STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Sixth Edition 2012, with Interim Specifications Through 2013.

DESIGN LOADING

Live Load ..... HL - 93 Modified For Strength I

TRAFFIC DATA

Current (2012) AADT	800
Future (2032) AADT	1160
DHV - % of AADT	11
Design Hour Volume	128
Heavy Trucks (% of AADT)	8
Heavy Trucks (% of DHV)	8
Directional Distribution (% of DHV)	55
18 kip Equivalent P 2.0	71
18 kip Equivalent P 2.5	67

HYDROLOGIC DATA *

Drainage Area	4.83 sq mi
Design Discharge (Q50)	574.9 cfs
Check Discharge (Q100)	673.1 cfs
Headwater Elevation (Q50)	251.67 ft
Headwater Elevation (Q100)	252.29 ft
Discharge Velocity (Q50)	12.83 fps
Discharge Velocity (Q100)	13.33 fps
Headwater Elevation (Q1.1)	247.77 ft
Discharge Velocity (Q1.1)	6.77 fps
Headwater Elevation (Q25)	251.09 ft

* Headwater Elevation and Discharge Velocity based on a 20'-0" span x 6'-4" rise corrugated steel arch

STETSON
PENOBSCOT COUNTY
HILL MILL BRIDGE
OVER
HILL MILL STREAM
STATE ROUTE 222
PROJECT NO. 019308.00
PROJECT LENGTH 0.057 mi.
BRIDGE NO. 5629

LIST OF DRAWINGS

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Estimated Quantities & General Construction Notes	2
Plan & Profile	3
Boring Location Plan & Interpretive Subsurface Profile	4
Boring Logs	5
Cross Sections	6-12
Right of Way Map	13
Traffic Control Plan	14

UTILITIES

Central Maine Power
West Penobscot Telephone Company

MAINTENANCE OF TRAFFIC

The bridge will be closed to traffic during construction. Truck traffic will be maintained on State routes. All other traffic will be maintained on State, State Aid, and local roads.

PROJECT LOCATION:	0.57± miles easterly of Newport town line on Route 222 44° 53' 31.25" N 69° 10' 1.06" W
PROGRAM AREA:	Minor Spans
OUTLINE OF WORK:	Bridge Replacement: Hill Mill Bridge (#5629) over Hill Mill Stream

PROJECT NUMBER 19308.00

WIN 19308.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER: DATE 10/24/13
CHIEF ENGINEER: DATE 10-21-13

STATE OF MAINE ★ Richard E. Myers 12670 Licensed ★ PROFESSIONAL ENGINEER
SIGNATURE 12670
P.E. NUMBER
Oct. 16, 2013
DATE

PROJECT INFORMATION

PROGRAM	BRIDGE
PROJECT MANAGER	S. BODGE
DESIGNER	R. MYERS
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

STETSON
HILL MILL BRIDGE

TITLE SHEET

SHEET NUMBER
1
OF 14

Filename:\00\BRIDGE\MSTA\001_Title.dgn Division: BRIDGE Username: Mark.Poulin Date:10/16/2013

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	COMMON EXCAVATION	390	CY
203.24	COMMON BORROW	5	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	455	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	28	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	46	T
409.15	BITUMINOUS TACK COAT - APPLIED	9	G
511.07	COFFERDAM: (UPSTREAM)	1	LS
511.07	COFFERDAM: (DOWNSTRAM)	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I (40 LF)	1	LS
531.51	BRIDGE STRUCTURE - DETAIL BUILD	1	LS
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	237.5	LF
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
606.79	GUARDRAIL 350 FLARED TERMINAL	4	EA
610.08	PLAIN RIPRAP	110	CY
610.18	STONE DITCH PROTECTION	5	CY
613.319	EROSION CONTROL BLANKET	105	SY
615.07	LOAM	25	CY
618.1401	SEEDING METHOD NUMBER 2 - PLAN QUANTITY	4	UN
619.1201	MULCH - PLAN QUANTITY	4	UN
619.1401	EROSION CONTROL MIX	50	CY
620.58	EROSION CONTROL GEOTEXTILE	190	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	700	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	40	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	TYPE III BARRICADE	4	EA
652.33	DRUM	25	EA
652.34	CONE	25	EA
652.35	CONSTRUCTION SIGNS	800	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (100 CD)	1	LS
652.38	FLAGGER	160	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits and right of way lines, refer to Right of Way Map.

2. 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.

3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted. No utility work is anticipated.

4. Place riprap on sideslopes up to EL. 254.00'.

5. Stones which cannot be rolled or compacted into the surface of the shoulder shall be removed by hand raking. Payment for hand raking will be considered incidental to Item No. 304.10, Aggregate Subbase Course - Gravel.

6. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.

7. 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.

8. Place a 24-in. wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.

9. An NCHRP350 compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.

10. 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.

11. As indicated in the Project Geotechnical Report, weathered bedrock was encountered during soil exploration. The bridge structure shall be founded on sound, competent bedrock, defined by elevations of refusal (the refusal surface) as described in the Project Geotechnical Report.

12. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/.

13. 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.

14. 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.

15. The project geotechnical report titled: Geotechnical Design Report for the Replacement of Hill Mill Bridge, State Route 222 over Hill Mill Stream, Stetson, Maine, Soils Report No. 2013-14, April 12, 2013 may be accessed at the MaineDOT web address.

16. 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.

17. 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:

a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

c. 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.

18. Excavation below the bottom of the subbase elevation will be considered structural excavation and incidental to the Bridge Structure - Detail Build pay item. Excavation above the bottom of the subbase elevation for placement of aggregate subbase course gravel will be considered common excavation.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

PIN 19308.00

BRIDGE PLANS

5629

		BY	DATE
PROJ. MANAGER	S. BOOGE		
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

