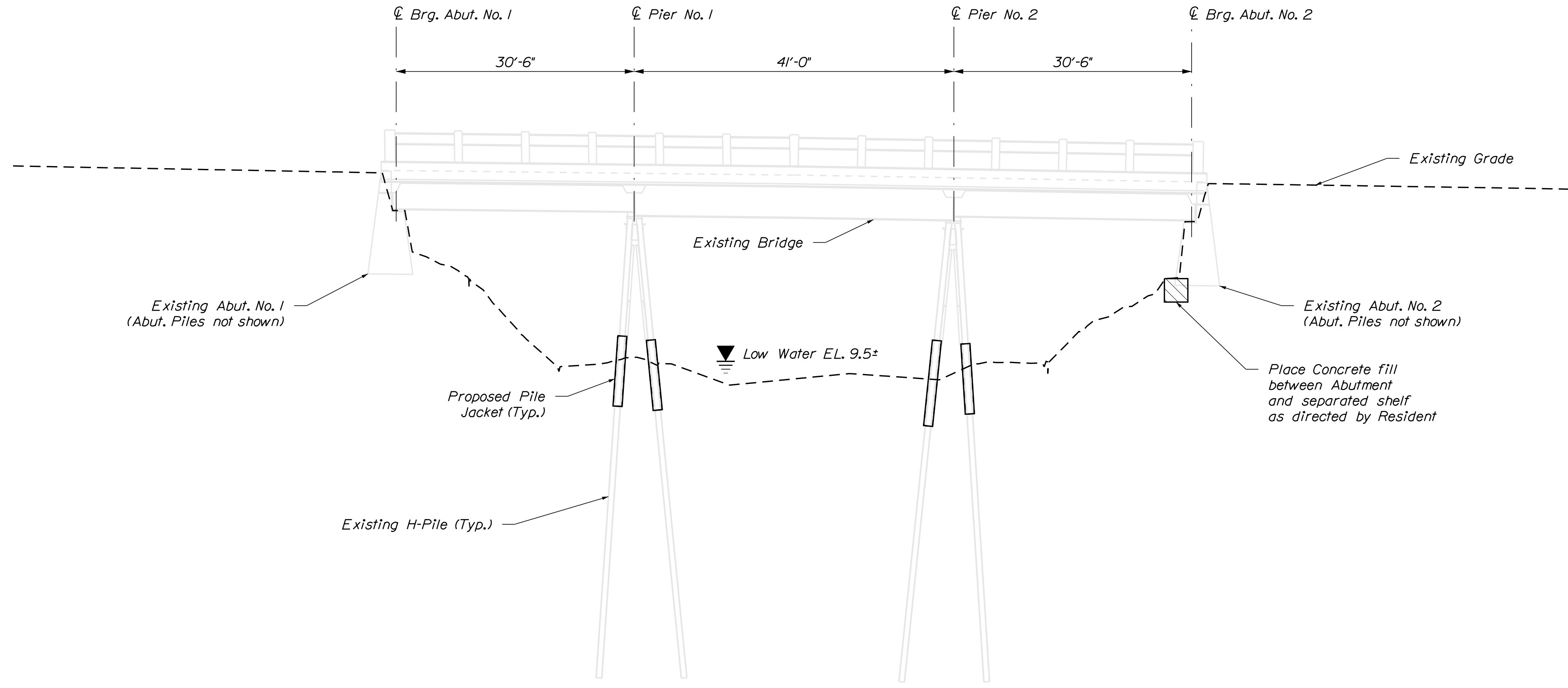
OF 8

DRISKO BRIDGE
CHANDLER RIVER
WASHINGTON COUNTY
JONESBORO
PLAN

PROJ. MANAGER	J. STETSON	BY	DATE
DESIGN DETAILED	M. GRAY	A. PARADIS	AUG 2020
CHECKED-REVIEWED	R. MYERS	J. STETSON	AUG 2020
DESIGN DETAILED	L. KRUSINSKI	T. WHITE	SEP 2019
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
023557.00
BRIDGE NO. 3956
WIN
023557.00
BRIDGE PLANS



PROFILE
(Shown at 2:1 vertical exaggeration)

