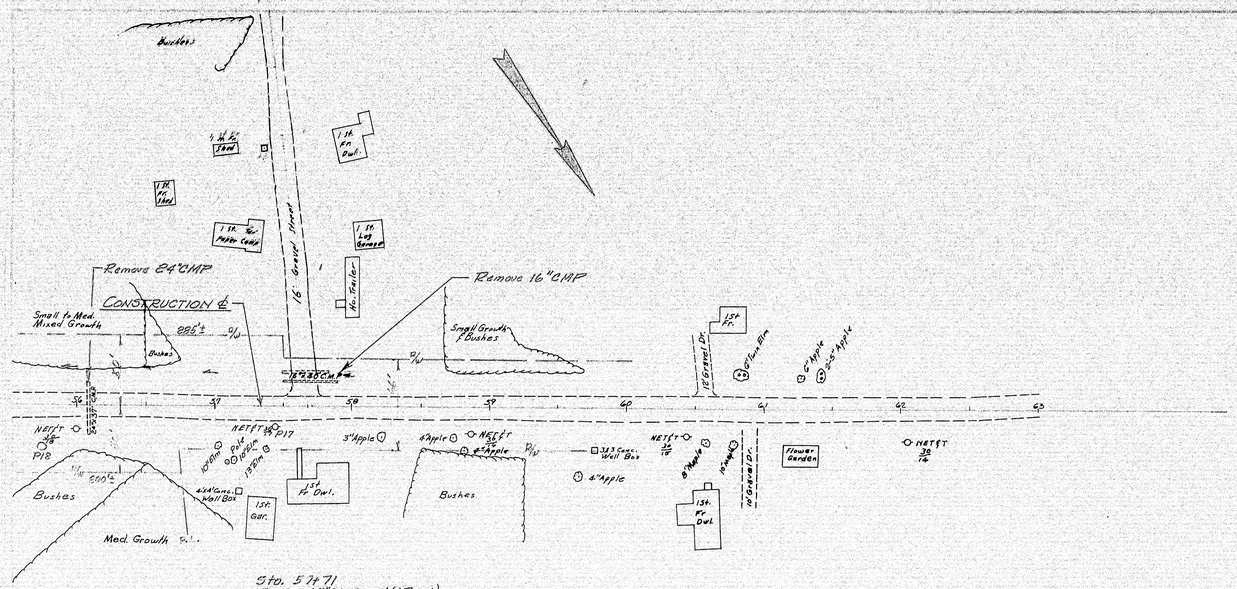
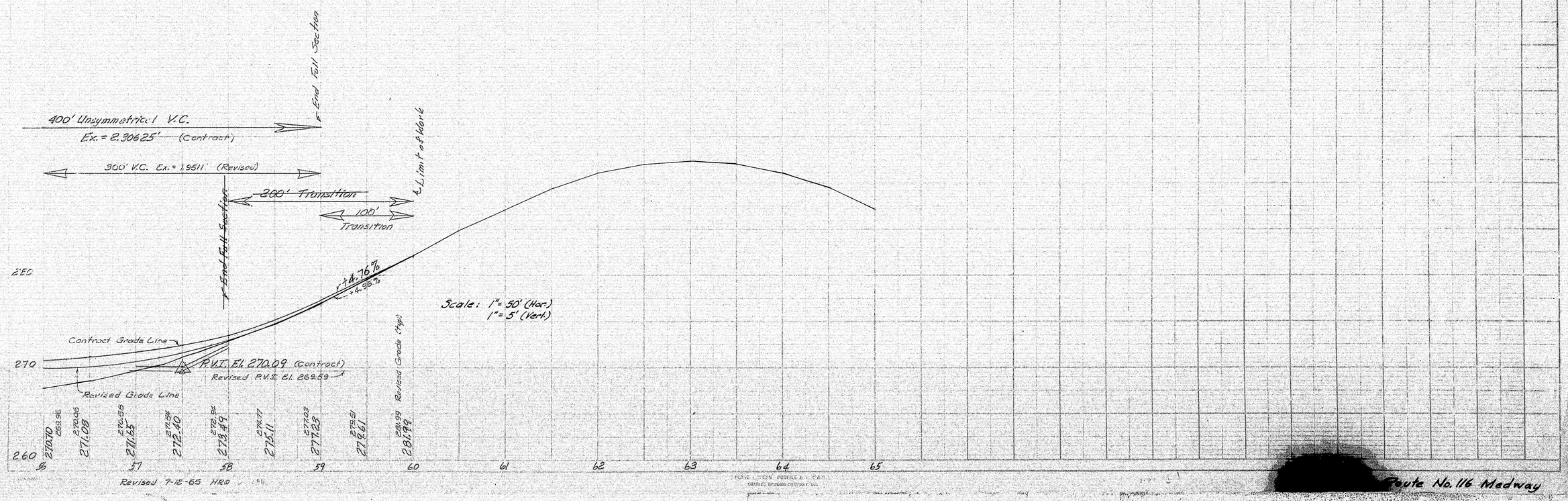
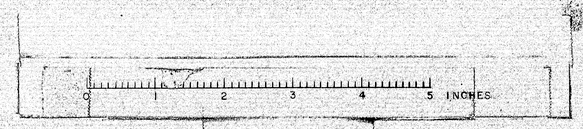
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8(82)	36	93







B.I.N. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	MAINE	--BG-0102--	37	93

Route No. 116 Medway

SCALE
Horiz. 1" = 5'
Vert. 1" = 5'

