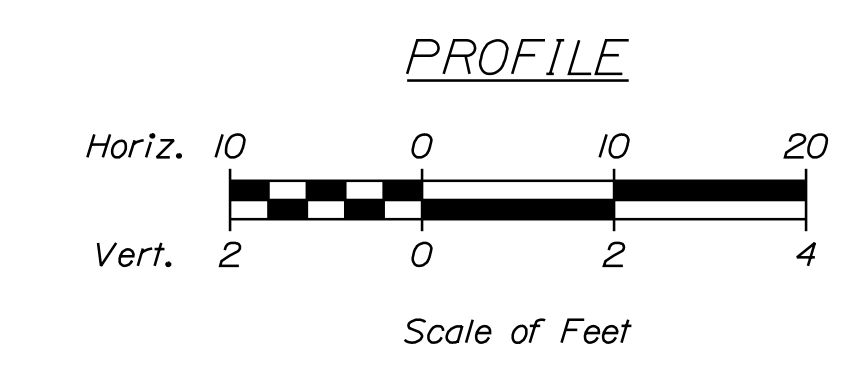
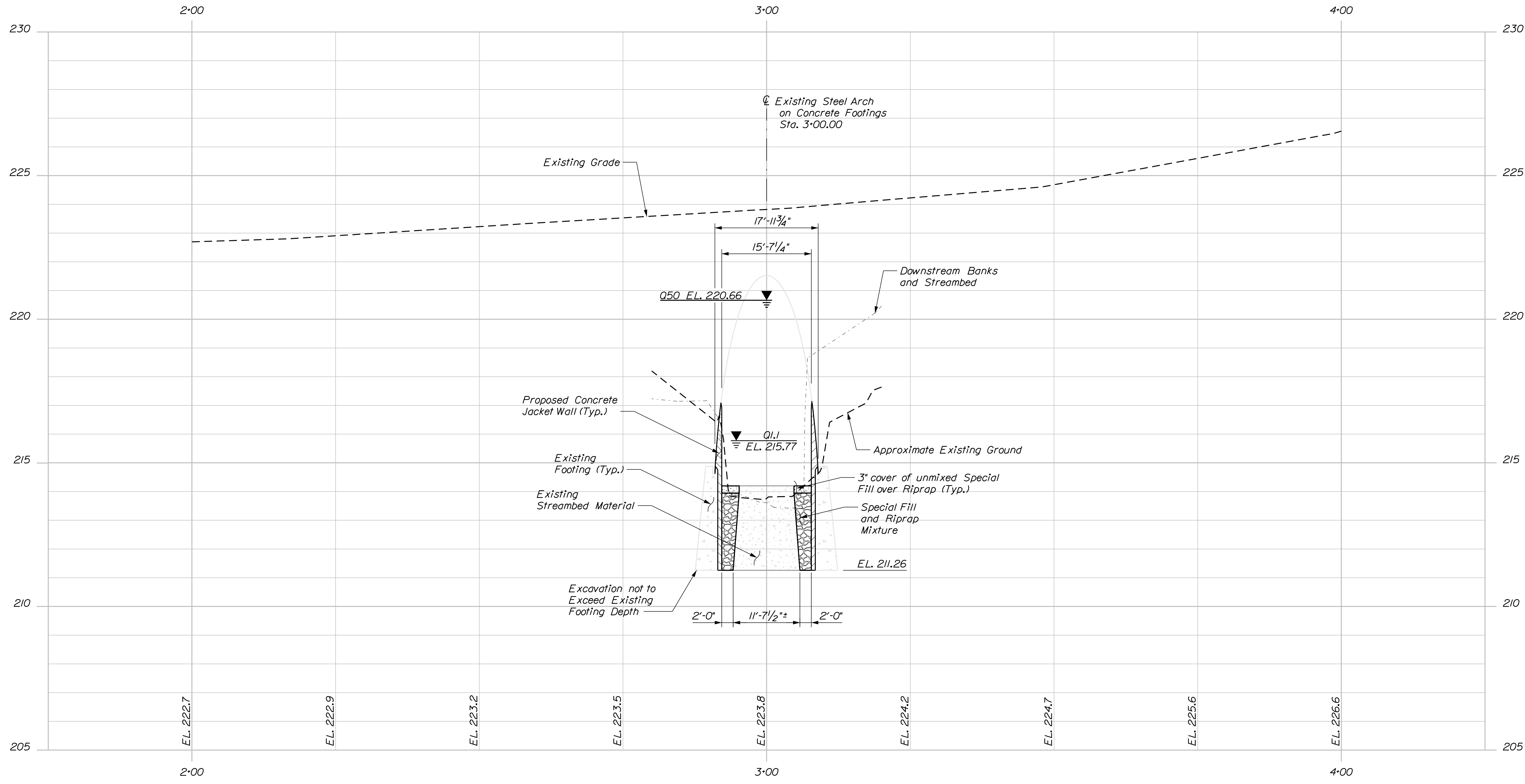


