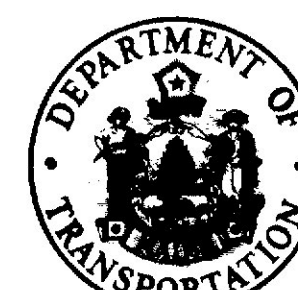


FREEPORT

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION



PLANS

FREEPORT

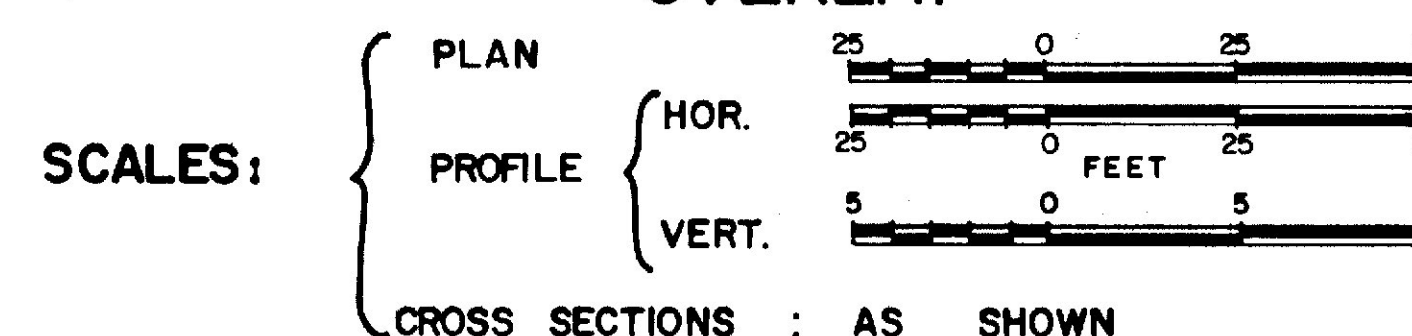
CUMBERLAND COUNTY

FEDERAL AID SECONDARY

PROJECT NO. SR-0150 (4)

PROJECT LENGTH: 0.553 MILES

OVERLAY

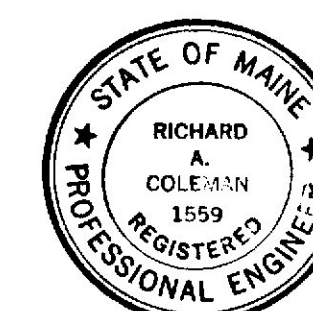
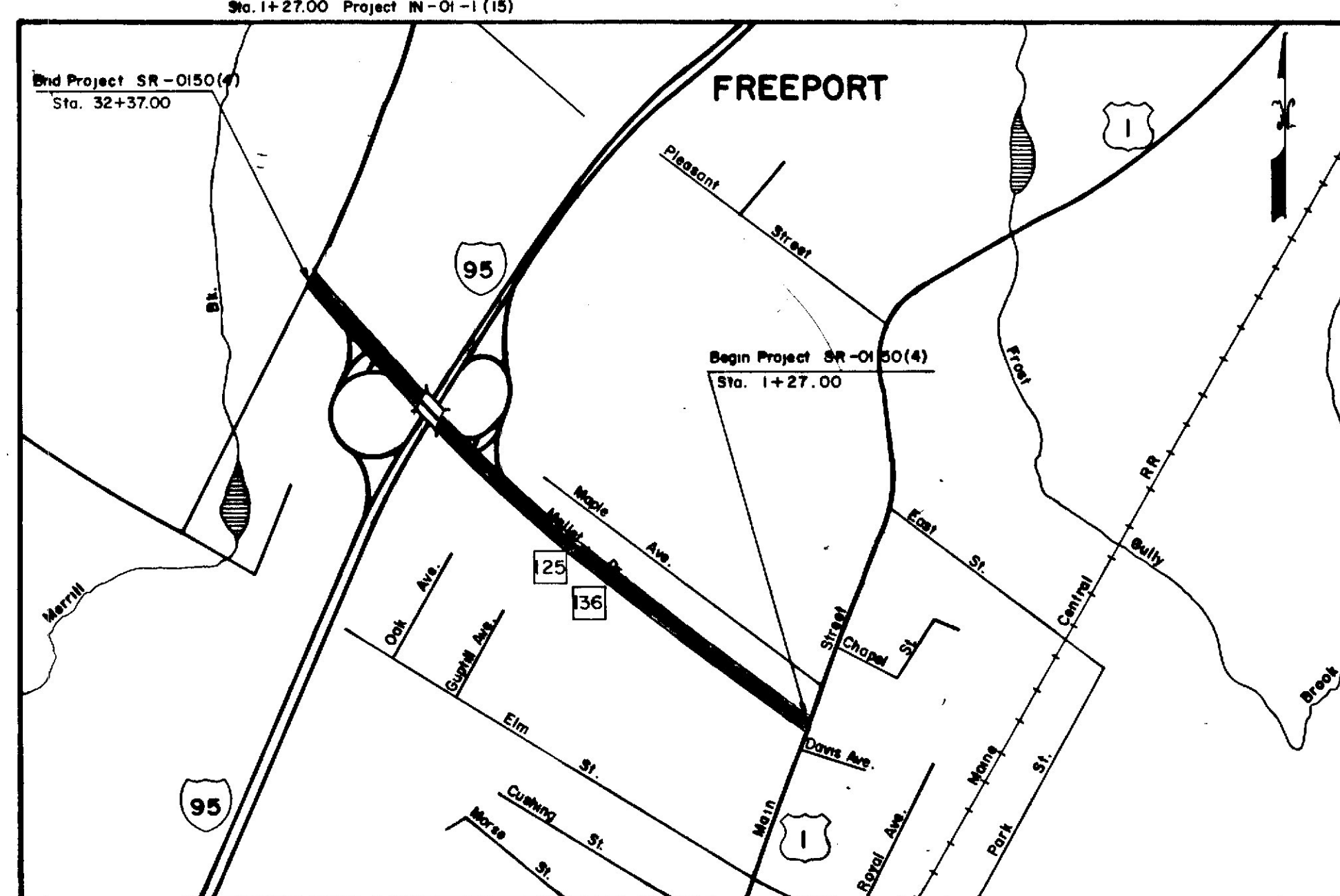
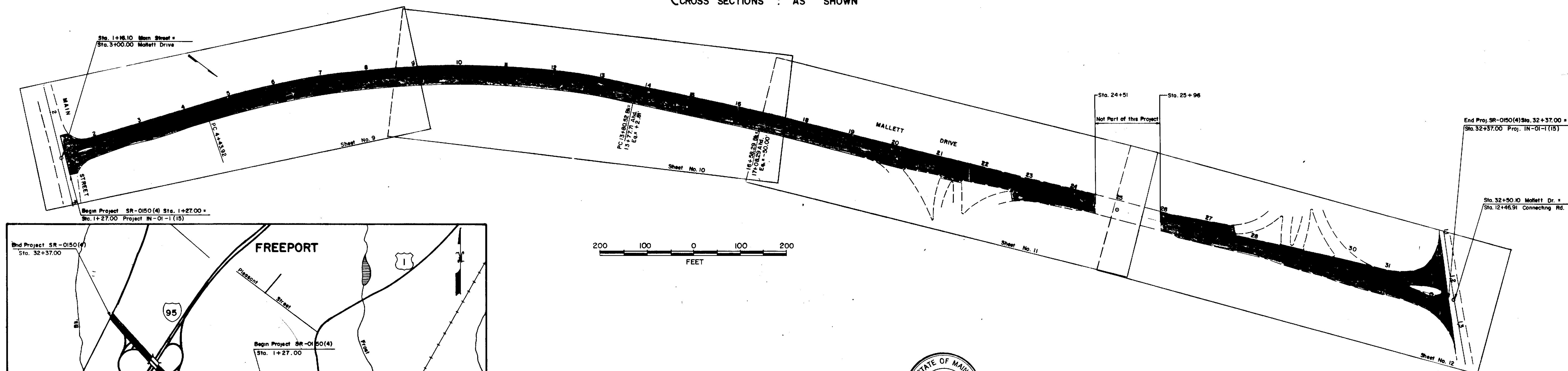