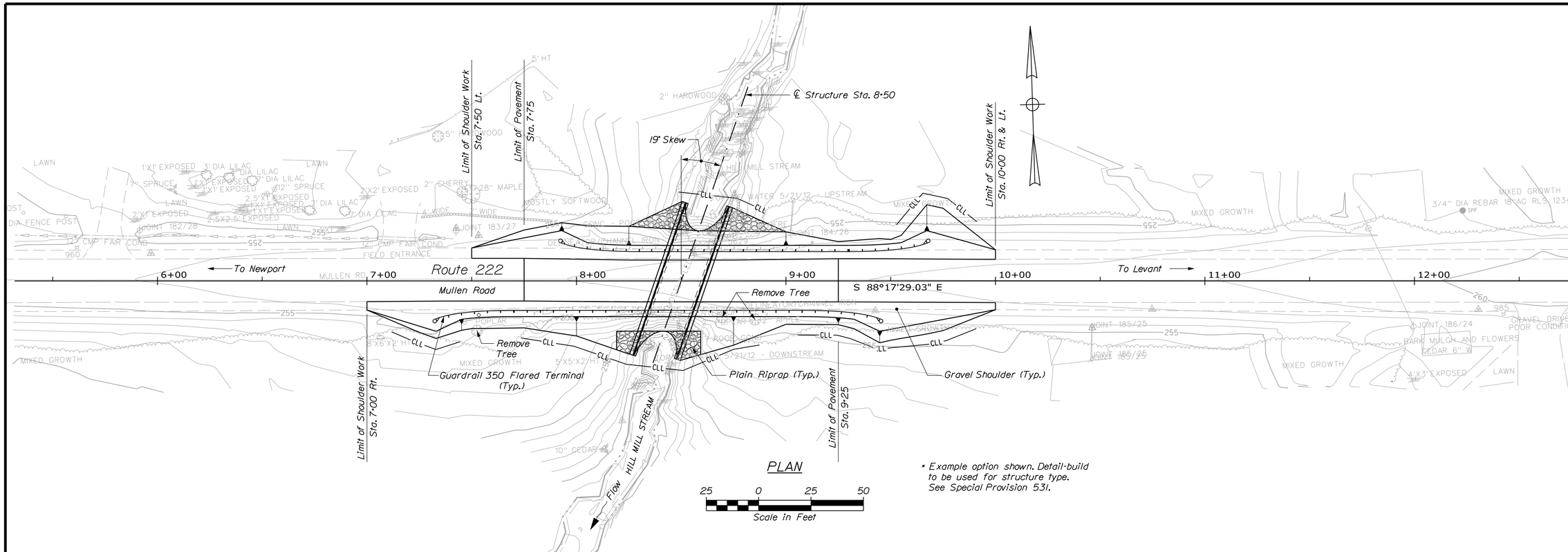
DATE

HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

ESTIMATED QUANTITIES &
GENERAL CONSTRUCTION NOTES

SHEET NUMBER
2
OF 14

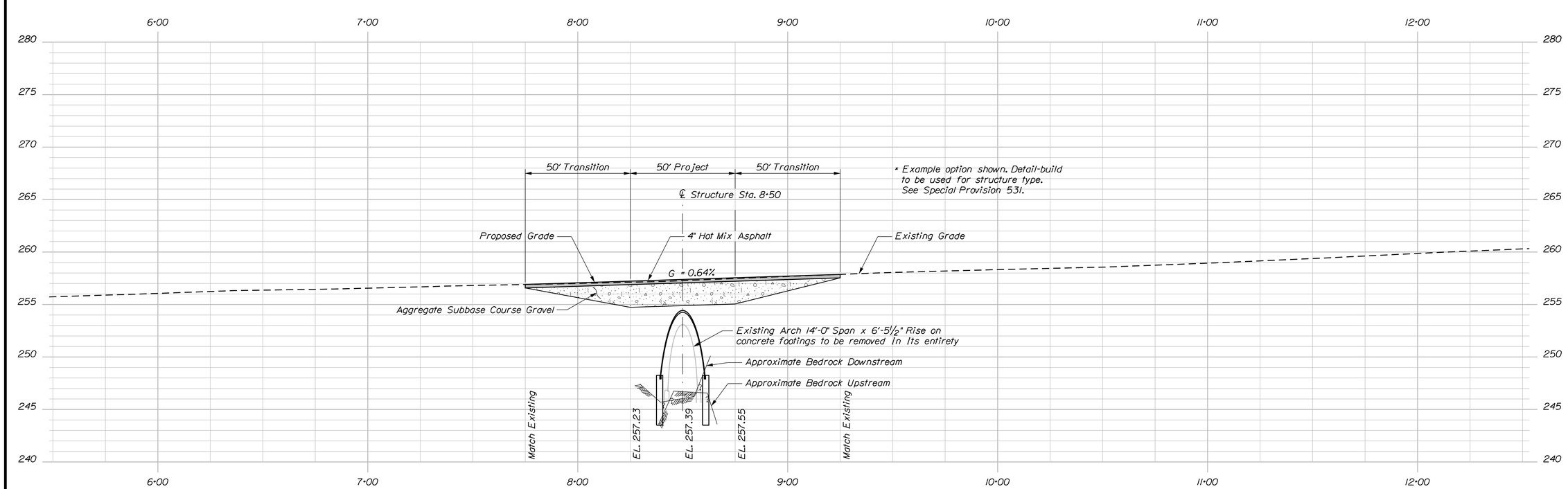
Filename: ...\BRIDGE\MSTA\002_Estimate.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013



PLAN

25 0 25 50
Scale in Feet

* Example option shown. Detail-build to be used for structure type. See Special Provision 531.



* Example option shown. Detail-build to be used for structure type. See Special Provision 531.

PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	SEPT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

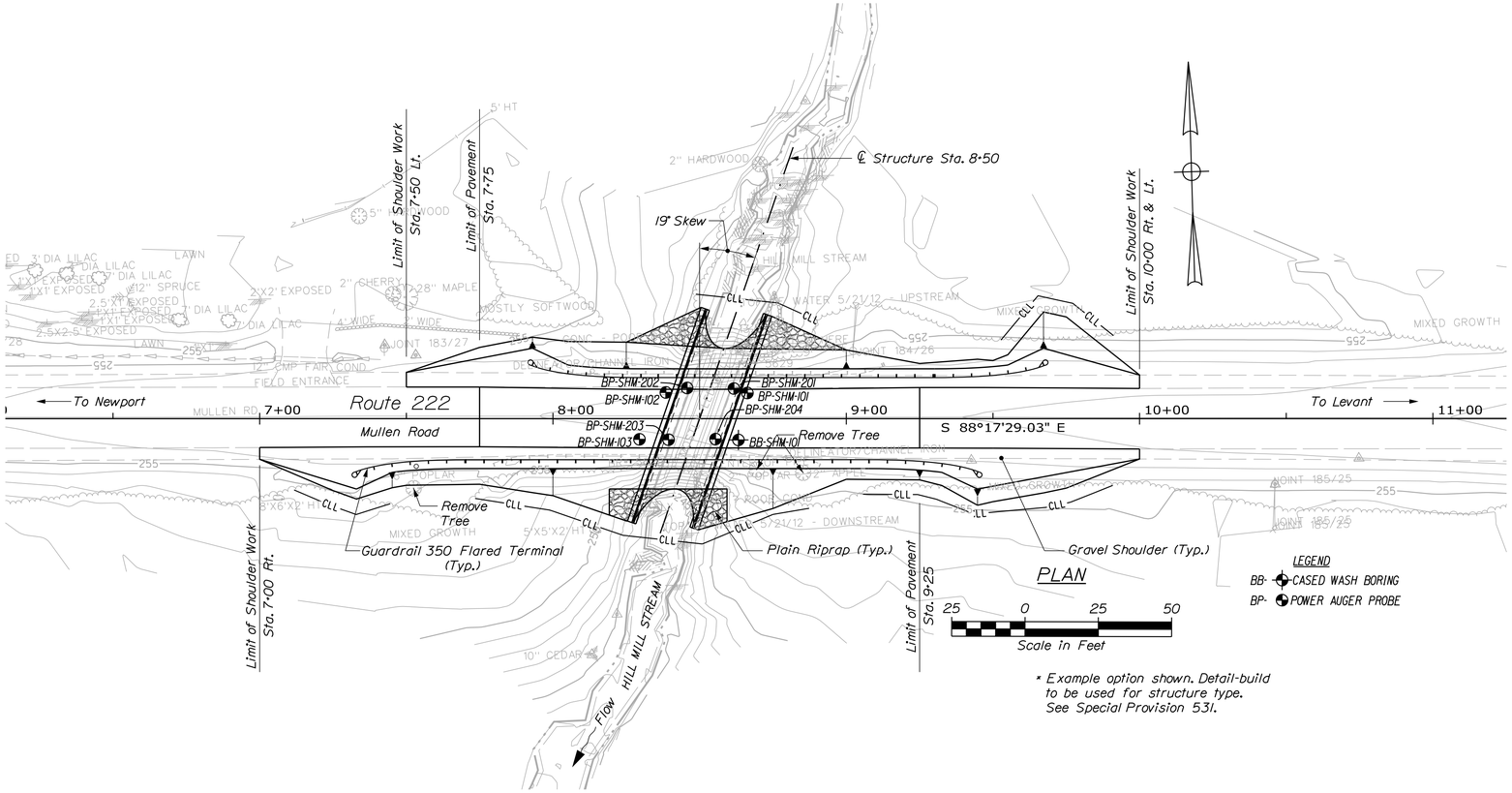
DATE

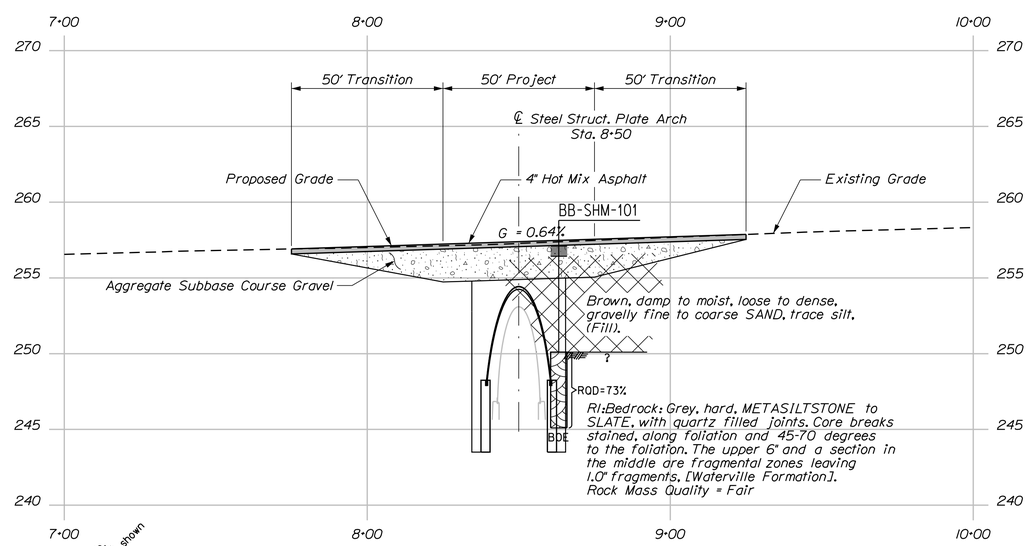
HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

