

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

MaineDOT Standard Specifications, 2020, w/ Current Supplemental Specifications.
MaineDOT Standard Details, 2020, w/ Current Updates.

TIDAL INFORMATION

Stream flow of Wildcat Creek is influenced by tidal currents.
A reversing current exists with alternating stages of "ebb" and "flood".
High and low tide information for this location can be found at the following National Oceanic and Atmospheric Administration website:

<https://tidesandcurrents.noaa.gov/noaatidepredictions.html?id=8416828>

TRAFFIC DATA

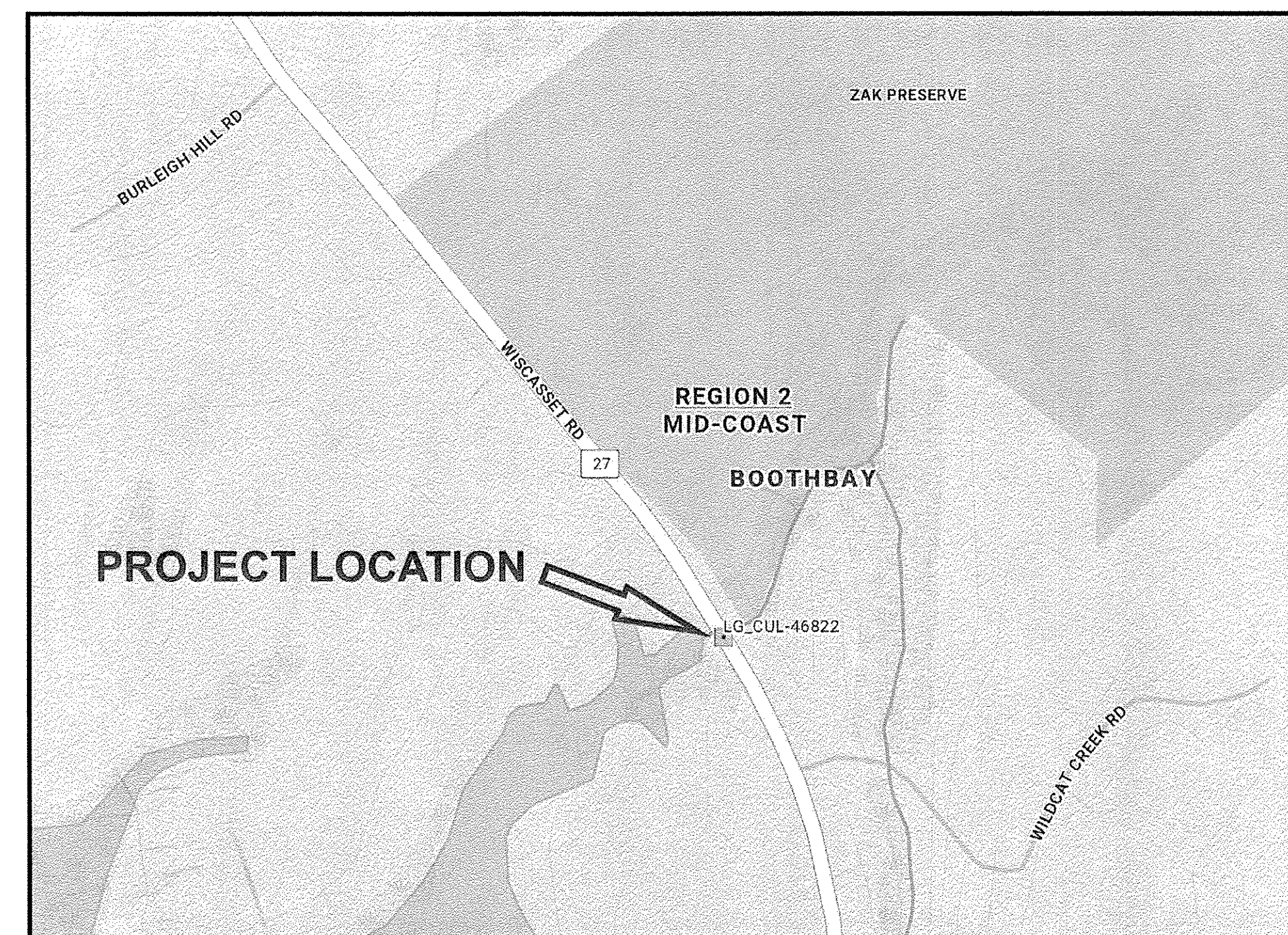
Factored AADT (2022) 8,571
Posted Speed (mph) 50

