

MAINE STATE HIGHWAY COMMISSION

B. R. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-B95-3(4)50	1	166

INDEX OF SHEETS

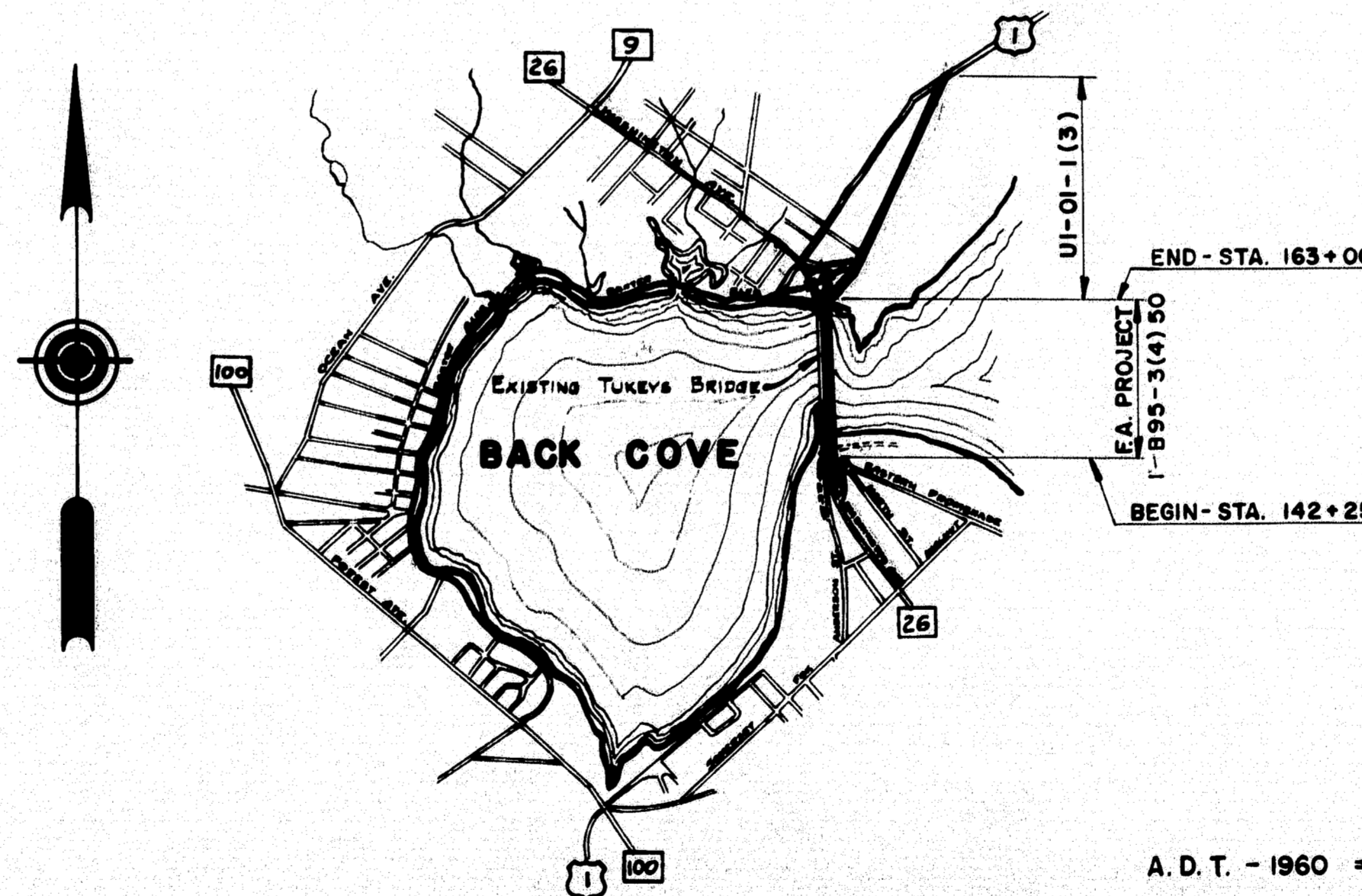
1. TITLE SHEET
2. STANDARD DETAILS, CATCH BASINS, MANHOLES, ETC.
3. STANDARD DETAILS, GUARD RAIL AND FITTINGS, ETC.
4. STANDARD DETAILS, MISCELLANEOUS ITEMS
5. SOILS PROFILES, OVERPASS NO. 1
6. SOILS PROFILES, OVERPASS NO. 2-SOUTH APPROACH
7. SOILS PROFILES, TUKEYS BRIDGE - SOUTHBOUND LANE
8. SOILS PROFILES, TUKEYS BRIDGE - NORTHBOUND LANE
9. SOILS PROFILES, NORTH APPROACH AND PEDESTRIAN OVERPASS
10. SOILS PROFILES, TRANSVERSE SECTIONS STA. 152 + 0, 157 + 0, 160 + 0
- 11 thru 18 BORINGS
19. GENERAL PLAN AND ELEVATION, SCALE 1" = 100'
- 20 thru 26 SURVEY, SCALE 1" = 30'
- 27 thru 32 ALIGNMENT
- 33 thru 38 GRADING PLAN
39. TYPICAL SECTIONS, EASTERN PROMENADE, PLAN OF CIRCLE
40. TYPICAL SECTIONS, WASHINGTON AVENUE-NORTHBOUND
41. TYPICAL SECTIONS, EAST COMMERCIAL ST., MARGINAL WAY, INTERSTATE NORTHBOUND
42. TYPICAL SECTIONS, MARGINAL WAY AND INTERSTATE SOUTHBOUND
43. TYPICAL SECTIONS, TUKEY ST. AND WASHINGTON AVE. SOUTHBOUND
44. TYPICAL SECTIONS, INTERSTATE AND BAXTER BOULEVARD SOUTHBOUND
- 45, 46. PROFILES, SOUTH APPROACH - NORTHBOUND
- 47, 48. PROFILES, NORTH APPROACH - NORTHBOUND
- 49, 50. PROFILES, SOUTH APPROACH - SOUTHBOUND
- 51, 52. PROFILES, NORTH APPROACH - SOUTHBOUND
53. PROFILES, SOUTH APPROACH, EASTERN PROMENADE AND EAST COMMERCIAL ST.
54. DRAINAGE PROFILES, A LINE WASHINGTON AVE. - NORTHBOUND
55. DRAINAGE PROFILES, B, C, AND D LINES, EASTERN PROMENADE
56. DRAINAGE PROFILES, E, F AND G LINES
57. DRAINAGE PROFILES, H, J AND K LINES
58. DRAINAGE PROFILES, L, AND M LINES, INTERSTATE
59. DRAINAGE PROFILES, NORTH STREET SANITARY SEWER EXTENSION
60. LIGHTING DETAILS, GENERAL LAYOUT
61. LIGHTING DETAILS, POLES AND BASES,
62. LIGHTING DETAILS, PEDESTRIAN OVERPASS, NAVIGATION LIGHTS, POLE BASES
63. LIGHTING DETAILS, PEDESTRIAN OVERPASS, PIER 2
64. LIGHTING DETAILS, NAVIGATION LIGHTS AND LADDERS
- 64A - 64B - 64C - 64D - 64E-UTILITIES
65. TUKEYS BRIDGE, GENERAL PLAN AND ELEVATION
66. TUKEYS BRIDGE, ABUTMENT NO. 1
67. TUKEYS BRIDGE, ABUTMENT NO. 2
68. TUKEYS BRIDGE, PIER PLAN AND DETAILS ABUTMENT
69. TUKEYS BRIDGE, PIER DETAILS
- 70, 71. TUKEYS BRIDGE, SLAB DETAILS
72. TUKEYS BRIDGE, RAIL DETAILS
73. INSIDE SIDEWALK RAIL - APPROACHES



TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY FEDERAL AID PROJECT NO. I-B95-3(4)50 LENGTH OF PROJECT 0.393 MILE

INDEX OF SHEETS

74. TUKEYS BRIDGE, APPROACH SLABS AND SIDEWALKS AT ABUTMENTS
- 75 thru 79 TUKEYS BRIDGE, STEEL DETAILS
- 80, 81. TUKEYS BRIDGE, EXPANSION DAMS
82. OVERPASS NO. 1, PLAN, ELEVATION AND LAYOUT
83. OVERPASS NO. 1, ABUT. NO. 1 AND RET. WALLS, FOUNDATION AND PILE PLAN
- 84, 85. OVERPASS NO. 1, ABUTMENT NO. 1
86. OVERPASS NO. 1, ABUTMENT NO. 1 EAST WALL
87. OVERPASS NO. 1, ABUTMENT NO. 1 WEST WALL
88. OVERPASS NO. 1, ABUT. NO. 2 AND RET. WALLS, FOUNDATION AND PILE PLAN
- 89, 90. OVERPASS NO. 1, ABUTMENT NO. 2
91. OVERPASS NO. 1, ABUTMENT NO. 2 EAST WALL
92. OVERPASS NO. 1, ABUTMENT NO. 2 WEST WALL
93. OVERPASS NO. 1, PIER DETAILS
94. OVERPASS NO. 1, SUPERSTRUCTURE SLAB LAYOUT
95. OVERPASS NO. 1, BLOCKING FOR SLAB OVER BEAMS
96. OVERPASS NO. 1, SPAN NO. 1, SUPERSTRUCTURE SLAB
97. OVERPASS NO. 1, SPAN NO. 2, SUPERSTRUCTURE SLAB
98. OVERPASS NO. 1, MISCELLANEOUS DETAILS
99. OVERPASS NO. 1, APPROACH SLABS
100. OVERPASS NO. 1, STEEL DETAILS
101. OVERPASS NO. 1, STEEL DETAILS, SHEAR CONNECTORS
102. OVERPASS NO. 1, EXPANSION DAMS
103. OVERPASS NO. 2, GENERAL PLAN AND ELEVATION
104. OVERPASS NO. 2, ABUTMENT NO. 1
105. OVERPASS NO. 2, ABUTMENT NO. 2
106. OVERPASS NO. 2, PIERS 1 AND 2
- 107, 108. OVERPASS NO. 2, SUPERSTRUCTURE SLAB
- 109, 110. OVERPASS NO. 2, STRUCTURAL STEEL
111. PEDESTRIAN OVERPASS, LAYOUT AND ELEVATION
112. PEDESTRIAN OVERPASS, PIER NO. 1
113. PEDESTRIAN OVERPASS, PIER NO. 1, COLUMNS AND STAIRS
114. PEDESTRIAN OVERPASS, PIER NO. 2
115. PEDESTRIAN OVERPASS, PIER NO. 3
116. PEDESTRIAN OVERPASS, PIER NO. 3 COLUMNS AND STAIRS
117. PEDESTRIAN OVERPASS, SUPERSTRUCTURE
118. PEDESTRIAN OVERPASS, RAIL DETAILS
119. CONCRETE MEDIAN WALL, MEDIAN WALL RAIL
120. RAIL DETAILS, OVERPASSES AND MEDIAN WALL
121. SPECIAL DETAILS
122. TUKEYS BRIDGE, REINFORCING STEEL
- 123, 124, 125. REINFORCING STEEL
- 126 thru 166. CROSS SECTIONS



LOCATION MAP

SCALE 1" = 1 MILE

DESIGN SPECIFICATIONS

A.A.S.H.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES 1953.

LOADING

TUKEYS BRIDGE: H20-S16-44, AS MODIFIED FOR INTERSTATE HIGHWAYS.
OVERPASS NO. 1 & 2: H20-S16-44

CONTRACT SPECIFICATIONS

STATE OF MAINE, STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS, REVISION OF JAN. 1956. EXCEPT AS MODIFIED ON THESE PLANS AND IN THE SUPPLEMENTAL SPECIFICATIONS.

CONCRETE CLASSIFICATION

CLASSIFICATION OF PORTLAND CEMENT CONCRETE IN PIER FOOTINGS OF TUKEYS BRIDGE TO BE AS PROVIDED FOR IN THE SUPPLEMENTAL SPECIFICATIONS.

CLASS Y - PEDESTRIAN OVERPASS GRID FLOOR & CAST IN PLACE CONCRETE PILES.

CLASS A - ALL OTHER CONCRETE.

A. D. T. - 1960	=	33,360
A. D. T. - 1980	=	45,495
D. N. V.	=	6,824
D.	=	55 %
T.	=	9 %
V.	=	50 mph.

APPROVED:
MAINE STATE HIGHWAY COMMISSION

David H. Stinson
CHAIRMAN

Charles J. Cook

Raymond J. [Signature]
CHIEF ENGINEER

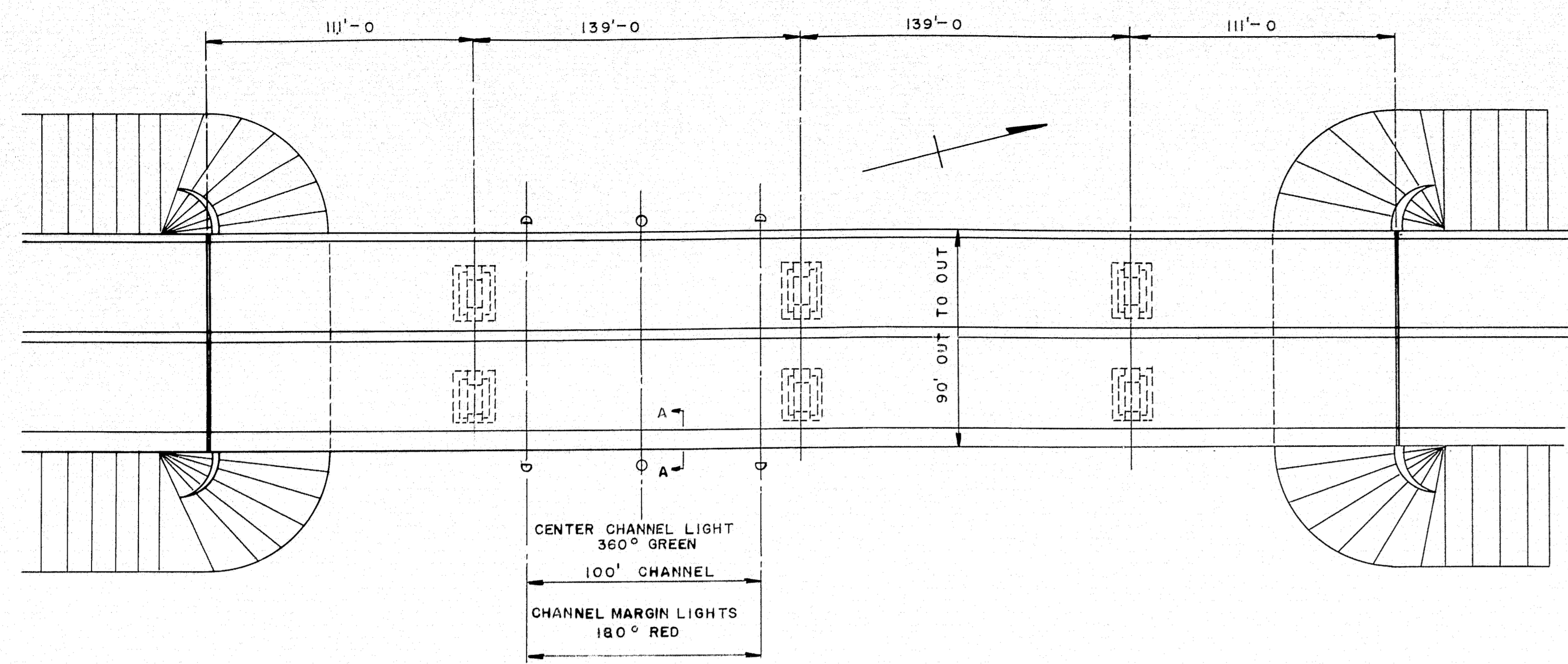
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION I

APPROVED:

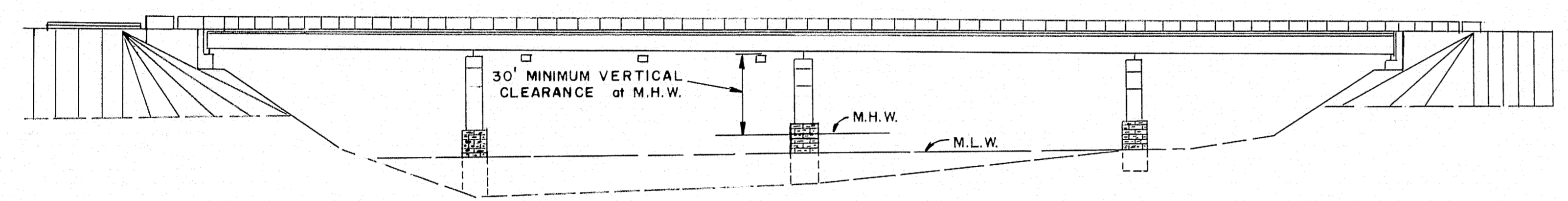
DIVISION ENGINEER

DATE

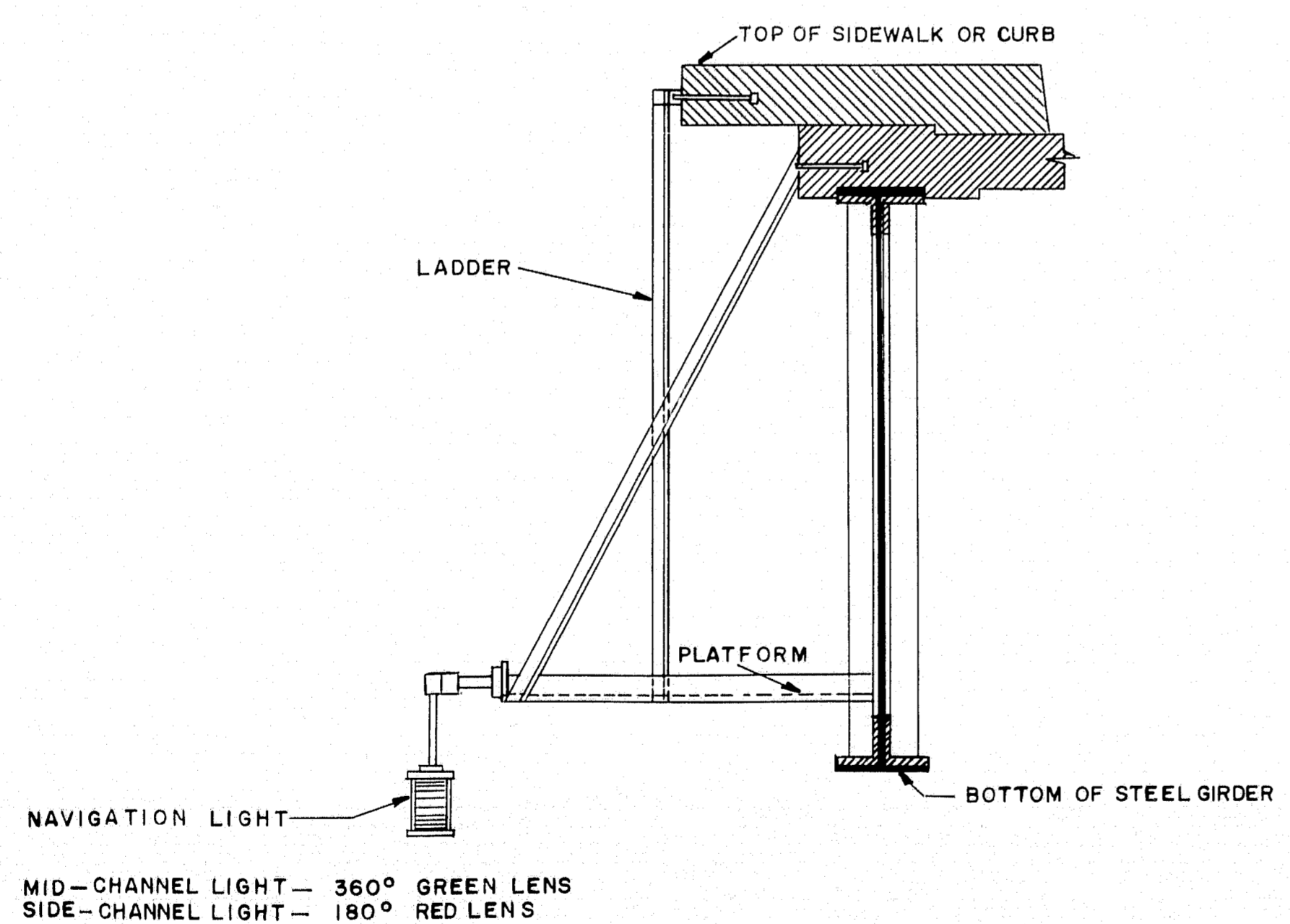
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



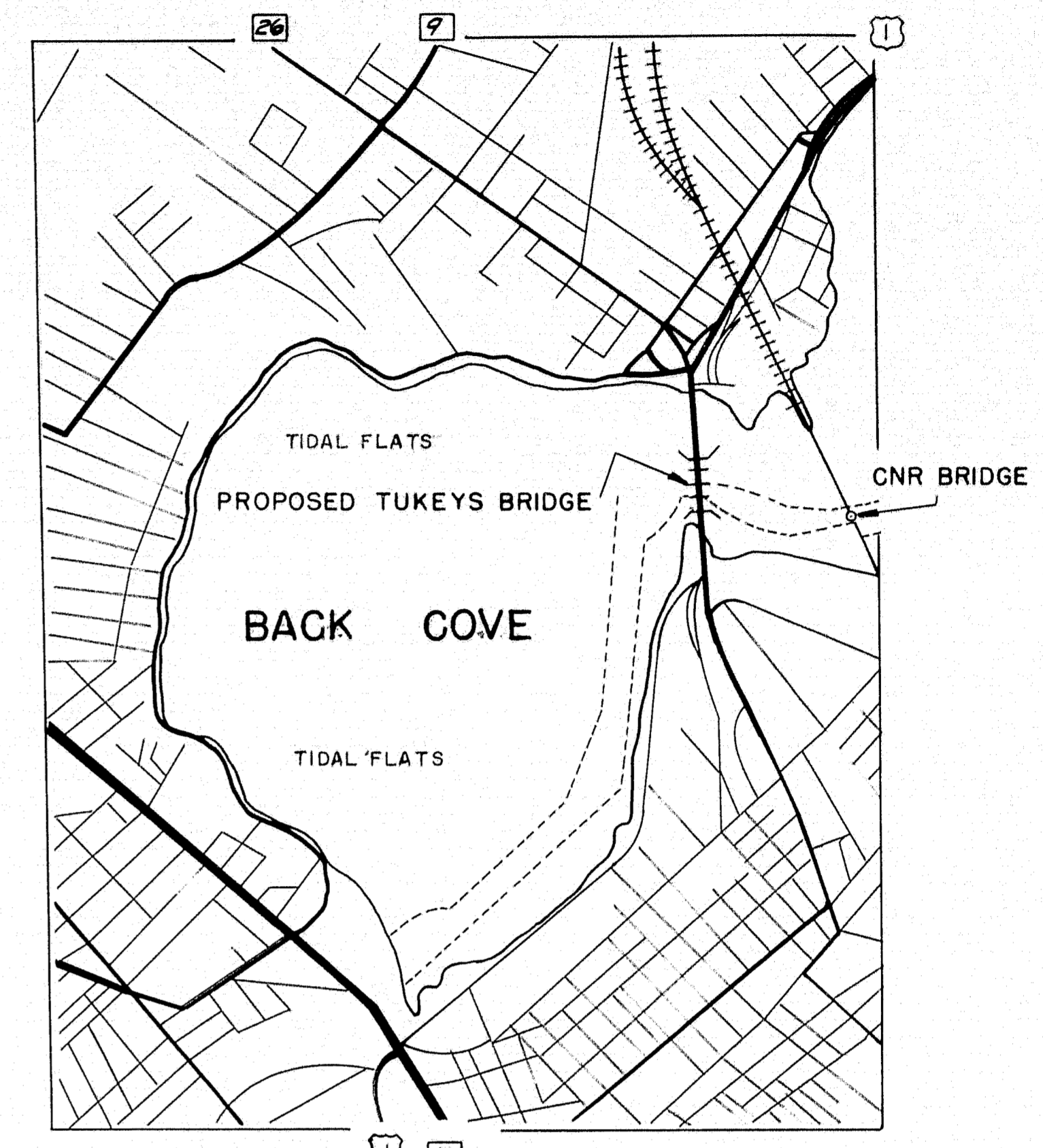
PLAN



ELEVATION



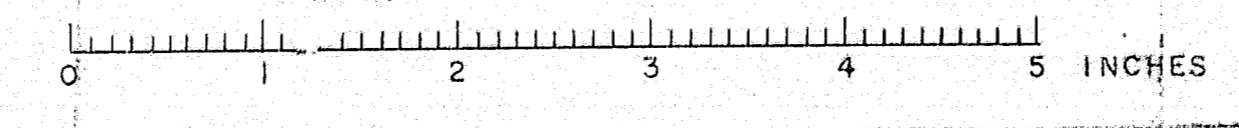
SECTION A-A
(TYPICAL)



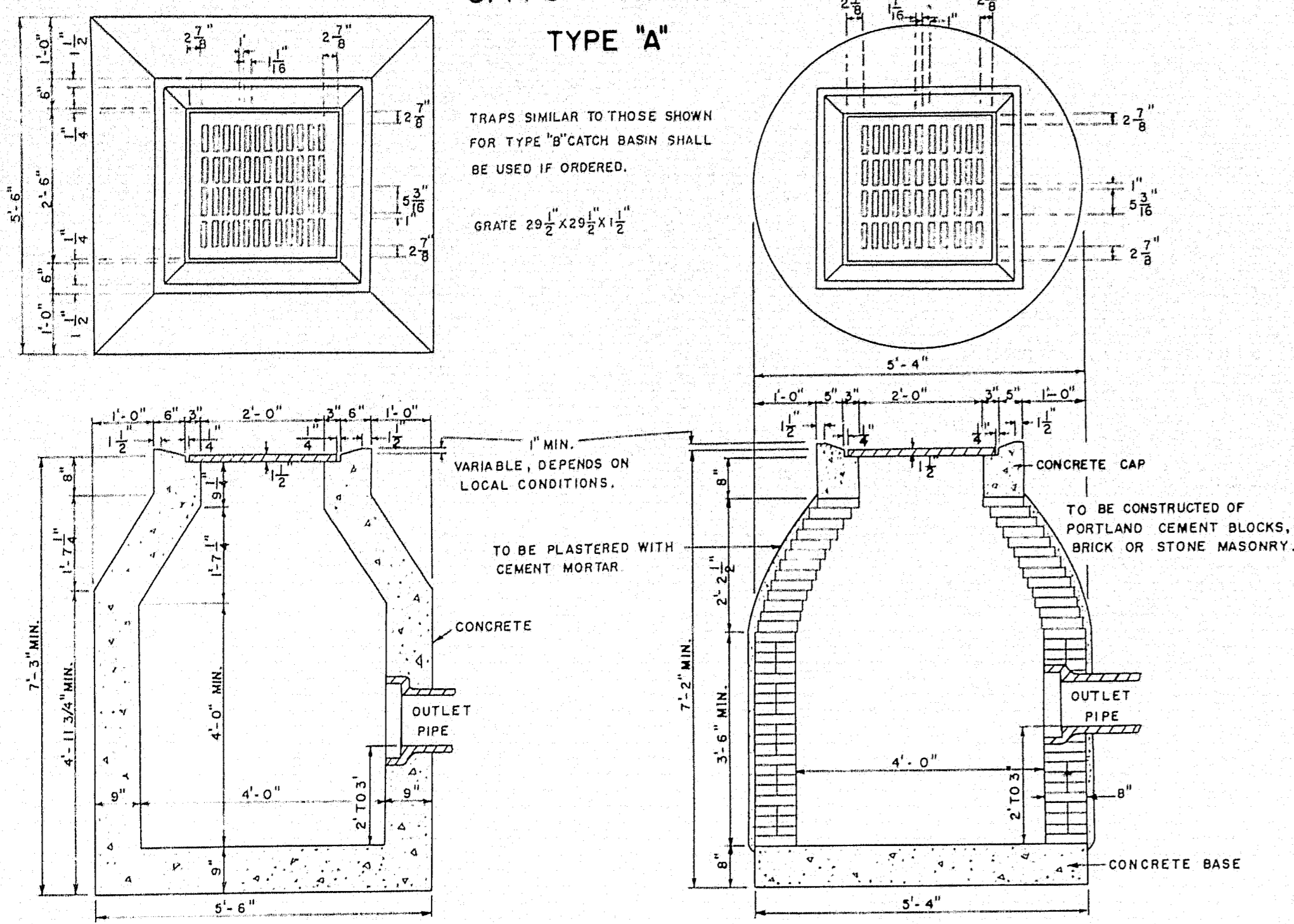
A PORTION OF PORTLAND, MAINE

DESIGN - TRACE - CHECK -	MURRELL	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY NAVIGATION LIGHTS		
SHEET 1 OF 1 AUGUSTA, MAINE JAN. 1960		

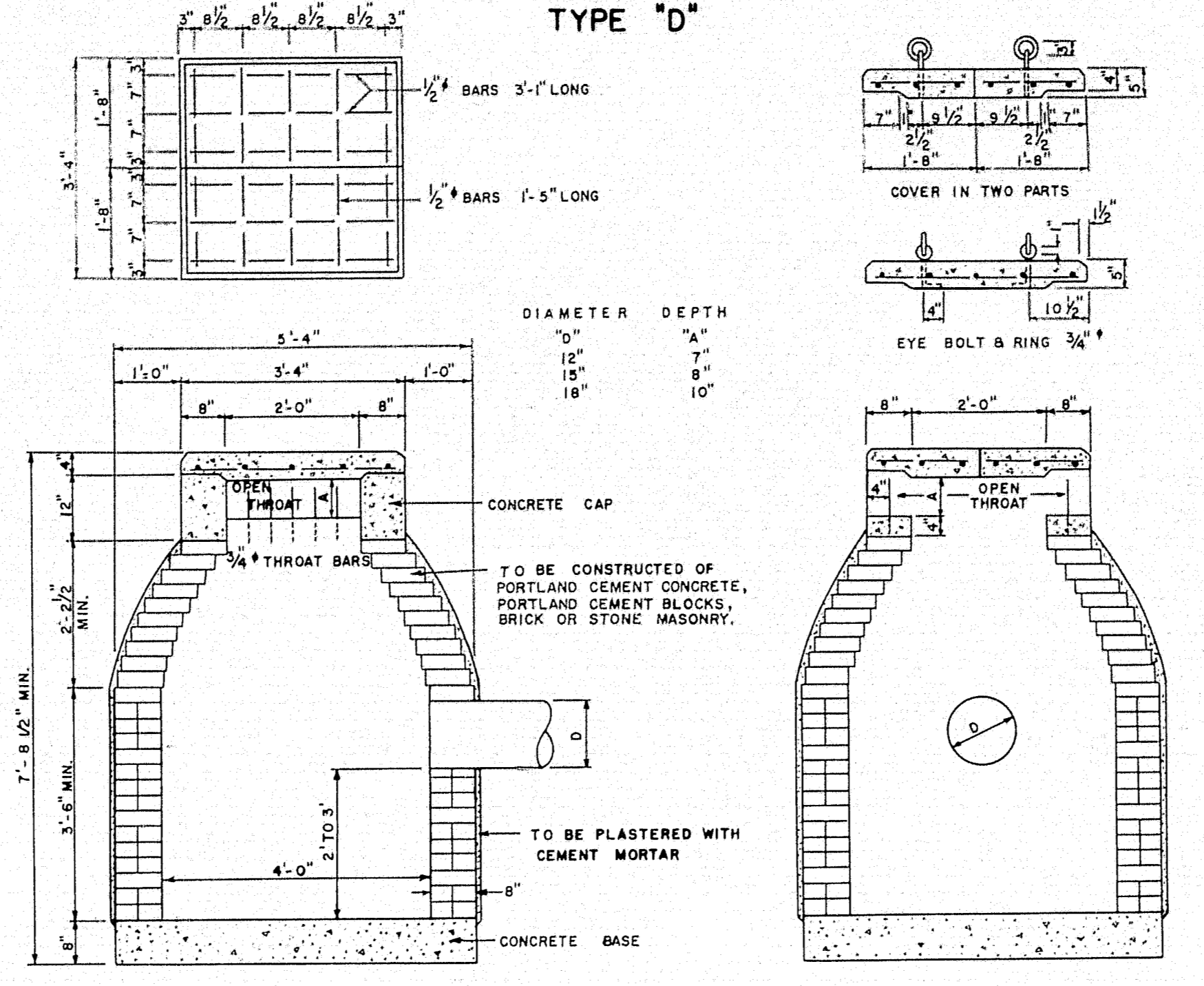
76-1A



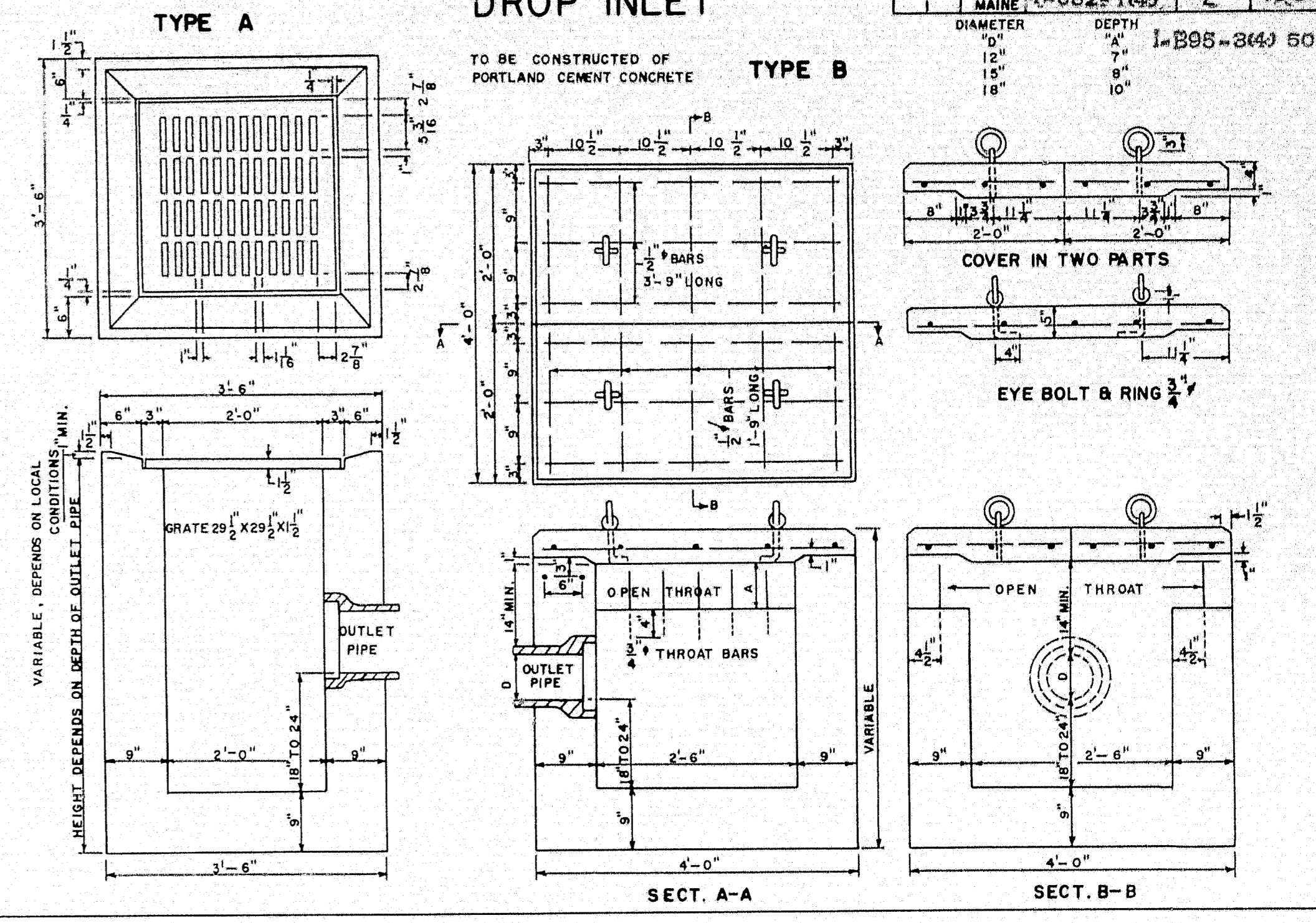
CATCH BASIN TYPE "A"



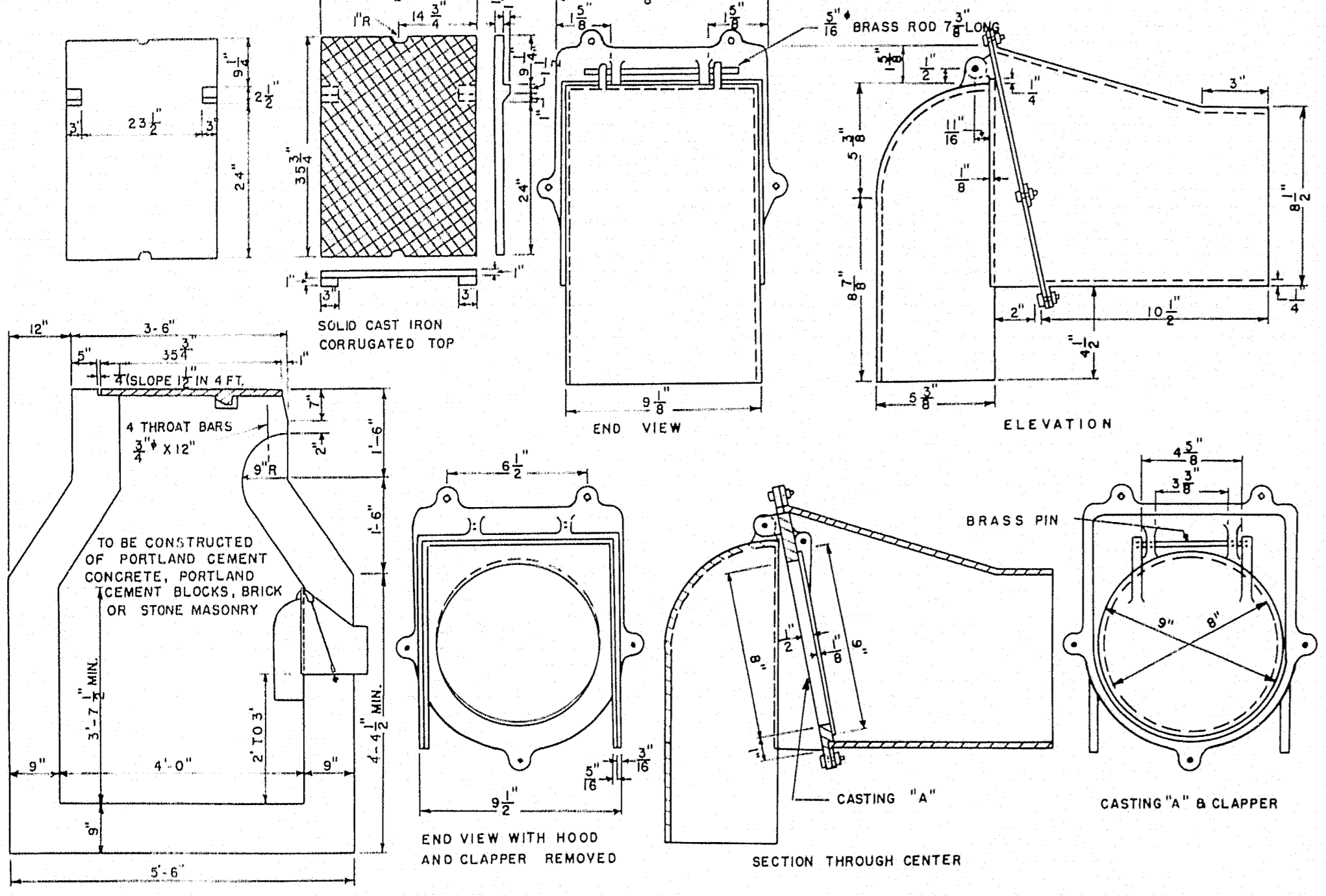
CATCH BASIN TYPE "D"



DROP INLET

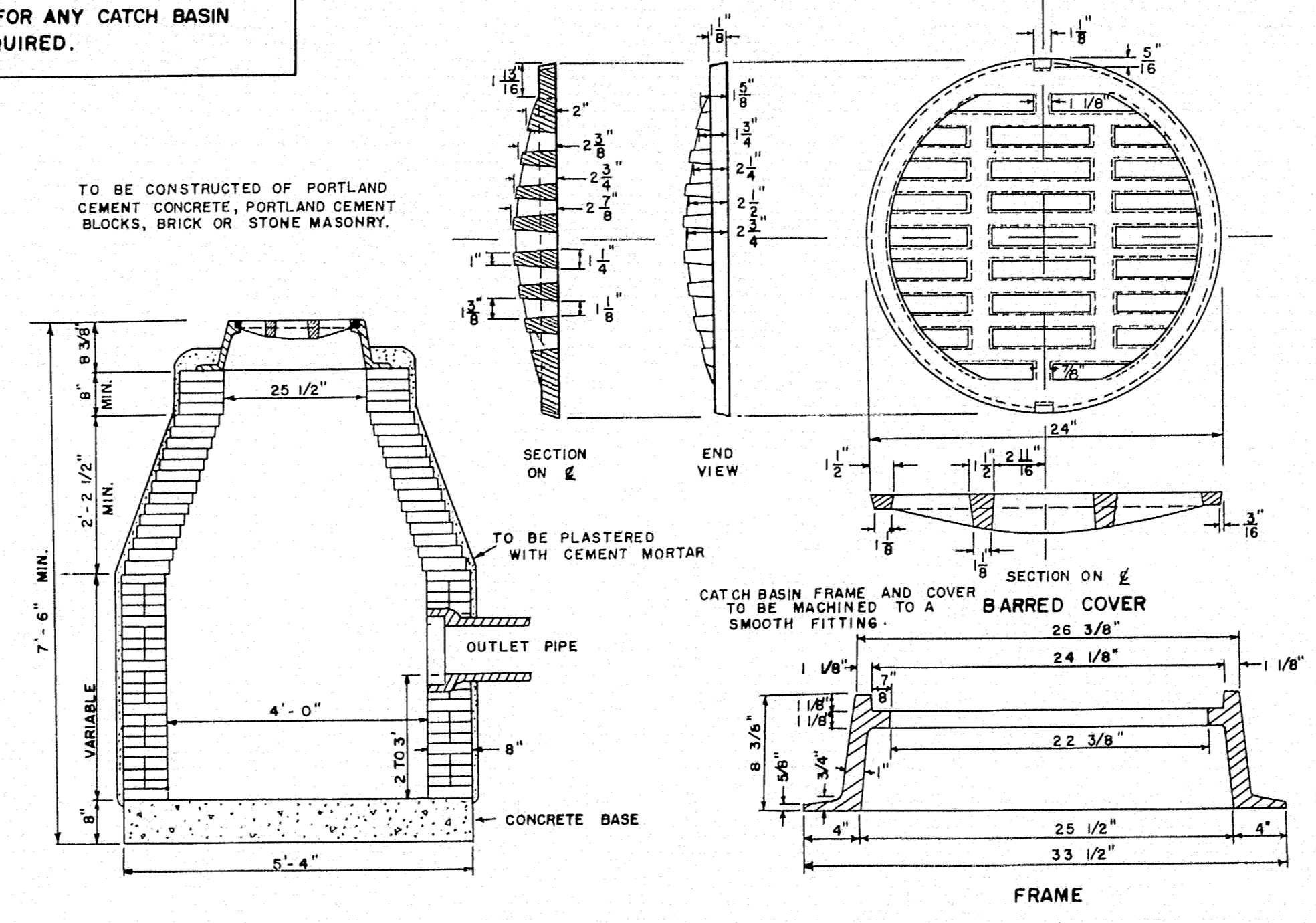


CATCH BASIN TYPE "B"

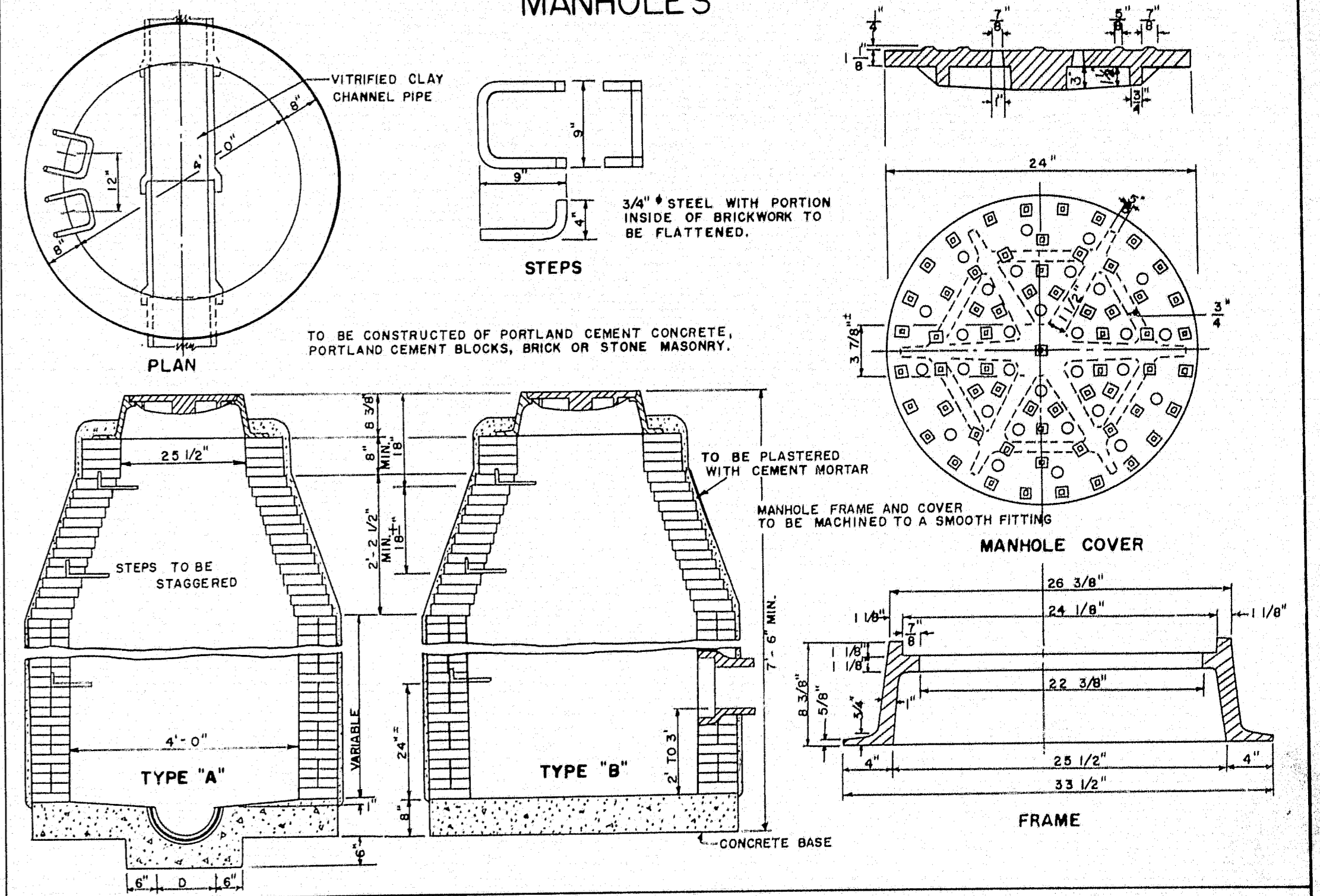


NOTE
TRAPS SIMILAR TO THOSE SHOWN FOR TYPE "B" CATCH BASIN SHALL BE USED FOR ANY CATCH BASIN WHEN REQUIRED.

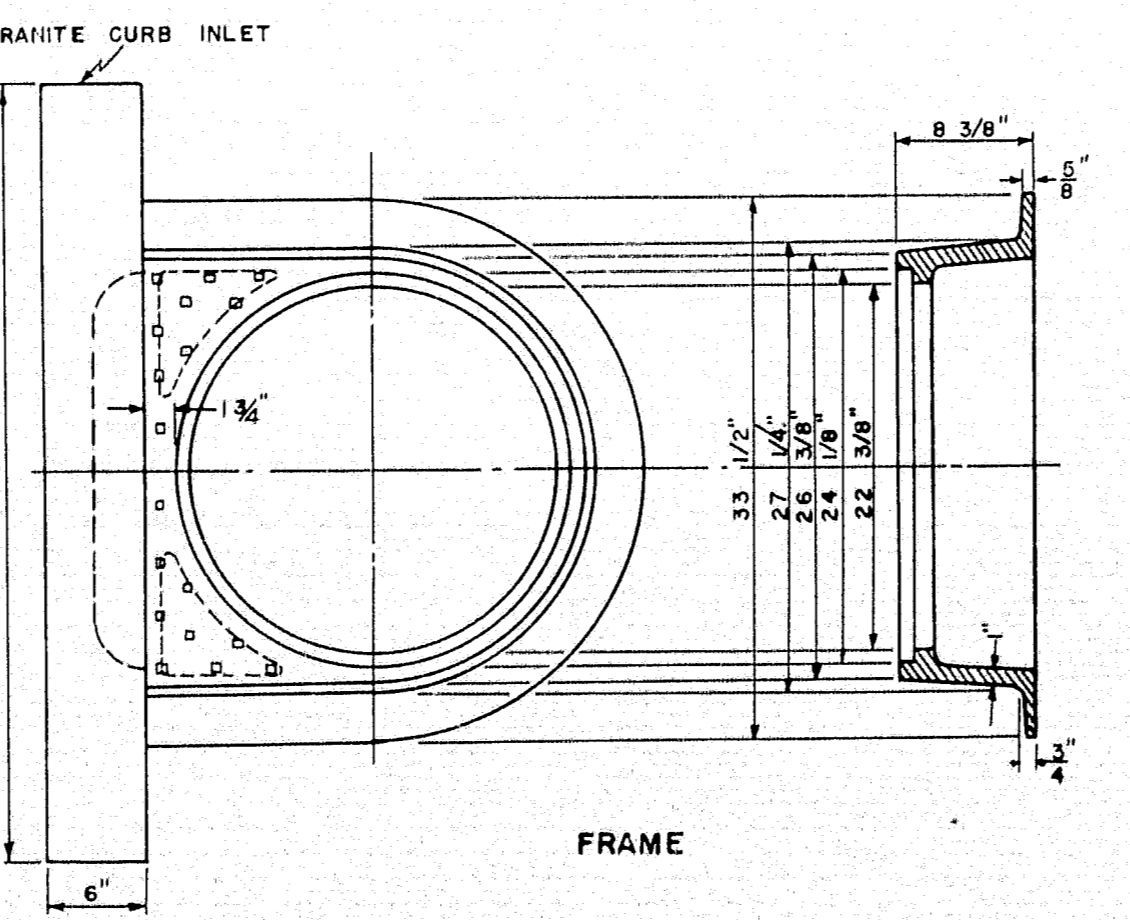
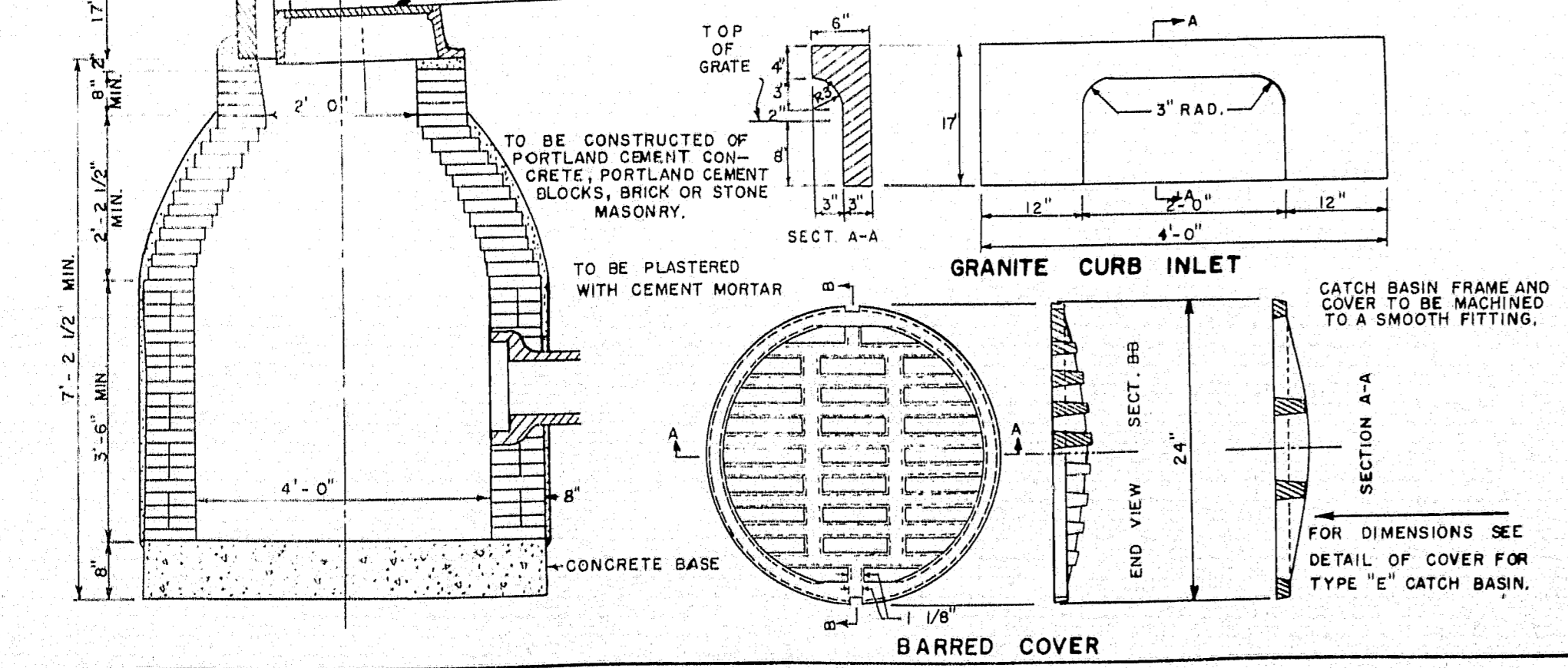
CATCH BASIN TYPE "E"



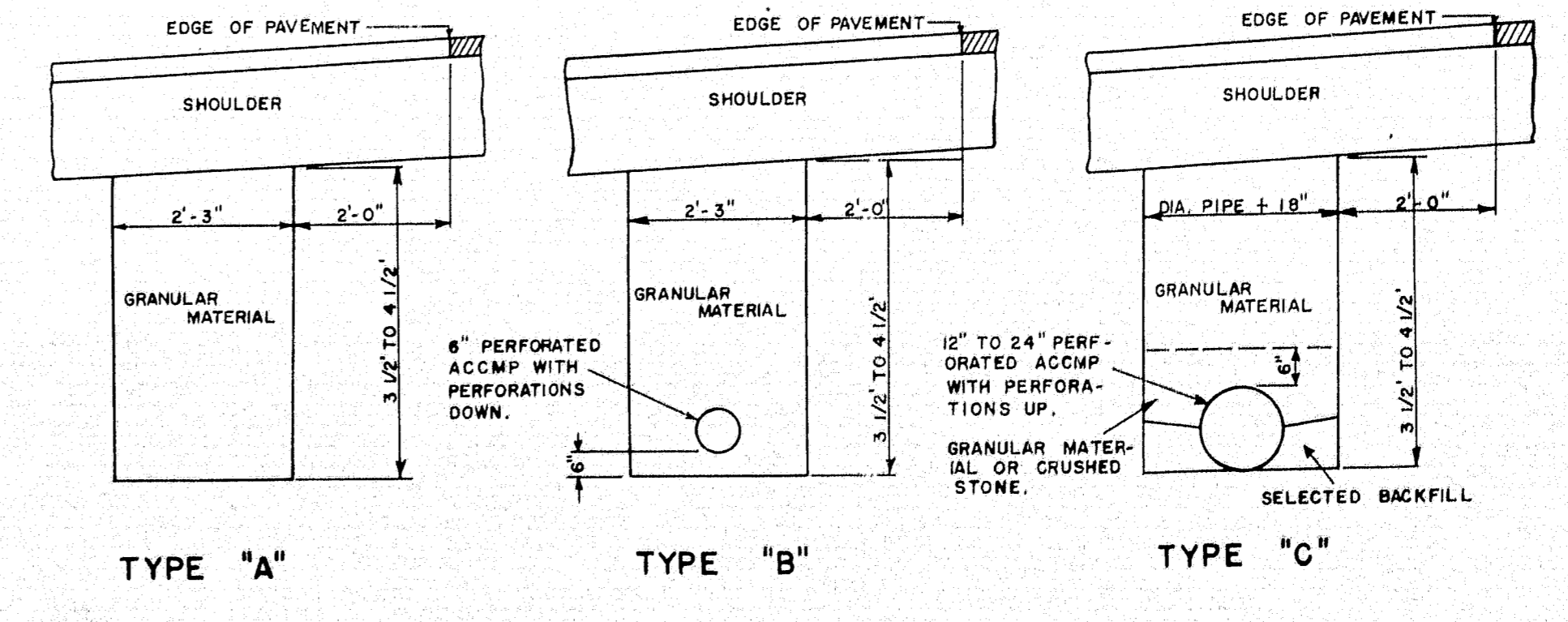
MANHOLES



CATCH BASIN TYPE "C"



