

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Sixth Edition 2012.

TRAFFIC DATA

Current (2012) AADT	1440
Future (2032) AADT	2160
DHV - % of AADT	11
Design Hour Volume	238
Heavy Trucks (% of AADT)	5
Heavy Trucks (% of DHV)	2
Directional Distribution (% of DHV)	55
18 kip Equivalent P 2.0	26
18 kip Equivalent P 2.5	24
Design Speed (mph)	40

HYDROLOGIC DATA

Drainage Area	39.4 sq mi
Design Discharge (Q50)	2049 cfs
Check Discharge (Q100)	2338cfs
Headwater Elevation (Q50)	17.3 ft
Headwater Elevation (Q100)	17.6 ft
Discharge Velocity (Q50)	10.1 fps
Discharge Velocity (Q100)	10.6 fps
Headwater Elevation (Q1.1)	14.4 ft
Discharge Velocity (Q1.1)	6.4 fps
Headwater Elevation (Q25)	16.9 ft

MATERIALS

Concrete:	Shotcrete
Structural Steel:	
Sheet Pile	ASTM A572, Grade 50
All Material (except as noted)	ASTM A 709, Grade 50
High Strength Bolts	ASTM A 325, Type 3

BASIC DESIGN STRESSES

Concrete	f 'c = 5,000 psi
Structural Steel:	
ASTM A572, Grade 50	F y = 50,000 psi
ASTM A 709, Grade 50	F y = 50,000 psi
ASTM A 325	F μ = 120,000 psi

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TOPSHAM SAGADAHOC COUNTY CATHANCE BRIDGE OVER CATHANCE RIVER CATHANCE ROAD FEDERAL AID PROJECT NO. AC-BR-1927(700)X PROJECT LENGTH 0.000 mi. BRIDGE NO. 5123

UTILITIES

Central Maine Power Company
Fairpoint Communications

Comcast Cable

MAINTENANCE OF TRAFFIC

Road will be closed for a period of time specified within the Special Provisions. Traffic will be detoured onto State roads during the closure.

PROJECT LOCATION:	43° 57' 42.5" N 69° 55' 48.3" W Cathance Rd. Approx 1.1 mile North of Route 24 Intersection
PROGRAM AREA:	Bridge
OUTLINE OF WORK:	Bridge rehabilitation of southerly abutment wing walls with some approach work including pavement repair and guardrail work.

STATE OF MAINE	DEPARTMENT OF TRANSPORTATION	DATE
APPROVED		4/30/13
COMMISSIONER:		3-27-13
CHIEF ENGINEER:		



	SIGNATURE
9918	P.E. NUMBER
MAR 26 2013	DATE

PROGRAM	BRIDGE
PROJECT MANAGER	MARK PARLIN
DESIGNER	ROGER NAOJUS
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

AC-BR-1927(700)X	WIN 19277.00
TOPSHAM CATHANCE BRIDGE	TITLE SHEET

SHEET NUMBER
1
OF 11

Filenome:\00\BRIDGE\MSTA\001_Title.dgn
 Division: BRIDGE
 Username: brion.jnichols
 Date:3/26/2013

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.24	COMMON BORROW	20	CY
515.21	PROT. COATING FOR CONC. SURFACES: XYPEX CONCENTRATE (75 SY)	1	LS
517.61	SHOTCRETE	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I (60 LF)	1	LS
527.303	ENERGY ABSORBING SYSTEM (ET-PLUS)	1	EA
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	25	LF
606.232	GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	50	LF
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	3	EA
609.31	CURB TYPE 3	80	LF
610.08	PLAIN RIPRAP	50	CY
613.319	EROSION CONTROL BLANKET	100	SY
615.07	LOAM	20	CY
618.1401	SEEDING METHOD NUMBER 2 - PLAN QUANTITY	3	UN
619.1201	MULCH - PLAN QUANTITY	3	UN
619.1401	EROSION CONTROL MIX	40	CY
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.171	TRUCK - SMALL (INCLUDING OPERATOR)	20	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	TYPE III BARRICADE	6	EA
652.33	DRUM	10	EA
652.34	CONE	20	EA
652.35	CONSTRUCTION SIGNS	500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (60 CD)	1	LS
652.38	FLAGGER	100	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GEOSYNTHETIC REINFORCED SOIL WALL - ALT. "A"

304.10	AGGREGATE SUBBASE COURSE - GRAVEL	80	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	10	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	10	T
409.15	BITUMINOUS TACK COAT - APPLIED	3	G
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
620.621	GEOSYNTHETIC REINFORCED SOIL (GRS) WALL	420	SY
627.733	4 INCH WHITE OR YELLOW PAINTED PAVE MRK LINE	30	LF

GABION WALL - ALT "B"

304.10	AGGREGATE SUBBASE COURSE - GRAVEL	80	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	10	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	10	T
409.15	BITUMINOUS TACK COAT - APPLIED	3	G
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
601.221	GABIONS, PVC COATED, HAND FILLED	150	CY
627.733	4 INCH WHITE OR YELLOW PAINTED PAVE MRK LINE	30	LF

