



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION
 AUGUSTA, MAINE 04333-0016

Paul R. LePage
 GOVERNOR

April 25, 2016
 Subject: Bridge Rehabilitation
 State WIN: 017880.00
 Location: **Oxbow PLT**
Amendment No. 1

David Bernhardt
 COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Documents:

REMOVE pages 16 thru 19 "SCHEDULE OF ITEMS" dated 3/28/2016 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 4 pages dated 4/25/2016.

In the Plan Set:

The following sheets are to be **REMOVED** from the existing plan set and then **REPLACED** with the corresponding attached revised sheets:

REMOVE sheet	and REPLACE with sheet
2	2A
12	12A
13	13A
14	14A
17	17A

The following questions have been received:

Question: can you verify the piece count for Bar Mark S551.

Response: For Bar Mark S551, the correct count is 44. Please refer to sheet 17A for the updated reinforcing steel schedule.

Question: Can a mechanical splice with a lap splice + a full length bar be substituted for bar mark S501 as noted.

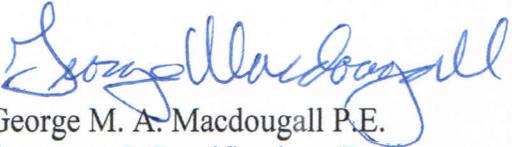
Response: Yes, a welded/mechanical splice with a lap splice and a full length bar can be substituted for bar mark S501. The additional reinforcing steel required for the lap splice will not be measured for payment or paid for.



PRINTED ON RECYCLED PAPER

Consider this change and information prior to submitting your bid on **April 27, 2016**

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017880.00

Project(s): 017880.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	1.000 EA	_____	 _____	_____	 _____
0020	201.24 REMOVING STUMP	1.000 EA	_____	 _____	_____	 _____
0030	202.10 REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR)	LUMP SUM		 LUMP SUM	_____	 _____
0040	202.202 REMOVING PAVEMENT SURFACE	94.000 SY	_____	 _____	_____	 _____
0050	203.20 COMMON EXCAVATION	130.000 CY	_____	 _____	_____	 _____
0060	203.24 COMMON BORROW	56.000 CY	_____	 _____	_____	 _____
0070	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	110.000 CY	_____	 _____	_____	 _____
0080	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	20.000 T	_____	 _____	_____	 _____
0090	403.211 HOT MIX ASPHALT (SHIMMING)	3.000 T	_____	 _____	_____	 _____
0100	403.213 HOT MIX ASPHALT 12.5 MM BASE	20.000 T	_____	 _____	_____	 _____
0110	409.15 BITUMINOUS TACK COAT - APPLIED	10.000 G	_____	 _____	_____	 _____
0120	502.21 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	4.000 CY	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017880.00

Project(s): 017880.00

SECTION: 1 INITIAL GROUP

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	502.25 STRUCTURAL CONCRETE SUPERSTRUCTURE SLABS	LUMP SUM	LUMP	SUM	_____	_____
0140	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP SUM	LUMP	SUM	_____	_____
0150	502.83 PRECAST BLOCK MAT	2,585.000 SF	_____	_____	_____	_____
0160	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	12,816.000 LB	_____	_____	_____	_____
0170	503.13 REINFORCING STEEL, PLACING	12,816.000 LB	_____	_____	_____	_____
0180	503.17 MECHANICAL WELDED SPLICE	230.000 EA	_____	_____	_____	_____
0190	505.08 SHEAR CONNECTORS	LUMP SUM	LUMP	SUM	_____	_____
0200	507.0811 STEEL BRIDGE RAILING, 2 BAR	LUMP SUM	LUMP	SUM	_____	_____
0210	507.13 TEMPORARY BRIDGE RAILING	88.000 LF	_____	_____	_____	_____
0220	511.07 COFFERDAM: ABUTMENT NO. 1	LUMP SUM	LUMP	SUM	_____	_____
0230	511.07 COFFERDAM: ABUTMENT NO. 2	LUMP SUM	LUMP	SUM	_____	_____
0240	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017880.00