UNDERDRAIN

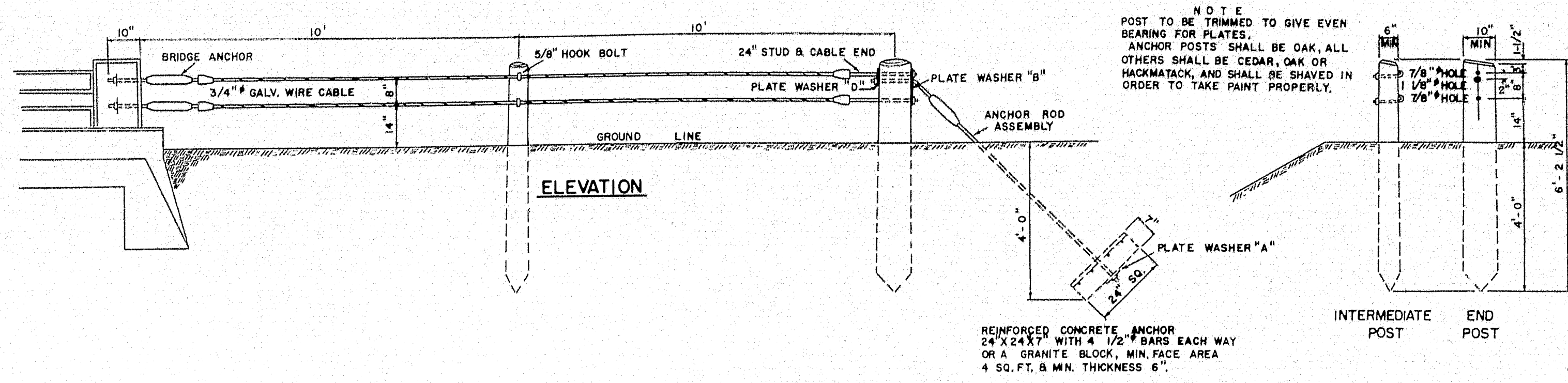


TUKEY'S BRIDGE
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

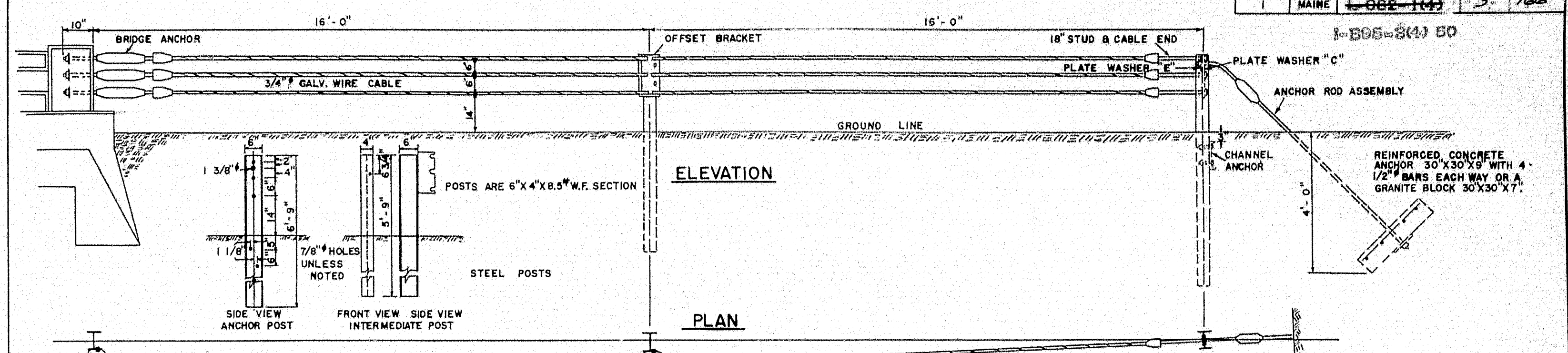
STANDARD DETAILS

CATCH BASINS, MANHOLES,
DROP INLETS AND
UNDERDRAINS

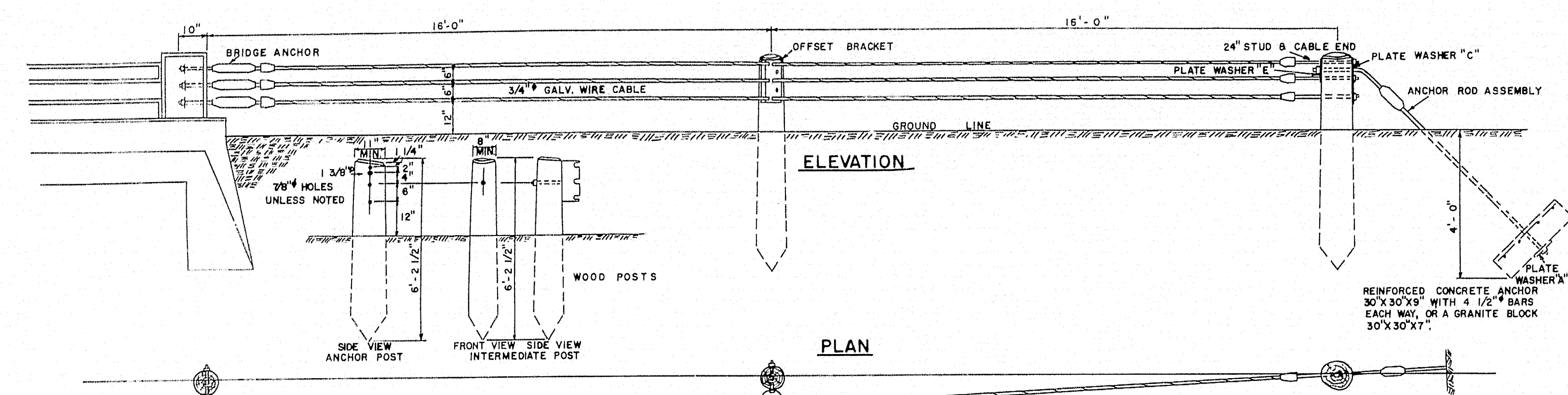
Sheet 2 of 166 76-2 OCT. 1957



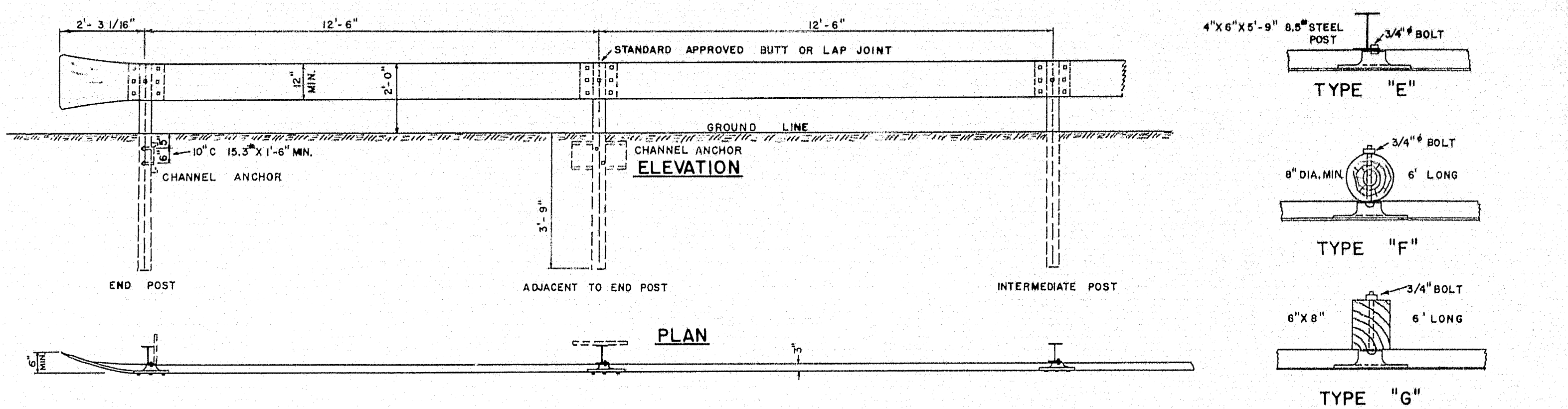
GUARD RAIL TYPE "A" & "B"



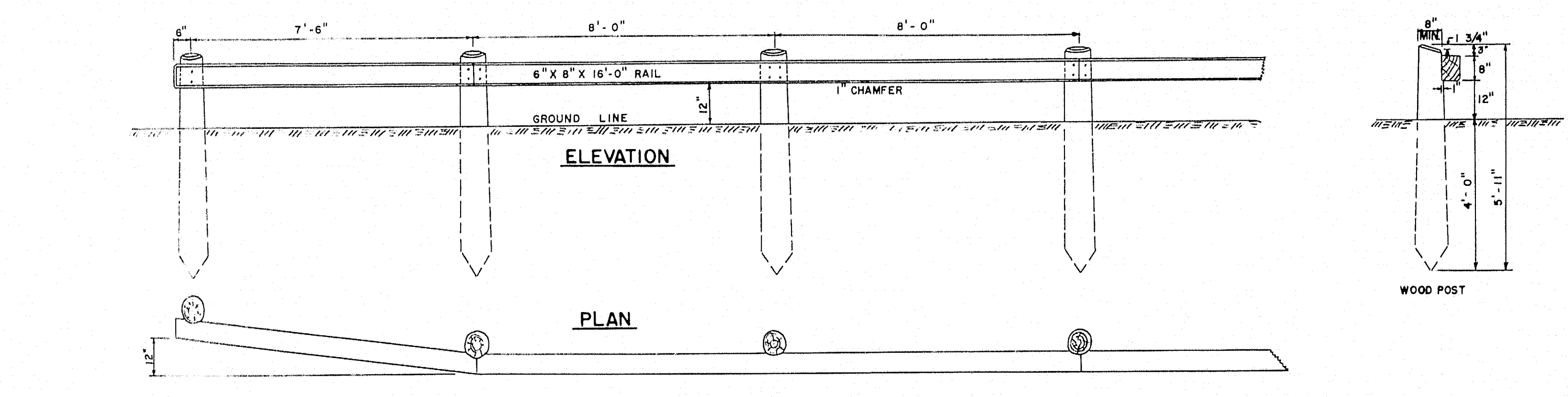
GUARD RAIL TYPE "C"



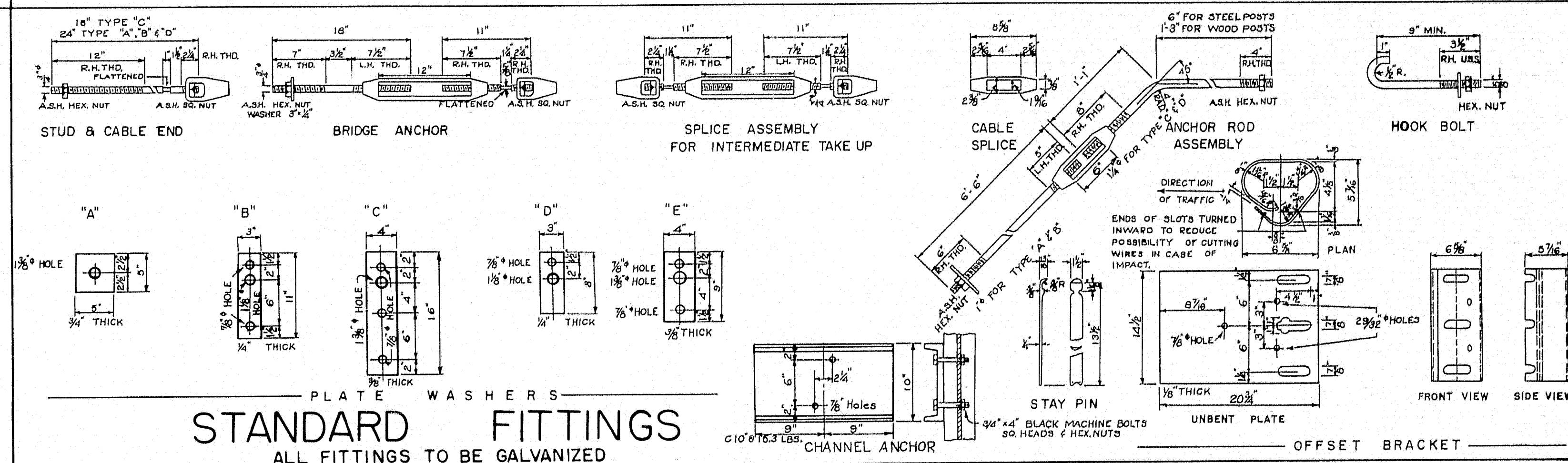
GUARD RAIL TYPE "D"



GUARD RAIL TYPE "E", "F" & "G"

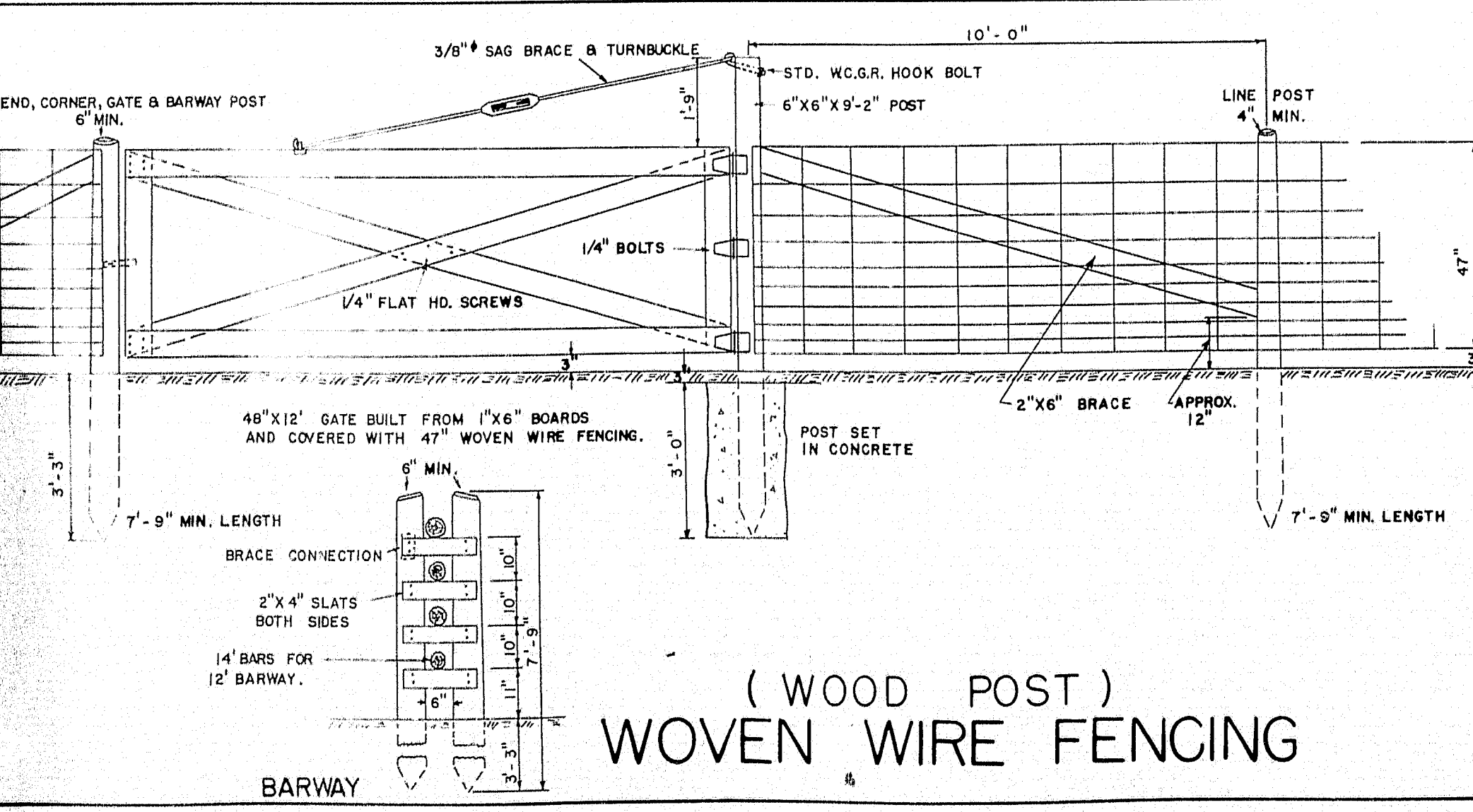


GUARD RAIL TYPE "H"

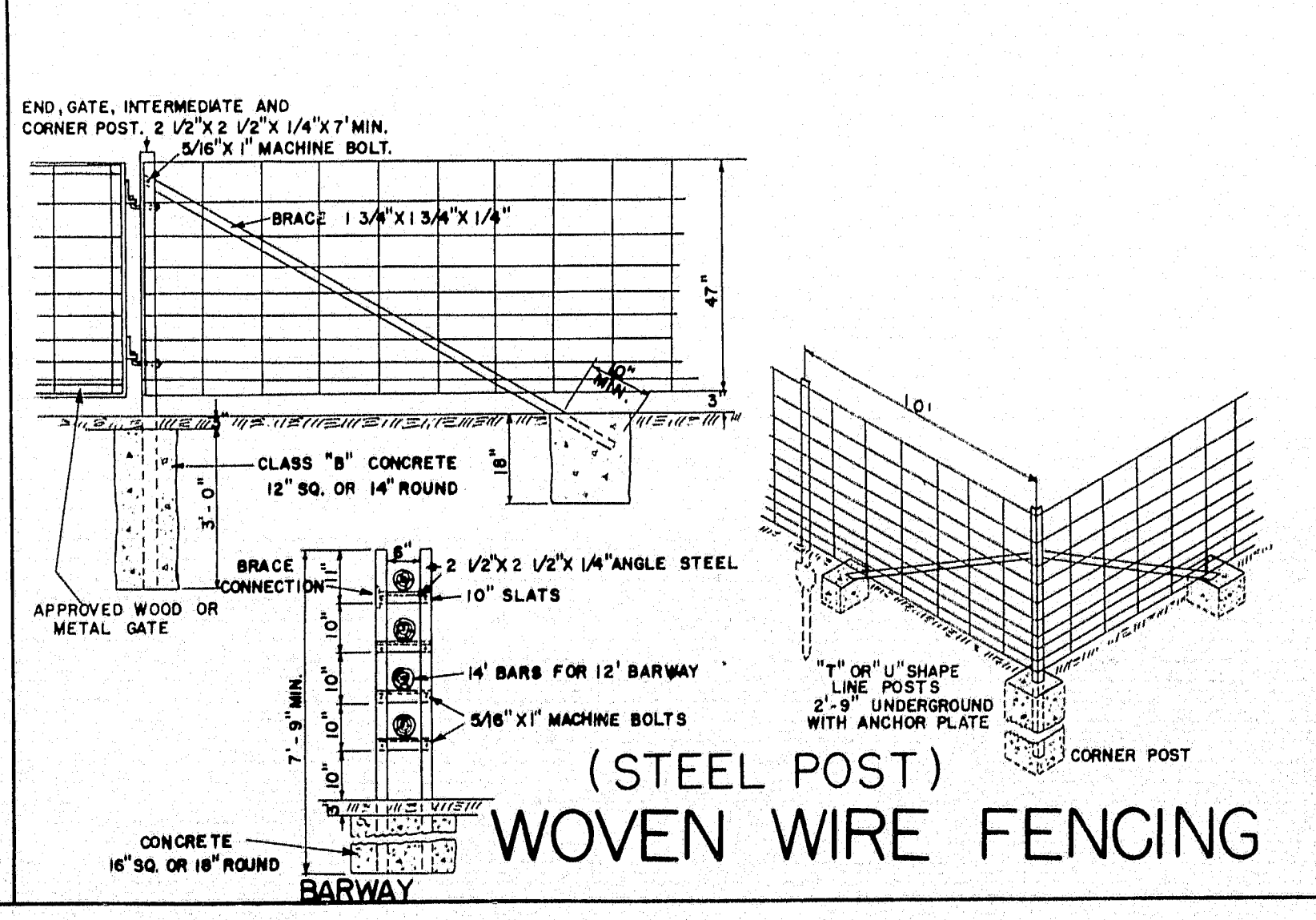


STANDARD FITTINGS
ALL FITTINGS TO BE GALVANIZED

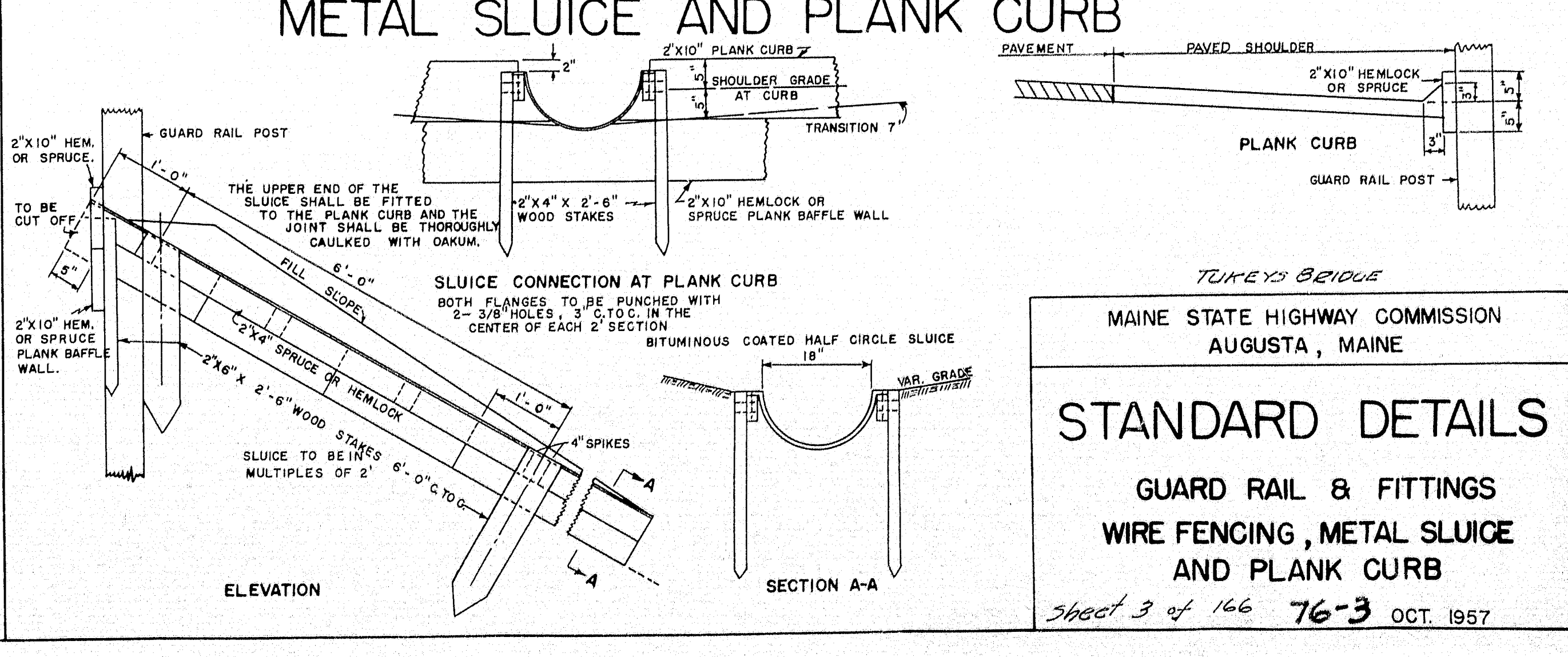
METAL SLUICE AND PLANK CURB



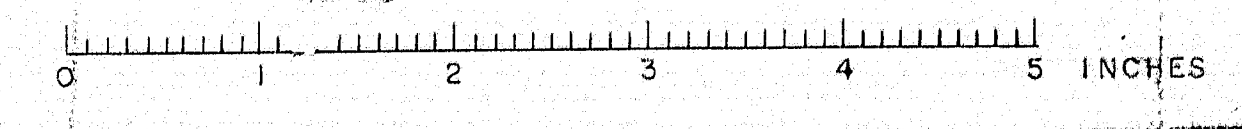
(WOOD POST)
WOVEN WIRE FENCING



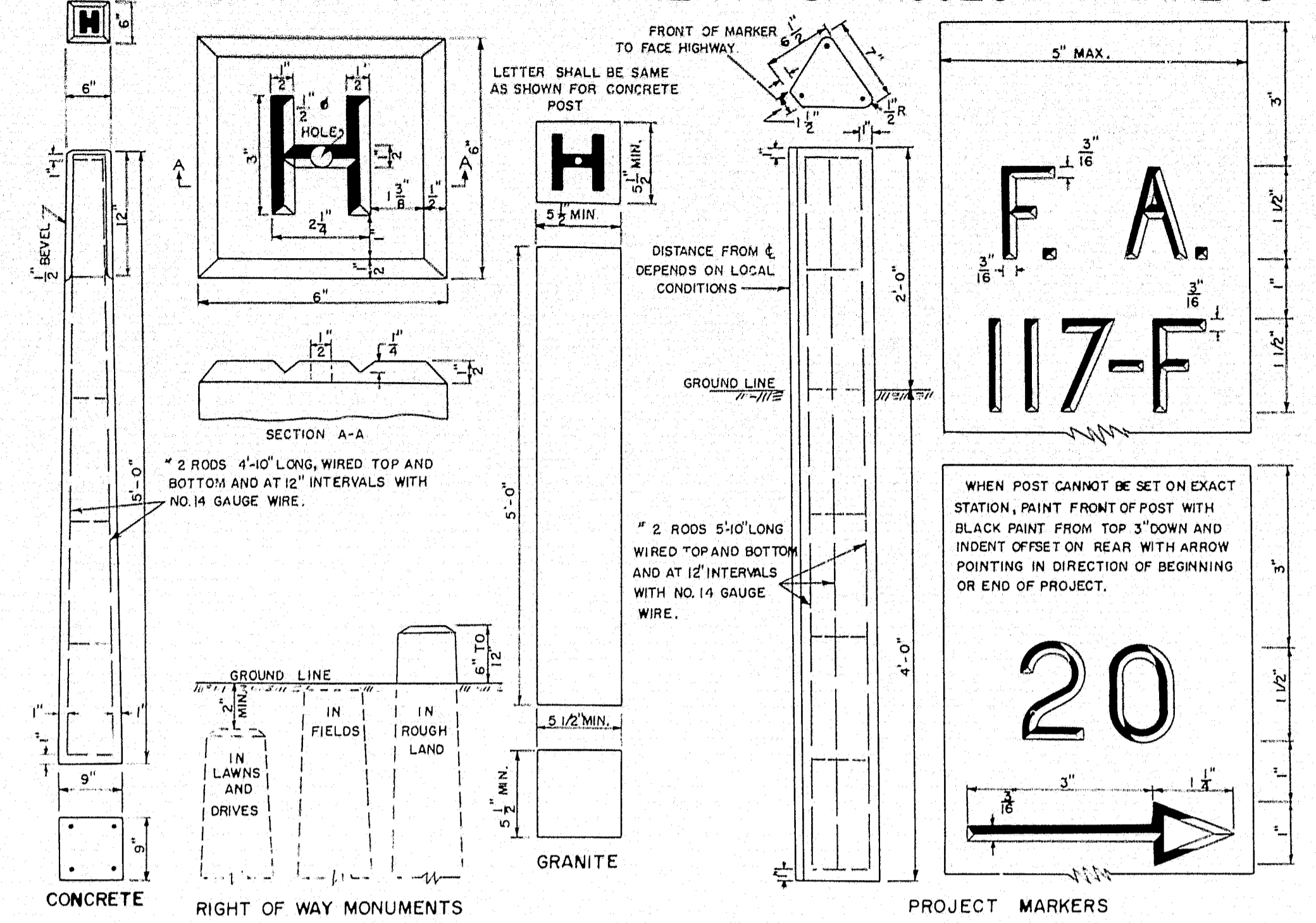
(STEEL POST)
WOVEN WIRE FENCING



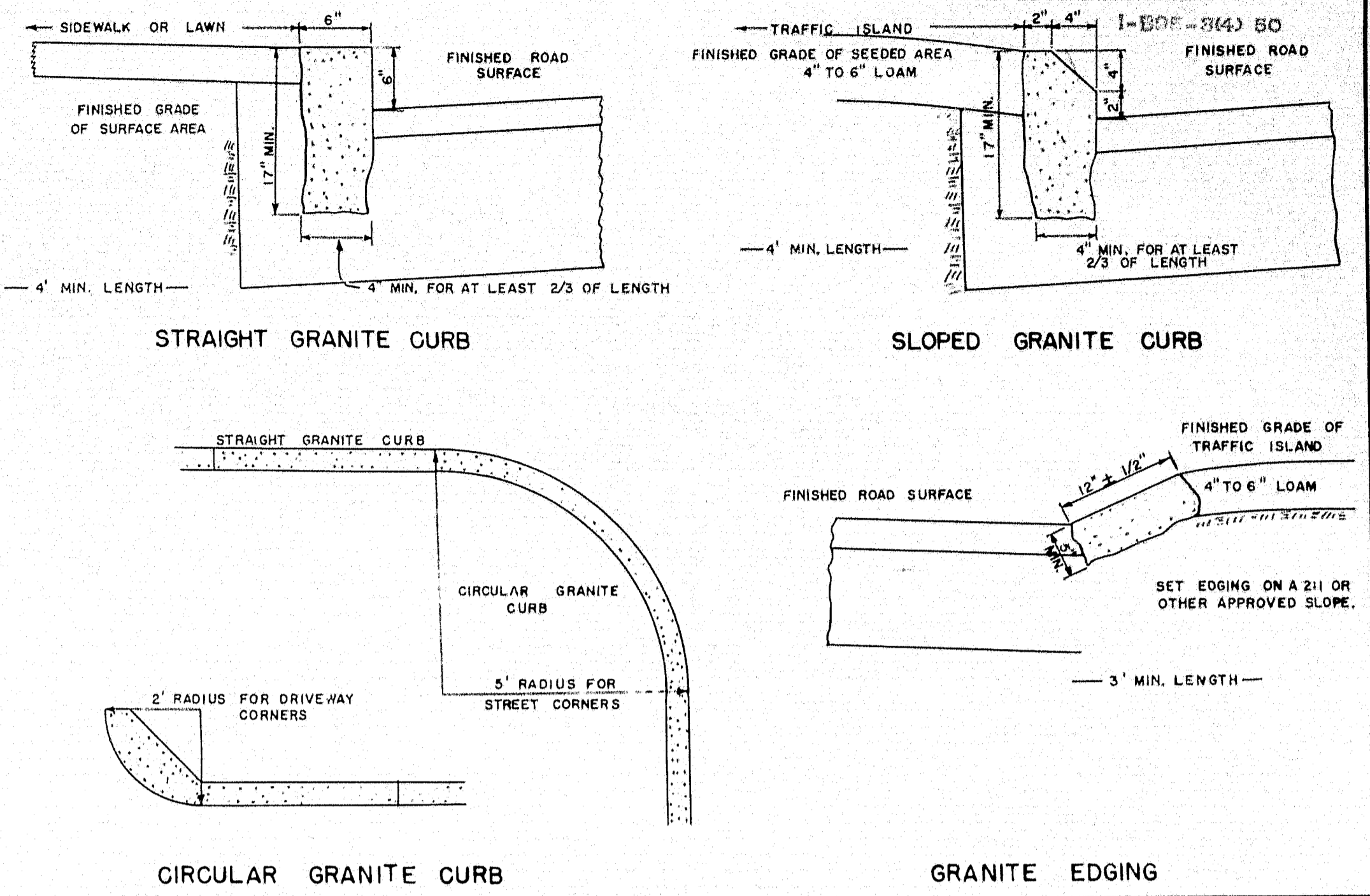
TUKEYS BRIDGE
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE
STANDARD DETAILS
GUARD RAIL & FITTINGS
WIRE FENCING, METAL SLUICE
AND PLANK CURB
Sheet 3 of 166 76-3 OCT. 1957



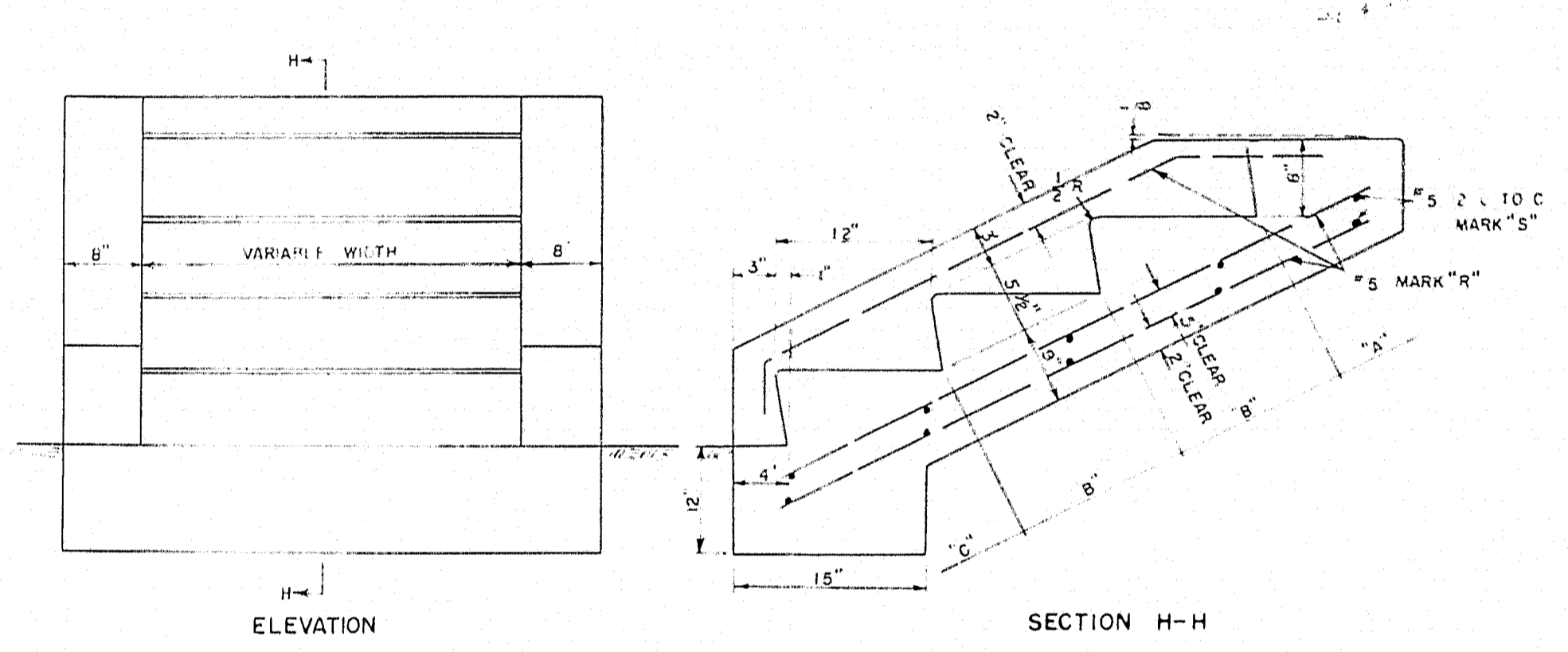
RIGHT OF WAY MONUMENTS & PROJECT MARKERS



GRANITE CURB & EDGING



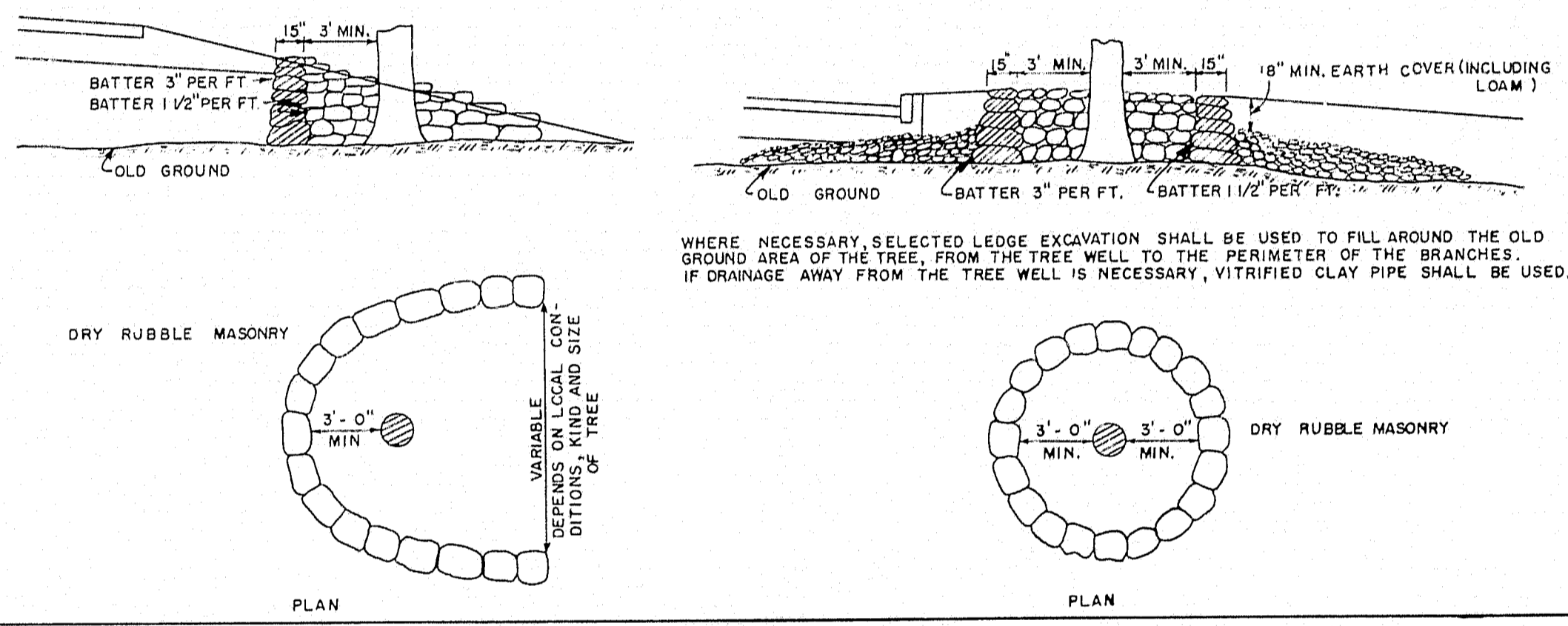
CONCRETE STEPS



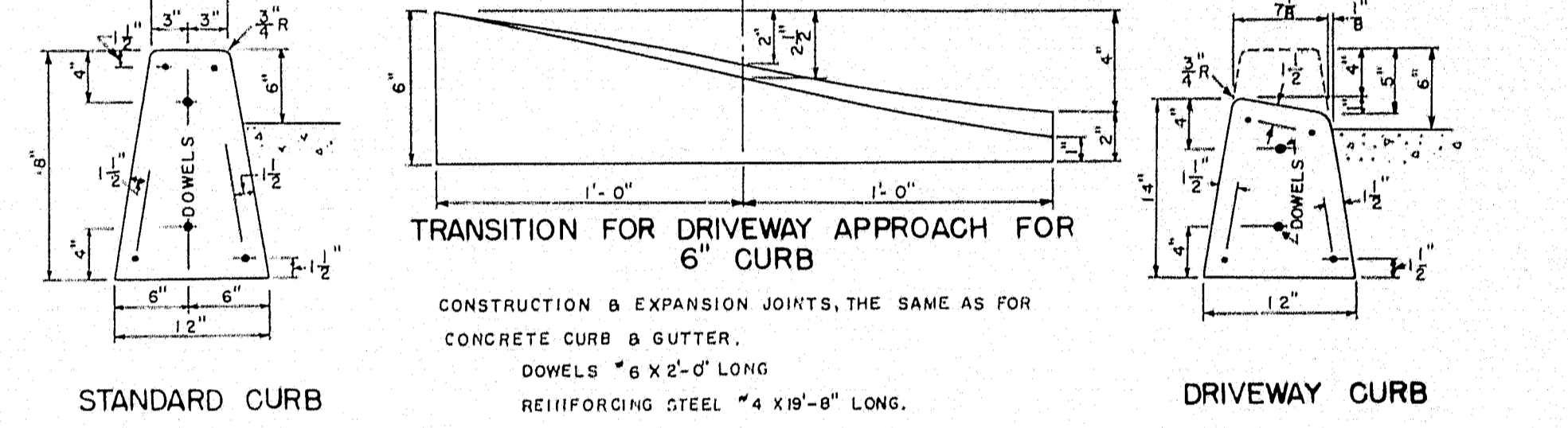
CONCRETE CLASS "A"		
SECTION	STEPS PER FT. OF WIDTH	PARAPET EACH WALL
"A" HEADER	0.52 CU. YDS.	0.22 CU. YDS.
"B" EA. INTER ST.	0.40 CU. YDS.	0.40 CU. YDS.
"C" FOOTER	0.71 CU. YDS.	0.65 CU. YDS.

REINFORCING STEEL			
MARK	SIZE	NUMBER	LENGTH (EACH)
R	#5	3 EACH PARAPET	8" FOR "A"
		2 EACH FT. OF WIDTH	+13" FOR EACH "B"
			+16" FOR "C"
S	#5	2 FOR "A"	6 EACH PARAPET
		2 FOR EACH "B"	H/2 PER FT. OF WIDTH
		2 FOR "C"	

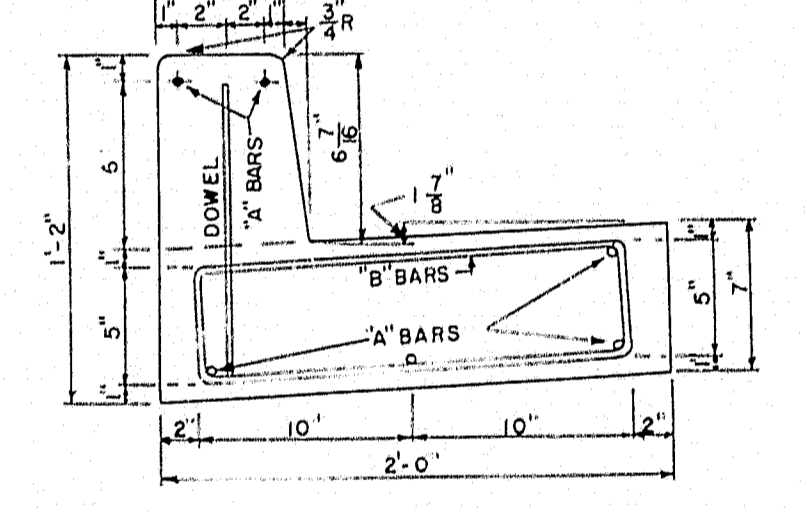
TREE WELLS



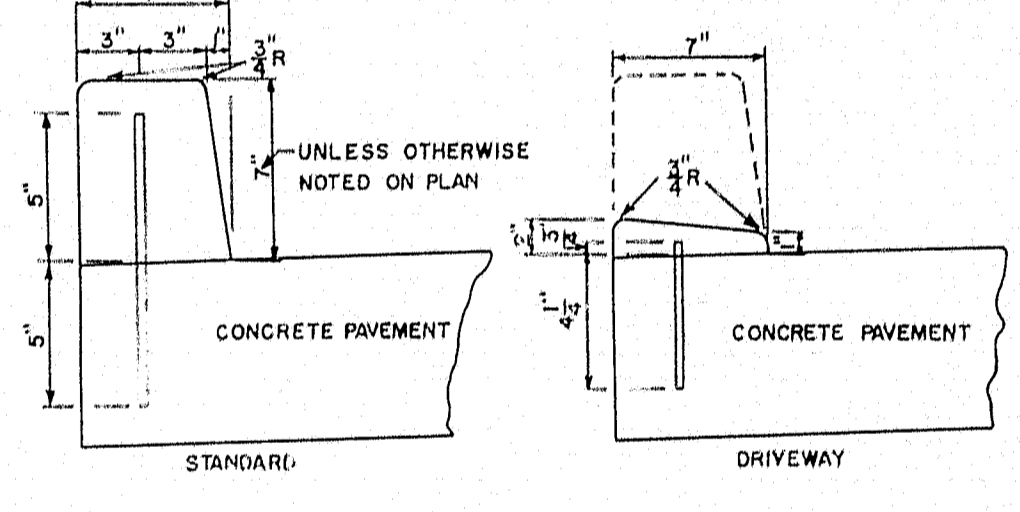
CONCRETE CURB



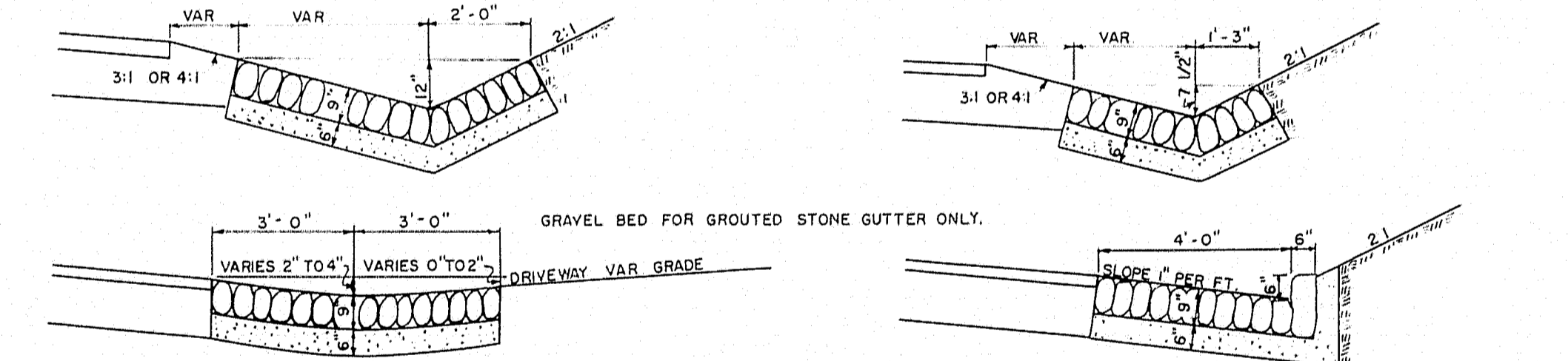
CONCRETE CURB & GUTTER



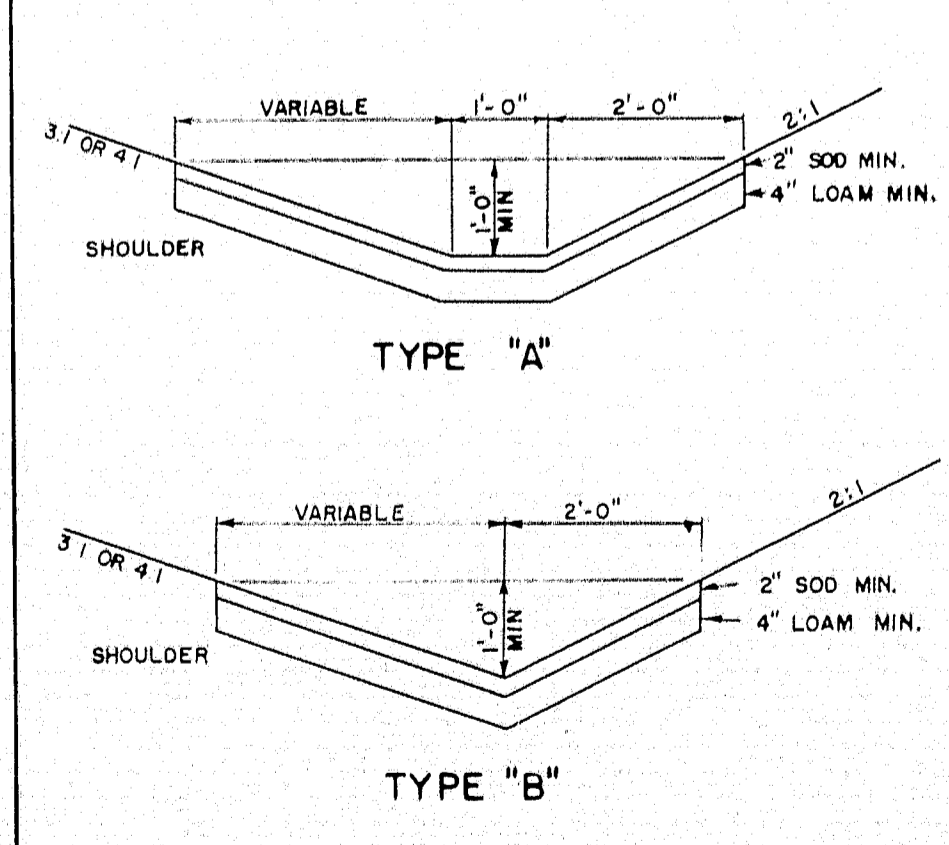
INTEGRAL CONCRETE CURB



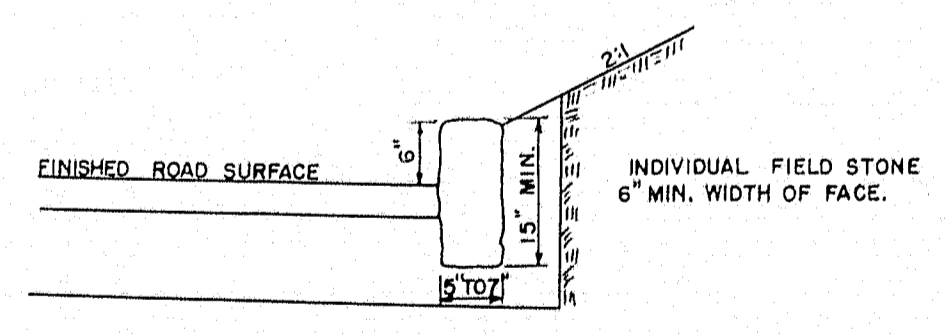
STONE GUTTER



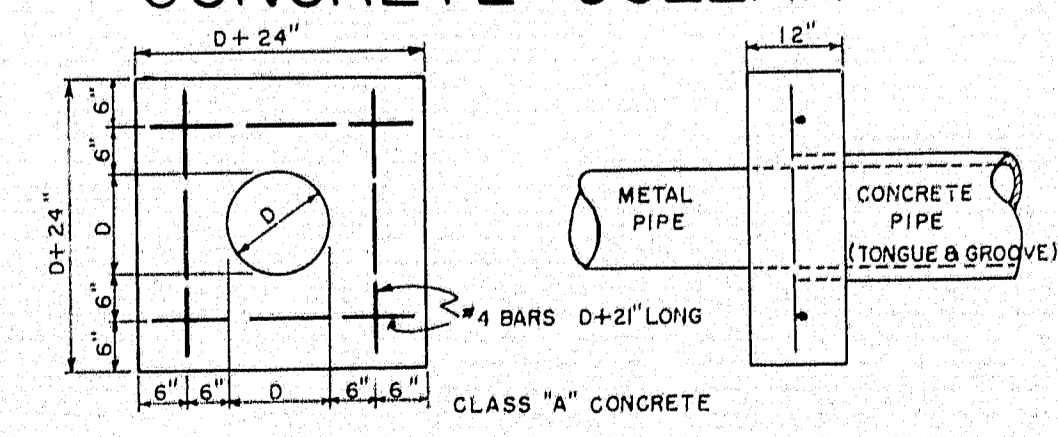
SODDED GUTTER



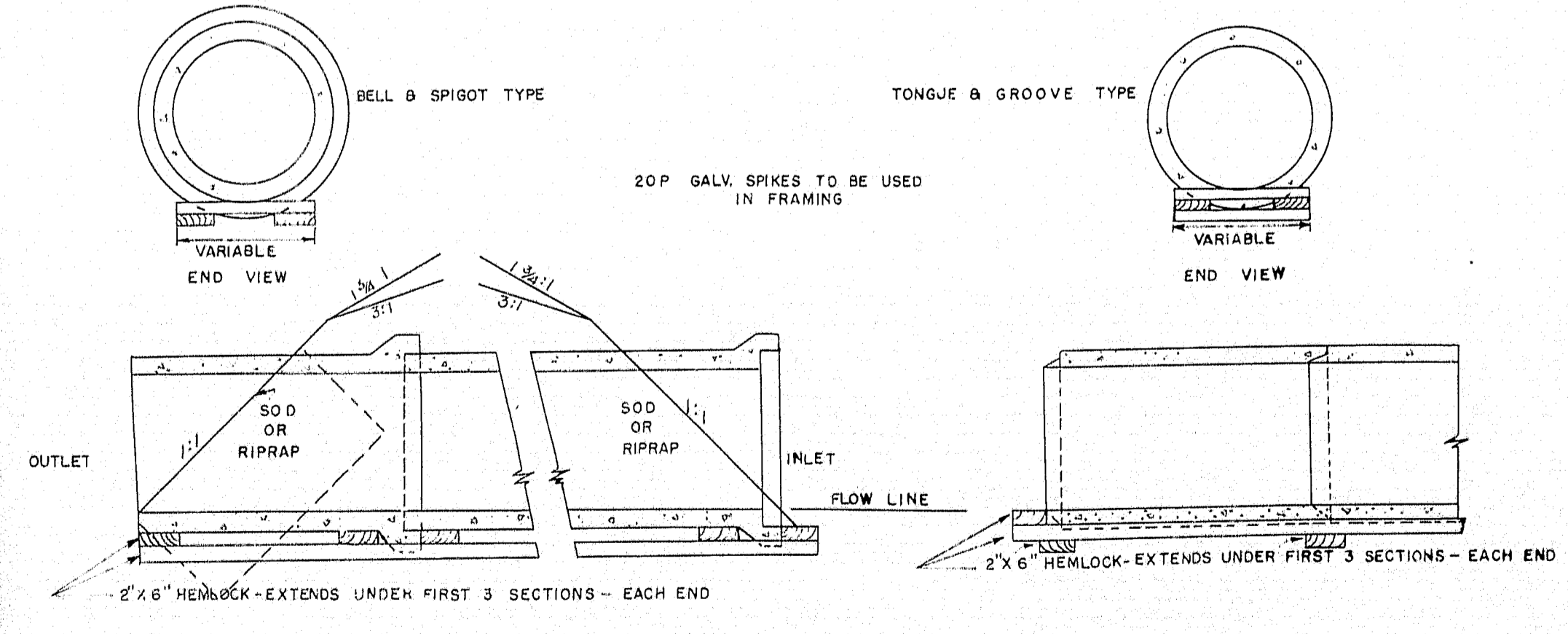
FIELD STONE CURB



CONCRETE COLLAR



CONCRETE PIPE CRADLE



TUKEYS BRIDGE
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

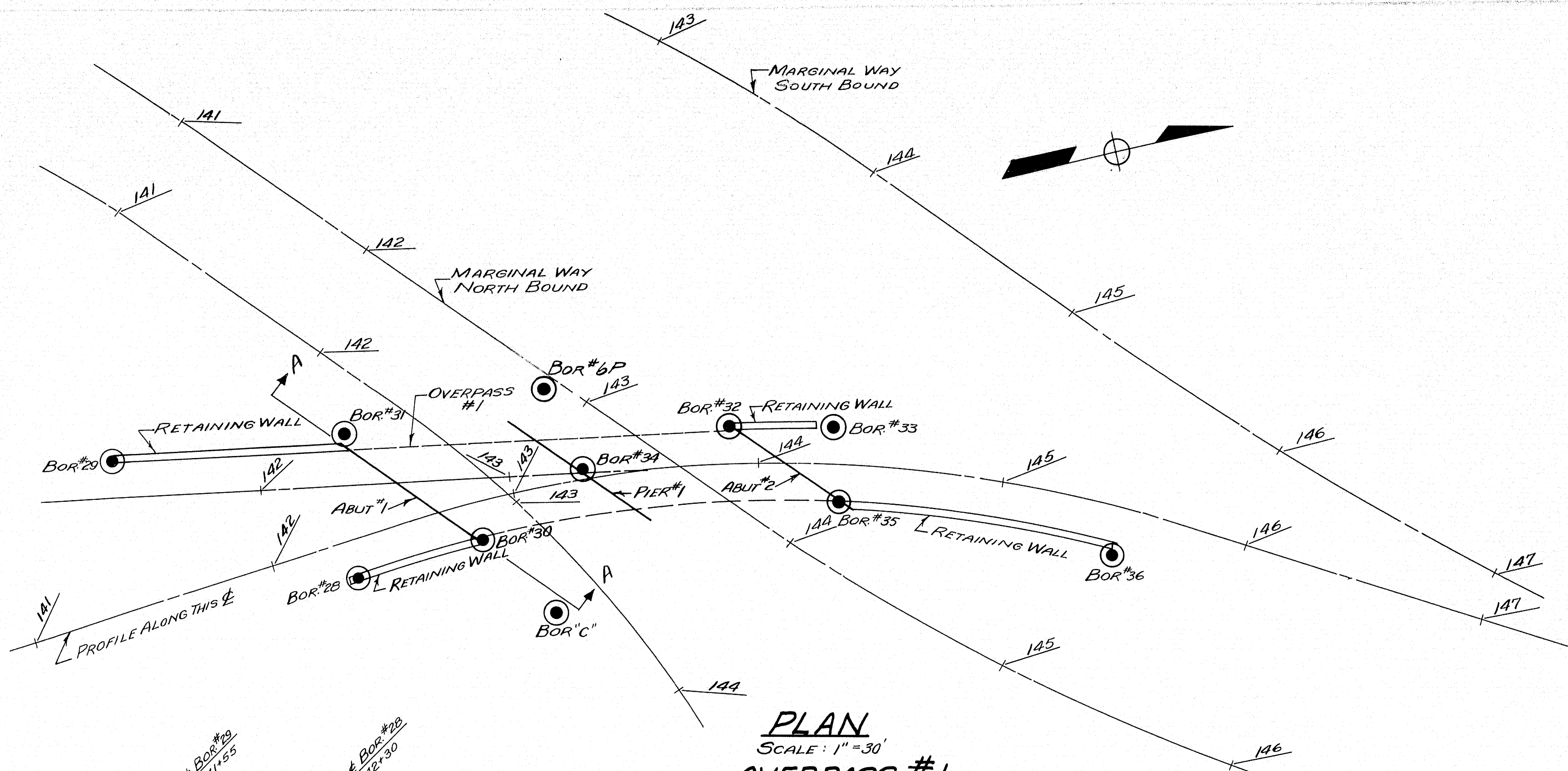
STANDARD DETAILS

MISCELLANEOUS ITEMS

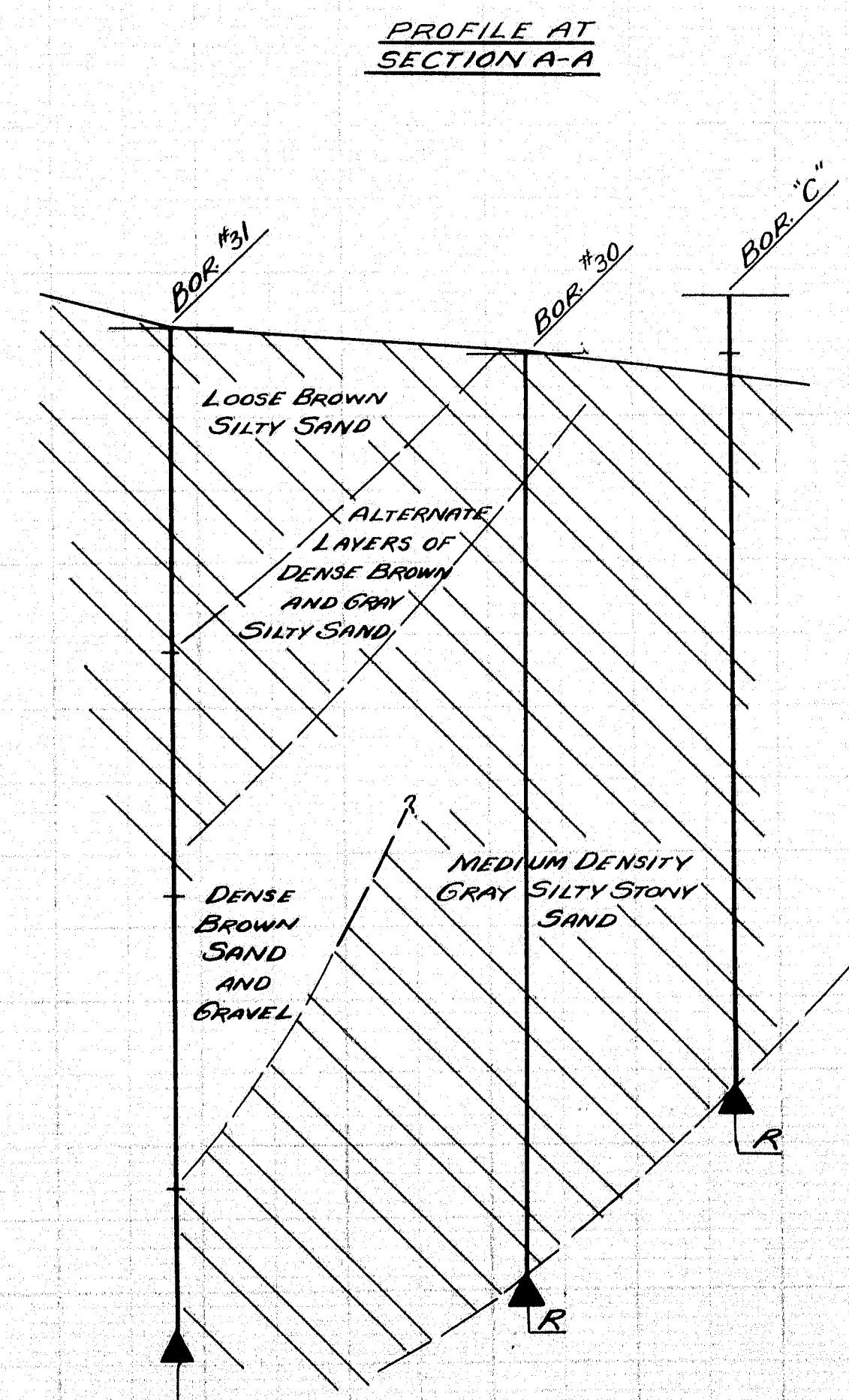
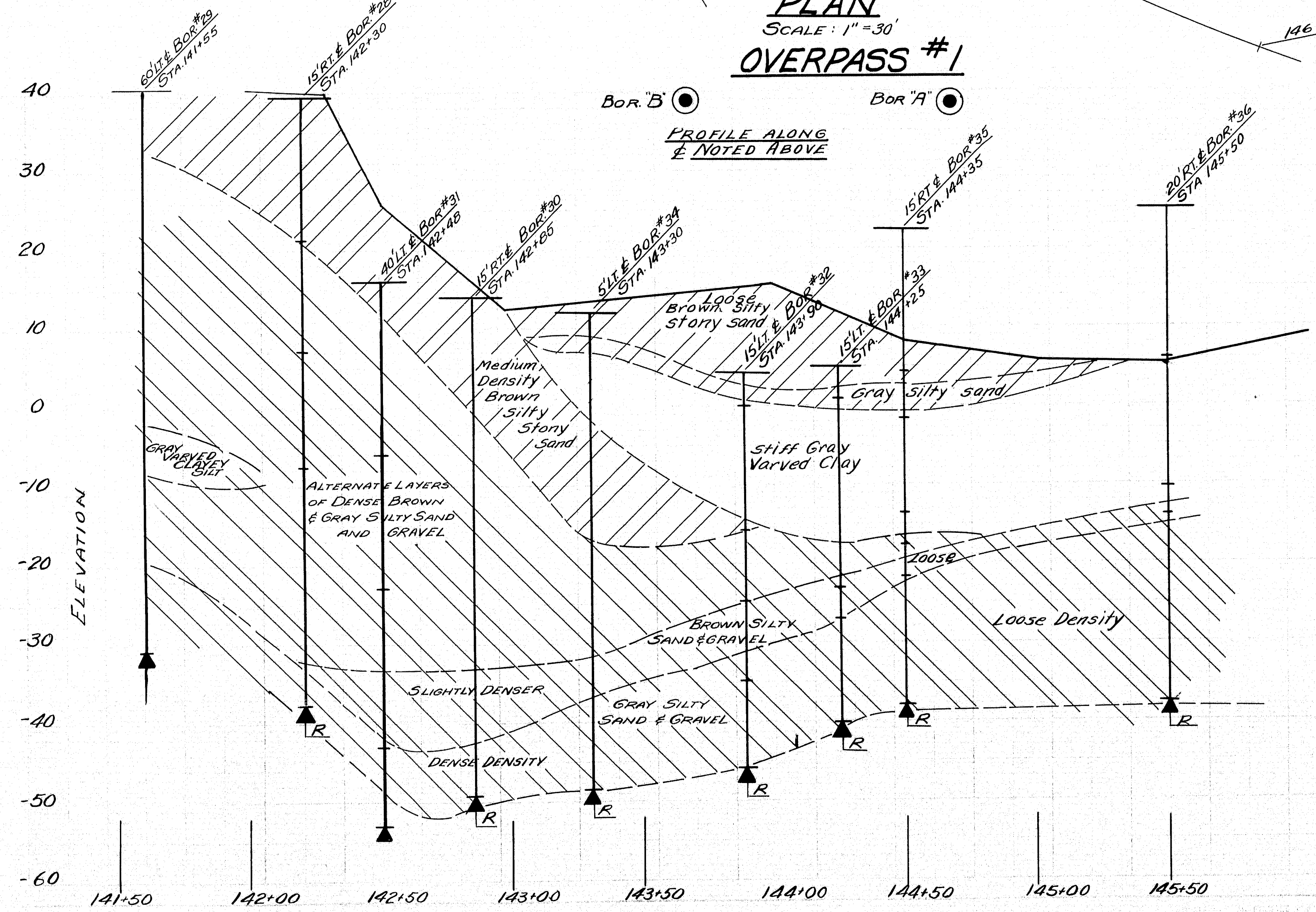
Sheet 4 of 166
OCT. 1957