PLAN & PROFILE

SHEET NUMBER
3
OF 14

Filename: ...\MSTA\002_GenPlan&Profile.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013





LEGEND

Boring No. Offset, if shown

Pavement Thickness if applicable

Strata Interface

Boring — RQD= Rock Quality Designation for Rock Core Sample

BOE= Bottom Of Exploration

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.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

5629

BRIDGE PLANS

		BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN2-DETAILED2	L.KRUSINSKI	T.WHITE	APR 2013
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STETSON

HILL MILL BRIDGE
HILL MILL STREAM
PENOBSCOT COUNTY

BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE

SHEET NUMBER

4

OF 14

Filename: ...\GEOTECH\MSTA\004_BLP&ISP1.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

Filename: ...\MSTA\005_BORING LOGS1.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

Maine Department of Transportation

Soil/Rock Exploration Log
US CUSTOMARY UNITS

Project: Hill Mill Bridge #5629 carries Route 222 over Hill Mill Stream
Location: Stetson, Maine

Boring No.: BB-SHM-101
WIN: 19308.00

Driller:	MaineDOT	Elevation (ft.)	257.1	Auger ID/OD:	5" Solid Stem
Operator:	Giguere/Giles/Doggett	Datum:	NAVD88	Sampler:	Standard Split Spoon
Logged By:	B. Wilder	Rig Type:	CME 45C	Hammer Wt./Fall:	140#/30"
Date Start/Finish:	6/21/12; 09:00-11:00	Drilling Method:	Cased Wash Boring	Core Barrel:	NQ-2"
Boring Location:	8+63.2, 7.3 ft Rt.	Casing ID/OD:	NW	Water Level*:	6.5 ft bgs.
Hammer Efficiency Factor: 0.84		Hammer Type:	Automatic ☒ Hydraulic ☐ Rope & Cathead ☐		

Definitions:
D = Split Spoon Sample
MD = Unsuccessful Split Spoon Sample attempt
U = Thin Wall Tube Sample
MU = Unsuccessful Thin Wall Tube Sample attempt
V = Insitu Vane Shear Test, PP = Pocket Penetrometer
MV = Unsuccessful Insitu Vane Shear Test attempt
R = Rock Core Sample
SSA = Solid Stem Auger
HSA = Hollow Stem Auger
RC = Roller Cone
WOH = weight of 140lb. hammer
WOR/C = weight of rods or casing
WOP = Weight of one person
S_u = Insitu Field Vane Shear Strength (psf)
T_v = Pocket Torvane Shear Strength (psf)
q_p = Unconfined Compressive Strength (ksf)
N-uncorrected = Raw Field SPT N-value
Hammer Efficiency Factor = Annual Calibration Value
N_{60} = SPT N-uncorrected corrected for hammer efficiency
N_{60} = (Hammer Efficiency Factor/60%)*N-uncorrected
$S_{u(lab)}$ = Lab Vane Shear Strength (psf)
WC = water content, percent
LL = Liquid Limit
PL = Plastic Limit
PI = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

Depth (ft.)	Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in. Shear Strength (psf) or RQD (%)	N-uncorrected	N_{60}	Casing Blows	Elevation (ft.)	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
0							SSA	256.43	8" PAVEMENT. 0.67	
	1D	24/15	1.00 - 3.00	8/11/11/8	22	31			Brown, damp, dense, gravelly, fine to coarse SAND, trace silt, (Fill).	
	2D	24/16	3.00 - 5.00	5/3/4/3	7	10			Similar to above, except moist, loose, (Fill).	
5	3D	22.8/18	5.00 - 6.90	3/3/6/40(4.8")	9	13	10		Similar, except medium dense, (Fill).	
							43	250.10	7.00	
	R1	60/60	7.00 - 12.00	RQD = 73%			NQ-2		Top of Bedrock at Elev. 250.1 ft. R1:Bedrock: Grey to black, hard, aphanitic to fine grained, Metasiltstone to Slate, with quartz filled joints. Core breaks stained, following the foliation and 45-70 degrees to the foliation. The upper 6 inches and a 2 inch section in the middle of the core are fragmented zones with crosscutting joints leaving core fragments up to 1". Waterville Formation. Rock Mass Quality = Fair. R1:Core Times (minisec) 7.0-8.0 ft (2:05) 8.0-9.0 ft (2:50) 9.0-10.0 ft (1:50) 10.0-11.0 ft (2:45) 11.0-12.0 ft (2:55) 100% Recovery	
10								245.10		
									12.00 Bottom of Exploration at 12.00 feet below ground surface.	
15										
20										
25										

Remarks:

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

Boring No.: BB-SHM-101

State of Maine - Department of Transportation

Power Auger Probe Summary Sheet

Town(s): Stetson **Work Number: 19308.00**

Station (Feet)	Offset (Feet)	Weathered Rock (Feet)	Refusal (Feet)	No Refusal (Feet)	Pavement Depth (in)	Comments / Date 6/21/2012
8+66.4	8.7 Lt.	12.8	13.6		8.0	BP-SHM-101
8+38.5	8.9 Lt.	12.3	13.6		8.0	BP-SHM-102
8+29.5	7.0 Rt.	8.6	9.7		8.0	BP-SHM-103
						8/23/2012
8+61.7	10.3 Lt.		10.8			BP-SHM-201
8+45.7	10.5 Lt.		10.5			BP-SHM-202
8+39.4	7.2 Rt.		11.5			BP-SHM-203
8+55.4	7.0 Rt.		11.1			BP-SHM-204
Probes are not in Station order.						

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

5629 BRIDGE PLANS

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN2-DETAILED2	L.KRUSINSKI	
DESIGN3-DETAILED3	T.WHITE	APR 2013
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

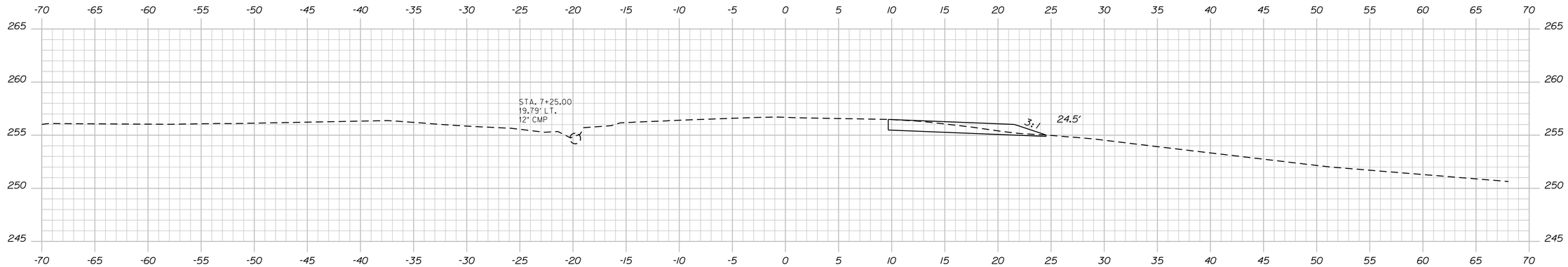
STETSON HILL MILL BRIDGE
HILL MILL STREAM
PENOBSCOT COUNTY