Project(s): 017880.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP	SUM	_____	_____
0260	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP SUM	LUMP	SUM	_____	_____
0270	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4.000 EA	_____	_____	_____	_____
0280	527.34 WORK ZONE CRASH CUSHIONS	3.000 UN	_____	_____	_____	_____
0290	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA	_____	_____	_____	_____
0300	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	100.000 LF	_____	_____	_____	_____
0310	606.36 GUARDRAIL REMOVED AND RESET	25.000 LF	_____	_____	_____	_____
0320	610.08 PLAIN RIPRAP	94.000 CY	_____	_____	_____	_____
0330	613.319 EROSION CONTROL BLANKET	45.000 SY	_____	_____	_____	_____
0340	615.07 LOAM	17.000 CY	_____	_____	_____	_____
0350	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	3.000 UN	_____	_____	_____	_____
0360	619.12 MULCH	3.000 UN	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017880.00

Project(s): 017880.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0370	619.1401 EROSION CONTROL MIX - PLAN QUANTITY	34.000 CY	_____	 _____	_____	 _____
0380	620.58 EROSION CONTROL GEOTEXTILE	187.000 SY	_____	 _____	_____	 _____
0390	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	135.000 LF	_____	 _____	_____	 _____
0400	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP SUM	LUMP SUM		_____	 _____
0410	627.77 REMOVING PAVEMENT MARKINGS	335.000 SF	_____	 _____	_____	 _____
0420	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR	_____	 _____	_____	 _____
0430	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0440	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0450	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0460	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0470	652.312 TYPE III BARRICADE	2.000 EA	_____	 _____	_____	 _____
0480	652.33 DRUM	25.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017880.00

Project(s): 017880.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0490	652.34 CONE	50.000 EA	_____	 _____	_____	 _____
0500	652.35 CONSTRUCTION SIGNS	300.000 SF	_____	 _____	_____	 _____
0510	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM		LUMP SUM	_____	 _____
0520	652.38 FLAGGER	100.000 HR	_____	 _____	_____	 _____
0530	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		LUMP SUM	_____	 _____
0540	659.10 MOBILIZATION	LUMP SUM		LUMP SUM	_____	 _____
Section: 1			Total:		_____	 _____
			Total Bid:		_____	 _____

Date: 4/25/2016

Username: mark.poulin

Division: BRIDGE

Filename: ... \BRIDGE\NMTA\002_Estimate.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	1	EA
201.24	REMOVING STUMP	1	EA
202.10	REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR) (50 CY)	1	LS
202.202	REMOVING PAVEMENT SURFACE	94	SY
203.20	COMMON EXCAVATION	130	CY
203.24	COMMON BORROW	56	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	110	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	20	T
403.211	HOT MIX ASPHALT (SHIMMING)	3	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	20	T
409.15	BITUMINOUS TACK COAT - APPLIED	10	G
502.21	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	4	CY
502.25	STRUCTURAL CONCRETE SUPERSTRUCTURE SLABS (45 CY)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (5 CY)	1	LS
502.83	PRECAST BLOCK MAT	2,515	SF
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	12,816	LB
503.13	REINFORCING STEEL, PLACING	12,816	LB
503.17	MECHANICAL WELDED SPLICE	230	EA
505.08	SHEAR CONNECTORS (440 EA)	1	LS
507.0811	STEEL BRIDGE RAILING, 2 BAR (88 LF)	1	LS
507.13	TEMPORARY BRIDGE RAILING	88	LF
511.07	COFFERDAM, ABUTMENT NO. 1	1	LS
511.07	COFFERDAM, ABUTMENT NO. 2	1	LS
514.06	CURING BOX FOR CONCRETE CYLINDERS	1	EA
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (50 SY)	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE 1 (200 LF)	1	LS
526.34	PERMANENT CONCRETE TRANSITION BARRIER	4	EA
527.34	WORK ZONE CRASH CUSHIONS	3	UN
606.1721	BRIDGE TRANSITION - TYPE 1	4	EA
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	100	LF
606.36	GUARDRAIL REMOVED AND RESET	25	LF
610.08	PLAIN RIPRAP	94	CY
613.319	EROSION CONTROL BLANKET	45	SY
615.07	LOAM	17	CY
618.14	SEEDING METHOD NUMBER 2	3	UN
619.12	MULCH	3	UN
619.1401	EROSION CONTROL MIX	34	CY
620.58	EROSION CONTROL GEOTEXTILE	187	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	135	LF
627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	1	LS
627.77	REMOVING PAVEMENT MARKINGS	335	SF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.15	ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	TYPE III BARRICADE	2	EA
652.33	DRUM	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	300	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (120 CD)	1	LS
652.38	FLAGGER	100	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