FED. AID PROJ. NO.	STATE	SHEET NO.	TOTAL SHEETS
1	MAINE	5	166

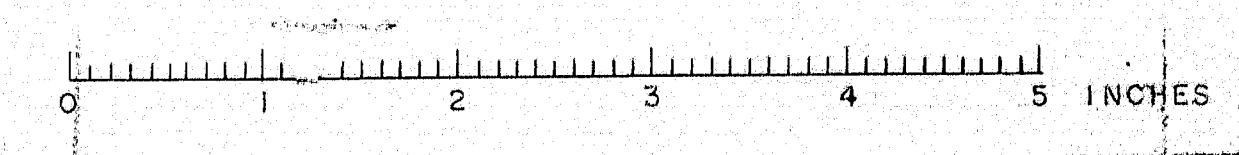
1-B95-3(4) 50



PLAN
SCALE: 1" = 30'
OVERPASS #1

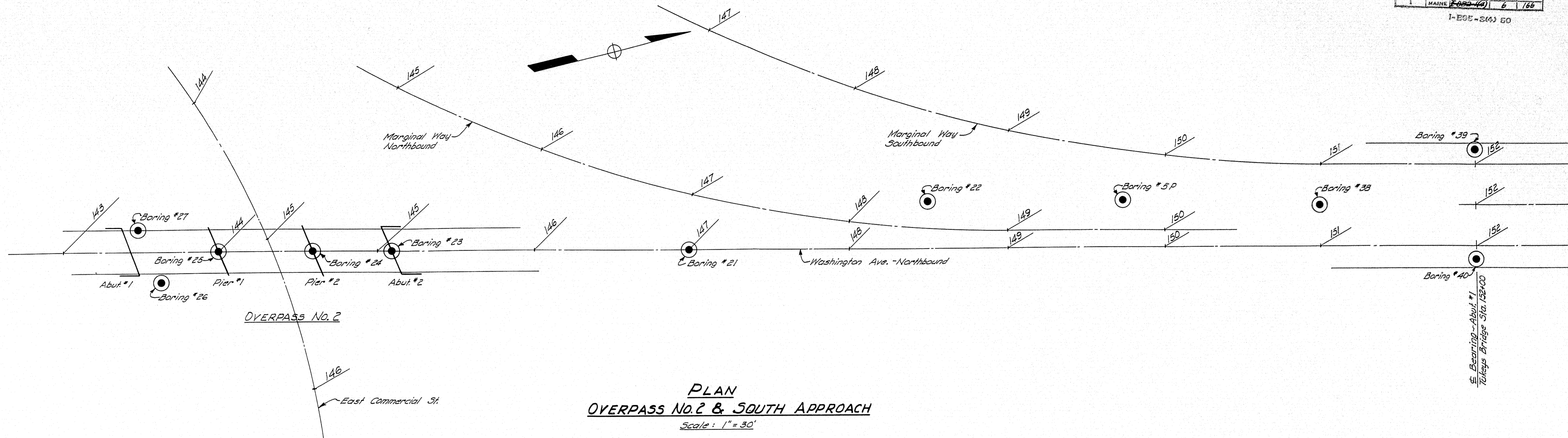


DESIGN CHECK	TRACE - SIROIS	BRIDGE NO.
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
TUKEYS BRIDGE		
OVER		
BACK COVE		
IN THE CITY OF		
PORTLAND COUNTY		
SOILS PROFILE, OVERPASS No. 1		
SHEET 5 OF 166	AUGUSTA MAINE	OCT. 1957

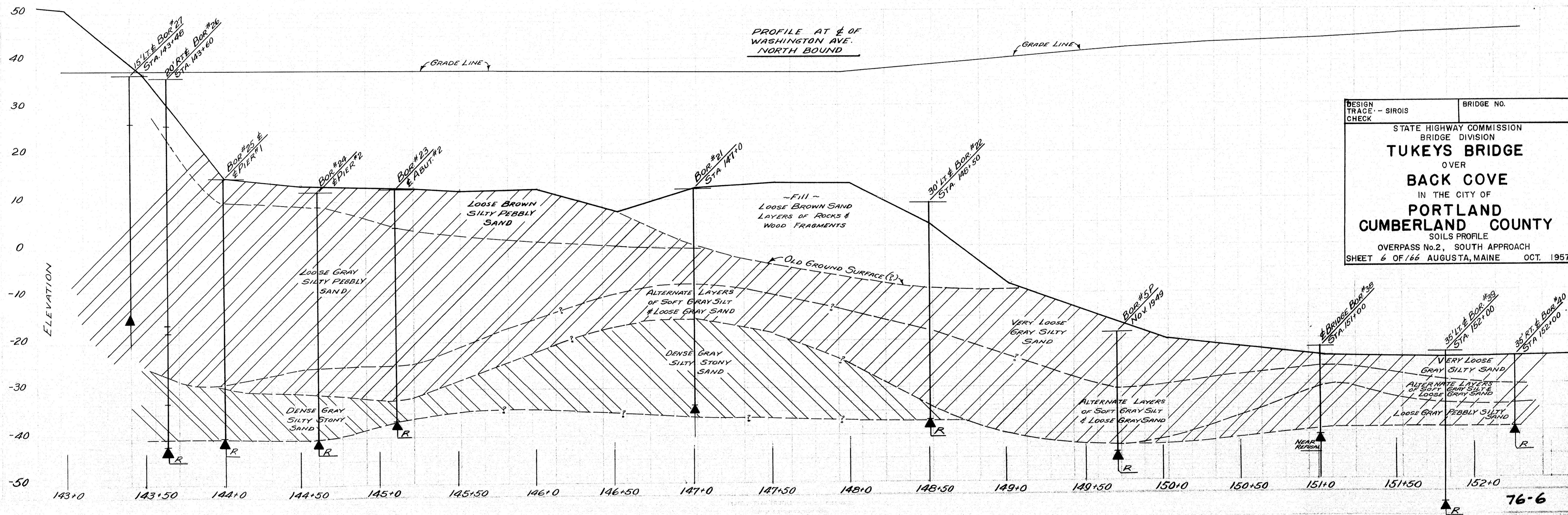


S.P.R.	STATE	FED. AID	SHEET	TOTAL
REG. NO.	NO.	NO.	NO.	SHEETS
	MAINE	2-652-40	6	66

I-EGE-2(6) 60

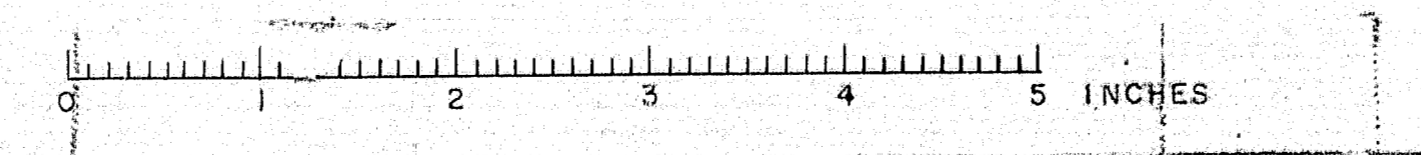


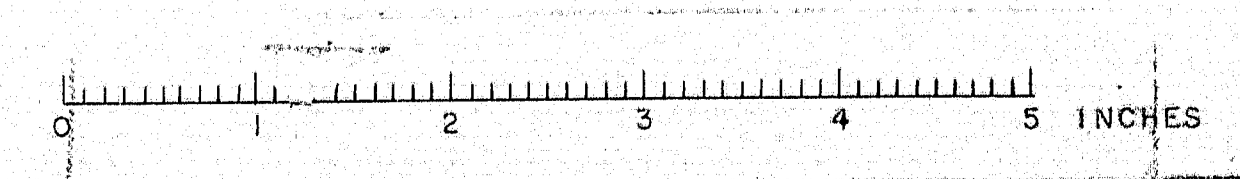
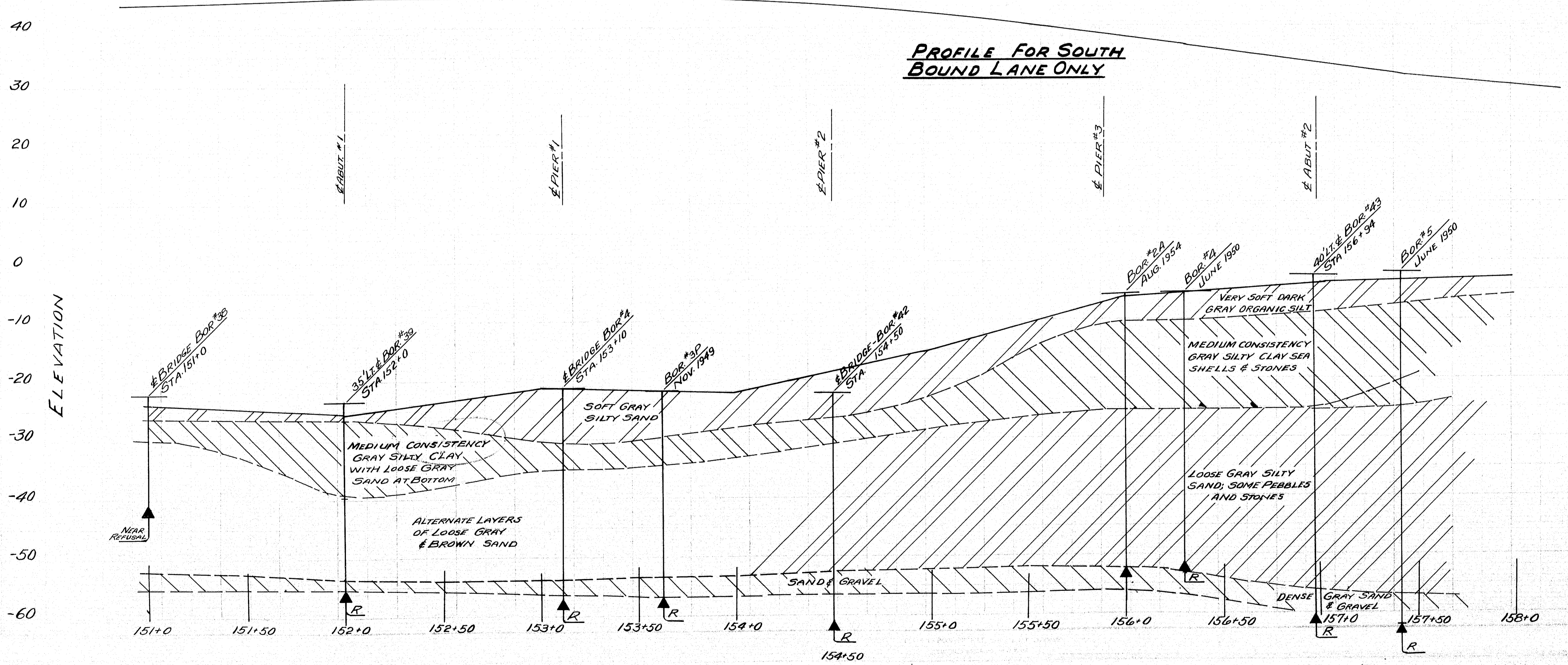
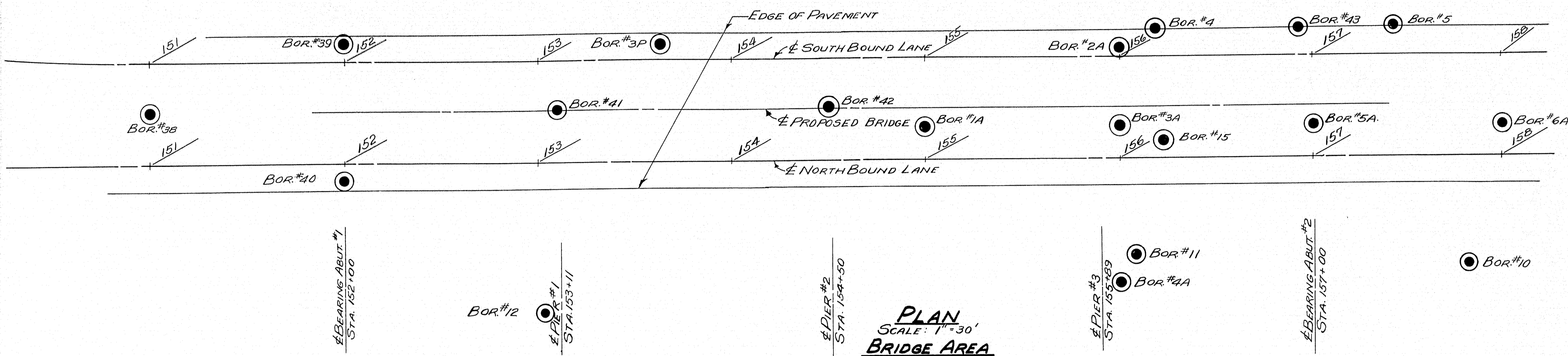
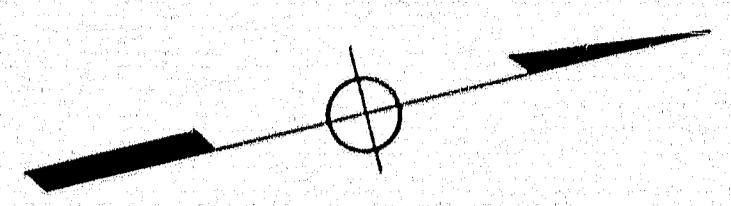
PLAN
OVERPASS NO. 2 & SOUTH APPROACH
 Scale: 1" = 30'



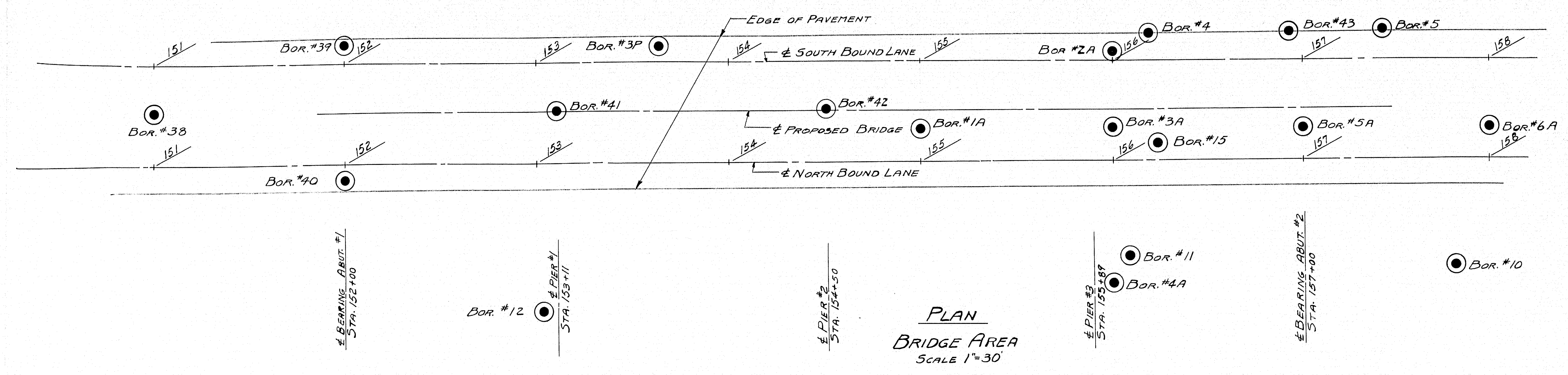
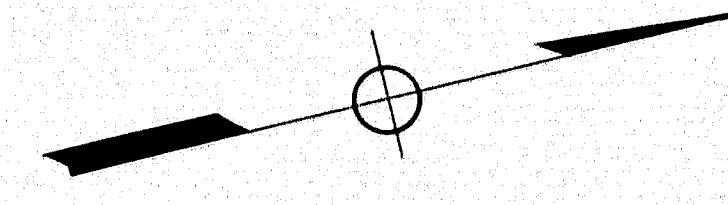
DESIGN TRACE - SIROIS CHECK	BRIDGE NO.
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
SOILS PROFILE	
OVERPASS No. 2, SOUTH APPROACH	
SHEET 6 OF 66 AUGUSTA, MAINE OCT. 1957	

76-6

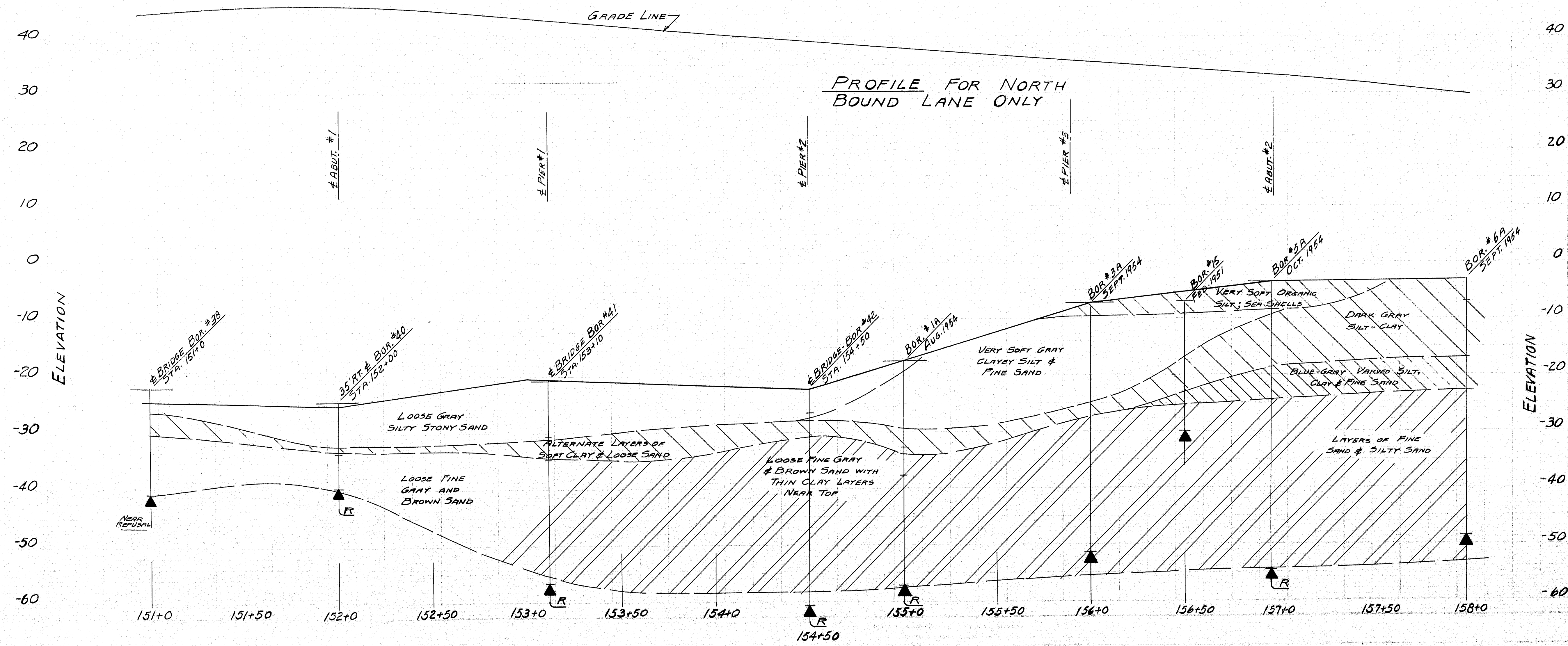




DESIGN	SIROIS
TRACE	CHECK
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
SOILS PROFILE	
TUKEYS BRIDGE, SOUTHBOUND LANE	
SHEET 7 OF 166	AUGUSTA, MAINE OCT. 1957

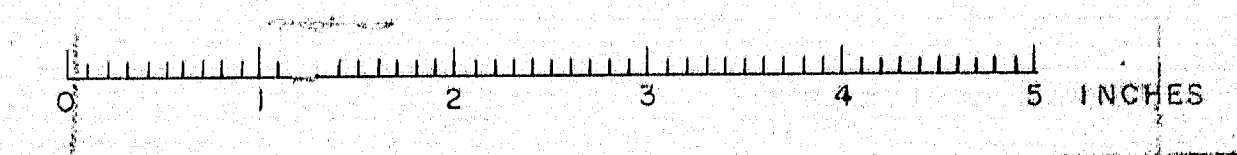


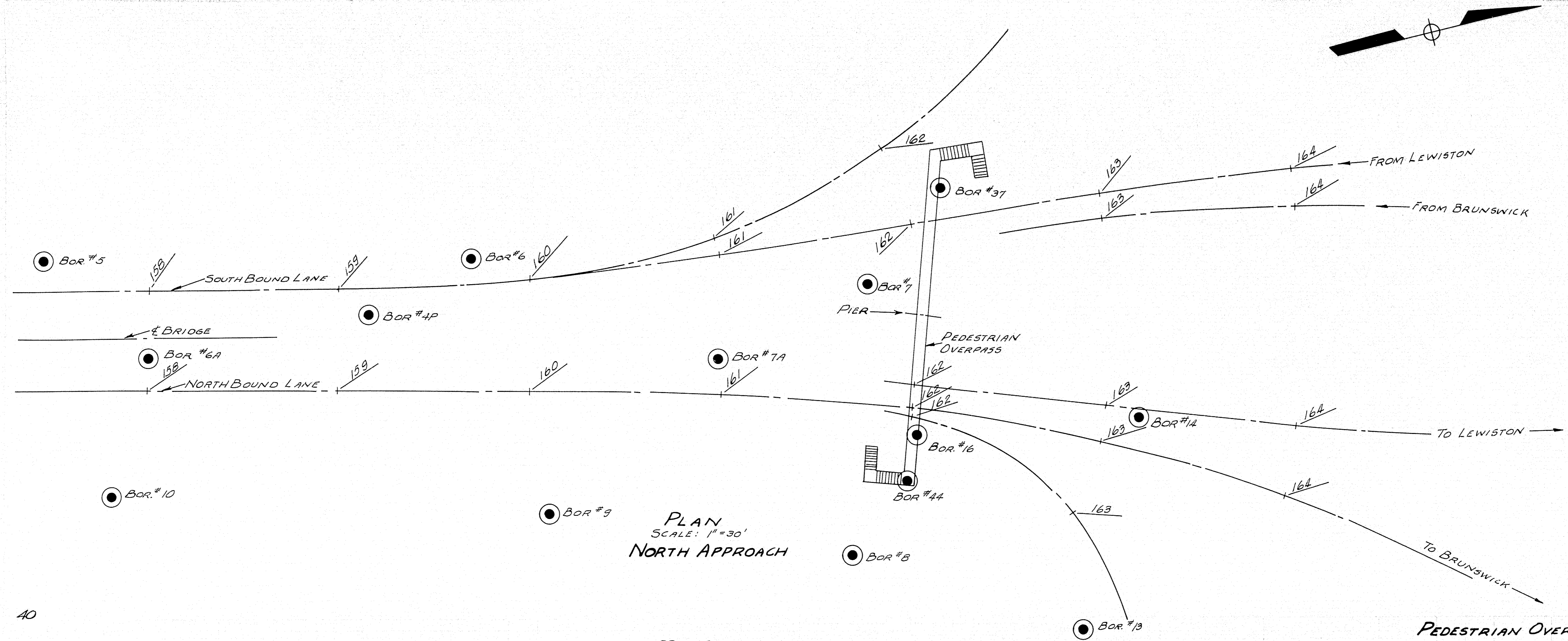
PLAN
BRIDGE AREA
SCALE 1"=30'



PROFILE FOR NORTH
BOUND LANE ONLY

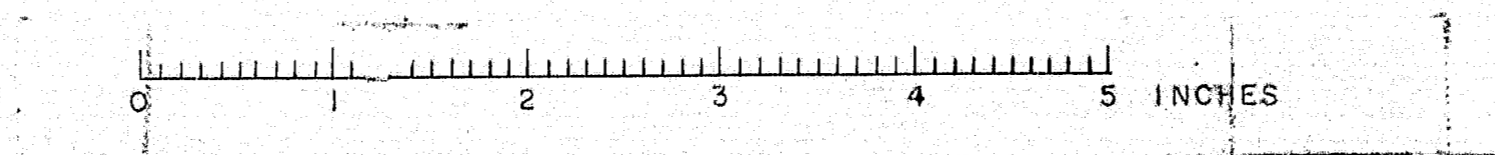
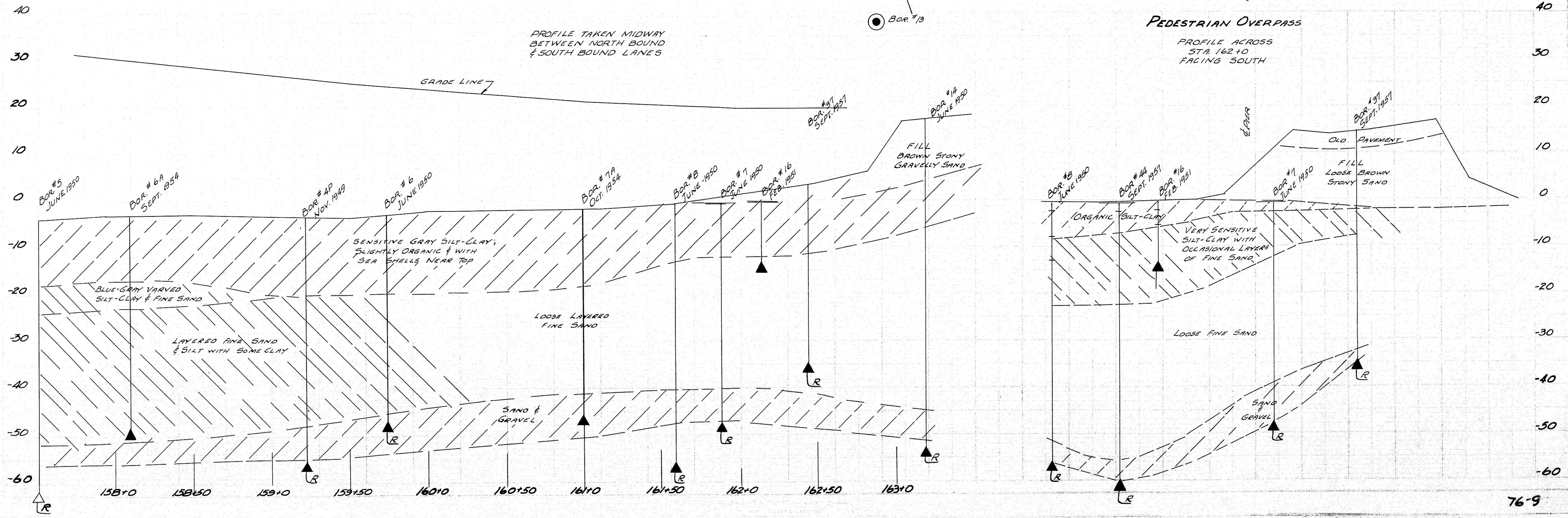
DESIGN TRACE - JONES CHECK	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER	
BACK COVE IN THE CITY OF	
PORTLAND CUMBERLAND COUNTY	
SOILS PROFILE	
TUKEYS BRIDGE - NORTHBOUND LANE	
SHEET 8 OF 166	AUGUSTA, MAINE OCT. 1957

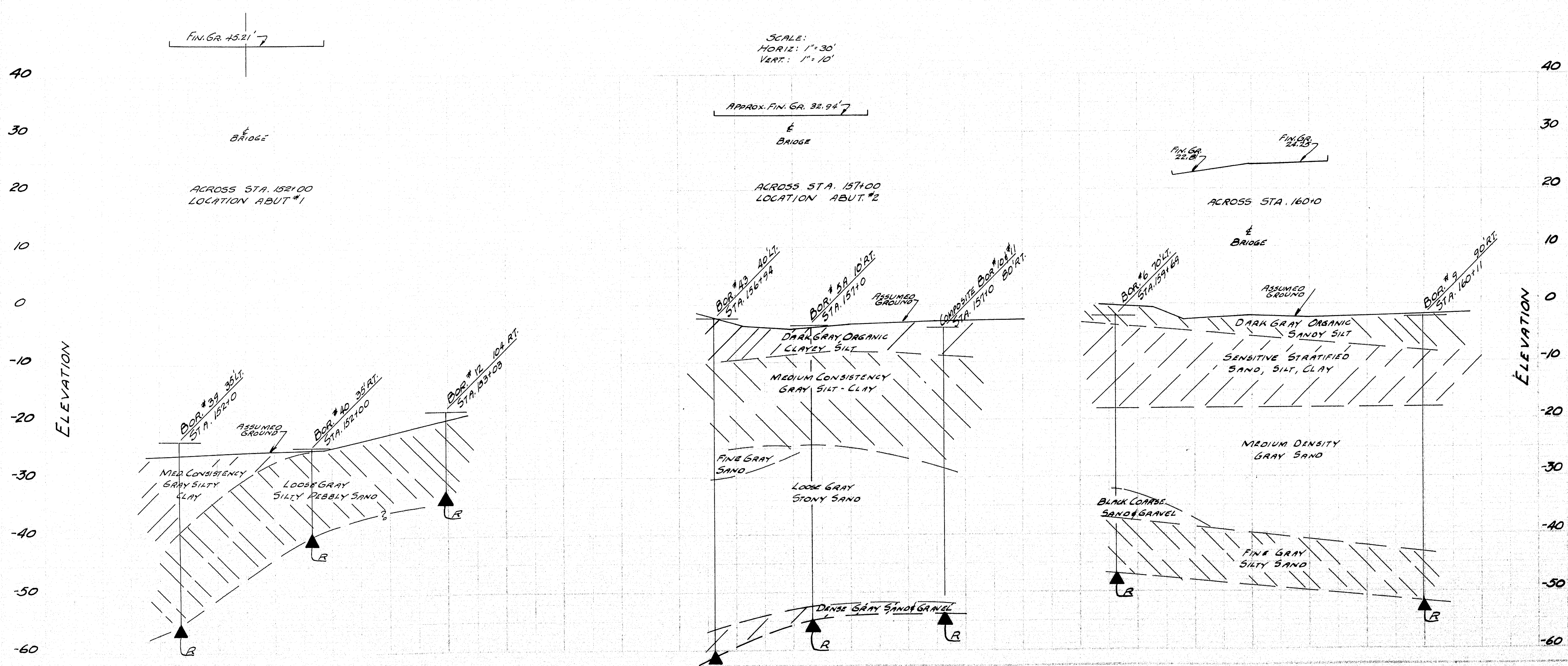




PLAN
SCALE: 1"=30'
NORTH APPROACH

DESIGN TRACE - MURRELL CHECK	BRIDGE NO.
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND COUNTY	
SOILS PROFILE	
NORTH APPROACH & PEDESTRIAN OVERPASS	
SHEET 9 OF 166 AUGUSTA, MAINE	OCT. 1957



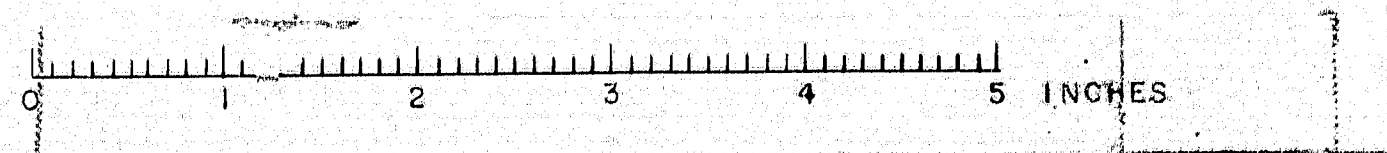


SCALE:
HORIZ: 1"=30'
VERT: 1"=10'

APPROX. FIN. GR. 32.947
BRIDGE

FIN. GR. 22.87
BRIDGE

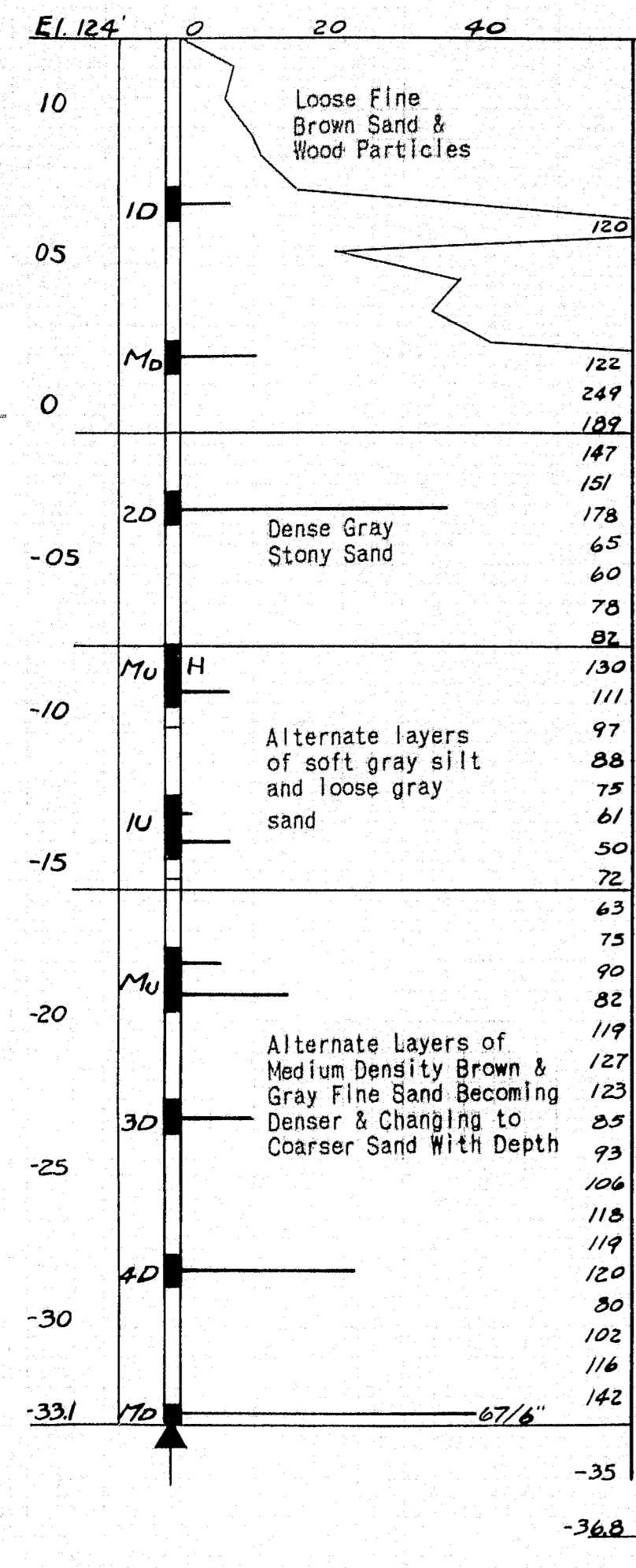
DESIGN TRACE - CHECK	MURRELL	BRIDGE NO.
STATE HIGHWAY COMMISSION BRIDGE DIVISION TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY SOILS PROFILE TRANSVERSE SECTIONS STA. 1521.00, 1571.00, 1601.00 SHEET 10 OF 166 AUGUSTA, MAINE OCT. 1957		



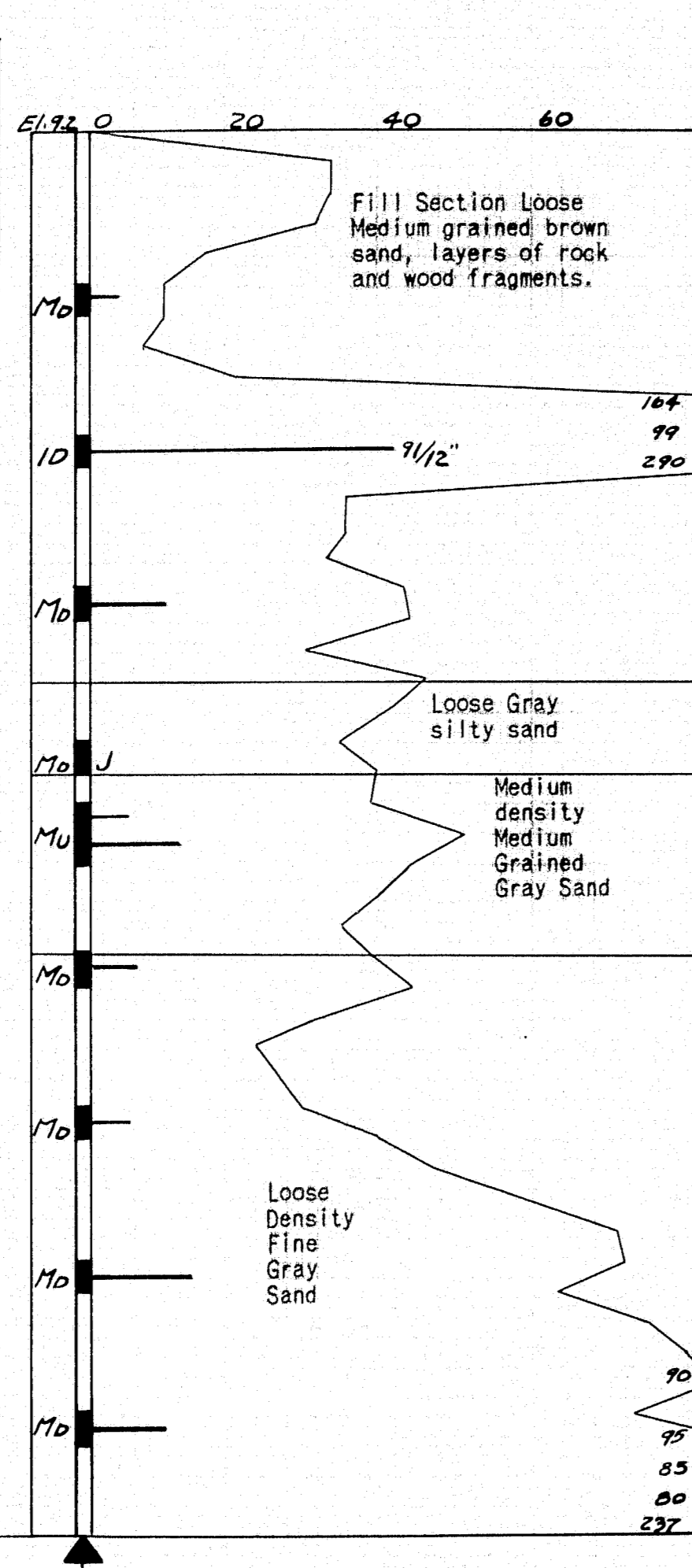
D. P. R.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	1-105-141	11	166

35
30
25
20
15
10
05
0
-05
-10
-15
-20
-25
-30
-35
-40

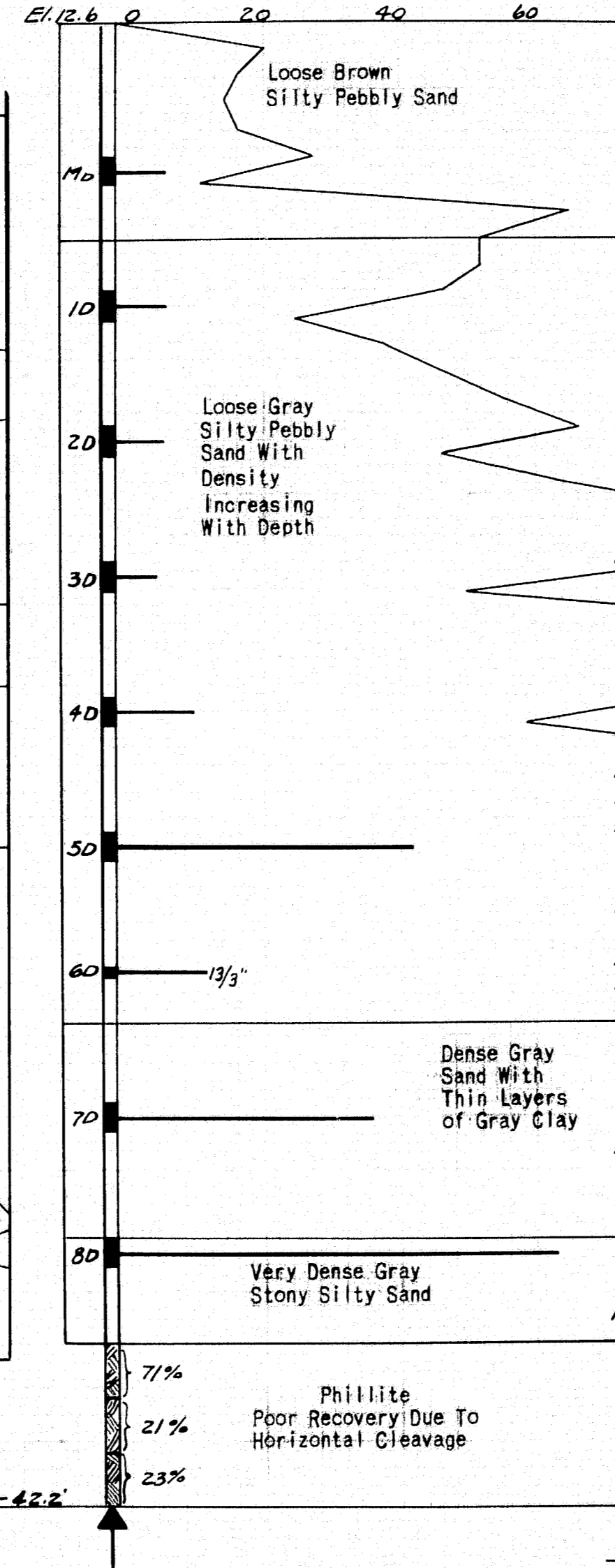
BORING No. 21
 STA. 141 + 0 - E OVERPASS #2



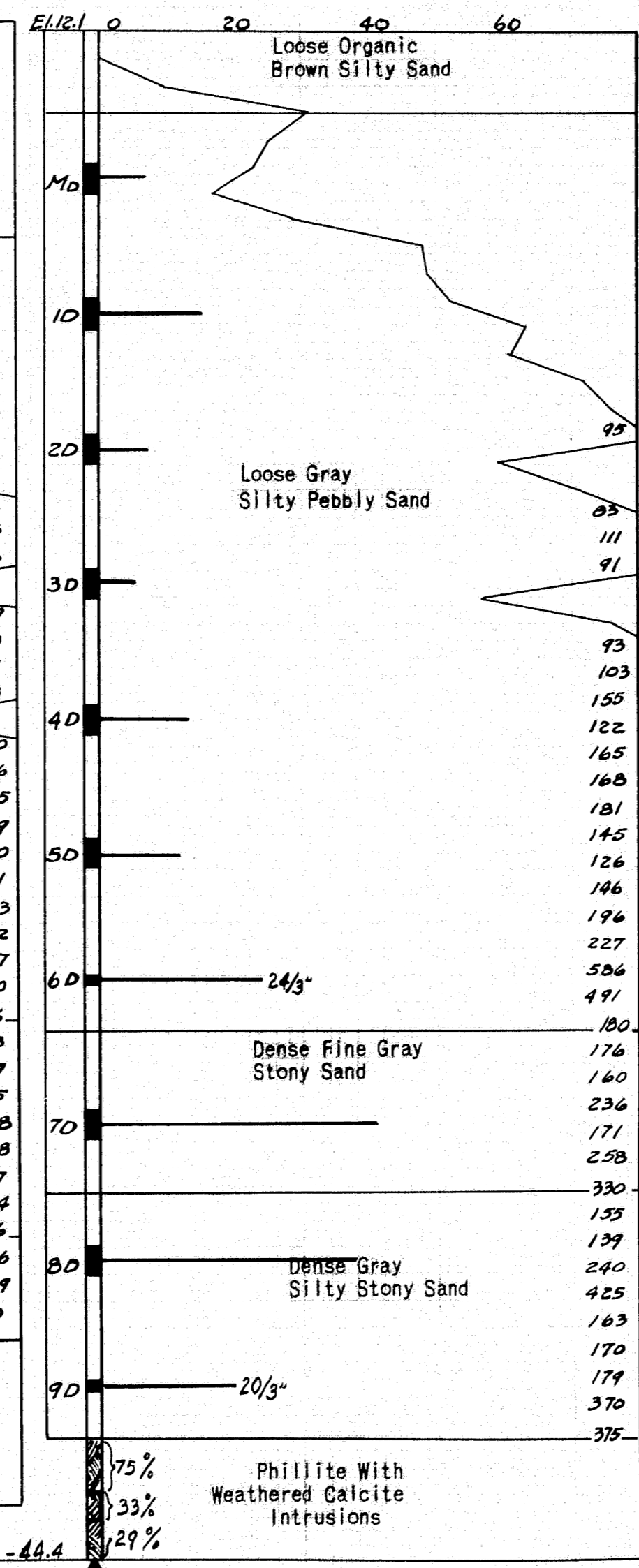
BORING NO. 22
 STA. 148 + 50 30' LT. CENTER LINE
 DRIVING RESISTANCE (BLOWS/FT.)



