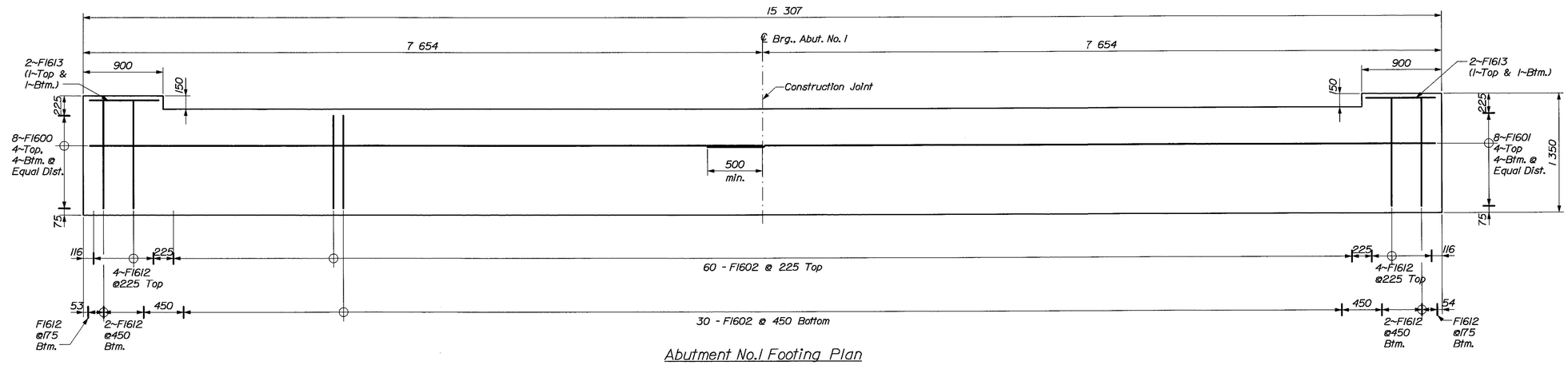
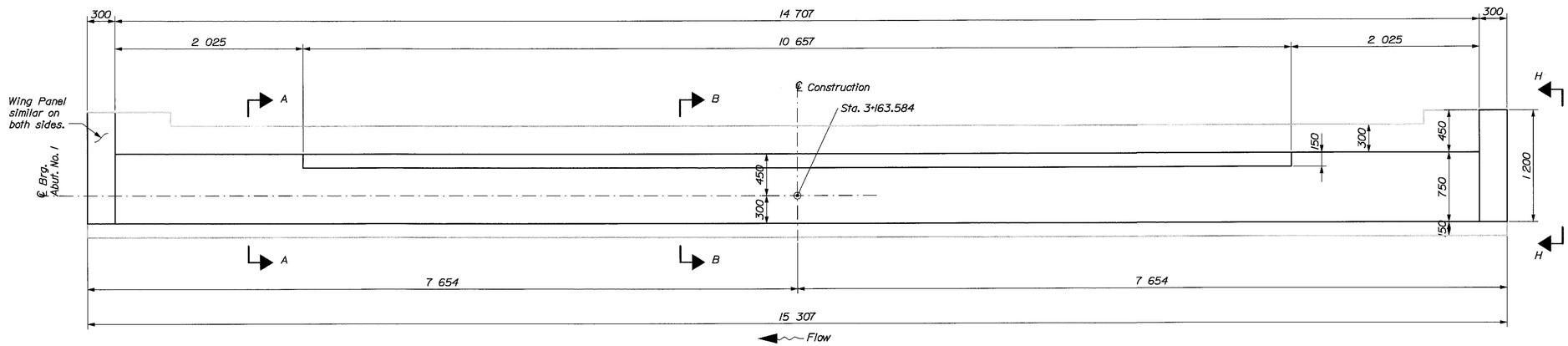
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	BR-7679(00)X	31	45

007679.00



Abutment No.1 Footing Plan



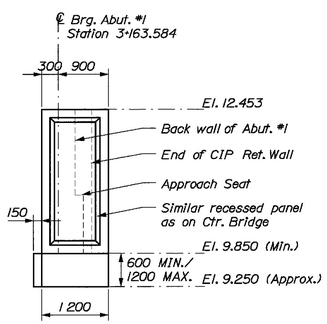
Abutment No. 1 Plan

Abutment Notes:

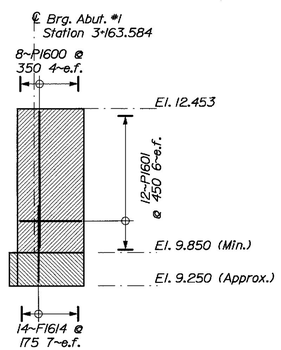
1. Reinforcing steel shall have 50 mm cover unless otherwise indicated.
2. Cover expansion joints on the back with two layers of heavy roofing.
3. Protective coating for concrete surfaces shall be applied to the following areas:

   Top of concrete curbs.
   Top of abutment backwalls and 300 mm below top of backwalls on the back side.
   All exposed surfaces of Concrete End Posts.

4. Structural Earth Excavation, Abutments and Retaining Walls, required below Elevation 8.95 for Abutment #1 will be paid of at 1½ times the contract unit price for Item 206.081.
5. Place 100 mm diameter drains in breastwall and wings at 4800 mm maximum spacing. Exact location to be determined by the Engineer in the field.
6. Maximum calculated footing pressure is 16.5 kPa.
7. Footing may be raised to accomodate higher than anticipated ledge elevations Should ledge elevations be below 9.000 m, unreinforced concrete fill shall be placed with a 1 horiz: 2 vert slope from the neat line of the proposed footing down to ledge Payment shall be made under item # 502.56 Concrete Fill



Elevation H-H
Dimensions



Section H-H
Rebar Layout

Legend

n.f. = Near Face
f.f. = Far Face
e.f. = Each Face

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Abutment # 1 Plan

SHEET OF AUGUSTA, MAINE

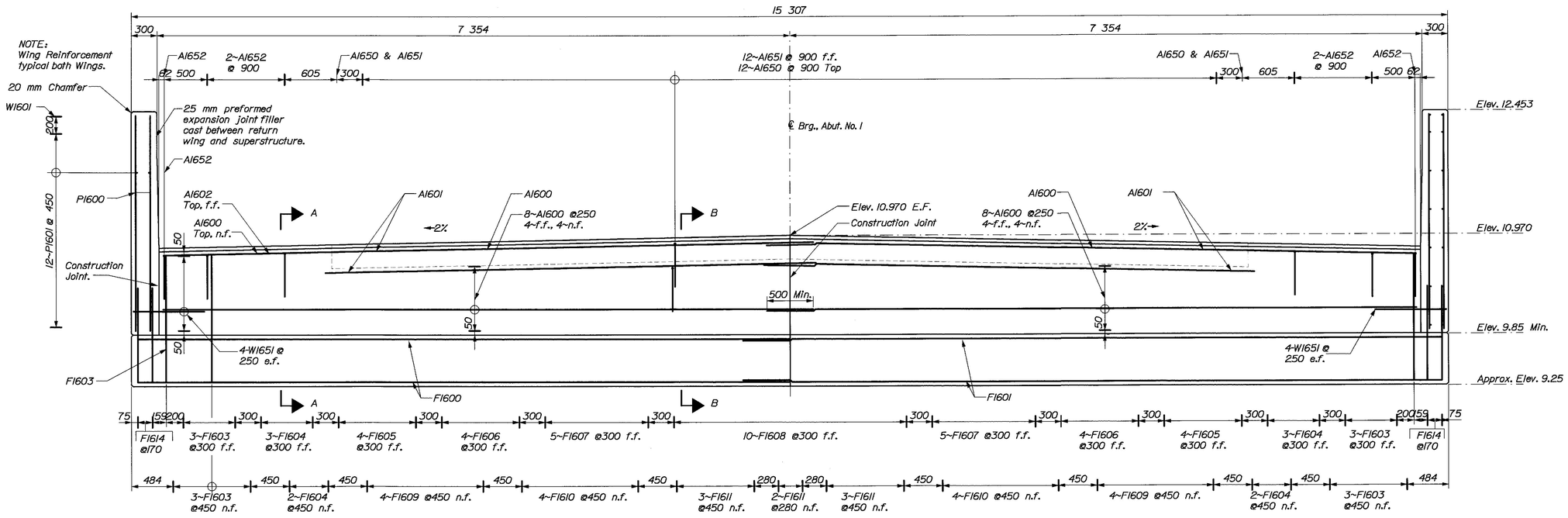
PROJECT DESIGN ENGINEER XYX		BY	DATE
PLANS	DESIGN-DETAILED	ETC TJMS	XXX
	CHECKED	XXX	XXX
	REVISIONS	XXX	XXX
	FIELD CHANGES	XXX	XXX

Filename: ...\031_abutplan.dgn Division= BRIDGE Username= Brian Nichols Date= 14 MAR 2002

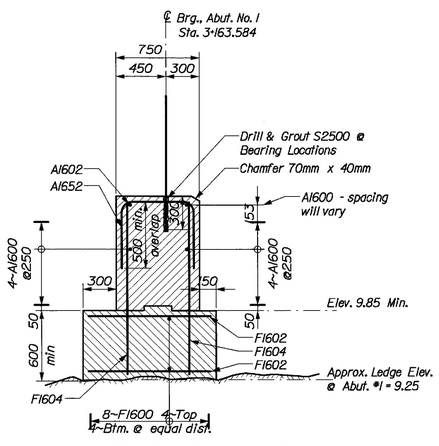
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(00)X	32	45

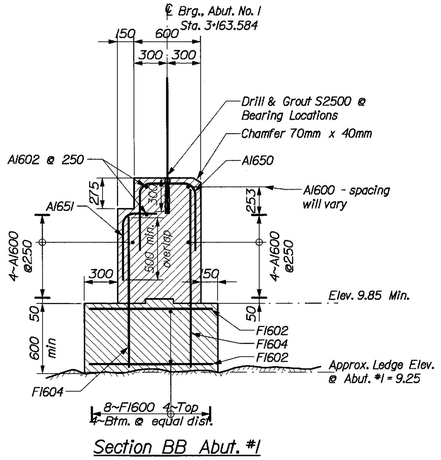
007679.00



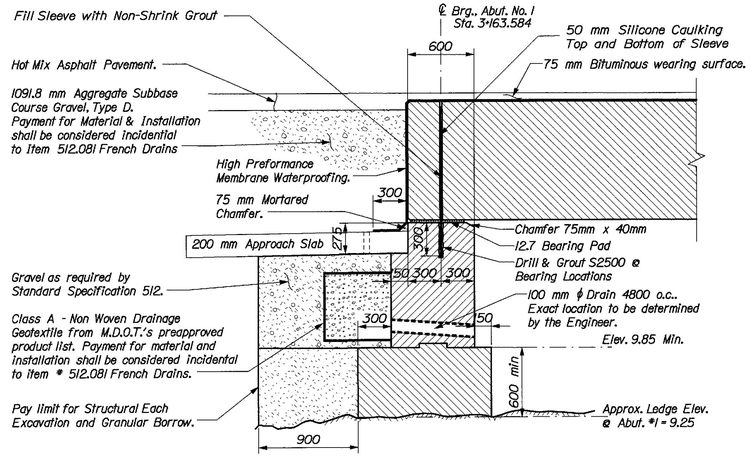
Abutment No.1 Elevation



Section AA Abut. #1



Section BB Abut. #1



Typical Abutment #1 Section

Legend

n.f. = Near Face
f.f. = Far Face
e.f. = Each Face

PROJECT DESIGN ENGINEER	XXX	BY	DATE
	DESIGN-DETAILED	ETC	XXX
	CHECKED	DMS	XXX
PLANS	REVISIONS	XXX	XXX
	FIELD CHANGES	XXX	XXX

Filename: ...\032_abuttdetail.dgn Division: BRIDGE Username: Brian Nichols Date: 14 MAR 2002

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

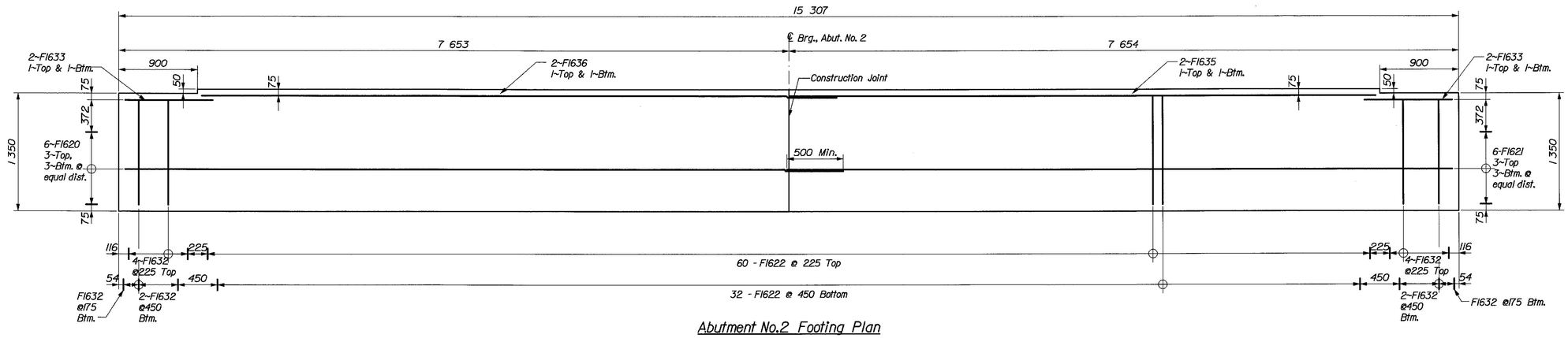
Abutment # 1 Details

SHEET OF AUGUSTA, MAINE

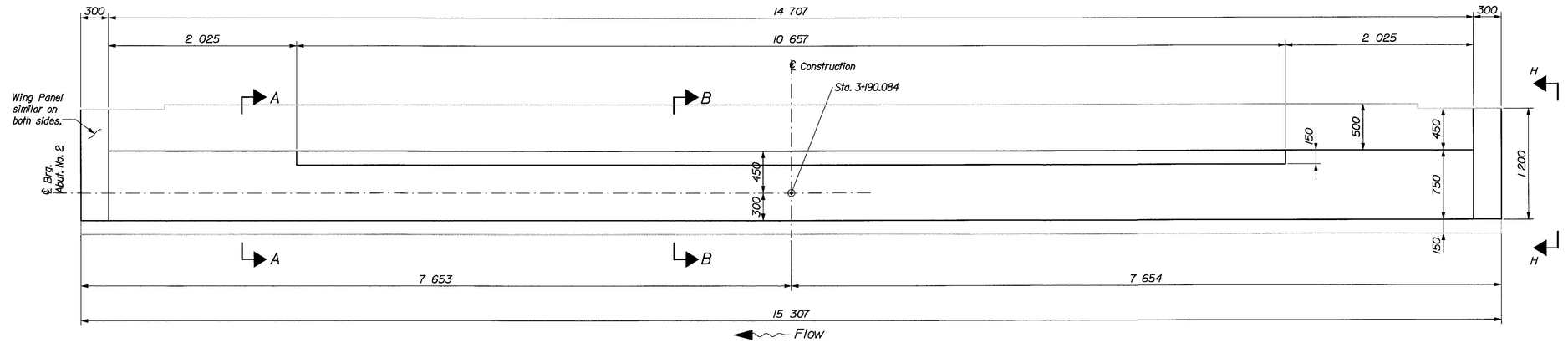
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(00)X	33	45