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-2174(800)		BRIDGE NO. 6574	
WIN		21748.00	
BRIDGE PLANS			
BICKFORD BRIDGE		SHEET NUMBER	
MAPLE MEADOW STREAM		3	
SEARSMONT		OF 9	
WALDO COUNTY			
GENERAL PLAN			
PROJ. MANAGER	J. STILWELL	BY	J. LEAVITT
DESIGN-DETAILED	J. STILWELL	DATE	11/2018
CHECKED-REVIEWED	K. WENTWORTH	SIGNATURE	
DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-2174(800)	
BICKFORD BRIDGE MAPLE MEADOW STREAM SEARSMONT WALDO COUNTY		PROFILE	
SHEET NUMBER		BRIDGE NO. 6574	
4		WIN 21748.00	
OF 9		BRIDGE PLANS	

PROJ. MANAGER	J. STILWELL	BY	J. STILWELL	DATE	11/2018
DESIGN/DETAILED	J. STILWELL	BY	J. LEAVITT	DATE	11/2018
CHECKED/REVIEWED	K. WENTWORTH	BY	J. STILWELL	DATE	11/2018
DESIGN/DETAILED		BY		DATE	
REVISIONS 1		BY		DATE	
REVISIONS 2		BY		DATE	
REVISIONS 3		BY		DATE	
REVISIONS 4		BY		DATE	
FIELD CHANGES		BY		DATE	