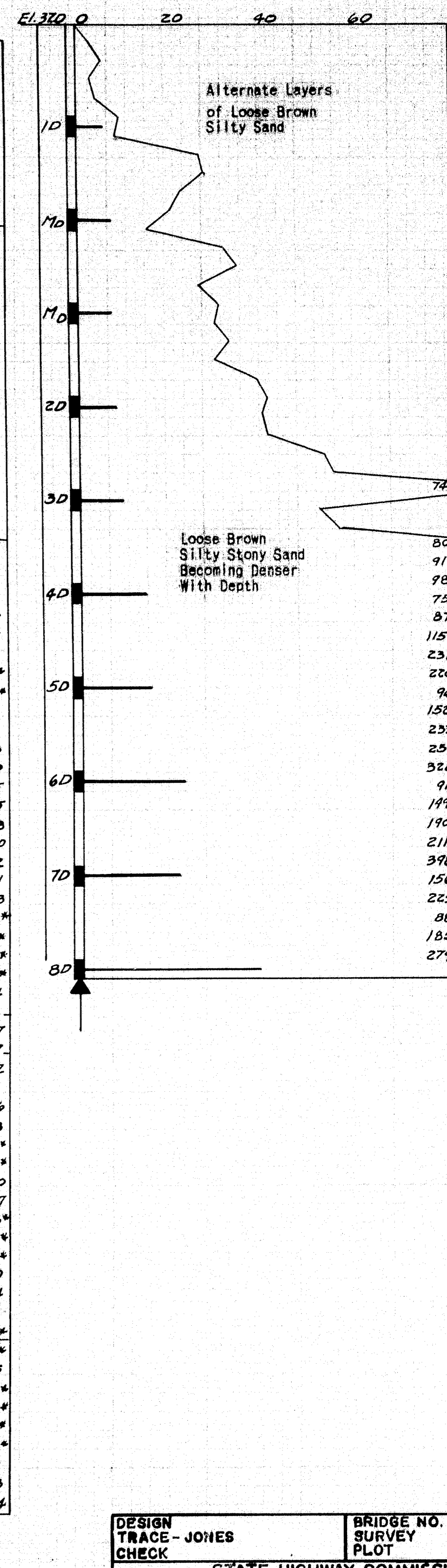
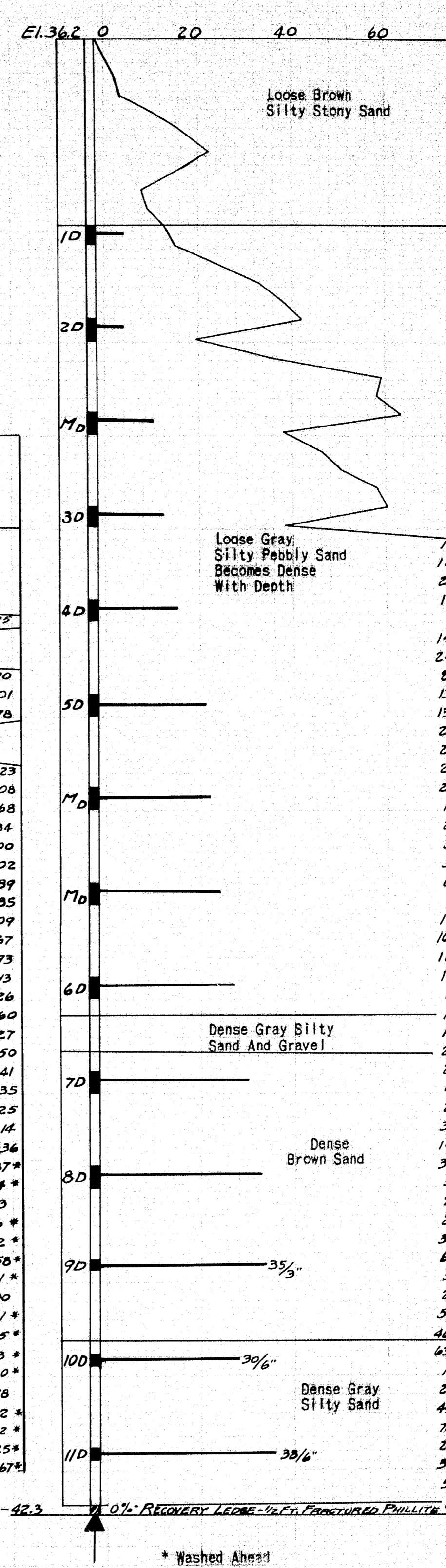
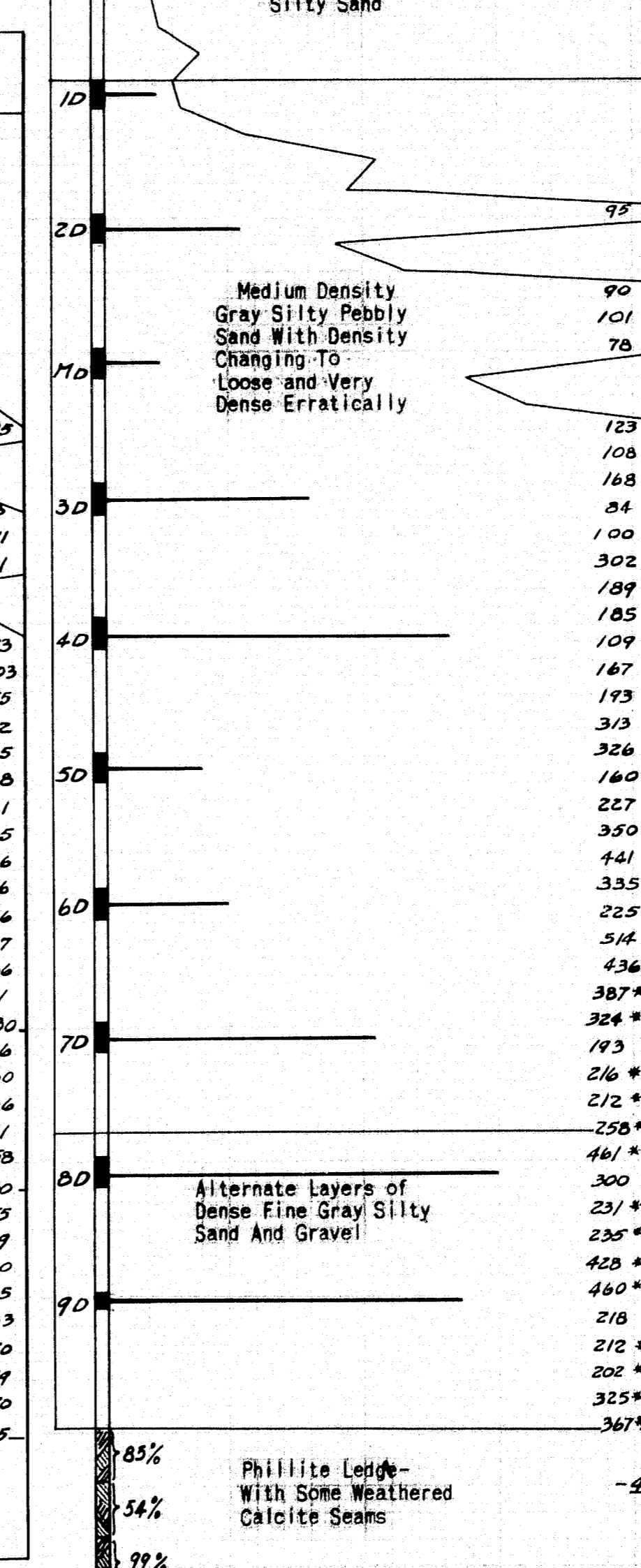
BORING NO. 23
 CENTER LINE ABUT. #2, OVERPASS #2



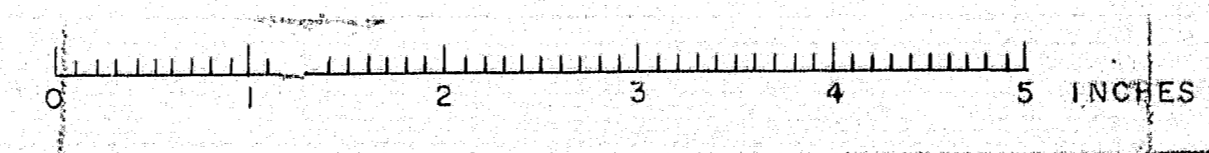
BORING NO. 24
 CENTER LINE PIER #2 OVERPASS #2

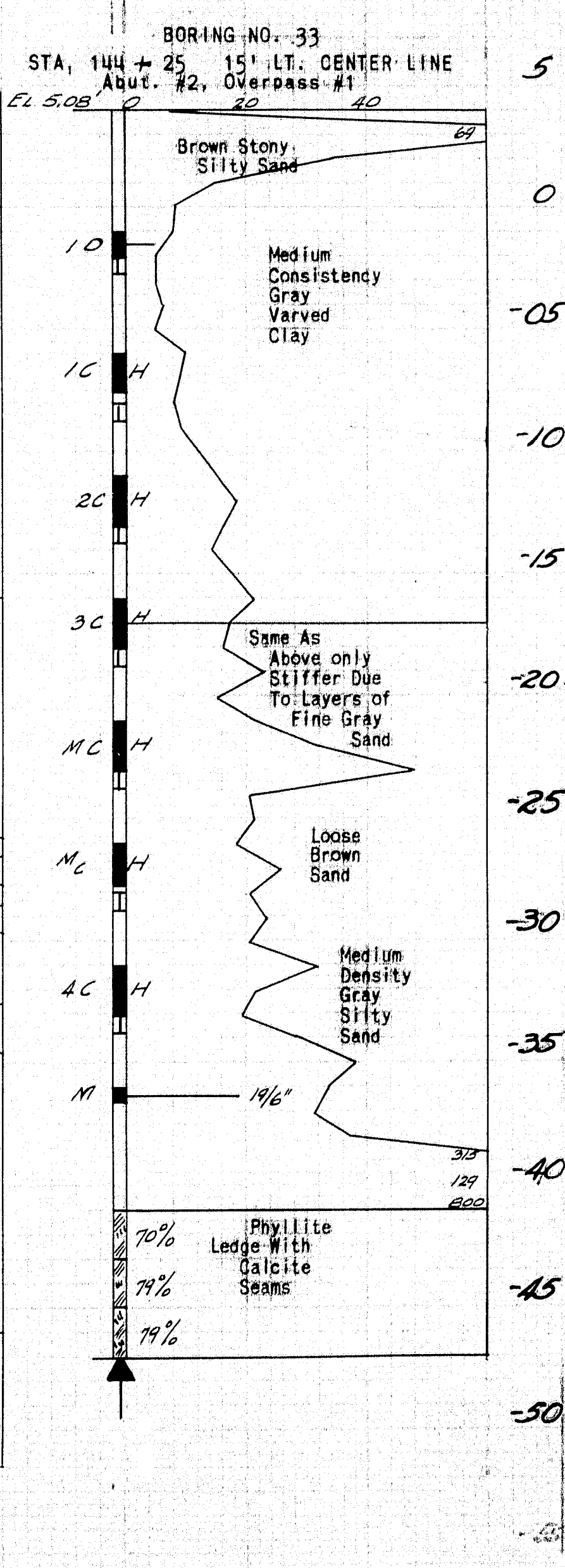
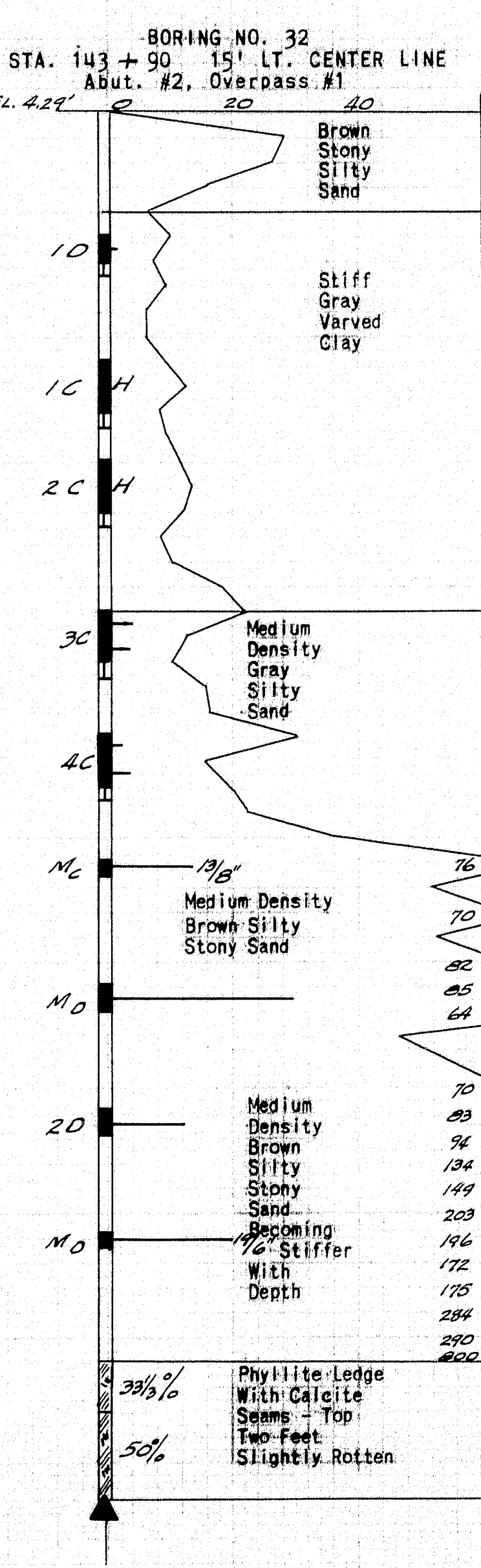
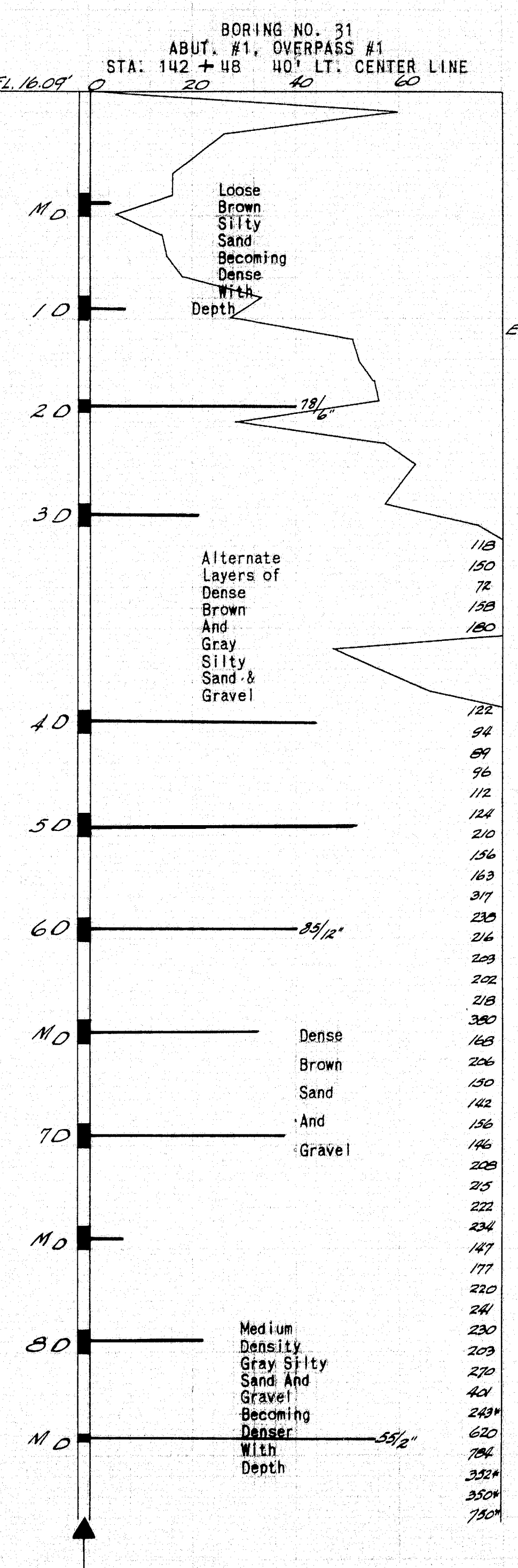
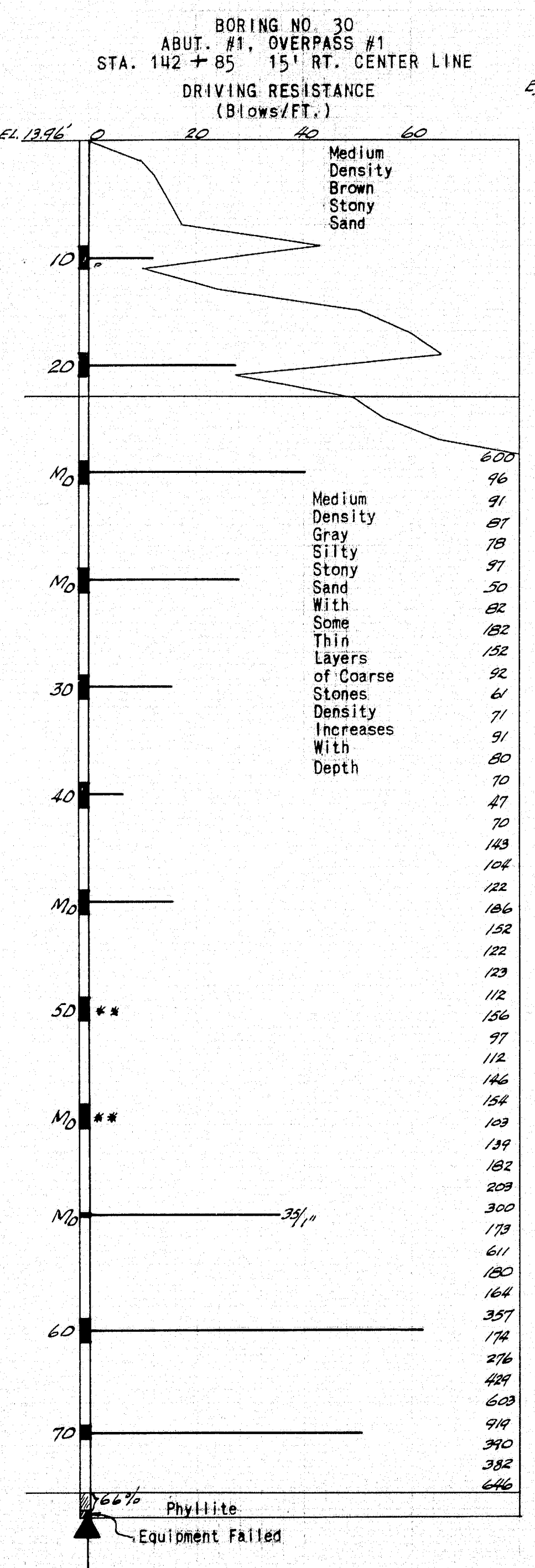
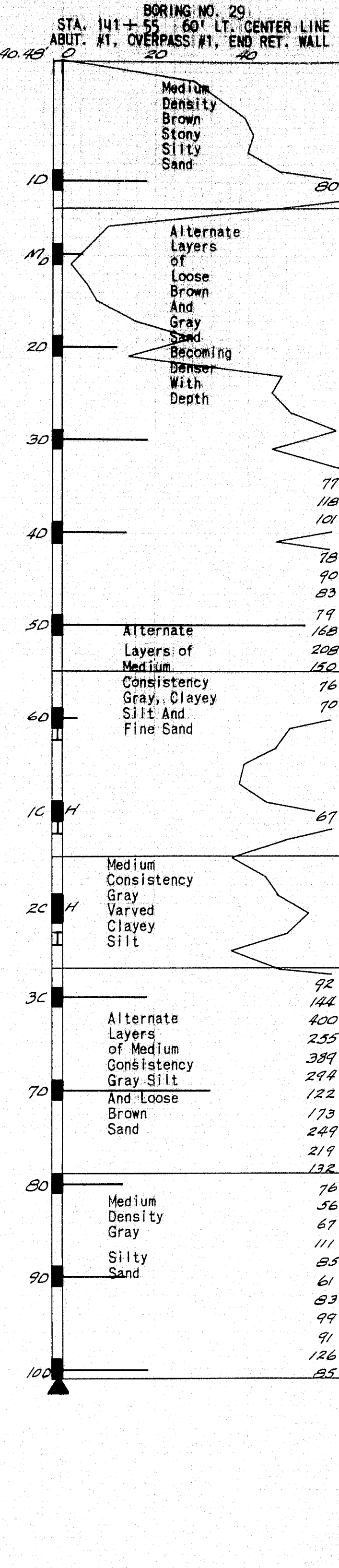
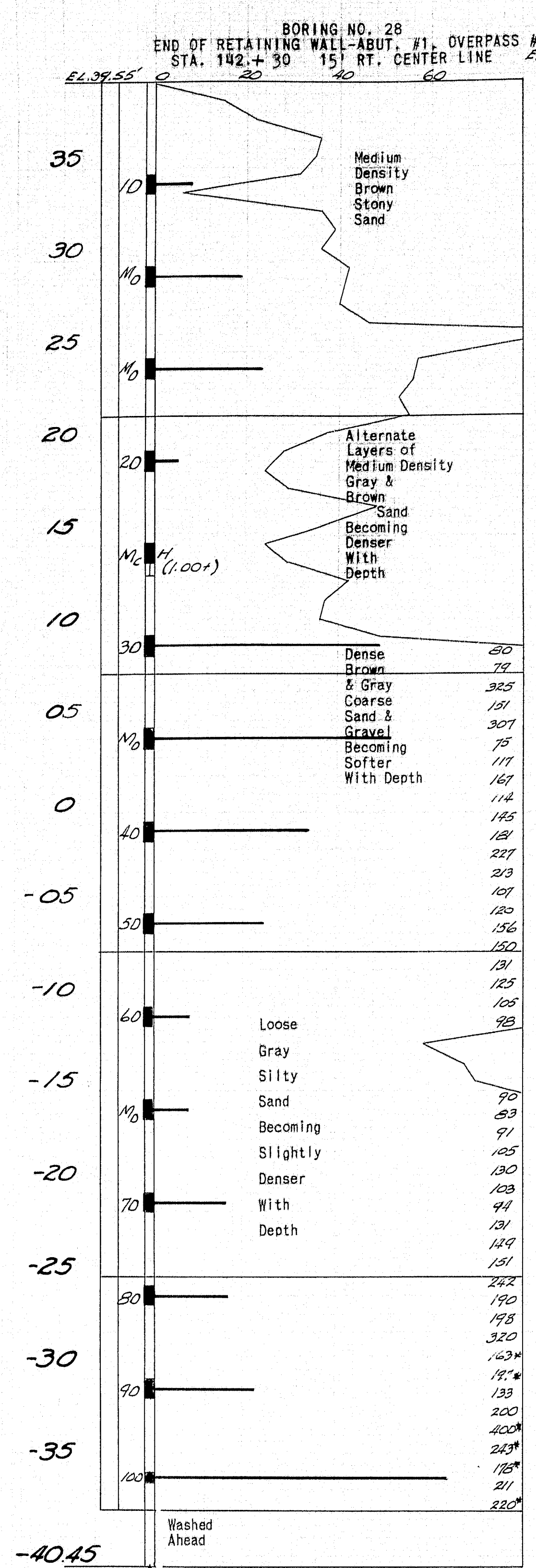


BORING NO. 25
 CENTER LINE PIER #1, OVERPASS #2

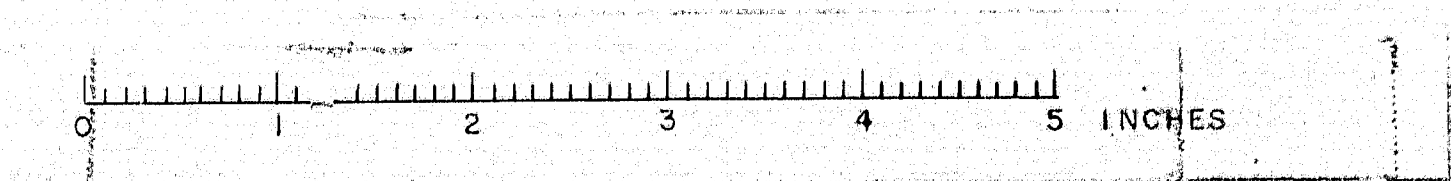


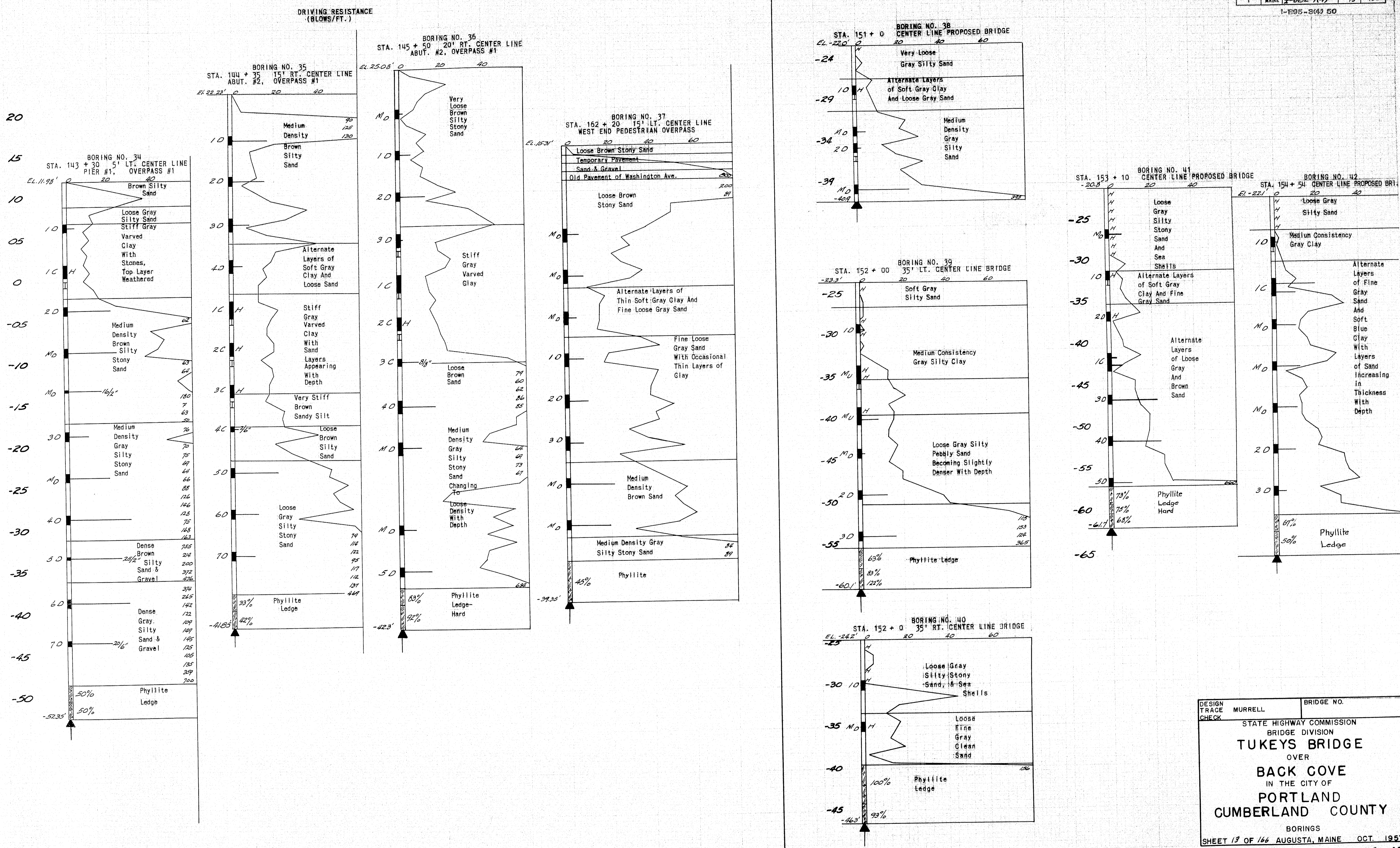
DESIGN TRACE - JONES CHECK
 BRIDGE NO. SURVEY PLOT
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 BORINGS
 SHEET 11 OF 166 AUGUSTA MAINE OCT. 1957



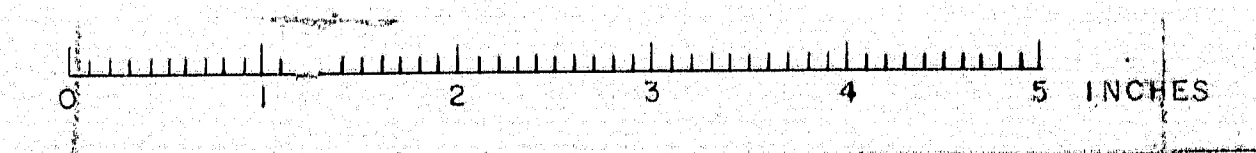


DESIGN TRACE - MURRELL	BRIDGE NO.
CHECK	
STATE HIGHWAY COMMISSION BRIDGE DIVISION TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
BORINGS	
SHEET 12 OF 166 AUGUSTA, MAINE OCT. 1957	





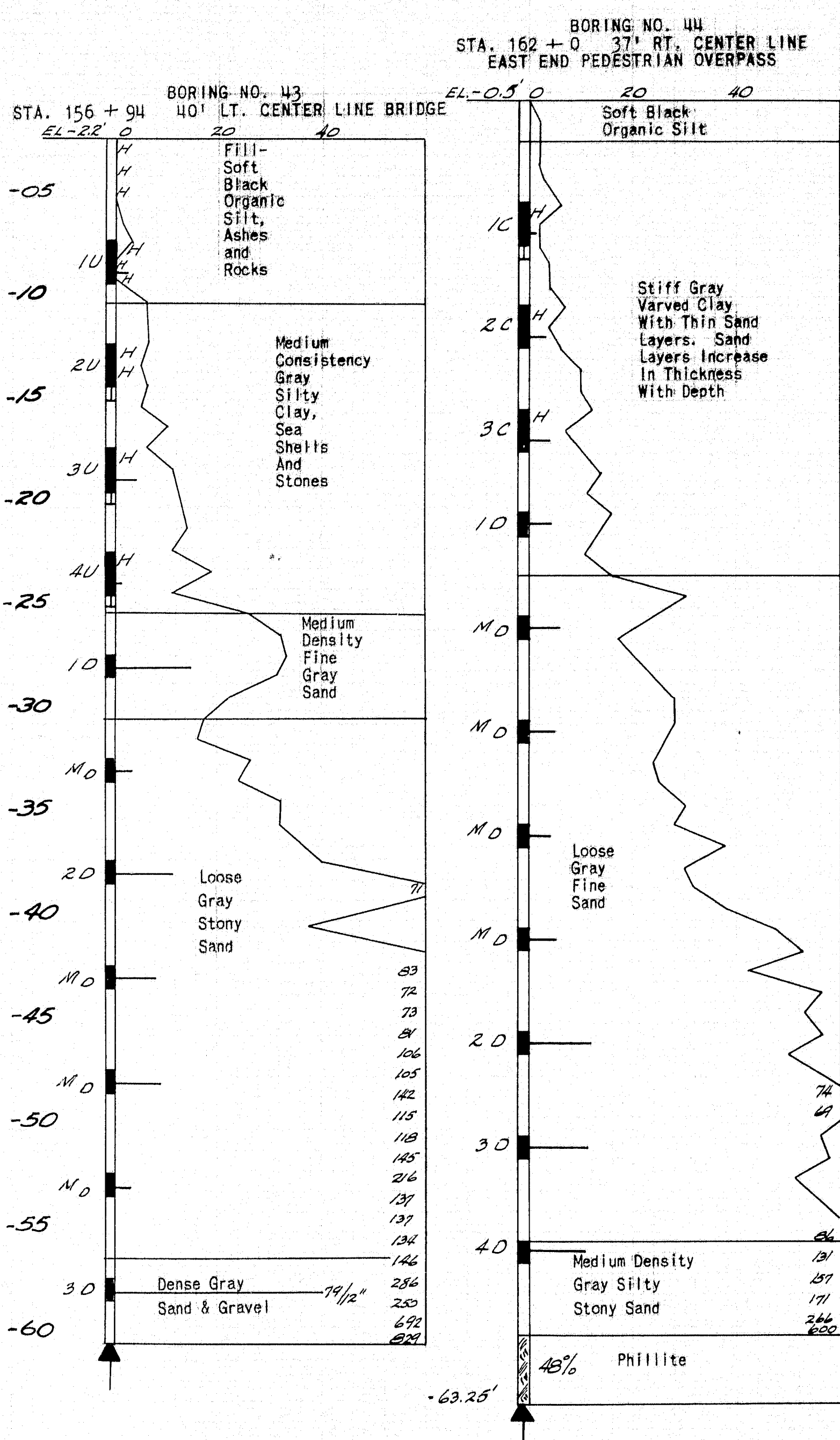
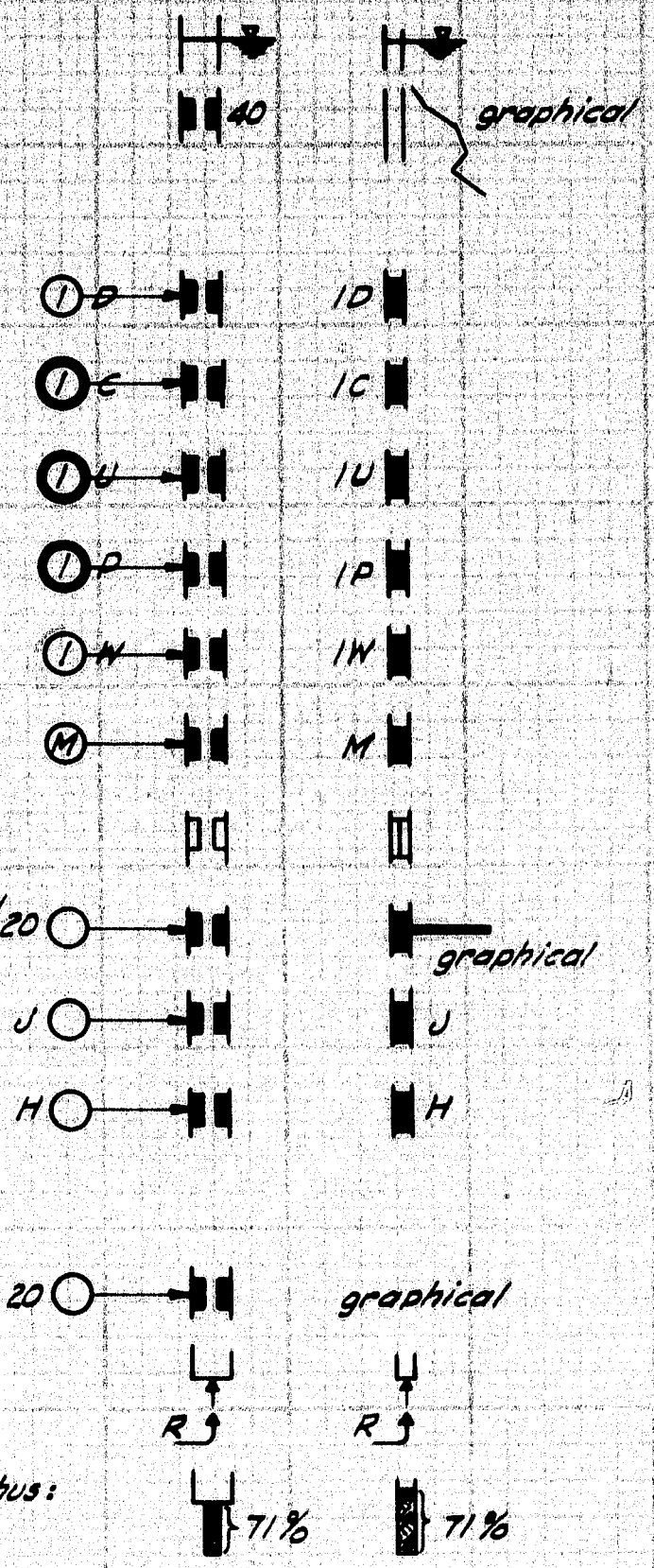
DESIGN	MURRELL	BRIDGE NO.
TRACE		
CHECK		
STATE HIGHWAY COMMISSION		
BRIDGE DIVISION		
TUKEYS BRIDGE		
OVER		
BACK COVE		
IN THE CITY OF		
PORTLAND		
CUMBERLAND COUNTY		
BORINGS		
SHEET 13 OF 166	AUGUSTA, MAINE	OCT. 1957



BORING NOTES

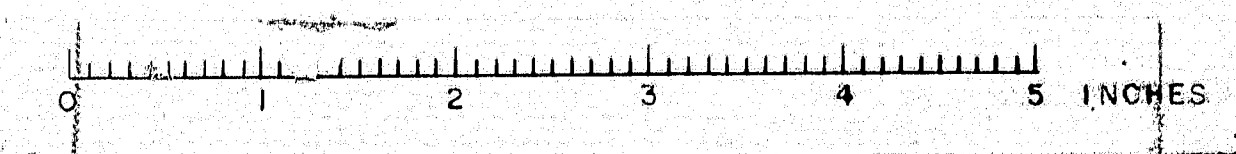
LOG SHEETS DETAIL SHEETS

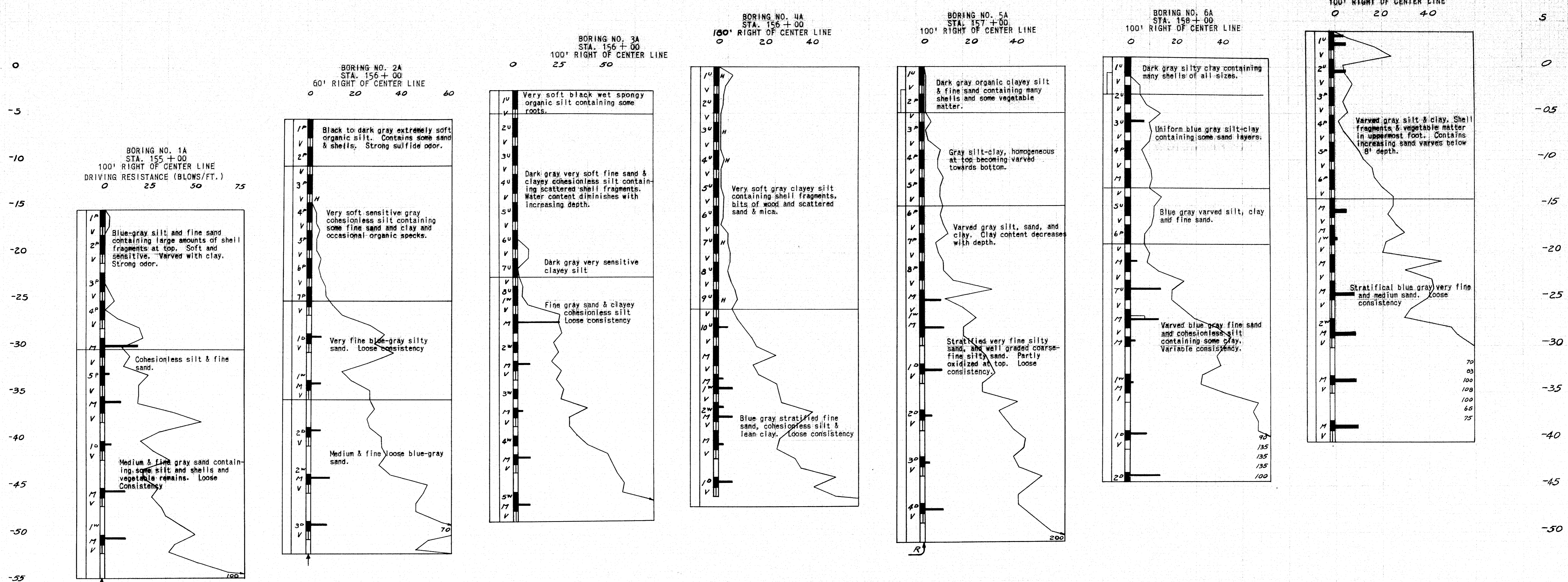
- Scales as noted on drawings.
- Casing size as noted on drawings.
- Ground water table indicated thus:
- Number of blows of 275# hammer falling 18 inches, required to drive extra heavy casing one foot thus:
- W, S, or V indicates respectively that the hole was washed, sampled, or varied diameter of casing.
- Location and designation of "dry" samples taken in S&H sampler *1280's indicated thus:
- Location and designation of "dry" samples taken in 2" O.D. 18 ga. seamless tubing indicated thus:
- Location and designation of "dry" samples taken in 3/4" O.D. 16 ga. seamless tubing indicated thus:
- Location and designation of 3/8" O.D. "dry" samples taken with piston sampler indicated thus:
- Location and designation of wash samples indicated thus:
- Unsuccessful attempts to secure dry sample indicated thus:
- Location of field vane test indicated thus:
- Number of blows of 275# hammer falling 15" required to drive spoon or tubing one foot indicated thus:
- Sampling spoon or seamless tubing driven by static load not exceeding 1/2 ton indicated thus:
- Sampling spoon or seamless tubing driven by static weight of drill rods and 275# hammer indicated thus:
- Where no resistance is specified spoon or tubing was driven by the static weight of drill rods.
- Natural water contents, given as percent of dry weight, are indicated thus:
- Bottom of boring indicated thus:
- Refusal of drill rods or casing indicated thus:
- % recovery of rock core by size "E" diamond bit thus:



DESIGN TRACE - MURRELL
CHECK

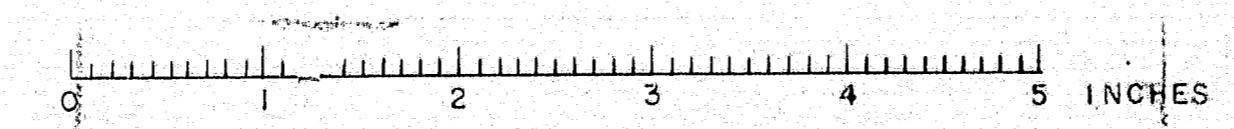
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
BORINGS
SHEET 14 OF 166 AUGUSTA, MAINE OCT. 1957



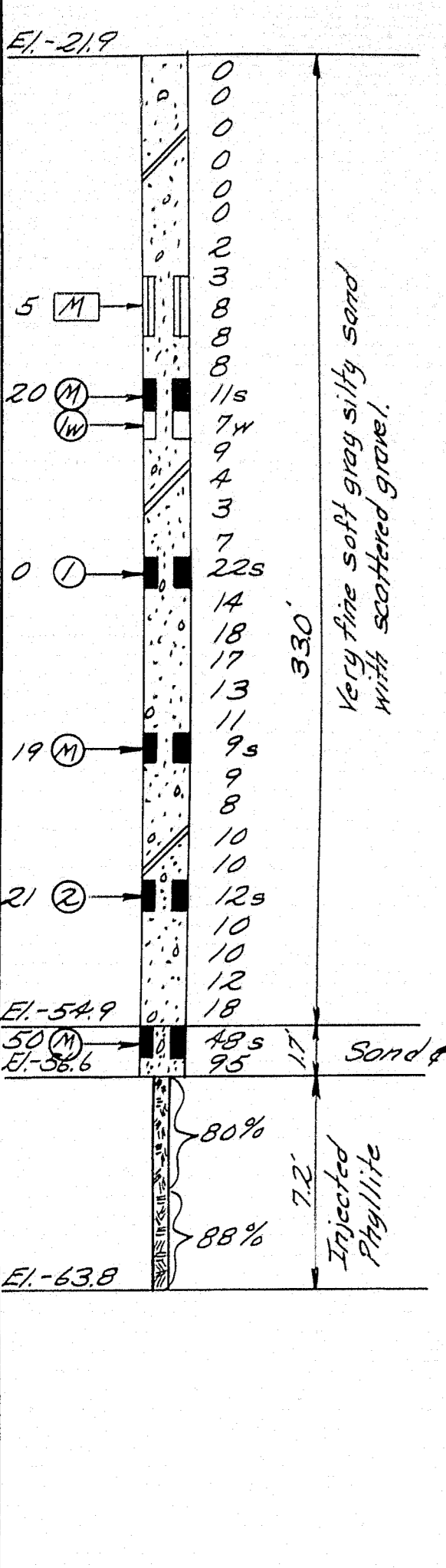


Note— Center Line refers to $\frac{1}{2}$ existing Tukeys Bridge
Datum for project is Mean Sea Level.
For Borings 1A thru 7A the datum is U.S. C. & G. S. thus making the elevations for these borings about 4.5 feet higher than other plan elevations.

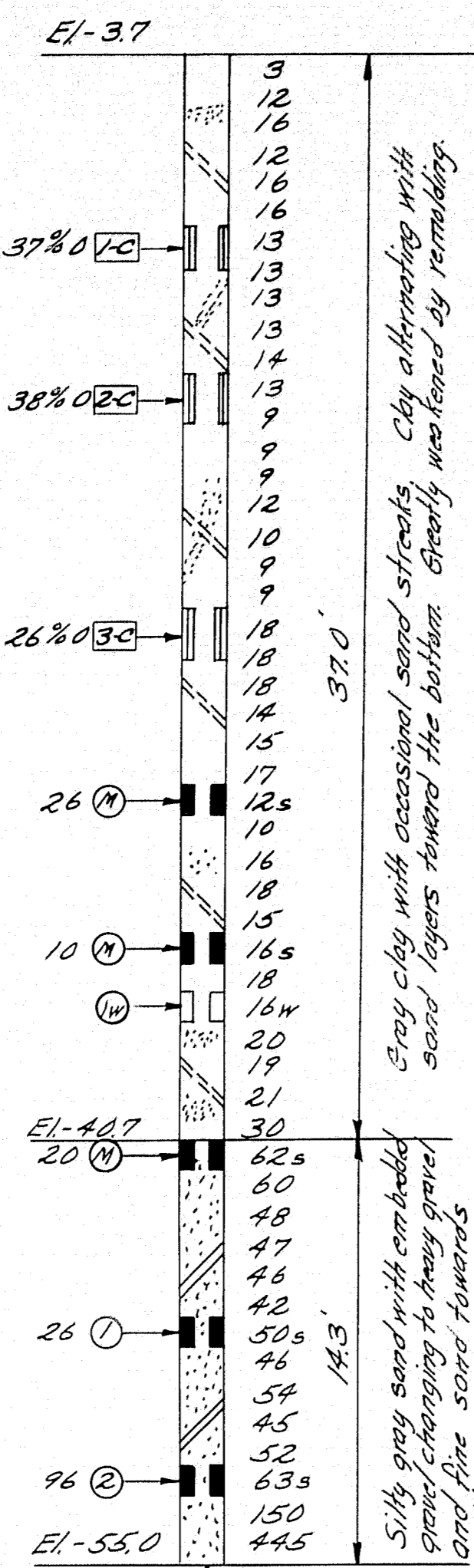
DESIGN TRACE—JONES CHECK	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
BORINGS	
SHEET 15 OF 166	AUGUSTA, MAINE OCT., 1957



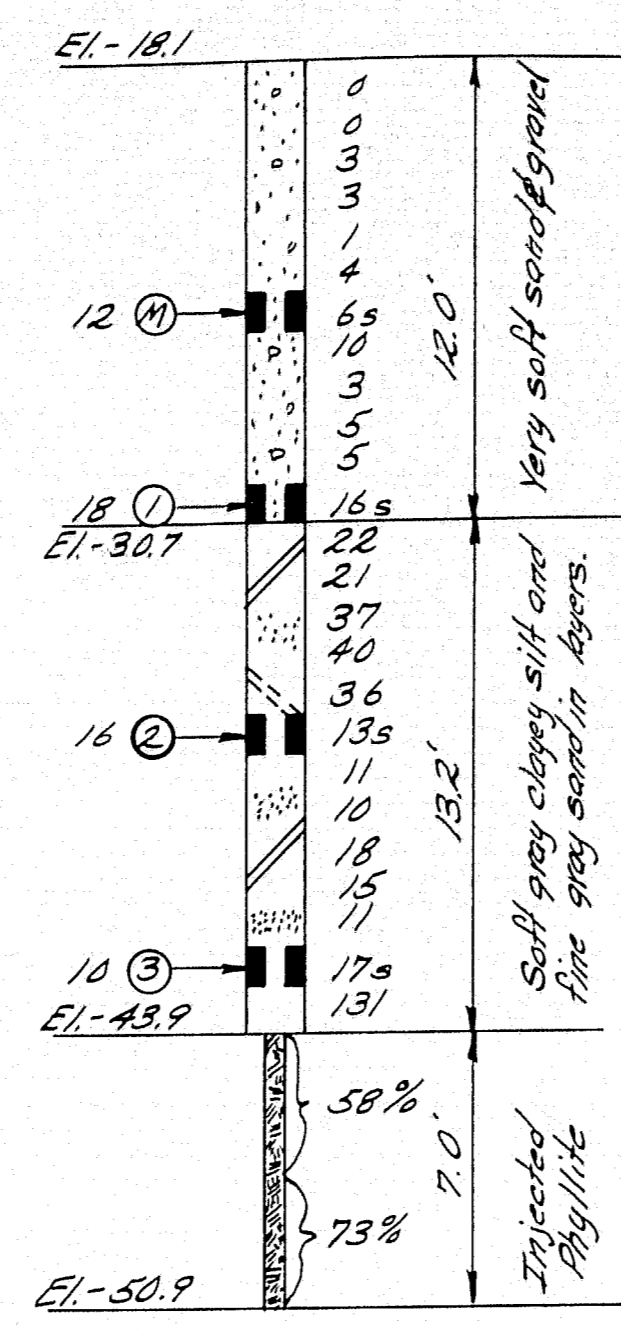
BORING 3P
Sta. 153+64 57' R



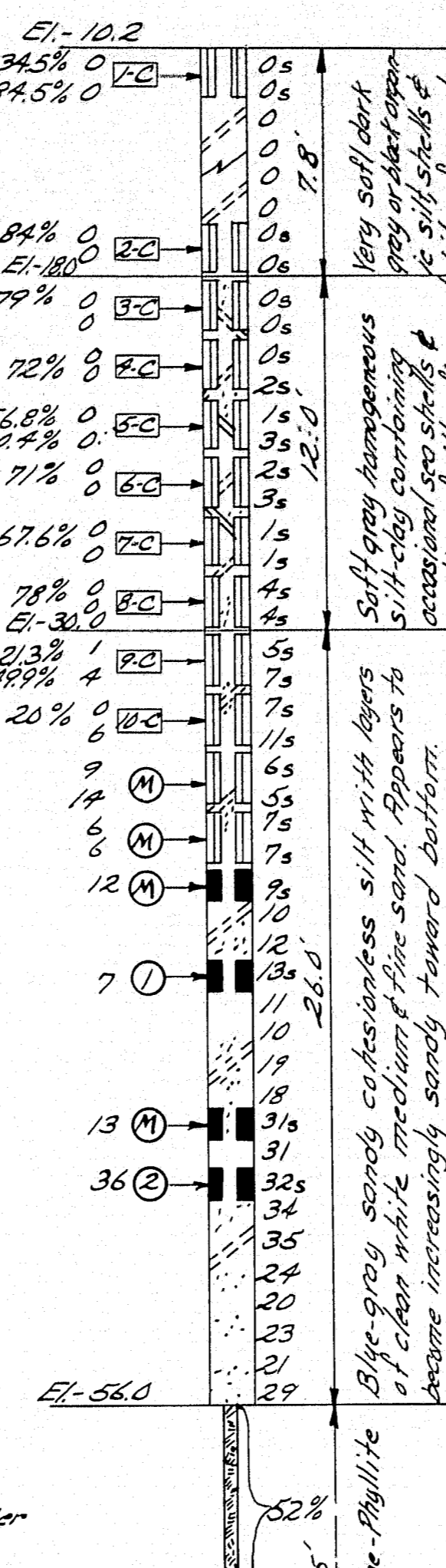
BORING 4P
Sta. 159+18 79' R



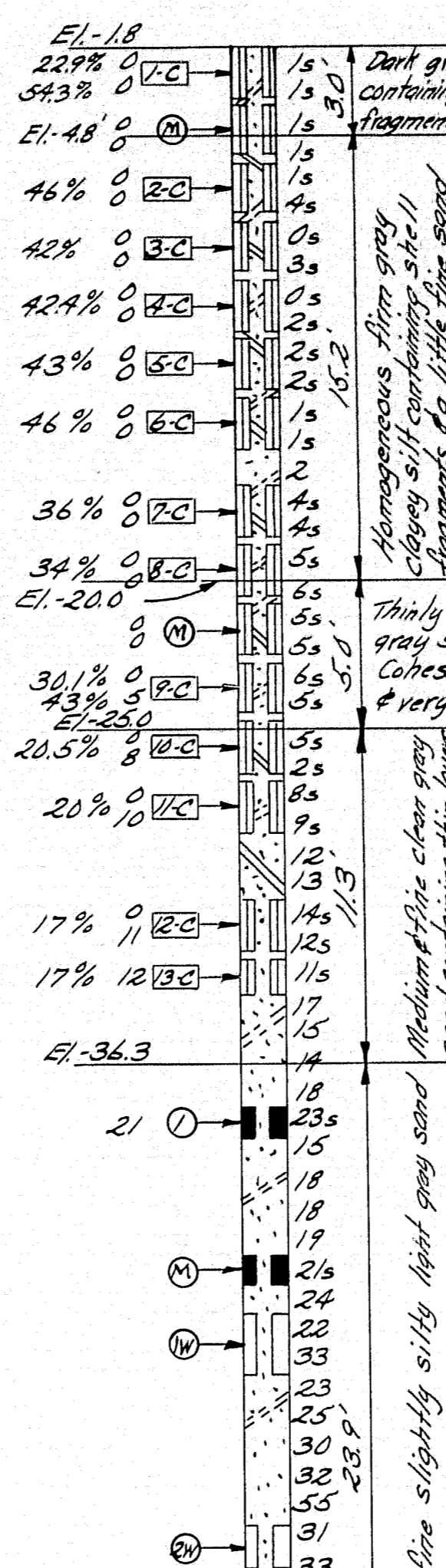
BORING 5P
Sta. 149+72 87' R



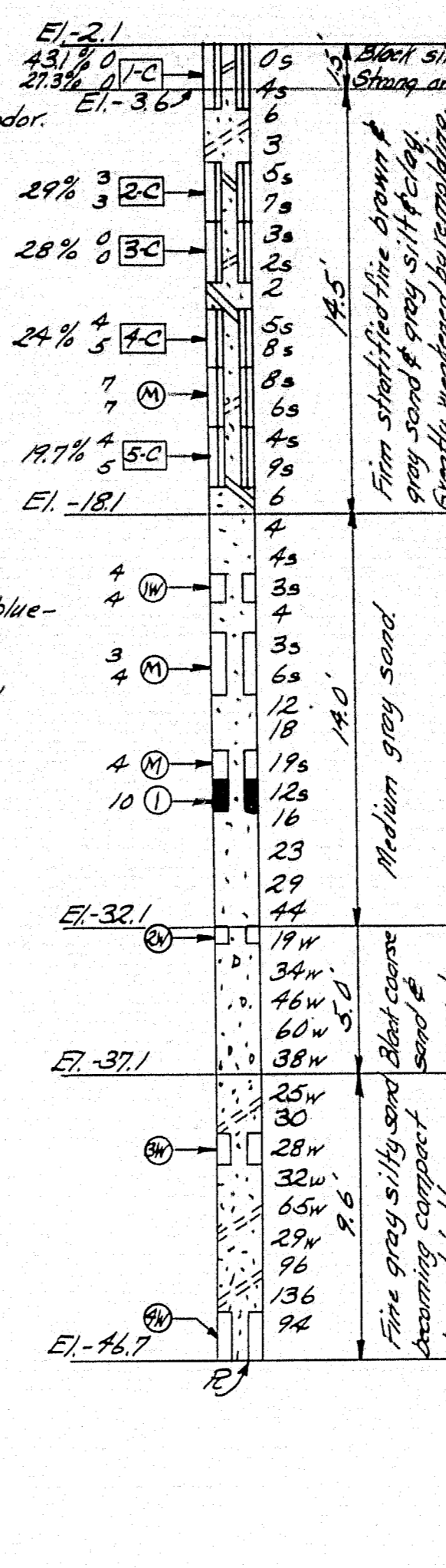
BORING 4
Sta. 158+19 50' R



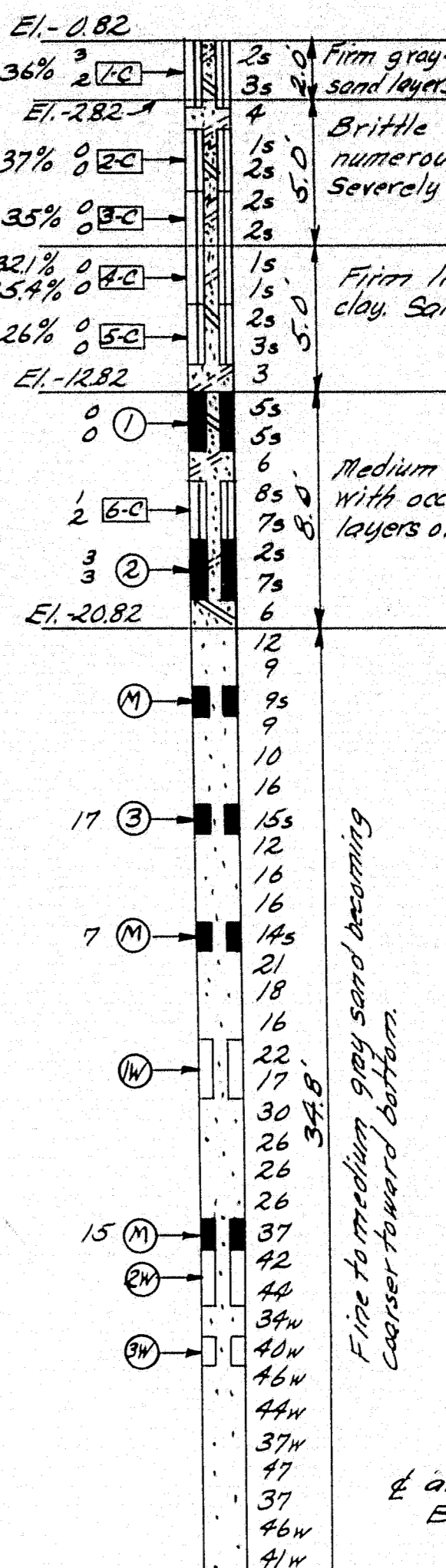
BORING 5
Sta. 157+40 49' R



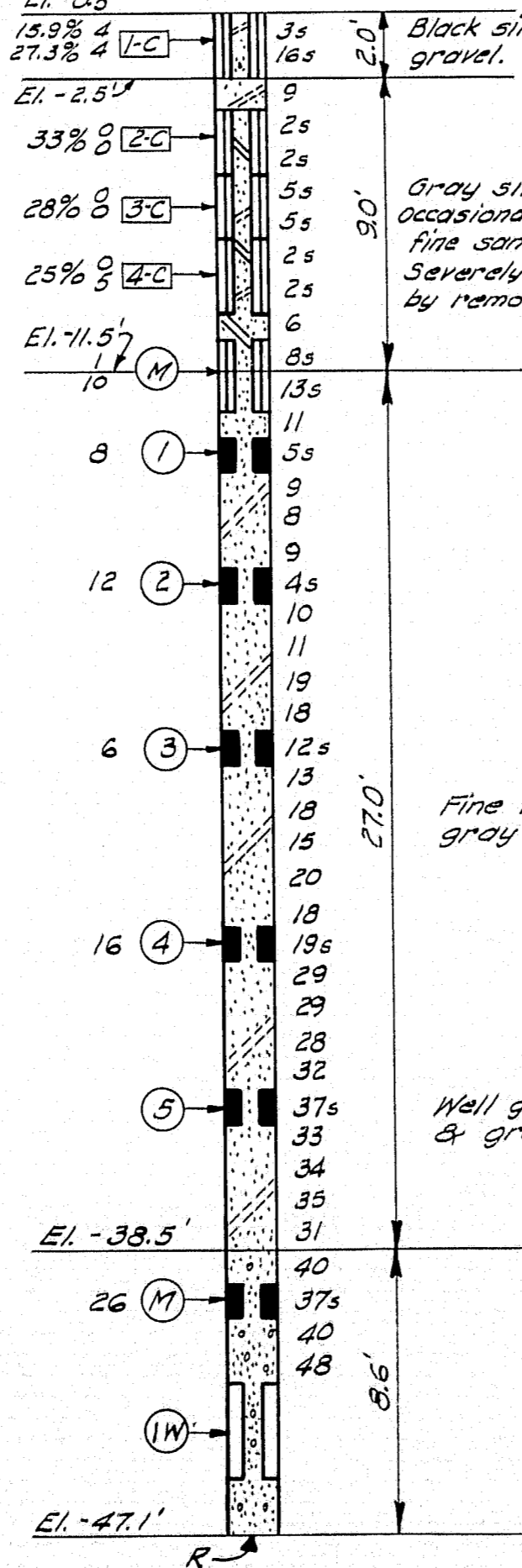
BORING 6
Sta. 159+69 48' R



BORING 8
Sta. 161+72 202' R



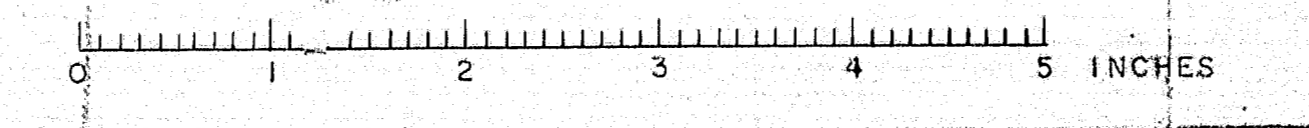
BORING 7
Sta. 161+77 61' R



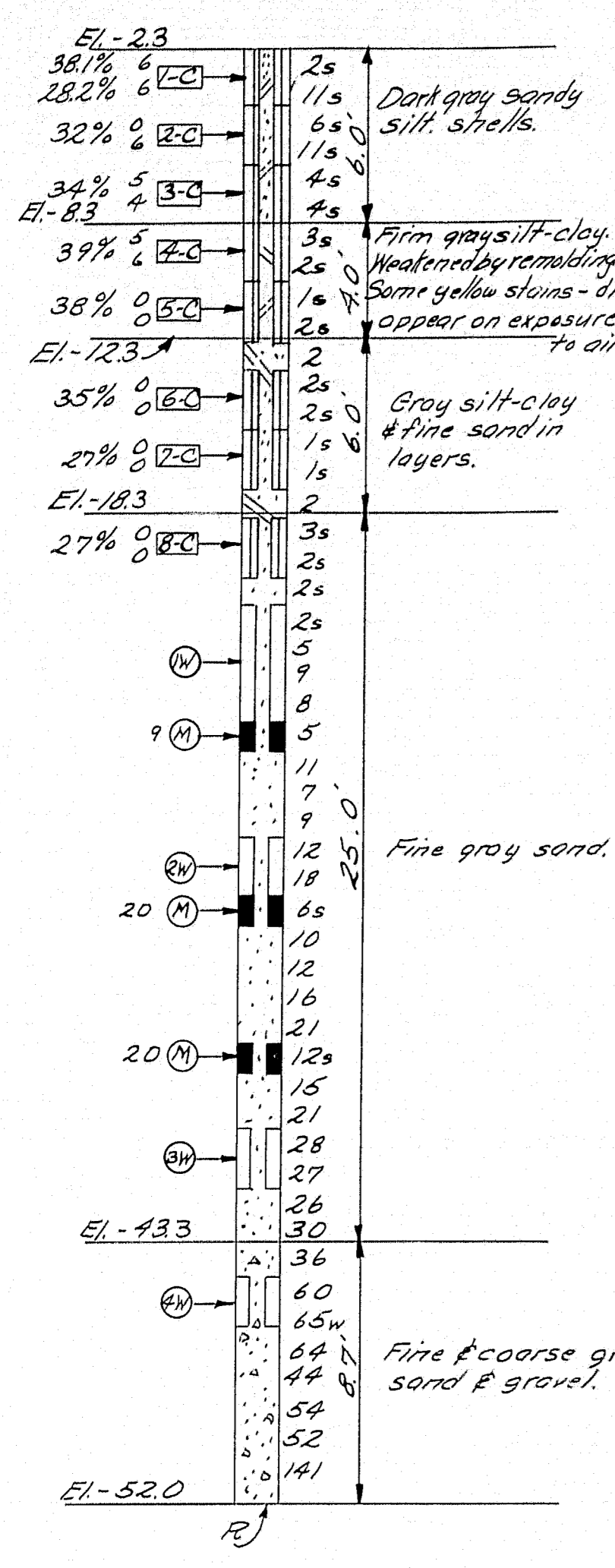
- Notes:-
- Scale: 1"=5'
 - Location & designation of Dry Samples indicated thus: (1)
 - Location & designation of Wash Samples indicated thus: (W)
 - Location & designation of Continuous Samples indicated thus: (C)
 - Unsuccessful attempts to secure samples indicated by: M
 - Figures to the left of sample markers indicate number of drops of 275 hammer required to drive sampling spoon or samplers tubing one foot.
 - Number of 16 drops of 275 hammer required to drive 2 1/2" or heavy casing one foot indicated thus: (H) 37
 - W or S indicates hole was washed or sampled ahead of casing.
 - Natural water contents, given as % of dry weight, are shown to left of sample marker.
 - Recovery of rock core by size E diamond bit indicated thus: (R) 37
 - (R) denotes refusal of casing or drill rods.
 - Ground water table indicated thus: (G)
 - Dry samples taken in S.H. sampler Cat. No. 1290s
 - Continuous samples taken in 2" O.D. 18 ga. seamless tubing
 - Denom: Mean Sea Level.