Sta 50+50 - 52+50

E

Tw

Fn

27L.05

3:1

3:1

267

50+50

255

Tw

Tw

Fn

Tw

Tw

Fn

Tw

Tw

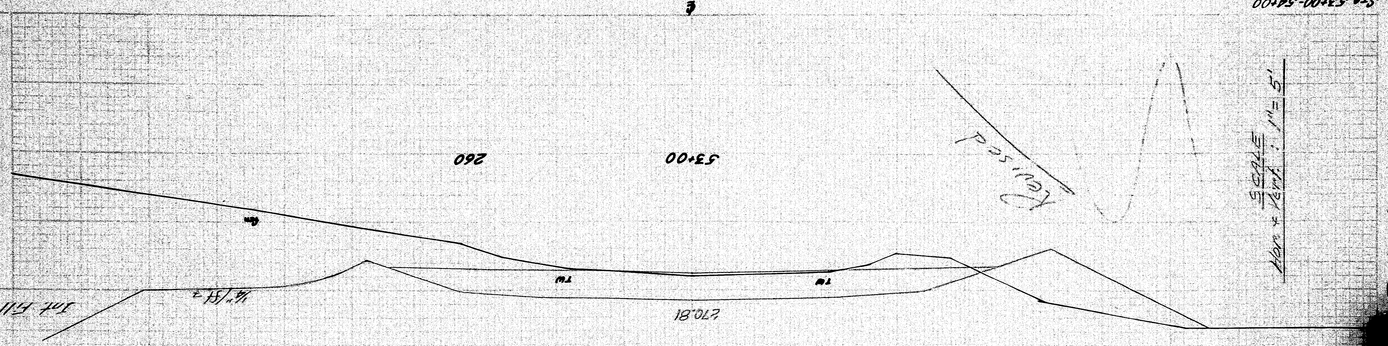
Fn

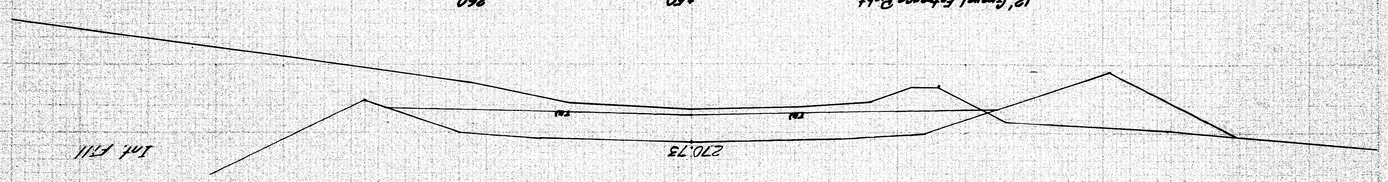
B. P. R. ROUTE NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8(62)	38	93

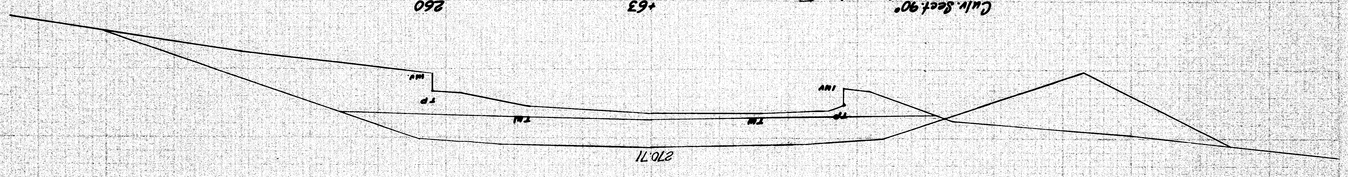
Route No. 116 Medway

SCALE
Plan & Prof. 1" = 5'
Cross Sect. 1" = 5'