- For easements, construction limits and right of way lines, refer to Right of Way Map.
- 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.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- 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.
- Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
- 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 Item No. 619.1401, Erosion Control Mix.
- Place a 24-in. wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
- 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.
- Protective Coating for Concrete Surfaces shall be applied to the following areas:

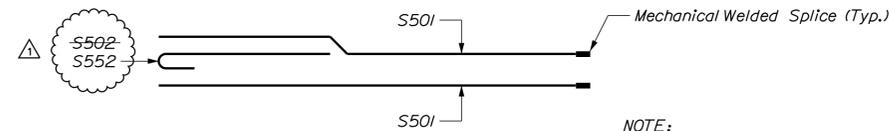
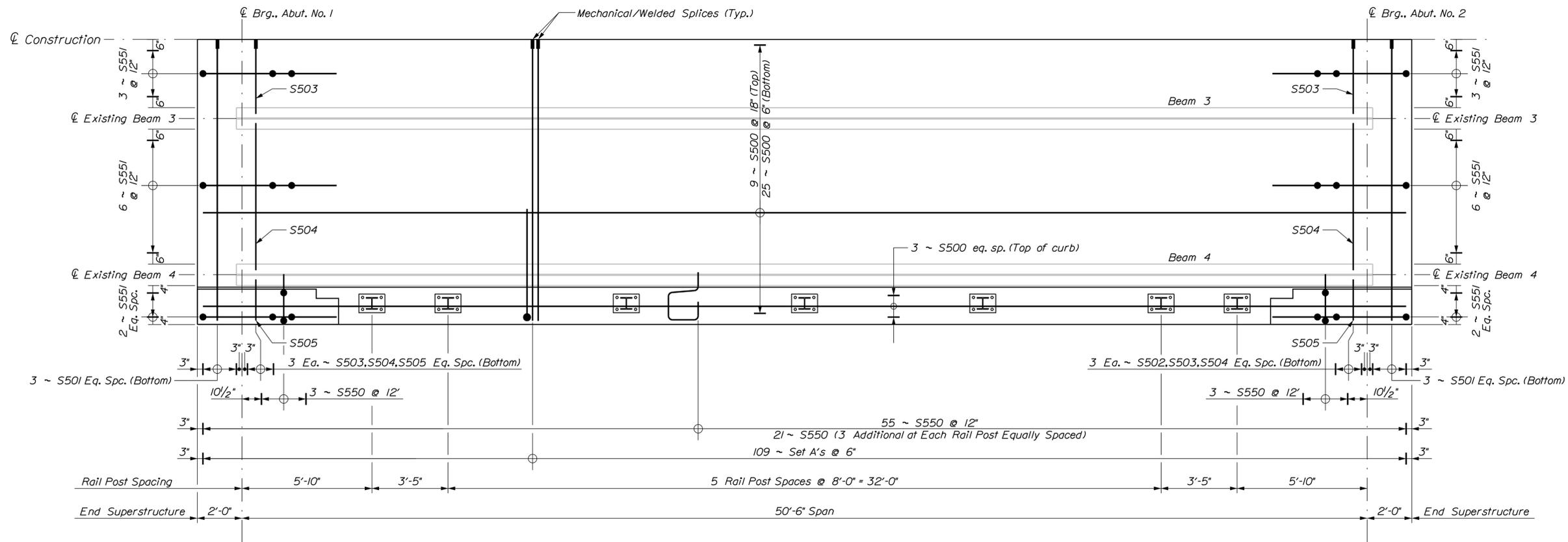
All exposed surfaces of concrete curbs and sidewalks, Fascias down to the drip notch, All exposed surfaces of Concrete Transition Barriers, Concrete wearing surfaces.
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>.
- 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.
- The hydrologic report of the bridge site may be accessed at the MaineDOT web address. The hydrologic report is based on MaineDOT's 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.