ALTERNATE "C" - SHEET PILING

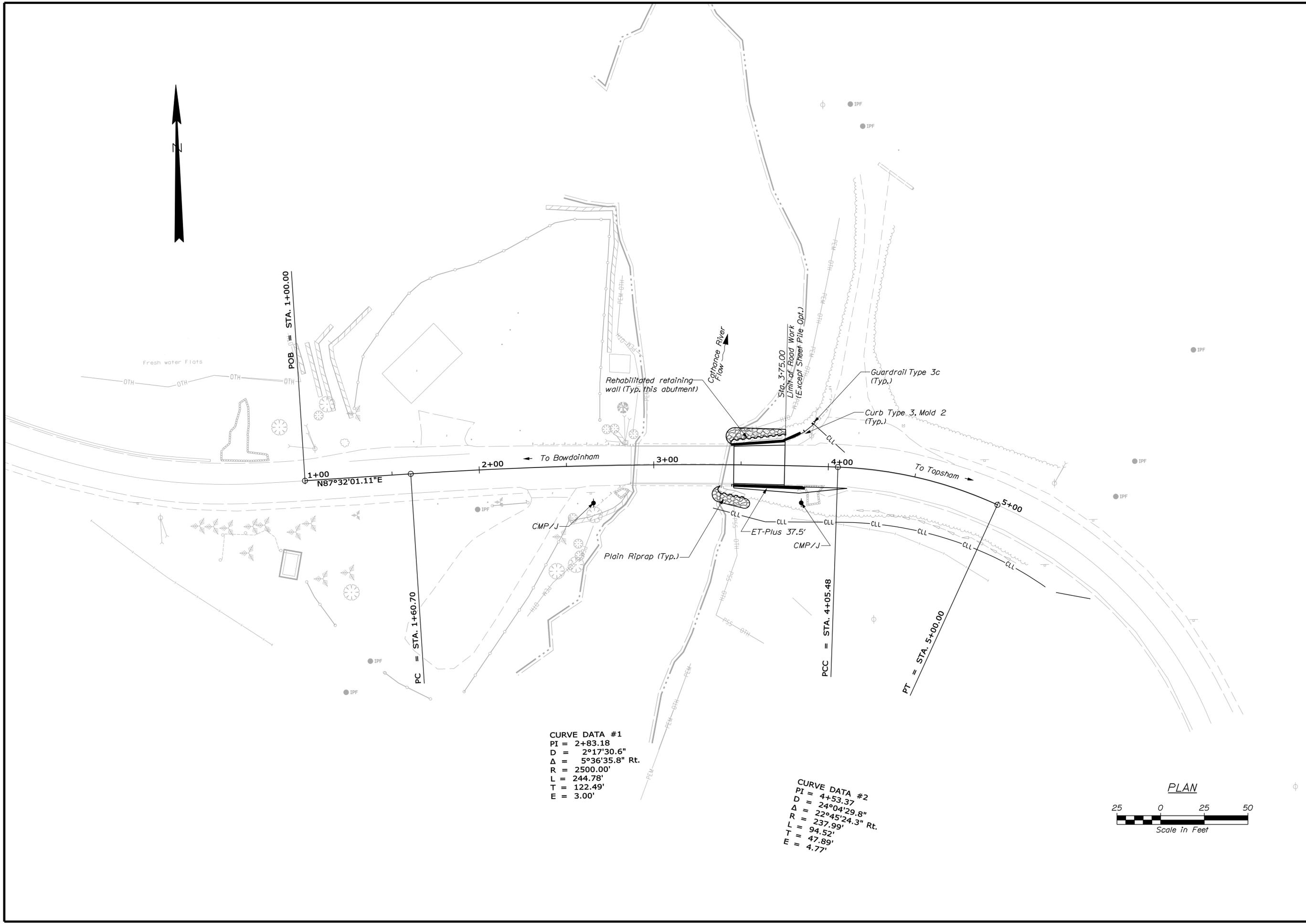
501.30	STEEL SHEET PILING	900	SF

GENERAL CONSTRUCTION NOTES

- During construction, the road will be closed to traffic for a time period specified in the Special Provisions.
- 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.
- All embankment material, except as otherwise shown, placed below EL. 17.29 shall be Granular Borrow meeting the requirements of Subsection 703.19, Material for Underwater Backfill.
- 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.
- Guardrail posts as shown in the Standard Details shall be modified from the indicated length of 6 feet to a length of 7 feet with an embedment of 4.5 feet. Payment will be considered incidental to the guardrail pay items.
- 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.
- Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/*projecttbl.
- 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 Report for the Rehabilitation of Cathance Bridge over Cathance River, Topsham, Maine, Soils Report No. 2012-18, August 9, 2012, 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.

- If the Sheet Pile Wall Alternate is selected, any pavement damaged shall be repaired to the Resident's satisfaction at the Contractor's expense. If the GRS or Gabion Alternate is selected, the east approach shall be repaved to the limits shown on the plans. Any pavement damaged outside of those limits shall be repaired to the Resident's satisfaction at the Contractor's expense.
- Gaps between stones in the existing abutments shall be shotcreted in accordance with Special Provision Section 517. Limits of work shall be any exposed face of existing stacked stone abutments and wings, which is above the waterline or existing ground line, except those portions of the easterly abutment wingwalls within the limits of wingwall rehabilitation work.
- At no time shall the Contractor be permitted to load the existing bridge in excess of 28 tons.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
CATHANCE BRIDGE		AC-BR-1927(700)X	
CATHANCE RIVER		WIN	
TOPSHAM		BRIDGE NO. 5123	
SAGADAHOC COUNTY		19277.00	
ESTIMATED QUANTITIES		BRIDGE PLANS	
PROJ. MANAGER	MARK PARLIN	DATE	
CHECKED-DETAILED	R. NAUIG	BY	B. NICHOLS
DESIGNS DET. ALOD			D. DAMREN
DESIGNS DET. ALOD			
REVISIONS 1		SIGNATURE	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		DATE	
REVISIONS 4			
FIELD CHANGES			
SHEET NUMBER			
2			
OF 11			

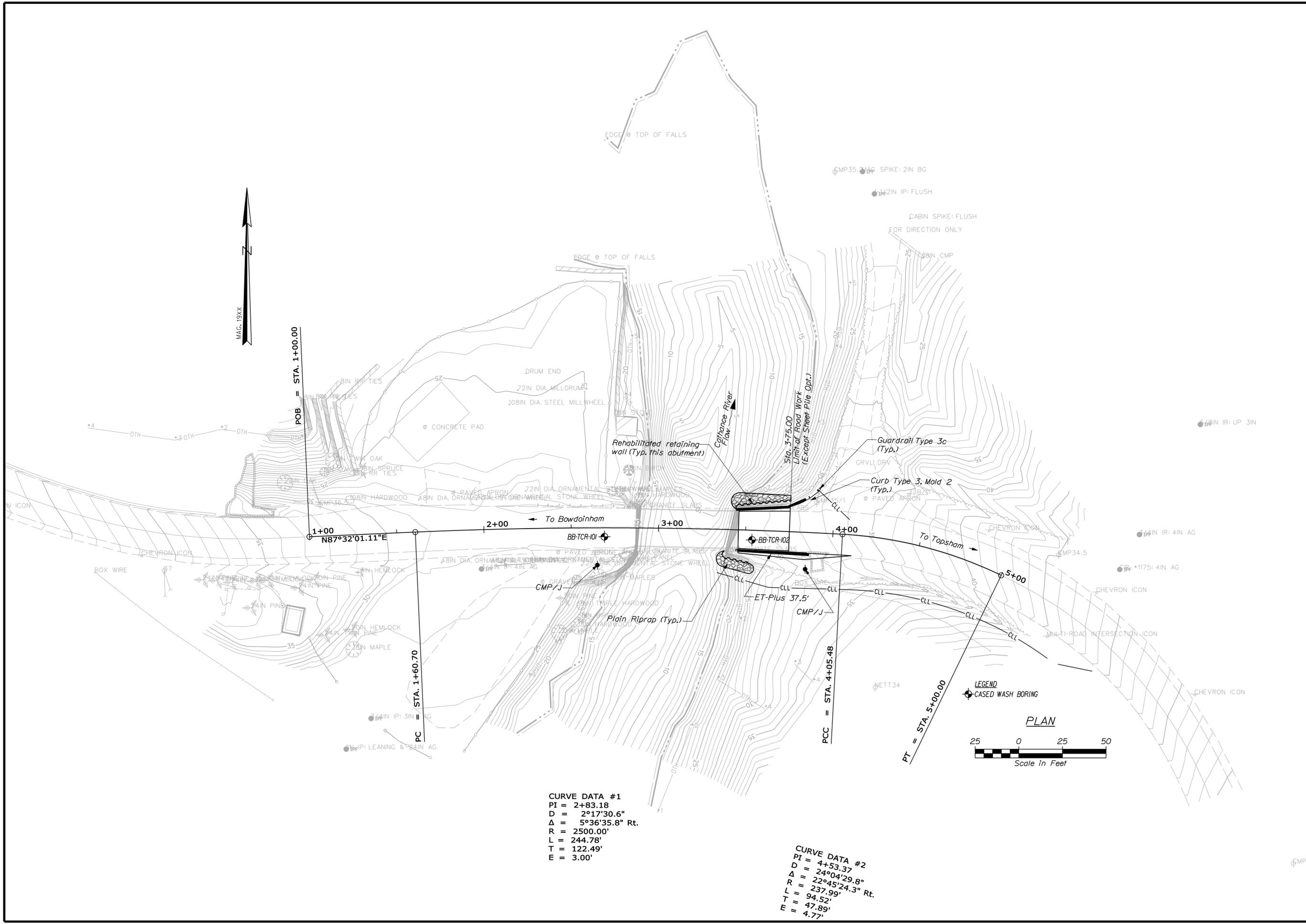


STATE OF MAINE		DATE	
DEPARTMENT OF TRANSPORTATION		B. NICHOLS JAN 2012	
AC-BR-1927(700)X		SIGNATURE	
BRIDGE NO. 5123		P.E. NUMBER	
WIN		DATE	
19277.00		BRIDGE PLANS	
CATHANCE BRIDGE		PROJ. MANAGER	
CATHANCE RIVER		MARK PARLIN	
SAGADAHOC COUNTY		DESIGN-DETAILED	
TOPSHAM		CHECKED-REVIEWED	
GENERAL PLAN		DESIGN-DETAILED	
SHEET NUMBER		DESIGN-DETAILED	
3		REVISIONS 1	
OF 11		REVISIONS 2	
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		REVISIONS 4	
		FIELD CHANGES	