INDEX OF SHEETS

DESCRIPTION	SHEET NO.
TITLE SHEET	1
TYPICAL SECTIONS	2
ESTIMATED QUANTITIES	3
STANDARD DETAILS & MAINTENANCE OF TRAFFIC	4-8
PLAN & PROFILE	9-12
CROSS SECTIONS	13-26
BRIDGE CONNECTION DETAILS	27

CONVENTIONAL SIGNS

COUNTY LINES	---
TOWN LINES	---
PROPERTY LINES	---
R/W LINES - EXISTING	---
R/W LINES - NEW - ACCESS CONTROL	---
R/W LINES - NEW - NO ACCESS CONTROL	---
CULVERT - EXISTING	---
CULVERT - PROPOSED	---
CURBING - EXISTING	---
CURBING - PROPOSED	---
TRAVELLED WAY - EXISTING	---
TRAVELLED WAY - PROPOSED	---
UNDERGROUND UTILITIES - EXISTING	---
UNDERGROUND UTILITIES - PROPOSED	---
RAILROAD - SINGLE TRACK	---
RAILROAD - DOUBLE TRACK	---
UTILITY POLE - EXISTING	---
UTILITY POLE - JOINT OCCUPANCY	---
PROPOSED UTILITY POLE - TEMPORARY	---
PROPOSED UTILITY POLE - PERMANENT	---
TREES	---
WOODS	---



TRAFFIC DATA

A.D.T.	1982	6090
A.D.T.	2002	7280
D.H.V.		248
T. (%)		5
D. (%)		60
V.		40 MPH
P.S.D. (%)		N/A
18 KIPS		75

Note:
All work contemplated under this contract to be governed by and in conformity with the specifications adopted June 1981 except as modified on these plans, in the special provisions and in any other supplemental specifications.

APPROVED:

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Richard A. Coleman
COMMISSIONER

Richard A. Coleman
CHIEF ENGINEER

DATE

March 24, 1982

March 24, 1982

UNITED STATES
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 1

APPROVED:

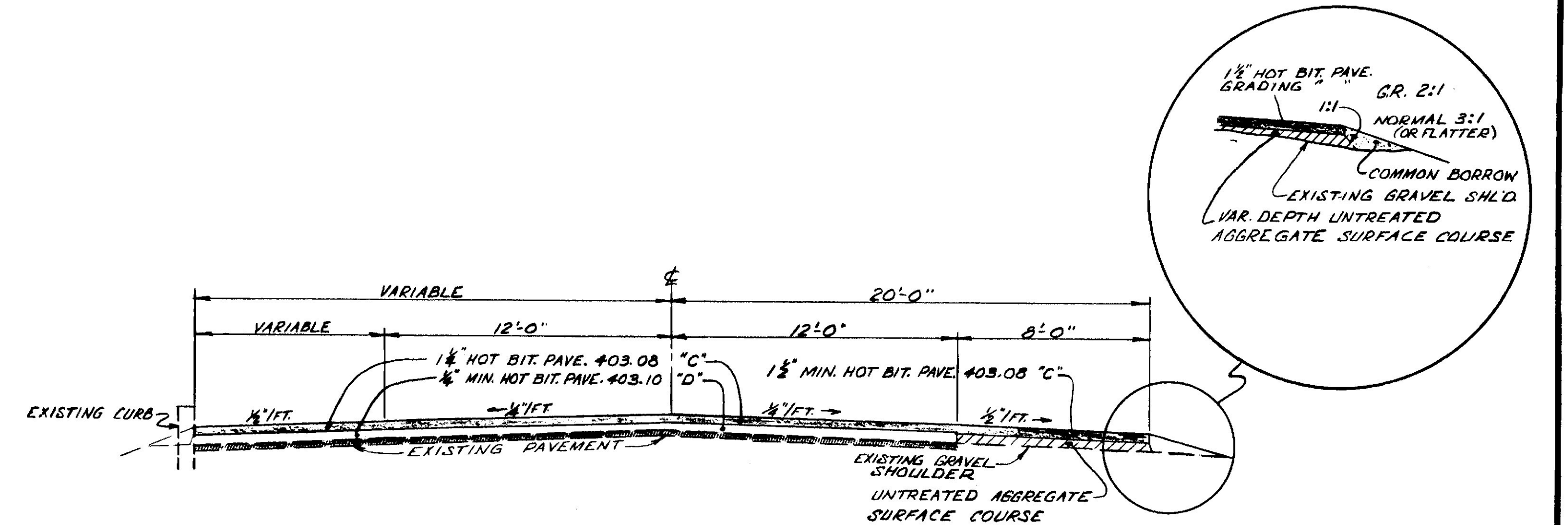
DIVISION ENGINEER DATE

1 1/4" HOT BITUMINOUS PAVEMENT

F.R.E.A. REQ. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	150(4)	2	27

GENERAL NOTES

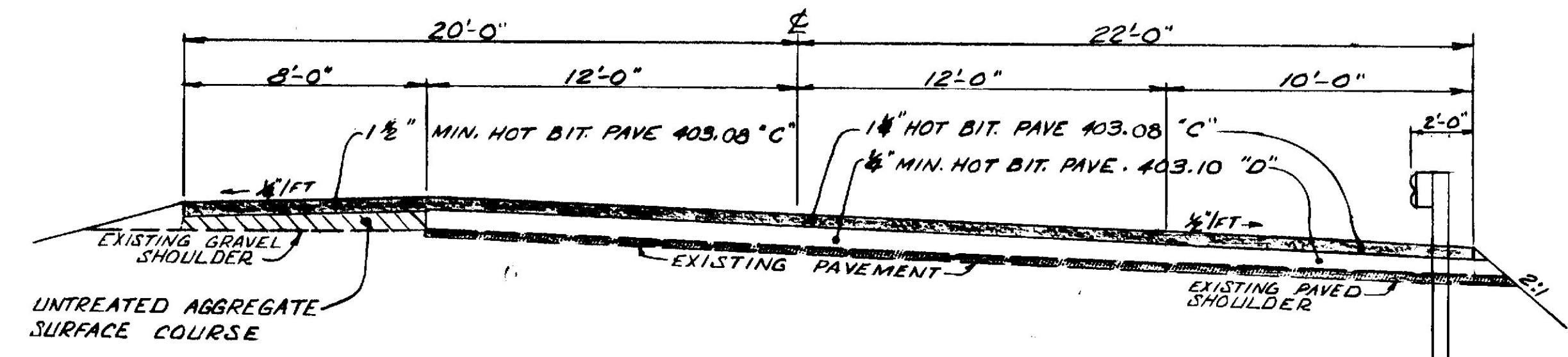
- ALL UTILITIES FACILITIES TO BE ADJUSTED BY THE RESPECTIVE UTILITY UNLESS OTHERWISE NOTED. UTILITIES INVOLVED NEW ENGLAND TEL. & TEL. CO., CENTRAL MAINE POWER CO.
- ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENTS SHALL BE BUTTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT WILL BE INCIDENTAL TO ITEM #03.
- ONE GUARD RAIL DELINEATOR POST SHALL BE INSTALLED AT EACH GUARD RAIL END.
- MULCH SHALL BE APPLIED IN AREAS SEEDED BY SEEDING METHOD NO. 2.
- ALL EXISTING CABLE GUARD RAIL ON THIS PROJECT TO BE REMOVED BY OTHERS. SHOULD THIS HAMPER THE CONTRACTORS OPERATIONS, PAYMENT FOR REMOVING AND STACKING EXISTING GUARD RAIL, AS DIRECTED BY THE ENGINEER WILL BE PAID UNDER HAND LABOR, STRAIGHT TIME, AND APPLICABLE EQUIPMENT RENTAL ITEMS.
- PLAN PROFILE SHEETS OF THE PREVIOUSLY CONSTRUCTED PROJECTS FOR THIS PROJECT AREA ARE AVAILABLE ON REQUEST PROJECT NO. IN-01-1(15) OR I-95-4(2).
- ALL SHOULDER GRADING REQUIRED ON THIS PROJECT SHALL BE PAID FOR UNDER APPLICABLE EQUIPMENT RENTAL ITEMS.
- ALL EXCAVATION ON THIS PROJECT TO BE PAID FOR UNDER APPLICABLE EQUIPMENT RENTAL ITEMS.
- CURB TYPE 3 TO BE INSTALLED WITH MOLD 1 AND SEALED WITH BITUMINOUS HAND SEALING-BLACK.



NORMAL SECTION

STA. 1+27 TO 3+50 LT
 STA. 1+27 TO 6+30 RT
 STA. 9+80 TO 11+25 LT
 STA. 15+50 TO 18+00 LT
 STA. 19+00 TO 24+50 RT
 STA. 25+96 TO 32+37 LT
 STA. 31+40 TO 32+37 RT

STA. 6+30 TO 19+00 RT
 STA. 18+00 TO 20+59 LT

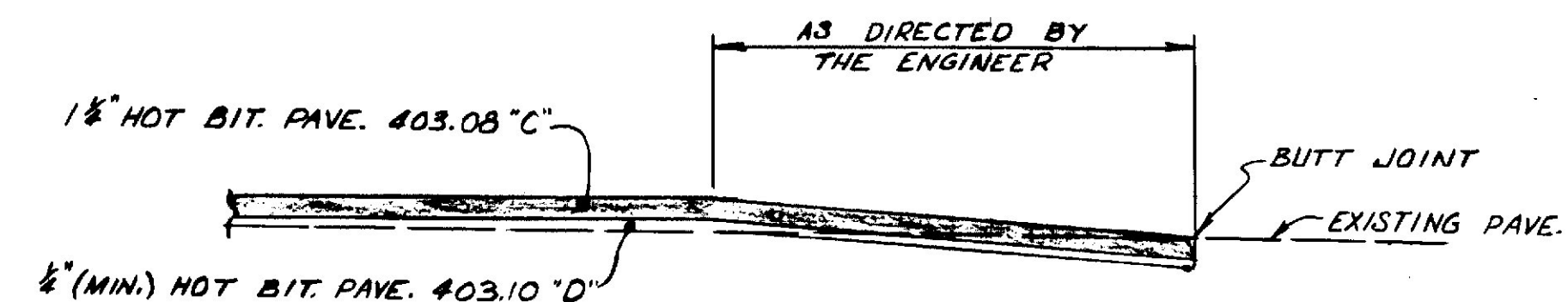


HIGH SIDE

STA. 3+50 TO 9+80 LT
 STA. 11+25 TO 15+50 LT

GUARD RAIL

STA. 20+59 TO 24+08 LT
 STA. 26+28 TO 31+40 RT



BUTT JOINT PROFILE
 (NOT TO SCALE)

ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT WILL BE INCIDENTAL TO ITEM #03.

NOTES: THE PAVEMENT DEPTH AS SHOWN ARE INTENDED TO BE NOMINAL.
 CROWN FOR NORMAL SECTIONS FOR ALL PAVEMENT COURSES SHALL BE STRAIGHT.
 TYPICAL SECTIONS ARE NOT DRAWN TO SCALE

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 FREEPORT
 150(4)

SHEET OF AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	DATE
DESIGN - DETAILED	2-92
CHECKED	
REVISIONS	
FIELD CHANGES	