- The project geotechnical report titled Geotechnical Data Report for Umcolcus Stream Bridge, Oxbow road over Umcolcus Stream, Oxbow Plantation, Maine, September 2015, Soils Report 2015 - 28, may be accessed at the MaineDOT web address.
- 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.
- 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:
 - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
 - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
 - 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.

- The existing bridge deck 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 replacing the bridge deck. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Once the existing bridge deck 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 deck will be considered incidental to the bridge removal pay item.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		BH-1788(000)X		WIN		BRIDGE NO. 2877		17880.00		BRIDGE PLANS	
UMCOLCUS STREAM BRIDGE		UMCOLCUS STREAM		AROOSTOOK COUNTY		ESTIMATED QUANTITIES		GENERAL CONSTRUCTION NOTES		SHEET NUMBER		2A	
OXBOW PLT		AROOSTOOK COUNTY		ESTIMATED QUANTITIES		GENERAL CONSTRUCTION NOTES		SHEET NUMBER		2A		OF 18	

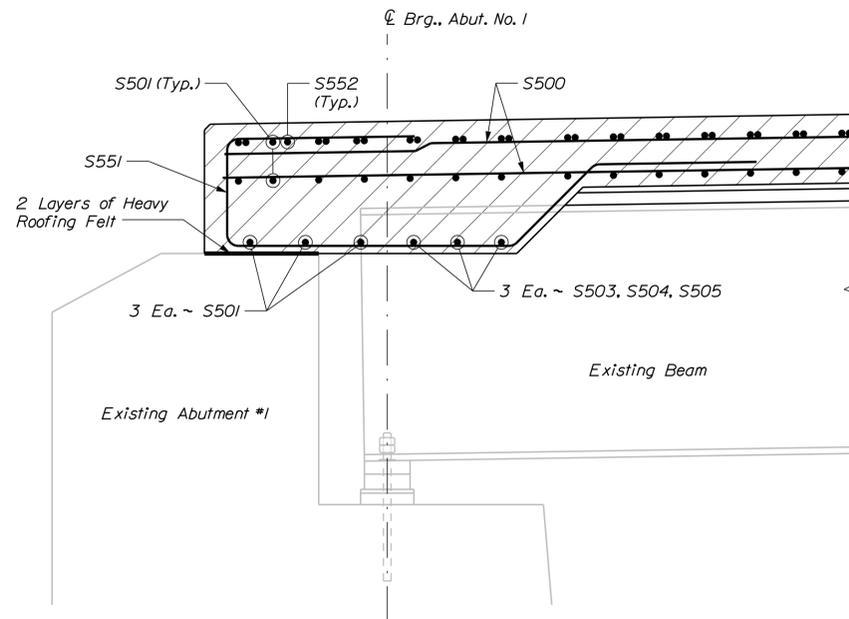
PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	8/2013	M. Poulin	8/2013
CHECKED-REVIEWED	4/2016	W. Robinson	4/2016
DESIGNS-DETAILED			
REVISIONS 1	By 558 Quantity of 22 to 44 Total		4/21/16
REVISIONS 2	By 552 Change to 5552		
REVISIONS 3			
FIELD CHANGES			



SET "A"
 1 ~ S501 & 1 ~ S552 (Top)
 1 ~ S501 (Bottom)
 2 ~ Mechanical Welded Splice

NOTE:
 Rebar With Mechanical Welded Splices
 Will Have To Be Field Cut To Length.