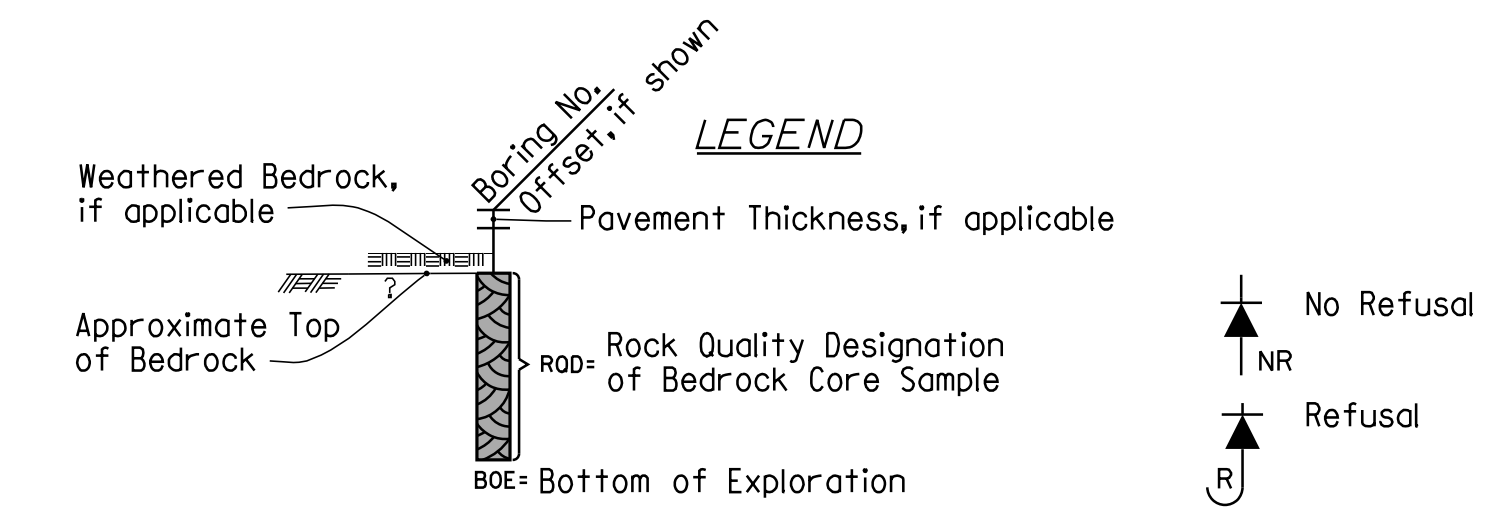
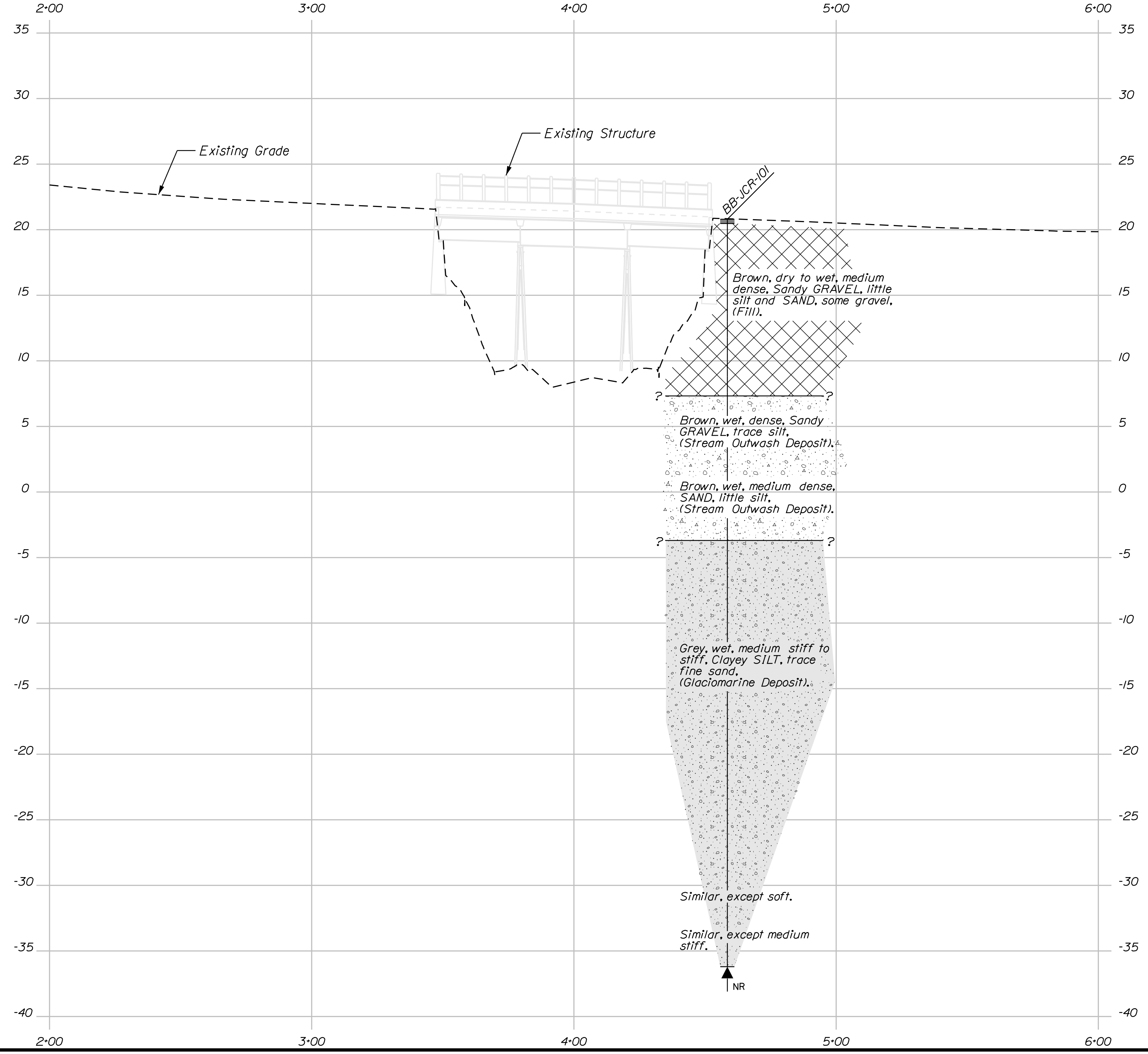
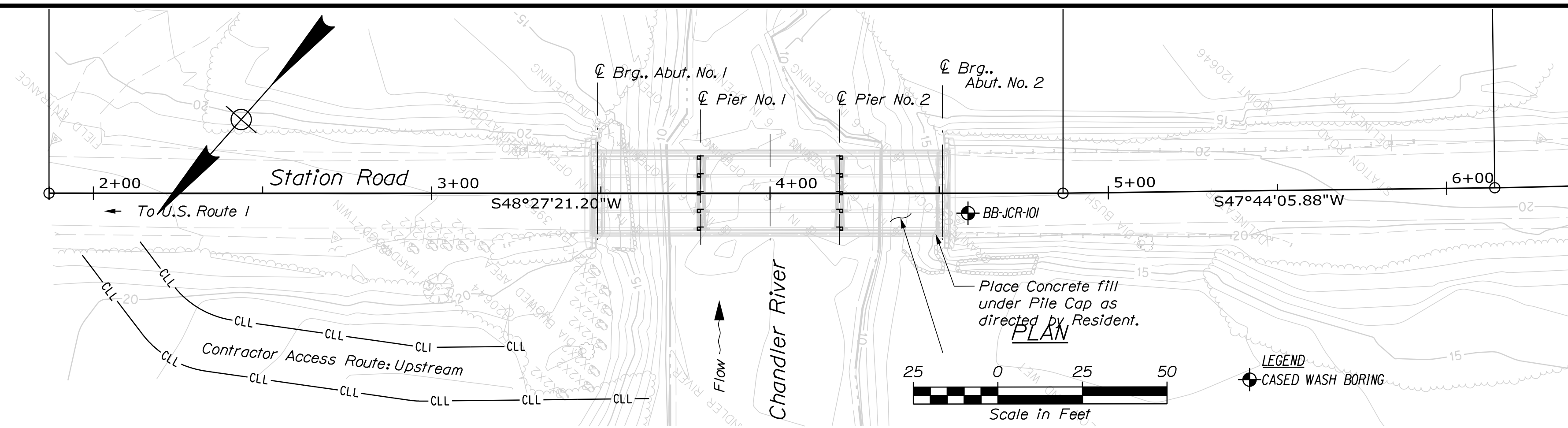
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
023557.00
BRIDGE NO. 3956 WIN
023557.00 BRIDGE PLANS