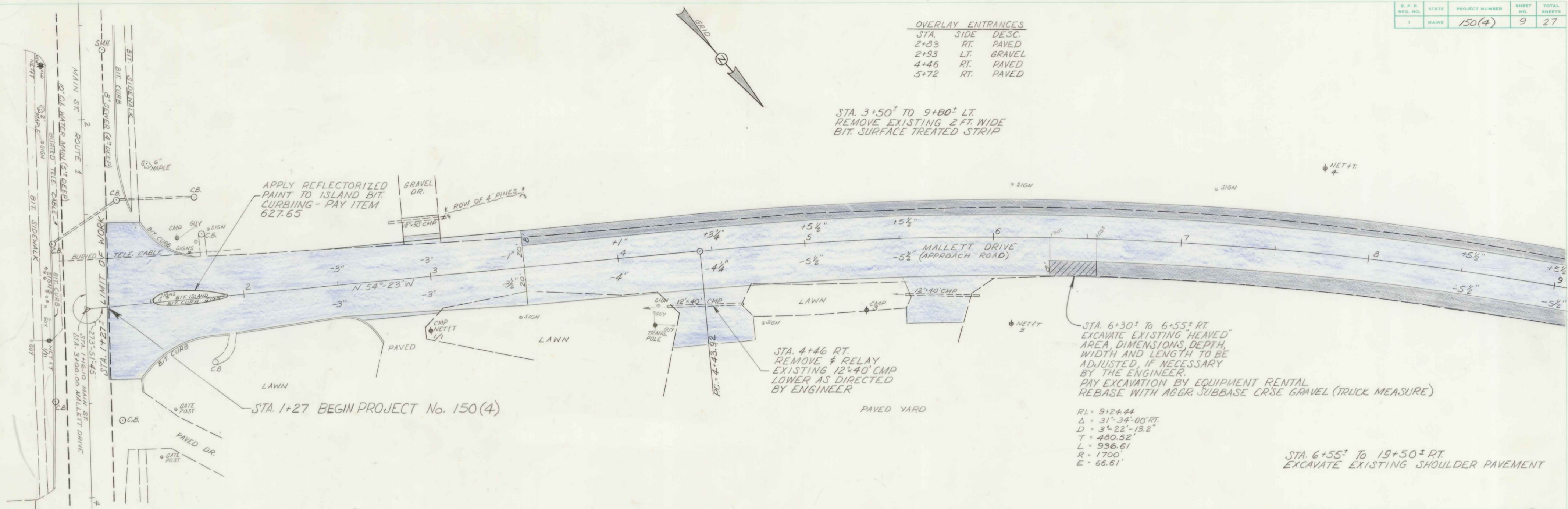
BRUNING 44 132 45710

PLAN
DATE 11-87
BY THIBAUT
CHECKED
NO. 9098

PROFILE
DATE 11-87
BY THIBAUT
CHECKED
NO. 9098

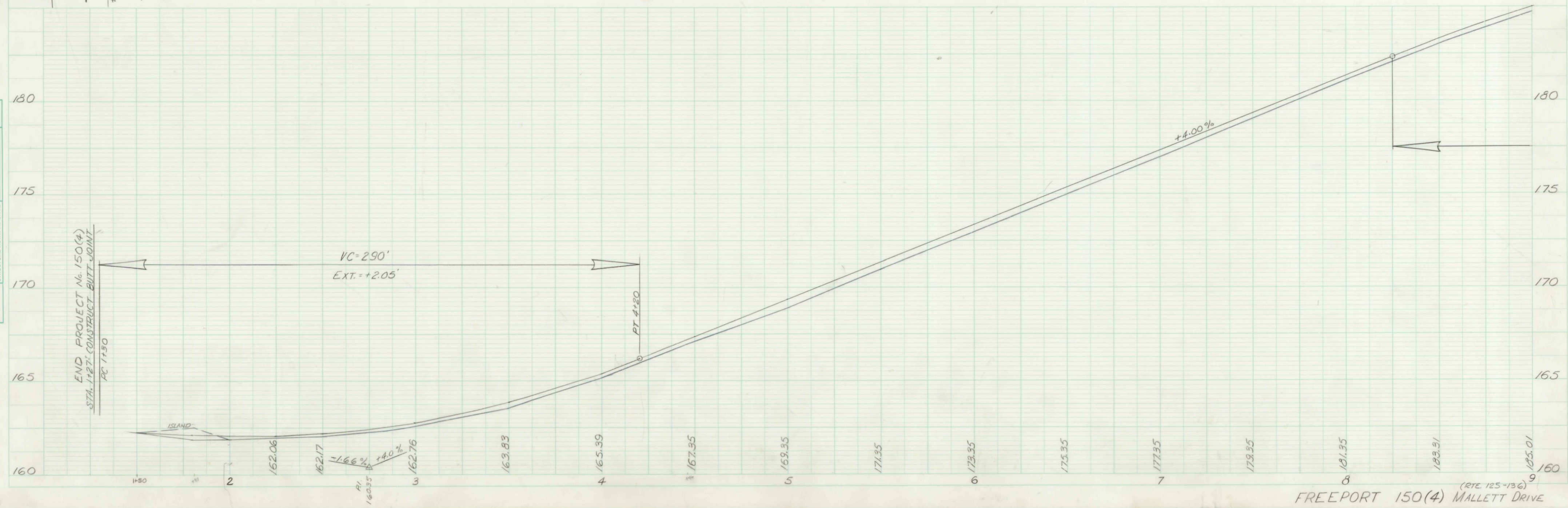
STA.	SIDE	DESC.
2+83	RT.	PAVED
2+93	LT.	GRAVEL
4+46	RT.	PAVED
5+72	RT.	PAVED

STA. 3+50± TO 9+80± LT.
REMOVE EXISTING 2 FT. WIDE
BIT. SURFACE TREATED STRIP



RI = 9+24.44
Δ = 31° 34' 00" RT.
D = 3° 22' 13.2"
T = 480.52'
L = 936.61'
R = 1700'
E = 66.61'

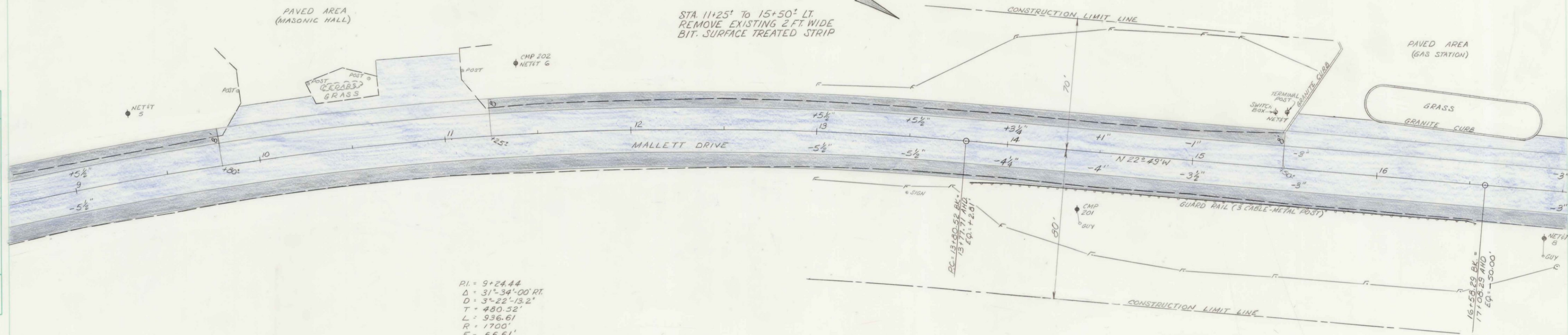
STA. 6+55± TO 19+50± RT
EXCAVATE EXISTING SHOULDER PAVEMENT



PLAN	SURVEYED	BY	DATE
NOTE BOOK NO. 9098	PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED	THIBAUT P. CHAUHAN	11-81 2-82

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	THIBAULT	11-81
9099	GRADES CHECKED	JEH HAW	2-52
	B. M.'s NOTED		