BORING LOGS

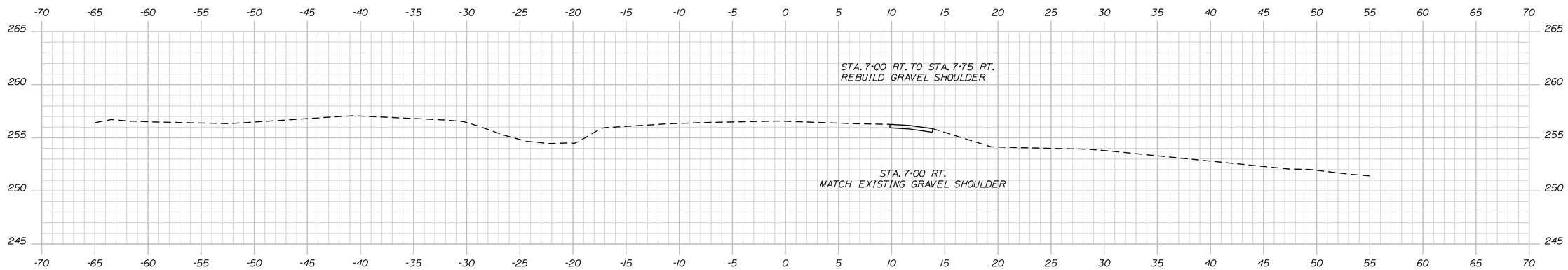
SHEET NUMBER

5

OF 14



7+25.00



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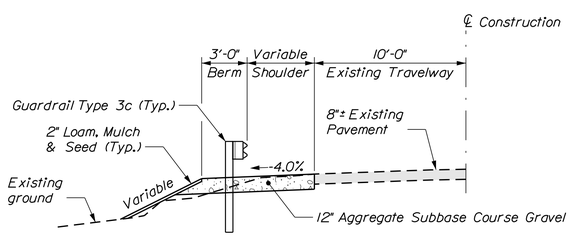
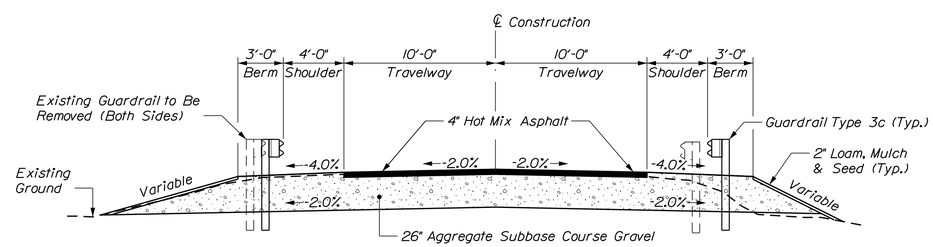


TYPICAL APPROACH SECTION

Shoulder Widening

STA. 7+00.0 RT. TO STA. 7+75.0 RT.
STA. 9+25.0 RT. TO STA. 10+00.0 RT.
STA. 7+50.0 LT. TO STA. 7+75.0 LT.
STA. 9+25.0 LT. TO STA. 10+00.0 LT.



TYPICAL APPROACH SECTION

With Guardrail

STA. 7+75.0 TO STA. 8+25.0 TRANSITION AREA (GRAVEL VARIES)
STA. 8+25.0 TO STA. 8+75.0 FULL CONSTRUCTION
STA. 8+75.0 TO STA. 9+25.0 TRANSITION AREA (GRAVEL VARIES)

TRAVELWAY PAVEMENT

WEARING = 1½" HOT MIX ASPHALT
BASE = 2½" HOT MIX ASPHALT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STETSON

HILL MILL BRIDGE
HILL MILL STREAM
PENOBSCOT COUNTY

CROSS SECTIONS

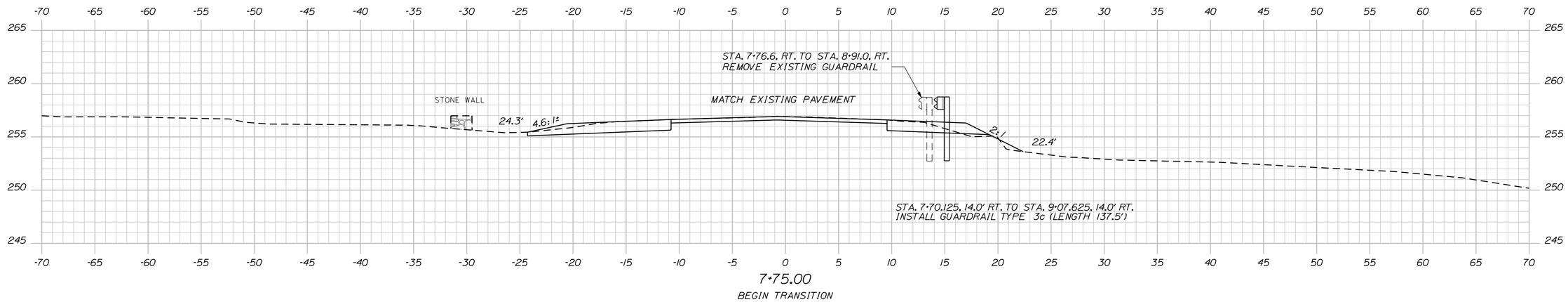
SHEET NUMBER

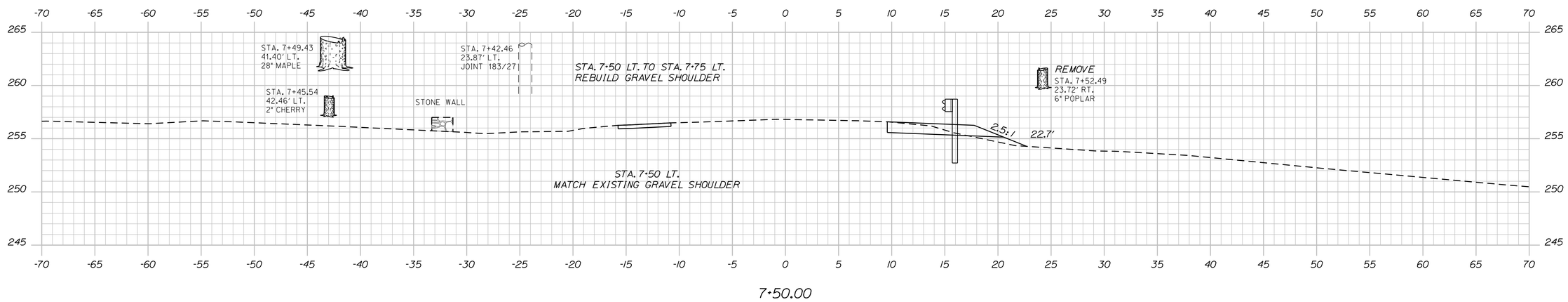
6

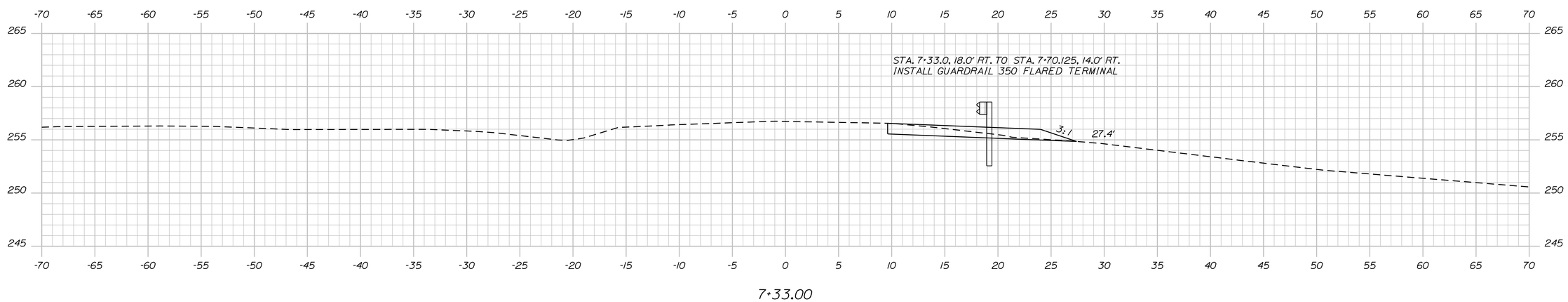
OF 14

Sta. 7+00.00 to Sta. 7+25.00

Filename: ...\MSTA\005_z_Xsect_6+75_001.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