DESIGNED	J. STETSON	AUG 2020
CHECKED	A. PARADIS	AUG 2020
DESIGNED	R. MYERS	AUG 2020
DESIGNED	L. KRUSINSKI	SEP 2019
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER	J. STETSON	BY	J. STETSON	DATE	
DESIGNED	M. GRAY	CHECKED	A. PARADIS	DATE	AUG 2020
DESIGNED	R. MYERS	CHECKED	J. STETSON	DATE	AUG 2020
DESIGNED	L. KRUSINSKI	CHECKED	T. WHITE	DATE	SEP 2019
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

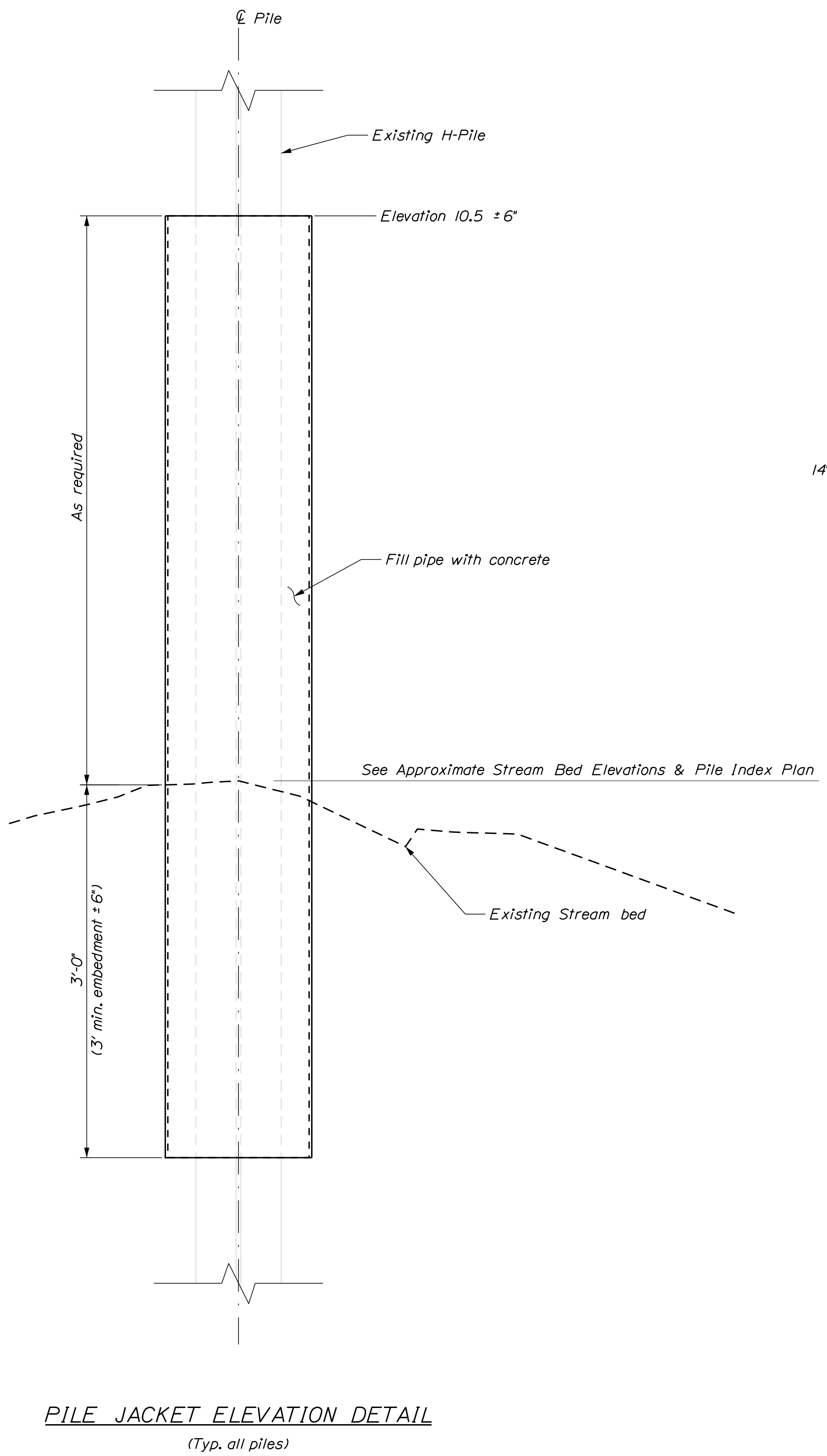
DRISKO BRIDGE
CHANDLER RIVER
WASHINGTON COUNTY
JONESBORO
PROFILE

SHEET NUMBER
4
OF 8

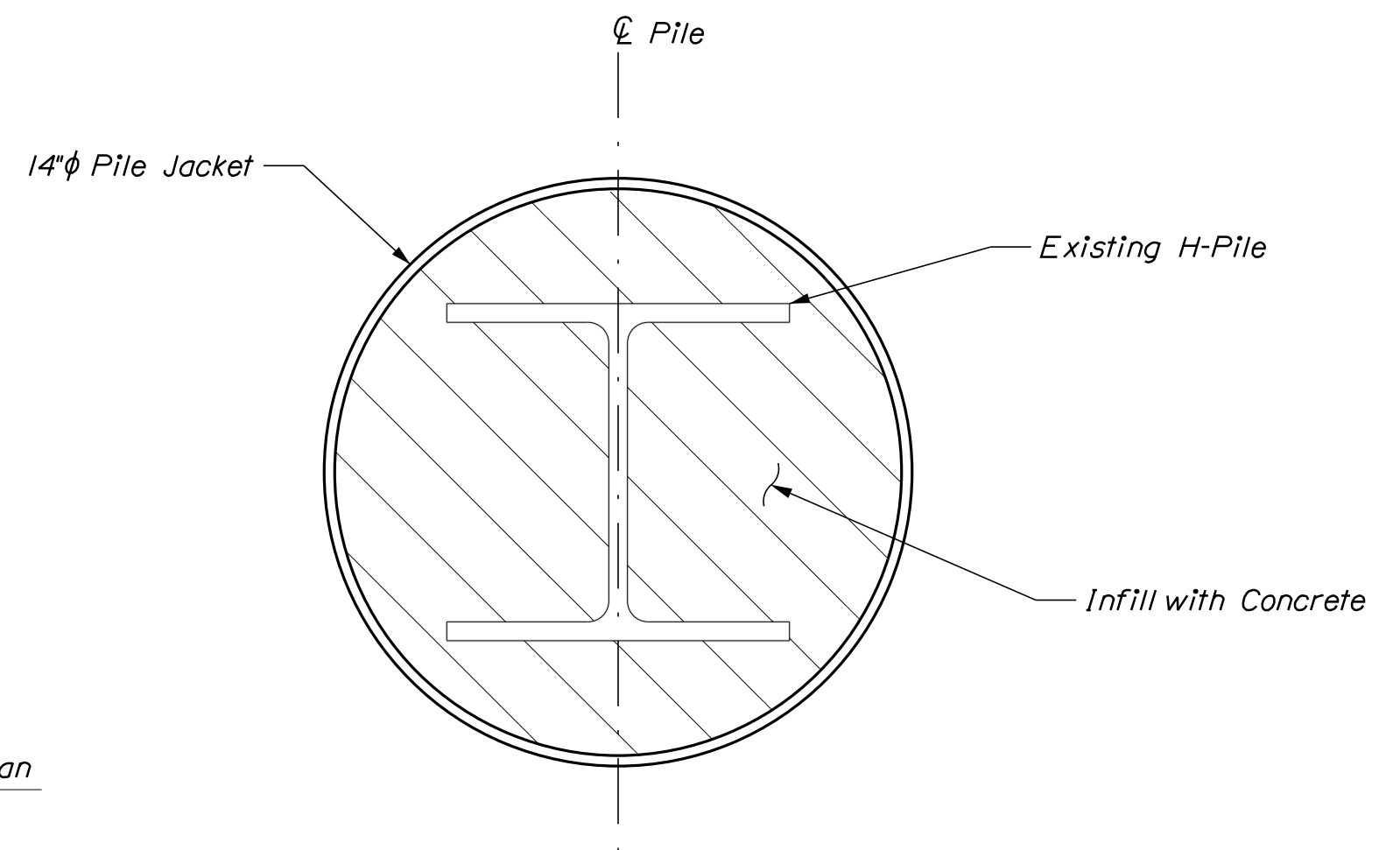


Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are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

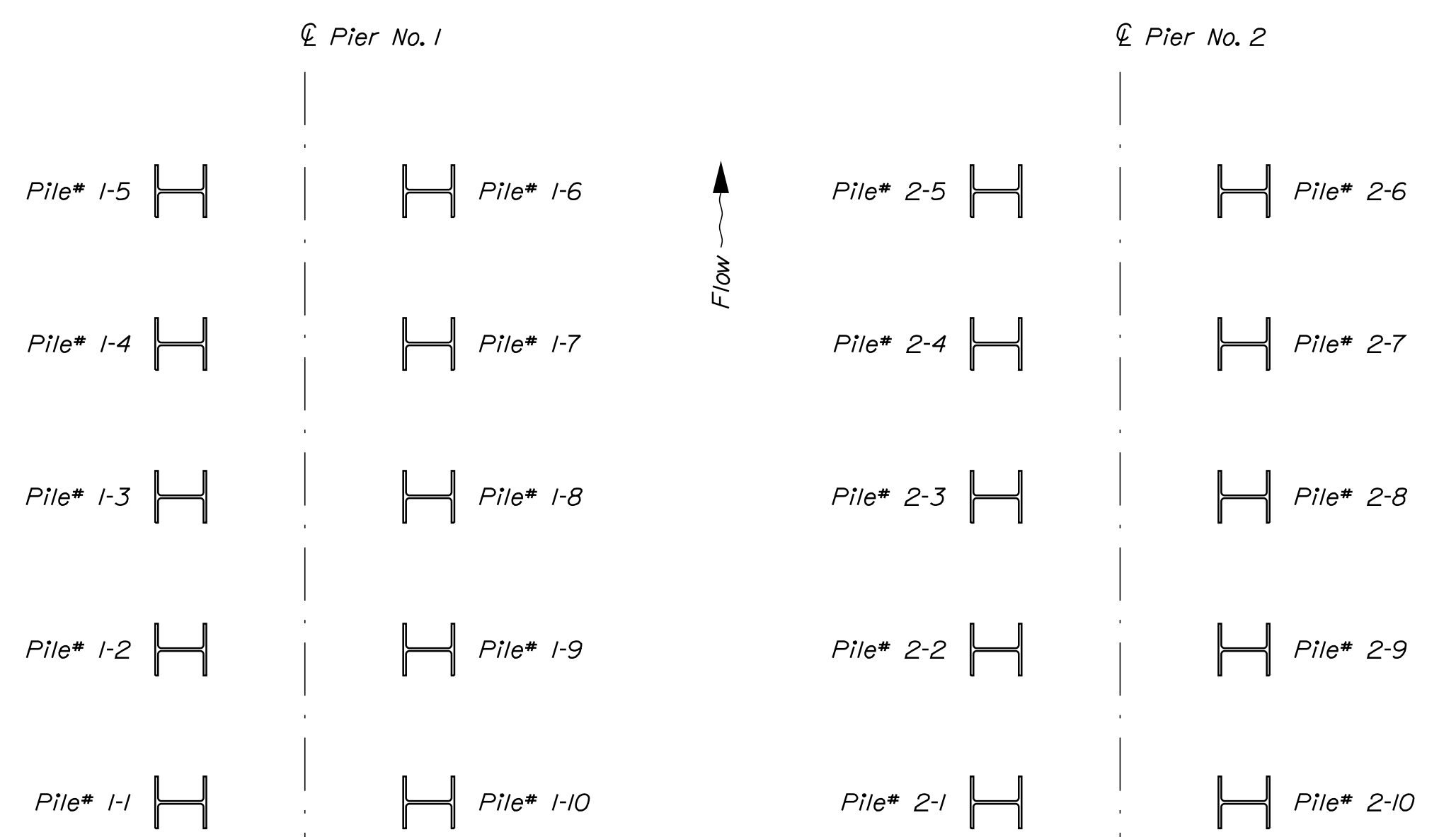
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
023557.00		WIN 023557.00	
BRIDGE NO. 3956		BRIDGE PLANS	
PROJ. MANAGER	DATE	CHECKED-REVIEWED	SIGNATURE
DESIGN-DETAILED	AUG 2020	DESIGN-REVIEWED	
DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1	P.E. NUMBER
REVISIONS 2		REVISIONS 2	DATE
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
DRISKO BRIDGE		WASHINGTON COUNTY	
CHANDLER RIVER		JONESBORO	
BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE			
SHEET NUMBER		5	
		OF 8	