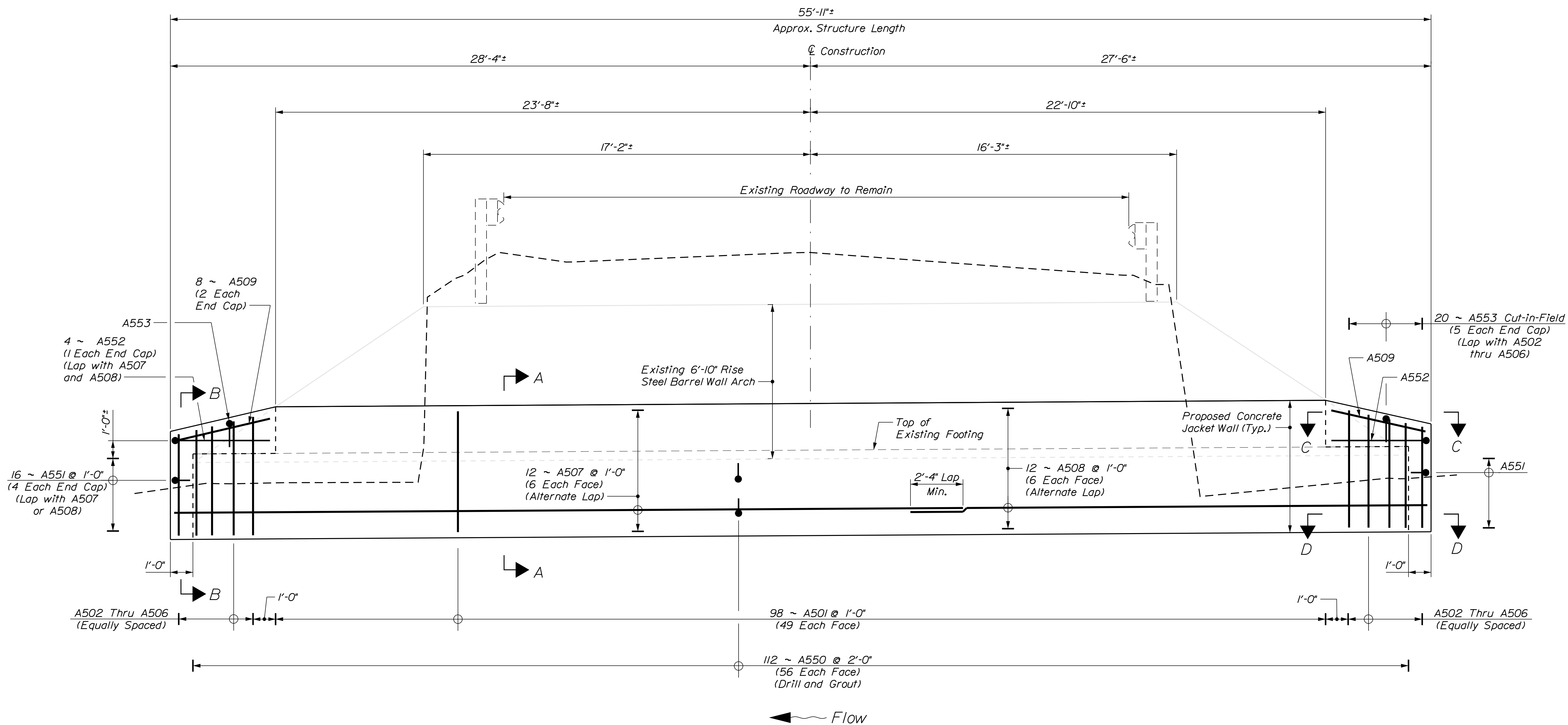