SIGNATURE

P.E. NUMBER

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PROJ. MANAGER	S. BOOGE	
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
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REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

CROSS SECTIONS

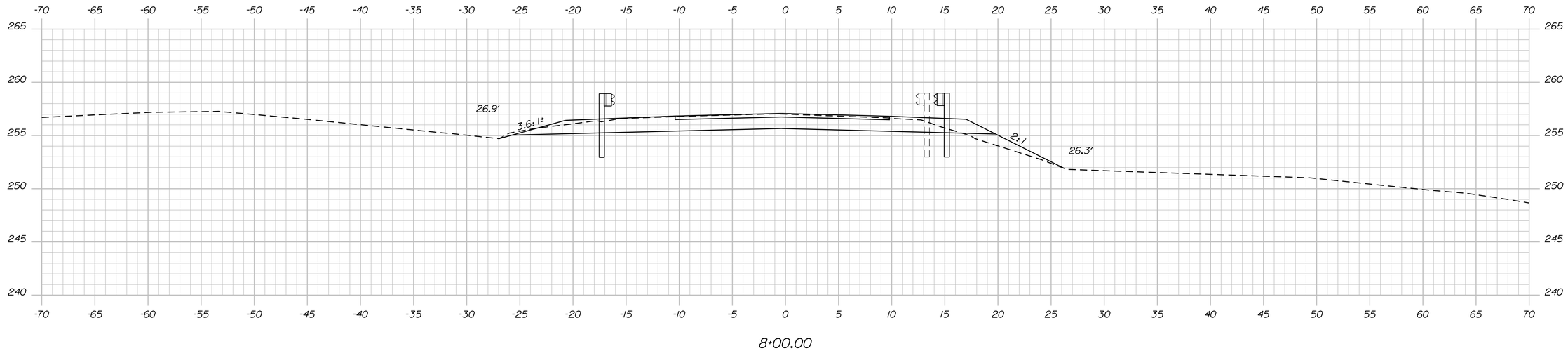
SHEET NUMBER

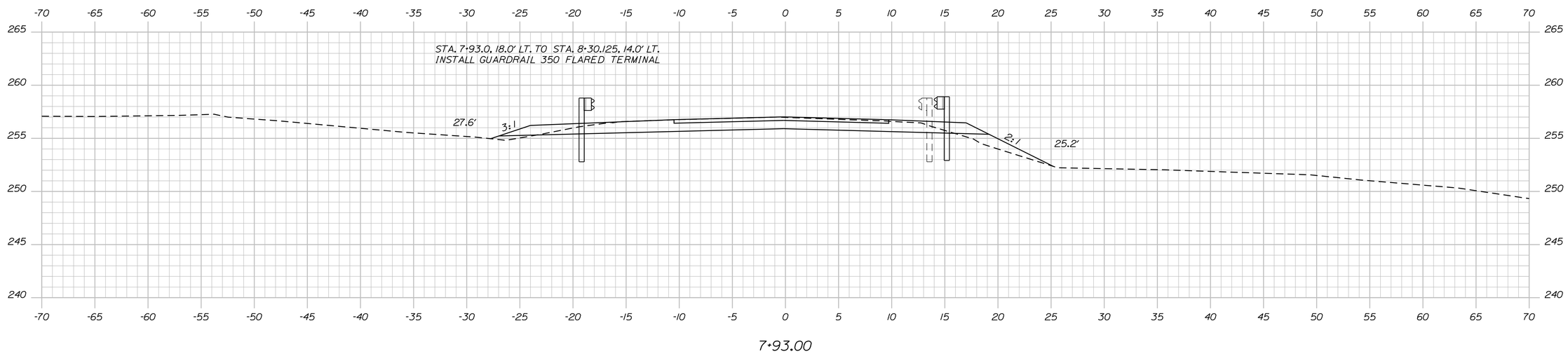
7

OF 14

Sta. 7+33.00 to Sta. 7+75.00

Filename: ...\MSTA\006_z_Xsect_7+33_002.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013





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REVISIONS 4			
FIELD CHANGES			

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HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

CROSS SECTIONS

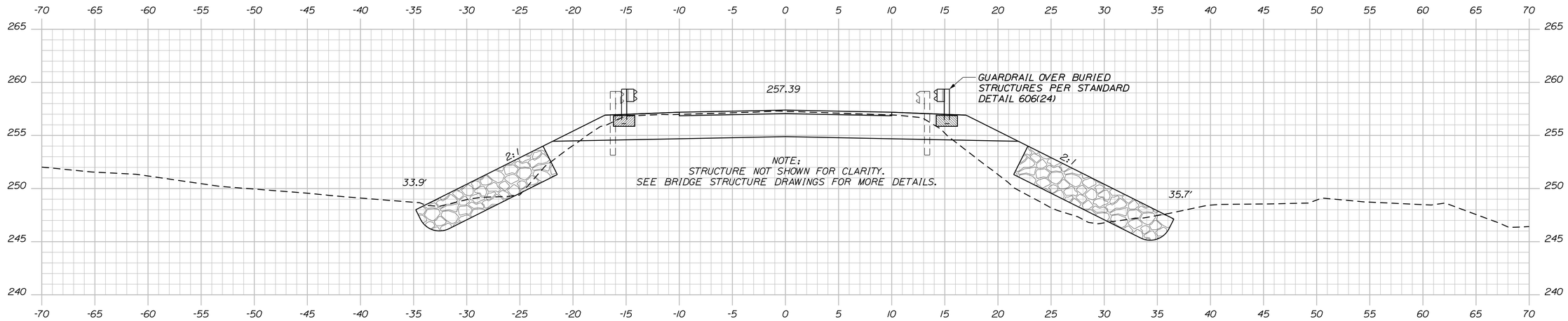
SHEET NUMBER

8

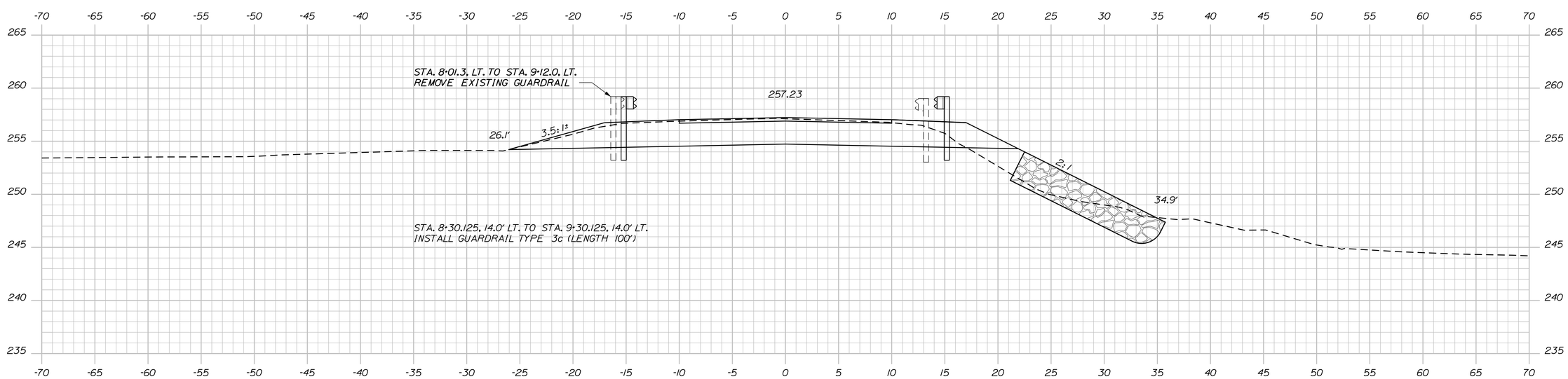
OF 14

Sta. 7+93.00 to Sta. 8+00.00

Filename: ...\MSTA\007_z_Xsect_7+93_003.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013