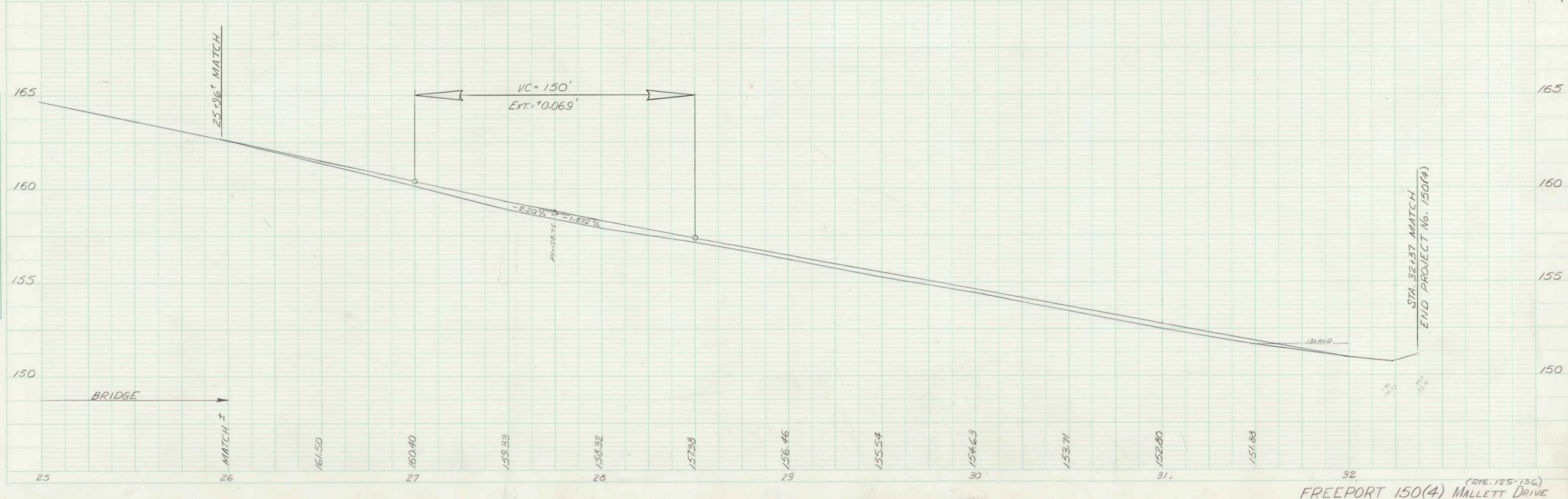
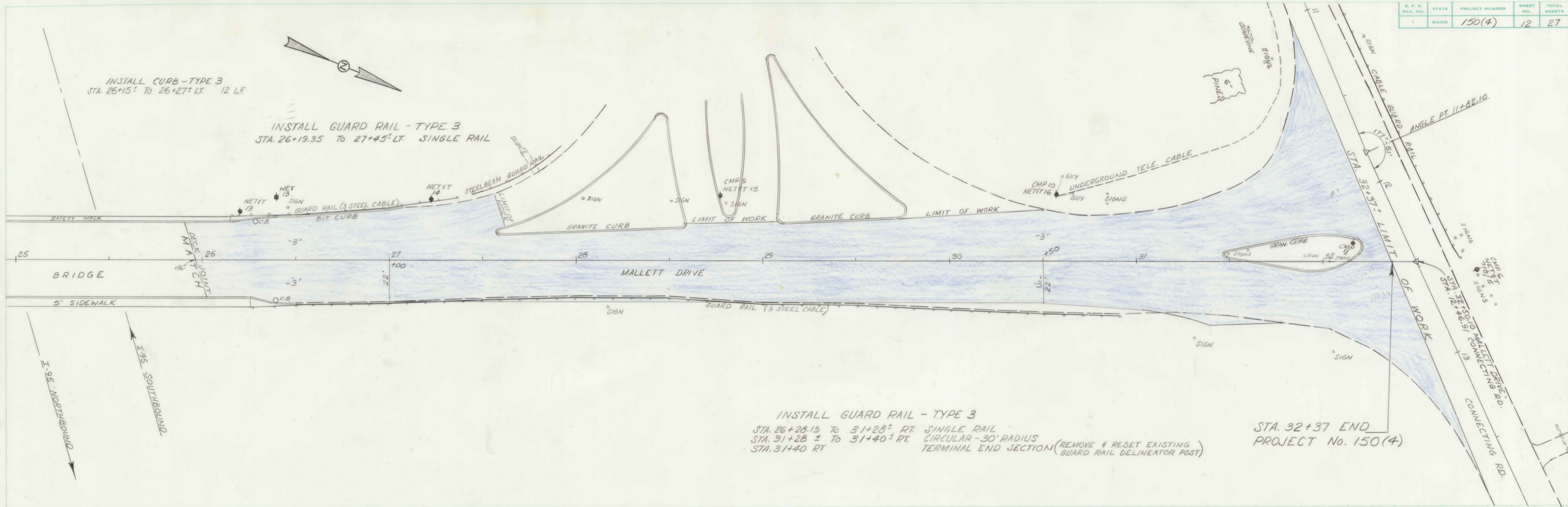
STA. 11+25⁺ TO 15+50⁺ LT.
REMOVE EXISTING 2 FT. WIDE
BIT. SURFACE TREATED STRIP



R. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	150(4)	12	27

PLAN	DATE	2-8-82
	BY	THIBAUD, R.H.
	SURVEYED	PLOTTED
	NOTE BOOK	RT. OF WAY CHECKED

PROFILE	DATE	2-8-82
	BY	THIBAUD, R.H.
	SURVEYED	GRADES CHECKED
	NOTE BOOK	STRUCTURE NOTATIONS CHKD



MARK	QTY.	LENGTH	TYPE	a	b	c	LOCATION	TYPE-BENDING DIAGRAM
500	4	15'-2"	A	7'-2"	10"	7'-2"	Vertical	
501		9'-0"		6'-11"	10"	1'-3"		
502		13'-5"		6'-5"	7"	6'-5"		
503	4	12'-5"	A	5'-11"	7"	5'-11"		
504	8	5'-4"	-	-	-	-		
505	4	6'-10"	B	4'-3"	2'-4"	3"	Vertical	
506	64	4'-3"	-	-	-	-	Horizontal	
600	28	2'-6"	C	7 1/8"	1'-3"	1'-3"	Dowel	