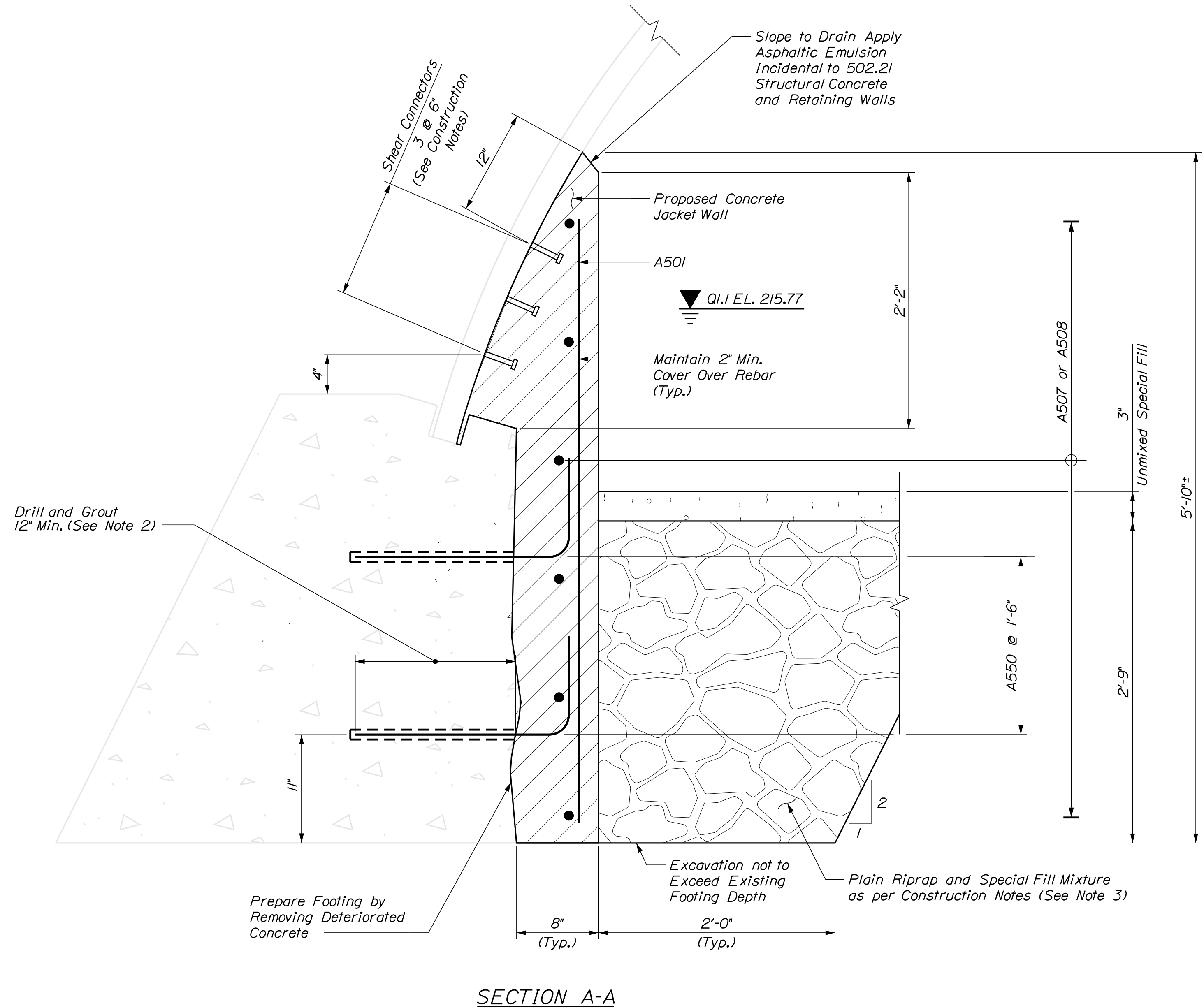