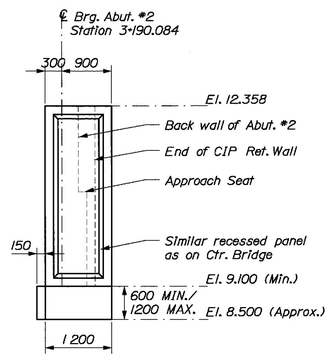
007679.00



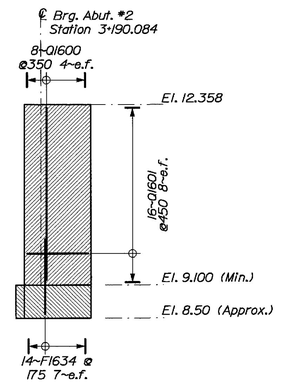
Abutment No.2 Footing Plan



Abutment No. 2 Plan



Elevation H-H Dimensions



Section H-H Rebar Layout

Abutment Notes:

1. Reinforcing steel shall have 50 mm cover unless otherwise indicated.
2. Cover expansion joints on the back with two layers of heavy roofing.
3. Protective coating for concrete surfaces shall be applied to the following areas:

   Top of concrete curbs.
   Top of abutment backwalls and 300 mm below top of backwalls on the back side.
   All exposed surfaces of Concrete End Posts.
4. Structural Earth Excavation, Abutments and Retaining Walls, required below Elevation 8.20 for Abutment #2 will be paid of at 1 1/2 times the contract unit price for Item 206.081.
5. Place 100 mm diameter drains in breastwall and wings at 4800 mm maximum spacing. Exact location to be determined by the Engineer in the field.
6. Maximum calculated footing pressure is 10.6 kPa.
7. Footing may be raised to accomodate higher than anticipated ledge elevations. Should ledge elevations be below 8.250 m, unreinforced concrete fill shall be placed with a 1 horiz: 2 vert slope from the neat line of the proposed footing down to ledge. Payment shall be made under Item# 502.56

Legend

n.f. = Near Face
f.f. = Far Face
e.f. = Each Face

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Abutment # 2 Plan

SHEET OF AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	XXX	BY	DATE
DESIGN-DETAILED	E.T.C.	DMS	XXX
CHECKED	XXX		XXX
REVISIONS	XXX		XXX
FIELD CHANGES	XXX		XXX

PLANS

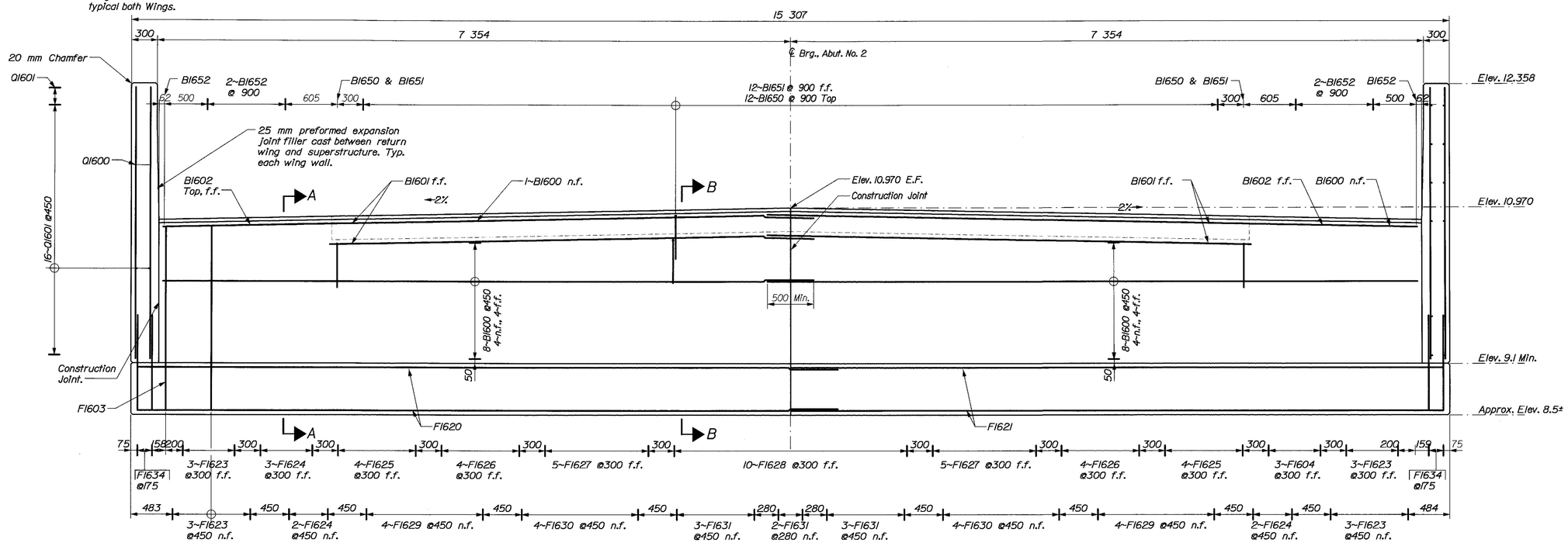
Filename: ...\033_abut2plan.dgn Division: BRIDGE Username: Brian Nichols Date: 14 MAR 2002

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

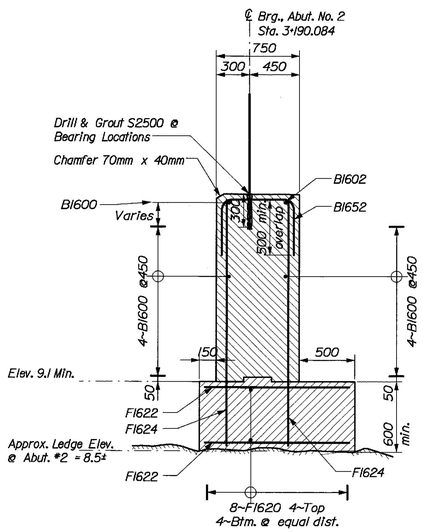
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(00)X	34	45

007679.00

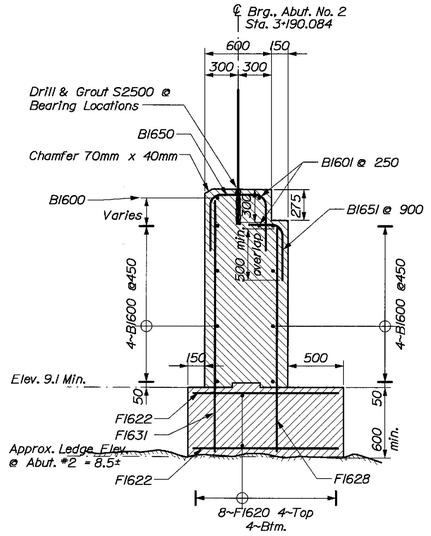
NOTE:
Wing Reinforcement typical both Wings.



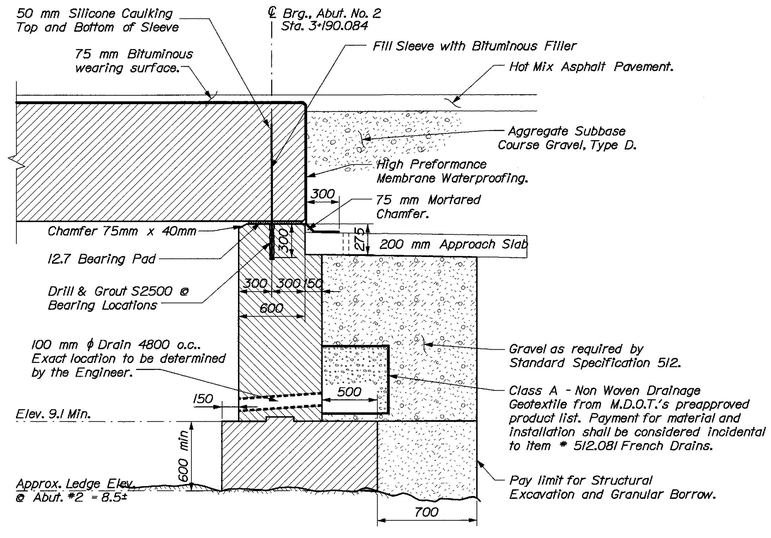
Abutment No.2 Elevation



Section AA Abut. #2



Section BB Abut. #2



Typical Abutment #2 Section

Legend

n.f. = Near Face
f.f. = Far Face
e.f. = Each Face

PROJECT DESIGN ENGINEER	X.X	BY	DATE
DESIGN-DETAILED	X.X	E.T.C.	X.X
CHECKED	X.X	DMS	X.X
REVISIONS	X.X		X.X
FIELD CHANGES	X.X		X.X

PLANS

Filename: ...\034_abut2details.dgn Division: BRIDGE Username: Brian Nichols Date: 14 MAR 2002

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Abut. # 2 Details

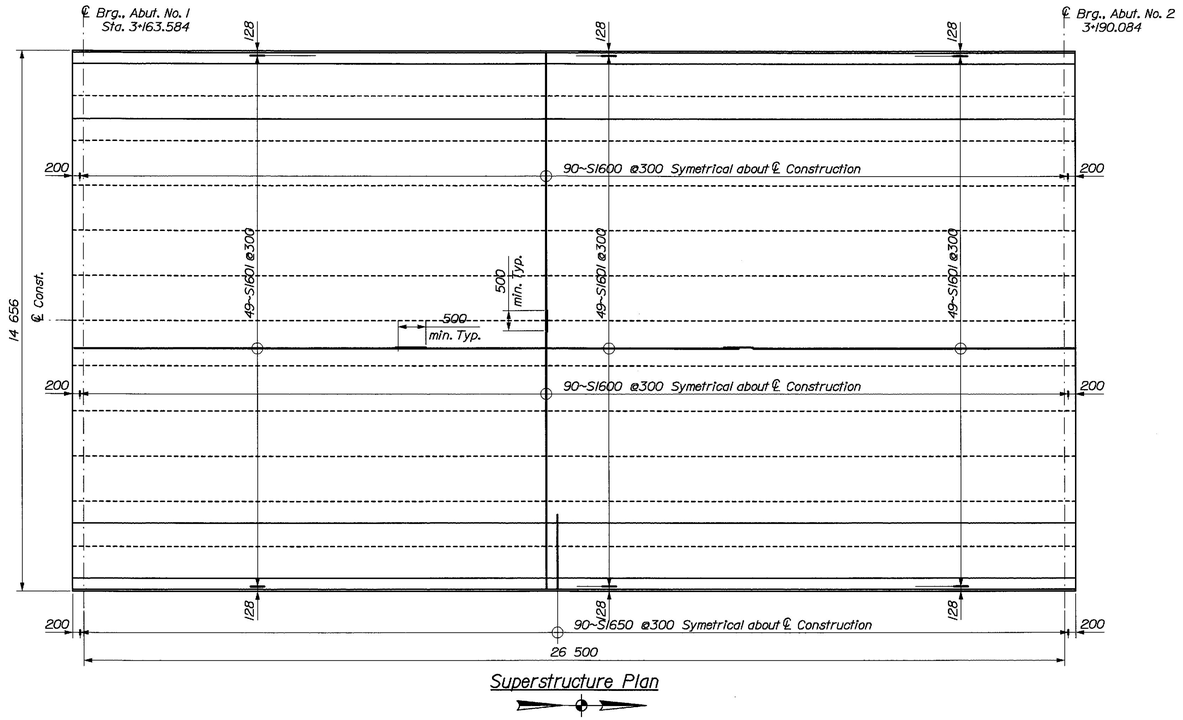
SHEET OF AUGUSTA, MAINE

METRIC

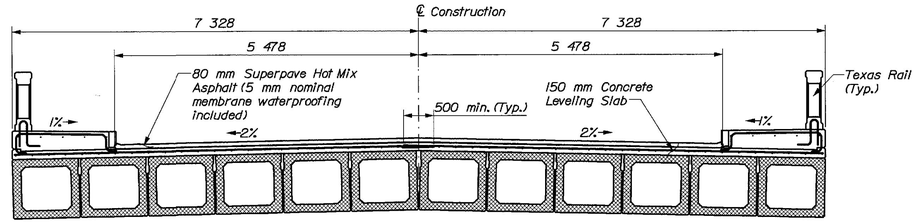
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(00)X	35	45