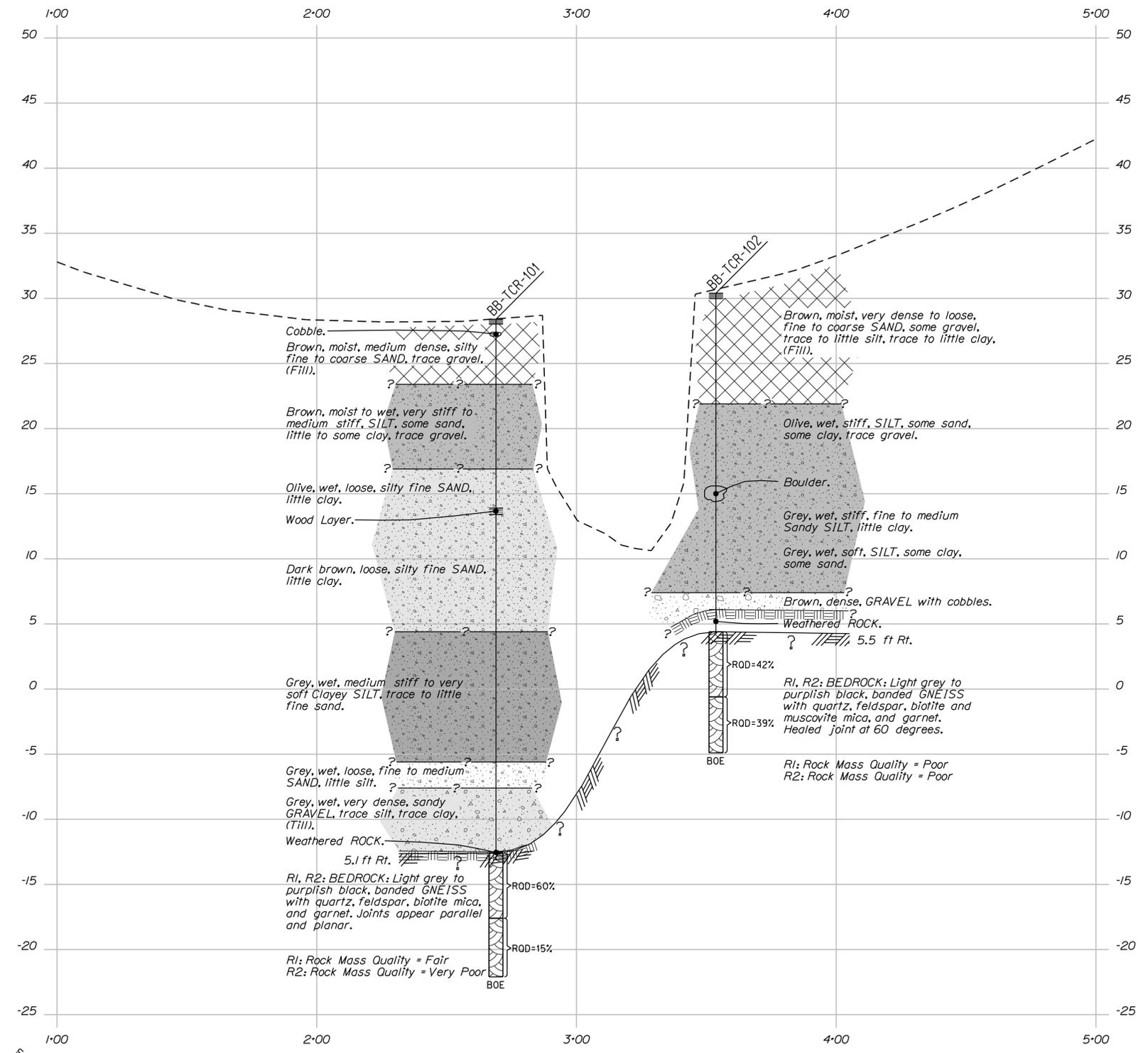
Username: brion.j.nichols Date: 3/21/2013

Division: BRIDGE

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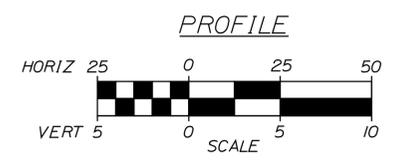


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
CATHANCE BRIDGE		SAGADAHOC COUNTY	
CATHANCE RIVER		TOPSHAM	
BORING LOCATION PLAN		SHEET NUMBER	
4		OF 11	
BRIDGE NO. 5123		PIN 19277.00	
BRIDGE PLANS			
PROJ. MANAGER	DATE	BY	SIGNATURE
DESIGN DETAILED	JAN 2012	T. WHITE	
CHECKED-REVIEWED			
DESIGNS DETAILED			
REVISIONS 1			P.E. NUMBER
REVISIONS 2			DATE
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



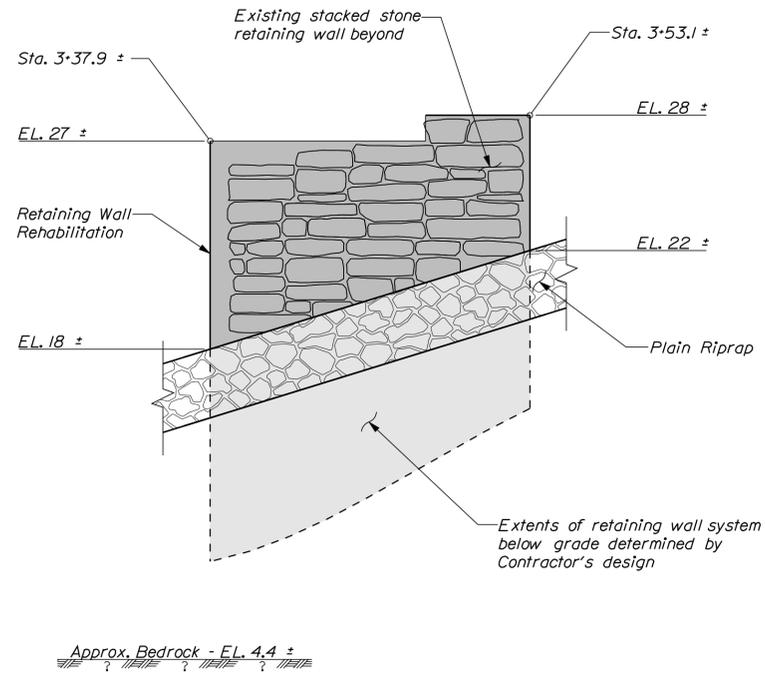
LEGEND

- Boring No. Offset, if shown
- Pavement Thickness if applicable
- Strata Interface
- Rock Quality Designation for Rock Core Sample
- BOE = Bottom of Exploration
- Top of Intact Bedrock
- Weathered ROCK

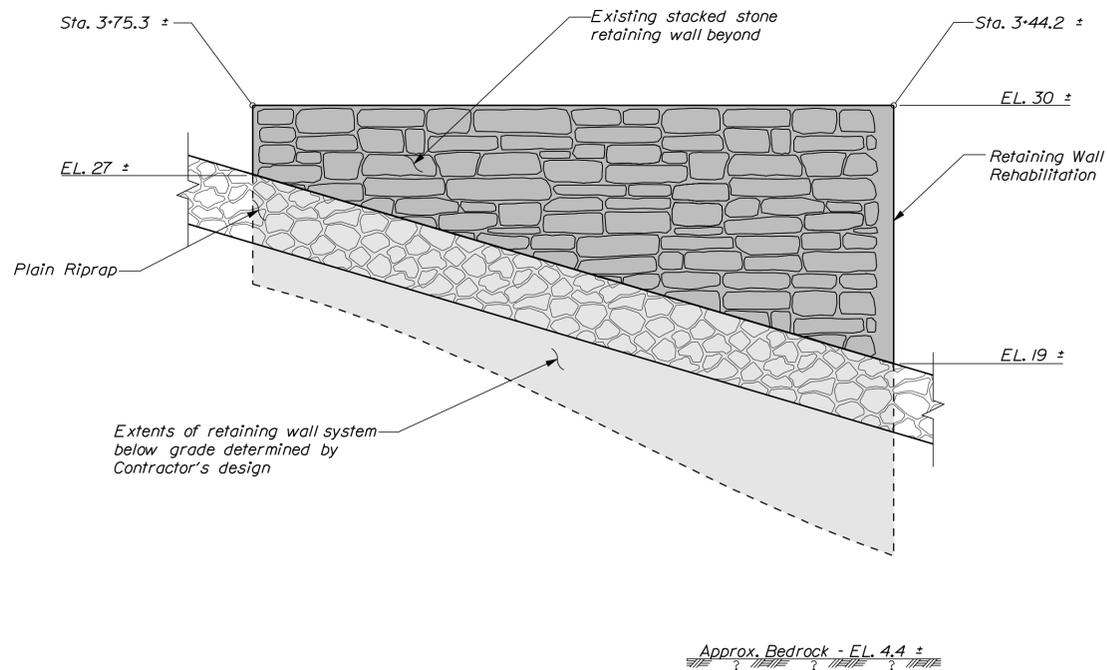


Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil transitions may vary and are probably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