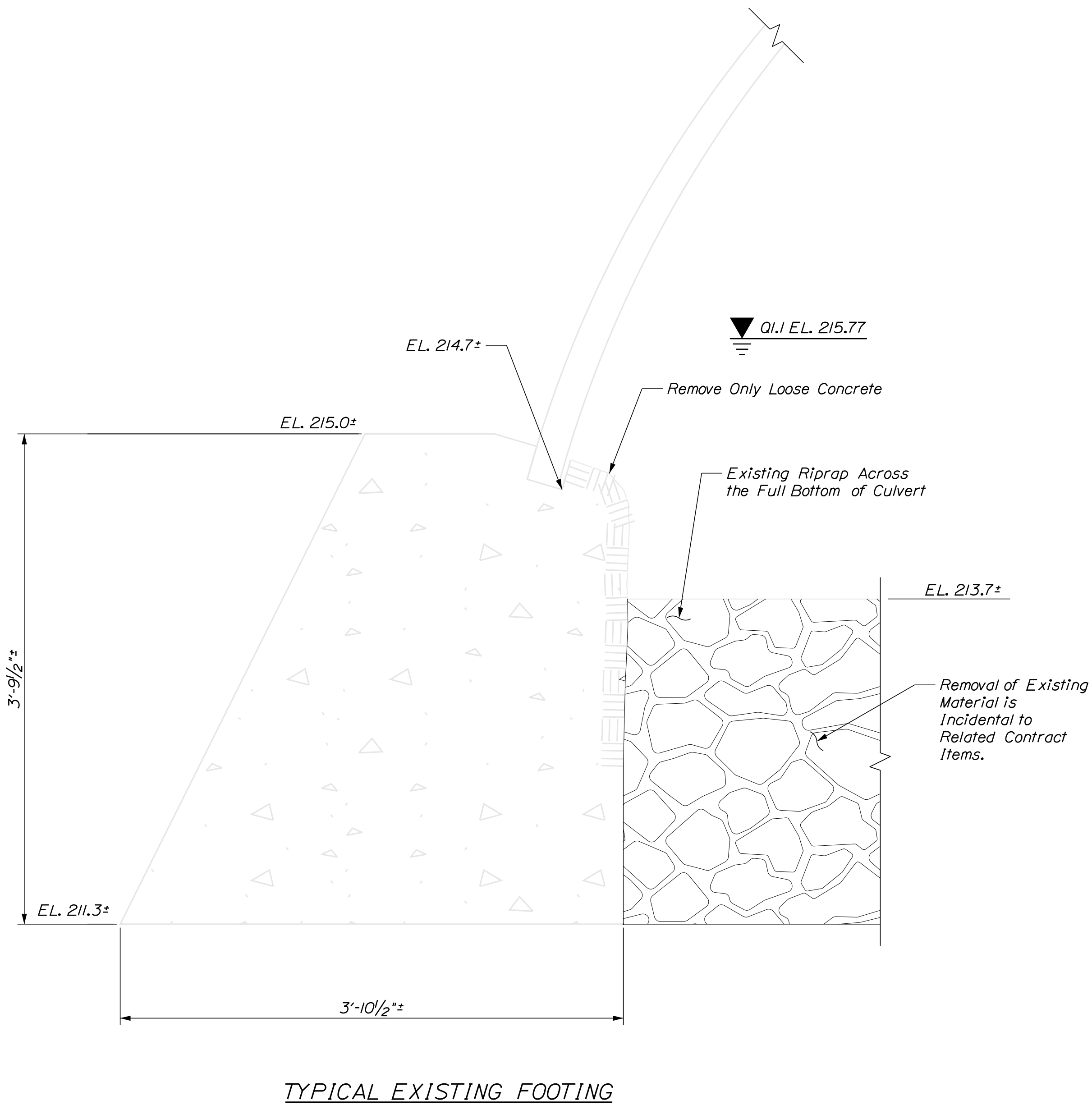