MATERIALS ~ SPECIFICATIONS

Gabions 711.02 & 711.03
Heavy Riprap 703.28
Erosion Control Blanket 717.061
Erosion Control Geotextile 722.03
Rebar Dowels ASTM A615, Grade 60

UTILITIES

Aerial:
-Central Maine Power
-Charter Communications of NNE
-Consolidated Communications
Underground: N/A



BOOTHBAY LINCOLN COUNTY LG. CULVERT 46822 OVER WILDCAT CREEK ST RTE 27 (Wiscasset Rd.) WIN 027091.00 PROJECT LENGTH 0.000 mi. SLOPE STABILIZATION

LIST OF DRAWINGS

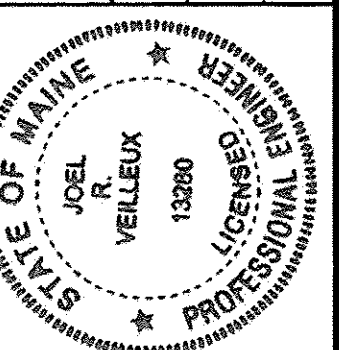
Title Sheet	1
Plan, Quantities & Notes	2
Slope Stabilization	3
DOT File 8-113 (Sheet 18)	4

MAINTENANCE OF TRAFFIC

Temporary lane closures, northbound lane.
Maintain one 12'-0" wide lane of alternating two - way traffic using flaggers.

PROJECT LOCATION	LG. Culvert (#46822) over Wildcat Creek (Tidal). Located 0.25 Miles South East of Burleigh Hill Road Lat./Long. 43°55'49.03" N 69°37'0.88" W
PROGRAM AREA	Region 2 - Maintenance & Operations
OUTLINE OF WORK	Slope Stabilization at the Inlet of Large Culvert #46822

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		10-6-23
CHIEF ENGINEER: <i>[Signature]</i>		10-5-2023



[Signature]
SIGNATURE
13280
P.E. NUMBER
10/2/2023
DATE

PROJECT INFORMATION	
PROGRAM	Maintenance & Operations
PROJECT MANAGER	David Allen
DESIGNER	Joel Veilleux
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