8+50.00



8+25.00

END TRANSITION / BEGIN PROJECT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

CROSS SECTIONS

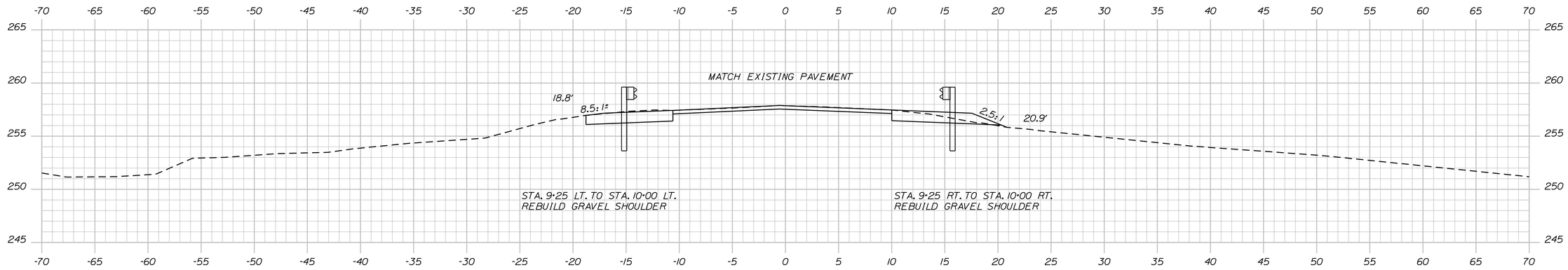
SHEET NUMBER

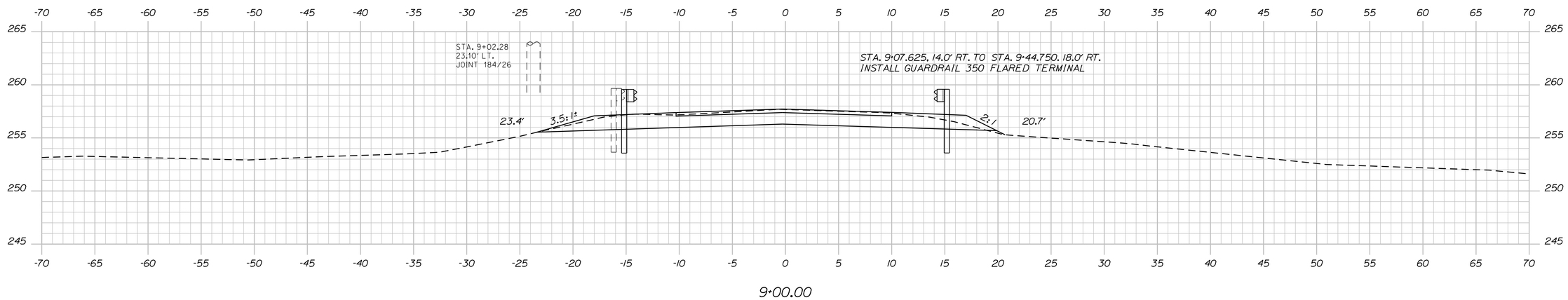
9

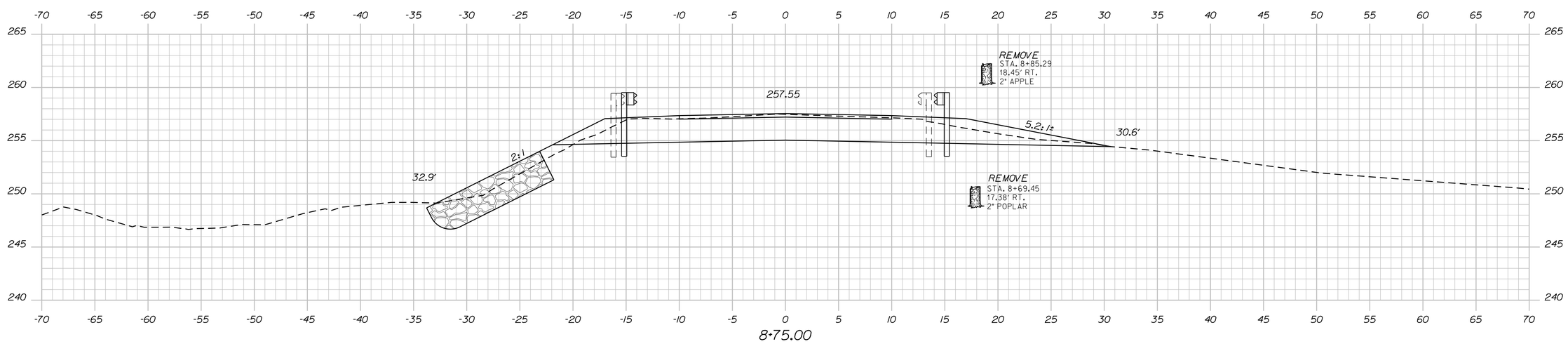
OF 14

Filename: ...\MSTA\008_z_Xsect_8+25_004.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

Sta. 8+25.00 to Sta. 8+50.00







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STETSON HILL MILL BRIDGE
HILL MILL STREAM
PENOBSCOT COUNTY

CROSS SECTIONS

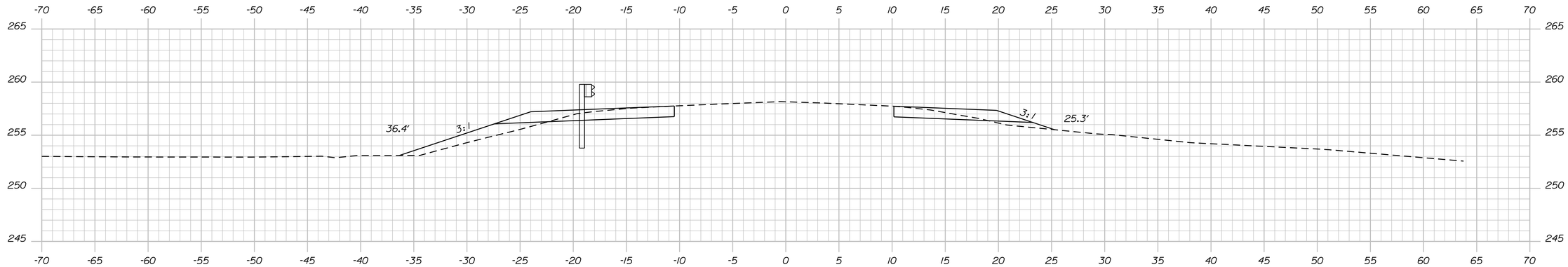
SHEET NUMBER

10

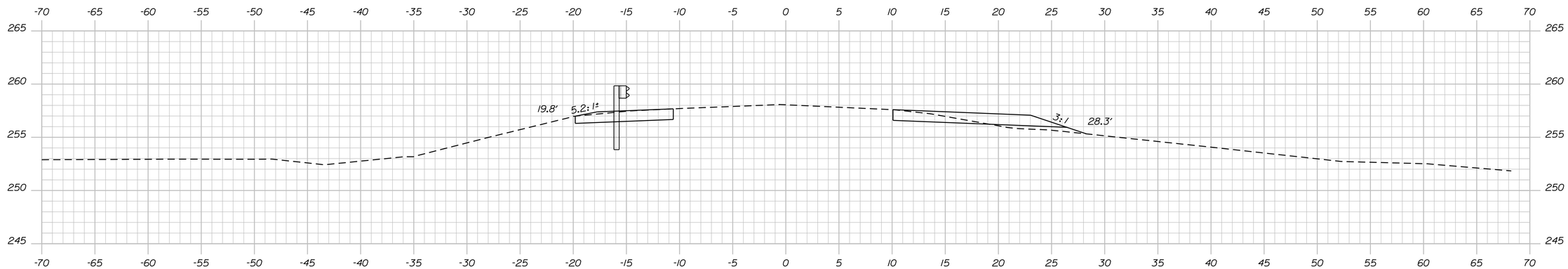
OF 14

Filename: ...\MSTA\009_z_Xsect_8+75_005.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