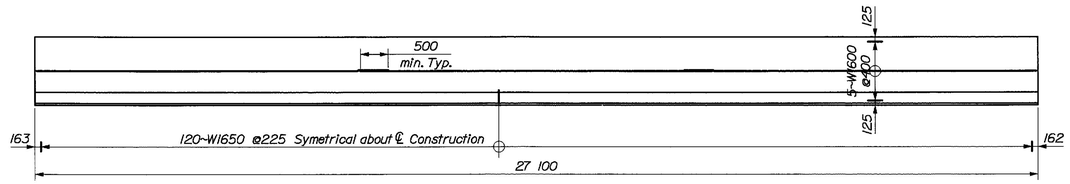
007679.00



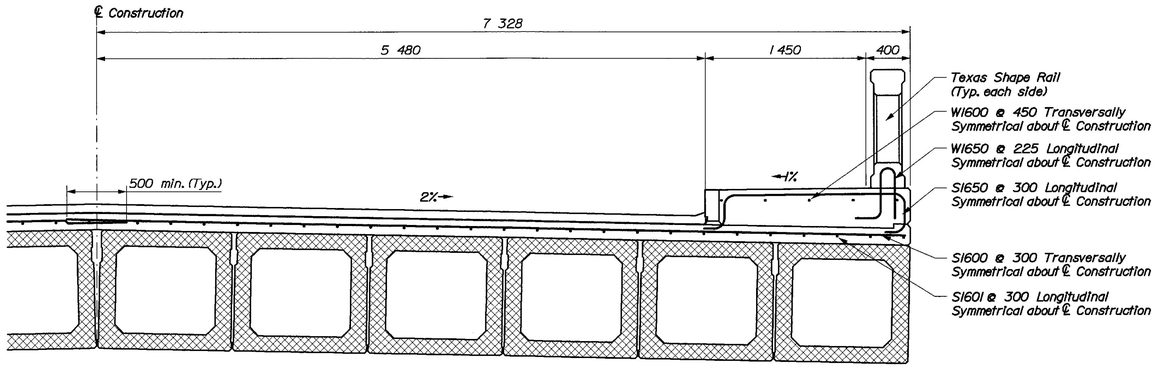
Superstructure Plan



Transverse Section



Typical Sidewalk Plan



Superstructure Reinforcing Detail

NOTES:

1. See Standard Details 526(44)- 528(50) for details and reinforcement of the Texas Classic Rail.
2. WI650 Reinforcing Steel will be paid for under Item 503.12 & 503.13, and all other Reinforcing Steel required for construction of the Texas Classic Rail shall be considered incidental to Item #526.323 Texas Classic Rail; No separate payment shall be made.
3. For additional Superstructure Notes Refer to the Box Beam Detail Sheet.

PROJECT DESIGN ENGINEER	XXX	BY	DATE
DESIGN-DETAILED	ETC	TIMS	XXX
CHECKED	XXX		XXX
REVISIONS	XXX		XXX
FIELD CHANGES	XXX		XXX

PLANS

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Superstructure

SHEET OF AUGUSTA, MAINE

Filename: ...\035_superstructure.dgn Username: Brian Nichols Date: 14 MAR 2002

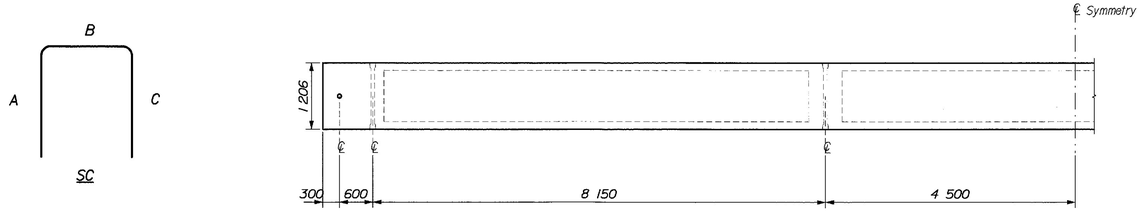
Division BRIDGE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	BR-7679(00)X	36	45

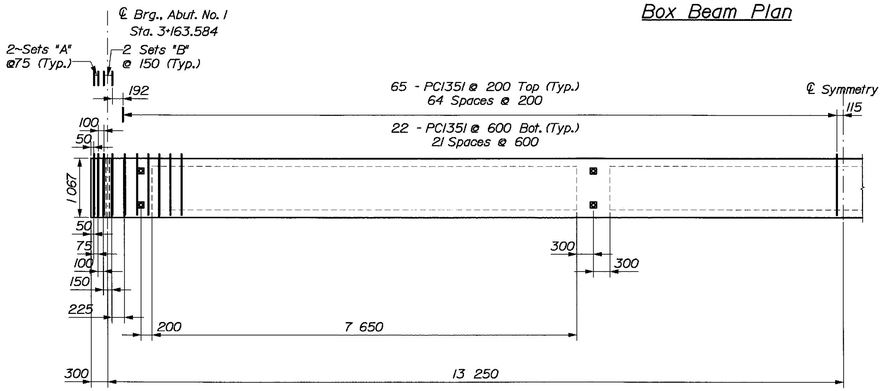
007679.00

STRAIGHT BARS			
MARK	QTY.	LENGTH	LOCATION
PC1300	48	940	Vertical

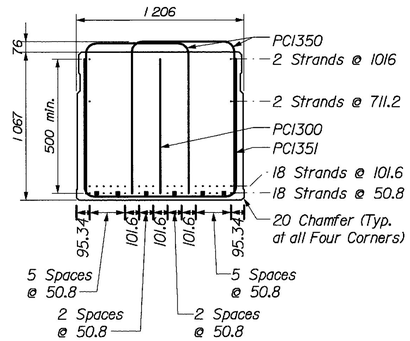
BENT BARS														
MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
PC1350	48	3030	SC	970	1090	970	*	*	*	*	*	*	*	Vertical
PC1351	48	2815	SC	1000	815	1000	*	*	*	*	*	*	*	Vertical



Box Beam Plan

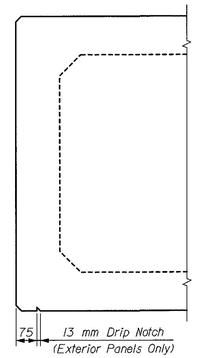


Box Beam Elevation

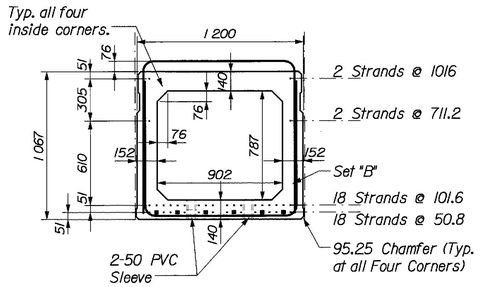


Precast Box Beam End Detail

- 12.7 ϕ Low Relaxation Strand Fixed
- ⊡ 12.7 ϕ Low Relaxation Strand Debonded 2.0062 m



Drip Notch Detail



Precast Box Beam Typical Section

- 12.7 ϕ Low Relaxation Strand Fixed
- ⊡ 12.7 ϕ Low Relaxation Strand Debonded 2.0062 m

Reinforcing Steel Sets	
Set	Description
A	2 - PC1350, 1 - PC1351, 1 - PC1300
B	2 - PC1350

REINFORCING STEEL NOTES

1. All dimensions are out-to-out of bar.
2. Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 318.
3. Reinforcing Bar: ASTM A615/A615M, Grade 420.

POST TENSIONING NOTES

1. Post tensioning strands shall be covered by a seamless polypropiene sheath for the full length of the strand except at the anchorage location . There shall be a corrosion inhibiting grease between the strand and sheath.
2. The grout used for the exterior pockets shall be of the same color and texture as the Precast Box Beam concrete.

PRESTRESSED SLAB NOTES

1. Reinforcing steel shall have 50 mm minimum cover unless otherwise indicated.
2. Install a 25 mm diameter non-metalic drain at each end of the Box Beam voids.
3. Longitudinal slab panel dimensions are horizontal.
4. Tensioning of prestressing strands shall be done in accordance with Standard and Supplemental Specifications Section 535. The jacking force applied to the prestressing strands shall be 138 kN.
5. The top surface of the Precast Box Beam shall be intentionally roughened with a raked finish (5 mm max. depth).
6. All prestressing strands shall be ASTM A416 Grade 1862 Mpa 12.7 mm diameter Low Relaxation Strand.
7. Precast Concrete : f'c (Final) = 48 MPa
   f'c (release) = 30 MPa

SUPERSTRUCTURE NOTES

1. Unless otherwise noted, reinforcing steel not embedded or anchored in precast concrete Box Beams will be paid for under the appropriate reinforcing steel pay items.
2. Form a 30 mm V-groove on the fascias at the horizontal joint between the sidewalk slab and cast in place concrete slab; and between the cast in place concrete slab and precast box beams.
3. The surface of the precast concrete box beams and the face of the concrete sidewalk shall be cleaned and bonding grout applied prior to placement of the concrete slab in accordance with subsection 502.11(g) of the Standard Specifications. Payment will be considered incidental to contract items.
4. Protective coating for concrete surfaces shall be applied to all exposed areas of sidewalk and fascia down to the drip notch.
5. The concrete slab shall be paid for under item 502.25, Structural Concrete Superstructure Slab.
6. After the precast box beams have been placed and post tensioned, drill for and anchor dowels into the bridge seat using a prequalified anchoring material. Fill sleeves at Abutment No. 1 with the same material used to anchor the dowels to within 50 mm of the top of the precast unit. At Abutment No. 2, fill the bottom 75 mm of the sleeves with an approved self leveling caulk using an approved device capable of delivering the caulk to the lowest portion of the hole. Then fill the hole to within 50 mm of the top with asphalt material meeting the requirements of Subsection 702.09 and cap with an approved self leveling caulk. The sleeves at Abutment No. 2 shall be filled full depth with an approved self leveling caulk.
7. Neoprene pads shall be either polychloroprene or natural polyisoprene of 50+/-5 shore A durometer hardness and shall conform to the requirements of Division 2, section 18.2 of AASHTO Standard Specifications for Highway Bridges. Neoprene pads shall cover the entire surface of the slab bearing area. Payment will be considered incidental to contract items.
8. The sidewalks shall be constructed of Low Permeability Concrete. The sidewalkss shall be paid for under item 502.49, Structural Concrete Curbs and Sidewalks
9. Screed Rails should be set according to the profile sheet and Vertical Bridge Curb should be set according to the curb profile sheet. Anticipate thickness of slab to vary.
10. Lateral posttentioning shall be in accordance with section 535 of the special provisions.

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Box Beam Details

SHEET OF AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	XXX	BY	DATE
DESIGN-DETAILED	E.C.	DWS	XXX
CHECKED	XXX		XXX
REVISIONS	XXX		XXX
FIELD CHANGES	XXX		XXX

PLANS

Filename: ...\036_boxbeamdtl.dgn Division: BRIDGE Username: Brian Nichols Date: 14 MAR 2002

REINFORCING STEEL SCHEDULE

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(001)X	37	45

007679.00

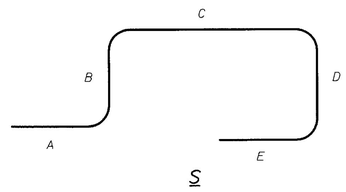
Straight Bars

Mark		Quantity	Length (m)	Location
Abutment #1 Footing				
F	1600	8	7.600	Transverse
F	1601	8	8.200	Transverse
F	1602	90	1.050	Longitudinal
F	1603	12	1.475	Vertical, n.f, f.f.
F	1604	10	1.500	Vertical, n.f, f.f.
F	1605	8	1.250	Vertical, f.f.
F	1606	8	1.275	Vertical, f.f.
F	1607	10	1.300	Vertical, f.f.
F	1608	10	1.330	Vertical, f.f.
F	1609	8	1.525	Vertical, n.f.
F	1610	8	1.560	Vertical, n.f.
F	1611	8	1.600	Vertical, n.f.
F	1612	14	1.225	Longitudinal
F	1613	4	0.775	Transverse
F	1614	28	1.350	Vertical
Abutment #1				
A	1600	18	7.550	Transverse
A	1601	4	5.700	Transverse
A	1602	2	1.900	Transverse
Abutment #1 End Panels				
P	1600	16	2.500	Vertical
P	1601	24	1.100	Longitudinal
Abutment #2 Footing				
F	1620	6	7.600	Transverse
F	1621	6	8.200	Transverse
F	1622	90	1.250	Longitudinal
F	1623	12	2.170	Vertical, n.f, f.f.
F	1624	10	2.190	Vertical, n.f, f.f.
F	1625	8	2.210	Vertical, f.f.
F	1626	8	1.960	Vertical, f.f.
F	1627	10	2.255	Vertical, f.f.
F	1628	10	2.010	Vertical, f.f.
F	1629	8	2.215	Vertical, n.f.
F	1630	8	1.975	Vertical, n.f.
F	1631	8	2.290	Vertical, n.f.
F	1632	14	1.200	Longitudinal
F	1633	4	1.000	Transverse
F	1634	2	6.700	Transverse f.f. (Short Side)
F	1635	2	7.250	Transverse f.f. (Overlapping)
Abutment #2				
B	1600	18	7.550	Transverse
B	1601	4	5.620	Transverse
B	1602	2	1.900	Transverse
Abutment #2 End Panels				
Q	1600	16	3.110	Vertical
Q	1601	32	1.100	Longitudinal
Superstructure				
S	1600	180	7.550	Transverse
S	1601	216	9.500	Longitudinal
Approach Slab				
AS	1900	16	4.600	Transverse
AS	1600	32	5.700	Longitudinal
Retaining Wall Section "A" Footing Center				
J	1600	6	8.500	Top & Btm. Long.
J	1601	40	1.050	Top & Btm. Transverse
J	1602	20	2.500	Vertical
Retaining Wall Section "A" Wall Center				
K	1600	11	8.500	Longitudinal
Retaining Wall Section "B" Footing Center				
J	1600	90	8.960	Top & Btm. Long.
J	1602	145	2.500	Vertical
J	1603	145	1.950	Btm. Transverse
Retaining Wall Section "B" Wall Center				
K	1600	131	8.960	Longitudinal
K	1601	147	3.000	Vertical
K	2200	223	3.000	Vertical
K	2200	223	3.000	Vertical