BORING SUPERVISOR - L. CLARK
ENGINEER - H. GRAY

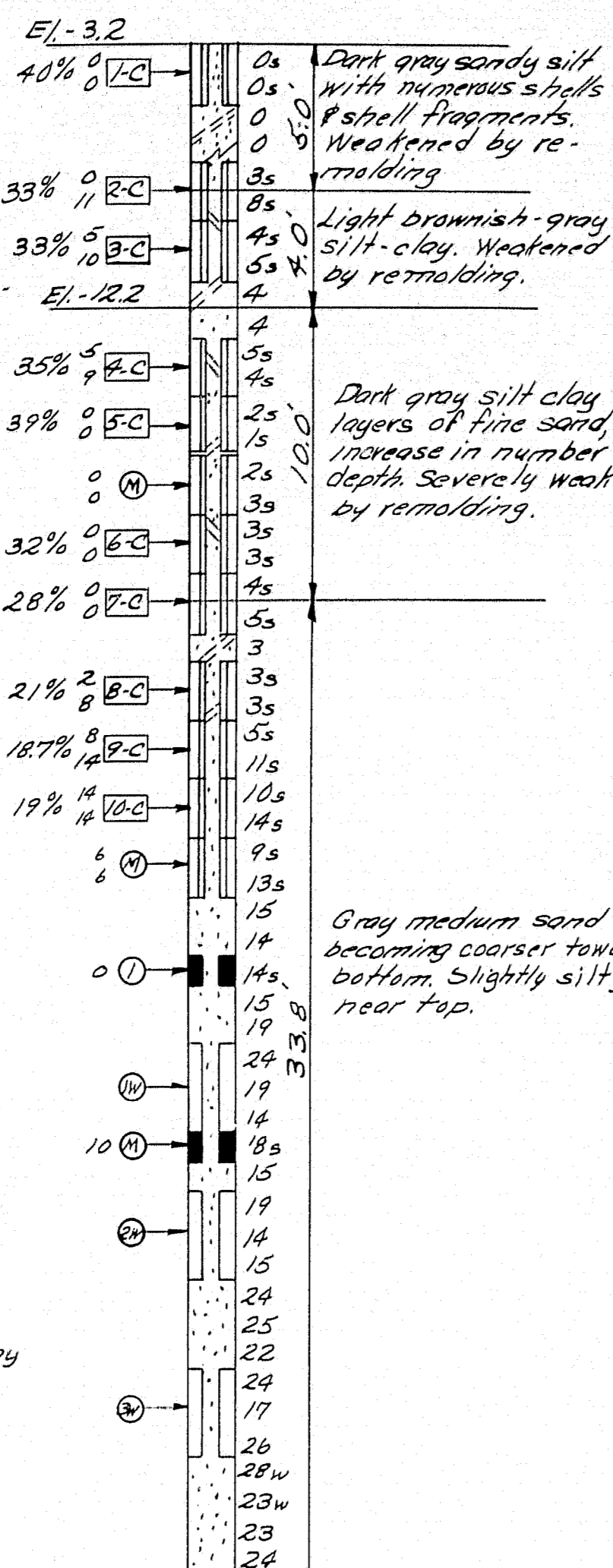
BRIDGE -
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEY'S BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
BORINGS
SHEET 16 OF 166 AUGUSTA, MAINE OCT 1957



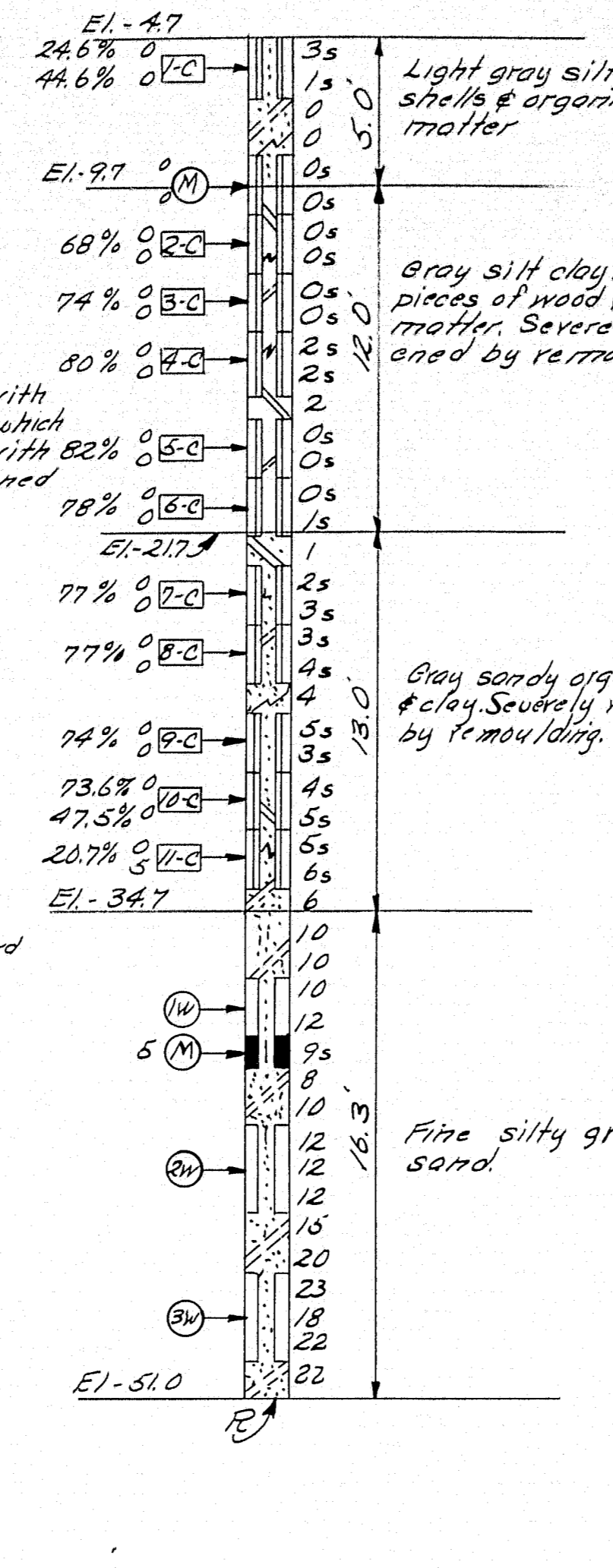
BORING 9
Sta. 160+11 181'R



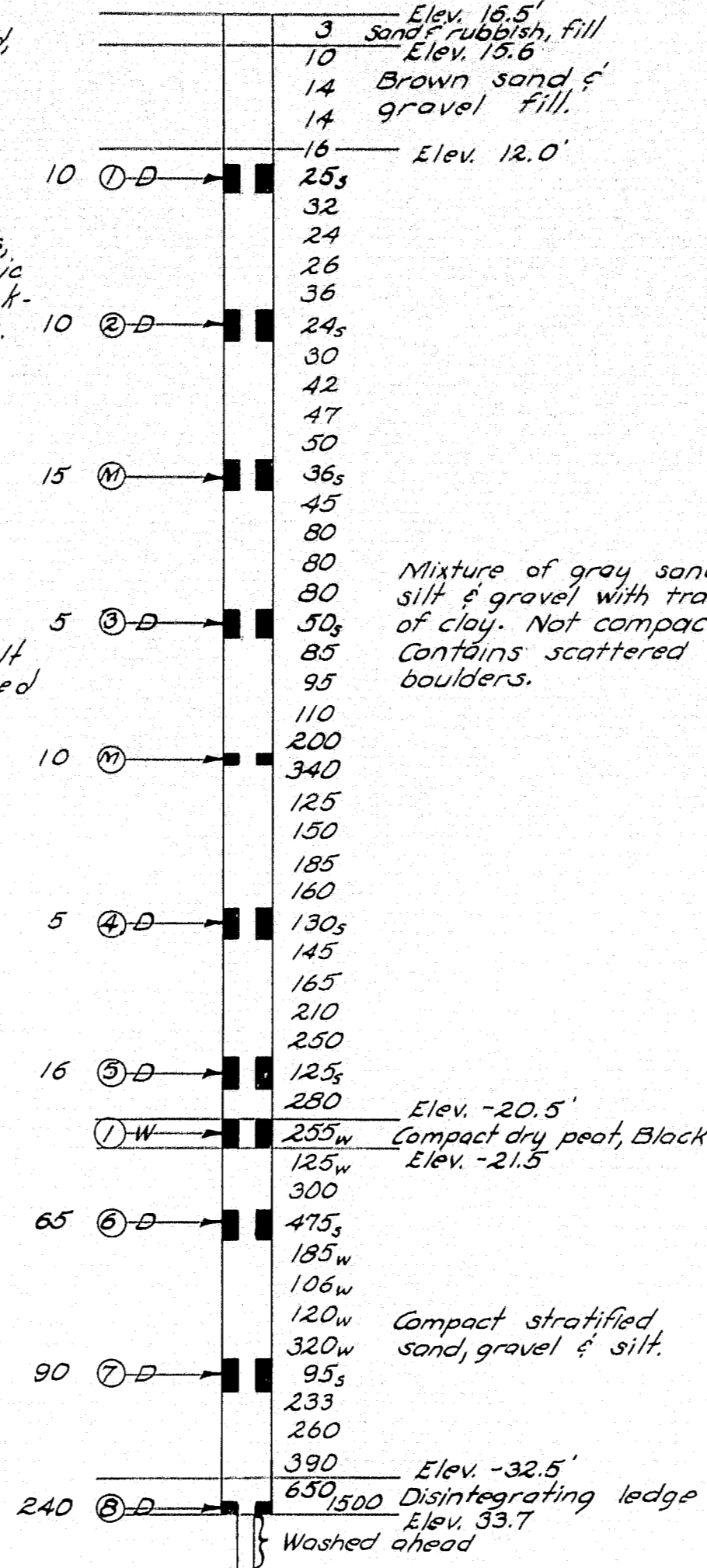
BORING 10
Sta. 157+79 172'R



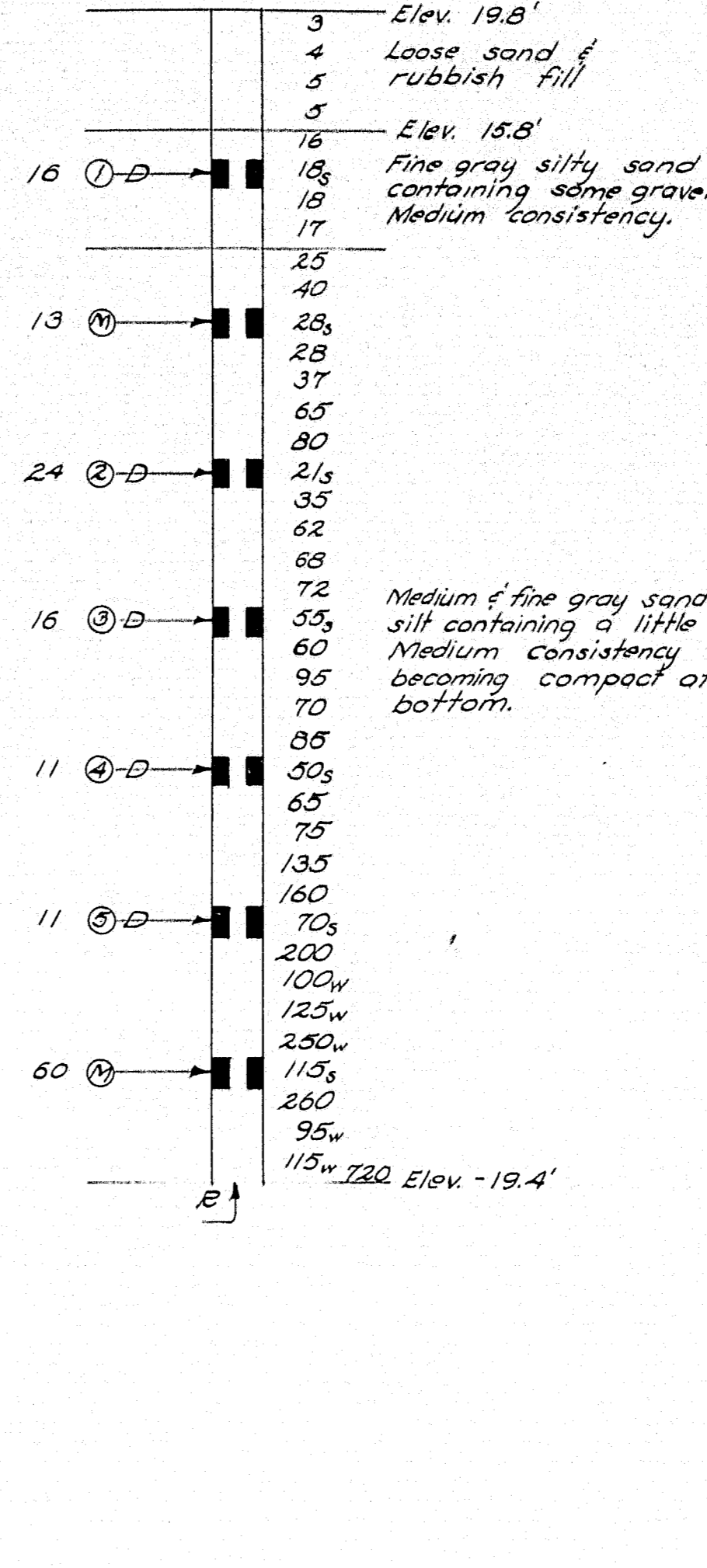
BORING 11
Sta. 156+09 167'R



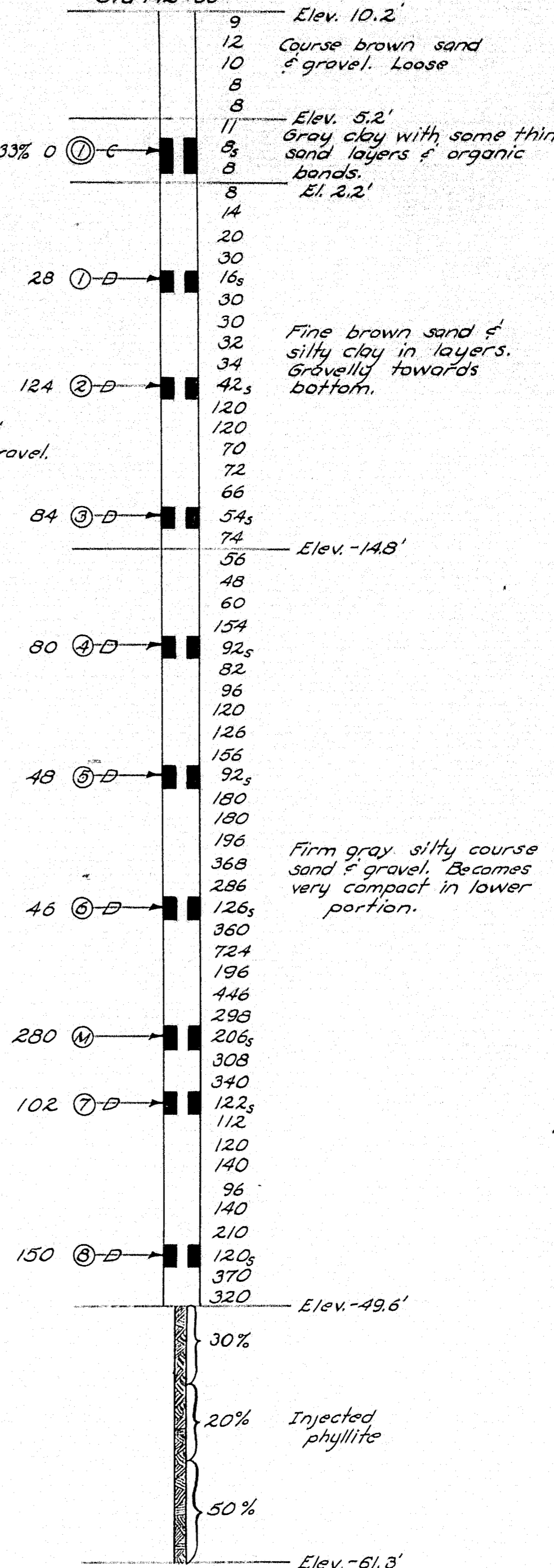
Boring A



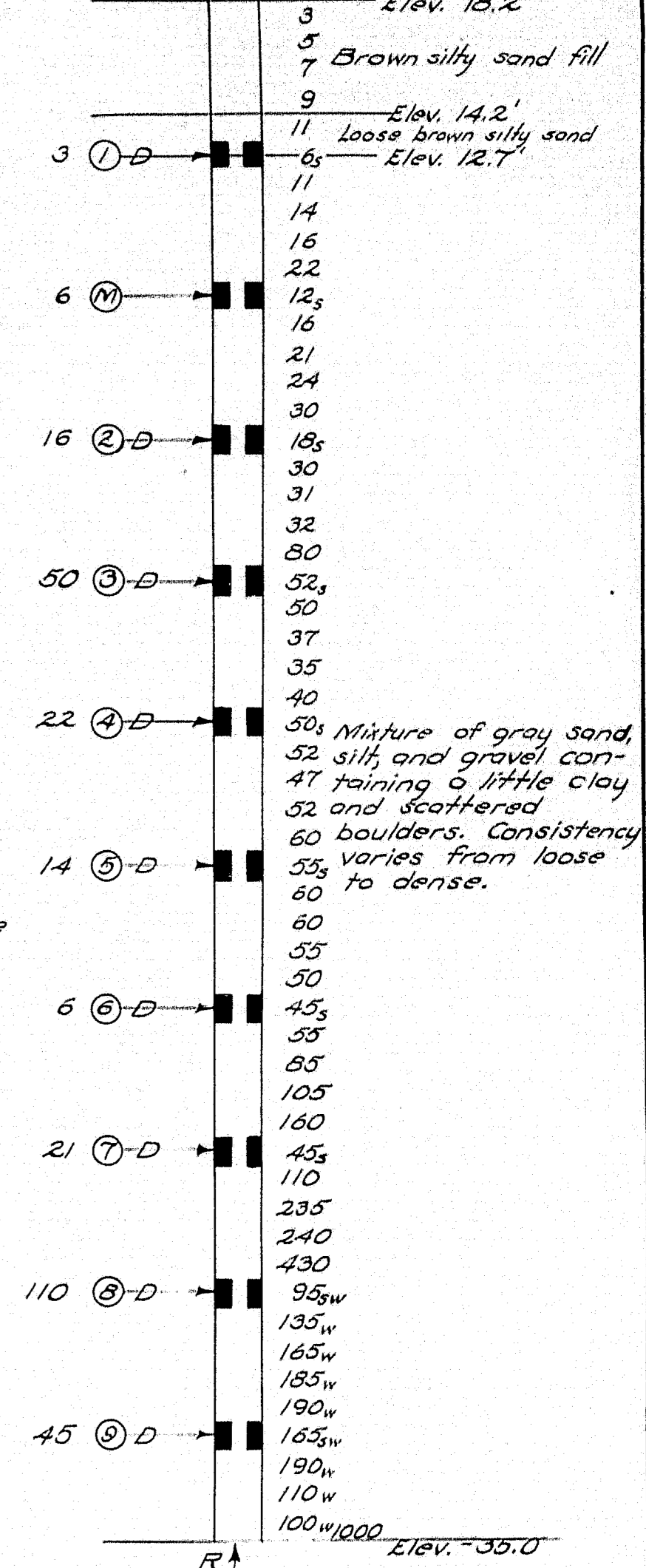
Boring B



Boring #6P
(Nov. 1949)
Sta. 142+00



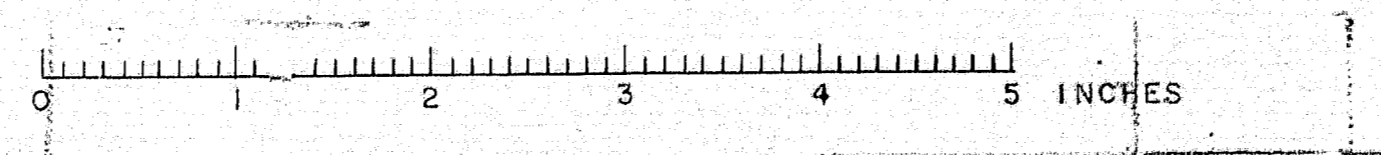
Boring C

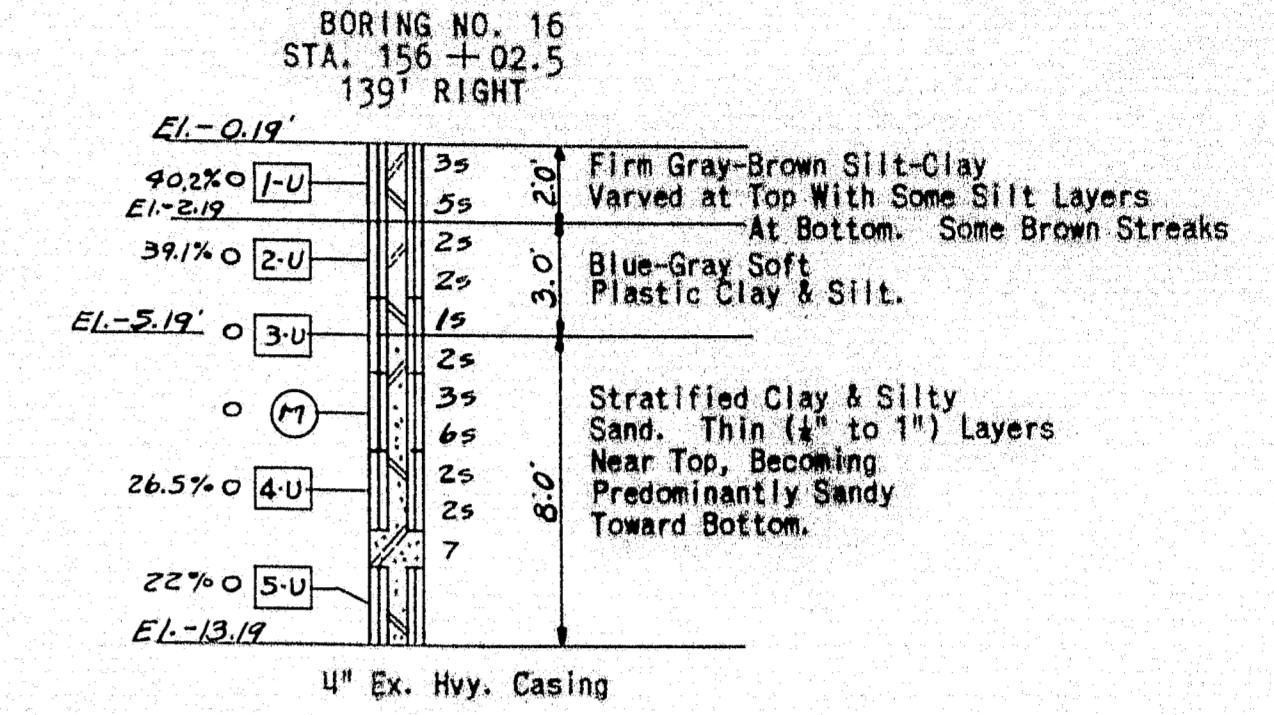
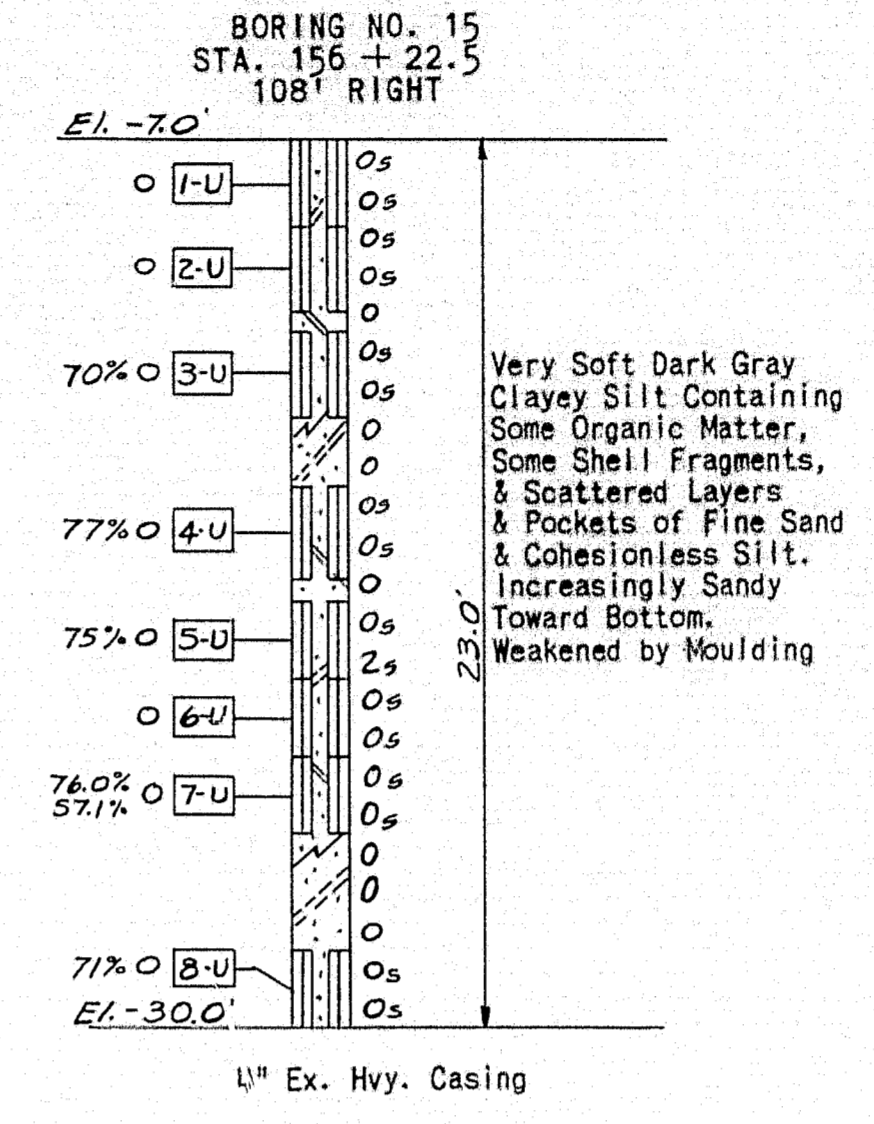
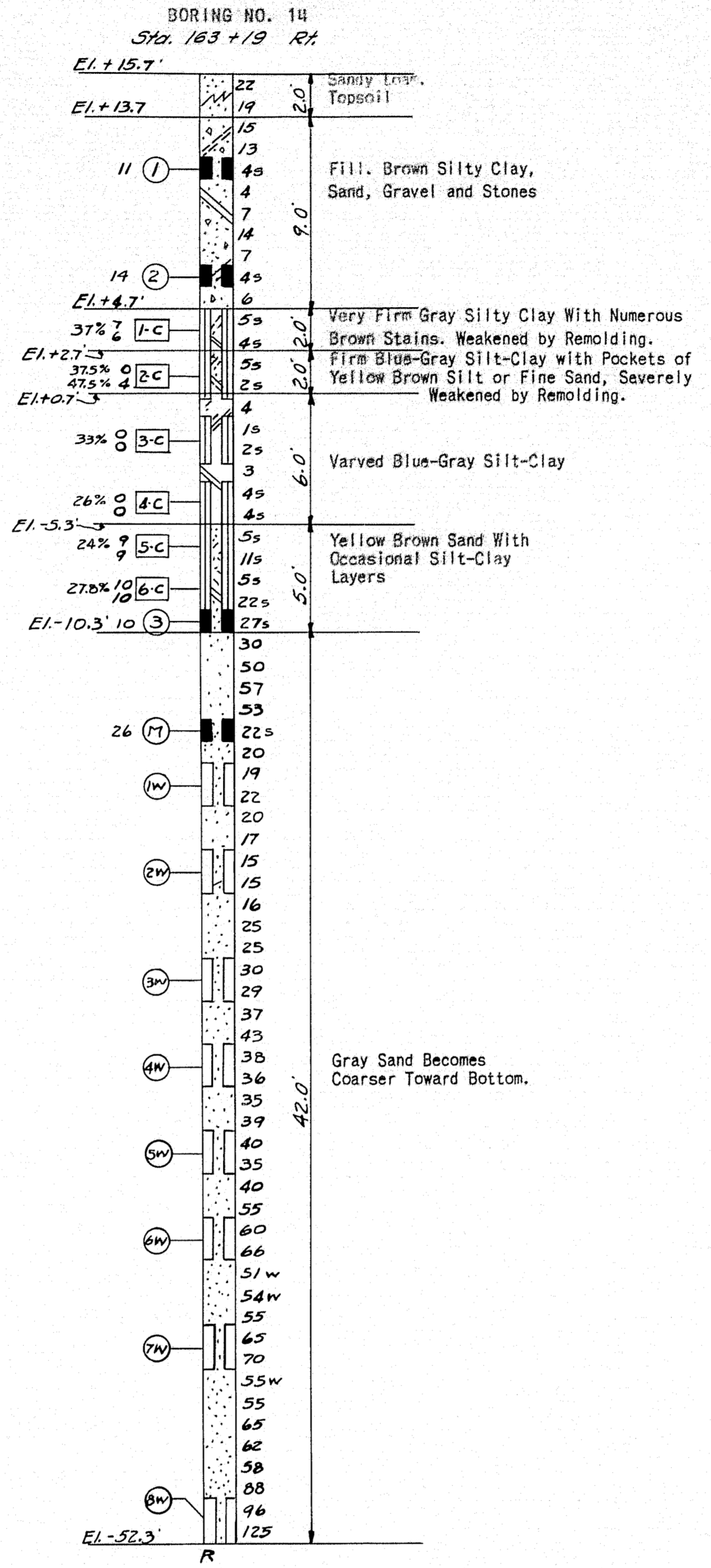
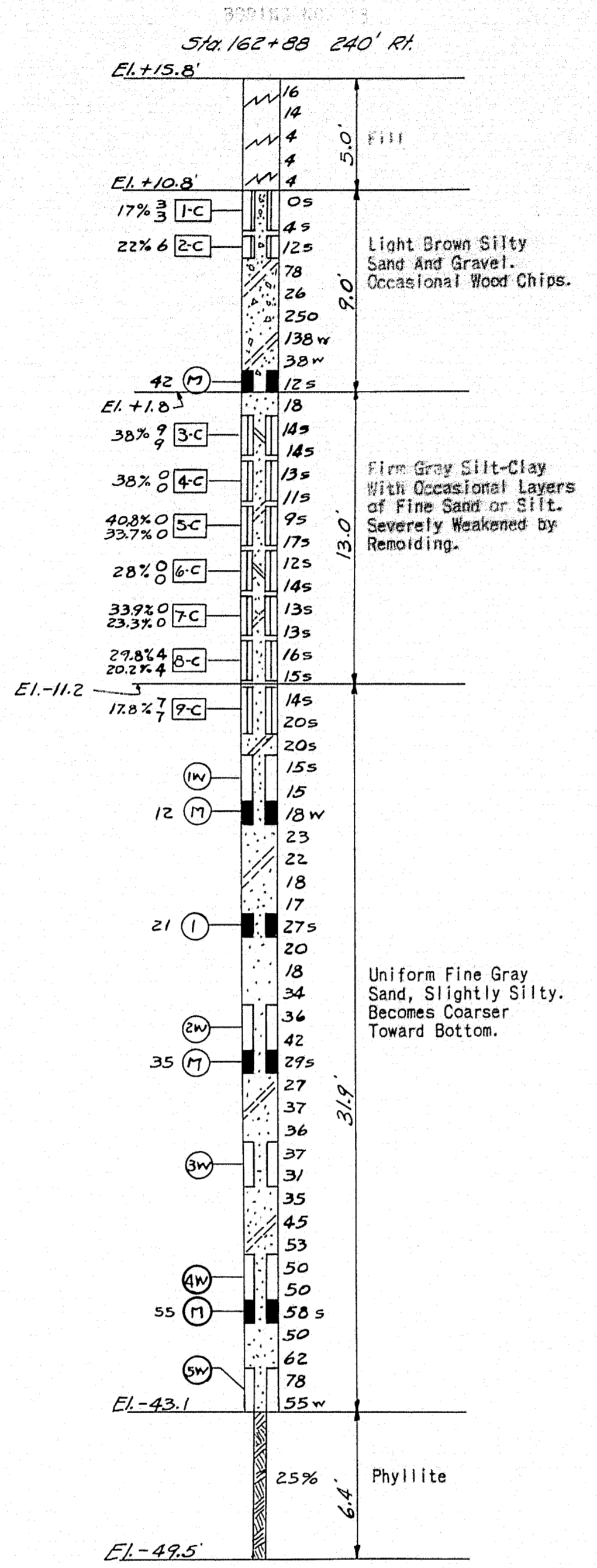
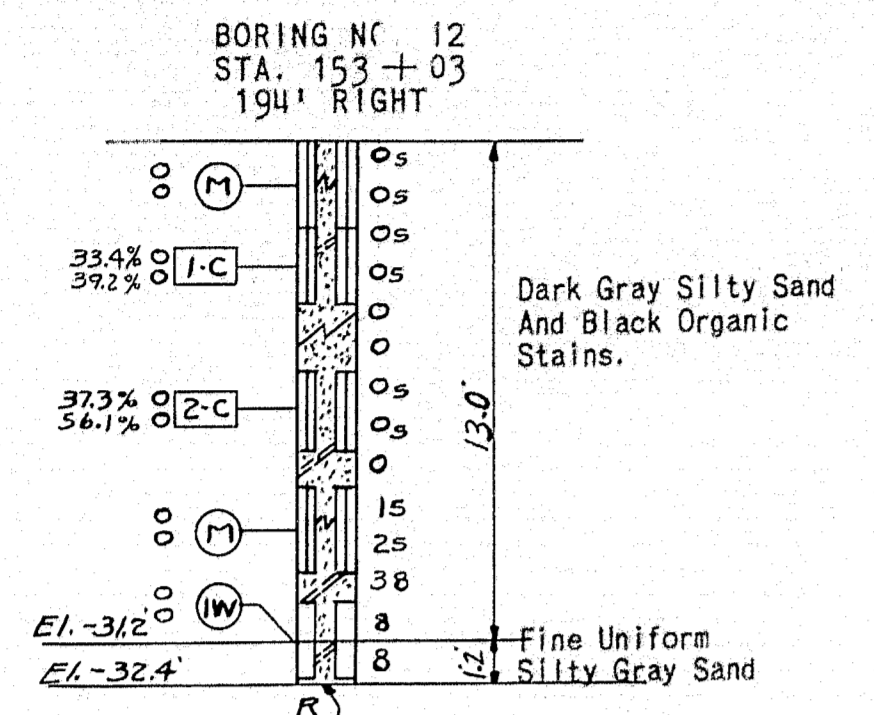


NOTE: Datum for Project is Mean Sea Level, except that for Borings A, B and C the datum is U.S.C. & G.S.; thus making the elevations for A, B, & C about 4.5' higher than other plan elevations.
Center Line refers to existing Tukey Bridge.

NOTE: Stationing refers to "Existing Tukey Bridge" Line.

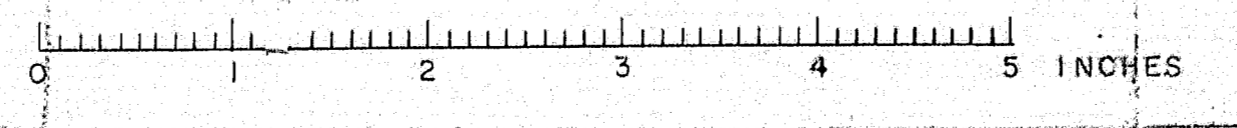
BORING SUPERVISOR - L. CLARK
 SOILS ENGINEER - H. GRAY
 BRIDGE -
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
TUKEY'S BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 BORINGS
 SHEET 17 OF 166 AUGUSTA, MAINE OCT. 1957.





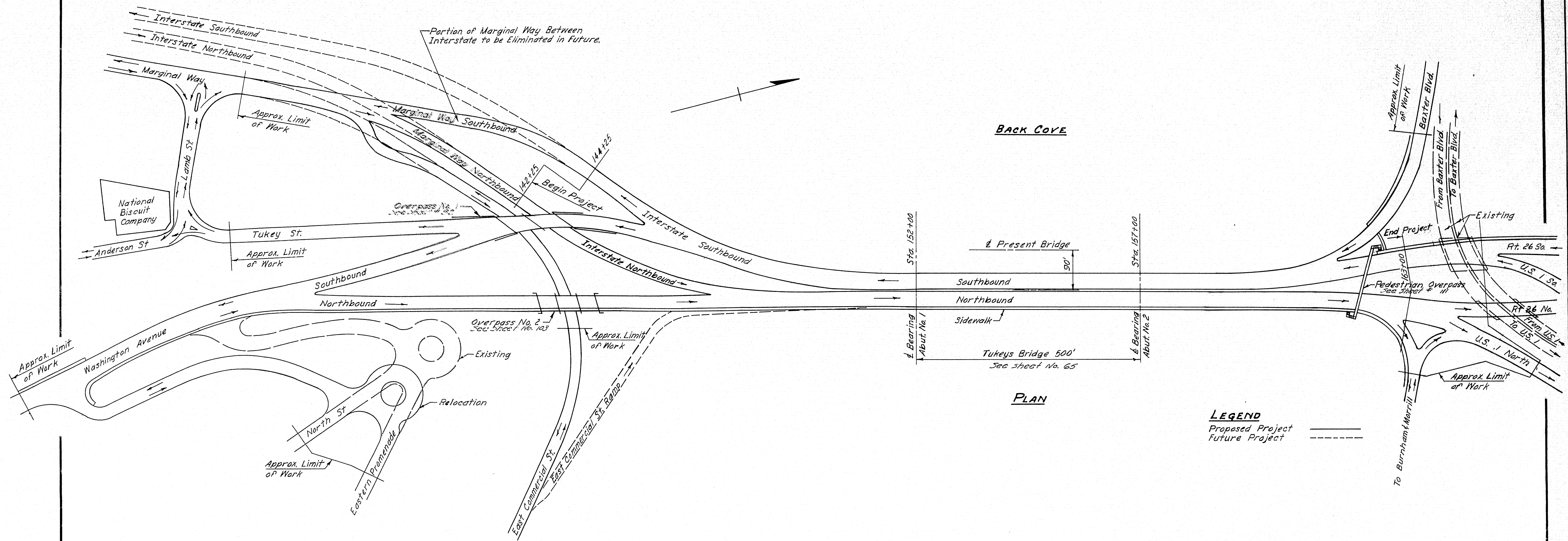
£ refers to existing Tukeys Bridge.

DESIGN - JONES	BRIDGE NO. SURVEY PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
BORINGS	
SHEET 18 OF 166 AUGUSTA, MAINE OCT., 1957	

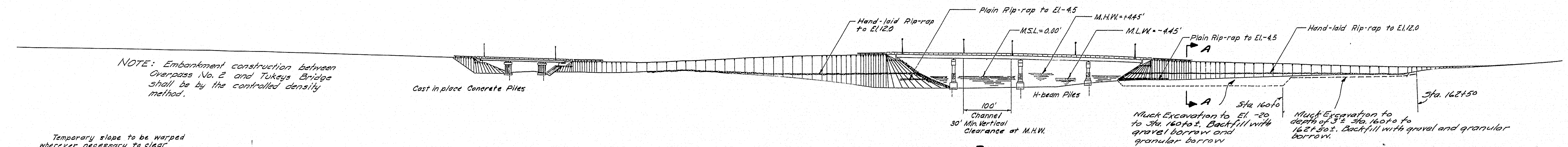


B. P. N. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-144	19	166

1-895-343 50



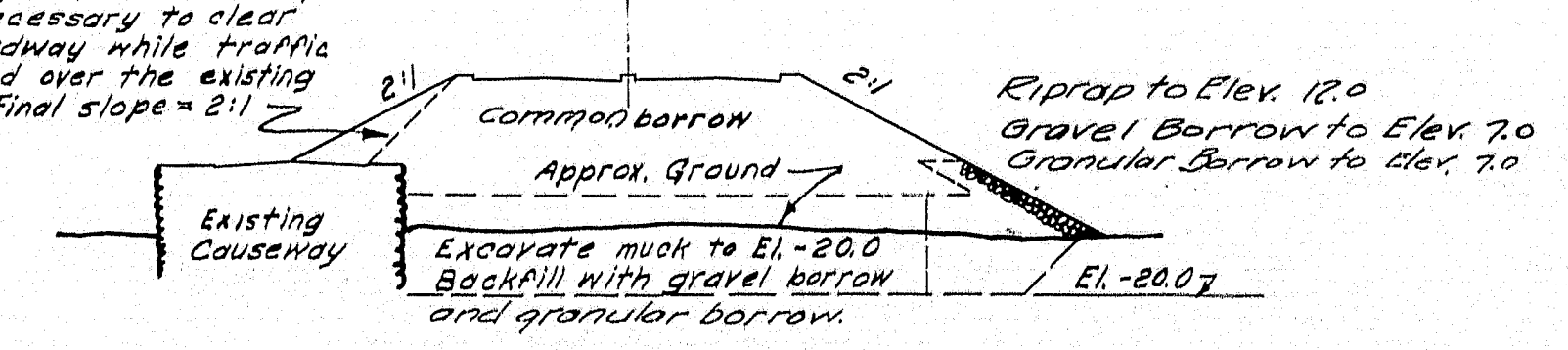
LEGEND
 Proposed Project ———
 Future Project - - - - -



PROFILE
 Along Washington Avenue Northbound,
 Interstate Northbound, & Route U.S. 1 North

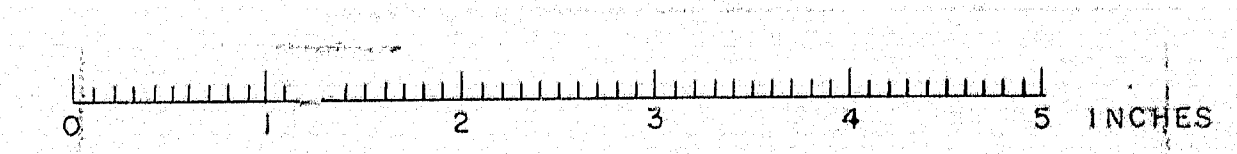
NOTE: Embankment construction between Overpass No. 2 and Tukeys Bridge shall be by the controlled density method.

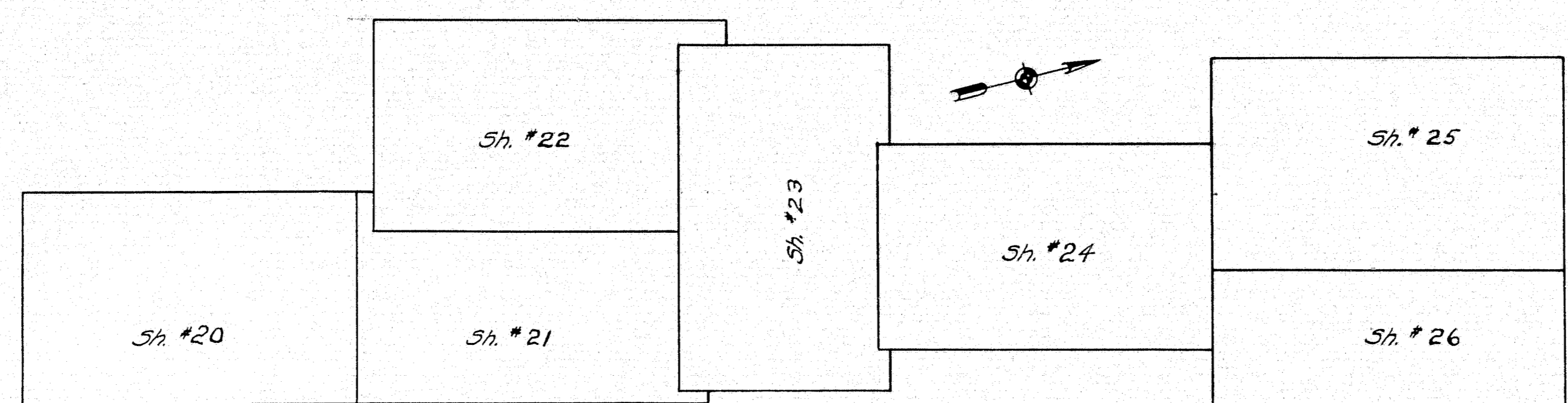
Temporary slope to be warped wherever necessary to clear existing roadway while traffic is maintained over the existing structure. Final slope = 2:1



SECTION A-A
 Scale: 1"=30'

DESIGN - EVERETT, RISSEL	BRIDGE NO.
TRACE - AULT	SURVEY
CHECK - JOSE	PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
GENERAL PLAN & ELEVATION	
SCALE: 1"=100'	
SHEET 19 OF 166	AUGUSTA, MAINE OCT. 1957





KEY PLAN
For Survey

NOTES:

SURVEY BASE LINE
Survey line on center line of existing Tukeys Bridge.

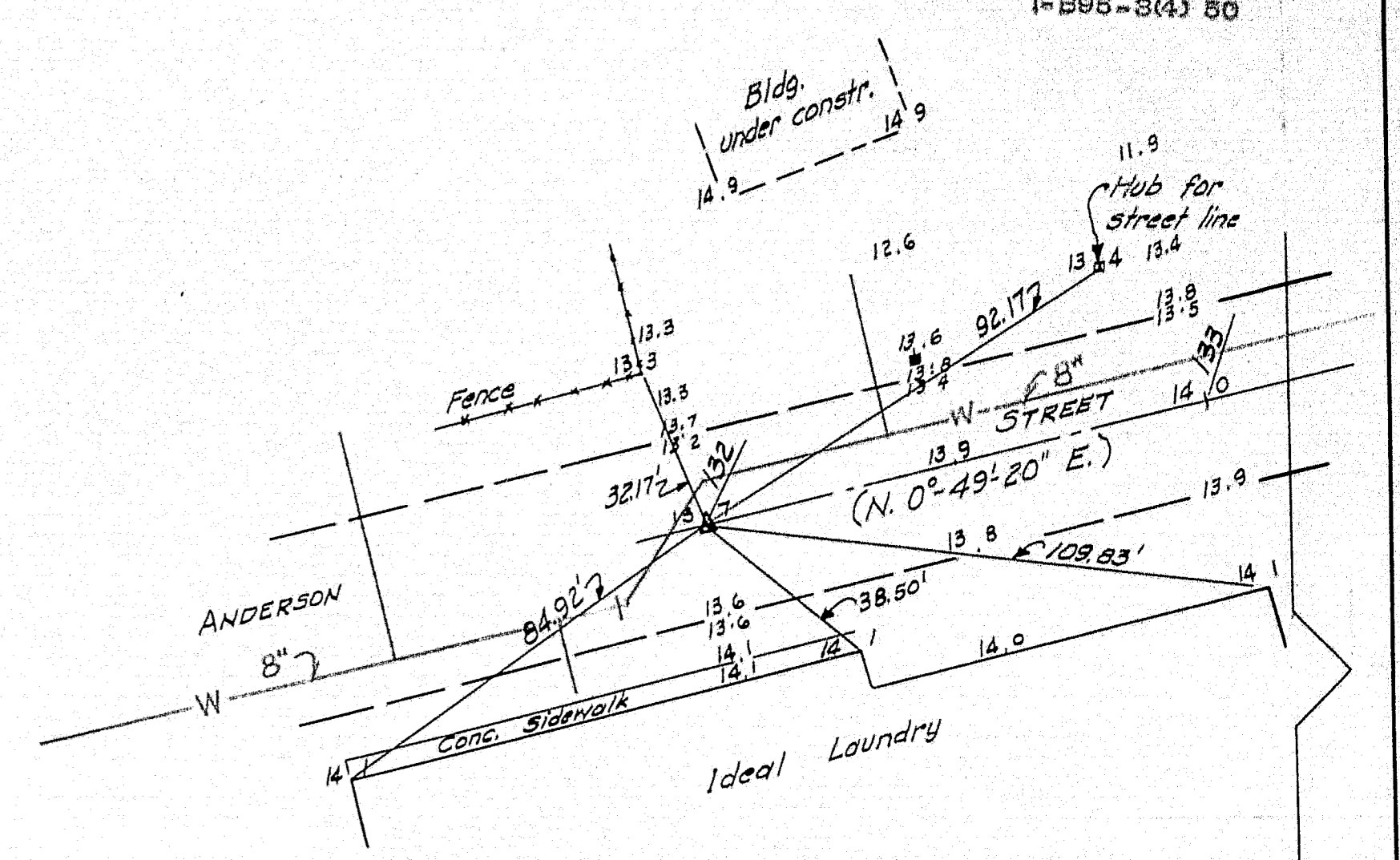
COORDINATES EASTERLY
Coordinates are based on center line of new bridge equals E 3000 (located 90 feet easterly and parallel to the Survey Base Line N. 14° 27' 12" E.)

COORDINATES NORTHERLY
Coordinates are based on line at right angles to Survey Base Line at Sta. 147+50 equals N 5000.

ALL CURVES - Arc designation.

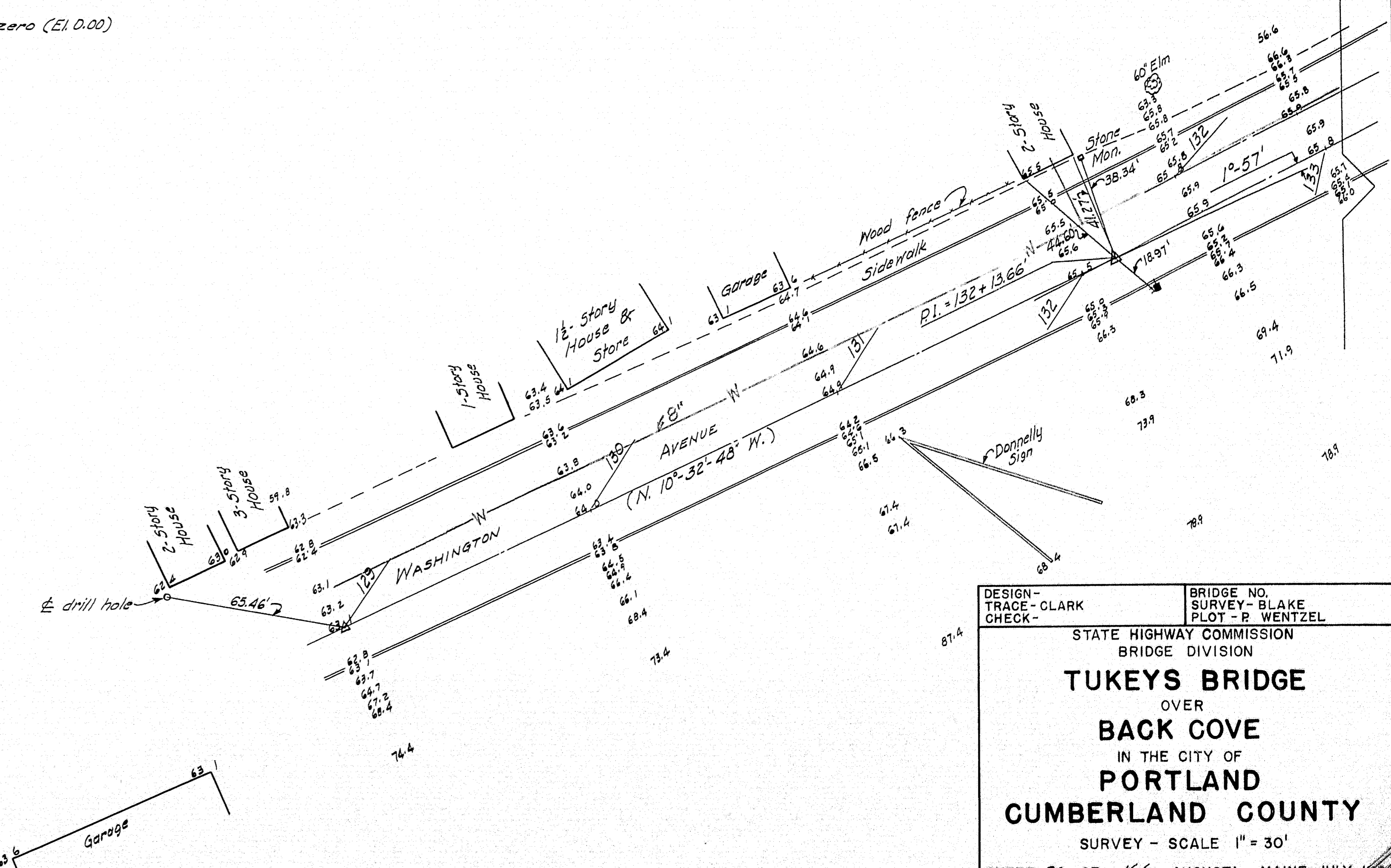
Stationing for project refers to that for "Existing Tukeys Bridge" with center line of bearings for abutment no. 1, offset 90 feet and set at sta. 152+00, the control station with coordinates N 5450 - E 3000.

DATUM
Mean Sea Level equals zero (E.I.D.00)

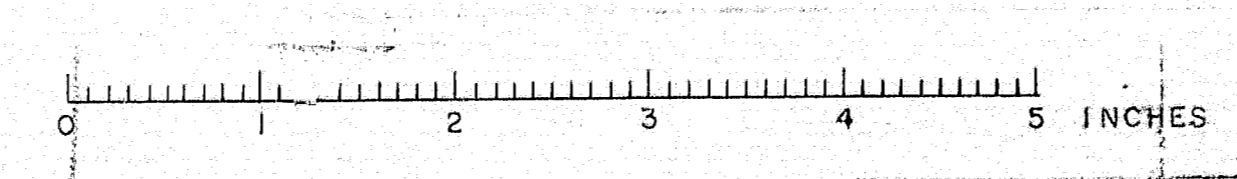


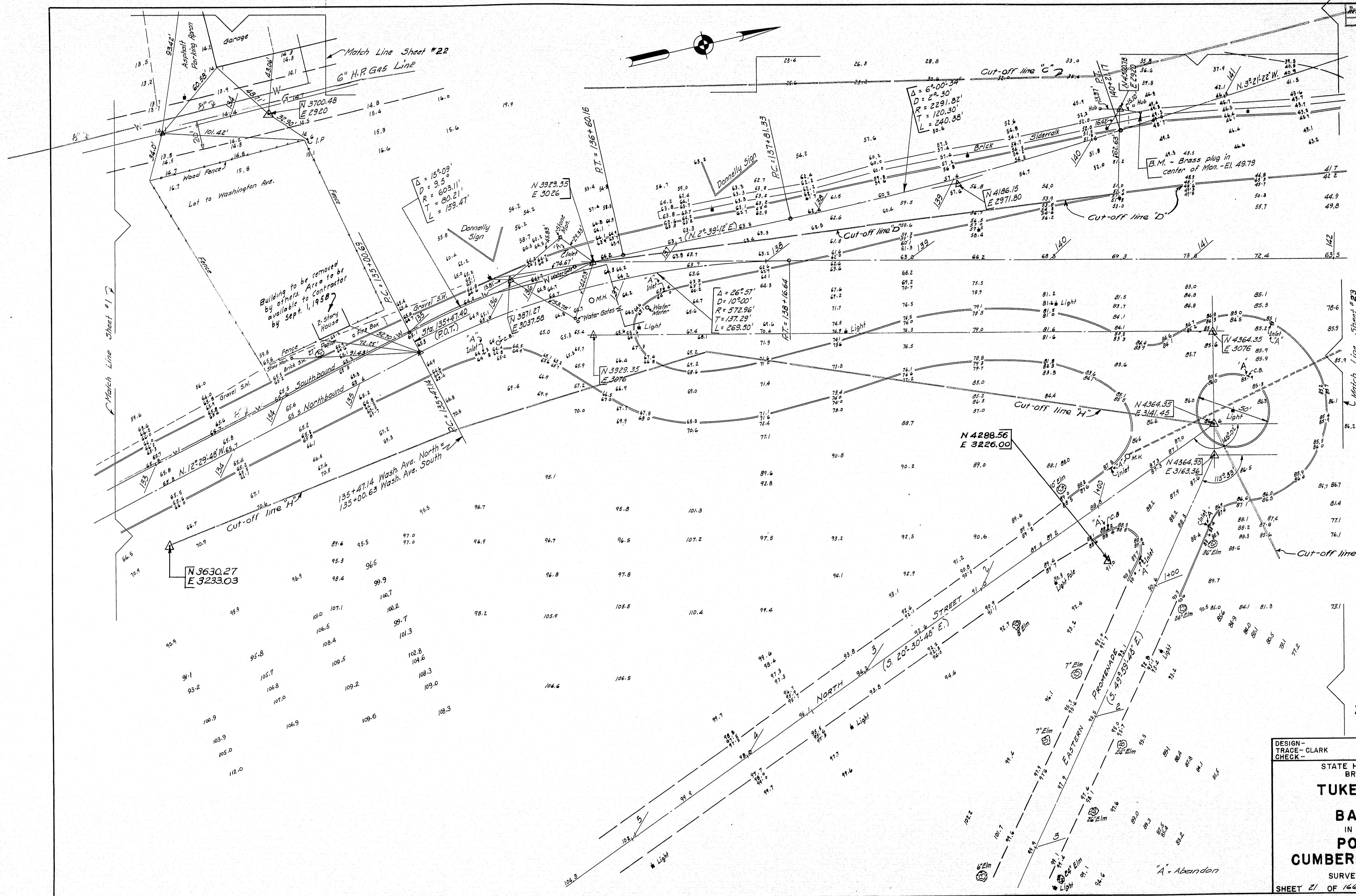
NOTE

Survey not to be used for layout. For construction layout use "ALIGNMENT".
Survey and Alignment are the same except the following:
Center Line of Tukey Street and Control Points.
Center Line of Lamb Street and Control Points.
Marginal Way and Interstate Northbound and Control Points.