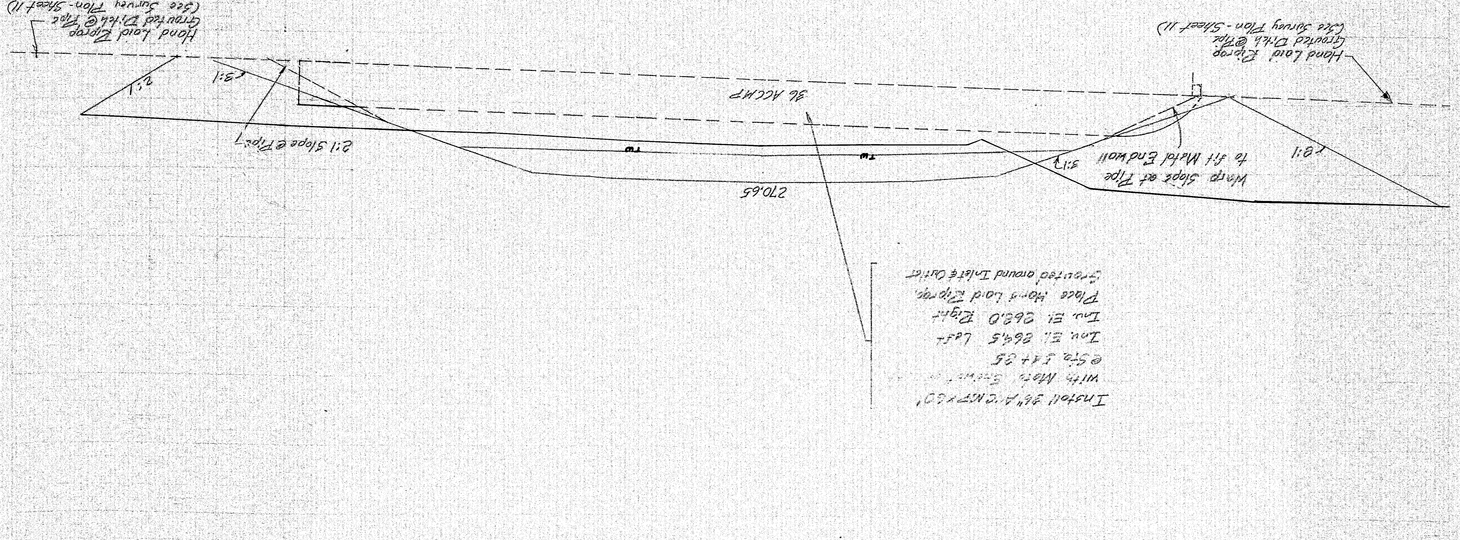
STA. 538+00-548+00

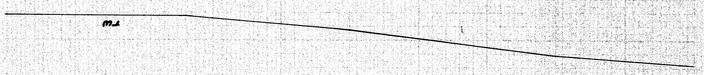




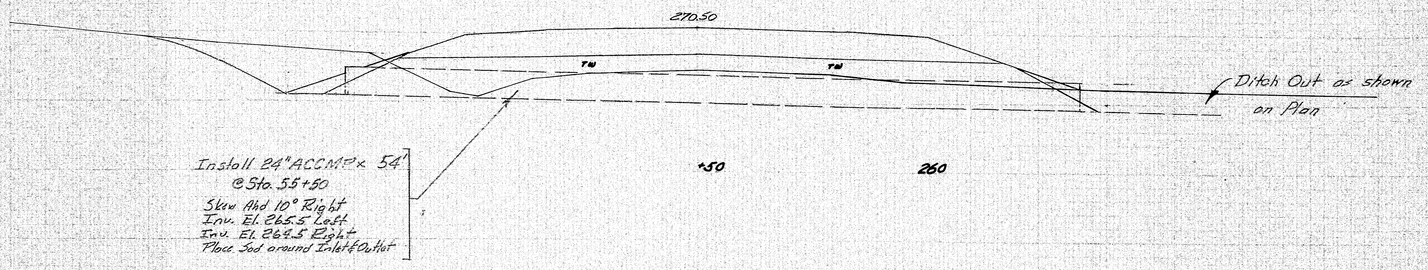


Install 36"x 67"x 50' with Mitre Ends @ Sta. 544+35
Inv. El. 266.5 Left
Inv. El. 266.0 Right
Place Mitre Laid Riprap Grouted Inlet & Outlet





12' Gravel Drive Left Stacked Mound 568 260



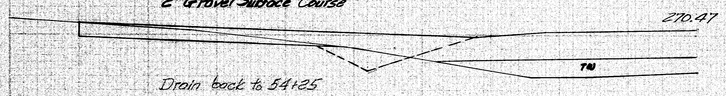
Install 24" ACCMP x 54'
@ Sta. 55+50
Skew Ahd 10° Right
Inv. El. 265.5 Left
Inv. El. 264.5 Right
Place Sod around Inlet & Outlet

+50 260

Wall Rt. +30 255

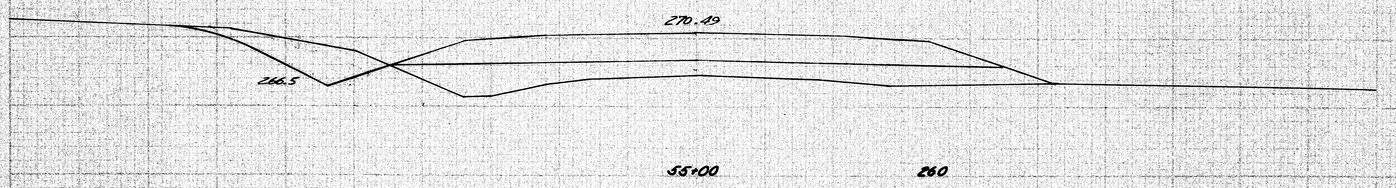
Drain Ahead to 55+50

Construct 12' Gravel Drive
12" Gravel Base Course
2" Gravel Surface Course

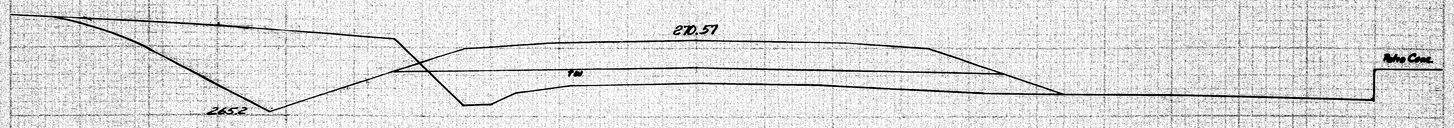


Drain back to 54+25

12' Gravel Trailer Entrance Left +16 260
Remove existing 16"x24' CMP

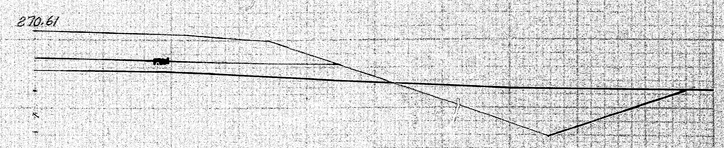


55+00 260



+50 255

Revised



15's Drive Right 54+25 260

SCALE
HOR. 1" = 5'
VERT. 1" = 5'

Route 16, 116 Widening

Sta. 54+25 - 55+50

P. E. No.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	NHHS	I-95-8(62)	39	93

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8 (62)	40	93

DATE

BY

DESIGN

DRAWN

CHECKED

QUANTITIES

Sta. 56+00

271.65 TW

Sta. 57+00

271.34 TW

+75

271.08 TW

+50

270.75 TW

+08

Culv. Sect. 90° 24"x37" CMP (new) - Remove

270.70 TW

+00

Rev. 1-64

Sta. 56+00 - 57+00

SCALE

Hor. & Vert. 1" = 5'

Route No. 116 Medway

PLATE 3 - CROSS SECTION

MADE AND PUBLISHED BY THE LINCOLN BRONZE COMPANY, INC.

0 1 2 3 4 5 INCHES

Pond No. 116 Midway

Plan & Profile
SCALE 1" = 5'

Gauge Chimney R. Gen. SR 675 R. elev. 269.35

3.3 Conc. Wall Right	+68		260
	+50		260
	38+00		260
	+30		260
	+71		265

272.40 TW

272.08 TW

Construct 18" Gravel Drive
18" Gravel Base Course
2" Gravel Surface Course

273.49 TW SW

271

Construct Gravel Drive 16' wide with 3 Shoulders
18" Gravel Base Course
2" Gravel Surface Course

272.80 TW

Install 15" CMP x 36'