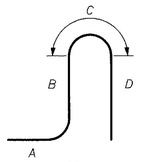
Bent Bars

Mark		Quantity	Length	Type	A	B	C	D	E	F	G	H	O	R	Location
Abutment #1															
A	1650	14	1.700	SC	0.600	0.500	0.600								Vertical/ Longitudinal
A	1651	14	0.900	L	0.600	0.300									Vertical/ Longitudinal
A	1652	6	1.850	SC	0.600	0.650	0.600								Vertical/ Longitudinal
Abutment #2															
B	1650	14	1.700	SC	0.600	0.500	0.600								Vertical/ Longitudinal
B	1651	14	0.900	L	0.600	0.300									Vertical/ Longitudinal
B	1652	6	1.850	SC	0.600	0.650	0.600								Vertical/ Longitudinal
Superstructure															
S	1650	180	3.100	S	0.350	0.350	1.675	0.375	0.350						Longitudinal
Sidewalk															
W	1650	180	1.200	R	0.225	0.385	0.205	0.385							Longitudinal
Retaining Wall Section "A" Footing Center															
J	2250	29	2.800	L	2.400	0.400									Vertical
Retaining Wall Section "B" Footing Center															
J	2250	418	2.900	L	2.500	0.400									Vertical
J	2251	211	2.400	L	2.000	0.400									Top Transverse

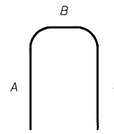
TYPE - BENDING DIAGRAMS



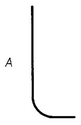
S



R



SC



L

All dimensions are out-to-out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 318.

Reinforcing Bar: ASTM A615/A615M, Grade 420

GENERAL NOTES

1. The first two digits following the letter(s) of the mark indicate the size ofthe bar:

   Mark "A1602" = bar size #16
   Mark "P2501" = bar size #25
   Mark "S1950" = bar size #19

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 shall be based on crank bars as schedule on the plans.

Bridge No. 1469

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered Center Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Reinforcing Steel Schedule

SHEET OF AUGUSTA, MAINE

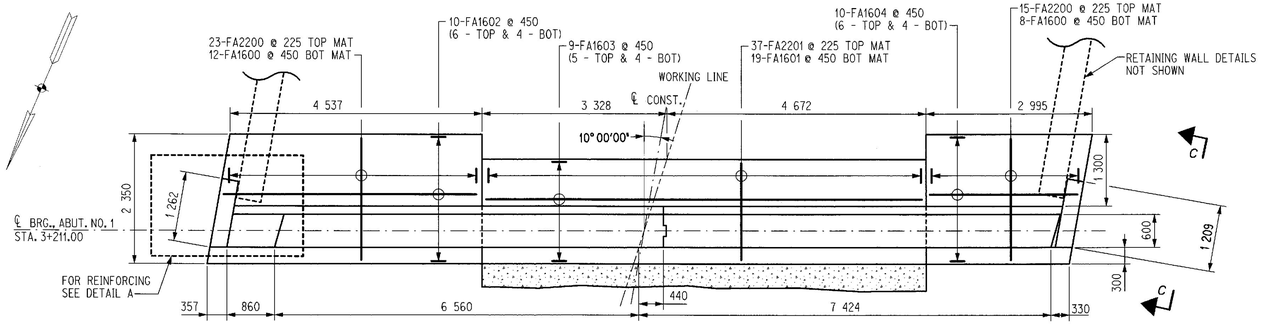
PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	ETC	
CHECKED	DMS	
REVISIONS		
FIELD CHANGES		

PLANS

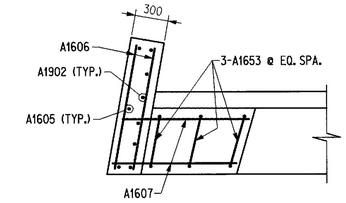
Username: Brian Nichols Date:14 MAR 2002
Division: BRIDGE
Filename: ...\037_rebarsched.dgn

P.I.N. 7680

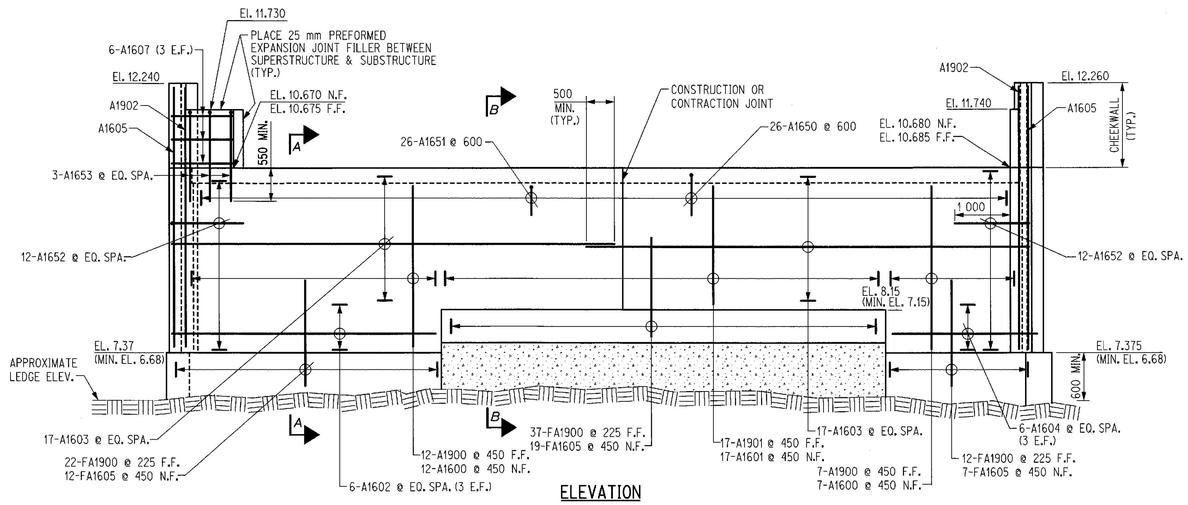
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	BR-7680(000)X STP-7680(000)X	38	45



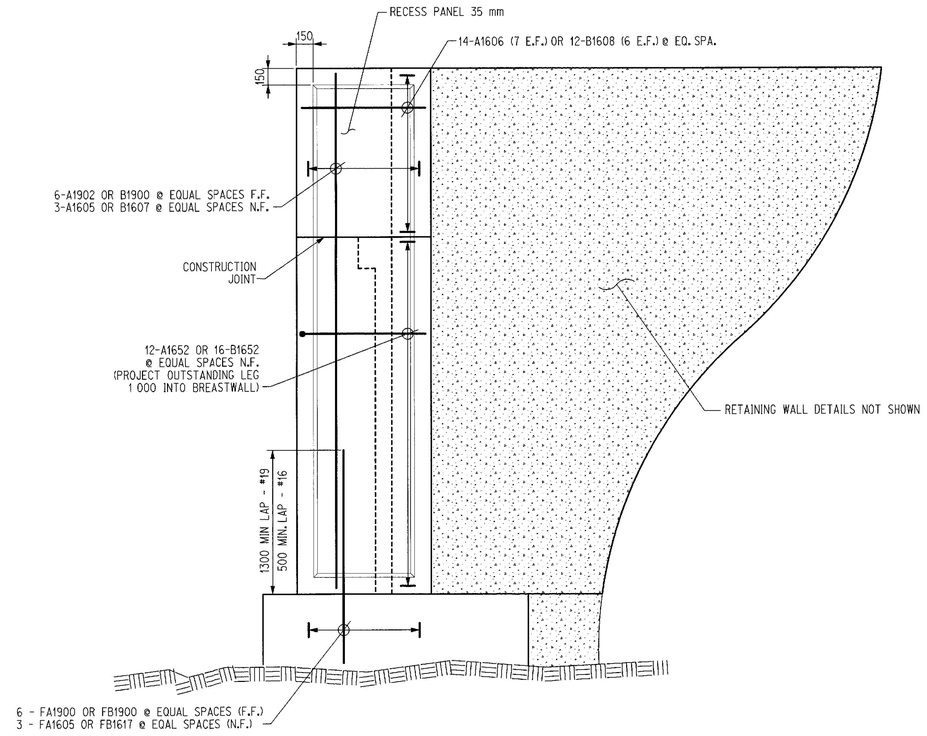
PLAN



DETAIL A

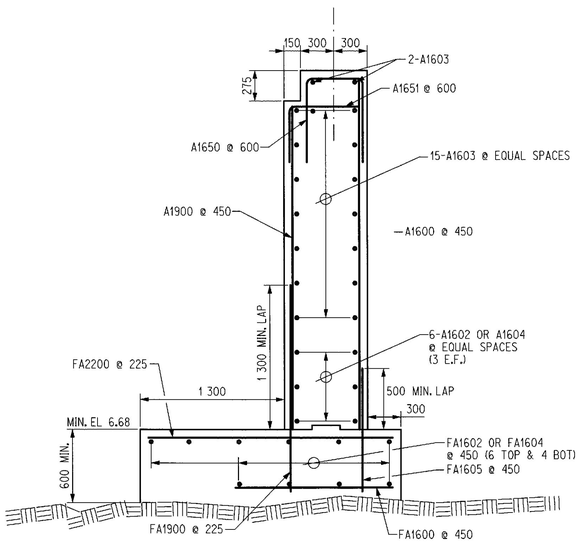


ELEVATION

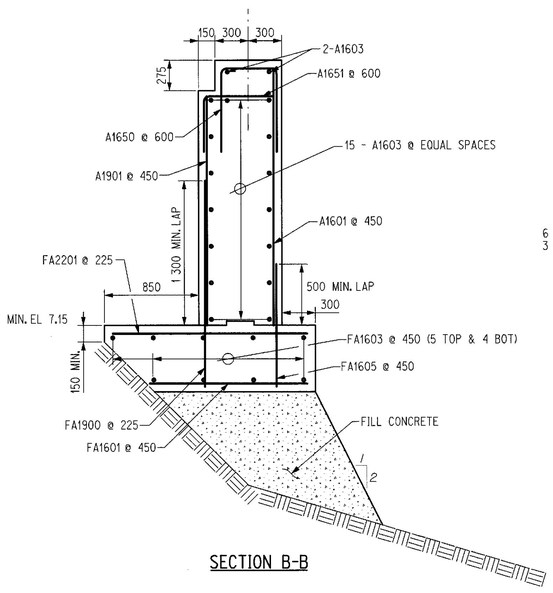


VIEW C-C

TYPICAL RETURN WING ELEV.
(ABUT. #1 SHOWN, #2 SIMILAR)



SECTION A-A



SECTION B-B

NOTES:

1. LEDGE ELEVATIONS SHOWN ARE APPROXIMATE. LOCATIONS & HEIGHTS OF STEPS IN FOOTING MAY BE ADJUSTED TO ACCOMODATE ACTUAL CONDITIONS AS APPROVED BY THE ENGINEER. FOOTING THICKNESS SHALL BE MAINTAINED BETWEEN 600 AND 1 200.
2. NUMBER AND LENGTH OF REINFORCEMENT BARS ARE BASED ON ANTICIPATED BOTTOM OF FOOTING & FOOTING STEP LOCATIONS. REINFORCEMENT MAY BE ADJUSTED TO ACCOMODATE ACTUAL CONDITIONS AS APPROVED BY THE ENGINEER.
3. NO LAP SPLICE IS REQUIRED BETWEEN HORIZONTAL FOOTING REINFORCEMENT @ FOOTING STEP LOCATIONS.
4. CHEEKWALL SHALL BE PLACED AFTER PRECAST BOX BEAMS HAVE BEEN ERECTED.
5. AT THE DESCRETION OF THE ENGINEER, UNREINFORCED FILL CONCRETE MAYBE PLACED BELOW THE FOOTING TO A THICKNESS NOT TO EXCEED 1 200mm.