DESIGN - CLARK	BRIDGE NO. SURVEY - BLAKE
TRACE - CLARK	PLOT - P. WENTZEL
CHECK -	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
SURVEY - SCALE 1" = 30'	
SHEET 20 OF 166 AUGUSTA, MAINE JULY 1966	

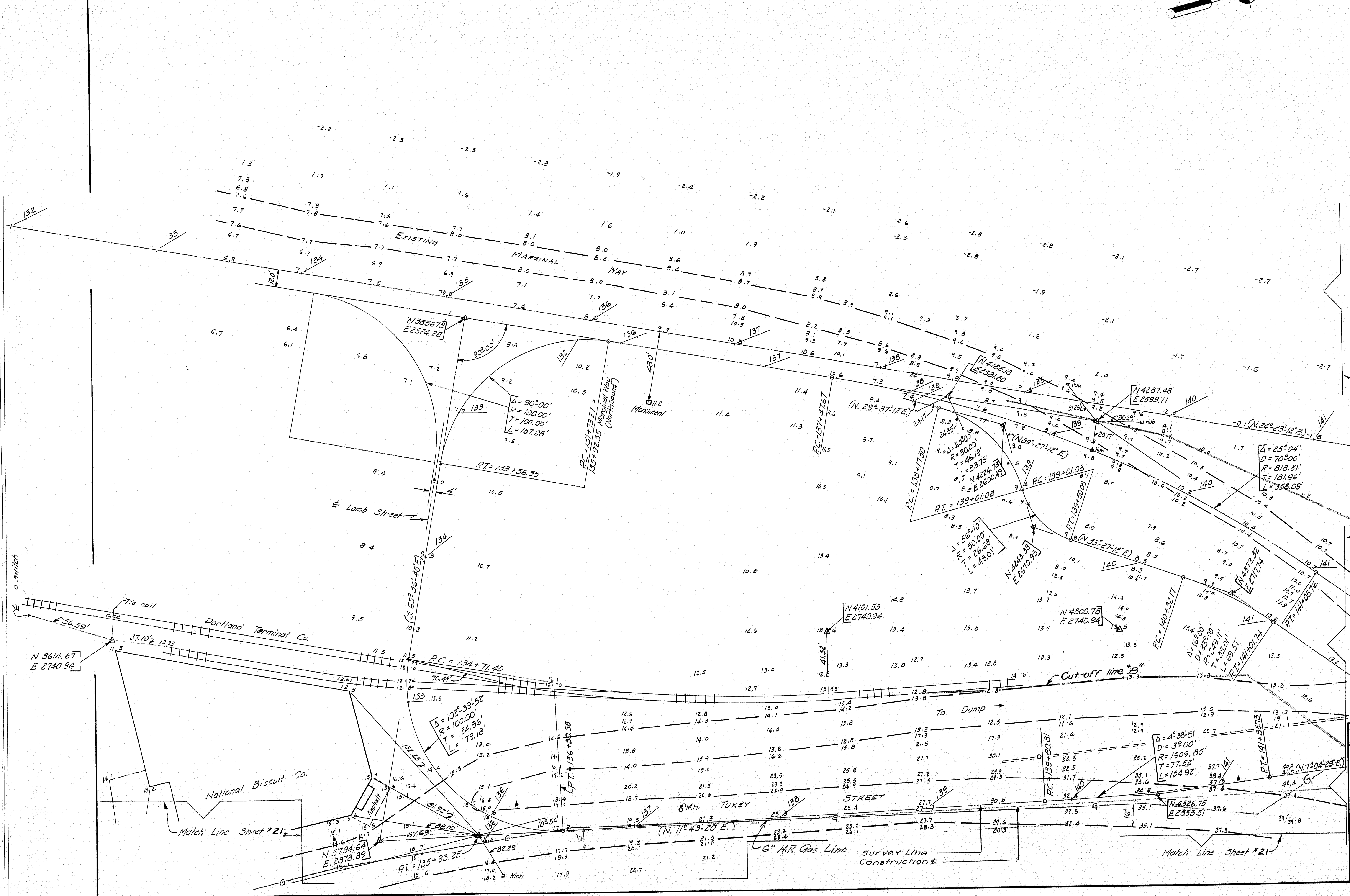
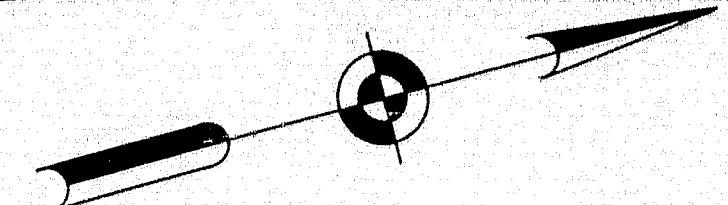




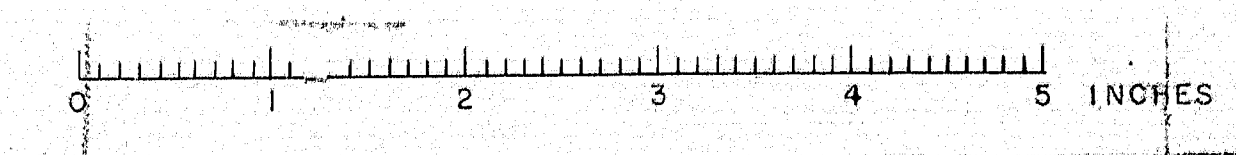
Building to be removed
 by others.
 Area to be
 available to contractor
 by Sept. 1, 1958

Revised 2 April, 1958 - Removal
 of 2-Story House.

DESIGN - TRACE - CLARK CHECK -	BRIDGE NO. SURVEY - BLAKE PLOT - P. WENTZEL
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
SURVEY - SCALE 1" = 30'	
SHEET 21 OF 166 AUGUSTA, MAINE JULY 1956	

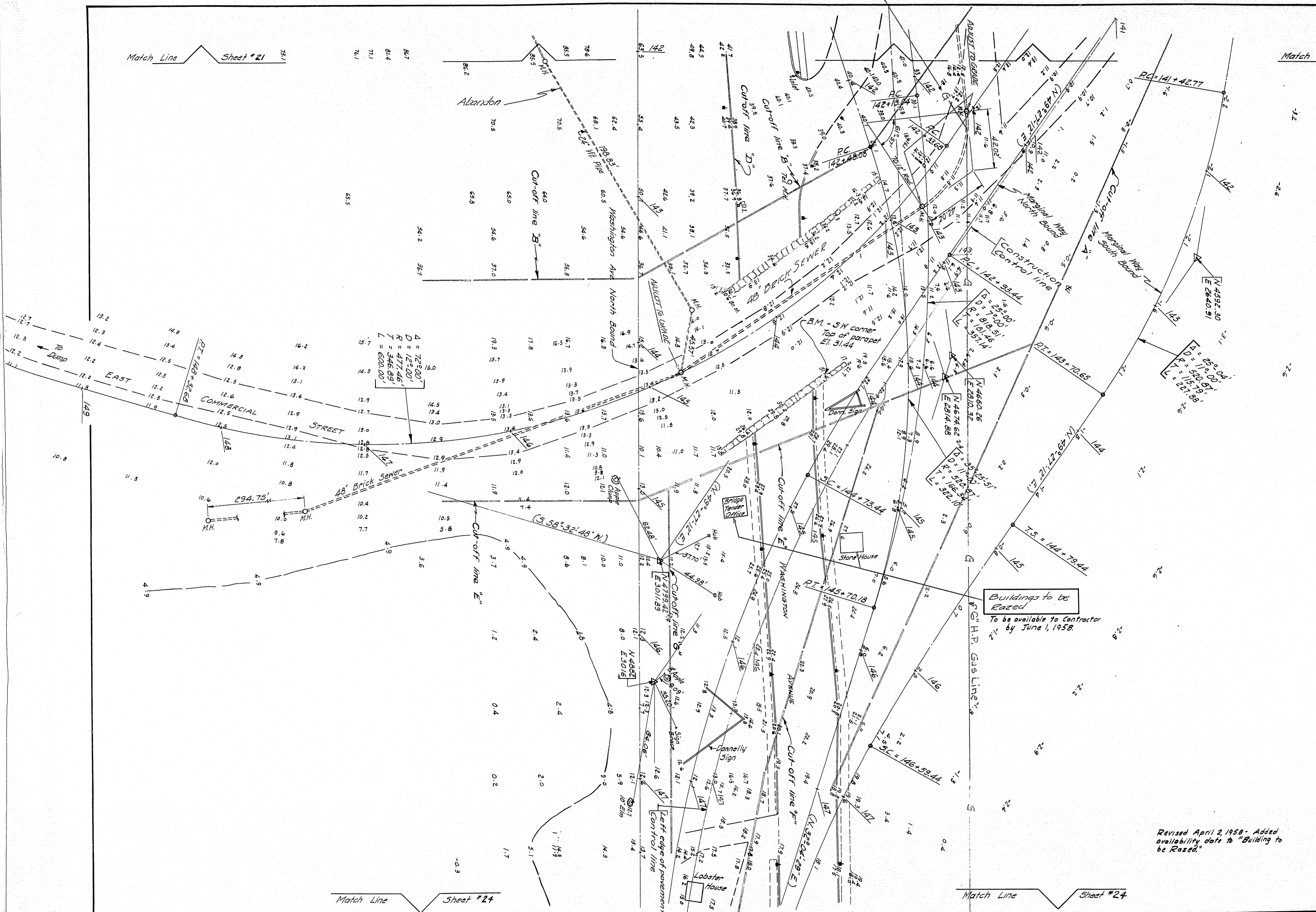


DESIGN - TRACE-CLARK
 CHECK -
 BRIDGE NO. SURVEY - BLAKE
 PLOT - P. WENTZEL
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 SURVEY - SCALE 1" = 30'
 SHEET 22 OF 166 AUGUSTA, MAINE JULY 1956



Match Line Sheet #21

Match Line Sheet #22



Match Line Sheet #24

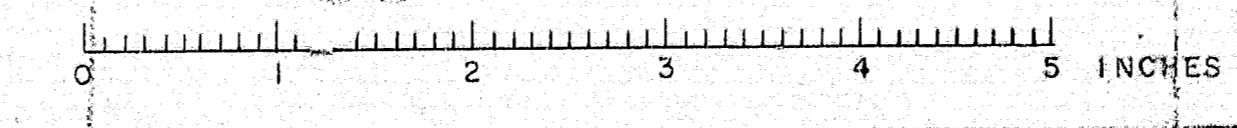
Match Line Sheet #24

$\Delta = 72^{\circ}00'$
 $D = 12^{\circ}00'$
 $R = 477.46'$
 $T = 346.89'$
 $L = 600.00'$

Buildings to be Razed
To be available to Contractor by June 1, 1958.

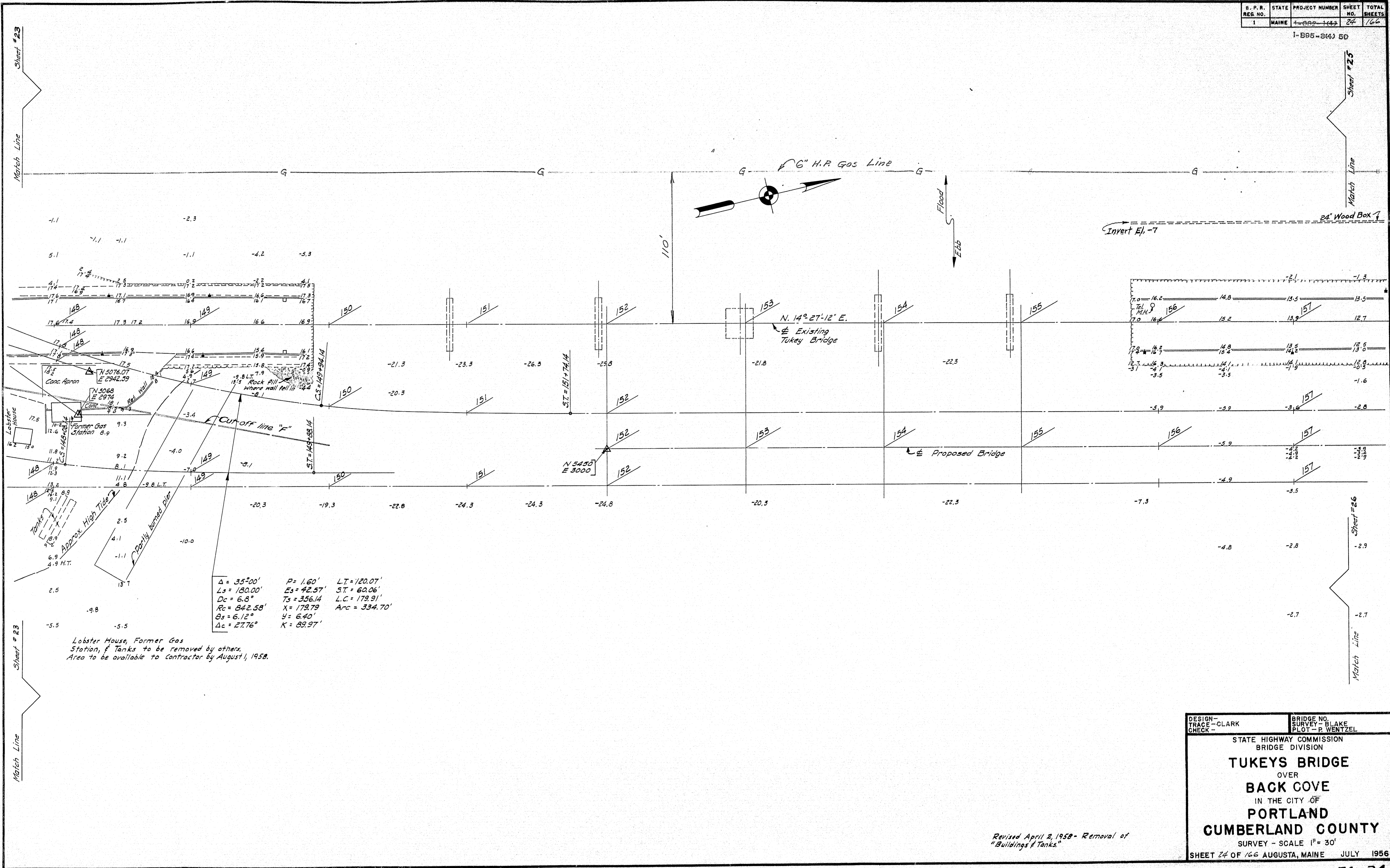
Revised April 2, 1958 - Added availability date to "Building to be Razed."

DESIGN - CLARK	BRIDGE NO.
TRACE - CLARK	SURVEY - BLAKE
CHECK -	PLOT - WENTZEL
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
SURVEY - SCALE 1" = 30'	
SHEET 23 OF 166 AUGUSTA, MAINE JULY 1956	



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-8(4) 50	24	166

1-895-8(4) 50

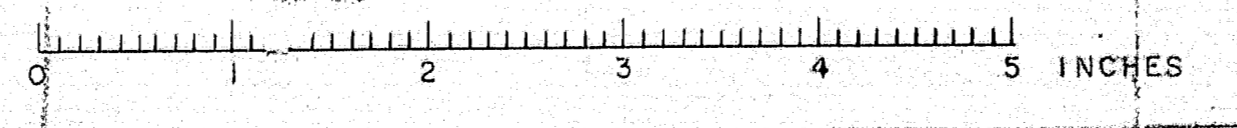


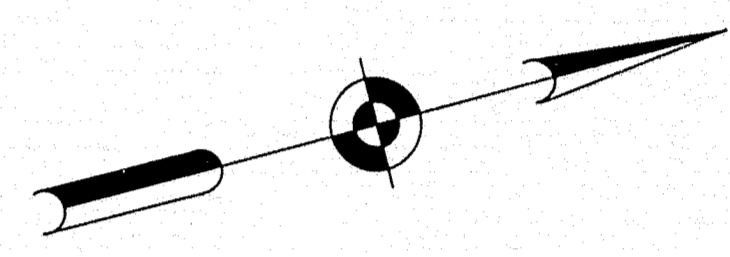
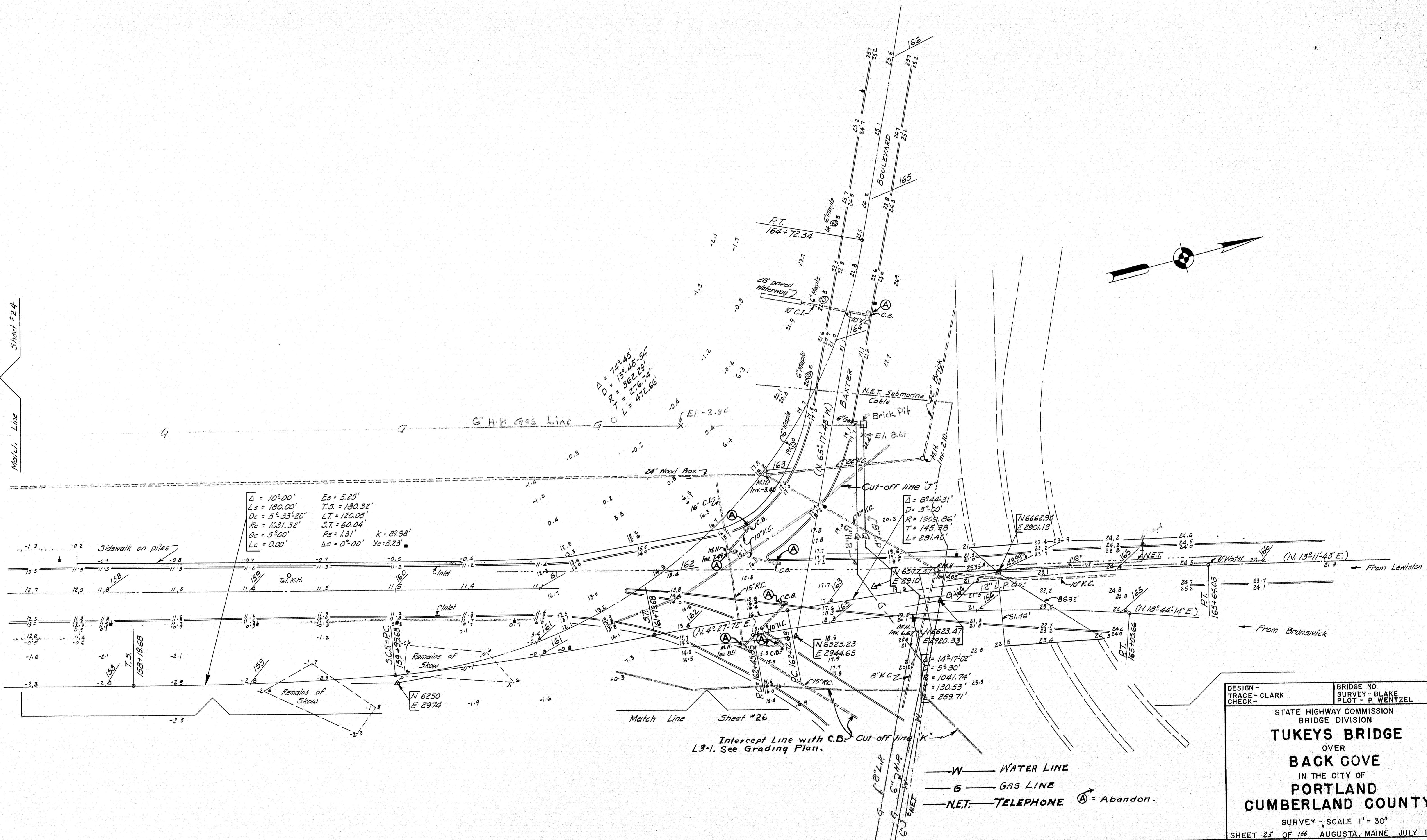
$\Delta = 35^{\circ}00'$ $P = 1.60'$ $LT = 120.07'$
 $Ls = 180.00'$ $Es = 42.57'$ $ST = 62.06'$
 $Dc = 6.8'$ $Ts = 356.14'$ $L.C. = 179.91'$
 $Rc = 842.58'$ $X = 179.79'$ $Arc = 334.70'$
 $\theta s = 6.12^{\circ}$ $Y = 6.40'$
 $\Delta c = 27.76'$ $K = 89.97'$

Lobster House, Former Gas Station, & Tanks to be removed by others. Area to be available to Contractor by August 1, 1958.

DESIGN - CLARK	BRIDGE NO.
TRACE - CLARK	SURVEY - BLAKE
CHECK -	PLLOT - WENTZEL
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
SURVEY - SCALE 1" = 30'	
SHEET 24 OF 166 AUGUSTA, MAINE JULY 1956	

Revised April 2, 1958 - Removal of "Buildings & Tanks."





Match Line Sheet #24

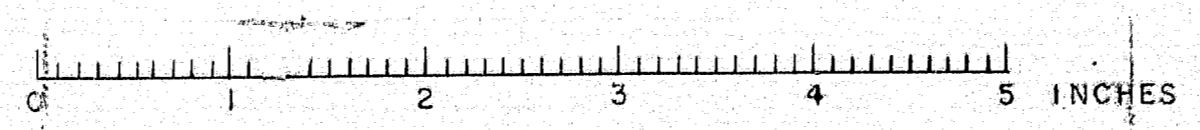
Match Line Sheet #26

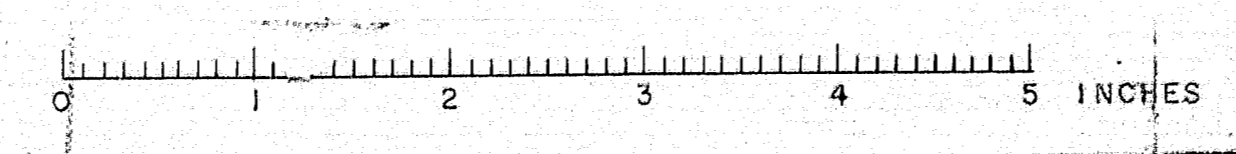
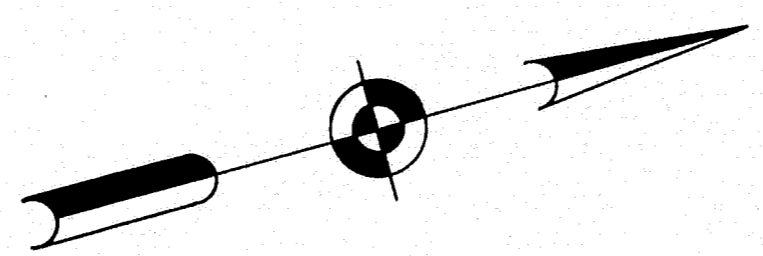
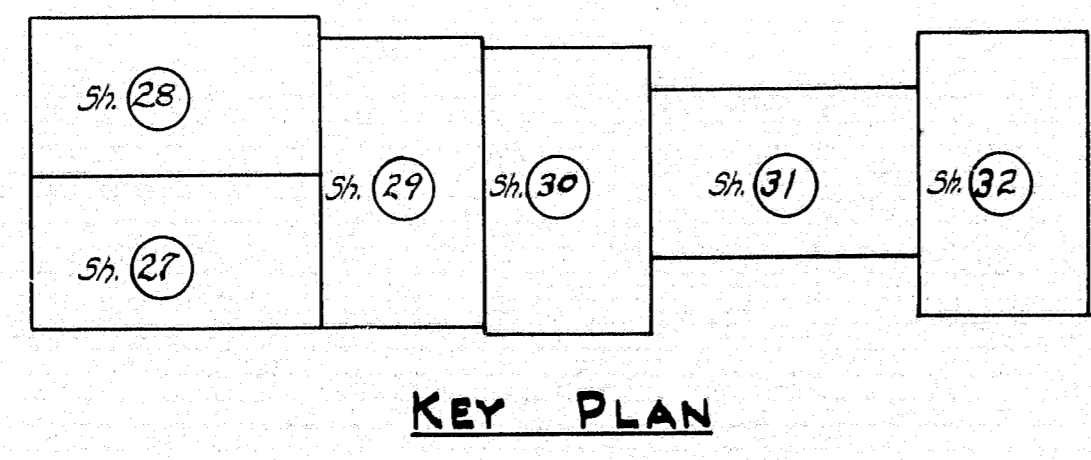
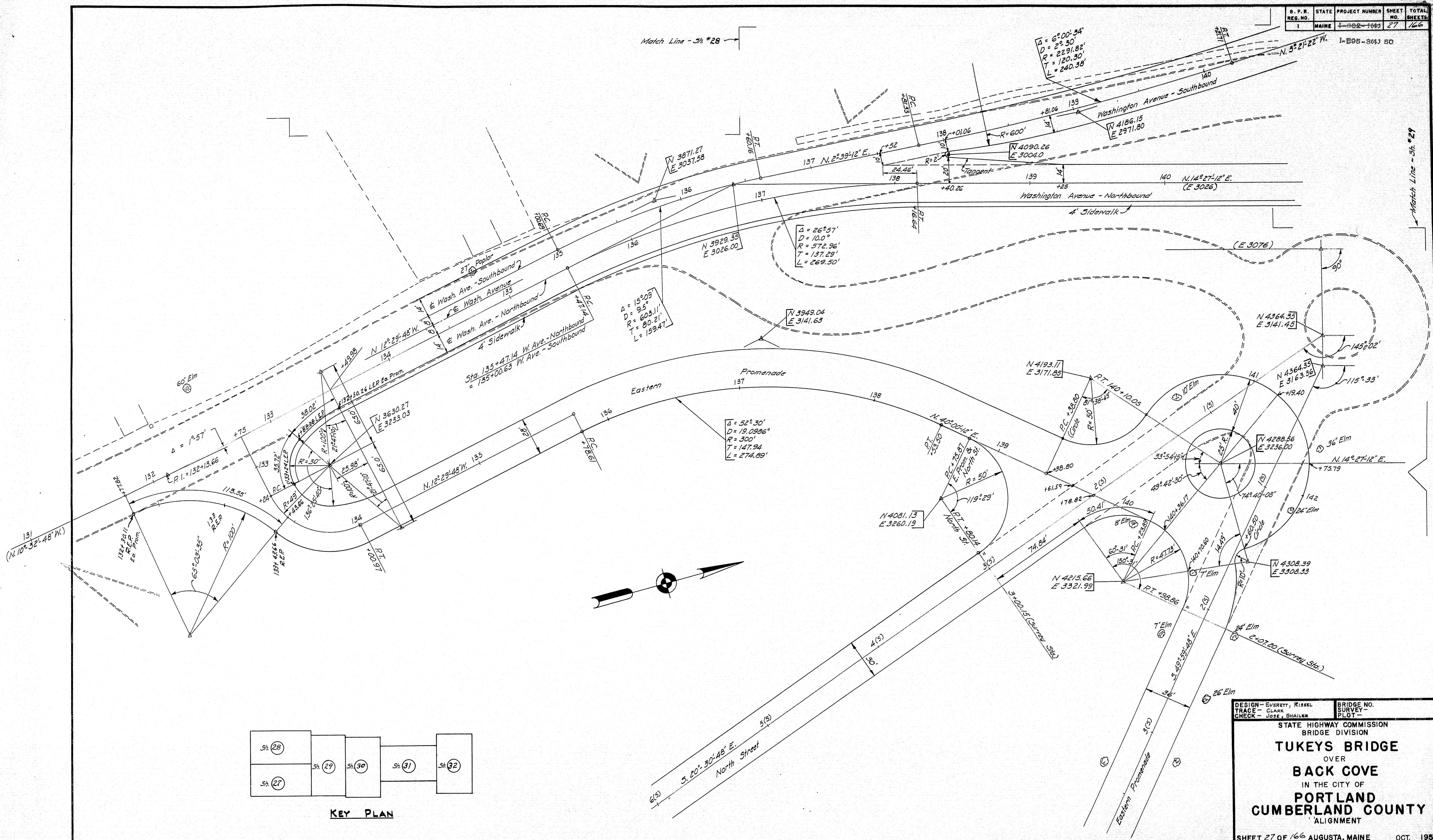
$\Delta = 10^{\circ}00'$ $Es = 5.25'$
 $Ls = 180.00'$ $T.S. = 180.32'$
 $Dc = 5^{\circ}33'20''$ $LT = 120.05'$
 $Rc = 1031.32'$ $ST = 60.04'$
 $\theta c = 5^{\circ}00'$ $Ps = 1.31'$
 $Lc = 0.00'$ $\Delta c = 0^{\circ}00'$ $Yc = 5.23'$ $k = 89.98'$

— W — WATER LINE
 — G — GAS LINE
 — N.E.T. — TELEPHONE ⓐ = Abandon.

Intercept Line with C.B. Cut-off line 'K'
L3-1. See Grading Plan.

DESIGN - TRACE - CLARK CHECK -	BRIDGE NO. SURVEY - BLAKE PLOT - P. WENTZEL
STATE HIGHWAY COMMISSION BRIDGE DIVISION TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
SURVEY - SCALE 1" = 30" SHEET 25 OF 166 AUGUSTA, MAINE JULY 1956	





DESIGN - EVERETT, RISSSEL
 TRACE - CLARK
 CHECK - JOSE, SHAILER

BRIDGE NO. 36
 SURVEY - 1957

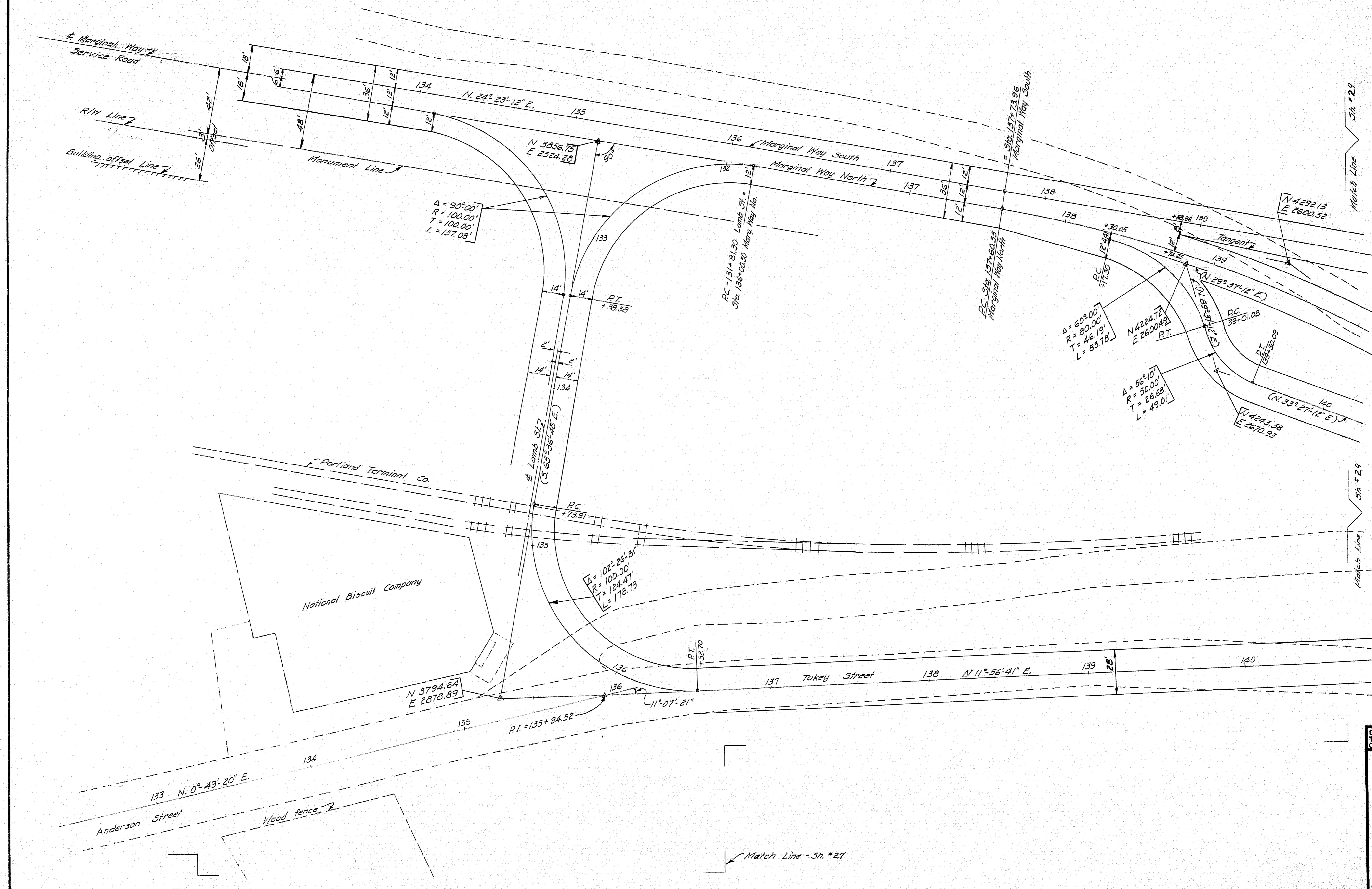
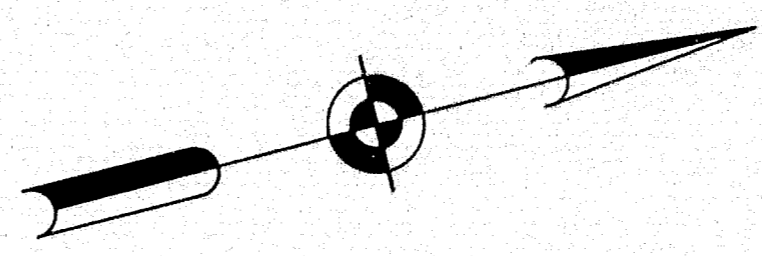
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 ALIGNMENT

SHEET 27 OF 166 AUGUSTA, MAINE OCT. 1957

S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-885-144	28	166

I-B95-84) 50



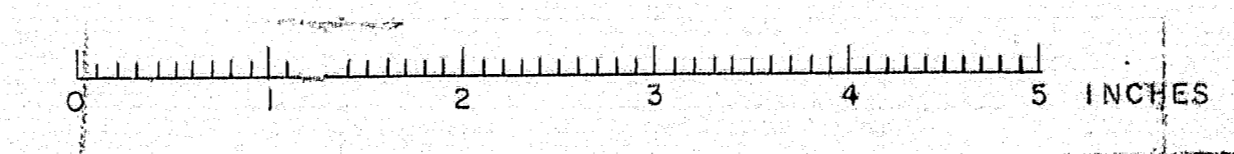
DESIGN - EVERETT, RIGSEL	BRIDGE NO.
TRACE - CLARK	SURVEY -
CHECK - JOSE, SHALLER	PLOT

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
ALIGNMENT

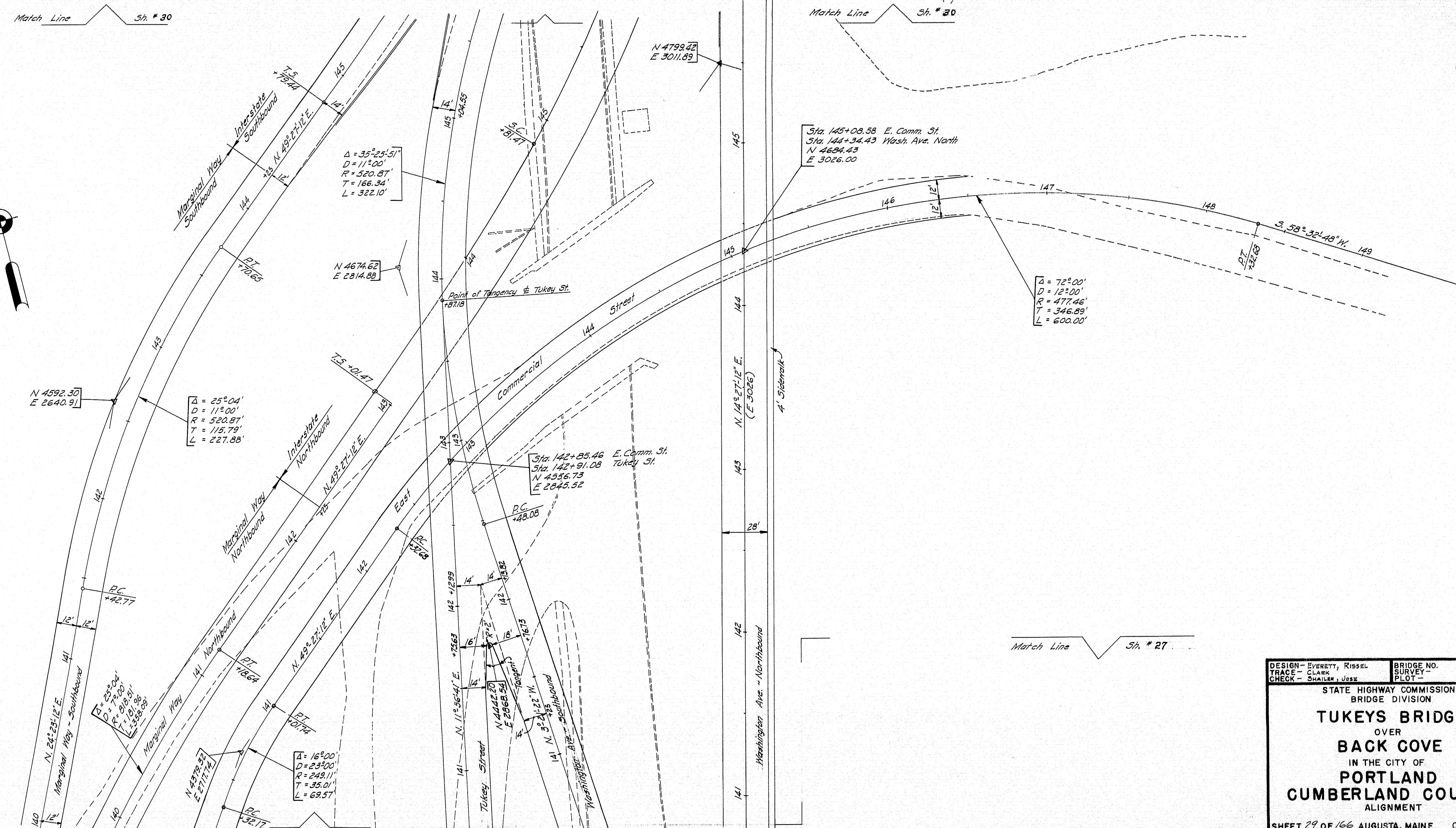
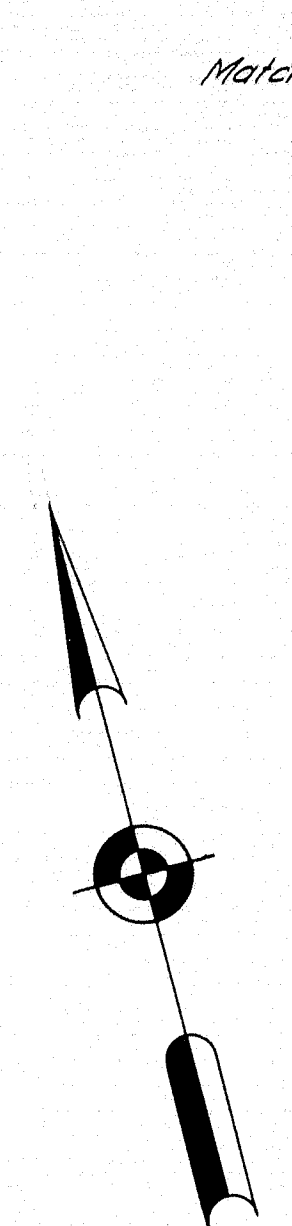
SHEET 28 OF 166 AUGUSTA, MAINE OCT. 1957.

76-28



D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-882-144	29	166

I-B95-3(4) 50



Match Line - Sh. # 28

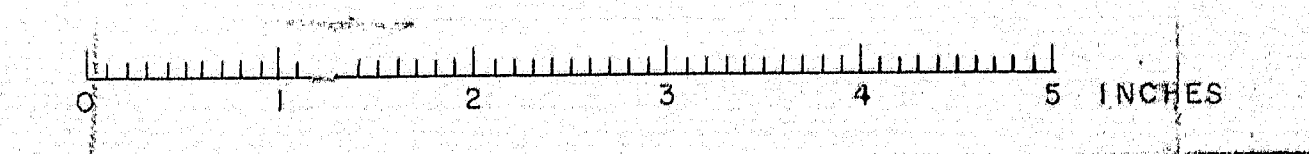
Match Line Sh. # 27

DESIGN - EVERETT, RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY -
CHECK - SWAILER, JESS	PILOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
ALIGNMENT

SHEET 29 OF 166 AUGUSTA, MAINE OCT. 1957.

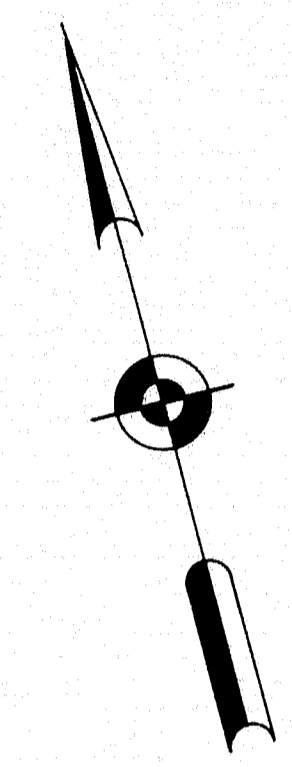


R. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-082-164	30	166

I-B96-3(2) 50

Match Line Sheet #31

Match Line Sh. #31



$\Delta = 35.00^\circ$
 $Dc = 6.8'$
 $Rc = 842.58'$
 $Ls = 180'$
 $P = 1.60'$
 $X = 179.79'$
 $Y = 6.40'$
 $\theta s = 6.12^\circ$

$\Delta c = 22.76^\circ$
 $k = 89.97'$
 $L.T. = 120.07'$
 $S.T. = 60.06'$
 $L.C. = 179.91'$
 $Es = 42.57'$
 $T.S. = 356.14'$
 $Arc = 334.70'$

$\Delta = 35^\circ 00'$
 $Dc = 6.9'$
 $Rc = 830.57'$
 $Ls = 180.00'$
 $P = 1.63'$
 $Xc = 179.79'$
 $Yc = 6.50'$
 $\theta s = 6.21^\circ$

$\Delta c = 22.58^\circ$
 $k = 89.97'$
 $L.T. = 120.07'$
 $S.T. = 60.07'$
 $L.C. = 179.90'$
 $Es = 42.01'$
 $Ts = 352.30'$
 $Arc = 327.24'$

N 4852.49
E 2845.23

N 4896.47
E 3002.20 @ B Apple

Match Line - Sh. #29

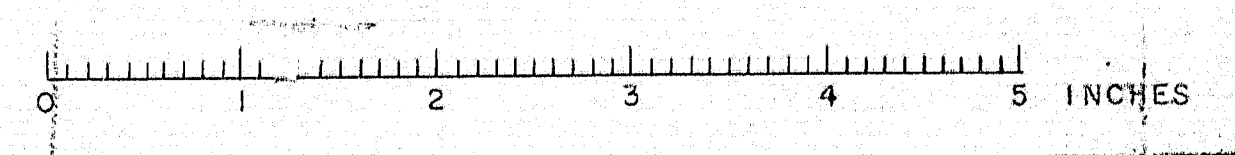
Match Line Sh. #29

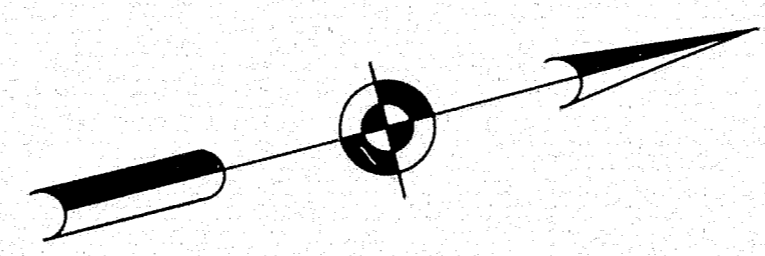
DESIGN - EVERETT, RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY -
CHECK - JOSE, SHAILER	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

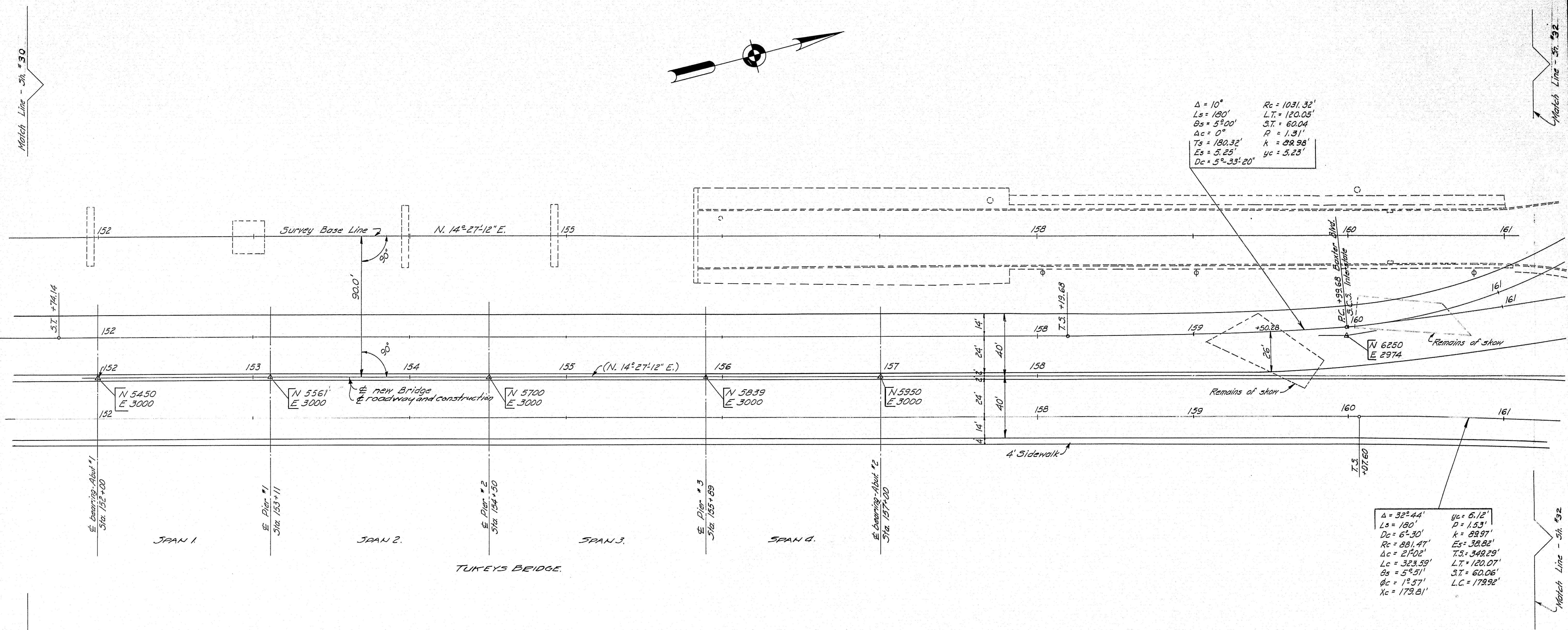
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
ALIGNMENT

SHEET 30 OF 166 AUGUSTA, MAINE OCT. 1957





$\Delta = 10^\circ$ $R_c = 1031.32'$
 $L_s = 180'$ $L.T. = 120.05'$
 $O_s = 5^\circ 00'$ $S.T. = 60.04'$
 $\Delta c = 0'$ $P = 1.31'$
 $T_s = 180.32'$ $k = 88.98'$
 $E_s = 5.25'$ $y_c = 5.23'$
 $D_c = 5^\circ 33' 20''$



$\Delta = 32^\circ 44'$ $y_c = 5.12'$
 $L_s = 180'$ $D = 1.53'$
 $D_c = 6^\circ 30'$ $k = 88.97'$
 $R_c = 881.47'$ $E_s = 38.82'$
 $\Delta c = 2^\circ 02'$ $T.S. = 348.29'$
 $L_c = 323.59'$ $L.T. = 120.07'$
 $O_s = 5^\circ 51'$ $S.T. = 60.06'$
 $\phi c = 1^\circ 37'$ $L.C. = 173.81'$
 $X_c = 173.81'$

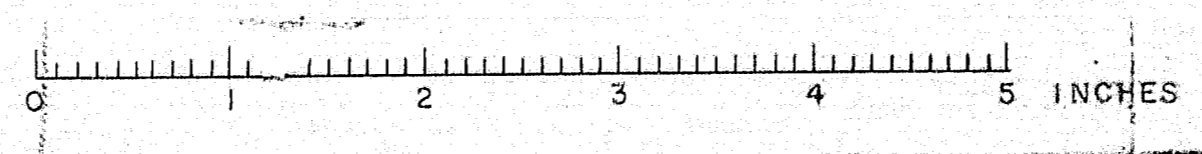
GENERAL NOTES

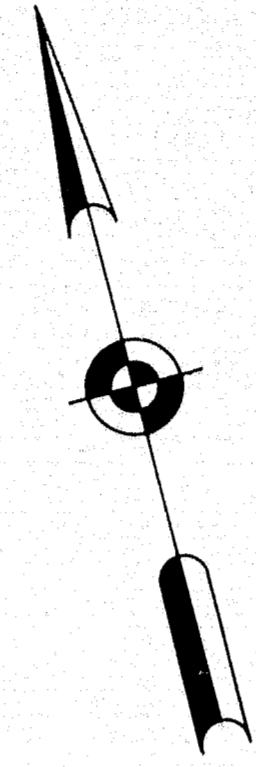
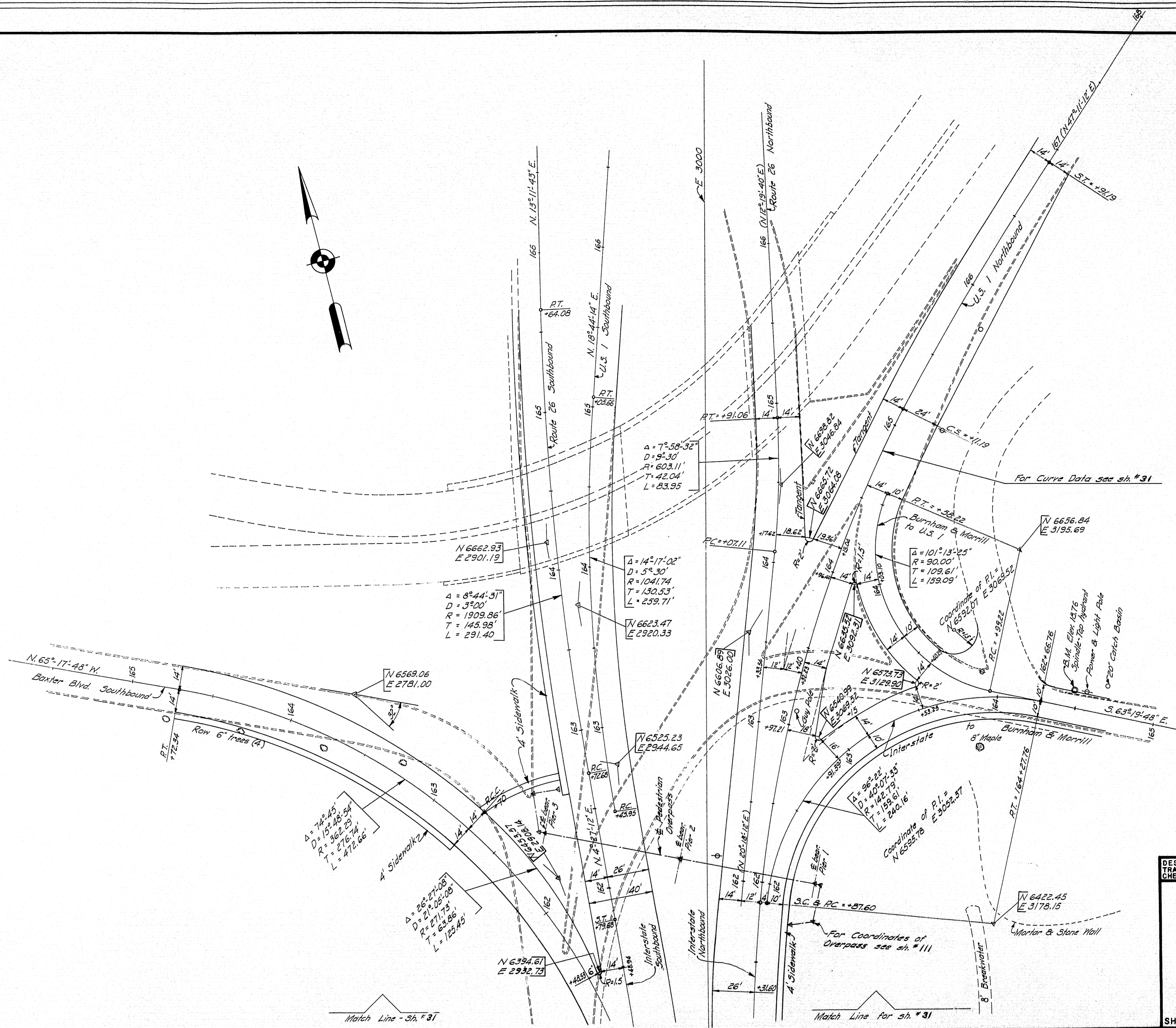
Survey Base Line: Center Line of existing Tukeys Bridge
 Coordinates Easterly: Based on center line of new bridge equals E 3000, located 90.0' Easterly and parallel to Survey Base Line, N. 14° 27' 12" E.
 Coordinates Northerly: Based on a line at right angles to Survey Base Line at Sta. 147+50 equals N 5000.
 All curves: Arc designation
 Datum: Mean Sea Level = Elevation 0.0
 Scale: One inch = 30 feet
 Stationing for project refers to that for "Existing Tukeys Bridge", with center line of bearing Abutment #1 offset 90 feet and set at Sta. 132+00, the control station, with coordinates N 5450 - E 3000.

DESIGN - EVERETT, RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY -
CHECK - JOSE, LANGFORD	PLOT -

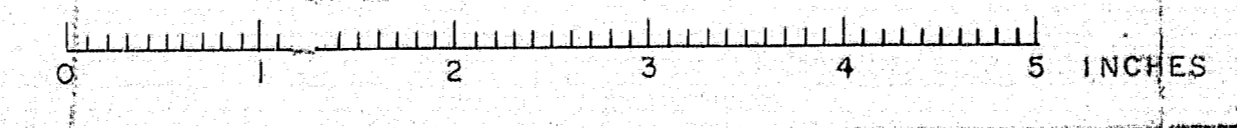
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
ALIGNMENT

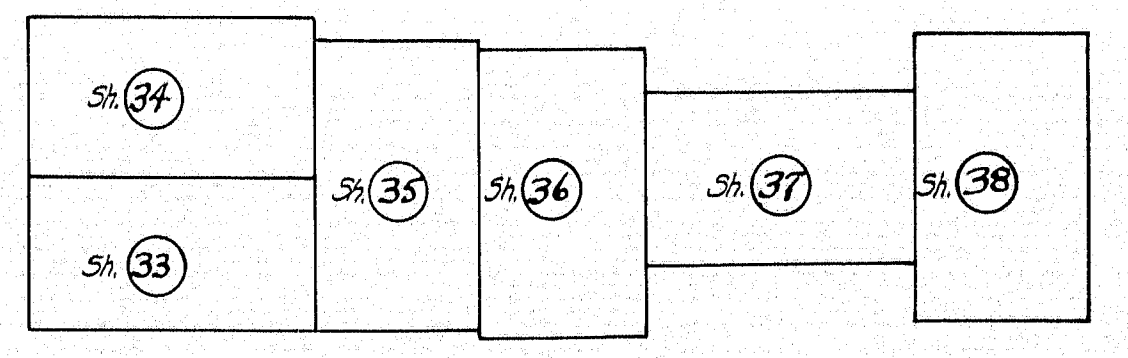
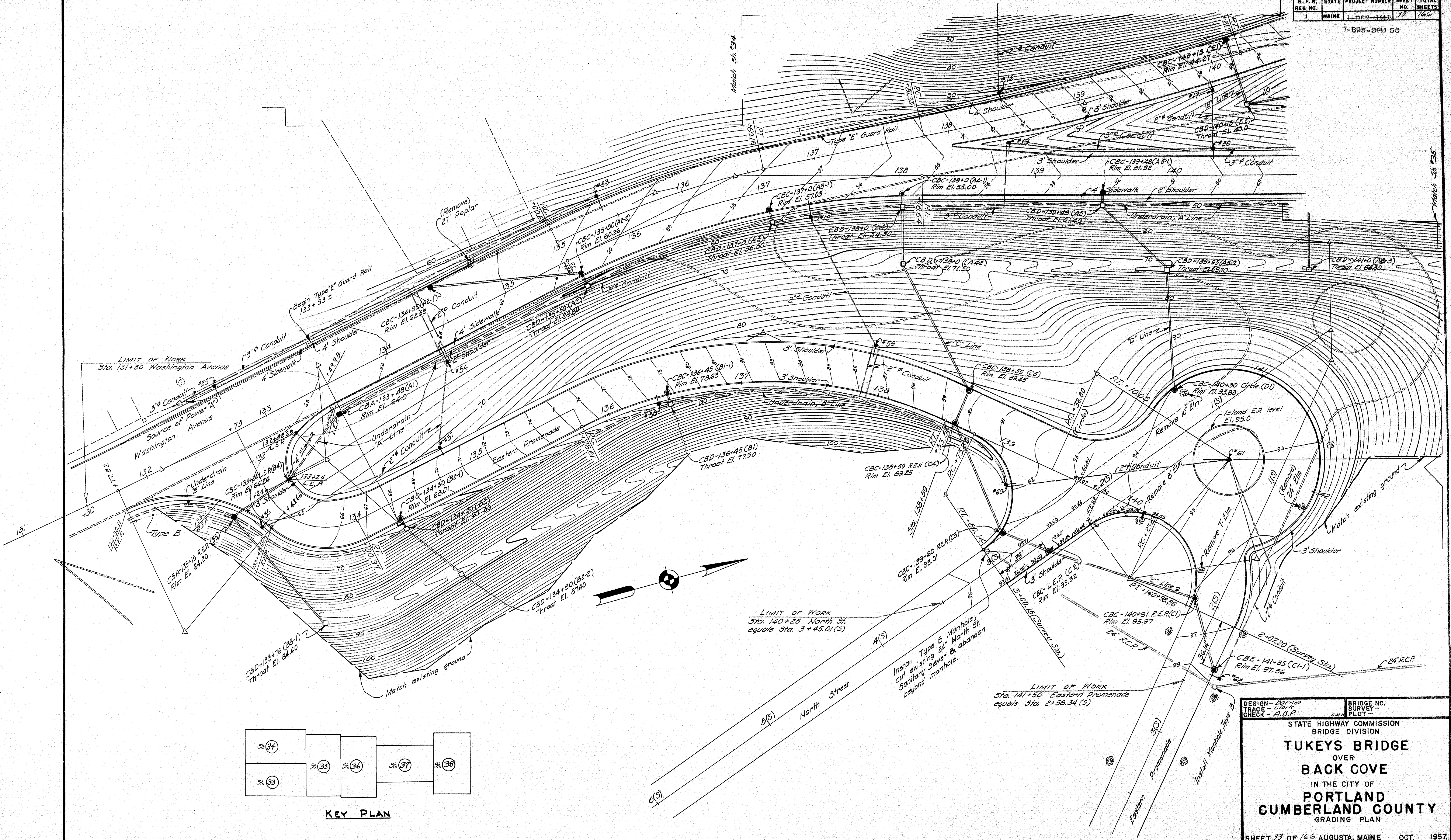




DESIGN - RISSEL	BRIDGE NO. SURVEY - PLOT -
TRACE - CLARK	STATE HIGHWAY COMMISSION
CHECK - LANFORD JOSE	BRIDGE DIVISION
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
ALIGNMENT	
SHEET 32 OF 166	AUGUSTA, MAINE
	OCT. 1957



S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3(4) 50	33	166



KEY PLAN

LIMIT OF WORK
Sta. 140+25 North St.
equals Sta. 3+45.01(5)

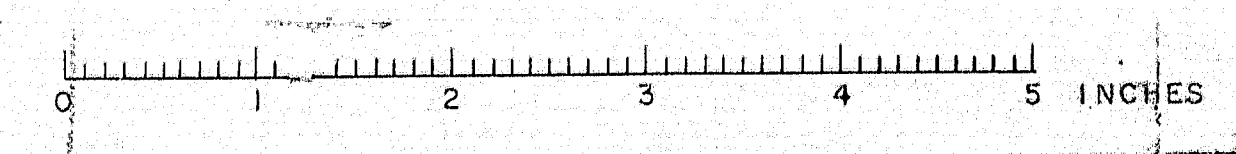
LIMIT OF WORK
Sta. 141+50 Eastern Promenade
equals Sta. 2+58.34(5)

DESIGN - <i>Burns</i>	BRIDGE NO. SURVEY -
TRACE - <i>Clark</i>	PL 01 -
CHECK - <i>A. B. P.</i>	

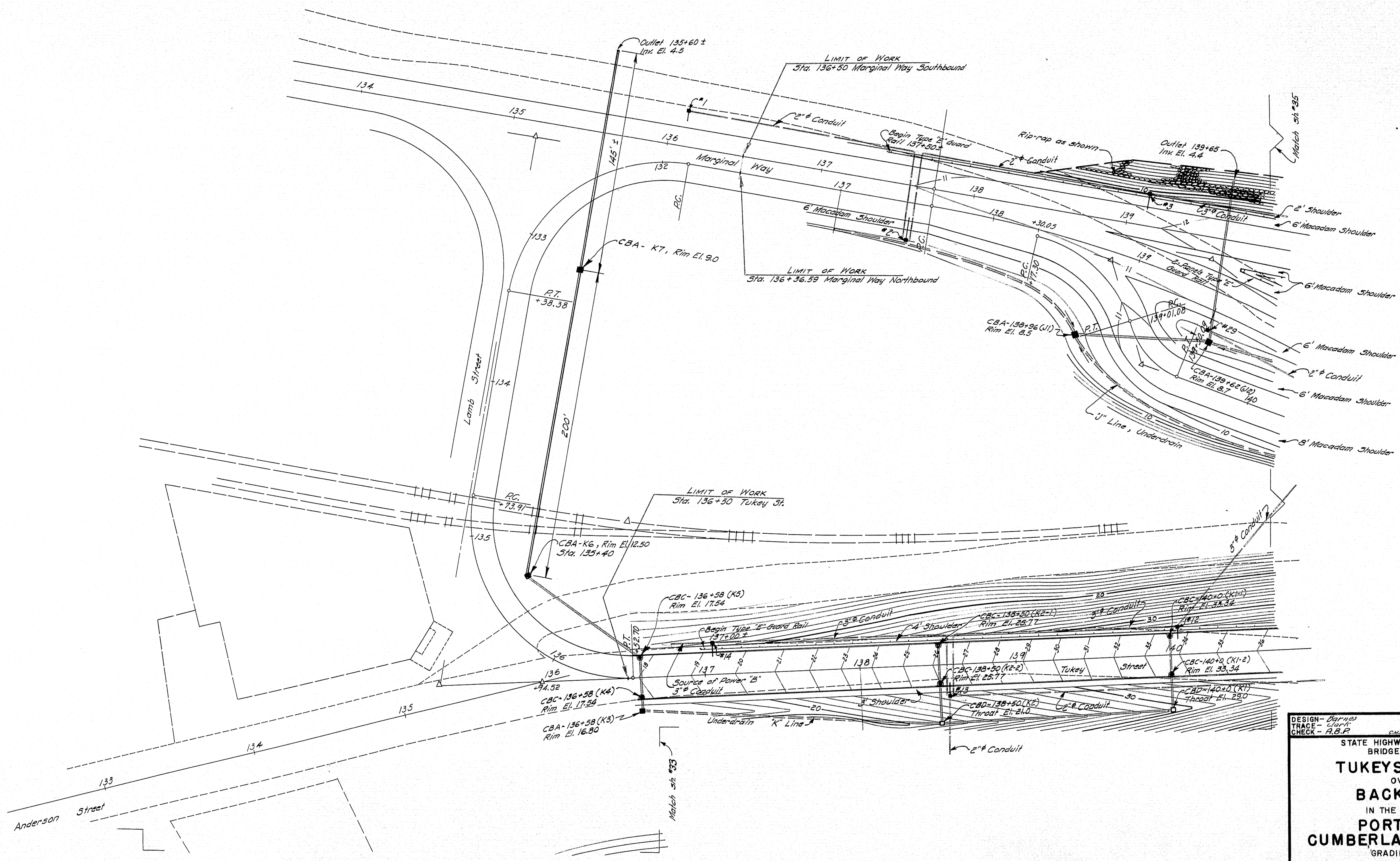
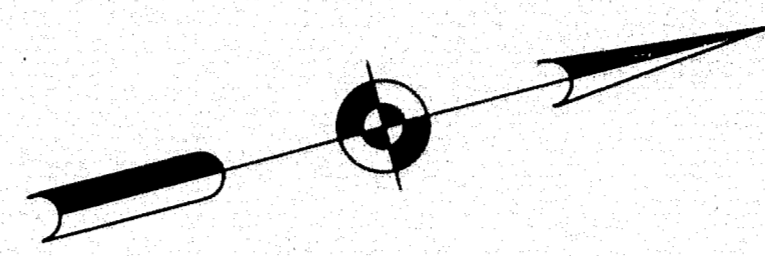
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND CUMBERLAND COUNTY
GRADING PLAN

SHEET 33 OF 166 AUGUSTA, MAINE OCT. 1957.