℄ 15' Gravel Road Skewed Back Left

Remove existing 16" CMP

272.73 TW

Conc. Wall

Wall Right 57+18

Top of Dam 63' R. elev. 278.2

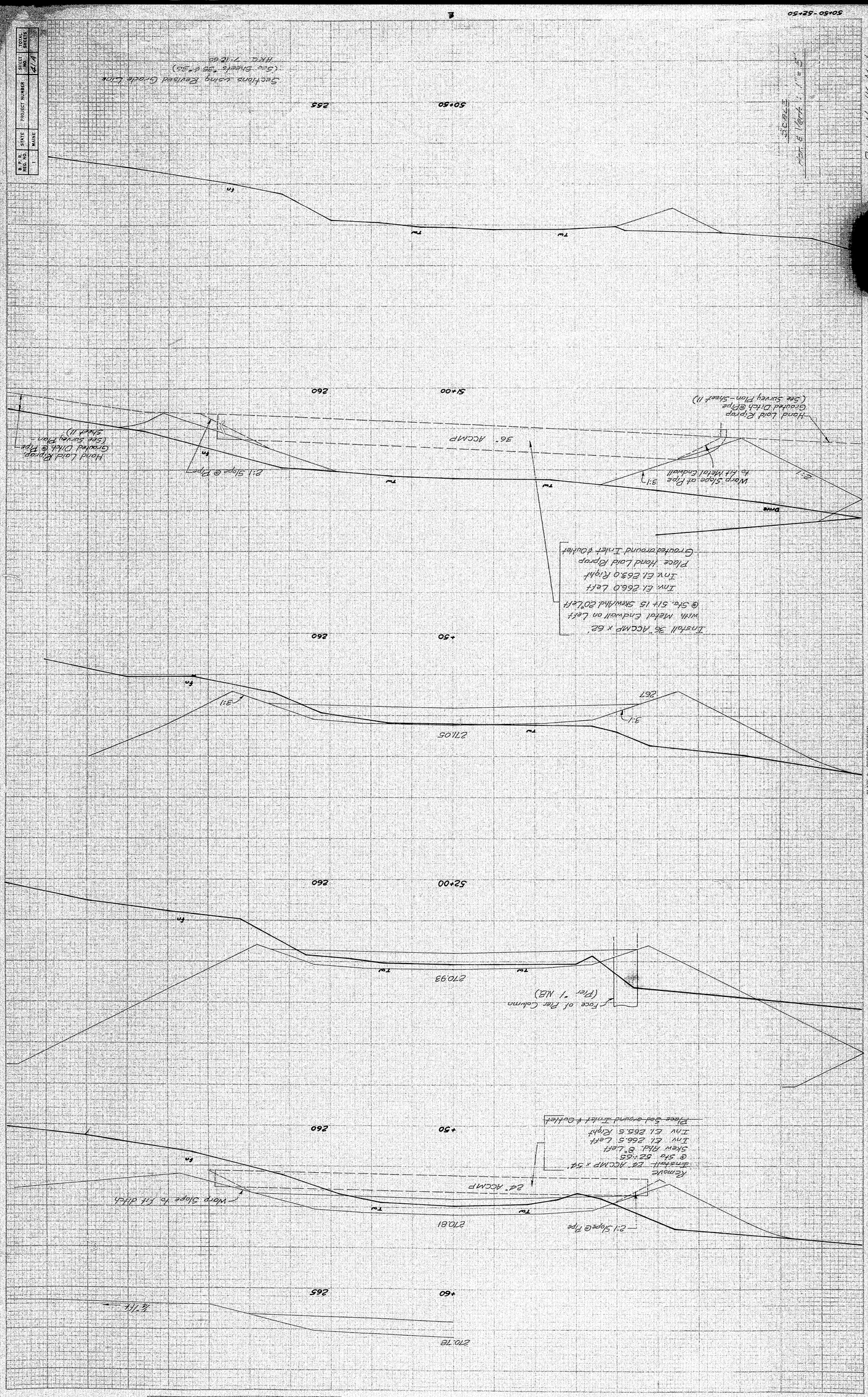
Water level 65' R. elev. 269.4

Bottom dam 65' R. elev. 266.7

U.S.R. & B. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8(62)	21	93

PLATE 9 — CROSS SECTIONS

S-A 57+18 - 68+00


Route No. 116 Medway
Hor. & Vert. 1" = 5'
50+50 - 52+50
Section using Revised Circle Line
(See Sheet #35 & #36)
HRC 7-12-68
Install 36" ACCMP x 62'
with Metal Endwall on Left
@ Sta. 51+ 15 Skew/Ahd 20°Left
Inv. El. 266.0 Left
Inv. El. 263.0 Right
Place Hand Laid Riprap
Grouted around Inlet & Outlet
Warp Slope at Pipe
to fit Metal Endwall
3:1
2:1
Hand Laid Riprap
Grouted Ditch @ Pipe
(See Survey Plan - Sheet #)
36" ACCMP
2:1 Slope @ Pipe
Hand Laid Riprap
Grouted Ditch @ Pipe
(See Survey Plan - Sheet #)
Remove
Install 24" ACCMP x 54'
@ Sta 52+65
Skew Ahd 8° Left
Inv El. 266.5 Left
Inv El. 265.5 Right
Place Sod around Inlet & Outlet
Face of Pier Column
(Pier # 1 NB)
2:1 Slope @ Pipe
Warp Slope to fit ditch
2 1/4%
270.78
270.81
270.93
27105
50+50
51+00
52+00
255
260
265
3:1
267
Tw
Tw
Tw
Tw
fs
fs
fs
fs
PLATE 2 - CROSS SECTION
INCHES
0
1
2
3
4
5
ORIGINAL SURVEY
Computed
Checked
Traced
Prepared
Issued
No.
Date
By
FINAL SURVEY
Computed
Checked
Traced
Prepared
Issued
No.
Date
By
R.P.P. No. / Reg. No. 1
State MAINE
Project Number
Sheet No. 47
Total Sheets