SUPERSTRUCTURE PLAN
 STAGE 2 (UPSTREAM SIDE)



END SECTION

SUPERSTRUCTURE NOTES

1. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
2. Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.
3. The superstructure slab concrete for each span shall be placed continuously and shall be kept plastic until the entire placement has been made.
4. 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.
5. Heavy roofing felt shall meet the requirements of subsection 701.08. Heavy roofing felt shall not be paid for directly, but shall be considered incidental to related contract items.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 BH-1788(000)X

BRIDGE NO. 2877
 WIN
 17880.00
 BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	R. Bulger	M. Poulin	8/7/03
CHECKED-REVIEWED	T. Helm	W. Rainman	4/2/06
DESIGNS-DETAILED			
REVISIONS 1	By S551 Quantity of 22 To 44 Total		4/21/16
REVISIONS 2	By S502 Change To S552		
REVISIONS 3			
FIELD CHANGES			

UMCOLCUS STREAM BRIDGE
 UMCOLCUS STREAM
 OXBOW PLT
 AROOSTOOK COUNTY
SUPERSTRUCTURE PLANS

SHEET NUMBER

12A

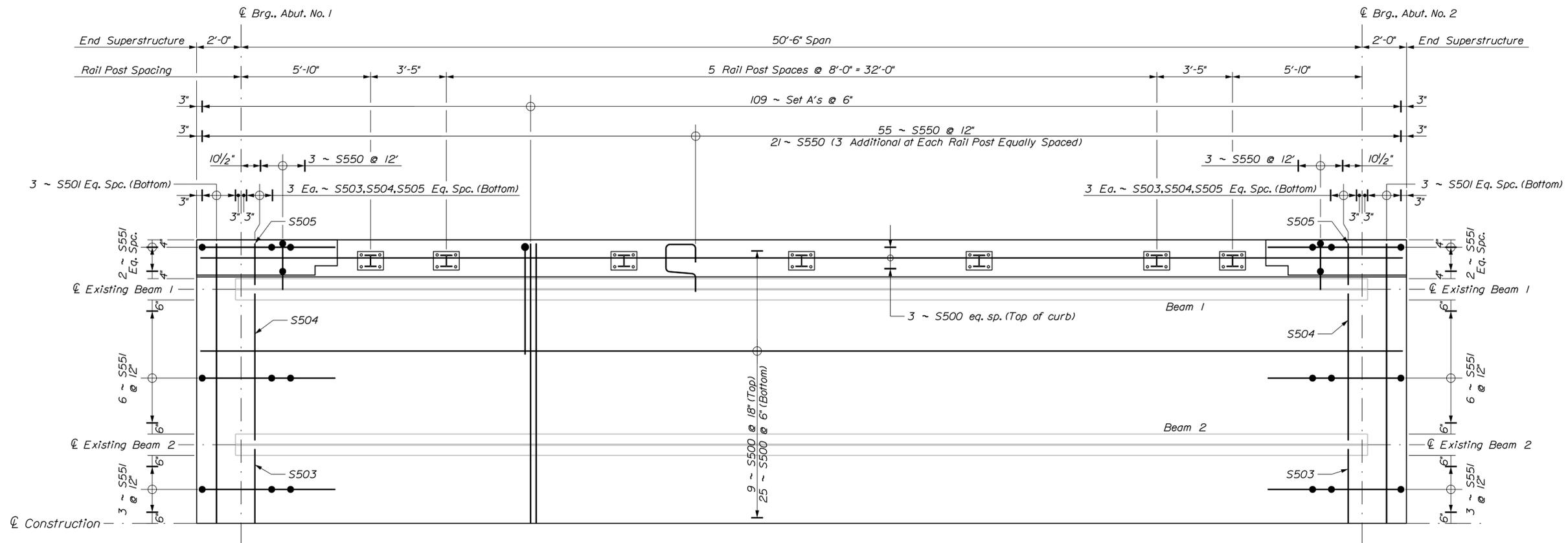
OF 18

Date: 4/25/2016

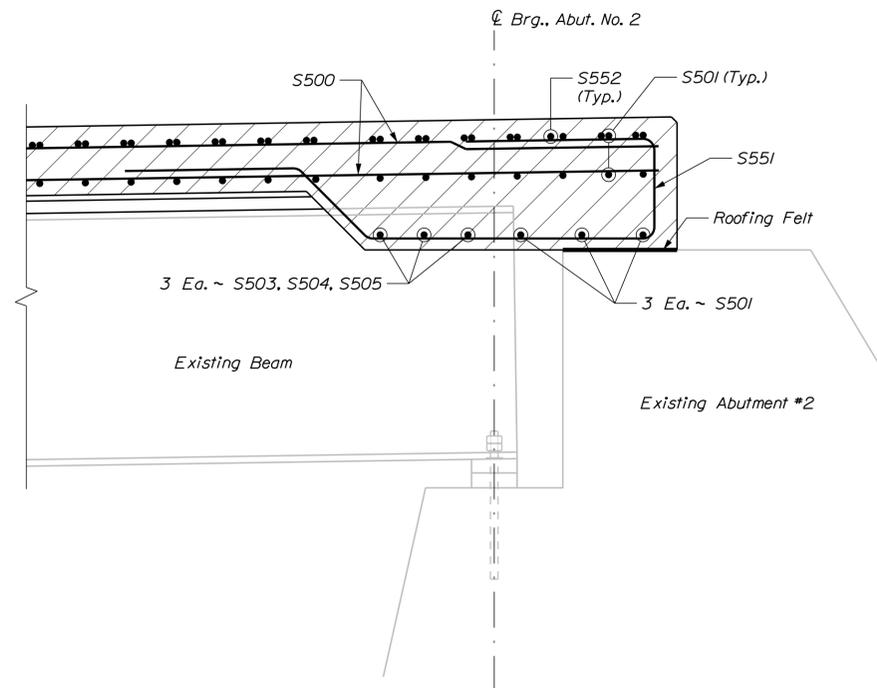
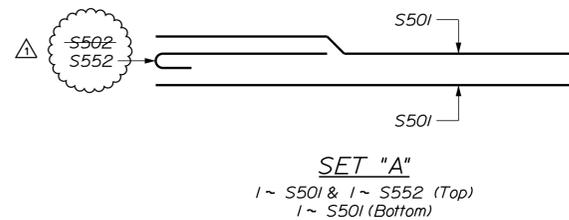
Username: mark.poulin