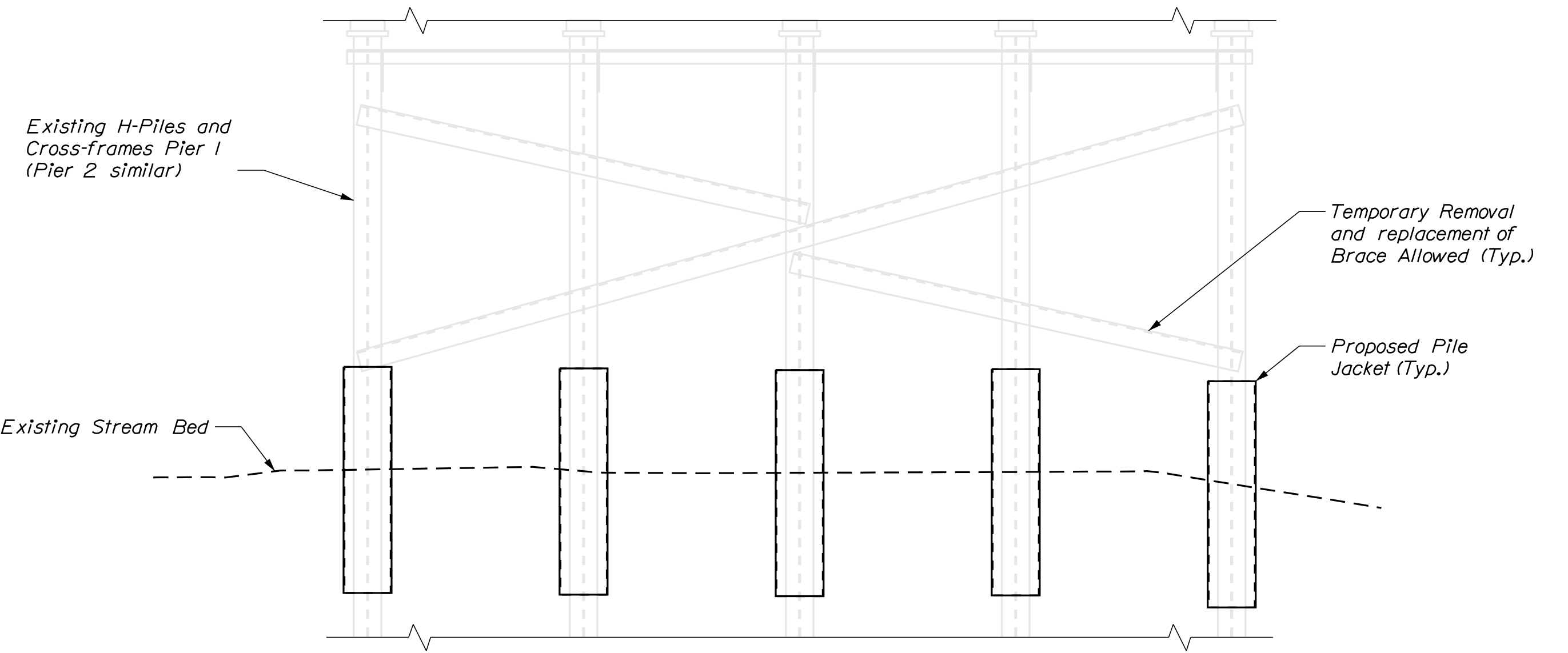
PILE JACKET ELEVATION DETAIL
(Typ. all piles)