BOOTHBAY
LG. CULVERT #46822
TITLE SHEET

SHEET NUMBER
1
OF 4

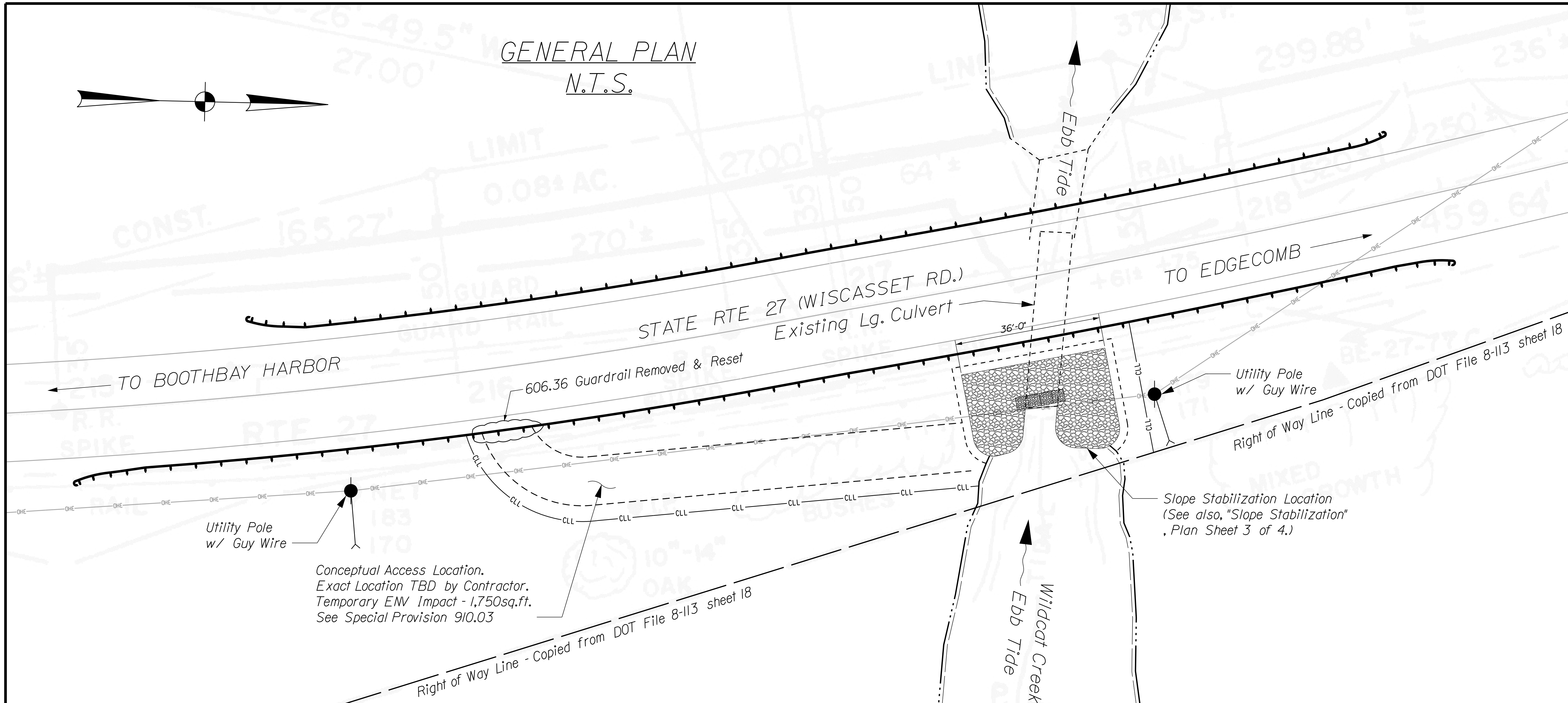
Date: 10/2/2023

Username: Joel.R.Veilleux

Division: BRIDGE

Filename: \001_Title Sheet.dgn

WIN 027091.00



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
601.21	GABIONS, GALVANIZED	4	CY
606.36	GUARDRAIL REMOVED AND RESET	25	LF
610.16	HEAVY RIPRAP	88	CY
613.319	EROSION CONTROL BLANKET	22	SY
615.071	LOAM, SEED, MULCH	10	SY
620.58	EROSION CONTROL GEOTEXTILE	90	SY
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
652.39	WORK ZONE TRAFFIC CONTROL	1	LS
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
910.03	SPECIAL WORK (TIMBER MATS - ENVIRONMENTAL PROTECTION)	1	LS

GENERAL NOTES

- For easements and right of way lines, refer to the Right of Way Map - DOT File 8-113 sheet 18, Plan Sheet 4 of 4.
- The clearing limits as shown on the Plans are approximate. The exact limits will be established in the field by the MaineDOT Resident and Environmental staff. Payment for clearing will be considered incidental to Contract items.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Place heavy riprap in accordance with MaineDOT Standard Specifications section 610 and MaineDOT Standard Details section 610, except the protective aggregate cushion shall not be used and the riprap depth is 3'-0", as detailed.
- Riprap and Gabion geotextile shall be Class 1, non-woven, Erosion Control Geotextile (loosely placed) meeting the requirements of Standard Specification 722.03.
- Place geotextile, at toe of riprap, in accordance with MaineDOT Standard Detail 620(05), Detail "A".
- Material excavated from around the culvert inlet in preparation for riprap placement shall be reused on site. The material shall be placed onto the nearby existing sideslopes in a manner to reshape and reduce the steepness of the slopes. There will be no separate payment to excavate and reuse material on site and this work shall be considered incidental to the 610.16 Heavy Riprap pay item.
- Place loam 2 inches deep on reconstructed sideslopes or as directed by the Resident.