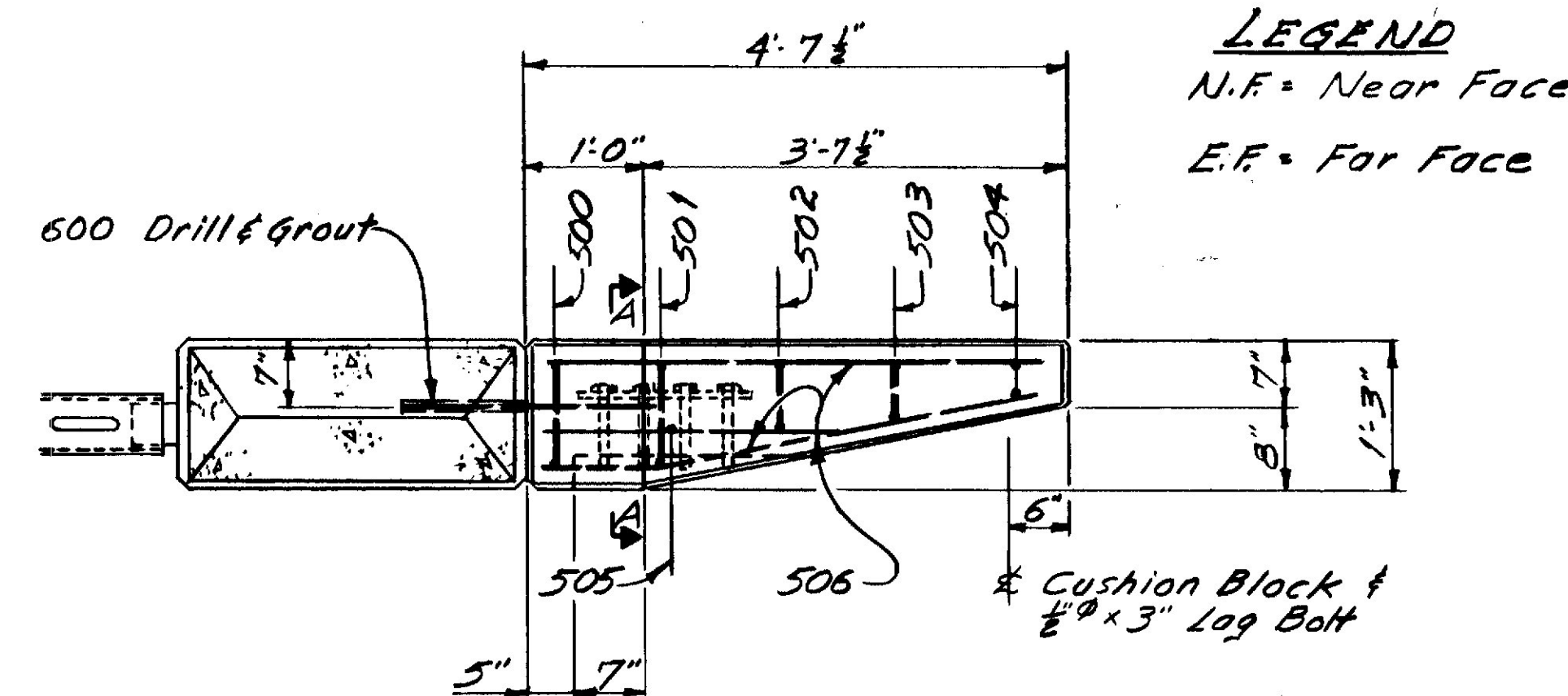
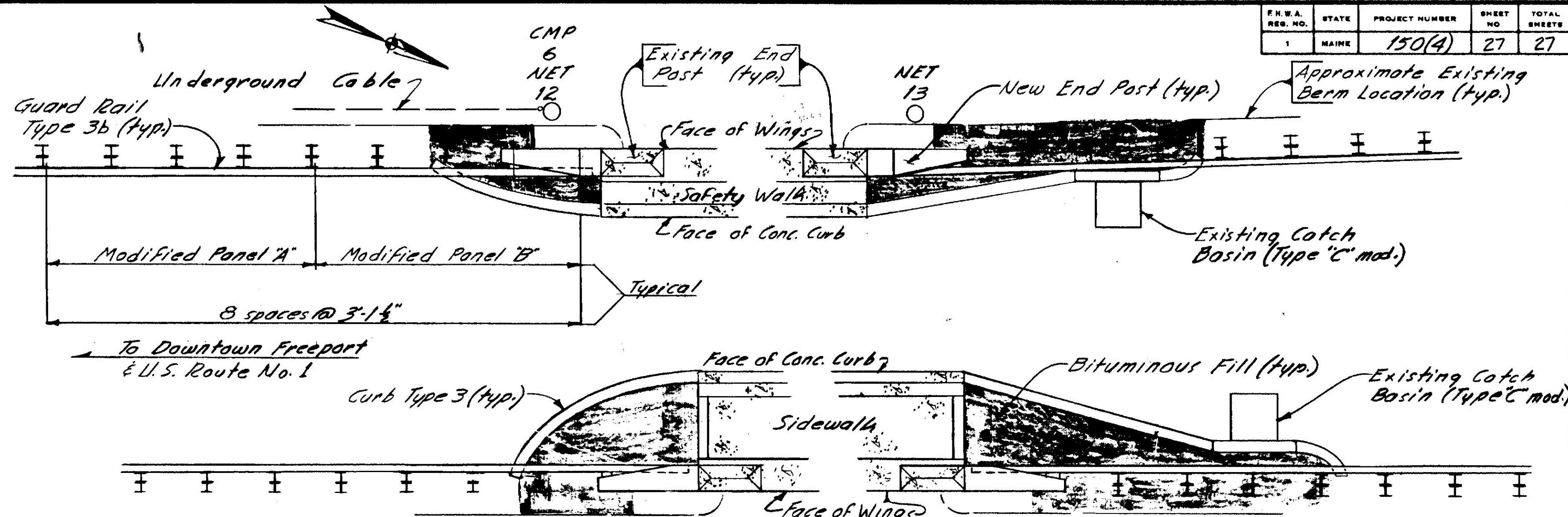
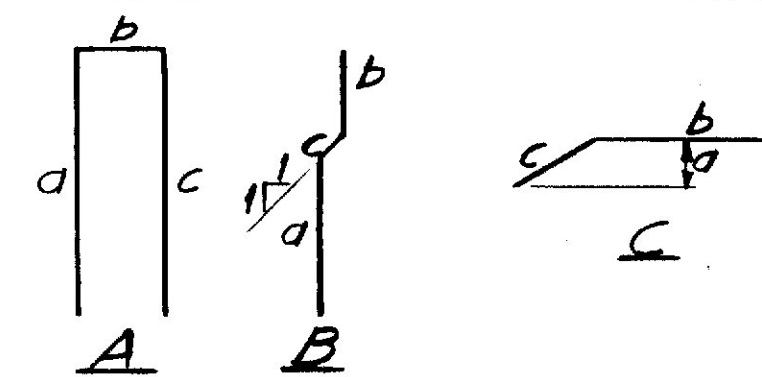
NOTE:

1. All dimensions are out to out of bar.
2. 500 thru 506 : No. 5 bars
600 : No. 6 bar

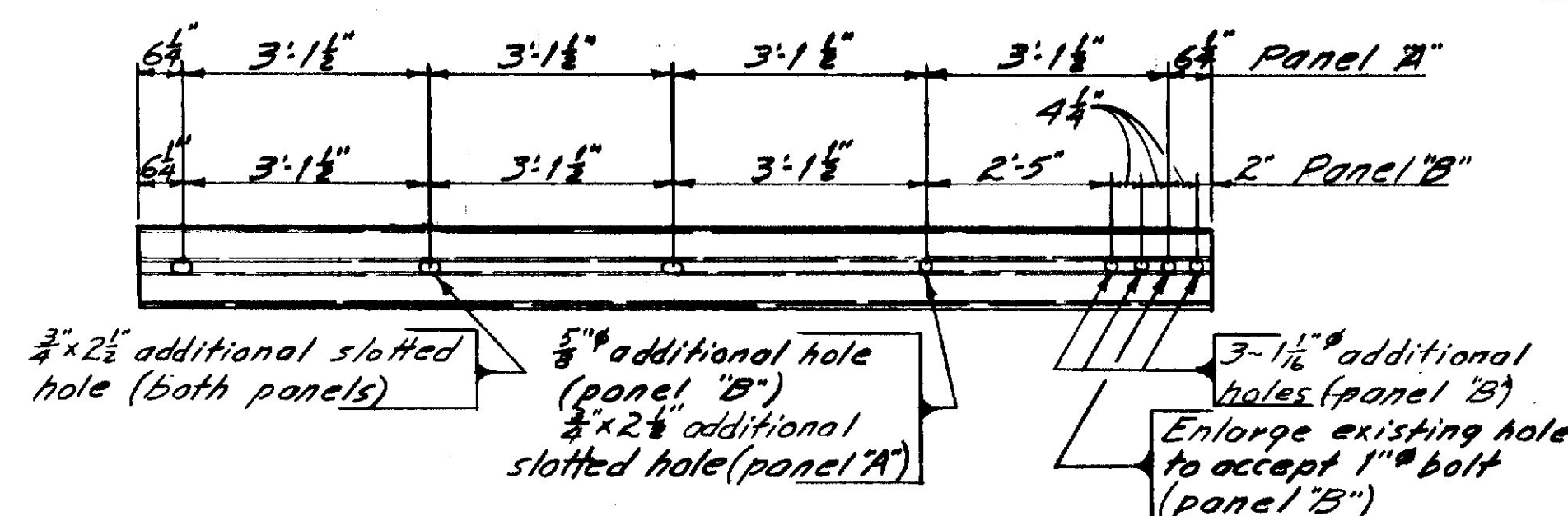
MARK	QTY.	LENGTH	TYPE	a	b	c	LOCATION	TYPE-BENDING DIAGRAM
500	4	15'-2"	A	7'-2"	10"	7'-2"	Vertical	
501		9'-0"		6'-11"	10"	1'-3"		
502		13'-5"		6'-5"	7"	6'-5"		
503	4	12'-5"	A	5'-11"	7"	5'-11"		
504	8	5'-4"	-	-	-	-		
505	4	6'-10"	B	4'-3"	2'-4"	3"	Vertical	
506	64	4'-3"	-	-	-	-	Horizontal	
600	28	2'-6"	C	7 1/8"	1'-3"	1'-3"	Dowel	<p>NOTE:</p> <p>1. All dimensions are out to out of bar.</p> <p>2. 500 thru 506 : No. 5 bars 600 : No. 6 bar</p>