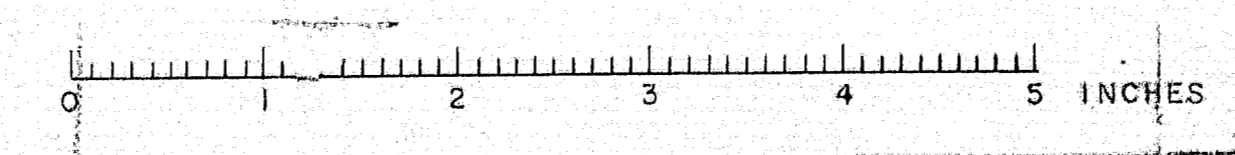


I-B95-3(4) 50



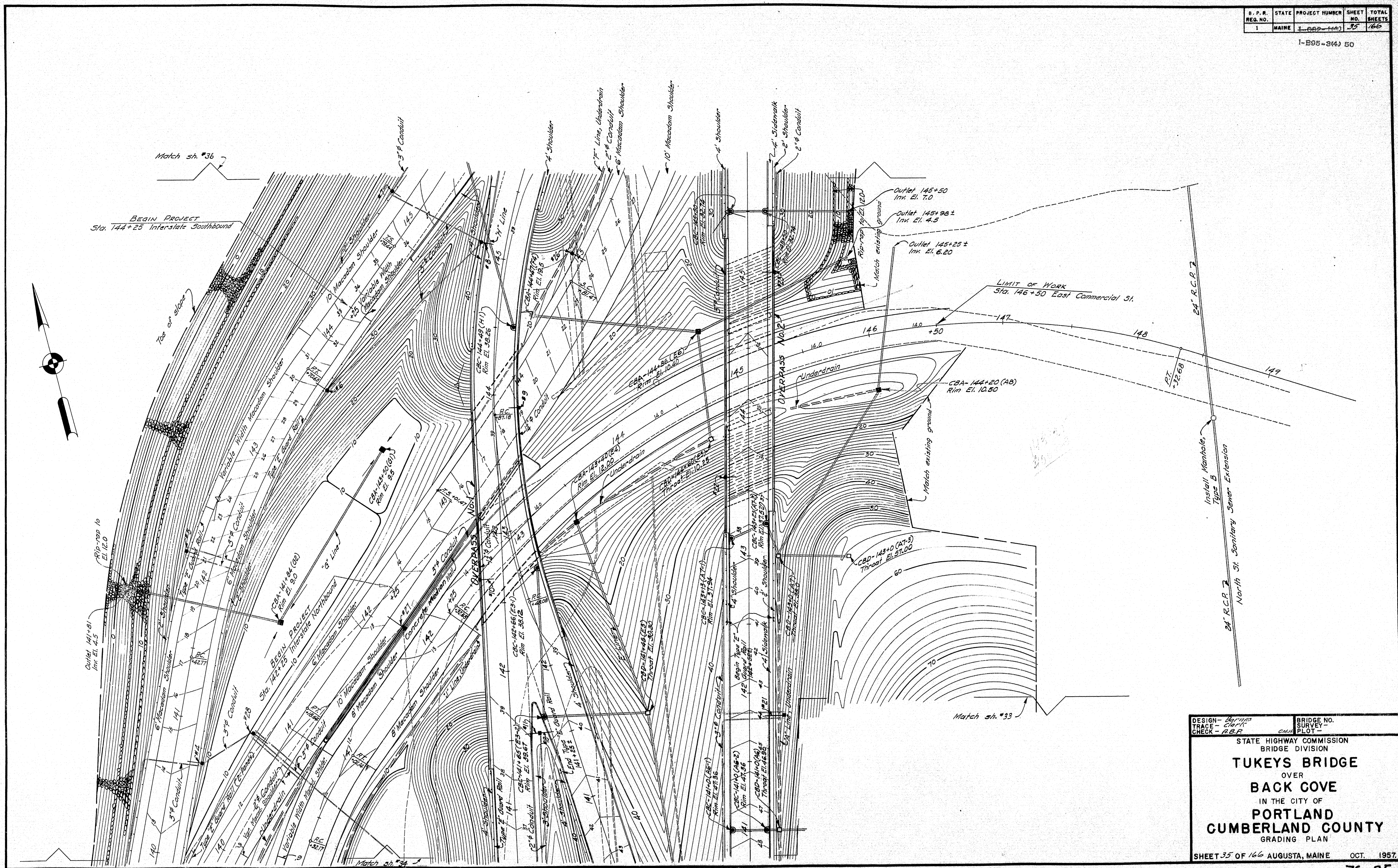
DESIGN - Barnes	BRIDGE NO.
TRACE - Clark	SURVEY -
CHECK - A.B.F.	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY GRADING PLAN	
SHEET 34 OF 166 AUGUSTA, MAINE OCT. 1957	

76-34

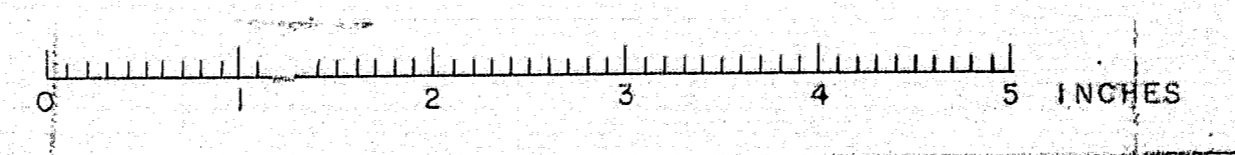


S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-682-115	35	66

I-B95-3(4) 50

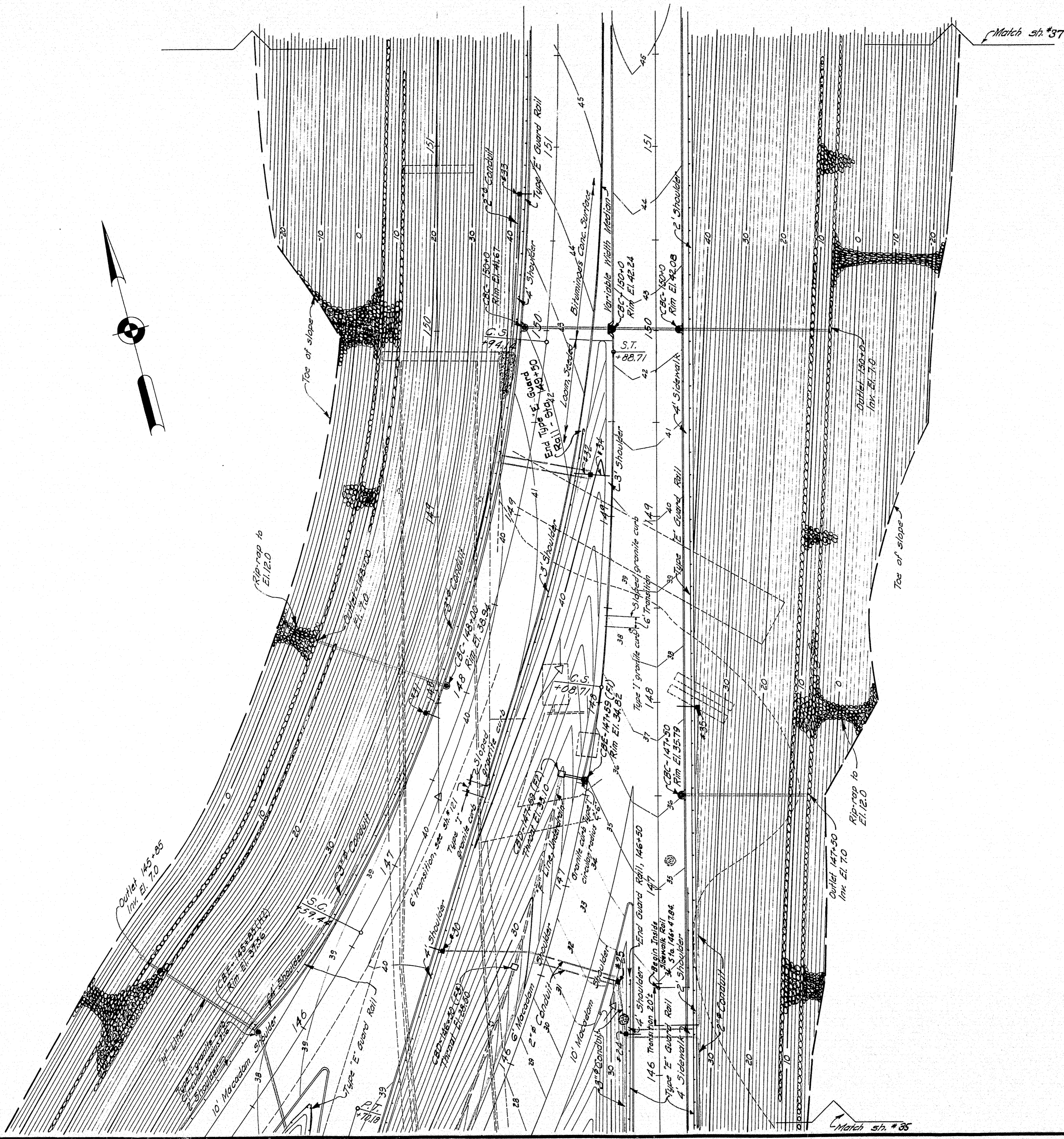


DESIGN - <i>Berrios</i>	BRIDGE NO. -
TRACE - <i>Clark</i>	SURVEY PLOT -
CHECK - <i>A.B.F.</i>	CHIEF -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
GRADING PLAN	
SHEET 35 OF 166 AUGUSTA, MAINE OCT. 1957	



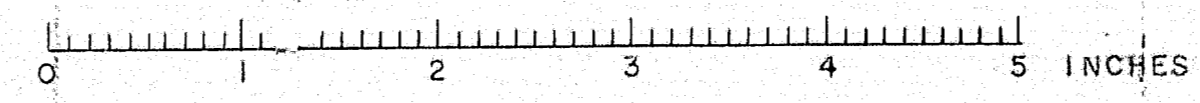
REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	2-APP-1443	36	166

I-295-3(4) 50



Revised Guard Rail - Extended Guard Rail
 on Interstate Southbound to Sta. 149+50
 8-28-61 M.C.R. Check - *[Signature]*

DESIGN - <i>[Signature]</i>	BRIDGE NO.
TRACE - <i>[Signature]</i>	SURVEY -
CHECK - A.B.P.	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
GRADING PLAN.	
SHEET 36 OF 166	AUGUSTA, MAINE OCT. 1957.

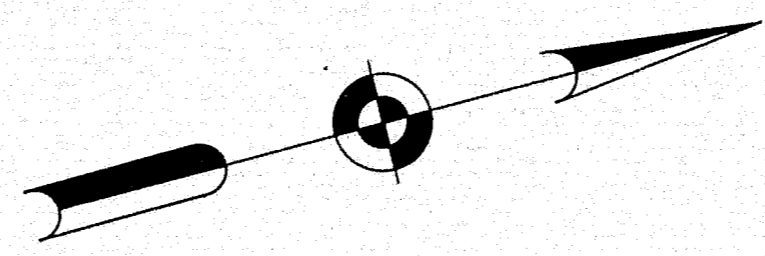
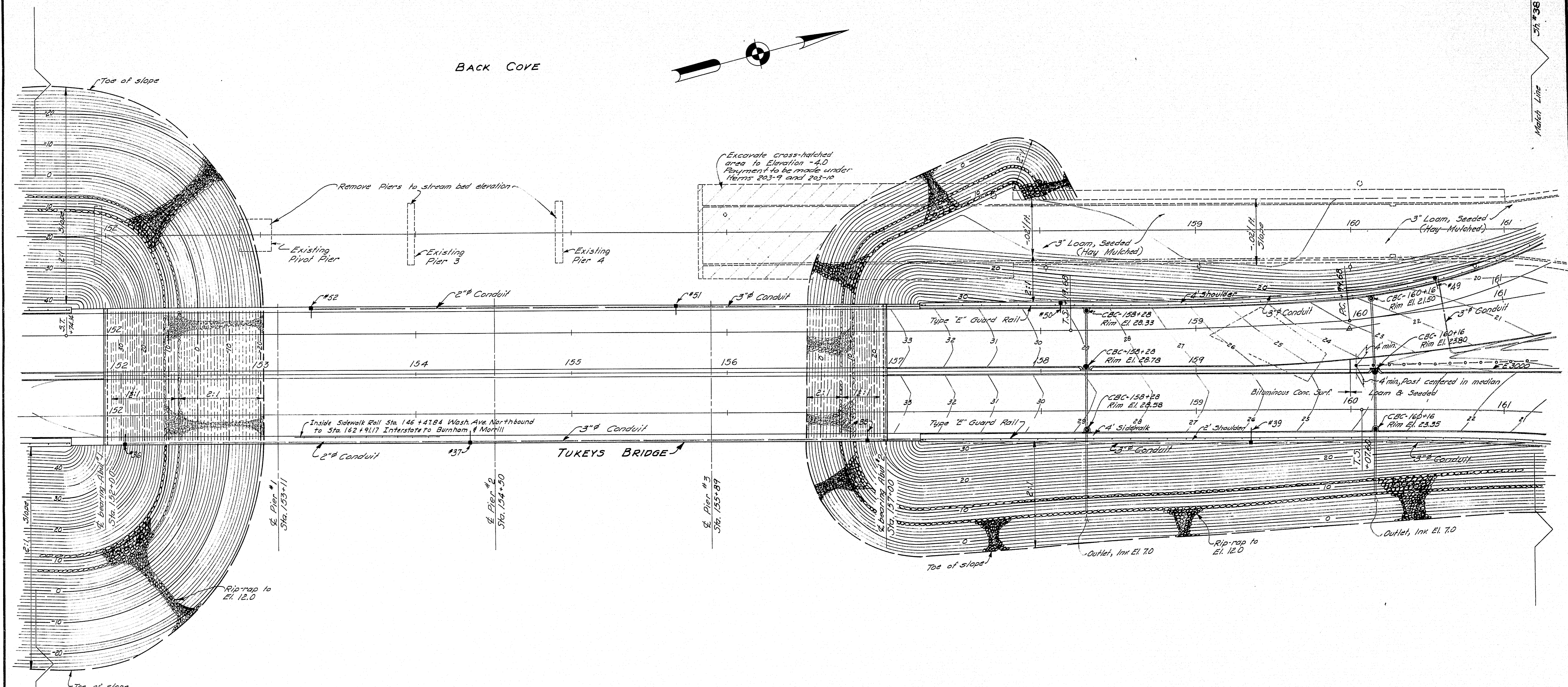


76-36

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-1022-144	37	166

1-B95-344 50

Match Line 3/4 36



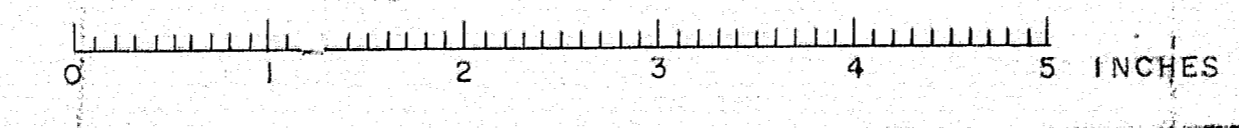
DESIGN - <i>Barras</i>	BRIDGE NO. SURVEY -
TRACE - <i>Clark</i>	PL. 01 -
CHECK - <i>A.B.P.</i>	C.M.

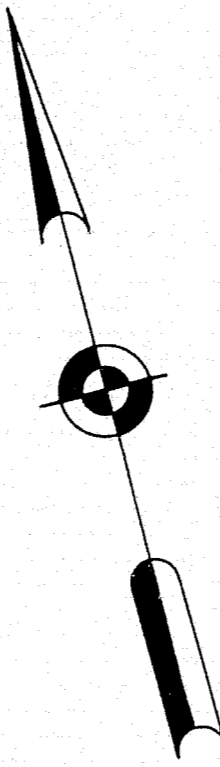
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
GRADING PLAN

SHEET 37 OF 166 AUGUSTA, MAINE OCT. 1957.

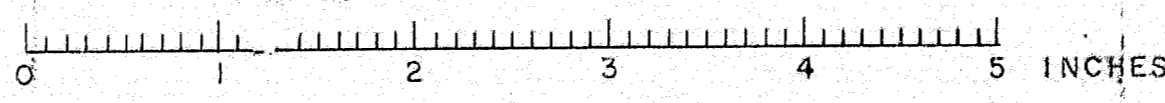
76-37

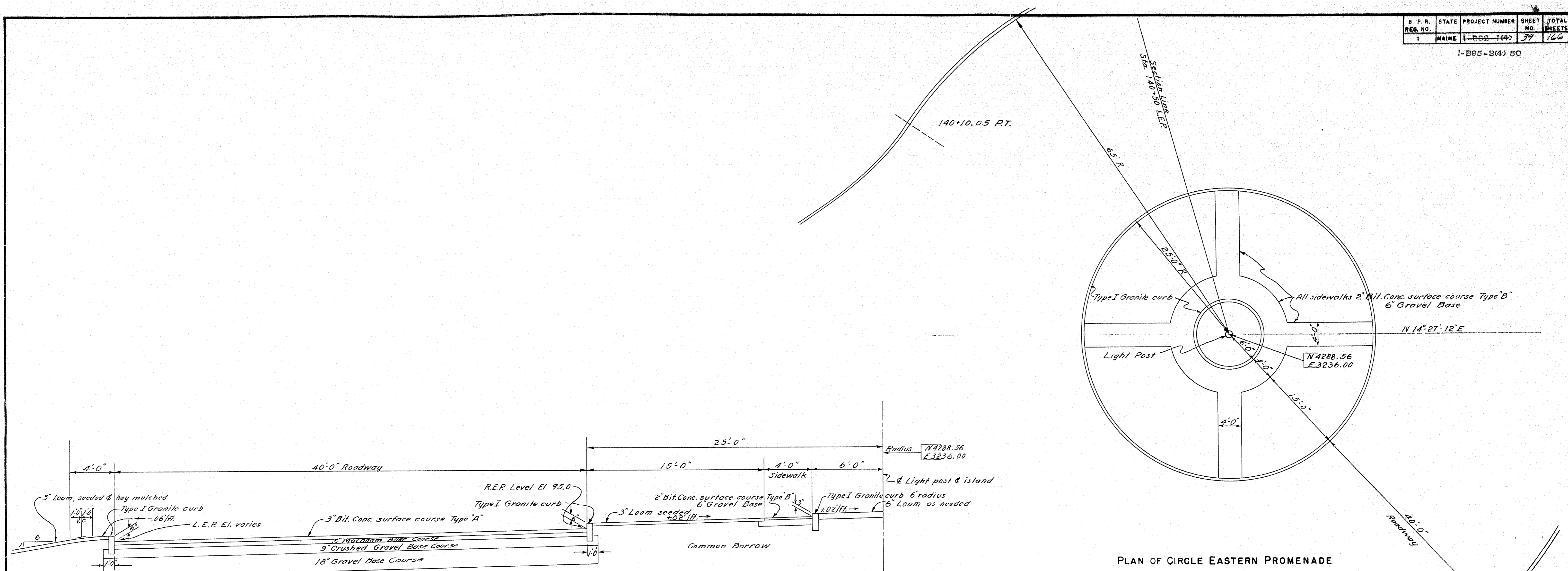




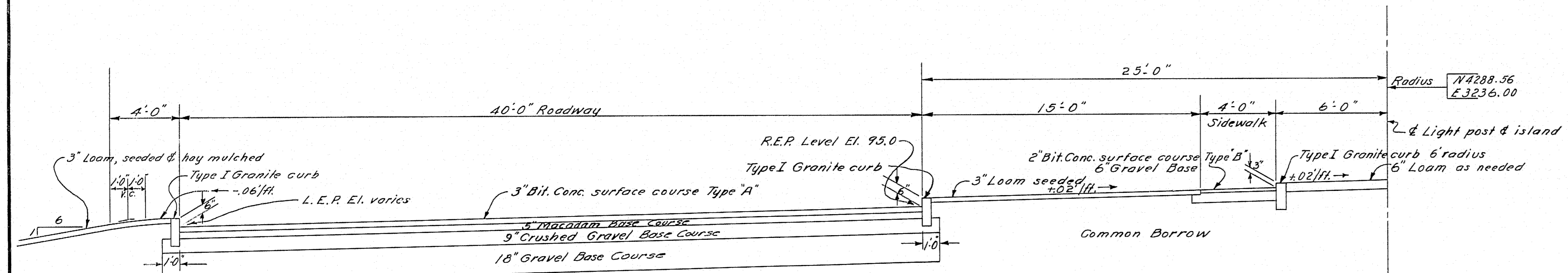
END PROJECT
Sta. 163+00 Interstate Northbound & Southbound
Project measured along Interstate Northbound

DESIGN - <i>Barrie</i>	BRIDGE NO.
TRACE - <i>Clarif</i>	SURVEY -
CHECK - <i>R.B.F.</i>	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
GRADING PLAN	
SHEET 38 OF 166 AUGUSTA, MAINE OCT. 1957.	

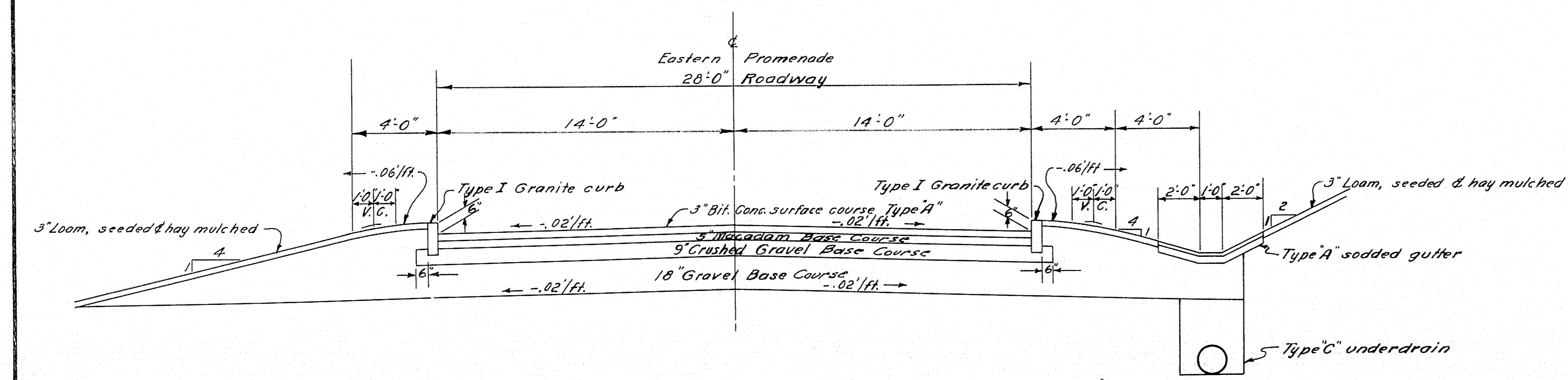




1/2 SECTION THRU CIRCLE EASTERN PROMENADE
L.E.P. 140+50 SCALE 1/4" = 1'-0"



PLAN OF CIRCLE EASTERN PROMENADE
SCALE 1/8" = 1'-0"



NORMAL SECTION EASTERN PROMENADE
134+75 TO 135+00 SCALE 1/4" = 1'-0"

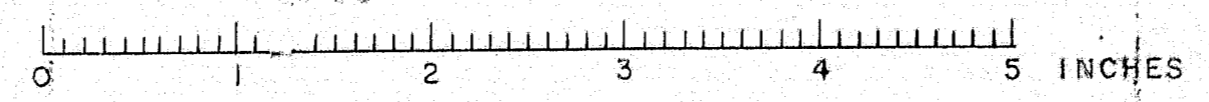
DESIGN - BARNES	BRIDGE NO.
TRACE - SAVAGE	SURVEY PLOT -
CHECK -	

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

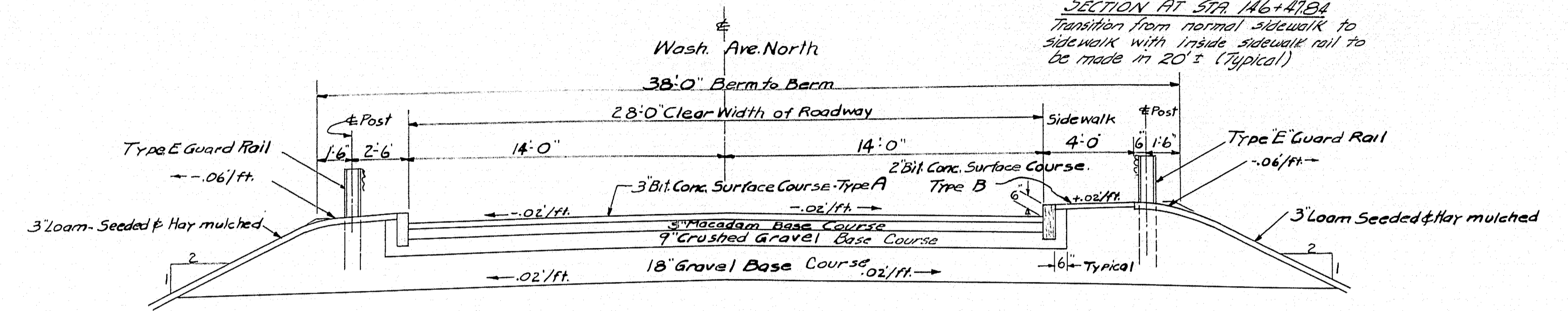
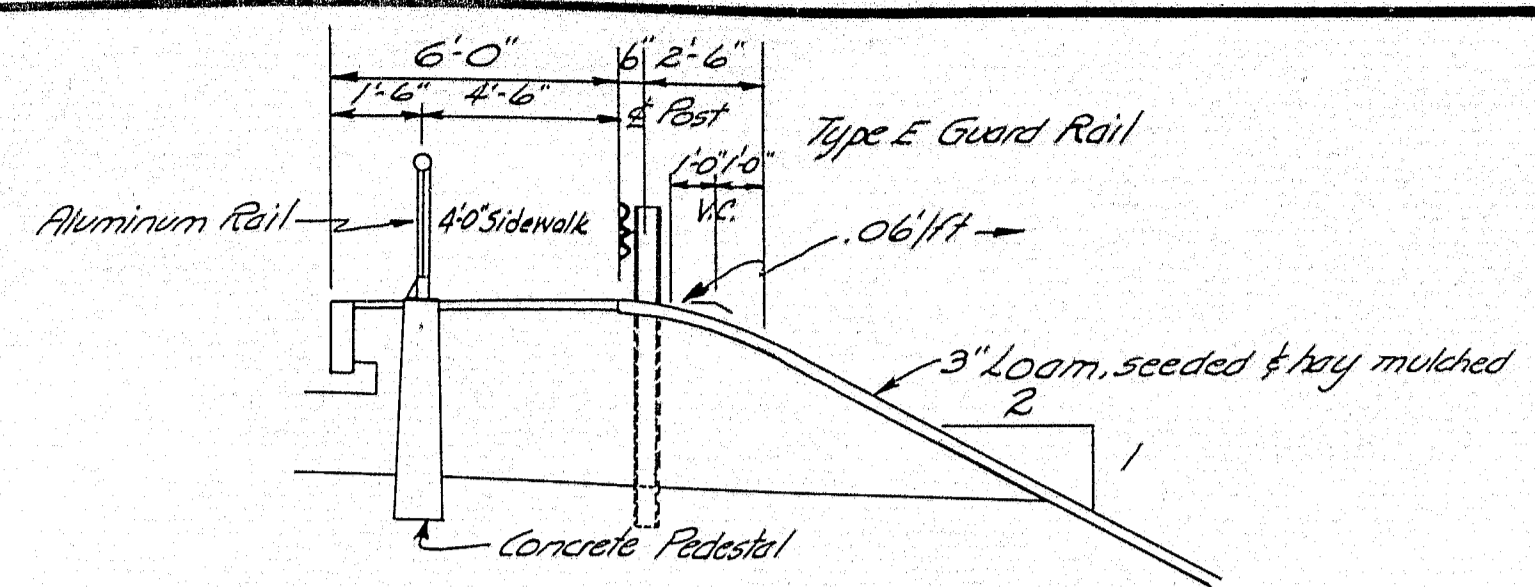
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

TYPICAL SECTIONS EASTERN PROMENADE
PLAN OF CIRCLE

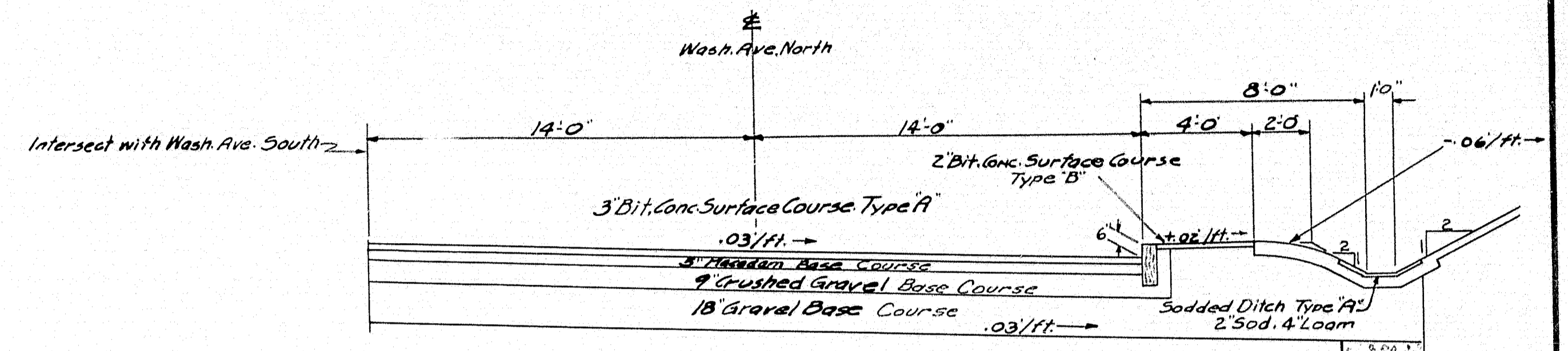
SHEET 39 OF 166 AUGUSTA, MAINE OCT. 1957



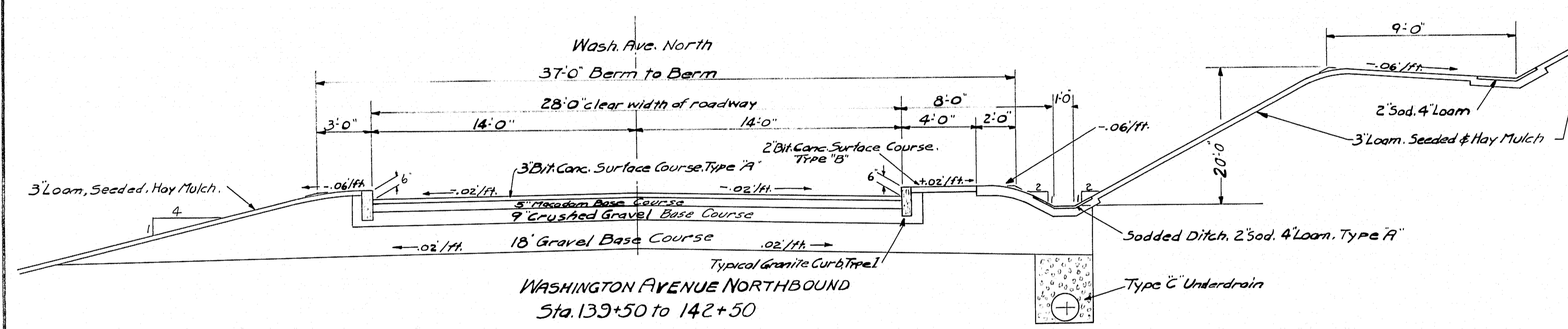
D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3(4) 50	40	166



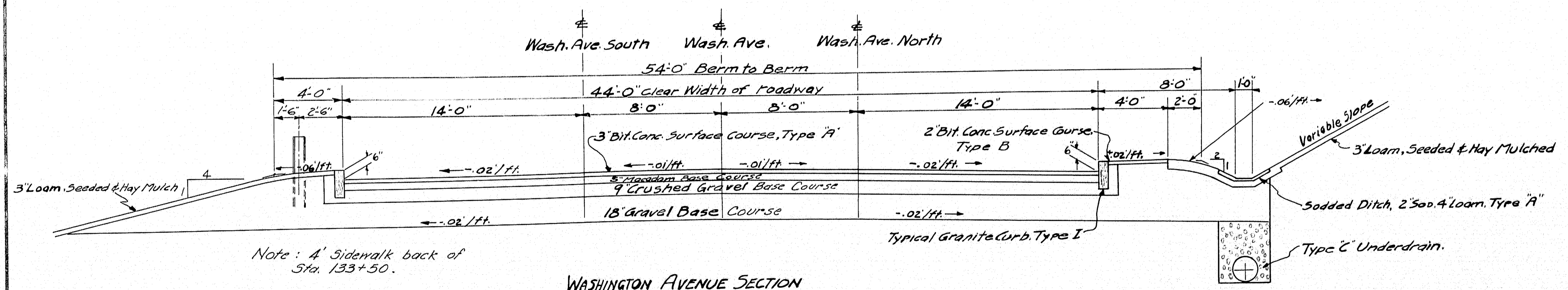
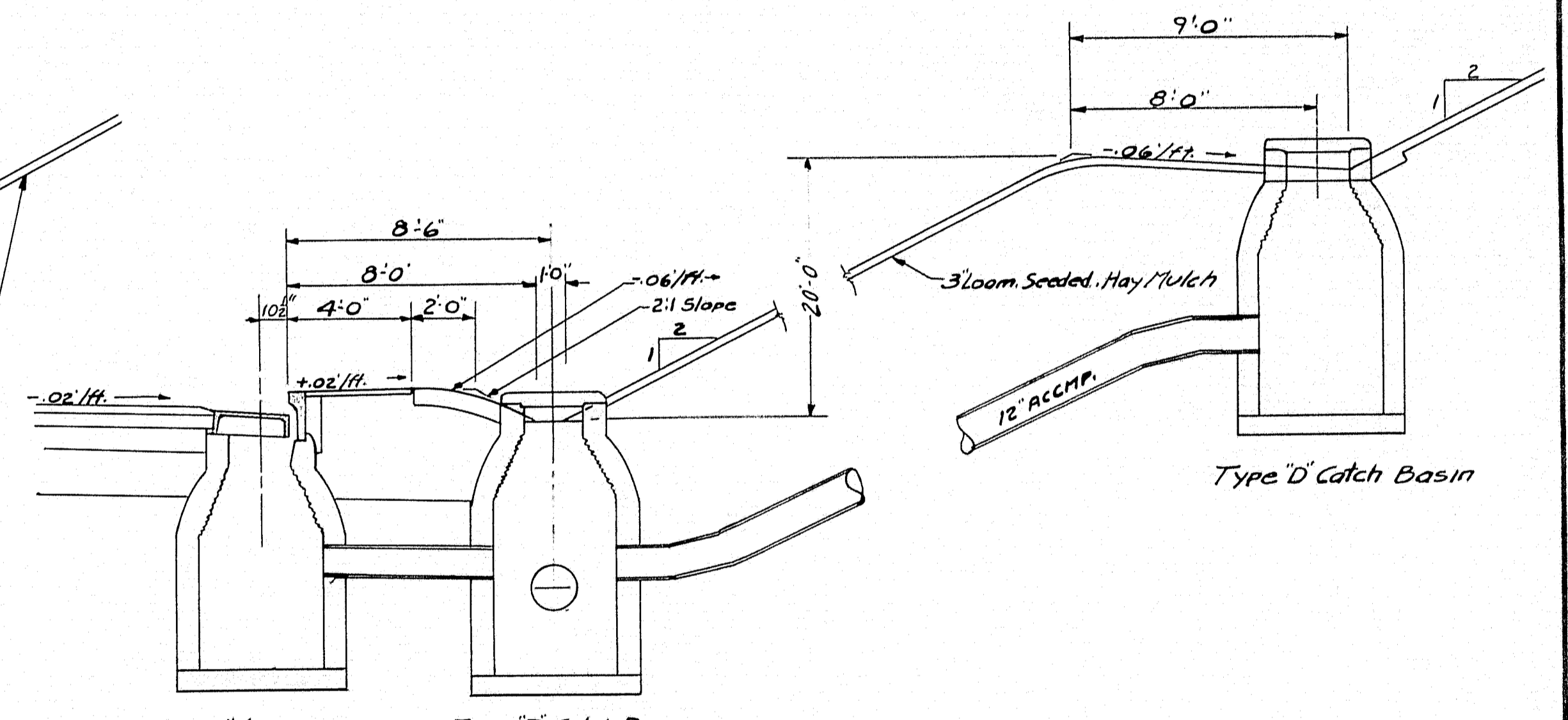
WASHINGTON AVE. NORTHBOUND
Sta. 142+50 to Sta. 143+40 and
Sta. 145+20 to Sta. 146+27.84



SUPERELEVATED SECTION WASH. AVE. NORTHBOUND
Sta. 135+75 to 137+75



WASHINGTON AVENUE NORTHBOUND
Sta. 139+50 to 142+50



Note: 4' Sidewalk back of Sta. 133+50.

WASHINGTON AVENUE SECTION
Sta. 133+50 to 134+25

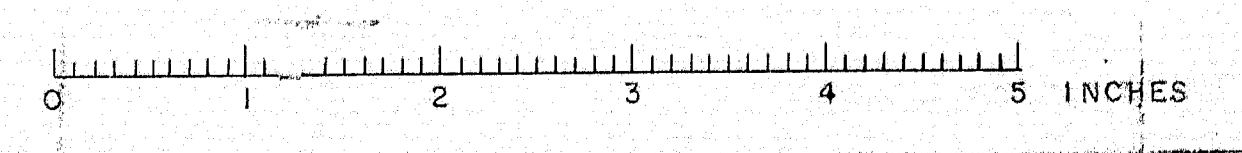
DESIGN - BARNES
TRACE - H.L. JONES
CHECK - H.L.J.

BRIDGE NO. SURVEY PLOT -

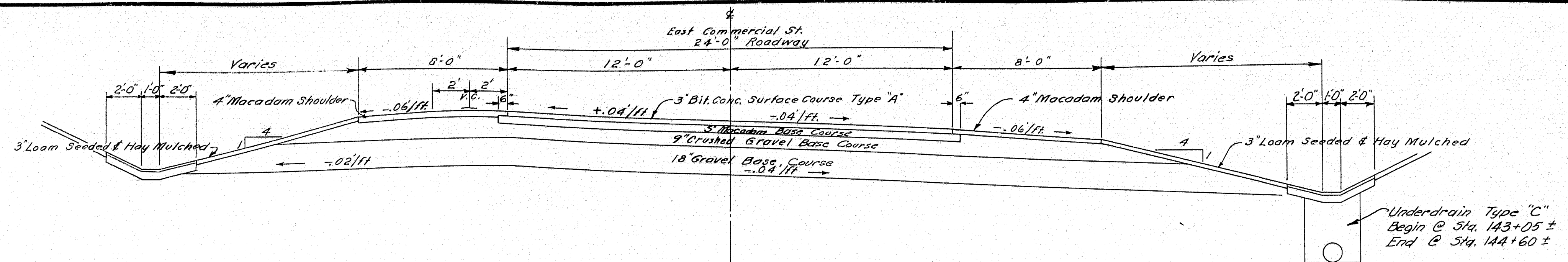
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

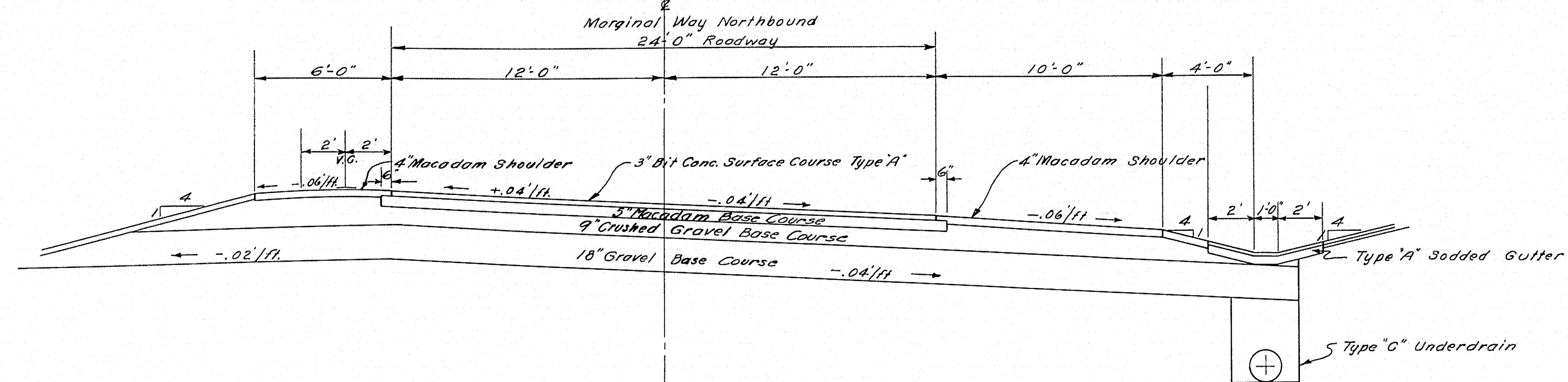
TYPICAL SECTIONS
WASHINGTON AVENUE - NORTHBOUND
SHEET 40 OF 166 AUGUSTA, MAINE OCT. 1957



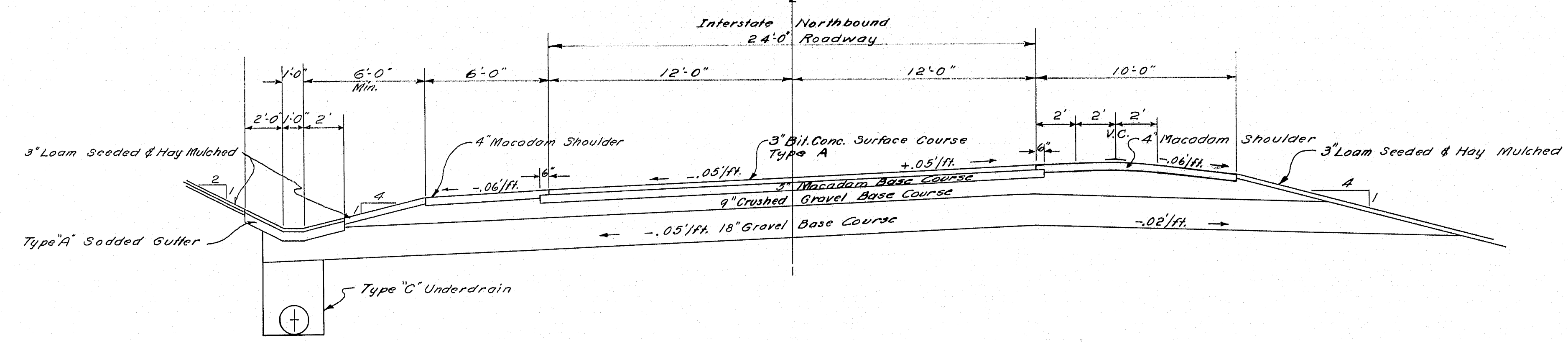
B. P. N.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
REG. NO. 1	MAINE	1-895-3(4) 50	41	166



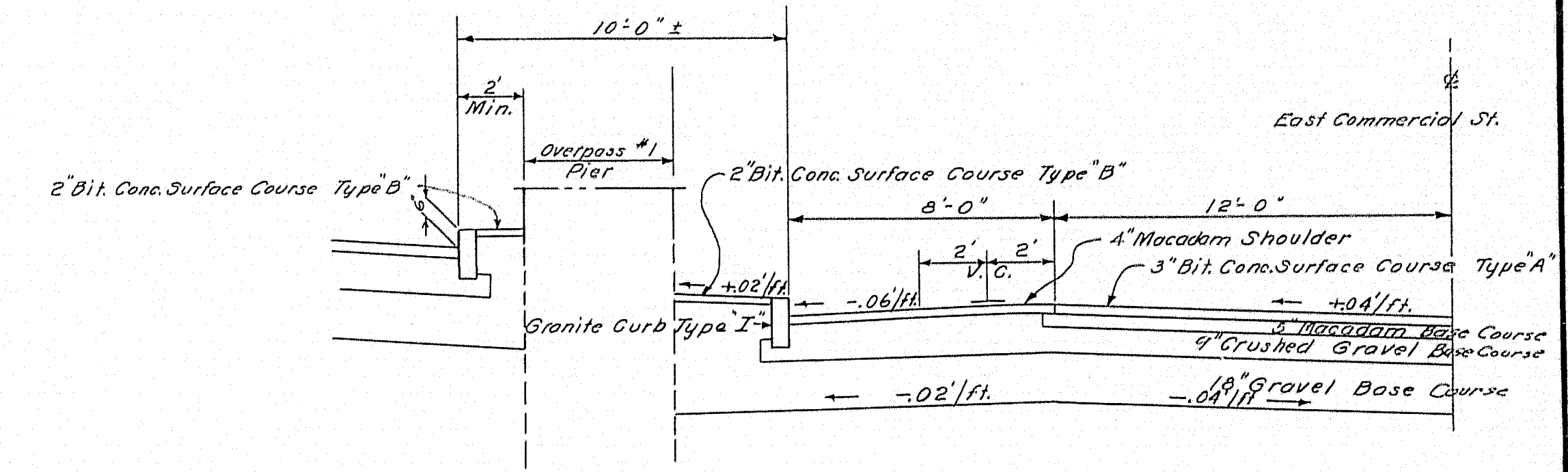
STA. 143+50 TO 146+0
SUPERELEVATED SECTION EAST COMMERCIAL STREET



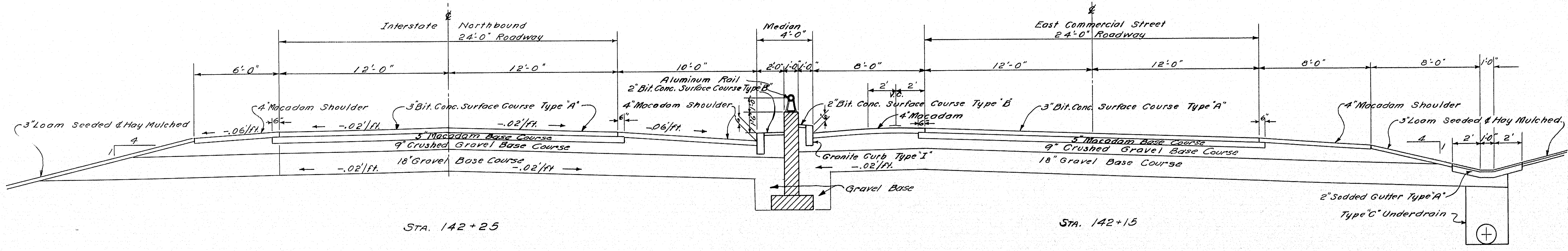
MARGINAL WAY NORTHBOUND SUPERELEVATED SECTION
Sta. 140+0 TO 140+75



INTERSTATE NORTHBOUND SUPERELEVATED SECTION
Sta. 144+75 TO 147+57.24

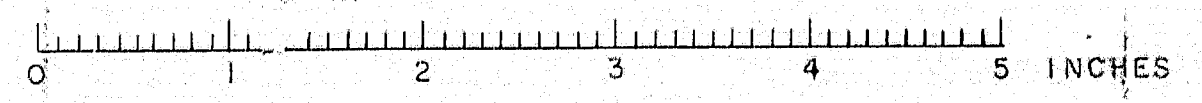


SECTION THRU MEDIAN STA 143+0 EAST COMMERCIAL STREET

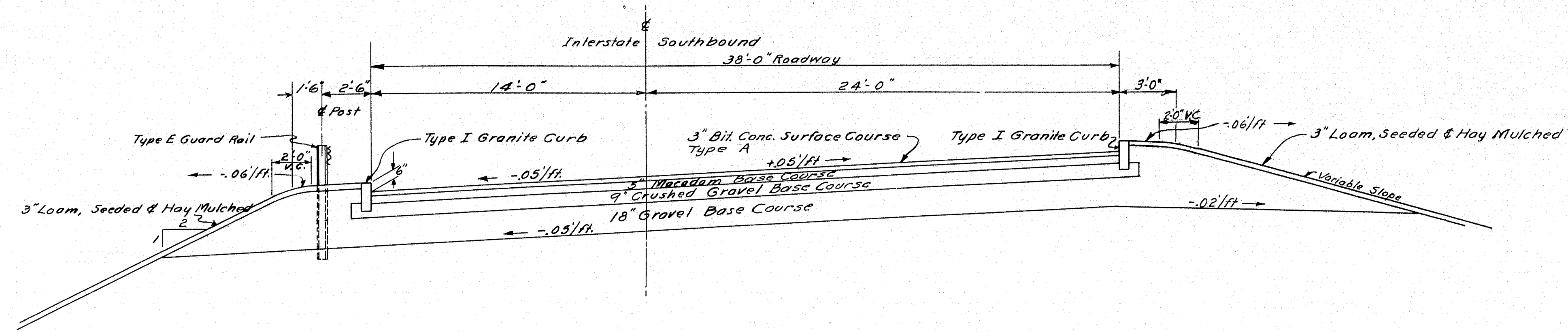


SECTION THRU INTERSTATE NORTHBOUND & EAST COMMERCIAL STREET
Scale 1/4"=1'-0"

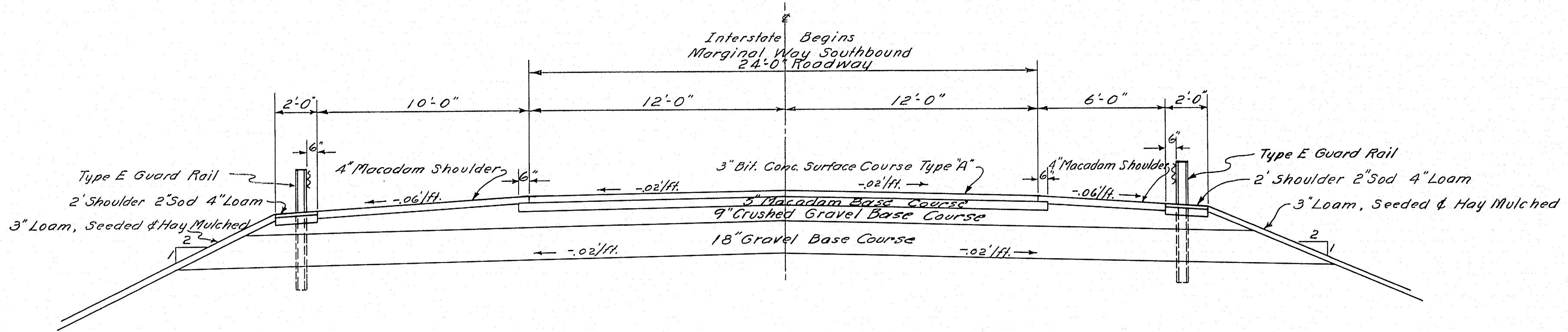
DESIGN - BARNES	BRIDGE NO.
TRACE - SAVAGE	SURVEY -
CHECK - 11/25	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
TYPICAL SECTIONS EAST COMMERCIAL STREET MARGINAL WAY-INTERSTATE NORTHBOUND	
SHEET 41 OF 166 AUGUSTA, MAINE OCT. 1957	



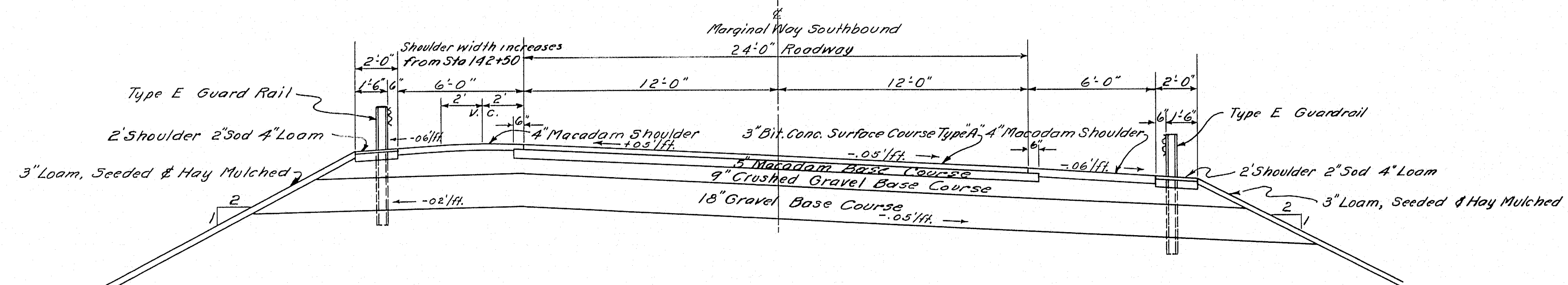
S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-3(4) 50	42	166



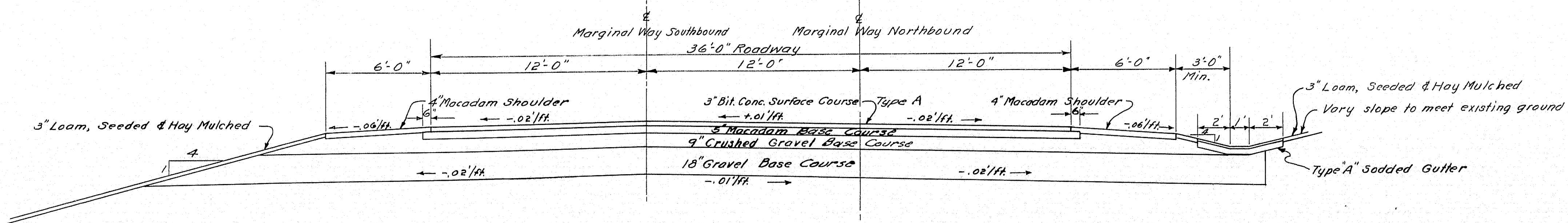
**INTERSTATE SOUTHBOUND SUPERELEVATED SECTION
STA. 148+25 TO 149+94.14**