PROJECT DESIGN ENGINEER	X		
DESIGN DETAILED	X	X	X
CHECKED		X	X
REVISIONS			X
FIELD CHANGES			X

PLANS

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

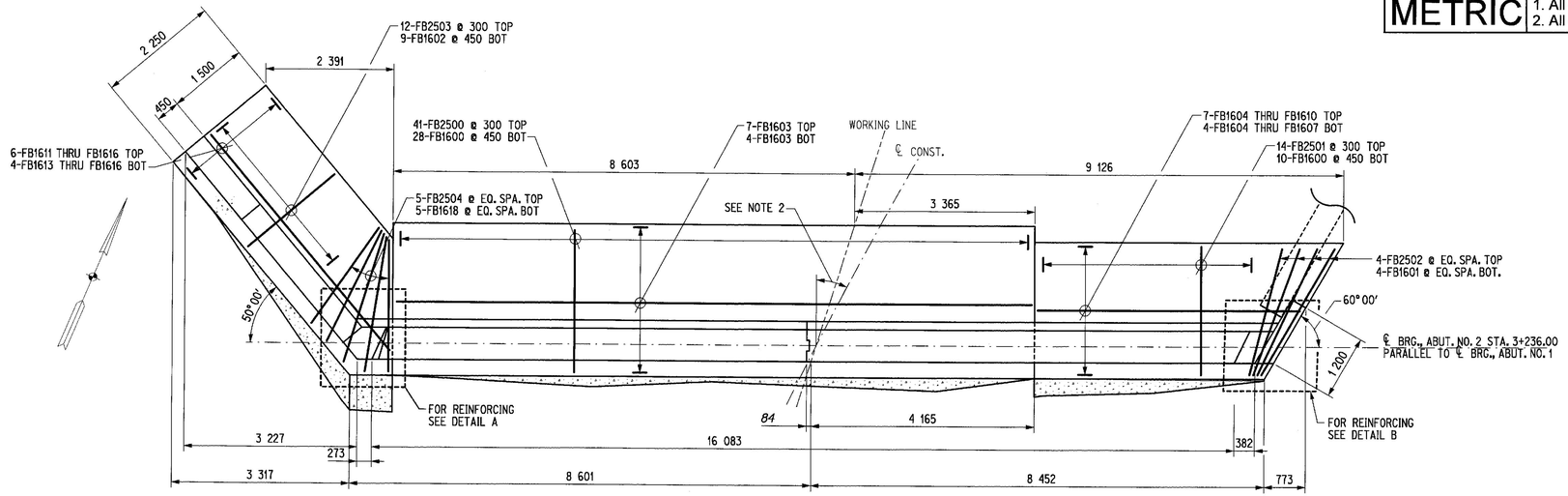
Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Abutment #1 Plan

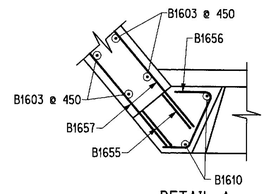
SHEET OF AUGUSTA, MAINE

P.I.N. 7680

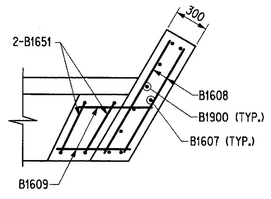
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	BR-7680(00)X STP-7680(00)X	39	45



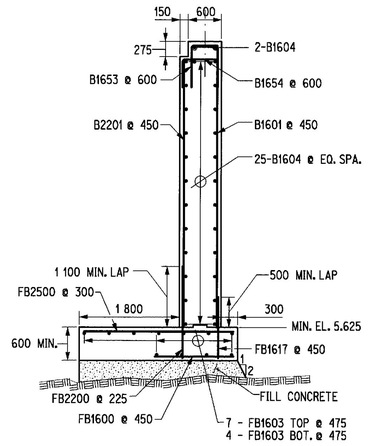
PLAN



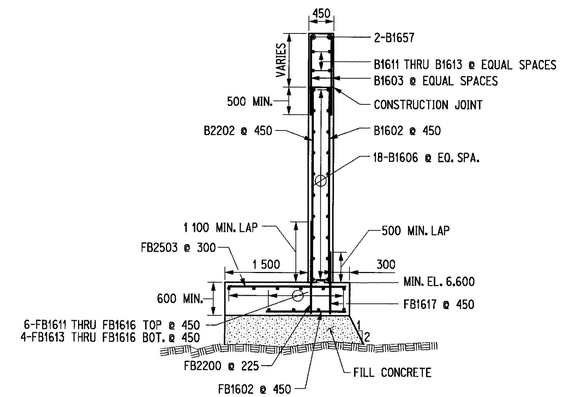
DETAIL A



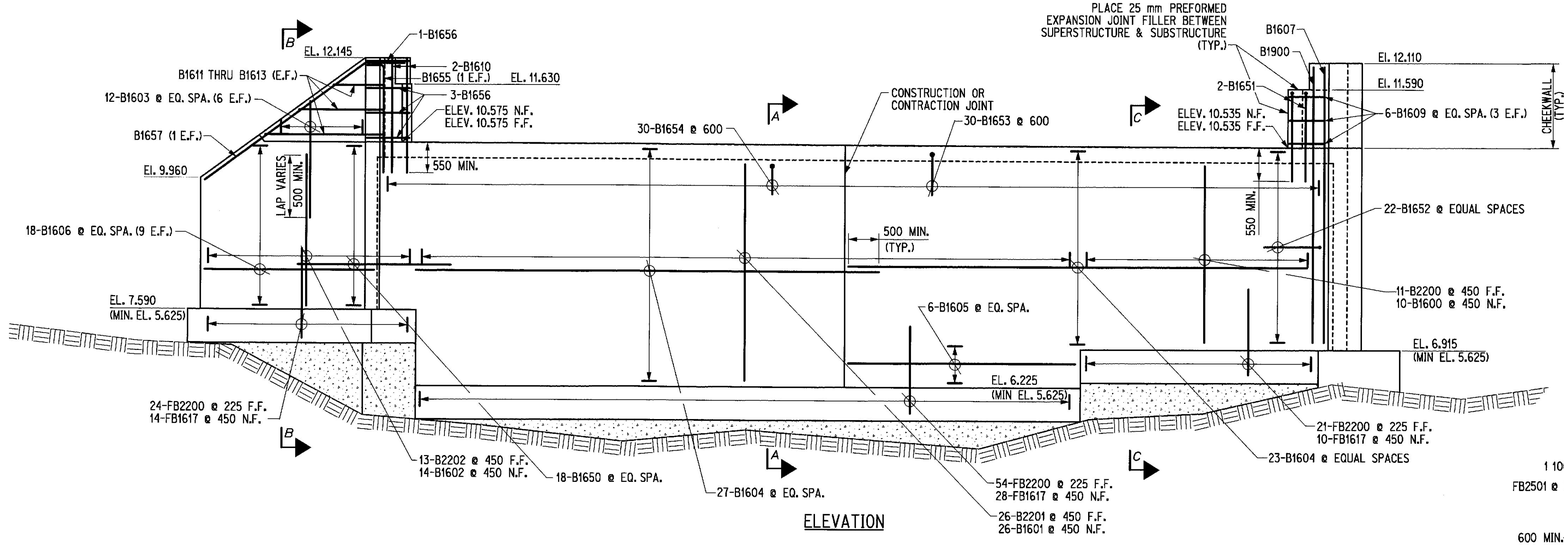
DETAIL B



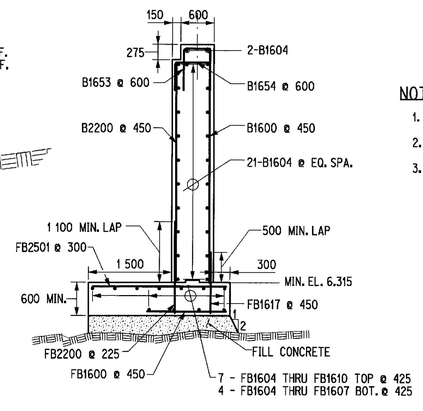
SECTION A-A



SECTION B-B



ELEVATION



SECTION C-C

NOTES:

1. ABUTMENT 2 SHALL BE BUILT PARALLEL TO ABUTMENT 1.
2. FOR TYPICAL CHEEKWALL ELEVATION SEE ABUTMENT 1 DRAWING.
3. FOR ADDITIONAL NOTES SEE ABUTMENT 1 DRAWING.

PROJECT DESIGN ENGINEER	X			
DESIGN-DETAILED		X	X	X
CHECKED		X	X	X
REVISIONS			X	X
FIELD CHANGES				X
PLANS				

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

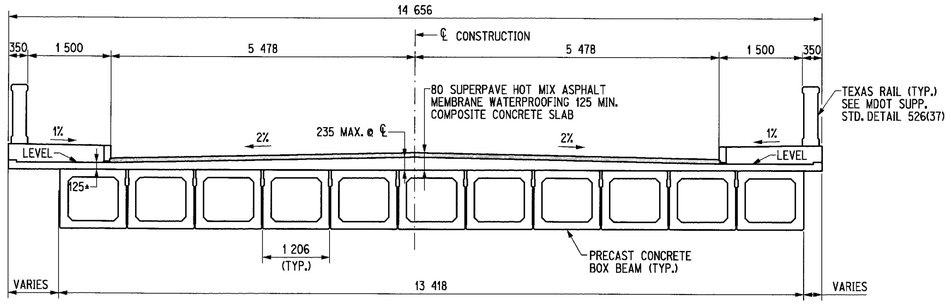
Abutment #2 Plan

SHEET OF AUGUSTA, MAINE

P.I.N. 7680

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

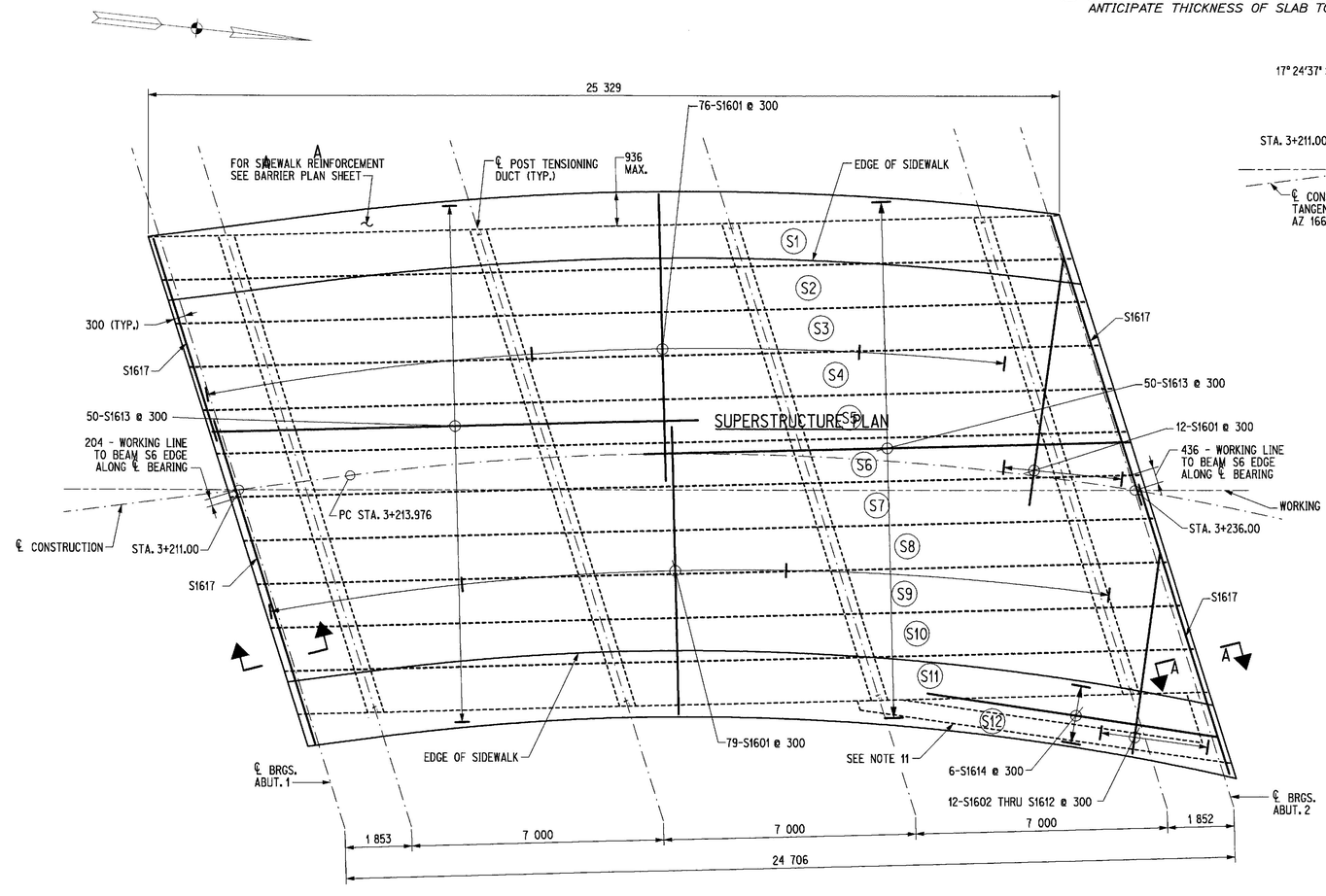
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7680(00)X STP-7680(00)X	40	45