Route No. 116 Madrid

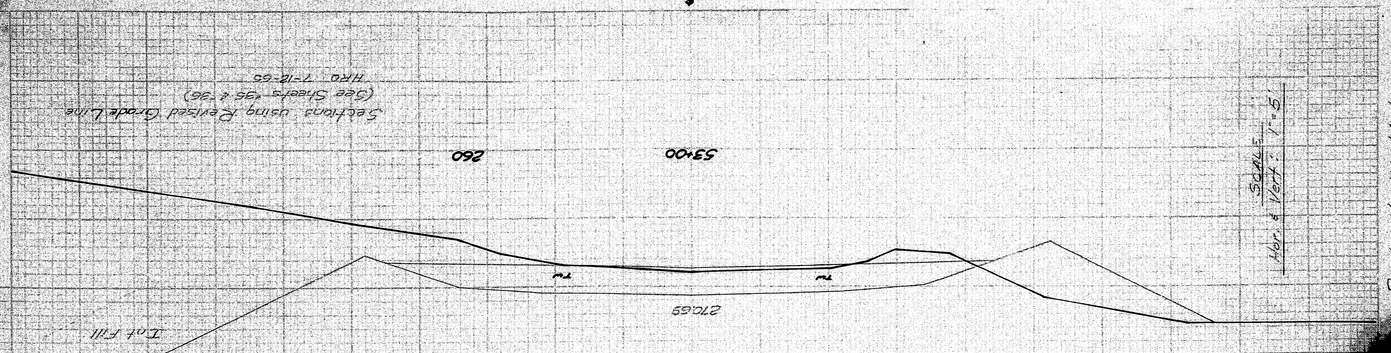
Sta. 53+00-64+00

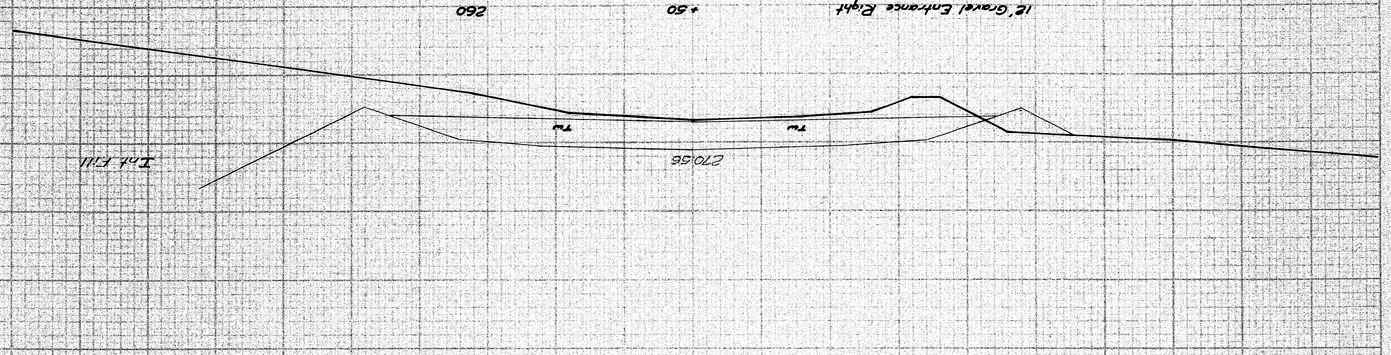
Hor. & Vert. Scale: 1"=5'

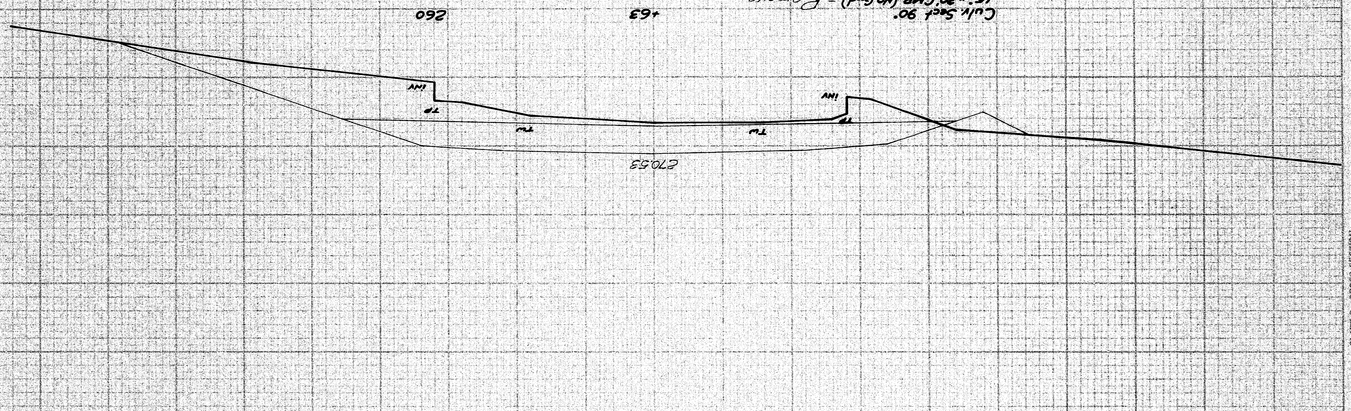
Sections using Revised Grade Line
(See Sheets 35 & 36)
HRD 7-12-60

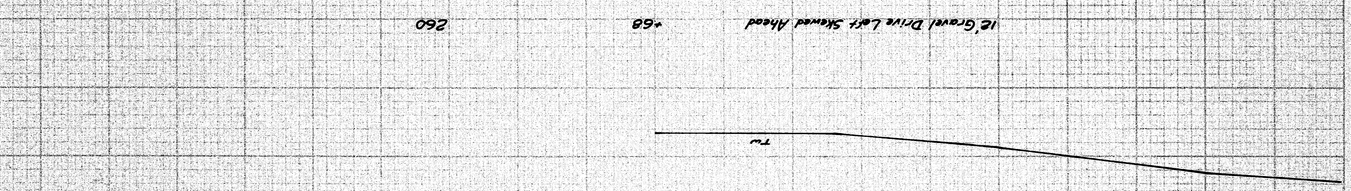
R.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		4/8	