NOTE:

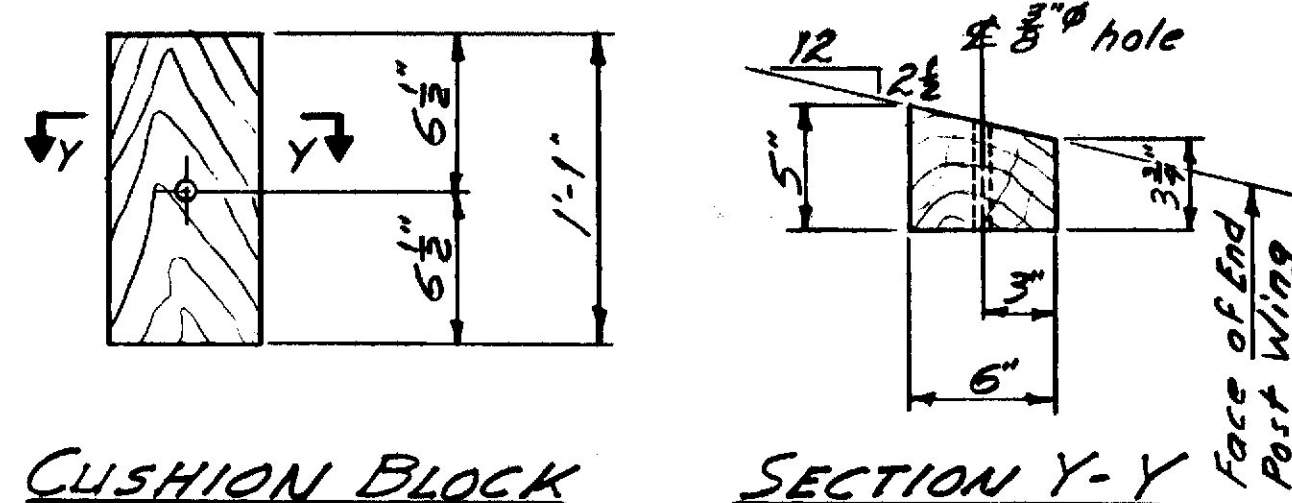
1. All dimensions are out to out of bar.
2. 500 thru 506 : No. 5 bars
600 : No. 6 bar