GENERAL NOTES

- The rebar dowels for the gabions will not be paid for separately and shall be considered incidental to the 601.21 Gabions pay item.
- The removal of the stone blockage from the streambed is required work under This Contract. Payment shall be made under pay items 629.05 Hand Labor, Straight Time & 631.12 All Purpose Excavator (Including Operator). Removed stones shall be reused as riprap.
- Place a 24 inch wide strip of Erosion Control Blanket on the sideslopes along both sides and the top of the riprap.
- 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 and Time.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINTENANCE & OPERATIONS
WIN 027091.00
LG. CULV. #46822 SLOPE STABILIZATION

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGNS-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
BY
SIGNATURE
P.E. NUMBER
DATE

LARGE CULVERT #46822
WILDCAT CREEK
BOOTHBAY
LINCOLN
PLAN, QUANTITIES & NOTES

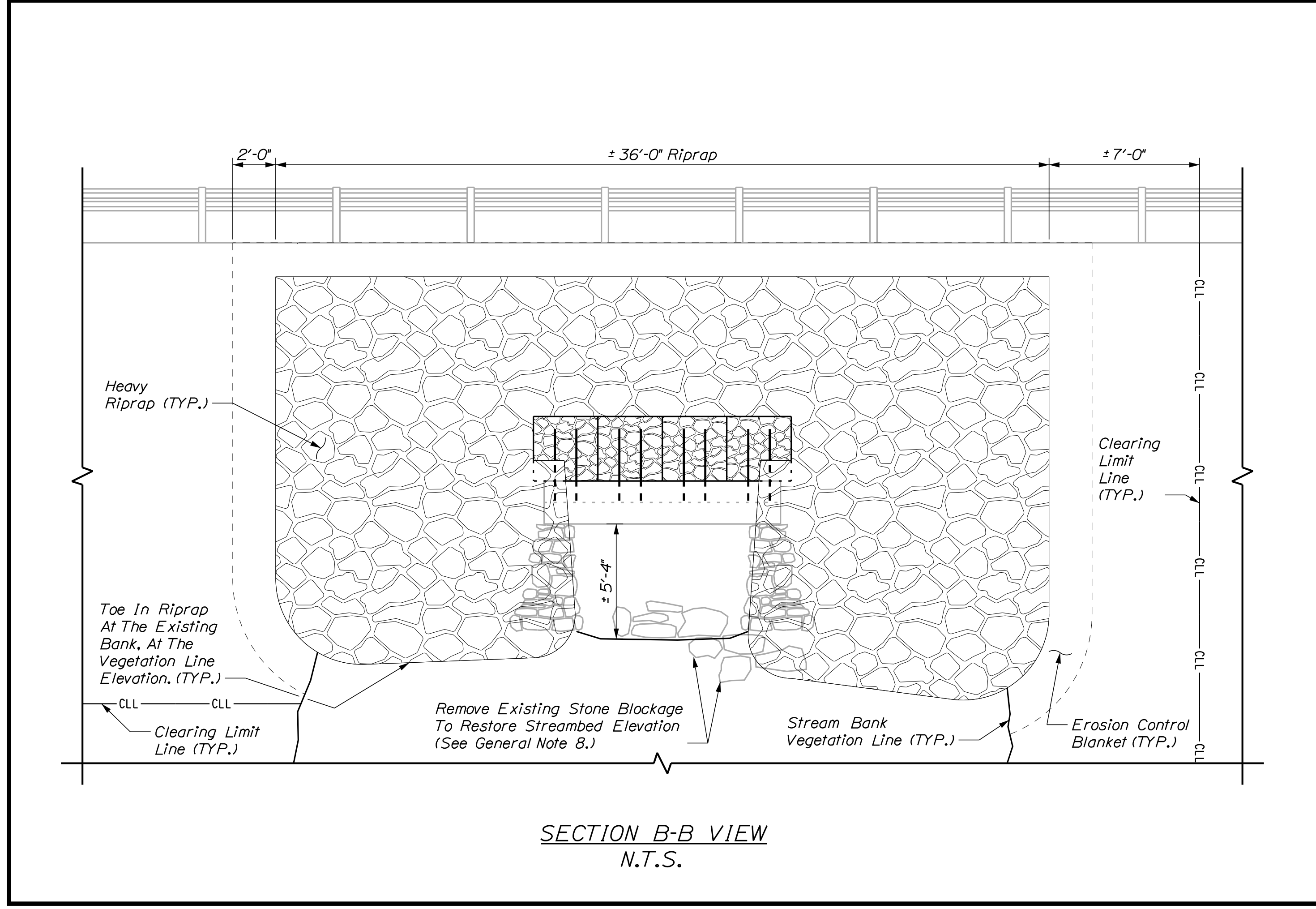
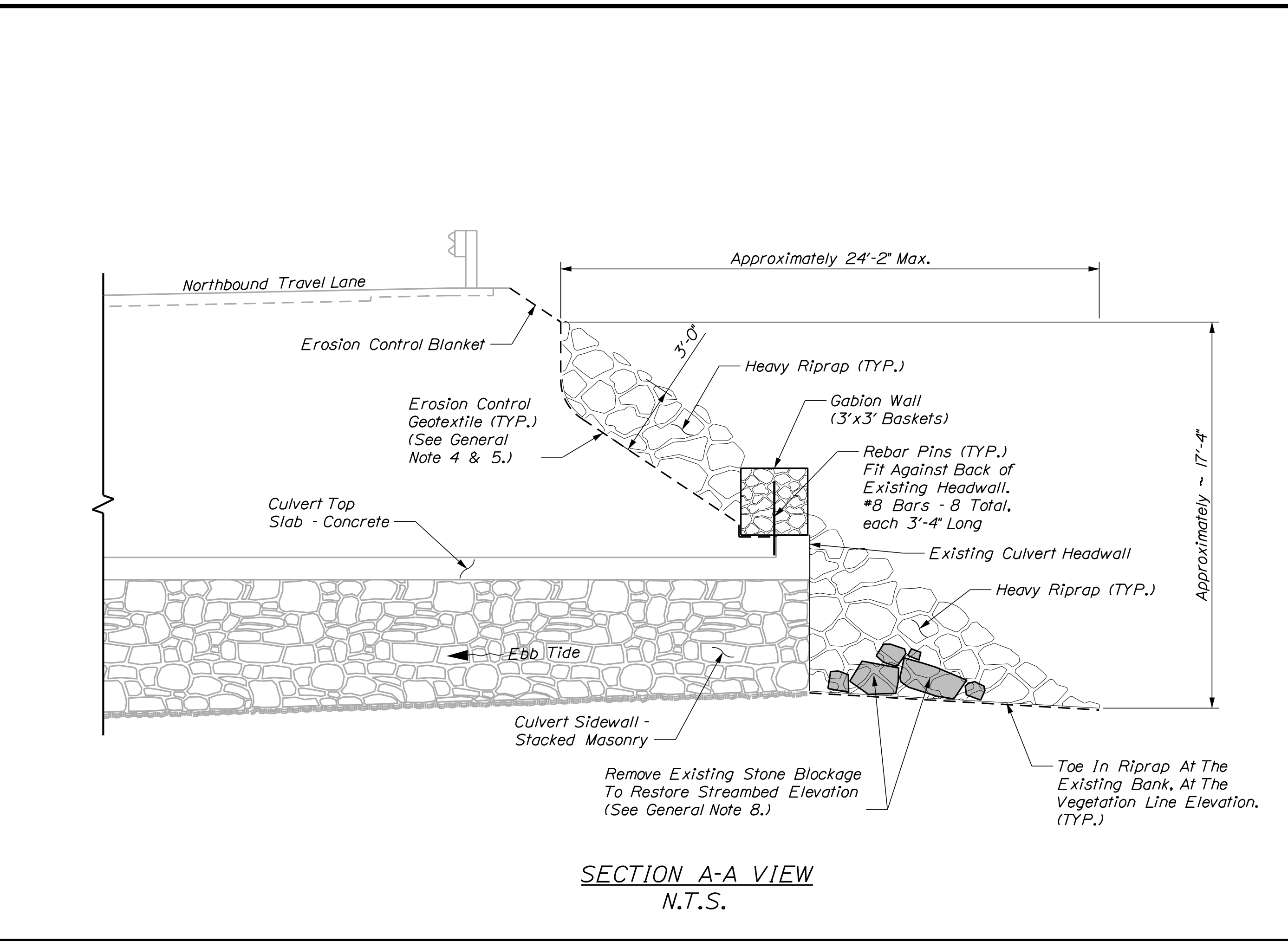
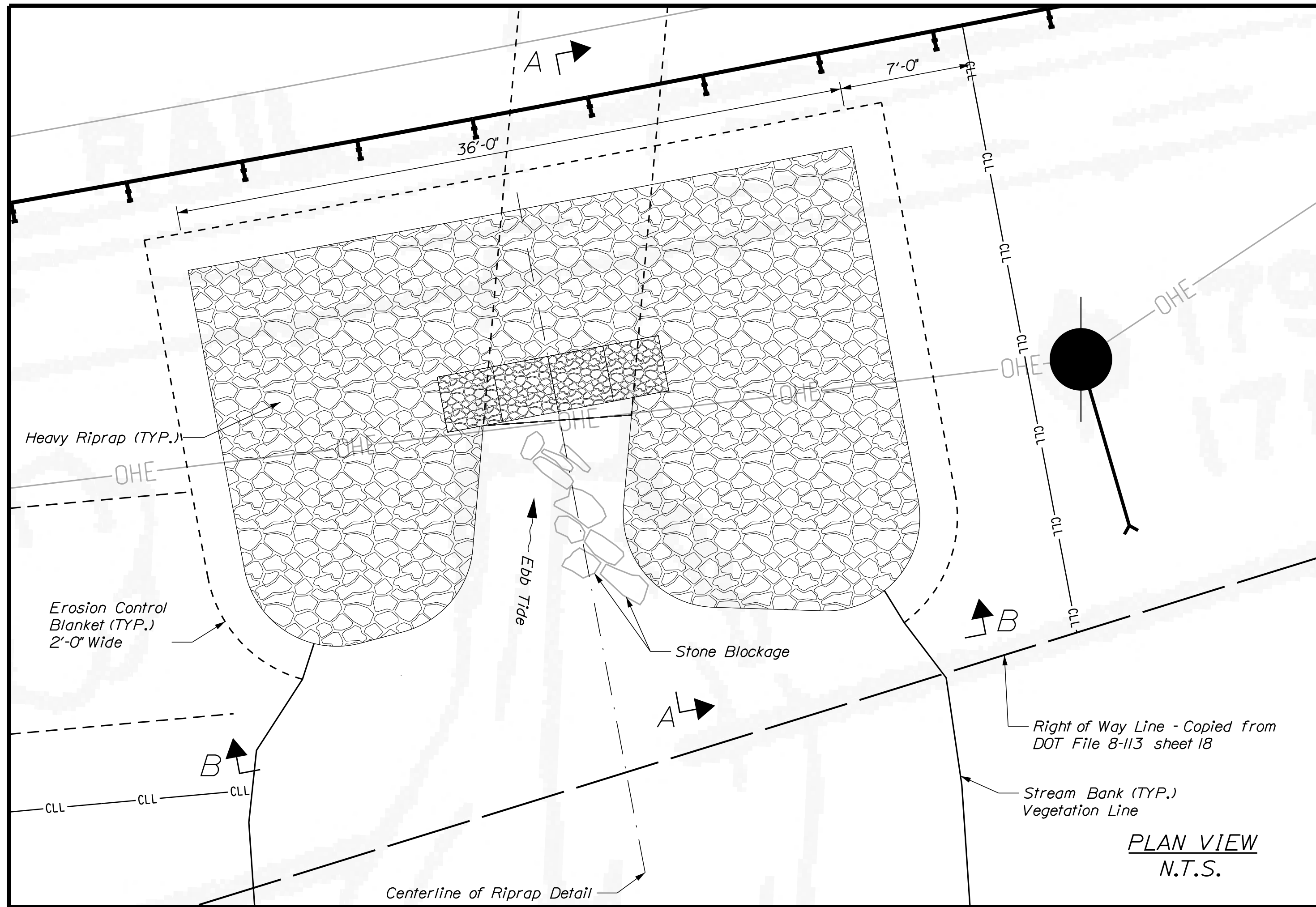
SHEET NUMBER
2
OF 4