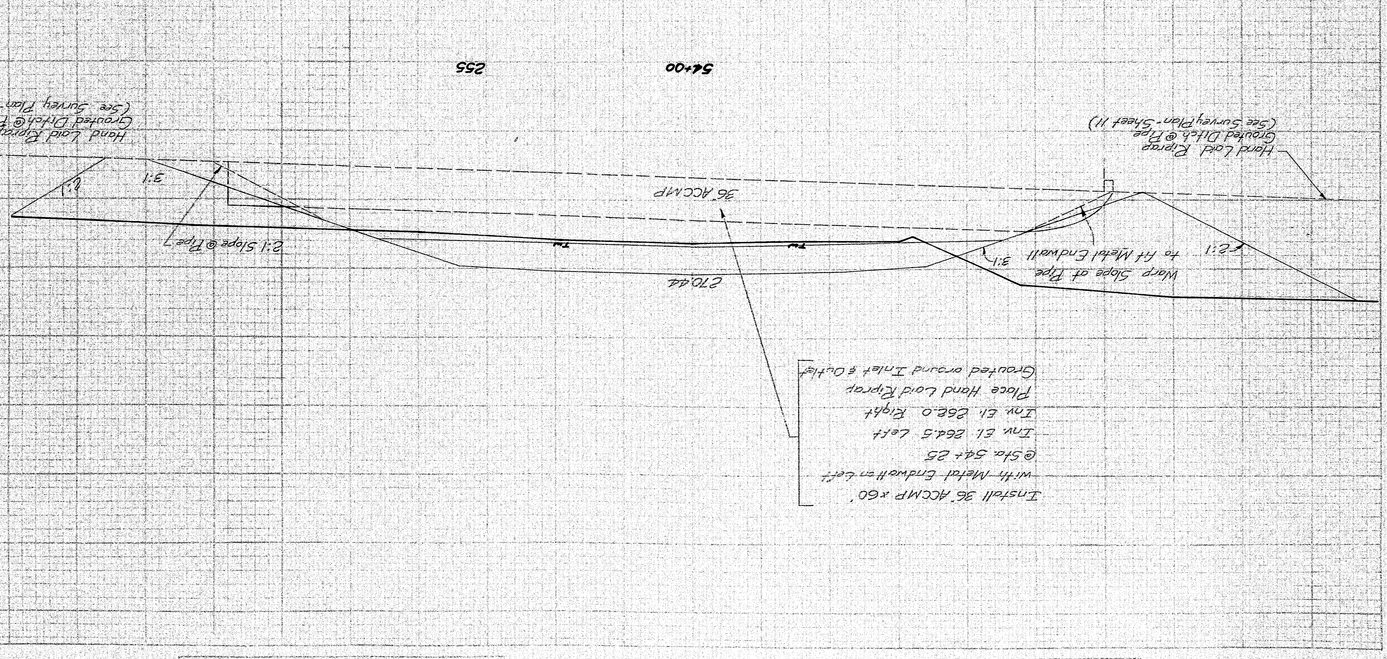
PLATE 3 - CROSS SECTIONS











ORIGINAL SURVEY	BY	DATE
NOTE BOOK	DRAWN	
	TRACED	
	CHECKED	
NO.	AREAS CHECKED	

FINAL SURVEY	BY	DATE
NOTE BOOK	DRAWN	
	CHECKED	
	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

270.08

TW TW

Ditch Out as shown on Plan

Install 24" ACCMP x 54'
@ Sta. ~~55+50~~ 55+99
Skew Hd 10° Right
Inv. El. 265.5 Left
Inv. El. 264.5 Right
Place Sod around Inlet & Outlet

+50 260

TW

Wall Rt. +30 255

Drain Ahead to 55+50

Construct 12' Gravel Drive
12" Gravel Base Course
2" Gravel Surface Course

270.16

TW

Drain back to 54+25

12' Gravel Trailer Entrance Left +16 260

Remove existing 16' x 24' CMP

270.20

266.5

55+00 260

270.32

TW

Patio Curb

265.2

+50 255

270.38

TW

16' ± Drive Right 54+25 260

Sections using Revised Grade Line
(See Sheets #35 & #36)
HRG 7-12-65

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		4C	

Scale 1/16 Inch Equals 1 Ft.

Route No. 1 Machias

Sta. 54+25 - 55+50

E

PLATE 3—CROSS SECTION, B. P. R. S. C.
SURFACE TREATMENT CONTRACT, ETC.

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		41 D	

Sections using Revised Grade Line
(See sheets 35 & 36)
1"=5' 0'-35'

Cut Sect 90° 24'-37' CMP (pipe) - Remove 108

270.58 270.27 270.06 269.95 269.95 268.5

57+00 +75 +50 +25 56+00

260 260 255 255 255

Scale
Hor. & Vert. 1"=5'

Route No. 116 Medway

FINAL SURVEY — NOTES — COMPUTED — PLOTTED — CHECKED — BY — DATE

ORIGINAL SURVEY — NOTES — COMPUTED — PLOTTED — CHECKED — BY — DATE

PLATE 3—CROSS SECTION OF P. R. R. R. C.
MADE AND MOUNTED IN U.S.A.
CHARLES BRUNNE CORPORATION, INC.

BROWNS NO. 42 M.J.

0 1 2 3 4 5 INCHES

Sta. 57+18 - 58+00

Route No. 16 Medway

SCALE: 1" = 5'

Well Rqmt. 57+18 elev. 271.2

Tr. Conc. Box 63' Rt elev. 271.2 | Water Level 65' Rt elev. 258.4 | Oakes Well 65' Rt elev. 264.7

Set Hubs using Revised Grade Line
(See sheets -35 - -56)
MEA C.I.C.-65

Garage Entrance Rt Sta. 5/11 676 Rt elev. 269.86

260	+30	

Tw 271.11

Constructed Gravel Drive
12' Gravel Base Course
6" Gravel Surface Course

260	+50	

Tw 271.54

260	+68	3:3 Conc. Walk Rqmt

Tw 272.00

Conc. Walk — Sta. 5/11

PLATE 3 - CROSS SECTION

ORIGINAL SURVEY — SURVEYED, LOCATED, MONUMENTED, PLOTTED, LAID OUT — BY — DATE

FINAL SURVEY — SURVEYED, LOCATED, MONUMENTED, AREAS CHECKED — BY — DATE

NOTE BOOK

260	+71	265

6" Gravel Road Shaved Both Left

Remove existing 16" CMP

Tw 272.08

Install 15" x 86" CMP

Constructed Gravel Drive 16' wide with 3' Shoulders
12" Gravel Base Course
6" Gravel Surface Course

260	50+00	

Tw 272.94 Tw 270

B. P. W. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9 (29)	42	93

Excavate pavement, place 2" loam, seed with Seeding Method No. 2, and place Hay Mulch on those areas of Existing Old Route 157 not otherwise obliterated by new construction.