PLATE ARCH FOOTING ELEVATION LONGITUDINAL SECTION
 Northerly Footing Shown ~ Southerly Footing, Opposite Hand
 Sta. 3+00.00 at 10 Degree Skew

NOTES

1. See Culvert Details Sheet for Section A-A.
2. See End Cap Details Sheet for Sections B-B, C-C and D-D.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-2174(800)		WIN 21748.00		BRIDGE NO. 6574 BRIDGE PLANS	
BICKFORD BRIDGE		MAPLE MEADOW STREAM		WALDO COUNTY		SEARSMONT		CULVERT SECTION	
PROJ. MANAGER		J. STILLWELL		BY		J. LEAVITT		DATE	
DESIGN DETAILED		J. STILLWELL		CHECKED		K. WENTWORTH		DATE	
DESIGN REVIEWED		K. WENTWORTH		DESIGN DETAILED		DESIGN DETAILED		SIGNATURE	
REVISIONS 1				REVISIONS 1				P.E. NUMBER	
REVISIONS 2				REVISIONS 2				DATE	
REVISIONS 3				REVISIONS 3					
REVISIONS 4				REVISIONS 4					
FIELD CHANGES				FIELD CHANGES					
SHEET NUMBER									
5									
OF 9									



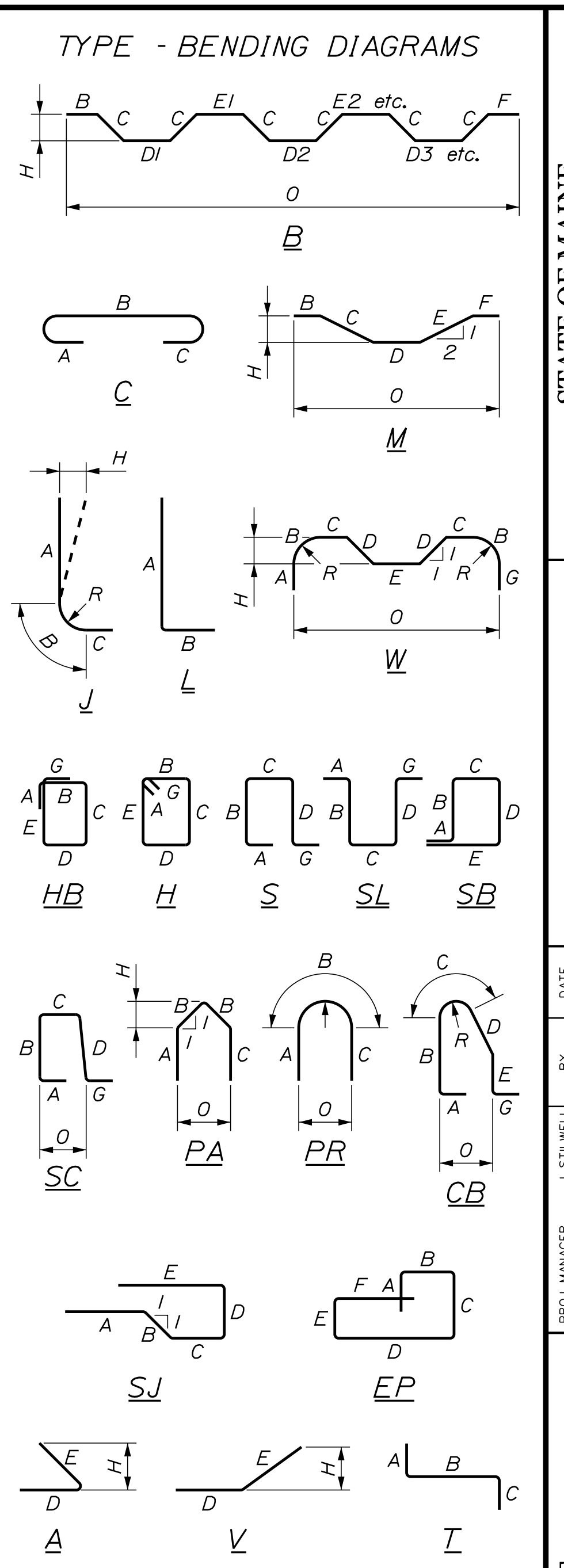
CONSTRUCTION NOTES

1. Three rows of shear connectors shall be spaced longitudinally at 12" spacing along each side of culvert. Shear connectors shall be 1/2" diameter x 3" studs welded to the crests of the corrugations.
2. Payment for drilling and grouting of reinforcing steel will not be paid for directly, but shall be considered incidental to related Contract Items.
3. Special Fill and Plain Riprap shall be mixed as required in Special Provision Section 203 Special Fill (Streambed Material).

PROJ. MANAGER	J. STILWELL	BY	J. STILWELL	DATE	11/2018
DESIGN DETAILED	J. STILWELL	J. LEAVITT	J. STILWELL	SIGNATURE	
CHECKED/REVIEWED	K. WENTWORTH	J. STILWELL	J. STILWELL	P.E. NUMBER	
DESIGN DETAILED				DATE	
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

BICKFORD BRIDGE
MAPLE MEADOW STREAM
SEARSMONT WALDO COUNTY
CULVERT DETAILS

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	
A501	98	5'-5"	Footing Vertical					A550	112	2'-4"	L	1'-6"	10"										Drill and Grout into Existing Footing
A502	12	4'-6"	Footing-End Vertical					A551	16	4'-11"	SL	0"	10"	1'-8"	2'-5"			0"					End Cap
A503	4	4'-8"	Footing-End Vertical					A552	4	8'-5"	SL	0"	4'-4"	1'-8"	2'-5"			0"					End Cap
A504	4	4'-11"	Footing-End Vertical					A553	20	4'-8"	SL	0"	1'-6"	1'-8"	1'-6"			0"					End Cap
A505	4	5'-1"	Footing-End Vertical																				
A506	4	5'-3"	Footing-End Vertical																				
A507	12	35'-0"	Footing-Longitudinal																				
A508	12	22'-11"	Footing-Longitudinal																				
A509	8	4'-6"	End Cap																				



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

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. Each crank bar, Type B, may be replaced by two (2) straight bars (one top and one bottom) of the same bar size as the crank bar. Payment in either case will be based on crank bars as scheduled on the plans.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-2174(800)		BRIDGE NO. 6574 21748.00	
BICKFORD BRIDGE MAPLE MEADOW STREAM SEARSMONT		WALDO COUNTY		REINFORCING STEEL SCHEDULE	
SHEET NUMBER		8		OF 9	

Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 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 CLL _____
 Bush Line _____
 Rock/Boulder _____
 BARB WIRE _____
 WELL _____
 Flag Pole _____
 STOCKADE _____
 Mailbox _____