Division: BRIDGE

Filename: ... \MSTA\013_Superstructure.dgn

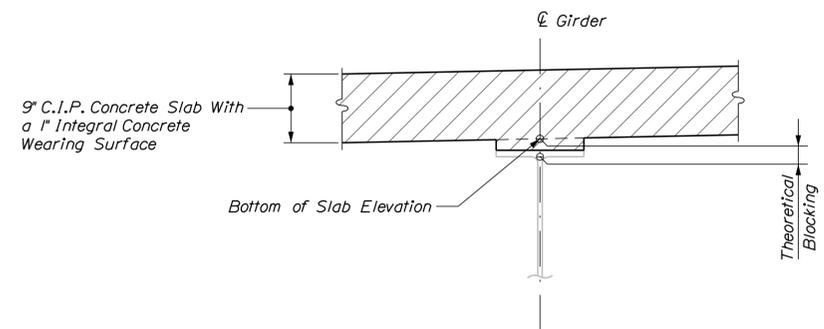
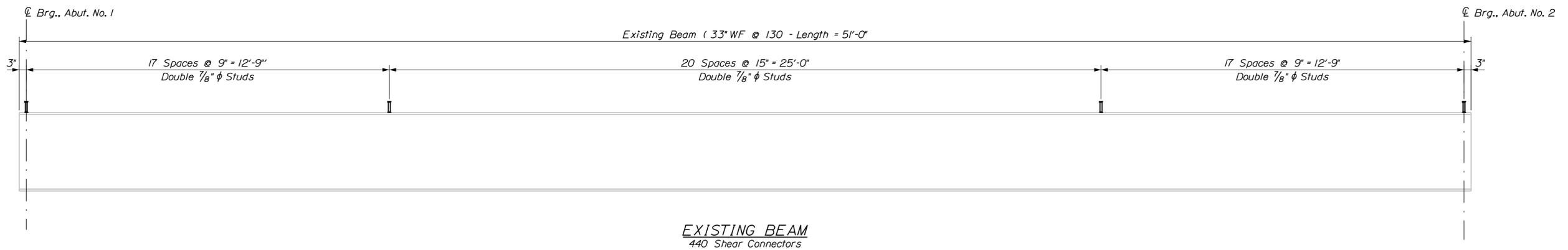
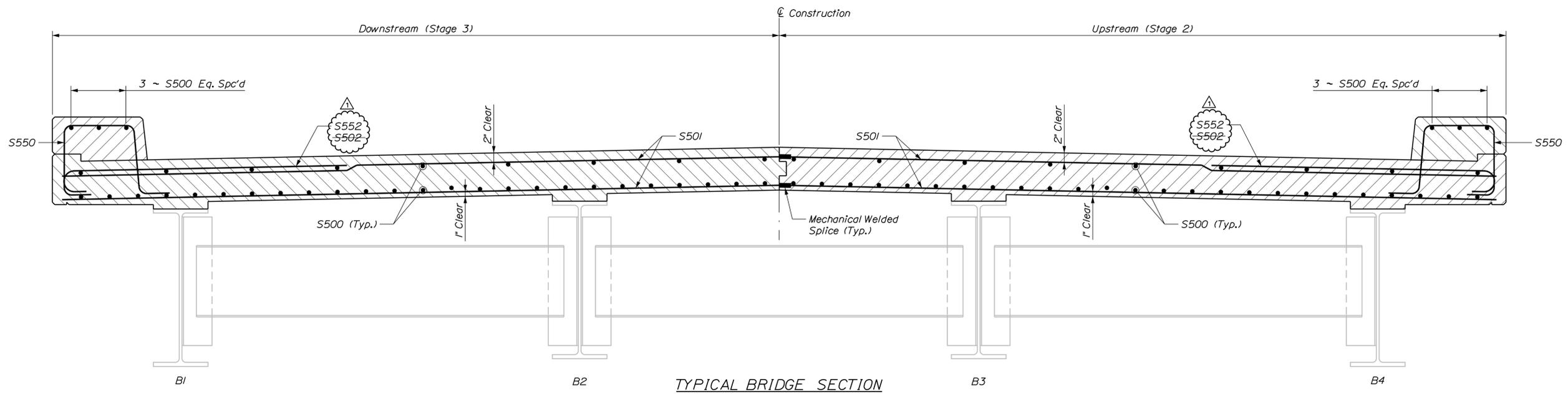


SUPERSTRUCTURE PLAN
 STAGE 3 (DOWNSTREAM SIDE)



END SECTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		BH-1788(000)X	
UMCOLCUS STREAM BRIDGE UMCOLCUS STREAM OXBOW PLT AROOSTOOK COUNTY		SUPERSTRUCTURE PLANS	
PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	R. Bulger	M. Poulin	8/7/03
CHECKED-REVIEWED	T. Helm	W. Rainman	4/2/06
DESIGNS-DETAILED			
REVISIONS 1	By S551 Quantity of 22 to 44 Total		4/21/16
REVISIONS 2	By S502 Change to S552		
REVISIONS 3			
FIELD CHANGES		DATE	
		P.E. NUMBER	
		BRIDGE NO. 2877	
		WIN	
		17880.00	
		BRIDGE PLANS	
SHEET NUMBER		13A	
		OF 18	