PLAN

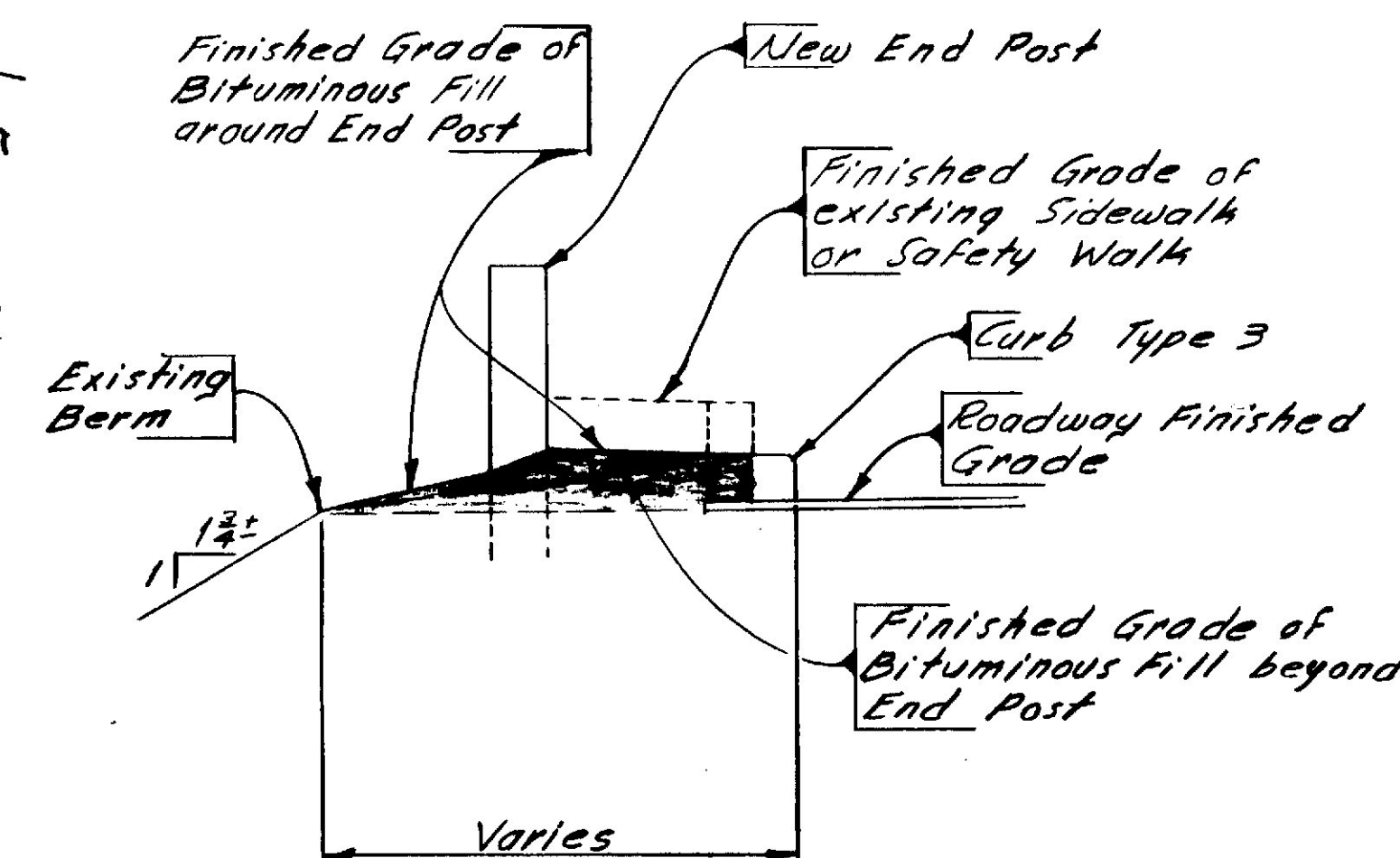


MODIFIED GUARD RAIL PANELS

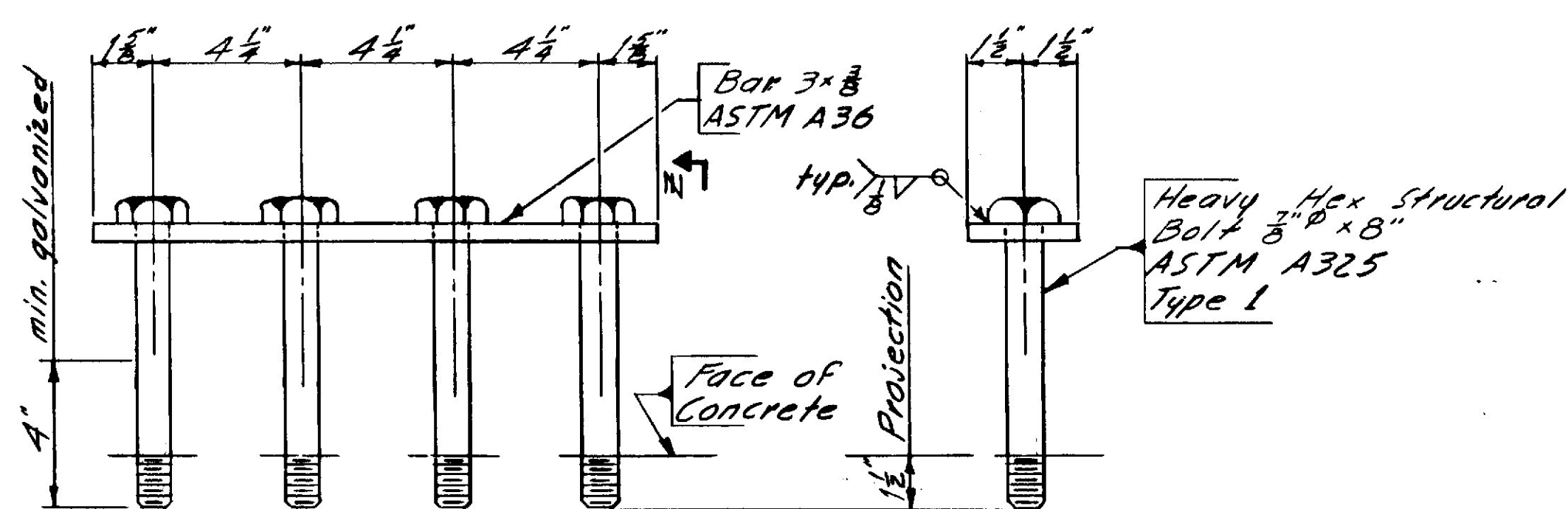


CUSHION BLOCK

SECTION Y-Y



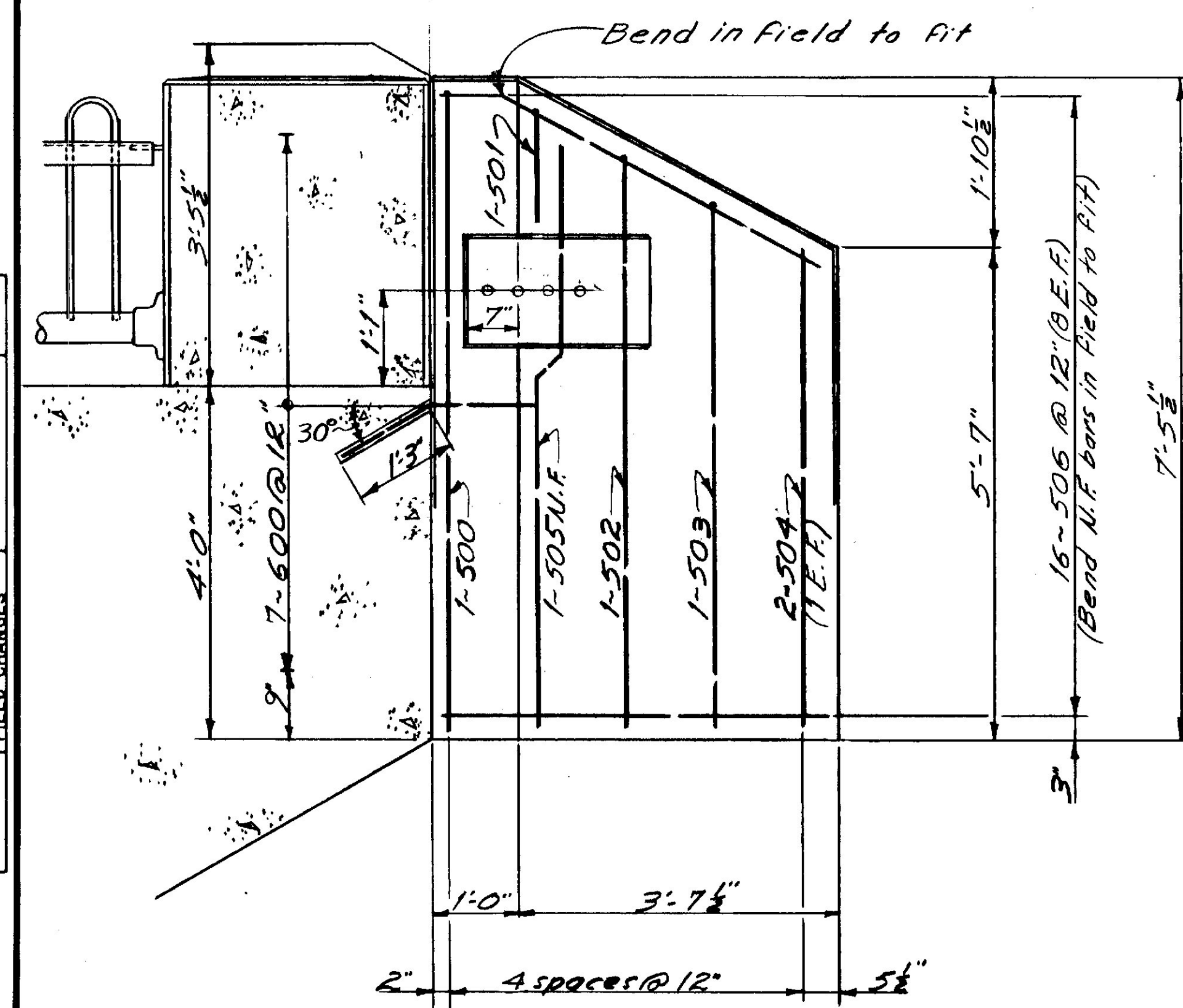
BITUMINOUS FILL
SECTION



GUARD RAIL ANCHORAGE

VIEW E-E

1. _____ End Posts shall be constructed normal to grade
2. _____ Reinforcing steel shall have 2 inches minimum cover unless otherwise indicated.
3. _____ Nuts for $\frac{3}{4}$ " anchor bolts to be incidental to the guard rail pay item. Nuts shall conform to A.S.T.M. A563, grade DH, galv. in accordance with A.S.T.M. A153.
4. _____ Additional holes in the modified guard rail panels may be made by drilling, punching, or any other method that produces a neat, clean hole of the required size. Burning of holes will not be allowed.
5. _____ Cushion Block material shall be as specified for wood posts in Subsection 710.07 (a). Payment for Cushion Blocks and Lag Bolts will be incidental to the Guard Rail Pay Items.
6. _____ After installation of the Guard Rail is complete, upset the thread on the anchor bolts in three places around each bolt, at the junction of the nut and the exposed thread, with a center punch or similar tool.
7. _____ Mortar for grouting the dowels into the existing concrete shall contain an approved non-shrink additive.
8. _____ Bituminous Fill to be incidental to pavement pay items.
9. _____ All utility facilities shall be adjusted by the respective utilities unless noted.
10. _____ Curb Type 3 will be paid for under Item 609.31.



ELEVATION

PLANS	DESIGN - DETAILED	BY <i>PLW</i>	DATE
	CHECKED	<i>PLA</i>	<i>3-82</i>
	REVISIONS	<i>VEB</i>	<i>3-82</i>
	FIELD CHANGES		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

*APPROACH ROAD
INTERCHANGE OVERPASS
OVER
INTERSTATE - 95
IN THE TOWN OF
FREEPORT
BRIDGE CONNECTION DETAILS
~ END POST ~*

SHEET 1 OF 1 AUGUSTA, MAINE March 1982