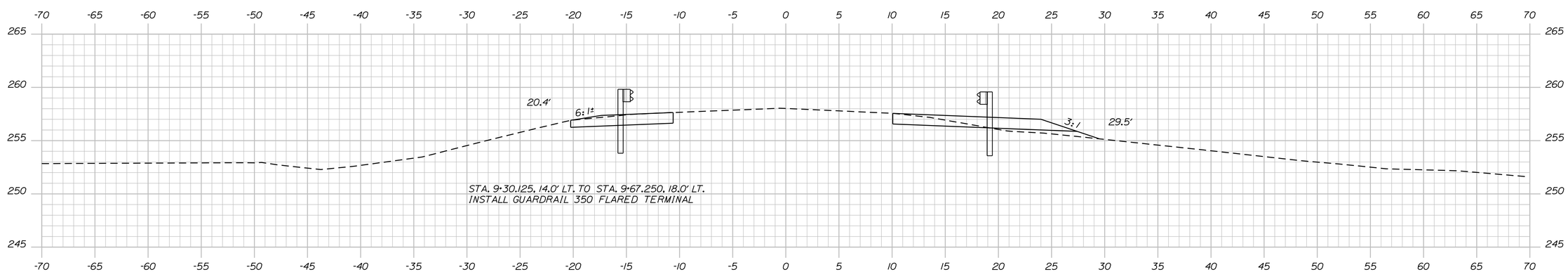
Sta. 8+75.00 to Sta. 9+25.00



9+67.25



9+50.00



9+44.75

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

SIGNATURE

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	S. BODGE		
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

CROSS SECTIONS

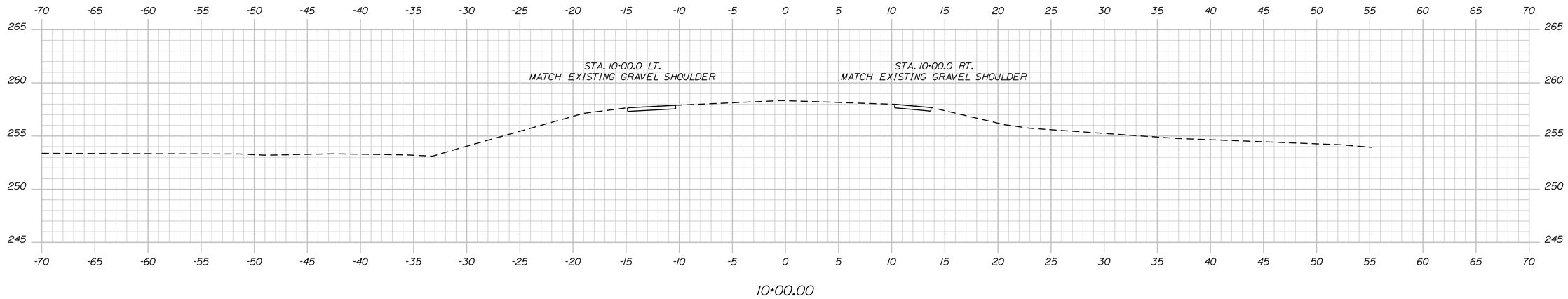
SHEET NUMBER

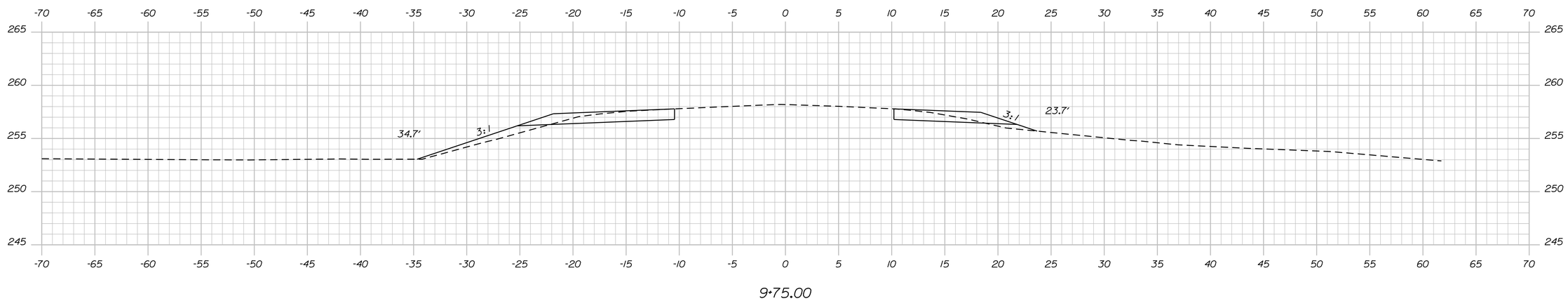
11

OF 14

Sta. 9+44.75 to Sta. 9+67.25

Filename: ...\MSTA\010_z_Xsect_9+44_006.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

HILL MILL BRIDGE
HILL MILL STREAM
STETSON PENOBSCOT COUNTY

CROSS SECTIONS

SHEET NUMBER

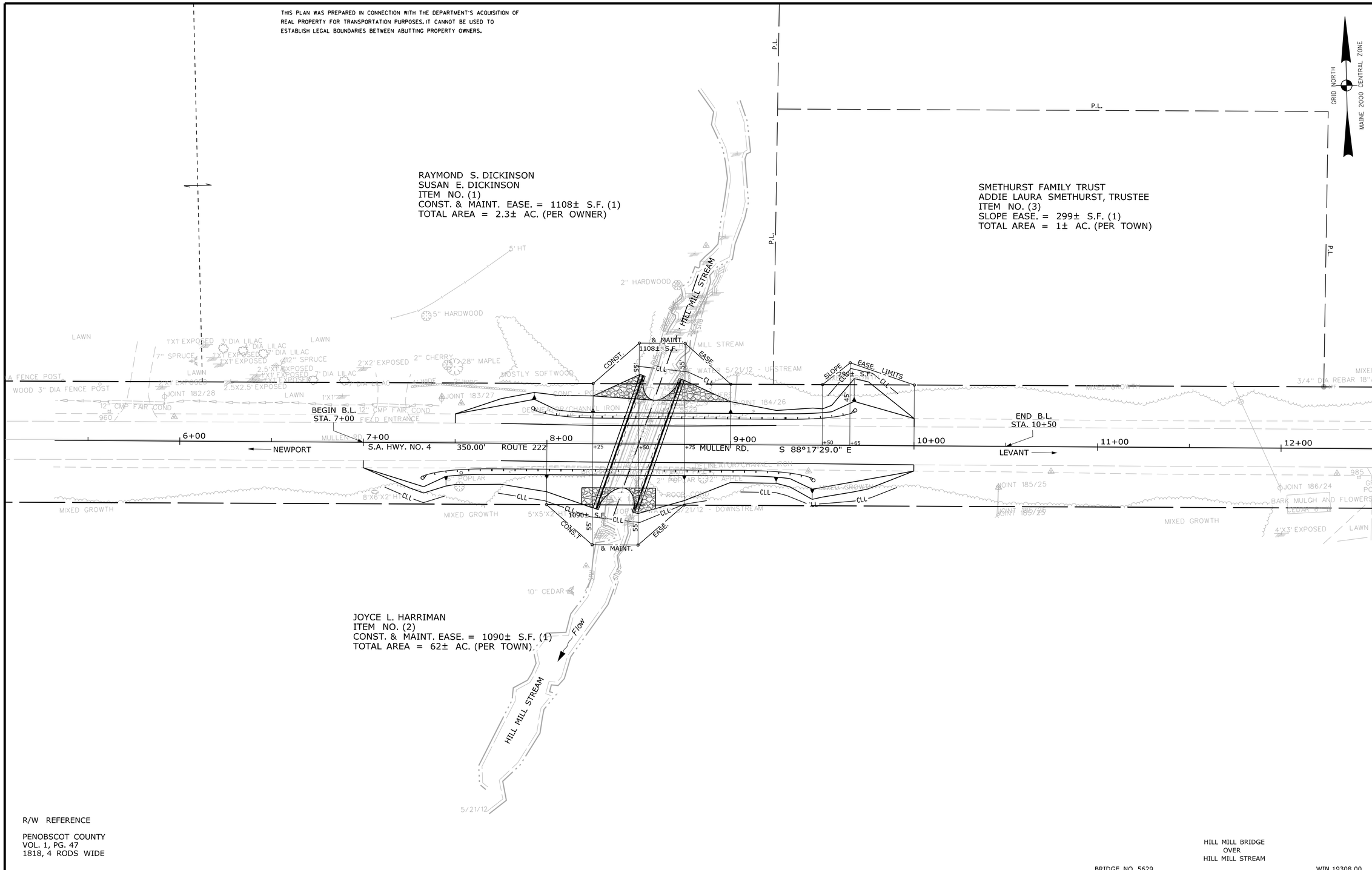
12

OF 14

Sta. 9+75.00 to Sta. 10+00.00

Filename: ...\MSTA\011_z_Xsect_9+75_007.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