BLOCKING DETAIL
Theoretical blocking is 1/2" at \bar{C} Brg., Abutments
(Do not use theoretical blocking to set forms)

Bottom of Slab Elevations in Feet											
Girder	Abut. No. 1	1st Tenth	2nd Tenth	3rd Tenth	4th Tenth	5th Tenth	6th Tenth	7th Tenth	8th Tenth	9th Tenth	Abut. No. 2
1	621.60	621.69	621.79	621.88	621.96	622.04	622.12	622.19	622.26	622.32	622.38
2	621.74	621.83	621.93	622.02	622.10	622.18	622.26	622.33	622.40	622.46	622.52
3	621.74	621.83	621.93	622.02	622.10	622.18	622.26	622.33	622.40	622.46	622.52
4	621.60	621.69	621.79	621.88	621.96	622.04	622.12	622.19	622.26	622.32	622.38

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
BH-1788(000)X
WIN
17880.00
BRIDGE NO. 2877
BRIDGE PLANS

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

DATE
8/7/03
MAR 2006
4/21/16

BY
M. Poulin
W. Rainon

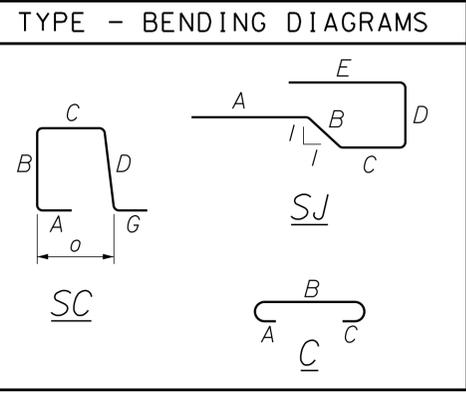
SIGNATURE
P.E. NUMBER
DATE

UMCOLCUS STREAM BRIDGE
UMCOLCUS STREAM
AROOSTOOK COUNTY
OXBOW PLT
SUPERSTRUCTURE PLANS

SHEET NUMBER

14A

STRAIGHT BARS				BENT BARS															
MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION	
S500	74	5'-0"	Superstructure Slab	S550	170	4'-9"	SC	0'-6"	1'-3 ³ / ₈ "	1'-3 ¹ / ₄ "	1'-2 ³ / ₈ "							0'-6"	Superstructure (Curb)
S501	448	12'-7"	Superstructure Slab	S551	44	9'-0 ⁵ / ₈ "	SJ	2'-0"	0'-10 ³ / ₄ "	3'-1 ¹ / ₈ "	1'-0 ³ / ₄ "	2'-0"							End Superstructure
S502	218	6'-0"	Superstructure Slab	S552	218	6'-0"	C	0'-7"	5'-0"										Superstructure Slab
S503	12	3'-4"	Superstructure Slab																
S504	12	6'-7"	Superstructure Slab																
S505	12	1'-10"	Superstructure Slab																



GENERAL NOTES

- 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
- 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 shall be based on crank bars as schedule on the plans.
- 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 A615/A615M, Grade 60

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
BH-1788(000)X
 WIN
 17880.00
 BRIDGE NO. 2877
 BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	R. Bulger	M. Poulin	8/2013
CHECKED-REVIEWED	T. Helm	W. Rainman	4/2016
DESIGN-DETAILED			
REVISIONS 1	By S551 Quantity of 22 to 44 Total		4/21/16
REVISIONS 2	By S552 Change to S552		
REVISIONS 3			
FIELD CHANGES			

UMCOLCUS STREAM BRIDGE
 UMCOLCUS STREAM
 OXBOW PLT AROOSTOOK COUNTY
**REINFORCING
 STEEL SCHEDULE**

SHEET NUMBER
17A
 OF 18