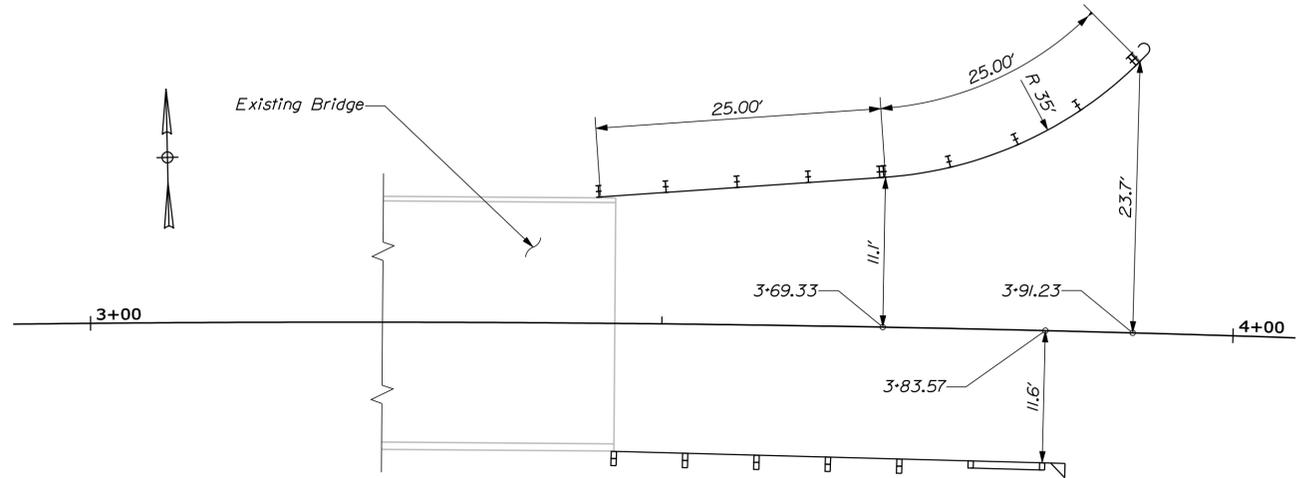
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CATHANCE BRIDGE		TOPSHAM	
CATHANCE RIVER		SAGADAHOC COUNTY	
INTERPRETIVE SUBSURFACE PROFILE		SHEET NUMBER	
5		OF 11	
BRIDGE NO. 5123	PIN 19277.00	BRIDGE PLANS	
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	T. WHITE	JAN 2012	
CHECKED-REVIEWED	K. MCGUIRE		
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES		DATE	



UPSTREAM WING ELEVATION



DOWNSTREAM WING ELEVATION



GUARDRAIL LAYOUT

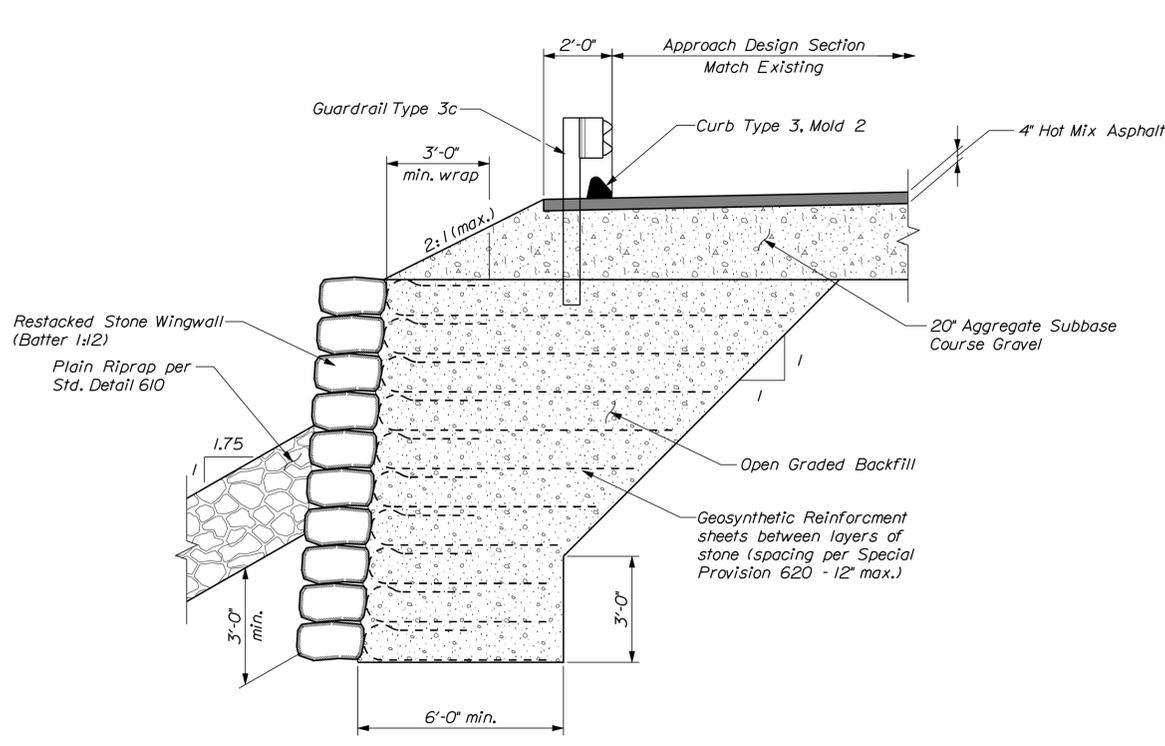
WINGWALL REHABILITATION NOTES

1. The Contractor shall provide a wing rehabilitation design in accordance with the Special Provision applicable to the alternate selected, and shall be designed and stamped by a Licensed Professional Engineer and the design shall be submitted to the Resident for review. Plan details are shown for concept and estimating purposes only.
2. Bedrock elevation shown is based on one test boring drilled behind the existing abutment. Actual bedrock elevation will vary and will be erratic. Elevation shown for informational purposes only.