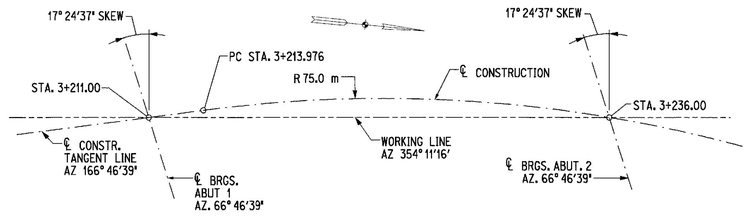


TRANSVERSE SECTION

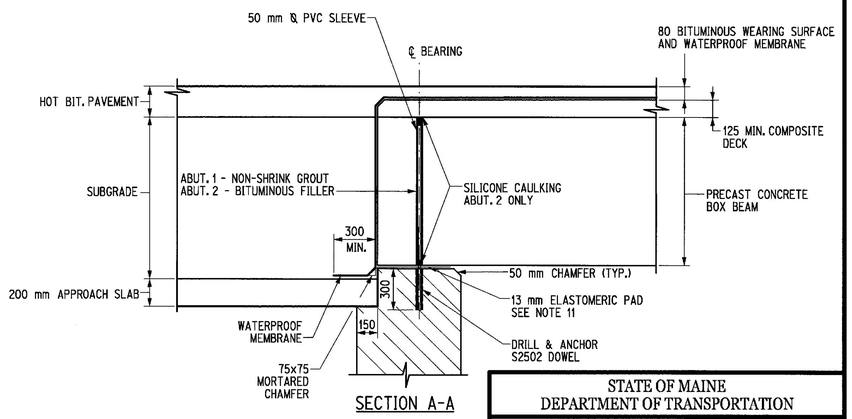
SUPERSTRUCTURE NOTES

1. REINFORCING STEEL SHALL HAVE 50 mm MINIMUM COVER UNLESS OTHERWISE NOTED.
2. UNLESS OTHER WISE NOTED, REINFORCING STEEL NOT EMBEDDED OR ANCHORED IN PRECAST CONCRETE SLABS WILL BE PAID FOR UNDER THE APPROPRIATE REINFORCING STEEL PAY ITEMS.
3. THE SURFACE OF THE PRECAST BOX SHALL BE CLEANED PRIOR TO THE PLACEMENT OF THE CAST-IN-PLACE CONCRETE SLAB IN ACCORDANCE WITH SUBSECTION 502.II(G) OF THE STANDARD SPECIFICATIONS. PAYMENT WILL BE CONSIDERED TO BE INCIDENTAL TO CONTRACT ITEMS.
4. PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED TO ALL EXPOSED AREAS OF SIDEWALK, RAIL, SLAB AND FASCIA DOWN TO THE DRIP NOTCH.
5. THE CAST-IN-PLACE CONCRETE SLAB SHALL BE PAID FOR UNDER ITEM 502.41 STRUCTURAL CONCRETE SUPERSTRUCTURE SLAB.
6. AFTER THE PRECAST BOXES HAVE BEEN PLACED AND POST TENSIONED, DRILL FOR AND ANCHOR DOWELS S250X INTO THE ABUTMENT USING NON-SHRINK GROUT MATERIAL APPROVED BY THE ENGINEER. FOR ABUT. 1 - FILL SLEEVES IN THE PRECAST BOX ENTIRELY WITH NON-SHRINK GROUT. FOR ABUT. 2 - FILL SLEEVES AT THE ENDS OF THE PRECAST BOX 50 mm DEEP WITH CAULKING. FILL SLEEVES UP TO WITHIN 50 mm OF THE TOP OF THE PRECAST BOX WITH NON-SHRINK GROUT. ALL WORK MATERIALS WILL BE CONSIDERED INCIDENTAL TO RELATED CONTRACT ITEMS.
7. NEOPRENE PADS SHALL BE EITHER POLYCHLOROPRENE OR NATURAL POLYISOPRENE OF 50+/-5 SHORE A DUROMETER HARDNESS AND SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 2, SECTION 18.2 OF AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES. NEOPRENE PADS SHALL BE PLACED AS SHOWN IN THE PLANS . PAYMENT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEMS.
8. LATERAL POSTENSIONING SHALL BE IN ACCORDANCE WITH SECTION 535 OF THE SPECIAL PROVISIONS.
9. THE GROUT MATERIAL USED IN THE SHEAR KEY SHALL MEET OR EXCEED THE REQUIREMENTS OF SUBSECTION 535 OF THE SPECIAL PROVISIONS.
10. THE ELASTOMERIC PAD THICKNESS SHALL BE 13 mm. THE PAD SHALL BE ONE PIECE 450 mm WIDE CENTERED ABOUT THE C BEARING. ENDS OF INDIVIDUAL PADS SHALL BE WITHIN 75 mm AND PARALELL TO THE EDGE OF THE PRECAST UNIT. AS AN OPTION, THE PAD MAY COVER THE ENTIRE LENGTH OF THE BRIDGE SEAT.
11. S12 IS A CAST-IN-PLACE CONCRETE BEAM. FOR GEOMETRY AND REINFORCING, SEE S12 DETAILS SHEET.
12. SCREED RAILS SHOULD BE SET ACCORDING TO THE PROFILE SHEET AND VERTICAL BRIDGE CURB SHOULD BE SET ACCORDING TO THE CURB PROFILE SHEET. ANTICIPATE THICKNESS OF SLAB TO VARY WITH A MINIMUM THICKNESS OF 125 MM





KEY PLAN



SECTION A-A

PROJECT DESIGN ENGINEER	X	BY	DATE
DESIGN DETAILED	X	X	X
CHECKED		X	X
REVISIONS		X	X
FIELD CHANGES		X	X

PLANS

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

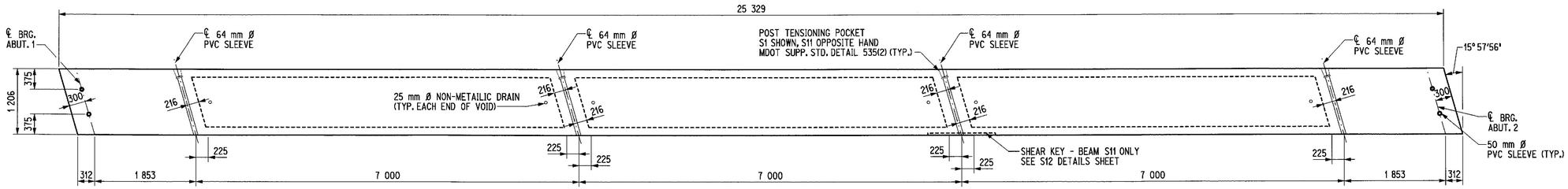
Superstructure

SHEET OF AUGUSTA, MAINE

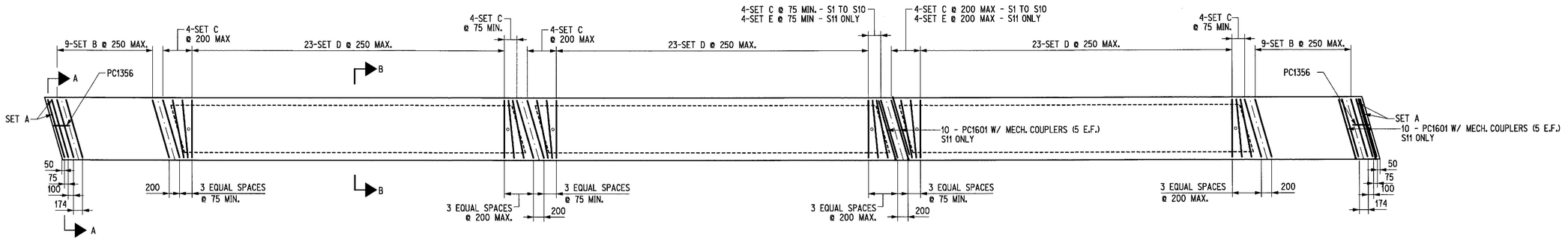
P.I.N. 7680

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

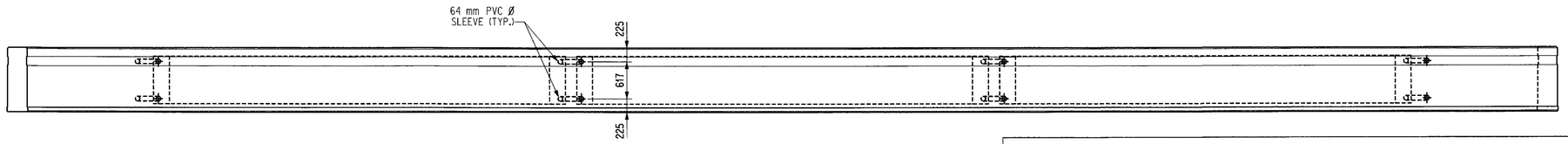
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7680(000)X STP-7680(000)X	41	45



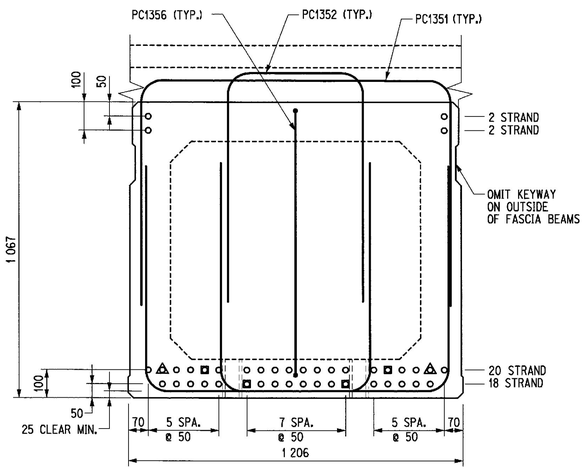
TYPICAL BOX BEAM PLAN



TYPICAL BOX BEAM REINFORCEMENT PLAN

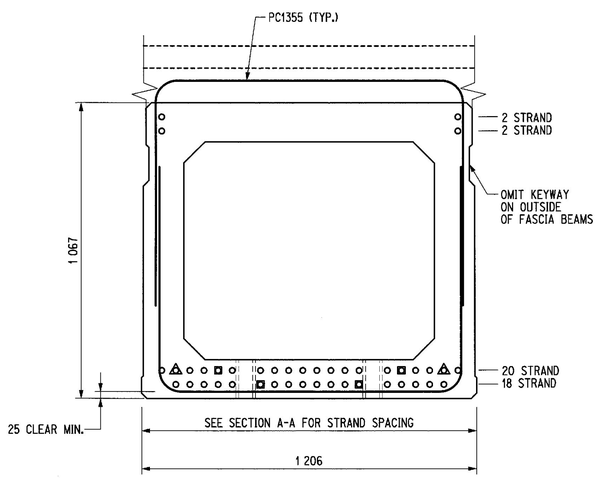


TYPICAL BOX BEAM ELEVATION



SECTION A-A

- ○ PRESTRESSING STRAND
- ◘ PRESTRESSING STRAND (DEBONDED 2 m)
- △ PRESTRESSING STRAND (DEBONDED 3 m)

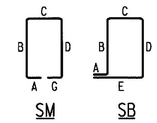


SECTION B-B

- ○ PRESTRESSING STRAND
- ◘ PRESTRESSING STRAND (DEBONDED 2 m)
- △ PRESTRESSING STRAND (DEBONDED 3 m)

PRECAST BOX BEAM REINFORCING STEEL SCHEDULE

MARK	QTY	LENGTH	TYPE	A	B	C	D	E	F	G	O	R	LOCATION
PC1301	66	965	STRGHT										DIAPH. 3 VERTICAL
PC1601	20	1080	STRGHT										HORIZ. MECH. SPLICE
PC1351	616	2745	SM	0	805	1135	805			0			STIRRUP
PC1352	88	2085	SM	0	805	475	805			0			END STIRRUP
PC1353	132	2735	SM	0	805	1125	805			0			STIRRUP
PC1354	132	2720	SM	0	805	1110	805			0			STIRRUP
PC1355	1650	2705	SM	0	805	1095	805			0			STIRRUP
PC1356	22	1555	SM	0	300	955	300			0			END VERT. STIRRUP
PC1357	2	2520	SB	0	805	1135	280	300					DIAPH. 3 STIRRUP
PC1358	2	2420	SB	0	805	1135	180	300					DIAPH. 3 STIRRUP
PC1359	2	1580	SM	0	300	980	300			0			DIAPH. 3 STIRRUP



SM SB

TYPE - BENDING DIAGRAM

REINFORCING STEEL SETS

SET	DESCRIPTION
A	2~PC1351, 2~PC1352
B	2~PC1351
C	2~PC1351, 2~PC1353, 2~PC1354 & 2~PC1355
D	2~PC1355
E	2~PC1355, 2~PC1354, 2~PC1353, 3~PC1301, PC1357, PC1358 & PC1359

PRECAST CONCRETE SUPERSTRUCTURE NOTES

1. INITIAL FORCE = 138 kN PER PRESTRESSING STRAND.
2. THE TOP SURFACE OF THE UPPER FLANGE OF THE PRESTRESSED BEAMS SHALL BE RAKED TO A SURFACE OF +/-6 mm.
3. THE DRILLING OF HOLES IN THE PRESTRESSED BEAMS AND THE USE OF POWER ACTUATED TOOLS ON THE BEAMS WILL NOT BE PERMITTED.
4. NEOPRENE PADS SHALL BE EITHER POLYCHLOROPRENE OR NATURAL POLYISOPRENE OF 50+/-5 SHORE A DUROMETER HARDNESS AND SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 2, SECTION 18.2 OF AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES. NEOPRENE PADS SHALL BE PLACED AS SHOWN IN THE PLANS . PAYMENT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEMS.
5. INSTALL A 25 mm DIAMETER NONMETALIC VOID DRAIN IN THE BOTTOM OF EACH VOID AT BOTH ENDS.
6. REINFORCING STEEL SHALL HAVE 50 mm MINIMUM COVER UNLESS OTHERWISE NOTED.
7. POST TENSIONING SHALL BE COVERED BY A SEAMLESS POLYPROPYLENE SHEATH, WITH CORROSION INHIBITING GREASE BETWEEN THE STRANDS AND SHEATH, FOR THE FULL LENGTH OF THE STRAND EXCEPT AT THE ANCHORAGE LOCATION.
8. Precast Concrete:
   f 'c (final) = 48 MPa
   f 'c (release) = 31 MPa

PROJECT DESIGN ENGINEER	X				
DESIGN-DETAILED		X			
CHECKED		X			
REVISIONS			X		X
FIELD CHANGES			X		X
PLANS					

BY	DATE
X	X
X	X
X	X
X	X
X	X

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

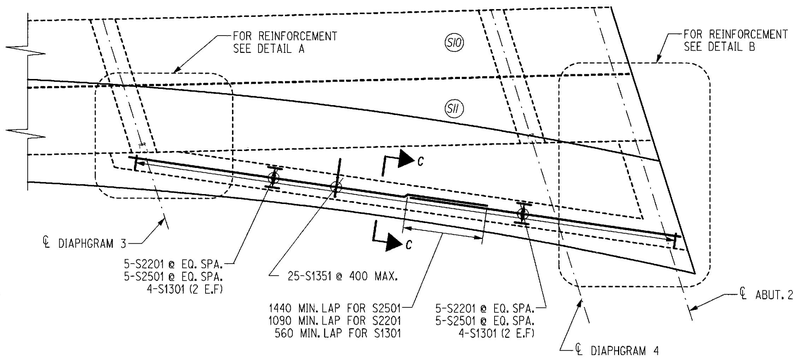
Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Box Beam Details