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



R/W REFERENCE

PENOBSCOT COUNTY
VOL. 1, PG. 47
1818, 4 RODS WIDE

HILL MILL BRIDGE
OVER
HILL MILL STREAM

BRIDGE NO. 5629

WIN 19308.00

SYMBOLS

- IP or IPF (IRON PIPE or PIN FOUND)
- ST (SEPTIC TANK)
- BM (ROW MONUMENT) (TRAVERSE POINT)
- WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- 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
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	BDM	
PROP. LINES	BDM	
AREAS	BDM	

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/8/13	13359	15

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER
DATE

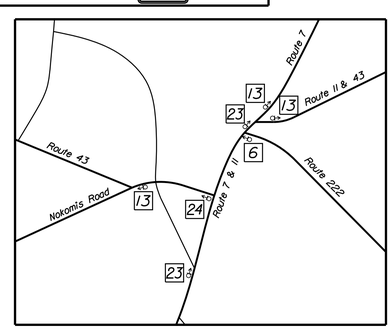
STATE AID HIGHWAY NO. 4
ROUTE 222 MULLEN ROAD
STETSON PENOBSCOT COUNTY
STATE PROJECT NO. 19308.00

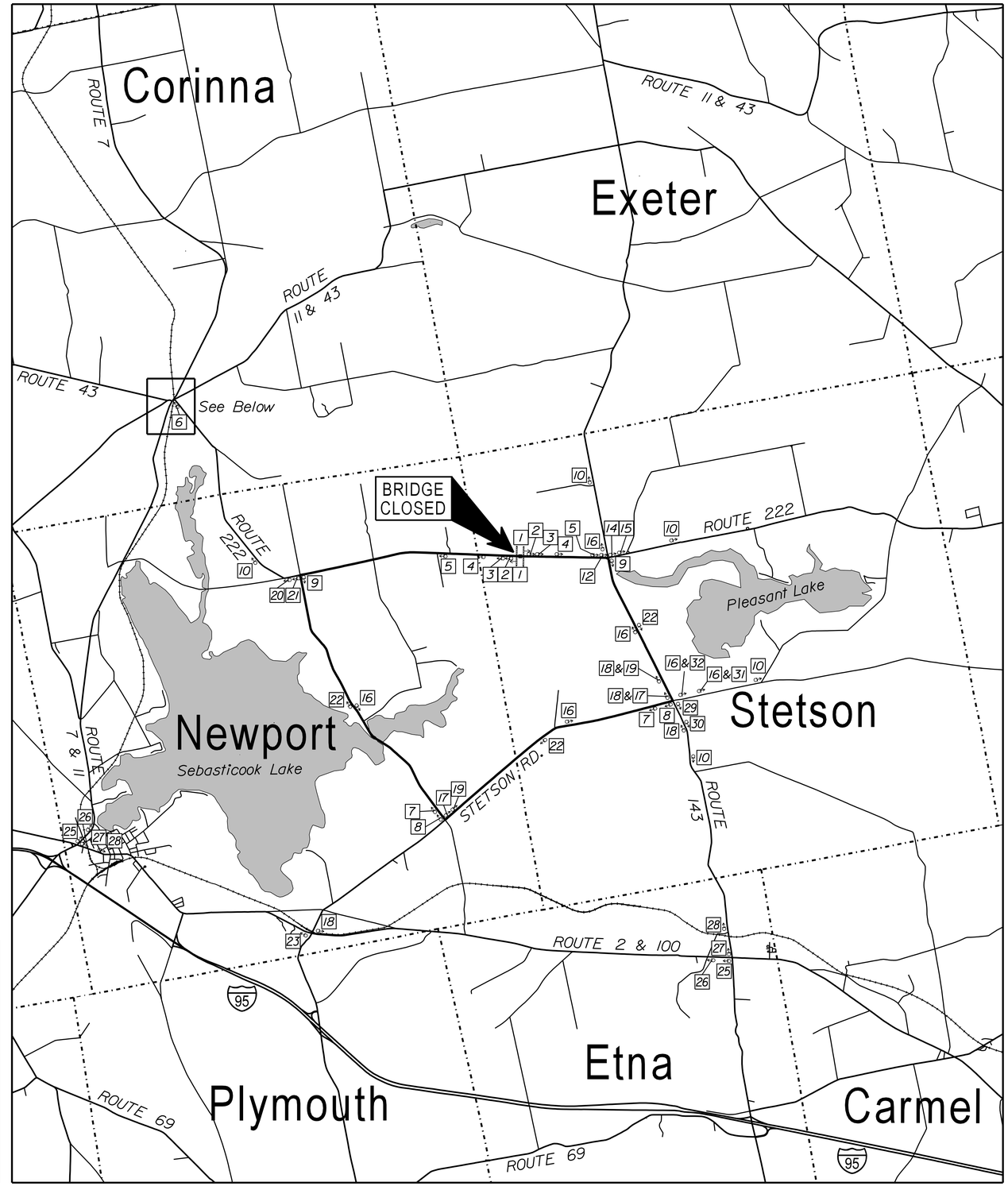
JUNE 2013 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 10-487
SCALE 1" = 25' | SHEET 1 OF 1

SHEET NUMBER
13
OF 14

Filename: ...\00\ROW\MSTA\001_RWPLAN1.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013

1	ROAD CLOSED 2 - TYPE III BARRICADES
2	ROAD CLOSED 500 FT
3	ROAD CLOSED 1000 FT
4	ROAD CLOSED ½ MILE
5	ROAD CLOSED 1 MILE
6	EAST 222 ROAD CLOSED 6.0 MILES AHEAD TRUCK DETOUR
7	DETOUR EAST 222
8	DETOUR EAST 222
9	END DETOUR 222
10	DETOUR AHEAD
11	Removed
12	ROAD CLOSED 1.15 MILES AHEAD LOCAL TRAFFIC ONLY
13	TRUCK DETOUR AHEAD
14	DETOUR WEST 222 ←
15	DETOUR WEST 222 ↰
16	DETOUR WEST 222 ↑
17	DETOUR WEST 222 →
18	TRUCK DETOUR WEST 222 ↑
19	DETOUR WEST 222 ↱
20	DETOUR EAST 222 ↱
21	DETOUR EAST 222 →
22	DETOUR EAST 222 ↑
23	TRUCK DETOUR EAST 222 ↑
24	TRUCK DETOUR EAST 222 →
25	TRUCK DETOUR EAST 222 ←
26	TRUCK DETOUR EAST 222 ↰
27	TRUCK DETOUR WEST 222 →
28	TRUCK DETOUR WEST 222 ↱
29	DETOUR TO WEST 222 ←
30	DETOUR TO WEST 222 ↰
31	TRUCK DETOUR WEST 222 ↰
32	TRUCK DETOUR WEST 222 ←





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

019308.00

WIN 19308.00

BRIDGE PLANS

5629

PROJ. MANAGER	S. BODGE	BY	DATE
DESIGN-DETAILED	R. MYERS	MRP	OCT 2013
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
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REVISIONS 2			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STETSON

HILL MILL BRIDGE
HILL MILL STREAM
PENOBSCOT COUNTY

TRAFFIC CONTROL PLAN

SHEET NUMBER

14

OF 14

Filename: ...\MSTA\012_Detour_Plan.dgn Division: BRIDGE Username: Mark.Poulin Date:10/24/2013