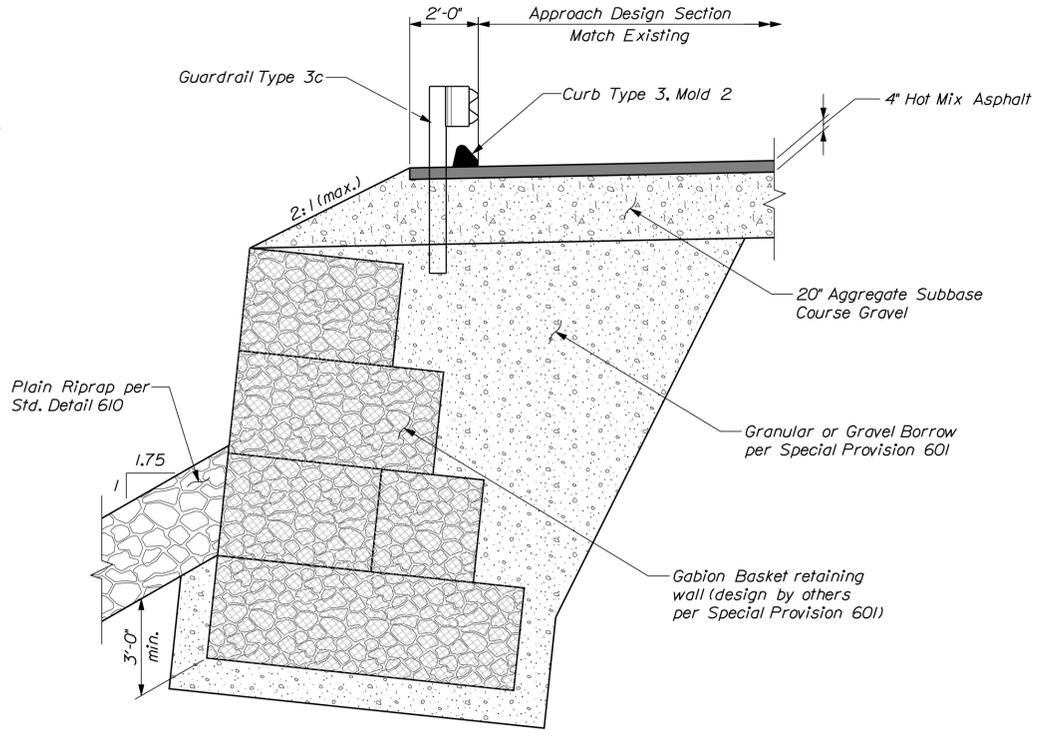
SIGNATURE	DATE
P.E. NUMBER	DATE

PROJ. MANAGER	MARK PARLIN	BY	B. NICHOLS	DATE	JAN 2012
DESIGN-DETAILED	R. NAJOS	CHECKED-REVIEWED	D. DAMREN	DESIGN-DETAILED	
DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1	
				REVISIONS 2	
				REVISIONS 3	
				REVISIONS 4	
				FIELD CHANGES	

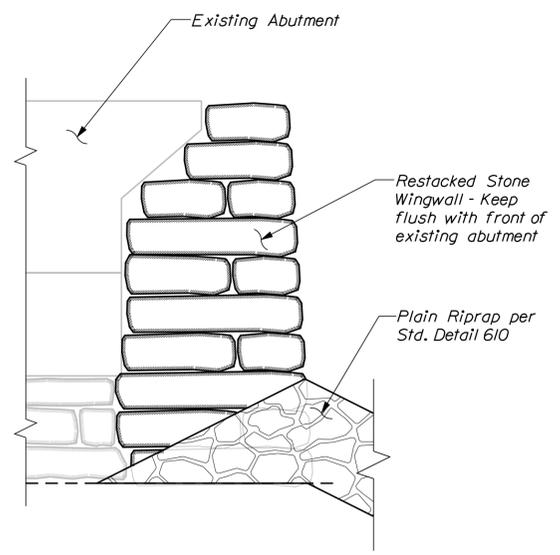
CATHANCE BRIDGE
CATHANCE RIVER
SAGadahoc COUNTY
TOPSHAM
WING REHABILITATION DETAILS



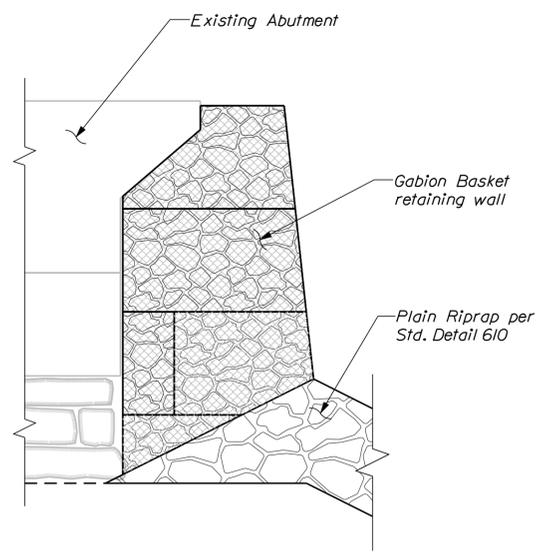
GEOSYNTHETIC REINFORCED SOIL (GRS) WALL
~ALTERNATE "A"~



GABION WALL ALTERNATE
~ALTERNATE "B"~

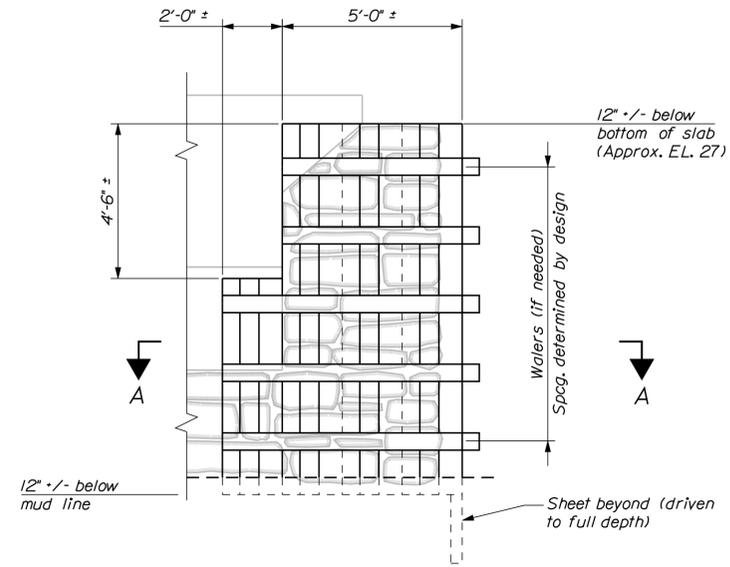


PARTIAL ABUTMENT ELEVATION
~GEOSYNTHETIC REINFORCED SOIL (GRS) WALL~
Upstream corner shown ~ downstream corner similar

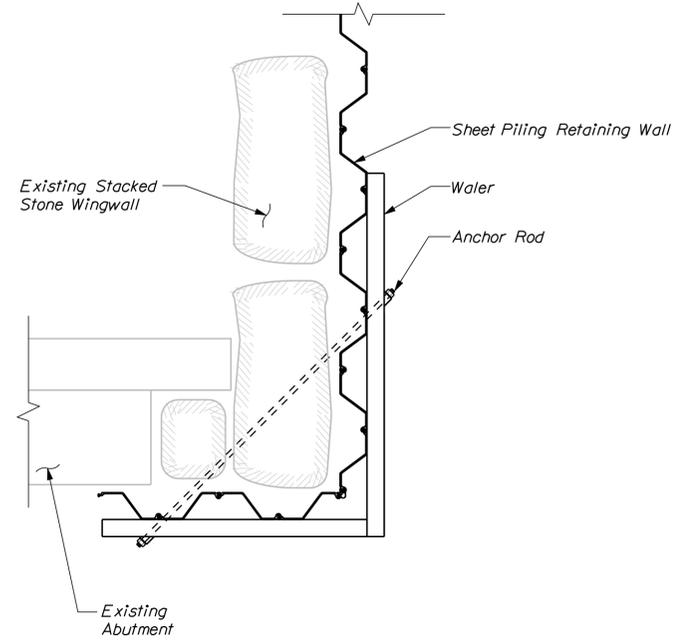


PARTIAL ABUTMENT ELEVATION
~GABION WALL~
Upstream corner shown ~ downstream corner similar

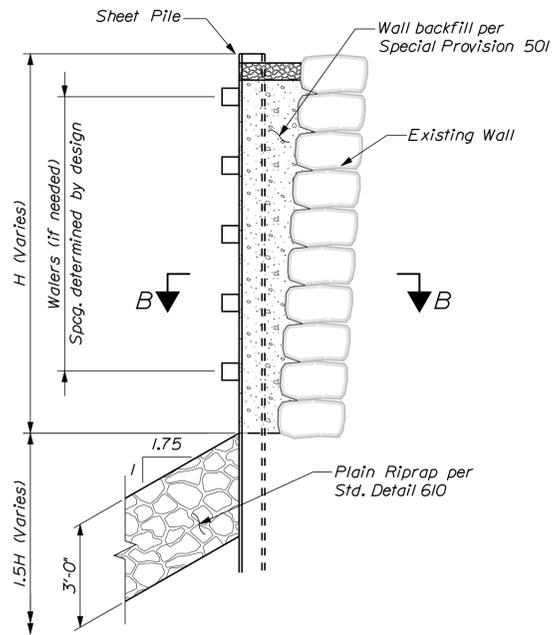
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CATHANCE BRIDGE		CATHANCE RIVER		TOPSHAM	
SAGADAHOC COUNTY		SAGADAHOC COUNTY		SAGADAHOC COUNTY	
WING REHABILITATION DETAILS		WING REHABILITATION DETAILS		WING REHABILITATION DETAILS	
SHEET NUMBER		8		OF 11	
PROJ. MANAGER	MARK PARLIN	BY	B. NICHOLS	DATE	JAN 2012
DESIGN-DETAILED	R. NAOUS	CHECKED-REVIEWED	D. DAMREN	SIGNATURE	
DESIGN-DETAILED		DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					
BRIDGE NO. 5123		WIN		19277.00	
BRIDGE PLANS					