PILE JACKET DETAIL
(Typ. all piles)



PILE INDEX PLAN
(Not to Scale)



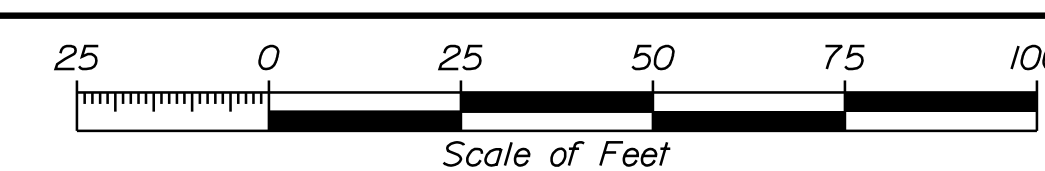
PIER ELEVATION
View looking upstation

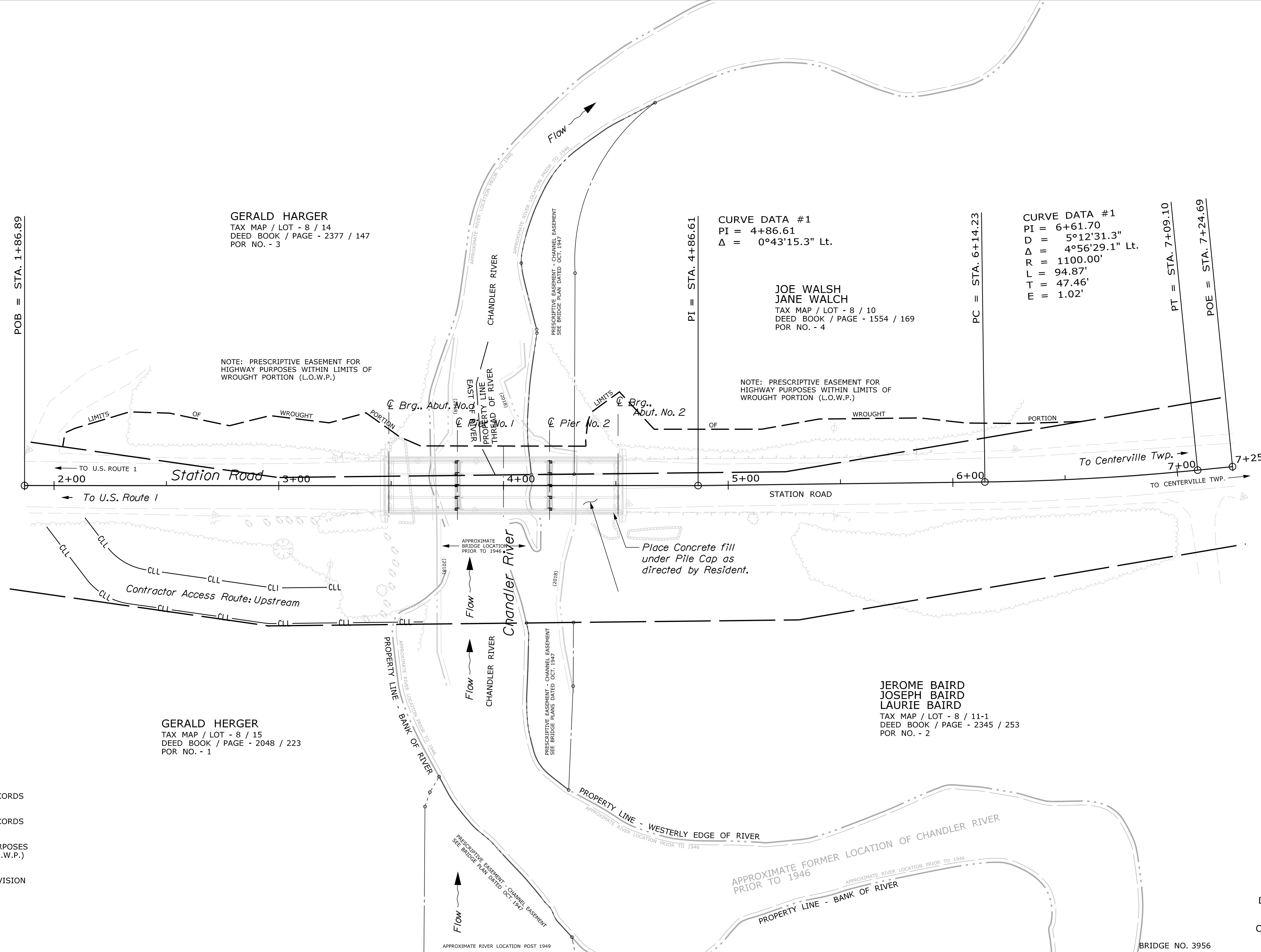
APPROXIMATE STREAM BED ELEVATIONS

Pile#	Elevation
1-1	= 8.7
1-2	= 9.1
1-3	= 9.3
1-4	= 9.4
1-5	= 9.1
1-6	= 9.3
1-7	= 9.3
1-8	= 9.3
1-9	= 8.9
1-10	= 7.8
2-1	= 7.6
2-2	= 7.5
2-3	= 7.4
2-4	= 8.2
2-5	= 8.2
2-6	= 8.7
2-7	= 8.7
2-8	= 8.0
2-9	= 8.0
2-10	= 7.5

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		023557.00	WIN 023557.00	BRIDGE NO. 3956 BRIDGE PLANS
DRISKO BRIDGE CHANDLER RIVER WASHINGTON COUNTY JONESBORO		SECTIONS & DETAILS		
PROJ. MANAGER	J. STETSON	BY	DATE	
DESIGN DETAILED	M. GRAY	A. PARADIS	AUG 2020	SIGNATURE
CHECKED/REVIEWED	R. MYERS	J. STETSON	AUG 2020	
DESIGN DETAILED	L. KRUSINSKI	T. WHITE	SEP 2019	P.E. NUMBER
REVISIONS 1				DATE
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				
SHEET NUMBER				
7				
OF 8				

Filename: ... \000\ROW\MSTA\008_RWPLAN1.dgn Division: BRIDGE Username: Armand.J.Paradis Date: 8/20/2020

Town, County, State _____ Approx. Property Lines _____ Existing Right of Way _____ Limits of Wrought Portion _____ Control Of Access _____ New Right of Way _____ New Easement _____ New Temporary Rights _____ New R/W Within Existing R/W _____	New R/W Along Existing R/W _____ Building _____ Trees Conifer _____ Tree Line _____ Water Edge _____ Ledge _____ Fence CHAIN LINK _____ Sign _____ Clearing Limit Line _____ Bush Line _____ Rock/Boulder _____ BARB WIRE _____ STOCKADE _____ Well _____ Flag Pole _____ Mailbox _____	PLAN LEGEND Existing Proposed Sanitary Sewer _____ Telephone Line _____ Electric Line _____ Water Line _____ Underdrain Line _____ Gas Line _____ Guardrail _____ Culvert _____ Traveled Way _____ Ditch _____ Catch Basin _____ Manhole _____ Sewer Manhole _____ Utility Pole _____ Fire Hydrant _____ Curbing _____ Cut Line _____ Stonewall _____ Baseline _____ Monument _____ Iron Rod Found _____ Replacement Pin Set _____ Fill Line _____ Retaining Wall _____ Traverse Point _____ Pipe Found _____	STATE OF MAINE REGISTRY OF DEEDS COUNTY _____ RECEIVED _____ at _____ h _____ m _____ M and recorded in _____ Plan Book _____, Page _____ Attest: _____ REGISTER	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 ADJACENT PROPERTY OWNERS. 
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- EXISTING CONDITIONS INFORMATION**
- EXISTING RIGHT OF WAY
 - WASHINGTON COUNTY COMMISSIONERS RECORDS VOLUME 3, PAGE 453 YEAR 1852 AND 4 RODS WIDE (66')
 - WASHINGTON COUNTY COMMISSIONERS RECORDS VOLUME 3, PAGE 499 YEAR 1853 AND 4 RODS WIDE (66')
 - PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)
 - BRIDGE PLANS INFORMATION
 - STATE HIGHWAY COMMISSION - BRIDGE DIVISION DRISKO BRIDGE OF CHANDLER RIVER JONESBORO, WASHINGTON COUNTY DATED JUNE 1946
 - MISC. RECORDED PLANS OF THE AREA
 - PLAN BOOK 4, PAGE 65
 - PLAN BOOK 9, PAGE 21
 - PLAN BOOK 11, PAGE 68

PRELIMINARY PLAN

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	
FINAL RIGHT OF WAY	G.L.L.	
AREAS		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-024-3460
JONESBORO
RIGHT OF WAY MAP

REVISIONS			PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD				BRUCE A. VAN NOTE COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER DATE	TOWNWAY		SHEET NUMBER
NO.	DATE	DESCRIPTION	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	NO.	DATE		JONESBORO WASHINGTON COUNTY FEDERAL AID PROJECT NO. 2355700	RIGHT-OF-WAY MAP SHEET 1 OF 1	

JUNE 2019
SCALE 1" = 25'

D.O.T. FILE NO. 15-TBD