Install 18" ACCMP x 90' (4 Bends)
Sta. 22+37
Inv. El. 245.0 Left
Inv. El. 244.5 Right
Skew 16° ahead Left

Install 36" A.C.C.M.P. x 90' (4 Bends)
Sta. 23+20
Inv. El. 242.0 Lt.
Inv. El. 241.5 Rt.
Skew 18° Back Left

Install 24" ACCMP x 68' (3 Bends)
Sta. 26+67
Inv. El. 244.5 Left
Inv. El. 243.5 Right
Skew 11° Ahead Left

Install 18" ACCMP x 52' (2 Bends)
Sta. 32+0
Inv. El. 241.0 Left
Inv. El. 240.0 Right

Note: See Cross Sections for riprap ~~and sod~~ at ends of culverts.

For the purpose of detouring traffic from River Road to Existing Old Route 157 during the period when traffic is maintained along Existing Old Route 157 the Contractor shall provide a traffic lane having a width of sixteen (16) feet between River Road and Existing Old Route 157 along Church Road extended. The lane shall be constructed of 12" Gravel Base Course and 2" Bituminous Treated Gravel Surface Course.

PI: 20+00
Δ: 23°-16'-15"
D: 12°-00'
T: 98.32'
L: 193.89'
E: 10.02'

PI: 20+56.80
Δ: 44°-30'-30"
D: 12°-00'
T: 241.05'
L: 430.06'

PI: 26+01.97
Δ: 64°-30'-30"
D: 12°-00'
T: 241.05'
L: 430.06'

PI: 223+47.55
Δ: 18°-16'-30"
D: 15°-00'
T: 61.44'
L: 121.83' Arc

PI: 27+90.24
Δ: 44°-30'-30"
D: 12°-00'
T: 241.05'
L: 430.06'

PI: 32+64.96
Δ: 9°-07'-30"
D: 3°-00'
T: 152.41'
L: 304.17'

Scale: 1" = 50'

For list of R/W Monuments and Survey Markers see Sheet 13.

POLE WORK BY UTILITIES

Place temporary T1 & T2 and permanent P1 thru P18

Remove existing E1 thru E9

NOTE
Work this sheet with Layout sheet # 43 and sheet # 13.

280	270	260	250	240

100' Transition

650' V.C. Ext. = 4.6475
HSD = 490

300' V.C. Ext. = 0.4650
SSD = 714

Elev. Centerline Apex

Fin. Gr. Sta. 33+38.85 El. 245.05

Fin. Gr. Sta. 31+76.8 El. 251.14

-5.00%

+0.78%

-0.52%

V.P.I. El. 249.25

V.P.I. El. 252.67

End Construction

Scales: 1" = 50' (Hor.)
1" = 5' (Vert.)

17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00
276.2	275.6	274.5	272.00	270.50	268.00	266.50	263.11	260.94	258.91	257.26	255.72	254.46	253.39	252.54	251.81	251.50	251.31	251.34	251.59	251.90	252.10	252.21	252.20	252.20	251.89	251.63	251.37	251.10