PARTIAL ABUTMENT ELEVATION
 ~SHEET PILE WALL~
 Upstream corner shown ~ downstream corner similar

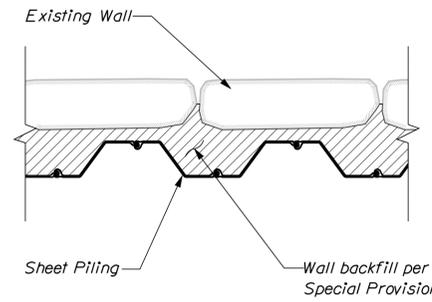


SECTION "A-A"



Approx. Bedrock EL. 4.4' ±

SHEET PILE WALL
 ~ALTERNATE "C"~



SECTION "B-B"

STATE OF MAINE	BRIDGE NO. 5123	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	WIN	19277.00
AC-BR-1927(700)X		

PROJ. MANAGER	MARK PARLIN	BY	DATE
DESIGN-DETAILED	R. NAJOS	B. NICHOLS	JAN 2012
CHECKED-REVIEWED	D. DAMREN		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CATHANCE BRIDGE	SAGADAHOC COUNTY
CATHANCE RIVER	
TOPSHAM	
WING REHABILITATION DETAILS	

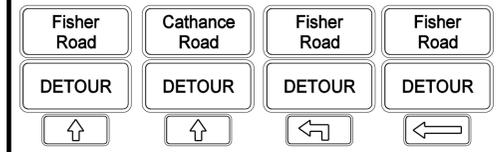
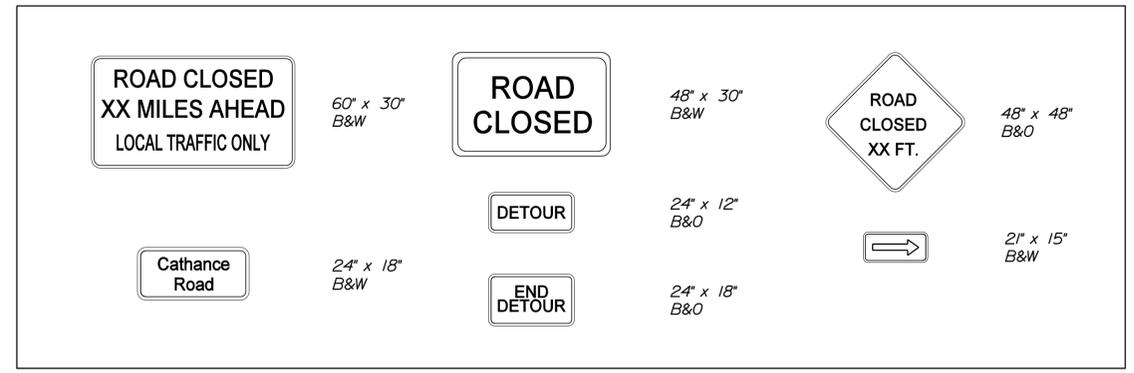
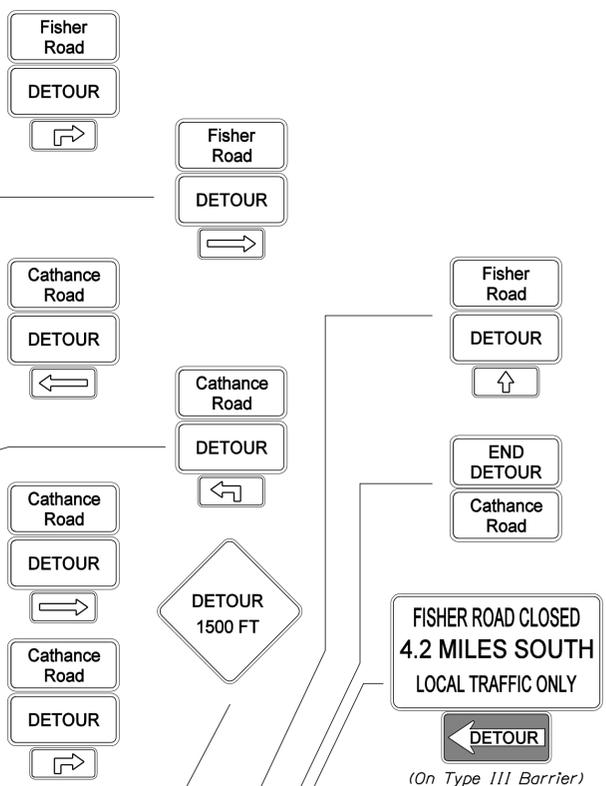
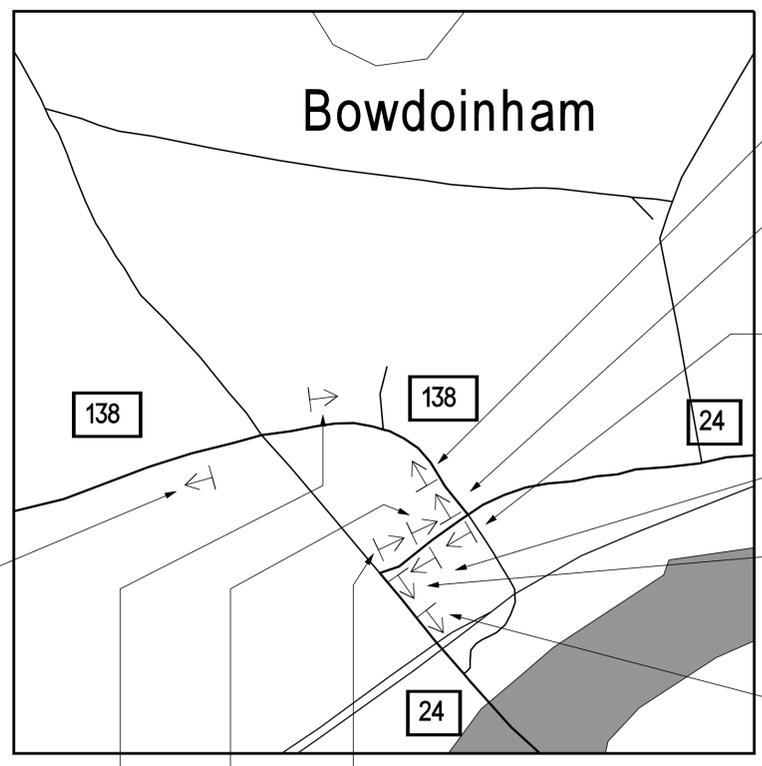
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OF 11