PLAN LEGEND

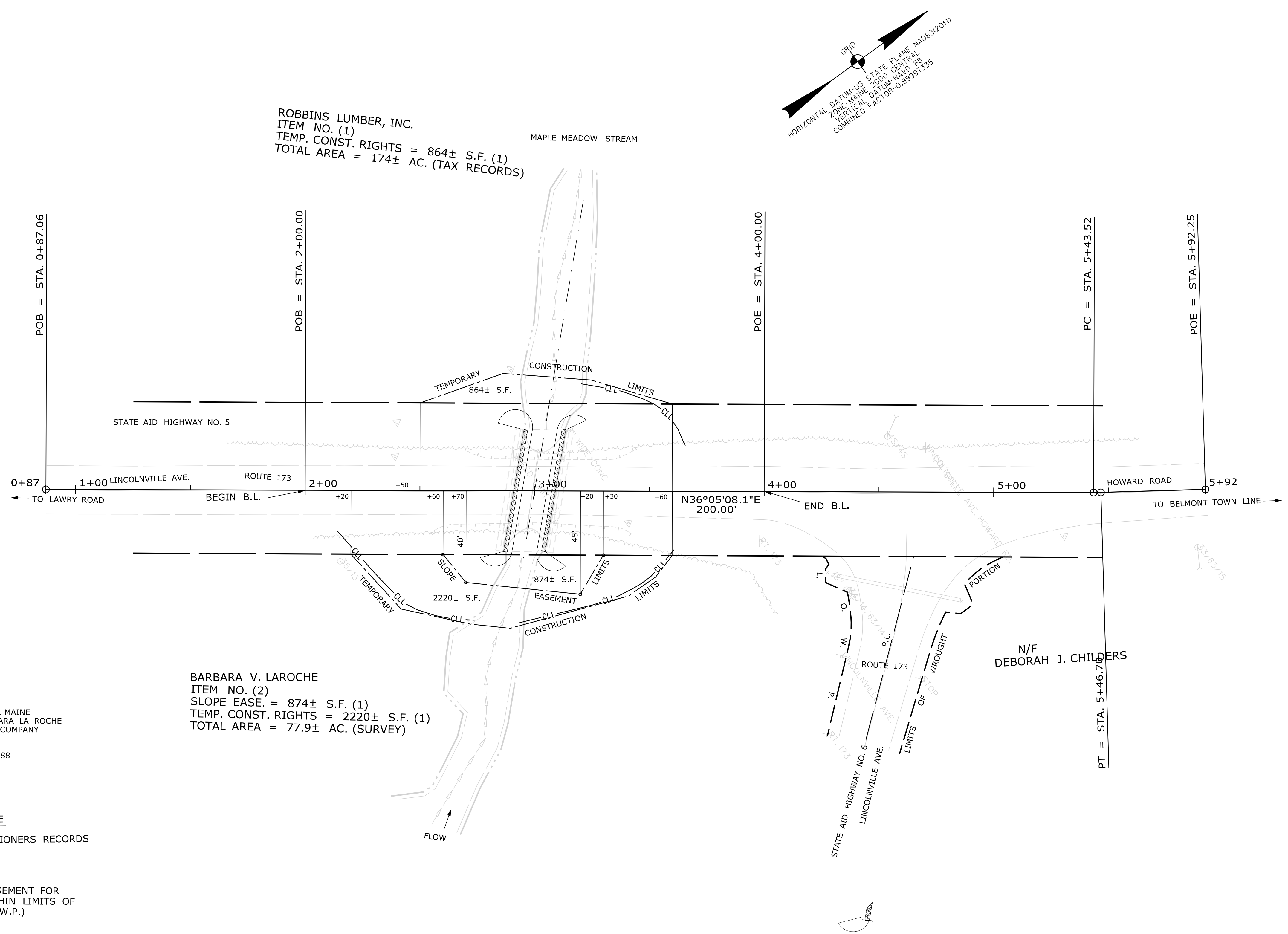
Sanitary Sewer	Existing	Proposed	Traveled Way	Existing	Proposed
Telephone Line	Existing	Proposed	Ditch	Existing	Proposed
Electric Line	Existing	Proposed	Catch Basin	Existing	Proposed
Water Line	Existing	Proposed	Manhole	Existing	Proposed
Underdrain Line	Existing	Proposed	Sewer Manhole	Existing	Proposed
Gas Line	Existing	Proposed	Utility Pole	Existing	Proposed
Guardrail	Existing	Proposed	Fire Hydrant	Existing	Proposed
Culvert	Existing	Proposed	Curbing	Existing	Proposed

Cut Line C-C _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found IRF _____
 Replacement Pin Set _____
 Fill Line F-F _____
 Retaining Wall _____
 _____ 11+00 _____ 12+00
 Traverse Point _____
 Pipe Found IPF _____

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 ADJUTING PROPERTY OWNERS.

25 0 25 50 75 100
 Scale of Feet



ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	D.W.B.	
FINAL RIGHT OF WAY	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
 SEARSMONT
 RIGHT OF WAY MAP

BRIDGE NO. 5574 WIN 021748.00

REVISIONS			PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD						
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	NO.	DATE	BOOK	PAGE
						COND.	10/30/18	4320	344				

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE _____

STATE AID HIGHWAY NO. 5
 ROUTE 173-LINCOLNVILLE AVE.
 SEARSMONT WALDO COUNTY
 FEDERAL AID PROJECT NO. STP-2174(800)
 JULY 2018
 SCALE 1" = 25'

SHEET NUMBER
 9
 OF 9

Filename: ... \000\ROW\MSTA001_RWPLAN1.dgn
 Division: BRIDGE
 Username: joseph.r.stilwell
 Date: 11/5/2018