Filename: ...003_Slope Stabilization.dgn

Division: BRIDGE

Username: Joel.R.Veilieux

Date: 7/6/2023



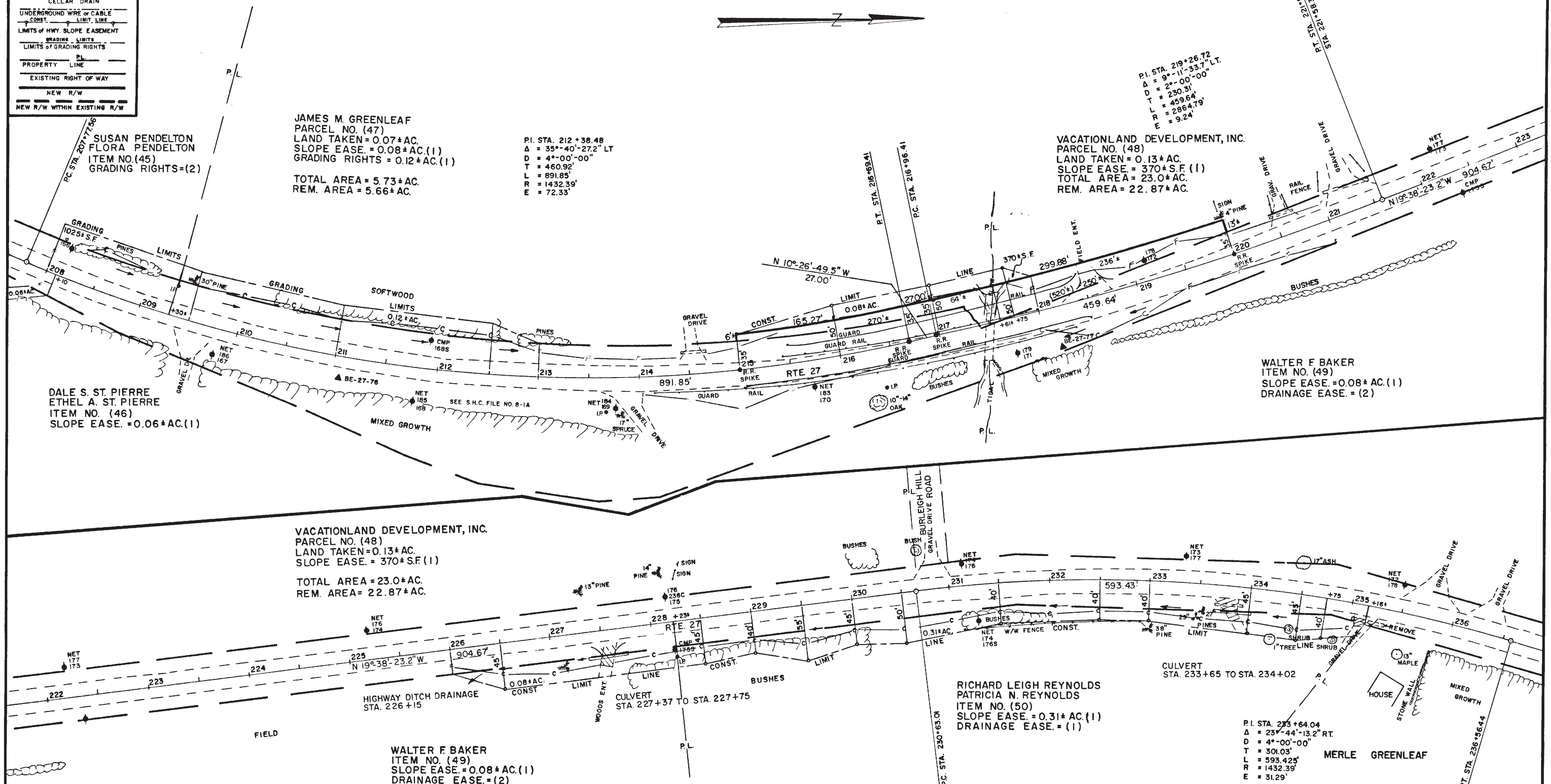
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
MAINTENANCE & OPERATIONS		WIN	
LG. CULV. #46822		027091.00	
SLOPE STABILIZATION		SLOPE STABILIZATION	
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	J. Veilieux	JUL 2023	
CHECKED-REVIEWED	J. Veilieux	JUL 2023	
DESIGN-DETAILED	K. Dyer III	JUL 2023	
DESIGN-DETAILED	J. Costigan	JUL 2023	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
LARGE CULVERT #46822		LINCOLN	
WILDCAT CREEK		BOOTHBAY	
SLOPE STABILIZATION		SLOPE STABILIZATION	
SHEET NUMBER		3	
		OF 4	