Date: 3/21/2013

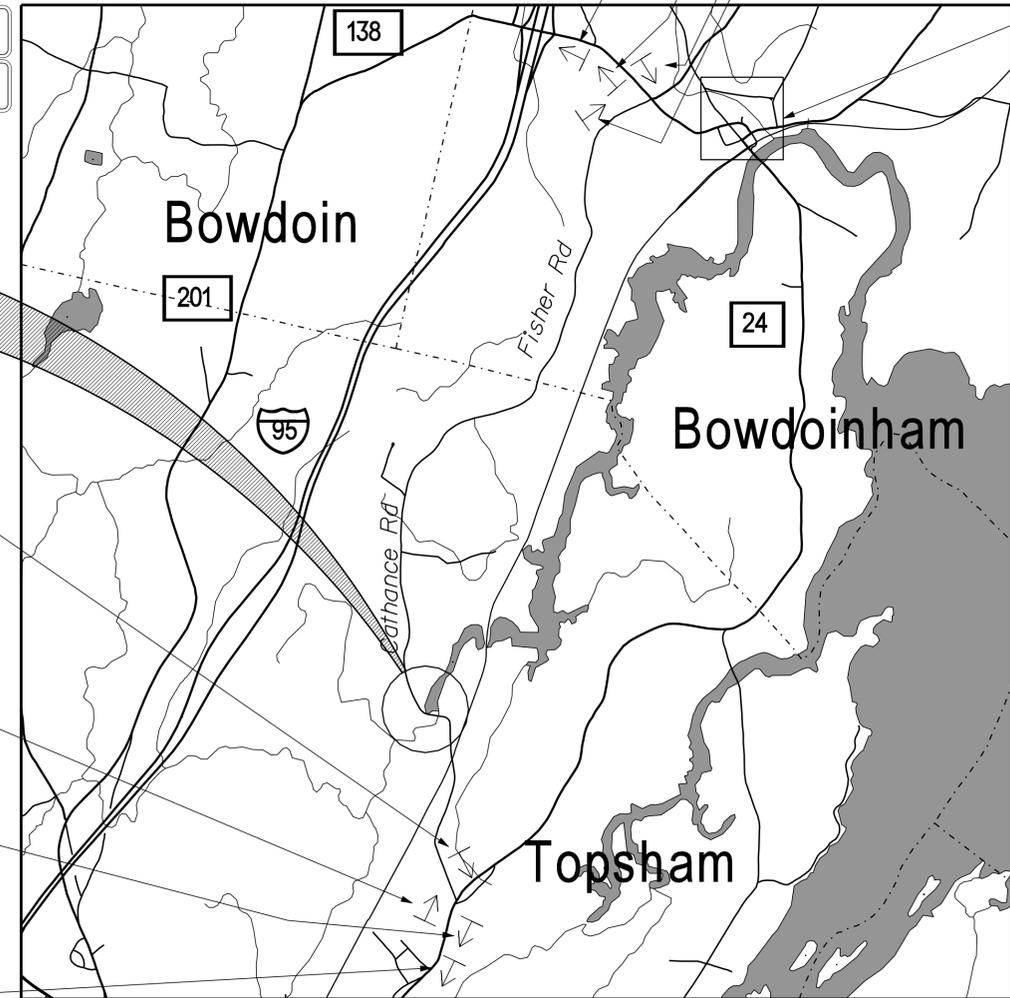
Username: briani.nichols

Division: BRIDGE

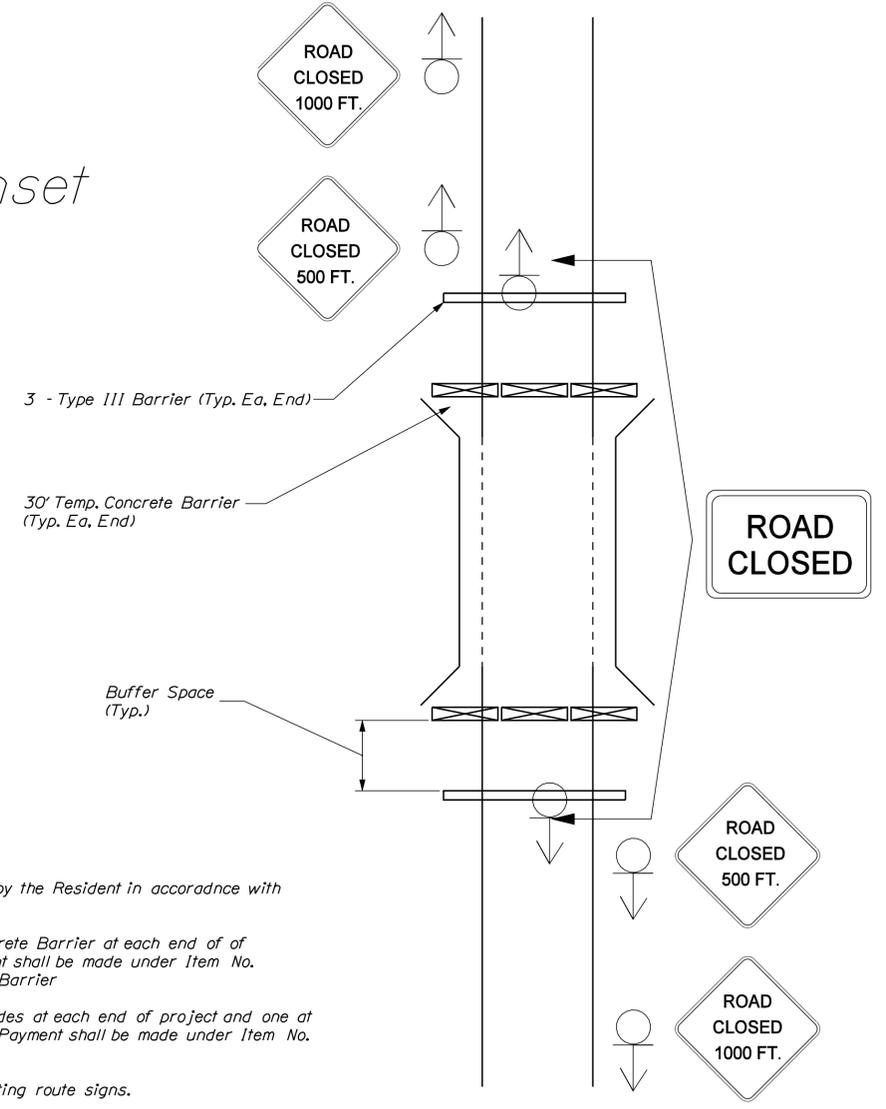
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PROJECT



See Inset



DETOUR NOTES

1. Spacing to be determined by the Resident in accordance with MUTCD
2. Install 30' Temporary Concrete Barrier at each end of project (60' feet total) Payment shall be made under Item No. 526.301-Temporary Concrete Barrier
3. Install 3 Type III Barricades at each end of project and one at each end of detour (8 total) Payment shall be made under Item No. 652.312-Type III Barricade.
4. Cover or remove all conflicting route signs.