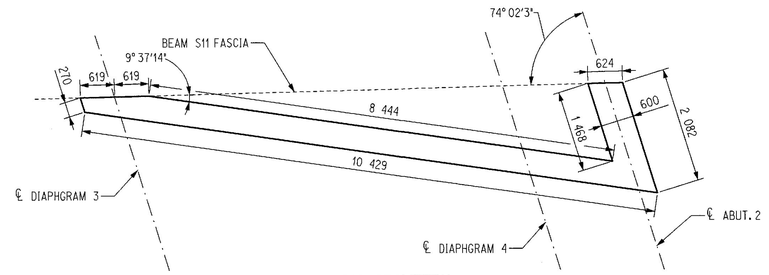
SHEET OF AUGUSTA, MAINE

P.I.N. 7680

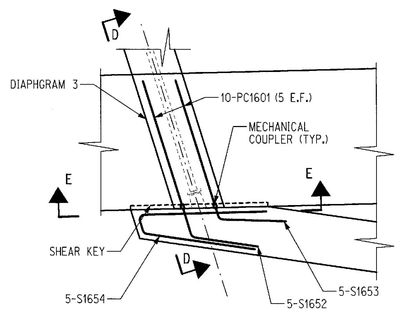
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	BR-7680(00)X STP-7680(00)X	42	45



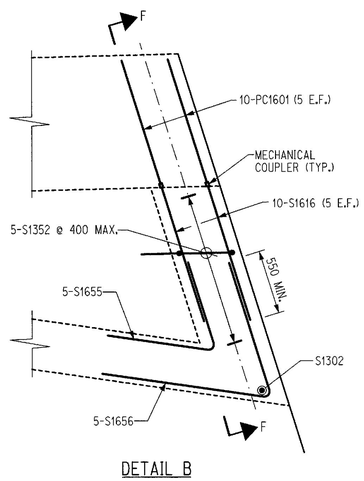
S12 PLAN



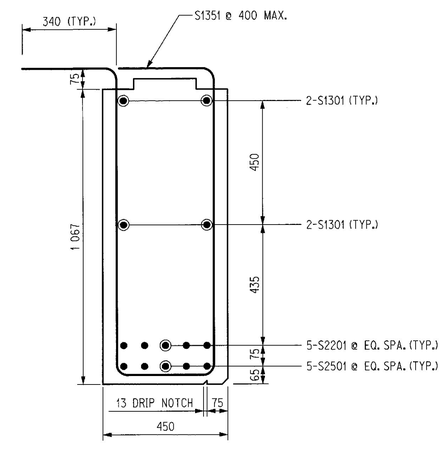
S12 GEOMETRY



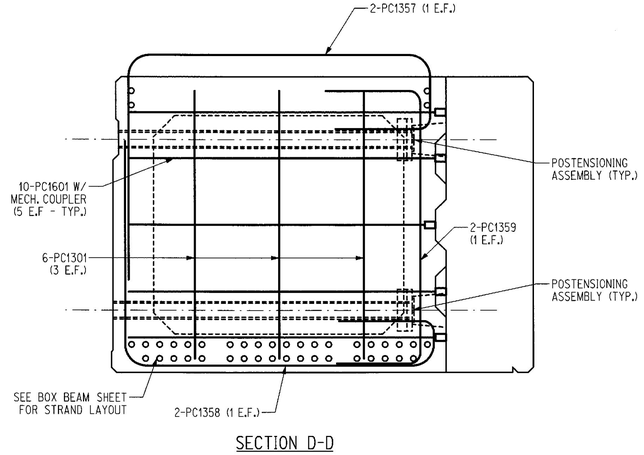
DETAIL A



DETAIL B



SECTION C-C



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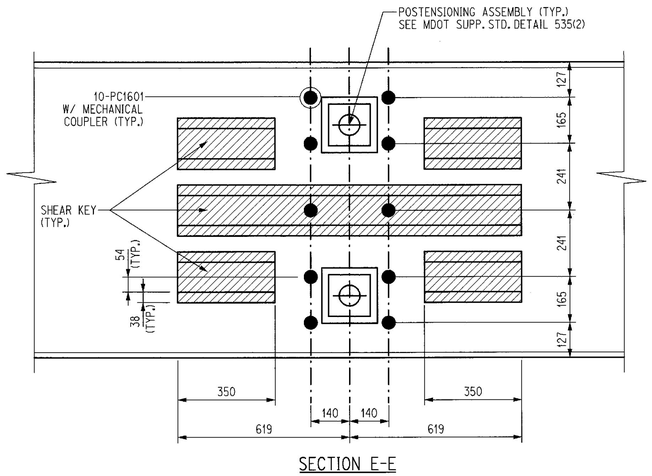
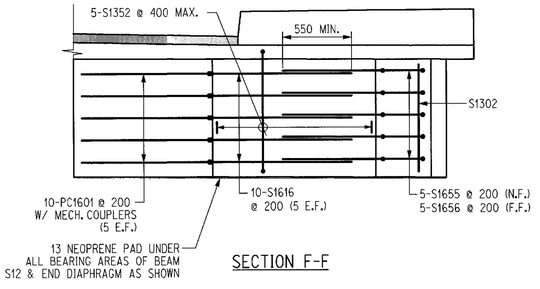


SECTION E-E



SECTION F-F

PROJECT DESIGN ENGINEER	X			
PLANS	DESIGN-DETAILED	X	X	X
	CHECKED		Y	X
	REVISIONS		X	X
	FIELD CHANGES		X	X

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County
T-Beam Details

SHEET OF AUGUSTA, MAINE

P.I.N. 7680

REINFORCING STEEL SCHEDULE

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7680(000)X STP-7680(000)X	43	45

STRAIGHT BARS

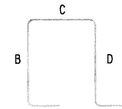
MARK	QTY.	LENGTH	LOCATION
SUPERSTRUCTURE			
S1301	4	5470	S12 LONGITUDINAL
S1302	1	965	S12 CORNER VERTICAL
S1601	167	7580	SLAB TRANSVERSE
S1602	1	7260	SLAB TRANSVERSE
S1603	1	6620	SLAB TRANSVERSE
S1604	1	5980	SLAB TRANSVERSE
S1605	1	5340	SLAB TRANSVERSE
S1606	1	4700	SLAB TRANSVERSE
S1607	1	4060	SLAB TRANSVERSE
S1608	1	3420	SLAB TRANSVERSE
S1609	1	2780	SLAB TRANSVERSE
S1610	1	2140	SLAB TRANSVERSE
S1611	1	1500	SLAB TRANSVERSE
S1612	1	860	SLAB TRANSVERSE
S1613	100	12915	SLAB LONGITUDINAL
S1614	6	12	SLAB LONGITUDINAL
S1615	7	9100	SIDEWALK LONG.
S1616	10	1265	S12 END DIAPHRAGM
S1617	4	8500	SLAB END TRANS.
S2201	5	5735	S12 LONGITUDINAL
S2501	5	5910	S12 LONGITUDINAL
S2502	44	1305	BOX BEAM DOWEL
ABUTMENT 1			
FA1600	20	1375	FOOTING TRANSV.
FA1601	19	1375	FOOTING TRANSV.
FA1602	10	4850	FOOTING LONG.
FA1603	9	7900	FOOTING LONG.
FA1604	10	2895	FOOTING LONG.
FA1605	44	1100	FOOTING DOWELS
FA1900	83	1900	FOOTING DOWELS
FA2200	38	2250	FOOTING TRANSV.
FA2201	37	1800	FOOTING TRANSV.
A1600	19	3235	STEM VERTICAL
A1601	17	2460	STEM VERTICAL
A1602	6	4665	STEM HORIZONTAL
A1603	34	8020	STEM HORIZONTAL
A1604	6	2535	STEM HORIZONTAL
A1605	6	4770	CHEEKWALL VERT.
A1606	28	1105	CHEEKWALL HORIZ.
A1607	6	1065	SLAB SEAT HORIZ.
A1900	19	2965	STEM VERTICAL
A1901	17	2190	STEM VERTICAL
A1902	12	4770	CHEEKWALL VERT.
ABUTMENT 2			
FB1600	38	1450	FOOTING TRANSV.
FB1601	4	1675	FOOTING TRANSV.
FB1602	9	1375	FOOTING TRANSV.
FB1603	11	11865	FOOTING LONG.
FB1604	2	4190	FOOTING LONG.
FB1605	2	4425	FOOTING LONG.
FB1606	2	4660	FOOTING LONG.
FB1607	2	4895	FOOTING LONG.
FB1608	1	5130	FOOTING LONG.
FB1609	1	5365	FOOTING LONG.
FB1610	1	5600	FOOTING LONG.
FB1611	1	3650	FOOTING LONG.
FB1612	1	4125	FOOTING LONG.
FB1613	2	4660	FOOTING LONG.
FB1614	2	5200	FOOTING LONG.
FB1615	2	5420	FOOTING LONG.
FB1616	2	5085	FOOTING LONG.
FB1617	55	1100	FOOTING DOWELS
FB1618	5	1525	FOOTING TRANSV.
FB1900	6	1900	FOOTING DOWELS
FB2200	99	1700	FOOTING DOWELS
FB2500	41	2750	FOOTING TRANSV.
FB2501	14	2450	FOOTING TRANSV.
FB2502	4	2840	FOOTING TRANSV.
FB2503	12	2150	FOOTING TRANSV.
FB2504	5	2535	FOOTING TRANSV.
B1600	10	3455	STEM VERTICAL
B1601	26	4175	STEM VERTICAL
B1602	14	2400	STEM VERTICAL
B1603	12	2305	WINGWALL VERTICAL
B1604	50	8510	STEM HORIZONTAL
B1605	6	3910	STEM HORIZONTAL
B1606	18	3080	WINGWALL HORIZ.
B1607	3	5000	CHEEKWALL VERT.
B1608	12	1100	CHEEKWALL HORIZ.
B1609	6	625	SLAB SEAT HORIZ.
B1610	2	2100	SLAB SEAT VERT.
B1611	2	1345	WINGWALL HORIZ.
B1612	2	2300	WINGWALL HORIZ.
B1613	2	3250	WINGWALL HORIZ.
B1900	6	5000	CHEEKWALL VERT.
B2200	11	3180	STEM VERTICAL
B2201	26	3900	STEM VERTICAL
B2202	13	2400	WINGWALL VERTICAL

MARK	QTY.	LENGTH	LOCATION
APPROACH SLAB			
AS1600	32	5560	TRANSVERSE
AS1601	32	6120	TRANSVERSE
AS1900	142	4600	LONGITUDINAL
RETAINING WALL SECTION "B" FOOTING			
J1600	40	8 960	TOP & BTM. LONGITUDINAL
J1602	78	2 500	VERTICAL
J1603	78	1 950	BTM. TRANSVERSE
RETAINING WALL SECTION "B" WALL			
K1600	58	8 960	LONGITUDINAL
K1601	78	3 000	VERTICAL
K2200	116	3 000	VERTICAL
RETAINING WALL SECTION "C" FOOTING			
J1600	12	8 960	TOP & BTM. LONGITUDINAL
J1602	22	2 500	VERTICAL
J1604	22	2 450	BTM. TRANSVERSE
RETAINING WALL SECTION "C" WALL			
K1600	28	8 960	LONGITUDINAL
K1601	22	3 000	VERTICAL
K1602	22	2 100	VERTICAL
K2200	61	3 000	VERTICAL
K2201	31	2 000	VERTICAL
EAST APPROACH RET. WALL FOOTING			
J1602	9	8 960	VERTICAL
J1603	9	3 000	BTM TRANSVERSE
J1605	12	2 100	LONGITUDINAL
EAST APPROACH RETAINING WALL			
K1603	16	3 820	LONGITUDINAL

BENT BARS

MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
SUPERSTRUCTURE														
S1351	25	3205	S	340	1095	335	1095			340				S12 STIRRUP
S1352	5	3360	S	340	1095	490	1095			340				S12 END STIRRUP
S1651	232	2820	SC	300	310	1600	310			300		1600		SIDEWALK TRANS.
S1652	5	890	V				290	600			536			S12 DOWEL
S1653	5	710	V				110	600			567			S12 DOWEL
S1654	5	2334	CB	0	980	51	148	1155	0			352	47.5	S12 HORIZ. STIRRUP
S1655	5	1825	A				840	985			885			S12 END DIAPHRAGM
S1656	5	2820	A				1280	1540			1390			S12 END DIAPHRAGM
ABUTMENT 1														
A1650	26	2035	SM	0	775	485	775			0				STEM CAP
A1651	26	1140	L	500	640									STEM CAP
A1652	24	2100	V				1100	1000			985			CHEEKWALL HORIZ.
A1653	3	4660	SM	0	2080	500	2080			0				SLAB SEAT STIRRUP
ABUTMENT 2														
B1650	18	3570	V				2345	1225			938			WINGWALL SPLICE
B1651	2	3660	SM	0	1550	560	1550			0				SLAB SEAT STIRRUP
B1652	22	2090	V				1090	1000			866			CHEEKWALL HORIZ.
B1653	30	2035	SM	0	775	485	775			0				STEM CAP
B1654	30	1140	L	500	640									STEM CAP
B1655	2	2375	L	2025	350									SLAB SEAT HOOK
B1656	4	1055	CB	0	265	95	475	220	0			500	47.5	SLAB SEAT STIRRUP
B1657	2	5340	V				350	4990			2185			WINGWALL TOP
TEXAS CLASSIC RAIL														
CR1660	228	1200	CB	0	425	236	425	0	175			150	75	SIDEWALK/BARRIER DOWEL
RETAINING WALL SECTION "B" FOOTING														
J2250	231	2 900	L	2 500	400									VERTICAL
J2251	117	2 400	L	2 000	400									TOP TRANSVERSE
RETAINING WALL SECTION "C" FOOTING														
J2950	61	2 900	L	2 500	400									VERTICAL
J2951	31	2 900	L	2 500	400									TOP TRANSVERSE
EAST APPROACH RETAINING WALL FOOTING														
J2251	13	3 310	L	2 500	400									VERTICAL
J2252	26	3 350	L	2 500	400									TOP TRANSVERSE
EAST APPROACH RETAINING WALL														
K1351	26	1 420	SM	0	560	300	560			0				VERTICAL
														TOP TRANSVERSE

TYPE - BENDING DIAGRAMS



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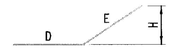

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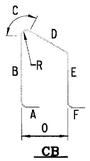

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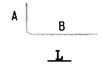

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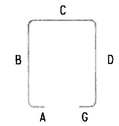

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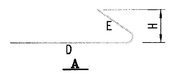

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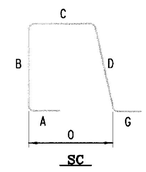

SC

ALL DIMENSIONS ARE OUT-TO-OUT OF BAR.