SYMBOLS	
⊙ I.P. (IRON PIPE or PIN)	⊙ DISSEPTIC TANK
⊙ O WELL	⊙ SPRING
— WATER LINE of MAIN	— SEWER LINE
— CELLAR DRAIN	— UNDERGROUND WIRE or CABLE
— LIMIT LINE	— LIMITS of HWY. SLOPE EASEMENT
— GRADING LIMITS	— LIMITS of GRADING RIGHTS
— PROPERTY LINE	— EXISTING RIGHT OF WAY
— NEW R/W	— NEW R/W WITHIN EXISTING R/W

ITEM	FIGURED	PLOTTED	CHECKED
BASE LINE			
TOPOGRAPHY			
R/W LINES			
AREAS			
EXIST. R/W			

REVISIONS			
NO.	DATE	DESCRIPTION	BY

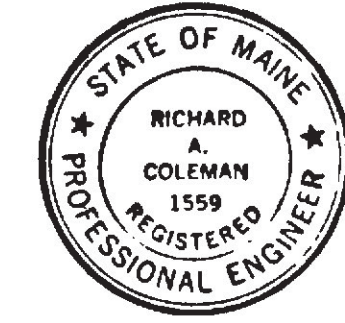
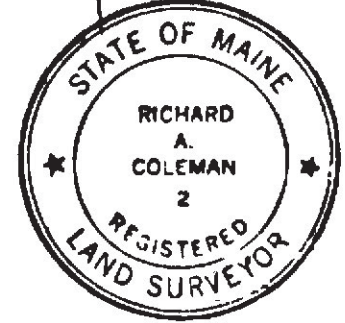
F.H.W.A. RES. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS



PLAN FILED IN PLAN BOOK 37 PAGE 55 SEPT. 1986

COUNTY RECORD				
NO.	GRANTOR	INSTRUMENT	DATE	PAGE

NOTE:
FOR EXISTING R/W REFERENCES
SEE SHEET NO. 10



NOTE:
SEE TEDOCS NO. 867316 FOR
RAILROAD SPIKES CENTER
LINE CONTROL

MAINE DEPARTMENT OF TRANSPORTATION-CENTERLINE CONTROL					
MAINE STATE COORDINATE SYSTEM - WEST ZONE					
CONTROL MONUMENTS			TRAV. CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST
P.C. 215+00	400047.285	644803.321	BE-27-76	399674.045	644936.523
P.T. 216+89.41	400196.772	644723.849	TRAVERSE	ROD W/ALUMINUM DISK:	
P.C. 218+98.41	400219.822	644709.789		21.0' E OF RTE. 27, 77C	
P.C. 220+00	400470.144	644538.278		8 OF POLE NO. 188	
			BE-27-77	400341.839	644676.585
			TRAVERSE	ROD W/ALUMINUM DISK	
			AT STA. 218+14.69,	40.23' RT.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP
STATE HIGHWAY "20"

BOOTHBAY LINCOLN COUNTY
FEDERAL AID PROJECT NO. F-FG-BWF-020-1(1) PART I

DATE: JULY 1984
SCALE: 1 INCH = 50 FEET

APPROVED:
DANA F. CONNORS
COMMISSIONER

SHEET NO. 18 OF 36 SHEETS
D.O.T. FILE NO. 8-113

REVISIONS

RICHARD A. COLEMAN
REGISTERED PROFESSIONAL ENGINEER