SIGNAGE AT PROJECT LOCATION

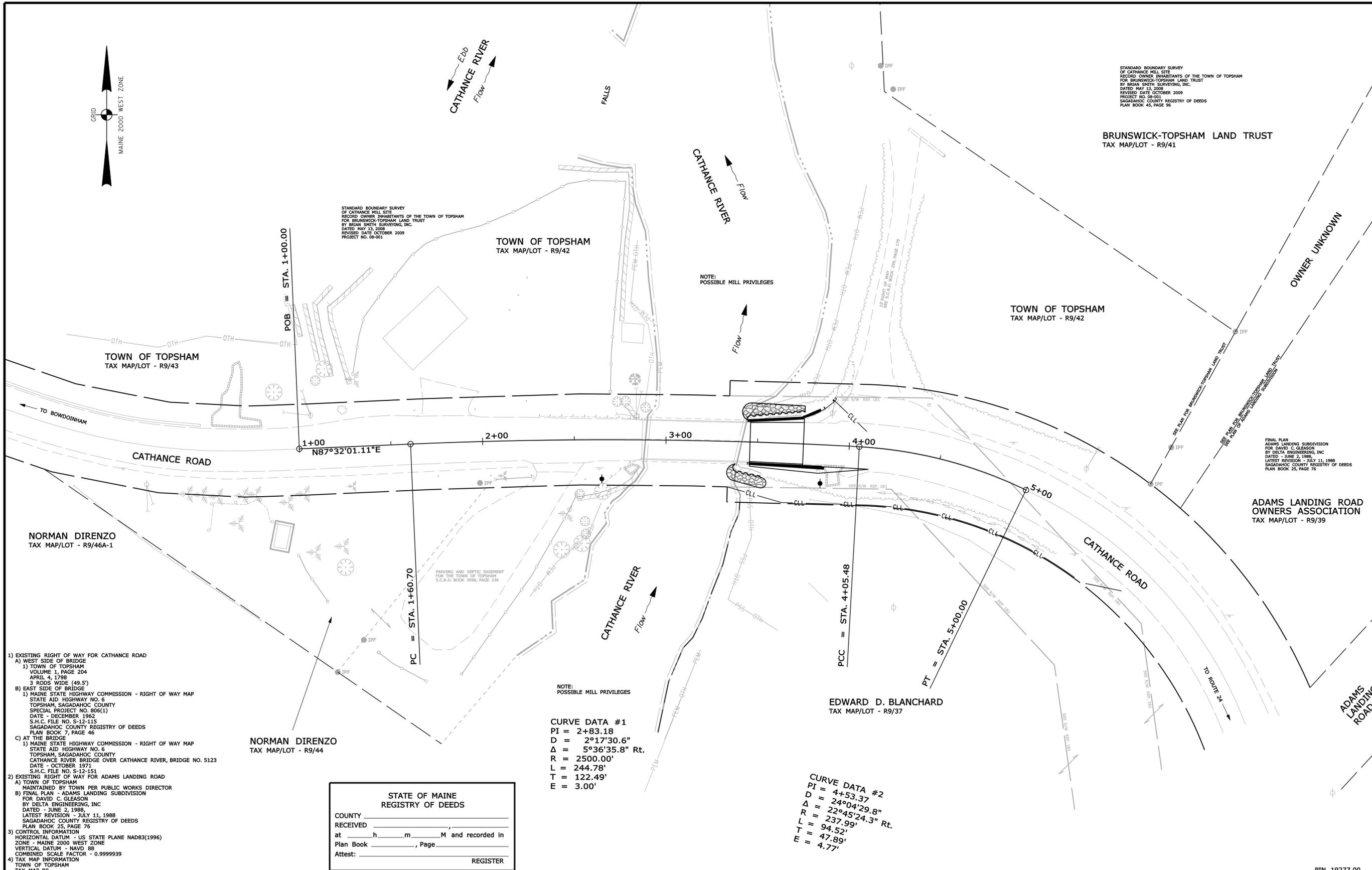
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		AC-BR-1927(700)X		WIN 19277.00		BRIDGE NO. 5123		BRIDGE PLANS	
CATHANCE BRIDGE		CATHANCE RIVER		SAGADAHOC COUNTY		TOPSHAM		DETOUR PLAN		SHEET NUMBER	
PROJ. MANAGER		MARK PARLIN		DESIGN-DETAILED		R. NAOLIS		CHECKED-REVIEWED		B. NICHOLS	
DESIGNED		D. HANKS		DATE		JAN 2012		SIGNATURE		P.E. NUMBER	
REVISIONS 1				REVISIONS 2				REVISIONS 3			
REVISIONS 4				FIELD CHANGES				DATE			
10		OF 11									

Date: 3/21/2013

Username: brian.j.nichols

Division: BRIDGE

Filename: ... \00\ROW\MSTA011_RVPLANI.dgn



STANDARD BOUNDARY SURVEY
OF CATHANCE MILL SITE
RECORD OWNER INHABITANTS OF THE TOWN OF TOPSHAM
FOR BRUNSWICK-TOPSHAM LAND TRUST
BY BRIAN SMITH SURVEYING, INC.
DATED MAY 13, 2008
REVISED DATE OCTOBER 2009
PROJECT NO. 08-001
SAGADAHOC COUNTY REGISTRY OF DEEDS
PLAN BOOK 45, PAGE 96

STANDARD BOUNDARY SURVEY
OF CATHANCE MILL SITE
RECORD OWNER INHABITANTS OF THE TOWN OF TOPSHAM
FOR BRUNSWICK-TOPSHAM LAND TRUST
BY BRIAN SMITH SURVEYING, INC.
DATED MAY 13, 2008
REVISED DATE OCTOBER 2009
PROJECT NO. 08-001

FINAL PLAN
ADAMS LANDING SUBDIVISION
FOR DAVID C. GLEASON
BY DELTA ENGINEERING, INC.
DATED - JUNE 2, 1988
LATEST REVISION - JULY 11, 1988
SAGADAHOC COUNTY REGISTRY OF DEEDS
PLAN BOOK 25, PAGE 76

- 1) EXISTING RIGHT OF WAY FOR CATHANCE ROAD
 - A) WEST SIDE OF BRIDGE
 - 1) TOWN OF TOPSHAM VOLUME 1, PAGE 204 APRIL 4, 1798 3 RODS WIDE (49.5')
 - B) EAST SIDE OF BRIDGE
 - 1) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP STATE AID HIGHWAY NO. 6 TOPSHAM, SAGADAHOC COUNTY SPECIAL PROJECT NO. 806(1) DATE - DECEMBER 1962 S.H.C. FILE NO. S-12-115 SAGADAHOC COUNTY REGISTRY OF DEEDS PLAN BOOK 7, PAGE 46
 - C) AT THE BRIDGE
 - 1) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP STATE AID HIGHWAY NO. 6 TOPSHAM, SAGADAHOC COUNTY CATHANCE RIVER BRIDGE OVER CATHANCE RIVER, BRIDGE NO. 5123 DATE - OCTOBER 1971 S.H.C. FILE NO. S-12-151
- 2) EXISTING RIGHT OF WAY FOR ADAMS LANDING ROAD
 - A) TOWN OF TOPSHAM MAINTAINED BY TOWN PER PUBLIC WORKS DIRECTOR
 - B) FINAL PLAN - ADAMS LANDING SUBDIVISION FOR DAVID C. GLEASON BY DELTA ENGINEERING, INC DATED - JUNE 2, 1988 LATEST REVISION - JULY 11, 1988 SAGADAHOC COUNTY REGISTRY OF DEEDS PLAN BOOK 25, PAGE 76
- 3) CONTROL INFORMATION

HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.99999939
- 4) TAX MAP INFORMATION

TOWN OF TOPSHAM
TAX MAP R9

**STATE OF MAINE
REGISTRY OF DEEDS**

COUNTY _____
RECEIVED _____
at _____ h _____ m _____ M and recorded in
Plan Book _____, Page _____
Attest: _____ REGISTER

CURVE DATA #1
PI = 2+83.18
D = 2°17'30.6"
Δ = 5°36'35.8" Rt.
R = 2500.00'
L = 244.78'
T = 122.49'
E = 3.00'

CURVE DATA #2
PI = 4+53.37
D = 24°04'29.8"
Δ = 22°45'24.3" Rt.
R = 237.99'
L = 94.52'
T = 47.89'
E = 4.77'

SYMBOLS

IP or IPF (IRON PIPE or PIN FOUND)	WELL
GRADING LIMIT LINE	CONSTRUCTION LIMIT LINE
PROPERTY LIMIT LINE	PL - PROPERTY LINE
LIMITS OF WROUGHT PORTION (L.O.W.P.)	EXISTING RIGHT OF WAY
NEW RIGHT OF WAY	NEW ROW WITHIN EXIST. ROW
CONTROL OF ACCESS	

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	G.L.L.	C.W.K.
PROP. LINES	G.L.L.	
AREAS		

**STATE OF MAINE
DEPARTMENT OF TRANSPORTATION**
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
TOPSHAM
RIGHT OF WAY MAP

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK			COUNTY RECORD			DAVID BERNHARDT COMMISSIONER KENNETH L. SWEENEY CHIEF ENGINEER DATE
				NO.	GRANTOR	PAGE	INSTRUMENT	DATE	BOOK	

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

CATHANCE ROAD TOWN WAY	
TOPSHAM	SAGADAHOC COUNTY
FEDERAL AID PROJECT NO. AC-BR-1927(700)X	
AUGUST 2011 SCALE 1" = 25'	RIGHT-OF-WAY MAP SHEET 1 OF 1 D.O.T. FILE NO. 12-132

SHEET NUMBER
11
OF 11