BENDING DETAILS AND HOOKS SHALL CONFORM TO THE RECCOMENDATIONS OF THE CURRENT REVISION OF ACI STANDARD 318.

REINFORCING BAR: ASTM A615/A615M. GRADE 420

CONSTRUCTION NOTES:

1. THE FIRST TWO DIGITS FOLLOWING THE LETTER(S) OF THE MARK INDICATE THE SIZE OF THE BAR:
   MARK 'A1602' = BAR SIZE 16
2. FOR REINFORCING STEEL COMPLETELY EMBEDDED IN BRIDGE RAIL REFERENCE SUPPLEMENTAL STANDARD DETAIL 526(49).

PROJECT DESIGN ENGINEER
DESIGN-DETAILED
CHECKED
REVISIONS
FIELD CHANGES
PLANS

BY	DATE

Date:
Username:
Division:
Filename:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Covered East Bridge
OVER
Machias River
IN THE TOWN OF
Machias
Washington County

Reinforcing Steel Schedule

SHEET OF AUGUSTA, MAINE

ITEM	TECH	CHECKED
BASE MAP	D.S.G.	
EXIST. R/W	D.S.G.	
PROP. LINES	G.L.L. & C.R.M.	
AREAS	D.S.G.	T.L.B.

REVISIONS		
NO.	DATE	DESCRIPTION

BY

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED OR RELIED UPON TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

METRIC

F.H.W.A. RDS. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679(00)X	44	45

STATE OF MAINE
DEPT. OF INLAND FISHERIES & WILDLIFE FOR A.S.A.
ITEM NO. (2-1)
CONST. & MAINT. EASE. =608± S.F.(1)
TEMP. ROAD EASE. = 629± S.F.(1)
TOTAL AREA = UNKNOWN

DAVID M. WHITNEY
ITEM NO. (1)
TEMP. ROAD EASE.= 581± S.F.(1)

STATE OF MAINE
DEPT. OF INLAND FISHERIES & WILDLIFE FOR A.S.A.
PARCEL NO. $(2\text{-}3)_4$
LAND = 1487± S.F.
TEMP. ROAD EASE. = 1058± S.F.(1)
TOTAL AREA = 2545± S.F.
REM. AREA = 1058± S.F.

TOWN OF MACHIAS
PARCEL NO. $(4\text{-}1)_2$
LAND TAKEN = 65± S.F.
TEMP. ROAD EASE. = 1941± S.F. (1)
TOTAL AREA = 4116± S.F.
REM. AREA = 4051± S.F.

STATE OF MAINE
DEPT. OF INLAND FISHERIES & WILDLIFE FOR A.S.A.
PARCEL NO. $(2\text{-}4)_4$
LAND = 126± S.F.(PRESC. EASE.)
LAND = 357± S.F.(OTHER)
TOTAL LAND = 483± S.F.
TEMP. ROAD EASE. = 2302± S.F. (1)
TOTAL AREA = UNKNOWN

CURVE DATA
P.I. STA. 3+022.46
Δ = 41°-14'-15.5" LT.
T = 103.469 m
L = 197.927 m
E = 18.821 m
R = 275.000 m

STA. 3+080.000
Begin Project NO. BR- 007681(00)X
Match Highway Project
NO. STP-7676(00)X

RICHARD A. BRUNO
JOYCE A. BRUNO
PARCEL NO. (3)
BUILDING = (1)
LAND TAKEN = 14,239± S.F. (ENTIRE LOT)
NOTE: THIS LOT SUBJECT TO FLOWAGE RIGHTS RESERVED TO BANGOR HYDRO ELECTRIC COMPANY

Acceptable Temporary In-Water Footing locations for Piers. See Special Provision 510

Acceptable Temporary In-Water Footing locations for Piers. See Special Provision 510

Existing Catch Basin & Outlet Pipe to be removed

Approximate Temporary Centerline

Utility vault by others 2 STRY. WFD

Utility conduit by others. See Superstructure sheet No. 27 for details (Typ.)

Utility condult by others. See Superstructure sheet No. 27 for details (Typ.)

U.S. ROUTE 1

DUBLIN STREET

ELM ST.

COVERED WEST BRIDGE
MACHIAS RIVER
12.5 m Clear Span

COVERED CENTER BRIDGE
12.0± m (39'±)

COVERED EAST BRIDGE
22.9± m (75'±)

BANGOR HYDRO-ELECTRIC CO.

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION

SEE SURVEY PLAN
PLAN OF DUBLIN MILL PRIVILEGE
JAN. 13,1853
BANGOR HYDRO FILE

STATE OF MAINE
DEPARTMENT OF INLAND FISHERIES & WILDLIFE FOR A.S.A.
PARCEL NO. (2-5)$_4$
LAND =772± S.F.
GRADING RIGHTS = 560 S.F.(1)
TOTAL AREA = 24,994± S.F.
REM. AREA = 24,222±S.F.
SEE PLAN OF SURVEY 201 BY HR TAYLOR

COVERED WEST, CENTER AND EAST BRIDGES OVER MACHIAS RIVER

STATE OF MAINE
DEPARTMENT OF INLAND FISHERIES & WILDLIFE FOR A.S.A.

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
3	RICHARD A. & JOYCE A. BRUNO	COND.	01-28-2002	2593	275

AREA SURVEY PLANS FOUND IN BANGOR HYDRO FILES
SKETCH MAP 'SHOWING WATER PRIVILEGE'
PLAN SHOWING 'PROPERTY OF MAUNE SEABOARD PAPER CO.'
MULLALY PASTURE TO MIDDLE RIVER
COMPLED PLAN 'LAND OWNED AT LOWER AND UPPER MILLSITES'

EXISTING R/W
S.H.C. FILE NO. 15 - 14 (1932)
D.O.T. FILE NO. 15 - 220 (1987)

P.I.N. 007679.00 COVERED CENTER BRIDGE BRIDGE NO. 1469
P.I.N. 007680.00 COVERED EAST BRIDGE BRIDGE NO. 2191
P.I.N. 007681.00 COVERED WEST BRIDGE BRIDGE NO. 1470

SYMBOLS

- ○ IP (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP

STATE HIGHWAY "44" (U.S. 1)(DUBLIN STREET)
MACHIAS — WASHINGTON COUNTY
FEDERAL AID PROJECT NOS. BR-7679(00)X BR-7680(00)X BR-7681(00)X

DATE: JANUARY 2001
SCALE: 1 = 250
SHEET NO. 1 OF 2 SHEETS

JOHN G. MELROSE — COMMISSIONER

D.O.T. FILE NO. 15 - 283

JOHN E. DORITY — CHIEF ENGINEER

MAR 18 2002

Filename: ...\001_RWPlan1.dgn Username: Phil Trask Date: 18 MAR 2002 Division: ROW

ITEM	TECH	CHECKED
BASE MAP	D.S.G.	
EXIST. R/W	D.S.G.	
PROP. LINES	G.L.L. &	C.R.M.
AREAS	D.S.G.	T.L.B.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

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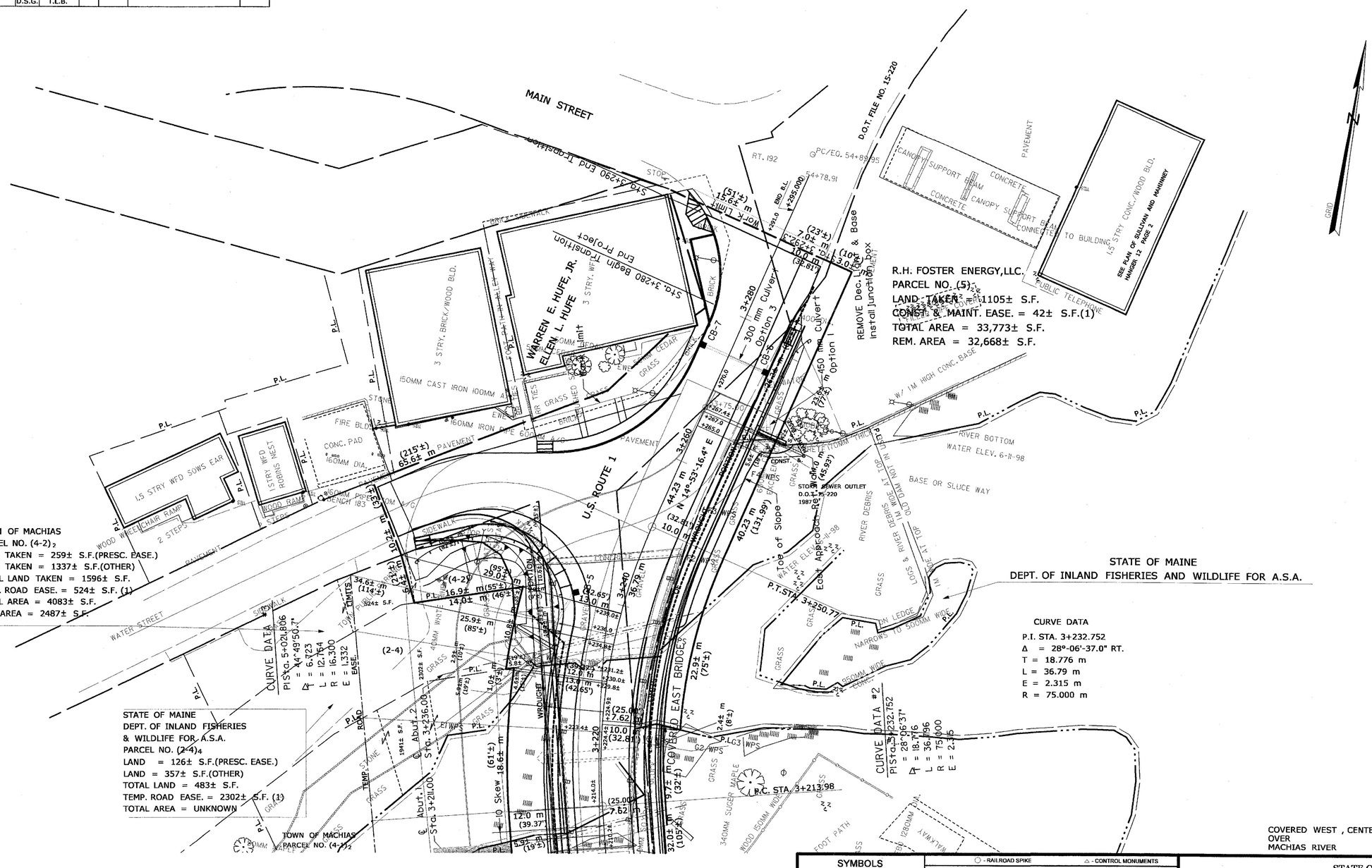
METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-7679X001X	45	45



NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION

AREA SURVEY PLANS FOUND IN BANGOR HYDRO FILES
SKETCH MAP 'SHOWING WATER PRIVILEGE'
PLAN SHOWING 'PROPERTY OF MAINE SEABOARD PAPER CO.'
MULLALY PASTURE TO MIDDLE RIVER
COMPLED PLAN 'LAND OWNED AT LOWER AND UPPER MILLSITES'

EXISTING R/W

S.H.C. FILE NO. 15 - 14 (1932)
D.O.T. FILE NO. 15 - 220 (1987)

P.I.N. 007679.00 COVERED CENTER BRIDGE BRIDGE NO. 1469
P.I.N. 007680.00 COVERED EAST BRIDGE BRIDGE NO. 2191
P.I.N. 007681.00 COVERED WEST BRIDGE BRIDGE NO. 1470

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP

STATE HIGHWAY "44" (U.S. 1)(DUBLIN STREET)
MACHIAS WASHINGTON COUNTY

FEDERAL AID PROJECT NOS. BR-7679(00)X BR-7680(00)X BR-7681(00)X

DATE: JANUARY 2001

SCALE: 1 = 250

SHEET NO. 2 OF 2 SHEETS

JOHN G. MELROSE
COMMISSIONER

D.O.T. FILE NO. 15 - 283

JOHN E. DORITY
CHIEF ENGINEER

MAR 1 8 2002

Filename: ...\002_RWPlan2.dgn Division: ROW Username: PhilTrask Date: 18 MAR 2002