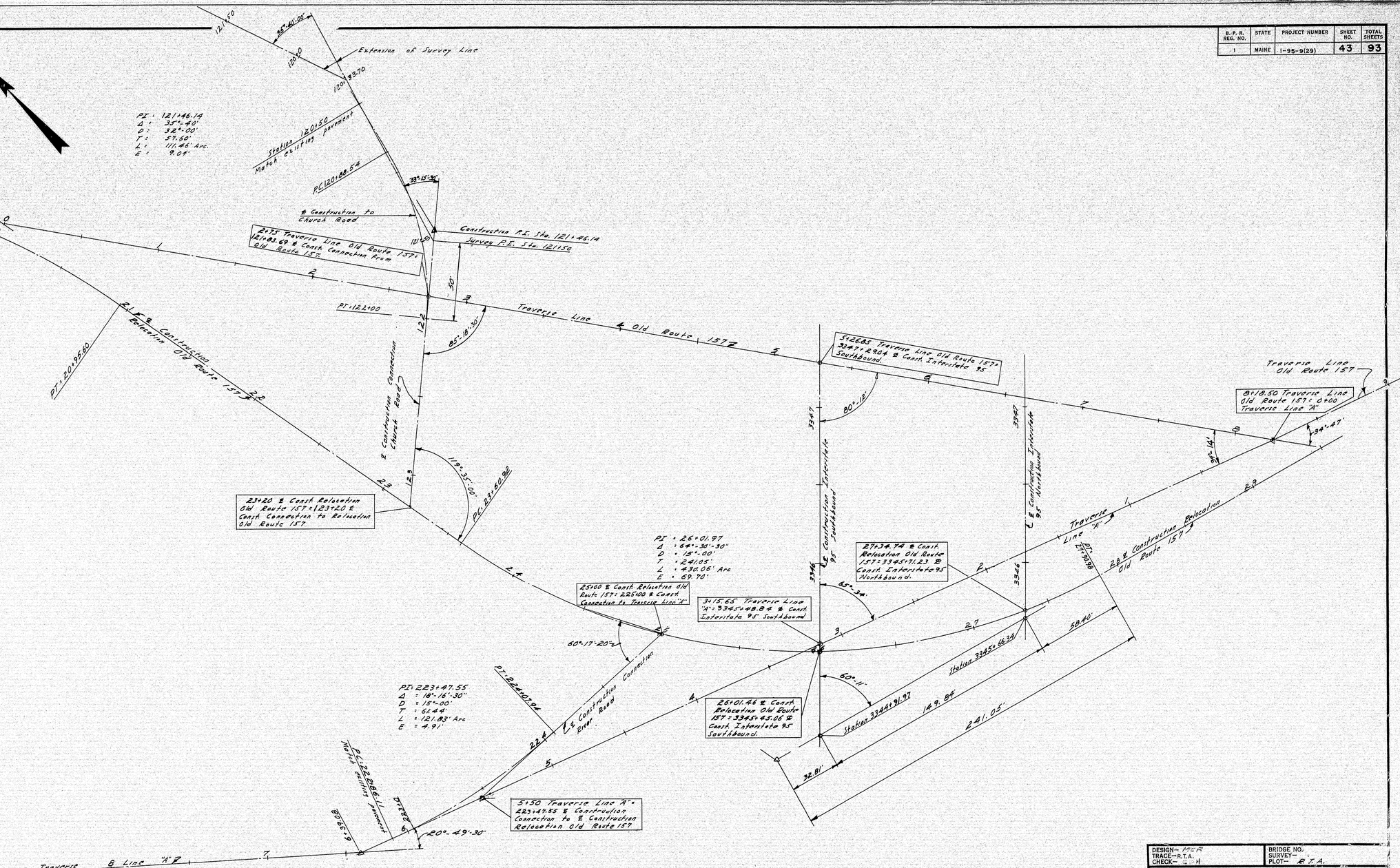
PLATE 1 - PLAN - PROFILE

SURVEY - RELOCATION OLD ROUTE 157 - MEDWAY

BRIDGE NO. 4651

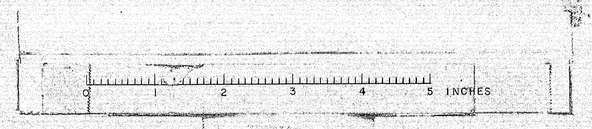
0 1 2 3 4 5 INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	43	93



LAYOUT PLAN

Scale: 1" = 30'



DESIGN–	BRIDGE NO.
TRACE– R.T.A.	SURVEY–
CHECK–	PLOT– R.T.A.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER & ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

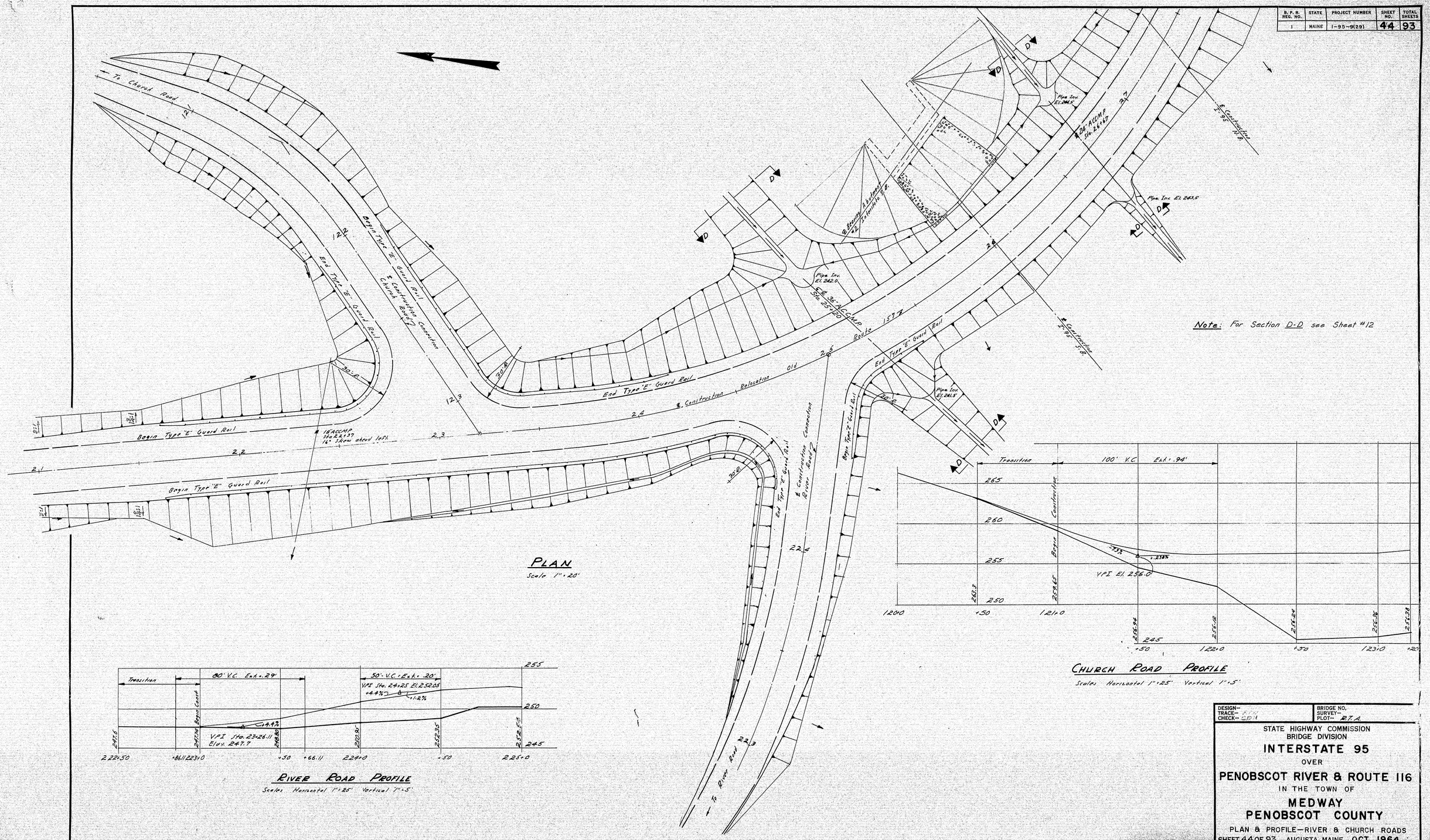
LAYOUT – OLD ROUTE 157 RELOCATION

SHEET 43 OF 93 AUGUSTA, MAINE OCTOBER 1964

C. H. CO., NO. 3725 25767

99-43

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	44	93


To Chered Road
Begin Type "E" Guard Rail
End Type "E" Guard Rail
℄ Construction
Relocation Old
Route 157
℄ Construction River Road
To River Road
18"ACCMP Sta 22+37 16" Skew ahead 10ft.
24"ACCMP Sta. 26+67
Pipe Inv. El. 244.5
Pipe Inv. El. 243.5
Pipe Inv. El. 242.0
Pipe Inv. El. 241.5
Sta 25+20
4 storage Arches Footings 5'-8"
Begin Type "E" Guard Rail
End Type "E" Guard Rail
30:1
2:1
12
24
22
20
18
16
14
12:1
+30
+40
+50
+60
+70
+80
+90
+00
+10
+20

R. P. No.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	-95-9(28)	45	93

X-Sections Relocation Old Route 1 STA. 180+0 to 210+0

SCALE
Hor. & Vert.: 1" = 5'