MARGINAL WAY SOUTHBOUND STA. 144+25



**SUPERELEVATED SECTION MARGINAL WAY SOUTHBOUND
STA. 141+75 TO 142+75**

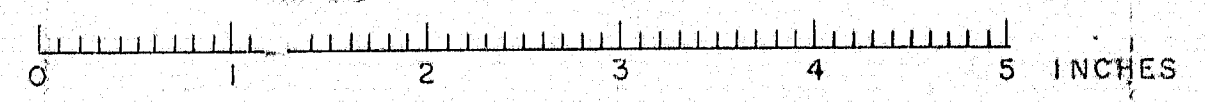


**MARGINAL WAY
STA. 136+00 TO 136+50**

DESIGN - BARNES
TRACE - SAVAGE
CHECK - WILKINSON

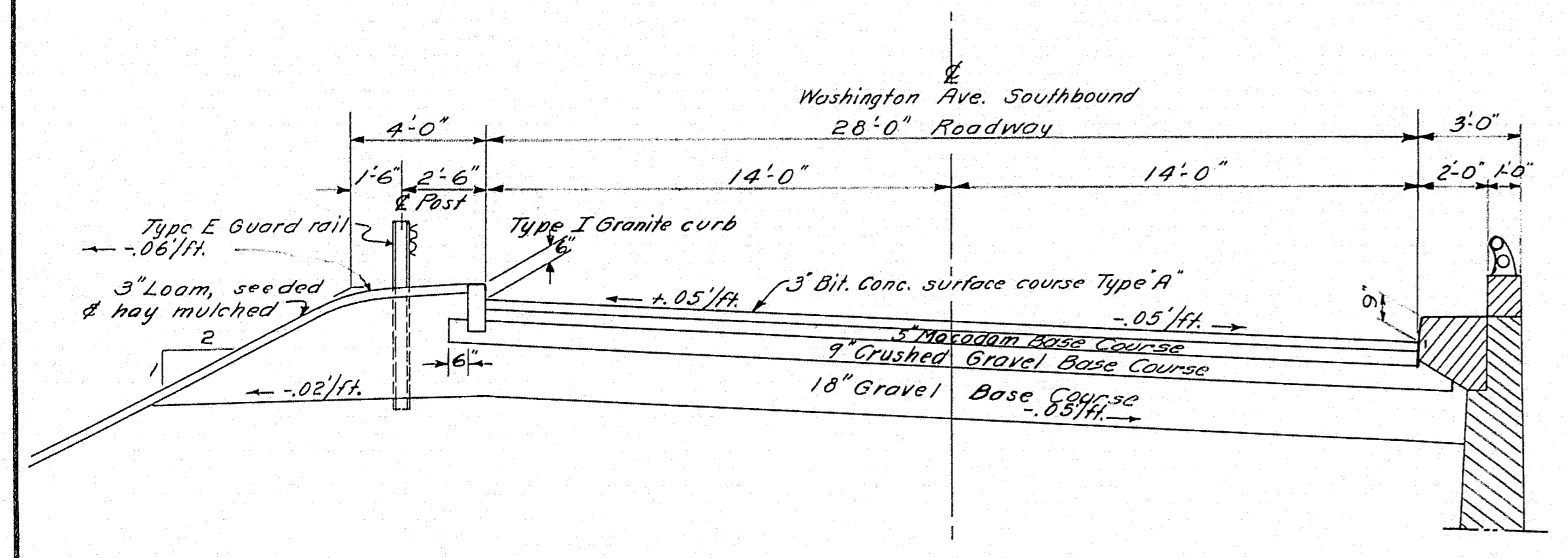
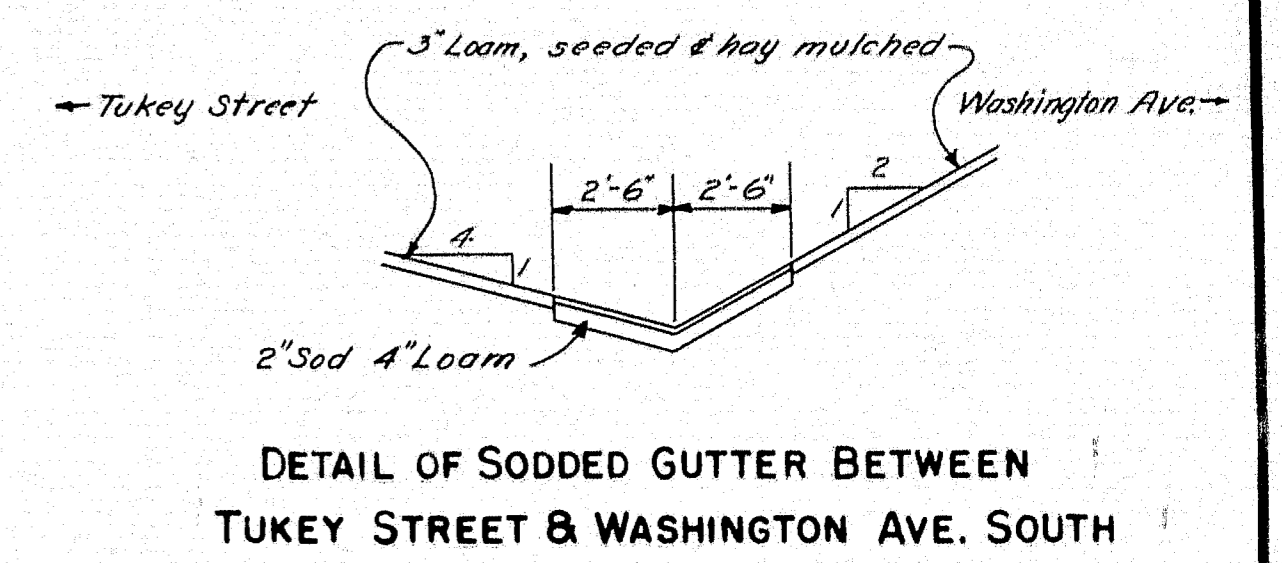
BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
TYPICAL SECTIONS MARGINAL WAY
AND INTERSTATE - SOUTHBOUND
SHEET 42 OF 166 AUGUSTA, MAINE OCT. 1957

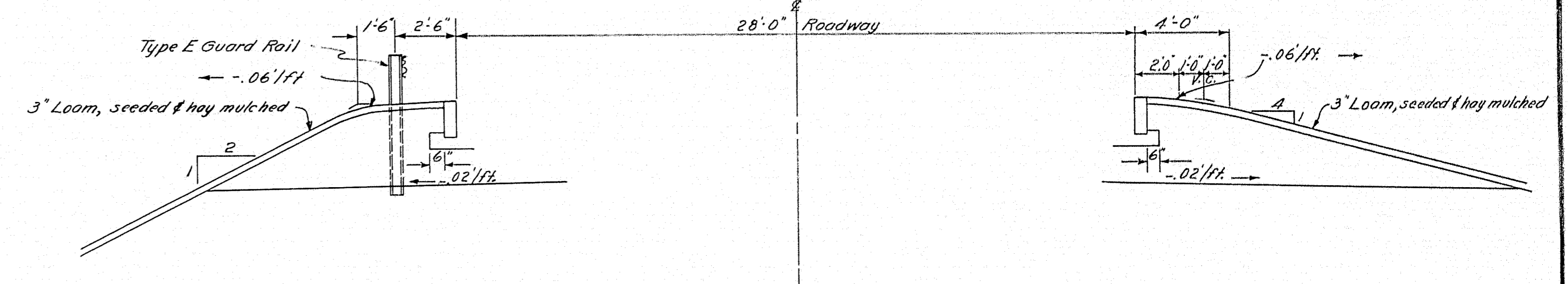


S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3(4)	43	166

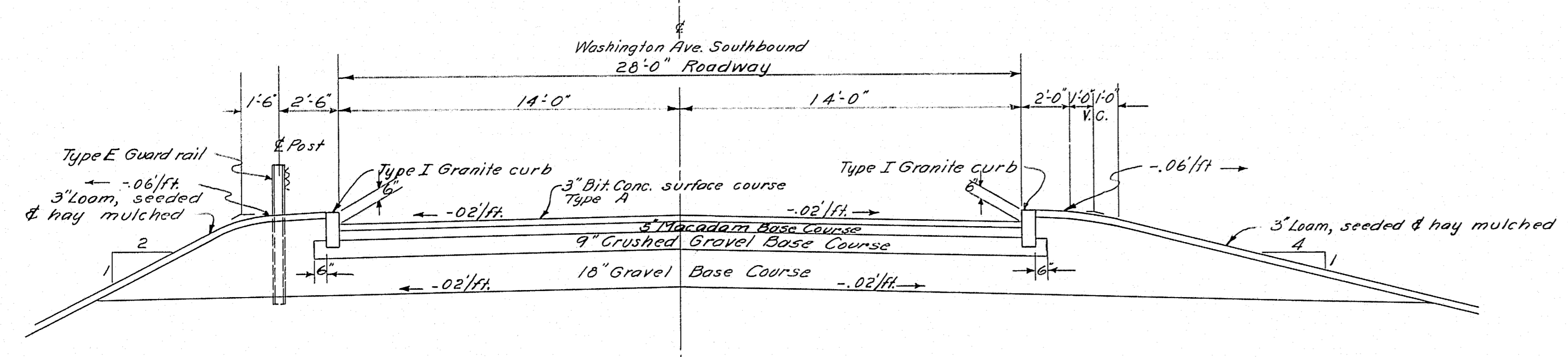
1-895-3(4) 50



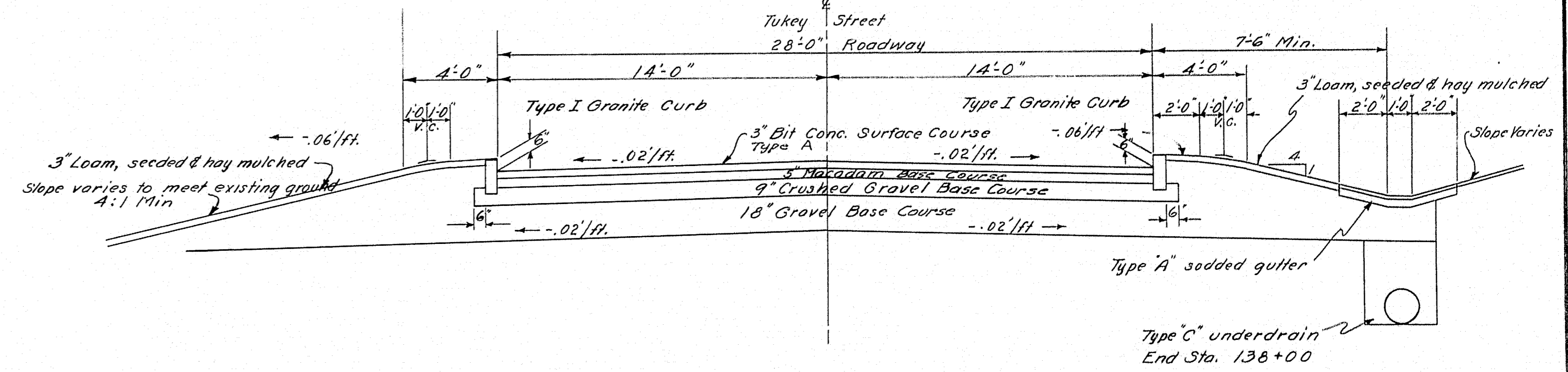
**SUPERELEVATED SECTION WASHINGTON AVE. SOUTHBOUND
145+00**



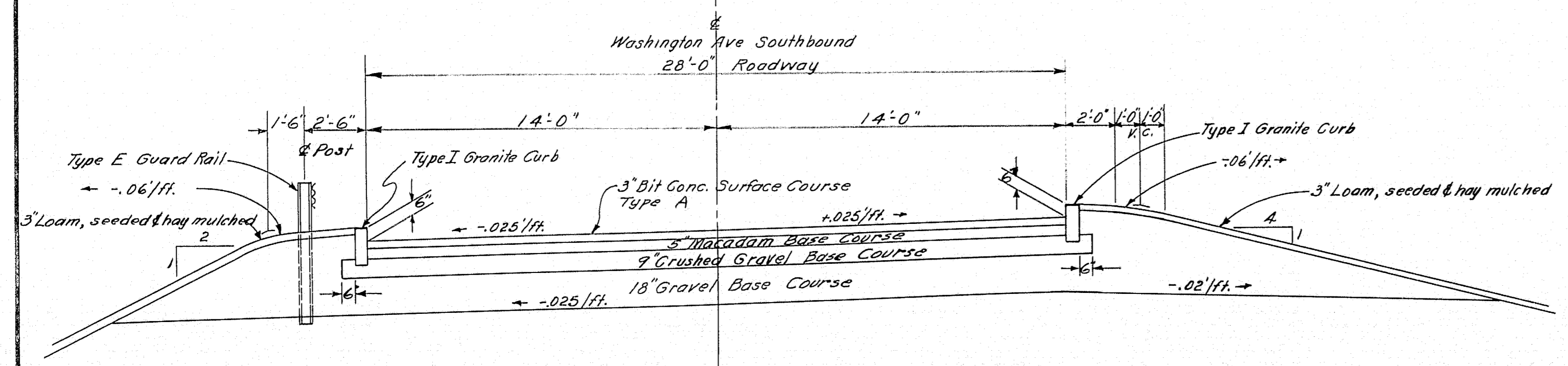
**TUKEY STREET RAMP SECTION
137+0 TO 140+50**



**NORMAL SECTION WASHINGTON AVE. SOUTHBOUND
141+25**



**TUKEY STREET RAMP SECTION
136+50 TO 137+00**



**SUPERELEVATED SECTION WASHINGTON AVE. SOUTHBOUND
138+81.06 TO 140+00**

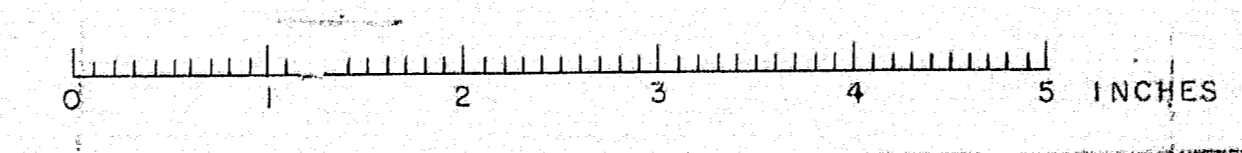
DESIGN - BARNES	BRIDGE NO.
TRACE - SAVAGE	SURVEY -
CHECK -	PLAT -

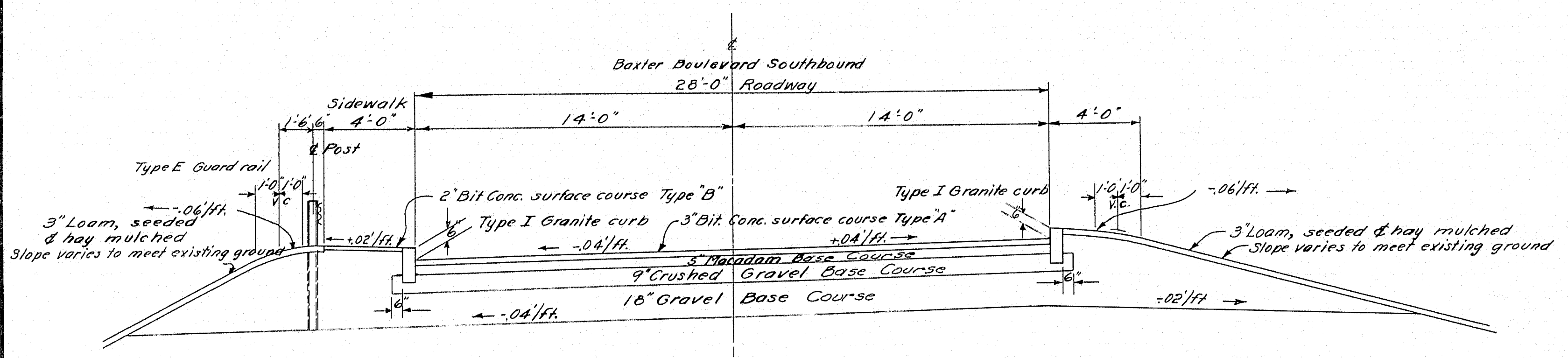
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

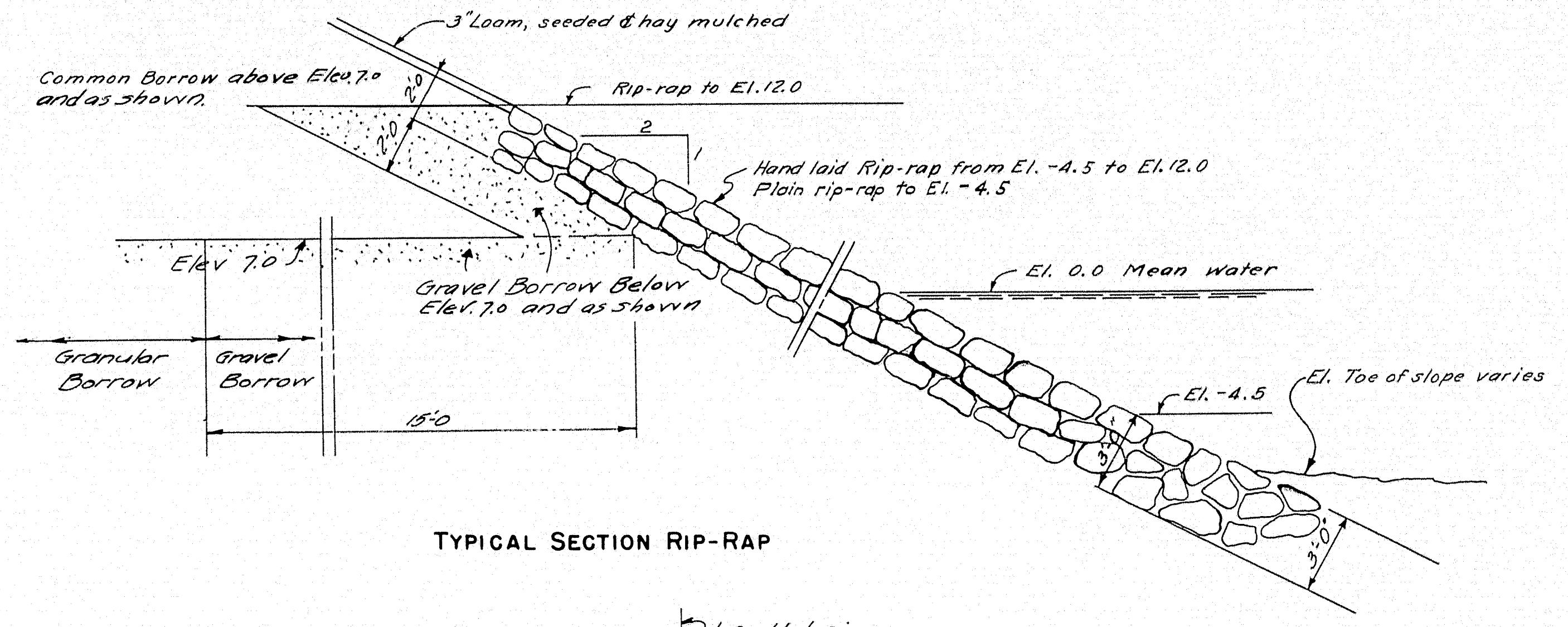
TYPICAL SECTIONS TUKEY STREET
& WASHINGTON AVE-SOUTHBOUND

SHEET 43 OF 166 AUGUSTA, MAINE OCT. 1957

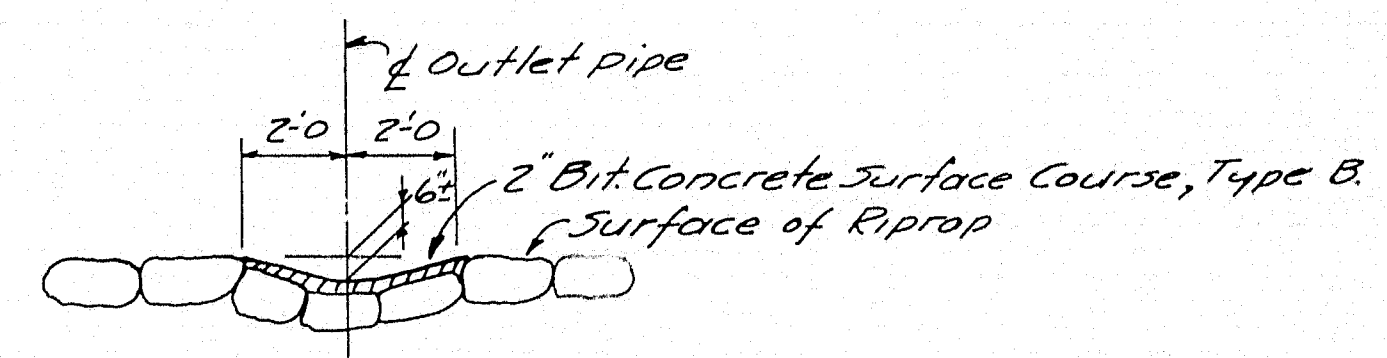




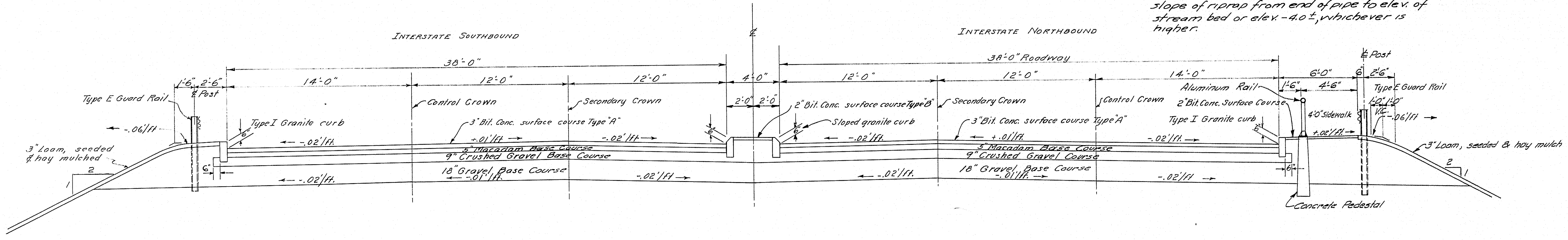
**SUPERELEVATED SECTION
BAXTER BOULEVARD-SOUTHBOUND
162+70 TO 164+25**



TYPICAL SECTION RIP-RAP

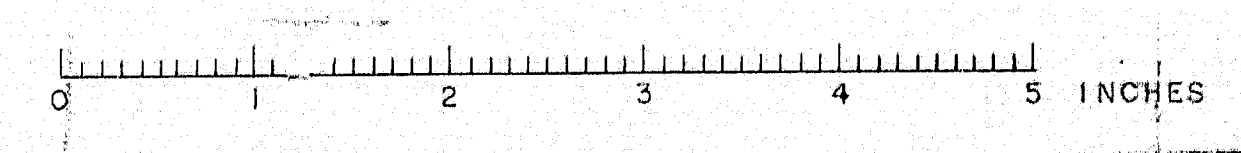


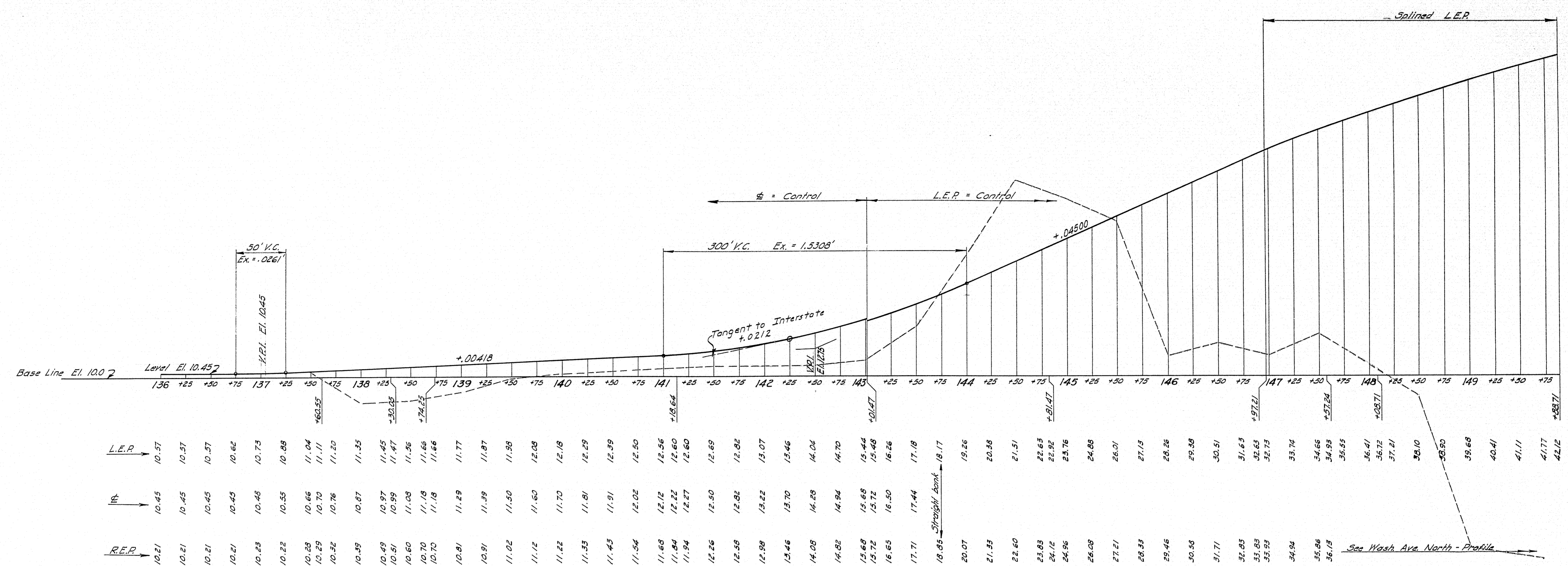
**TYPICAL SECTION
GUTTER IN RIP-RAP**
Construct gutter in rip-rap at outlet of all drainage pipes. Gutter to extend along slope of rip-rap from end of pipe to elev. of stream bed or elev. -4.0±, whichever is higher.



**NORMAL SECTION THRU INTERSTATE
STA. 157+50**

DESIGN - BARNES	BRIDGE NO.
TRACE - SAVAGE	SURVEY -
CHECK - 1/25/57	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
TYPICAL SECTIONS - INTERSTATE & BAXTER BOULEVARD - SOUTHBOUND	
SHEET 44 OF 166	AUGUSTA, MAINE OCT. 1957

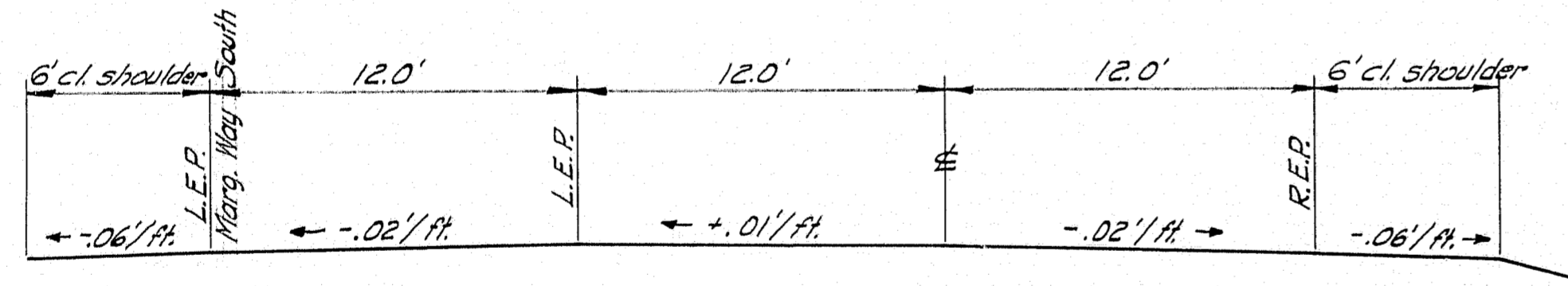




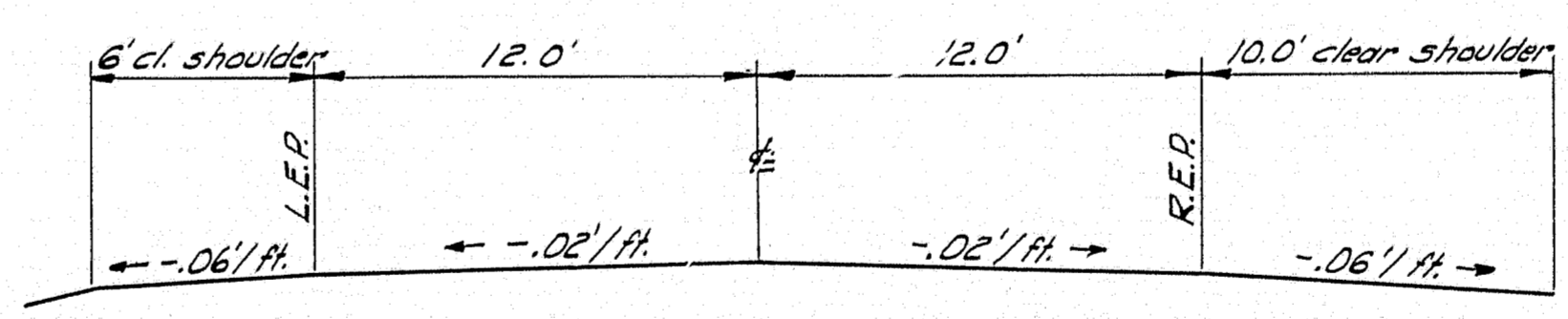
See Marg. Way South - Profile

MARGINAL WAY - NORTHBOUND
(Sta. 136+00 to 142+25)
AND
INTERSTATE - NORTHBOUND
(Sta. 142+25 to 149+88.71)

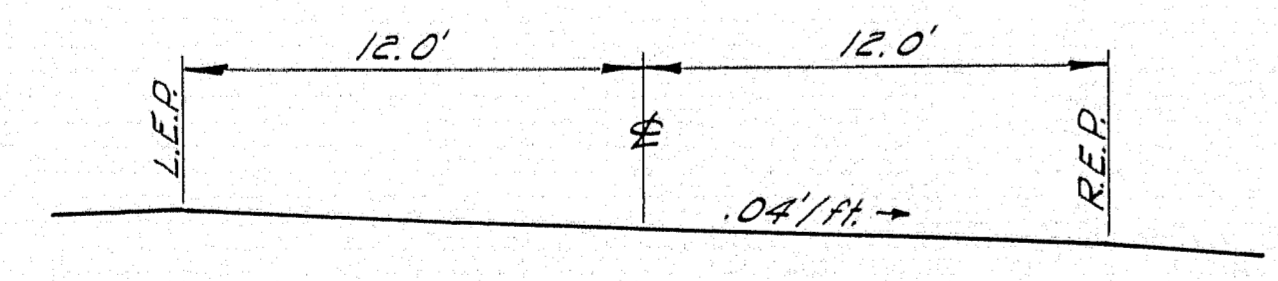
NOTE: "R.E.P." from Sta. 137+60.55 to intersection of "R.E.P." with "L.E.P. East Commercial St. is a theoretical line 12' right of CL."
"L.E.P." from Sta. 136+00 to 138+74.25 is a theoretical line 12' left of CL.



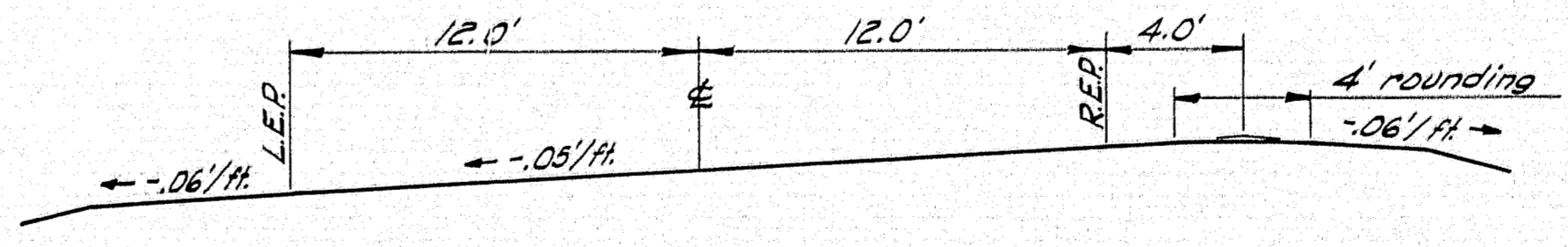
NORMAL SECTION
Sta. 136+00 to 136+50



NORMAL SECTION
Sta. 142+25



SUPERELEVATED SECTION
Sta. 138+00 to 140+75



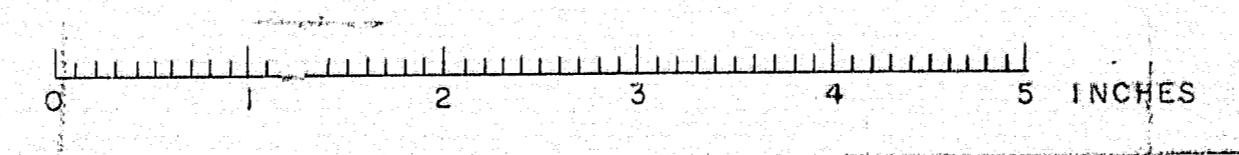
SUPERELEVATED SECTION
Sta. 144+75 to 147+57.24

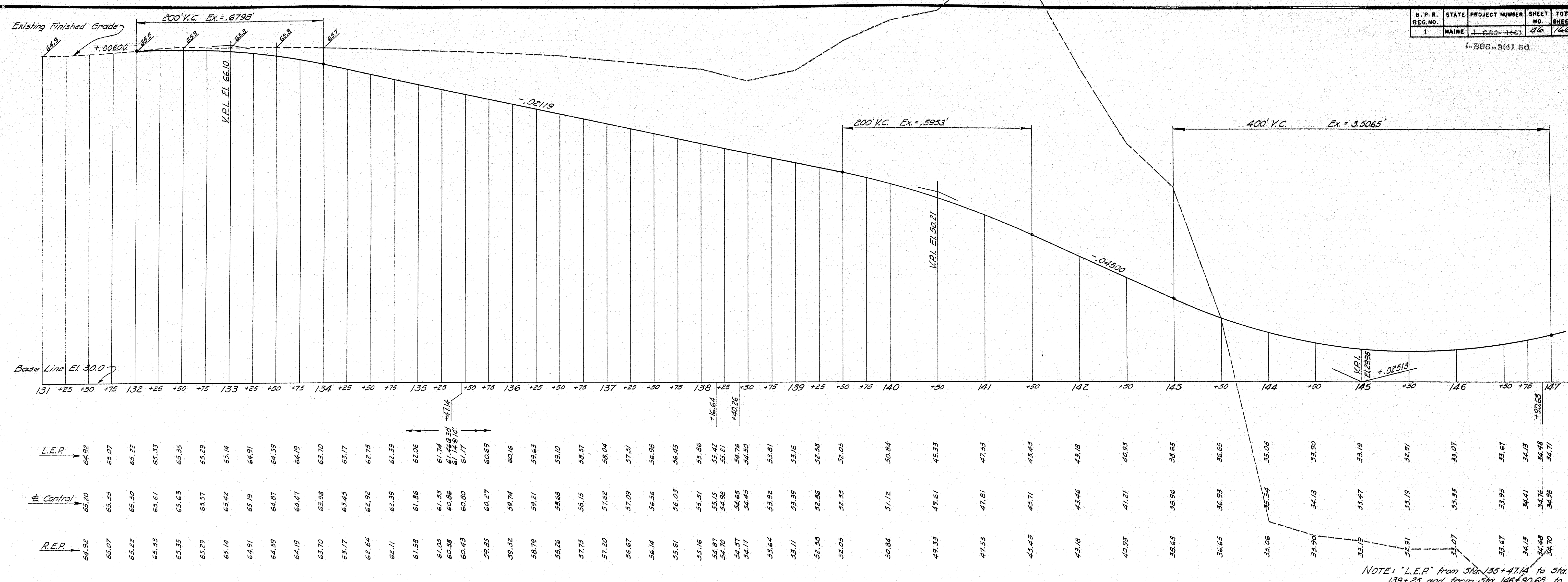
NOTE: L.E.P. = Left edge of pavement
R.E.P. = Right edge of pavement
The edges of pavement in all cases are referenced to direction of stationing and not to direction of travel.
For all Profiles, the word "Control" designates the line for which grades were calculated, and the profile line drawn.

DESIGN - RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY -
CHECK -	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
PROFILES
SOUTH APPROACH - NORTHBOUND
SHEET 45 OF 166 AUGUSTA, MAINE OCT. 1957

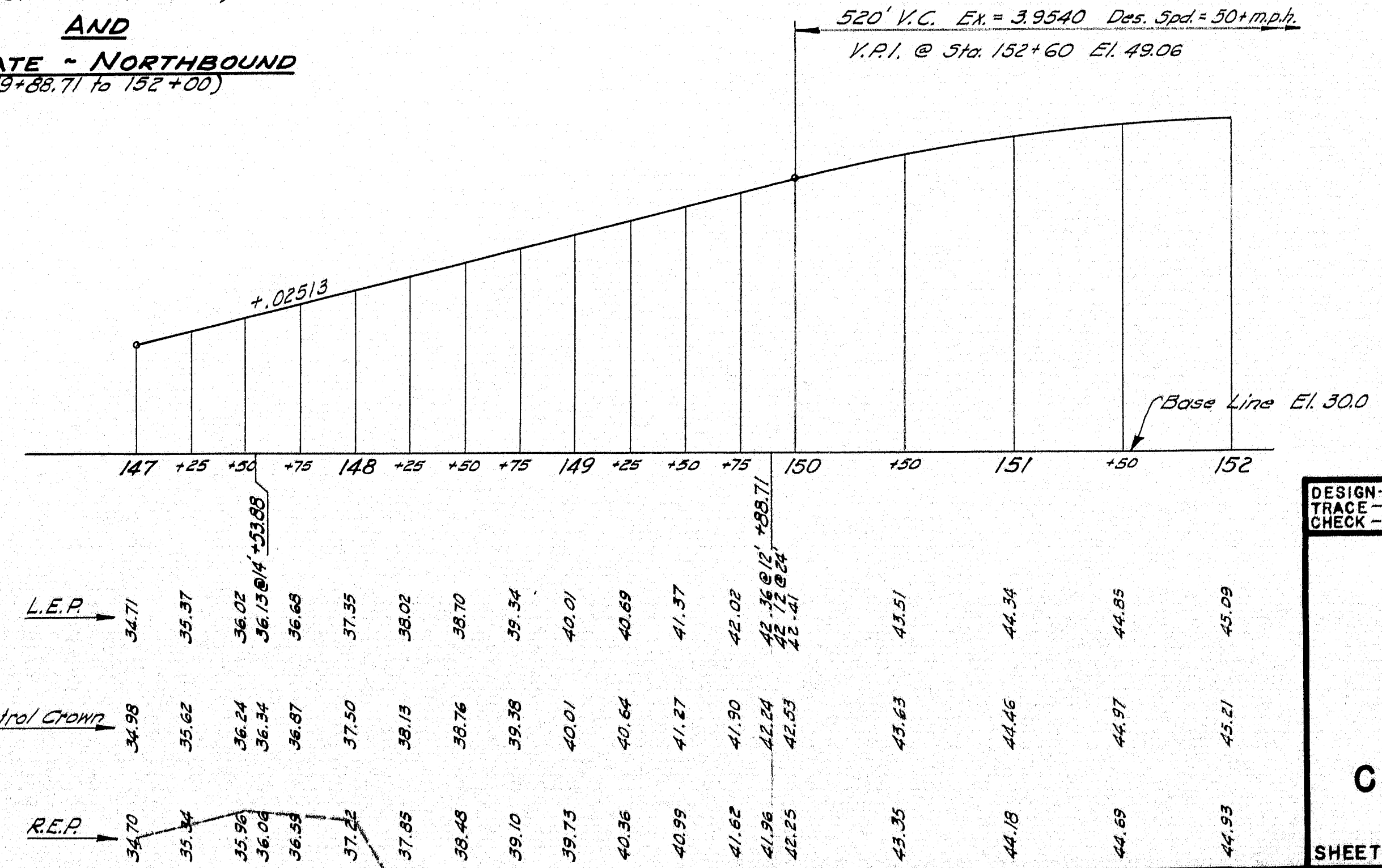
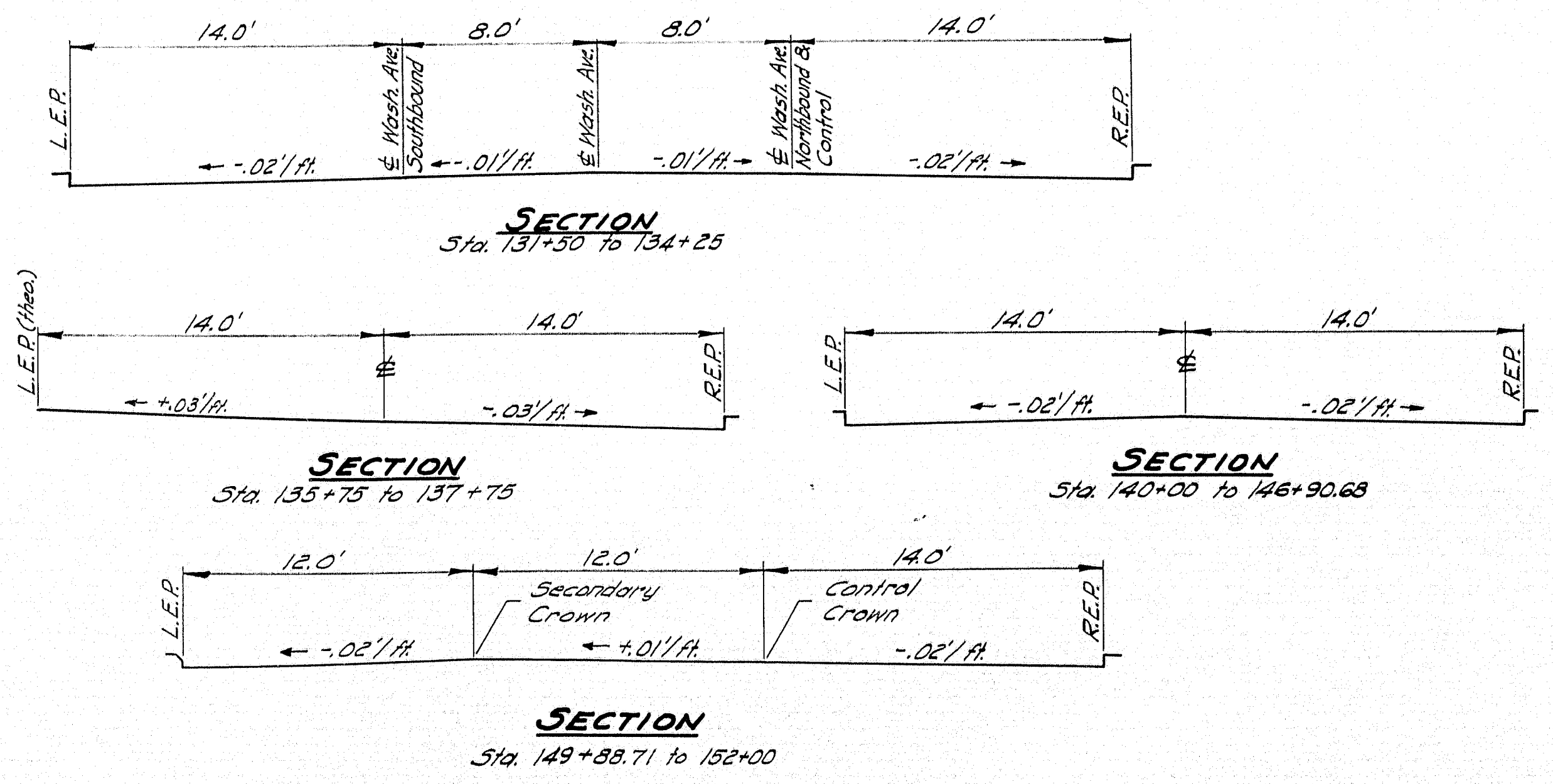




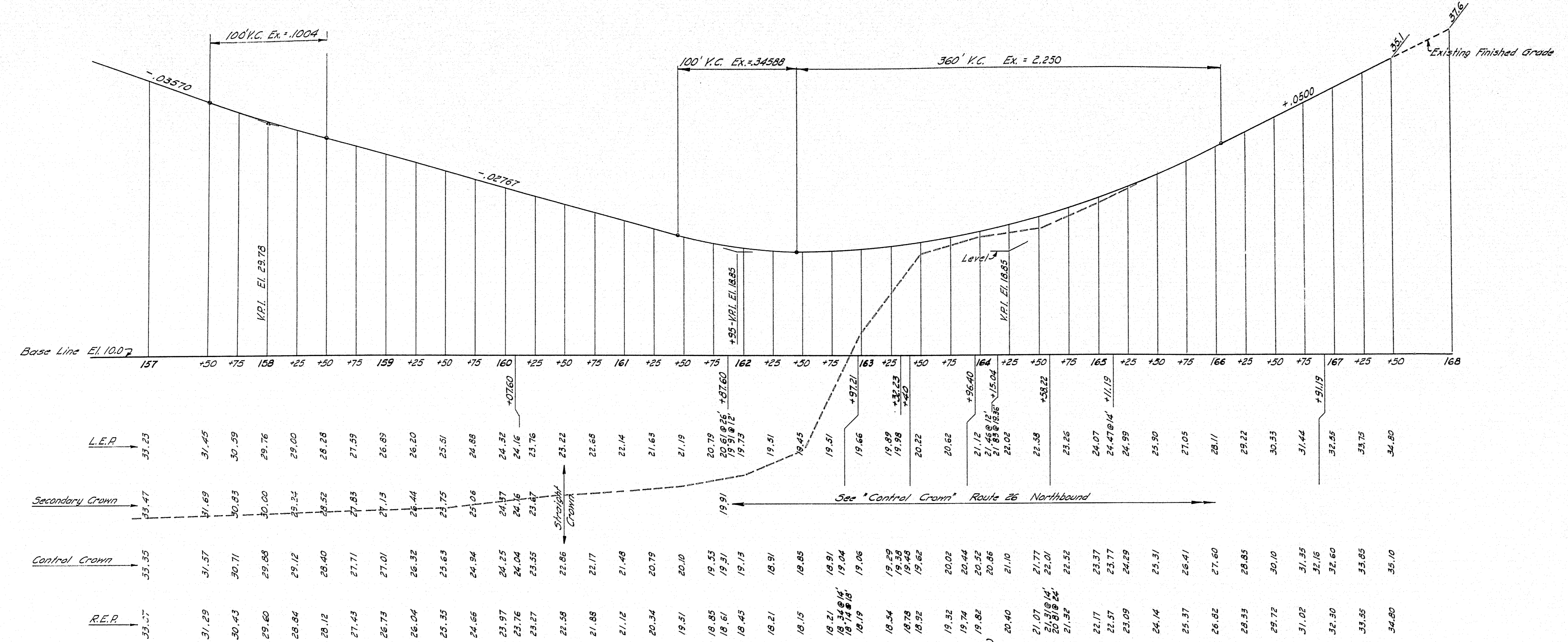
WASHINGTON AVE. NORTHBOUND
(Sta. 131+50 to 149+88.71)
AND
INTERSTATE - NORTHBOUND
(Sta. 149+88.71 to 152+00)

See Washington Ave. South Profile.
Sta. 135+47.14 Wash. Ave. North =
Sta. 135+00.63 Wash. Ave. South.

NOTE: "L.E.R." from Sta. 135+47.14 to Sta. 139+25 and from Sta. 146+50.63 to Sta. 147+53.88 is a theoretical line 14' left of \pm .
"L.E.R." from Sta. 147+53.88 to Sta. 149+88.71 is a theoretical line varying uniformly from 14' to 12' to left of \pm .
From Sta. 149+88.71 to Sta. 152+00 there is a secondary crown 12' left of central crown and 0.12' higher in elevation.
R.E.P. from Sta. 131+77.82 to 133+49.98 is a theoretical line 14' right of \pm .



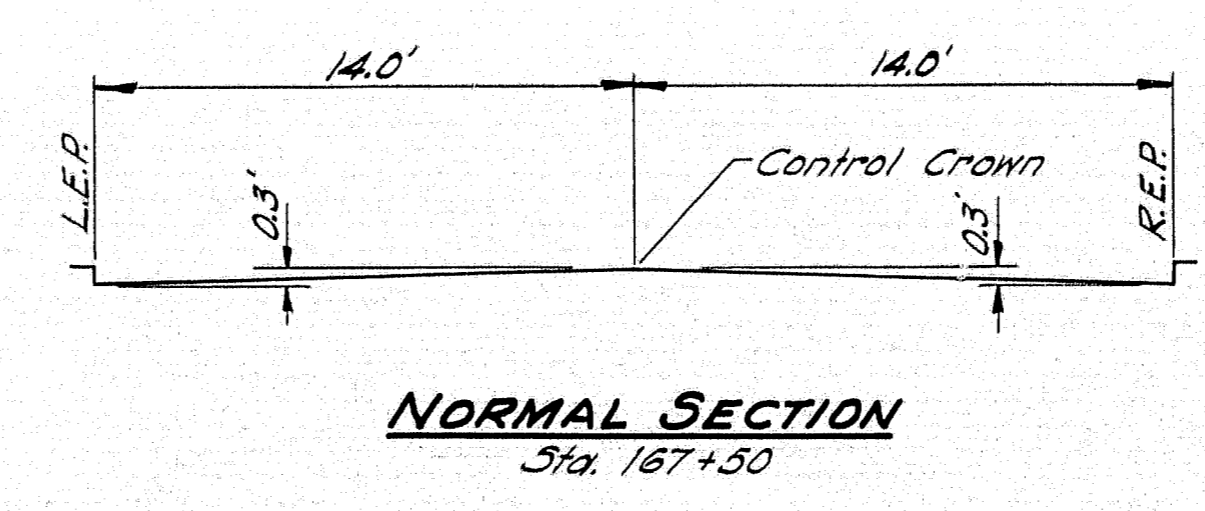
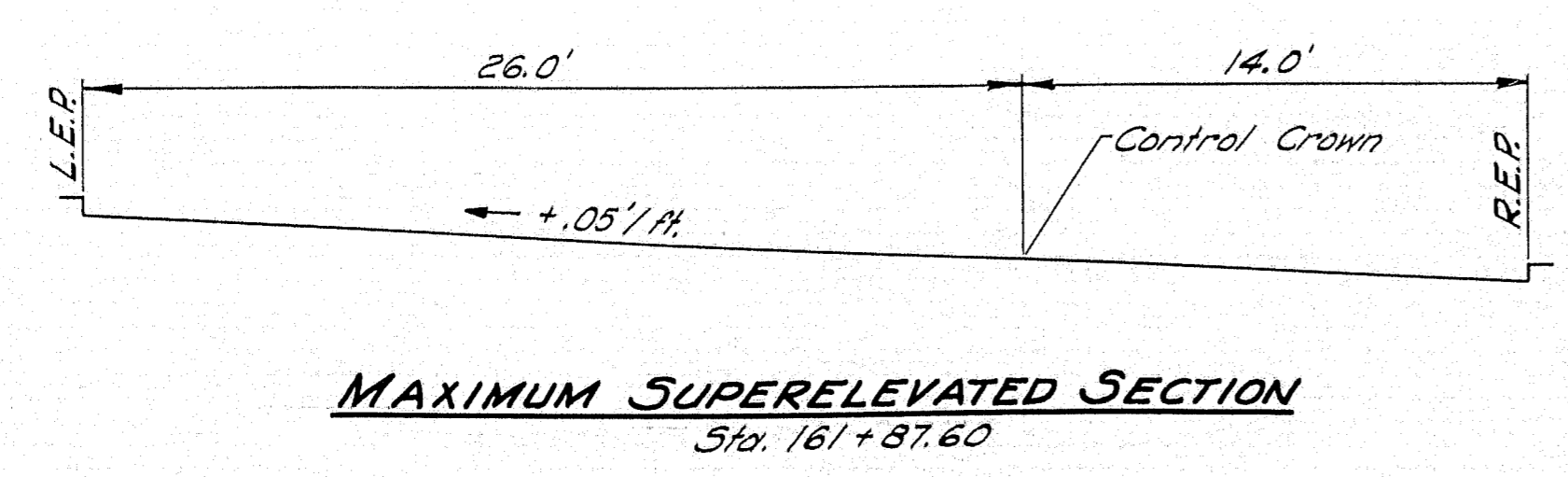
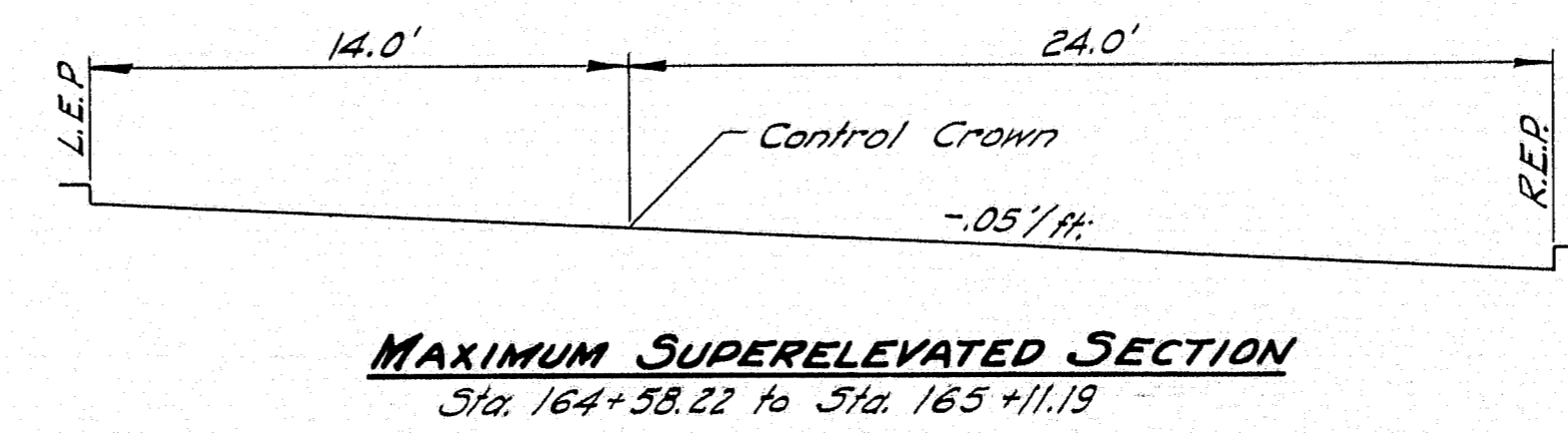
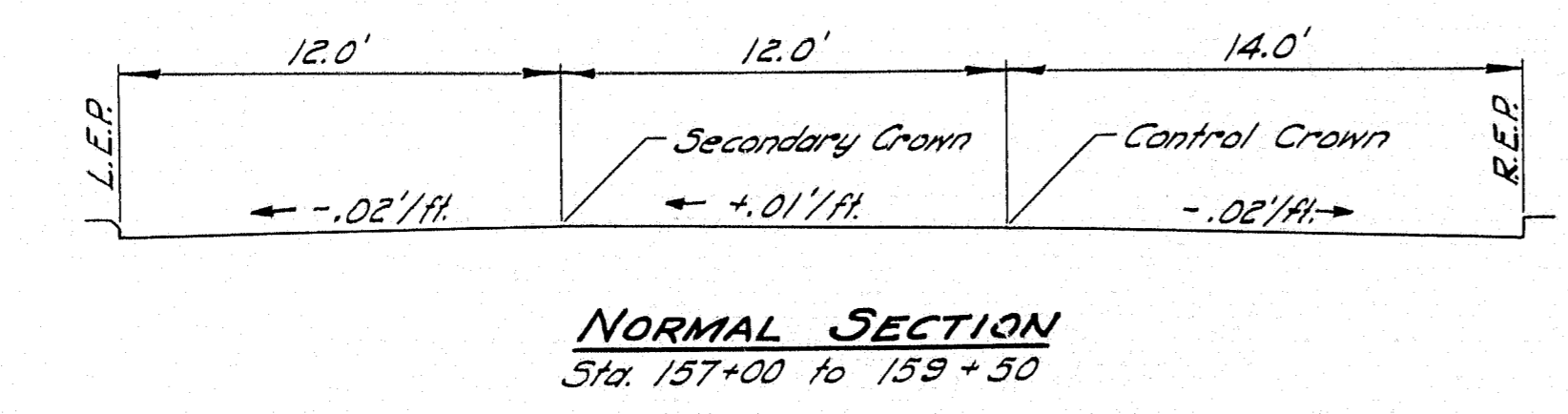
DESIGN - RISSEL	BRIDGE NO. SURVEY - PLOT
TRACE - CLARK	
CHECK - 7/22	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
PROFILES	
SOUTH APPROACH - NORTHBOUND	
SHEET 46 OF 166	AUGUSTA, MAINE OCT. 1957



NOTE: From Sta. 161+87.60 to 164+15.04 "L.E.P." represents a theoretical line 12' from Control Crown.
 From Sta. 161+87.60 to 162+97.21 & from Sta. 163+36.40 to 164+58.22 "R.E.P." represents a theoretical line 14' from Control Crown.

*Cross-over Crown →
 * A straight line from 12' left radial offset Sta. 163+32.23 to 21.36' left radial offset Sta. 164+15.04.

INTERSTATE - NORTHBOUND
 (Sta. 157+00 to 163+00)
AND
U.S. #1-NORTHBOUND
 (Sta. 163+00 to 167+50)



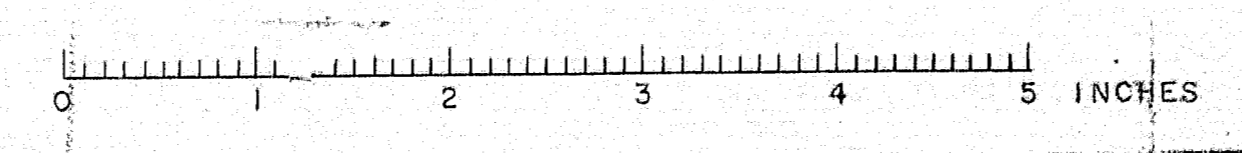
DESIGN - RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY
CHECK - [Signature]	PLOT -

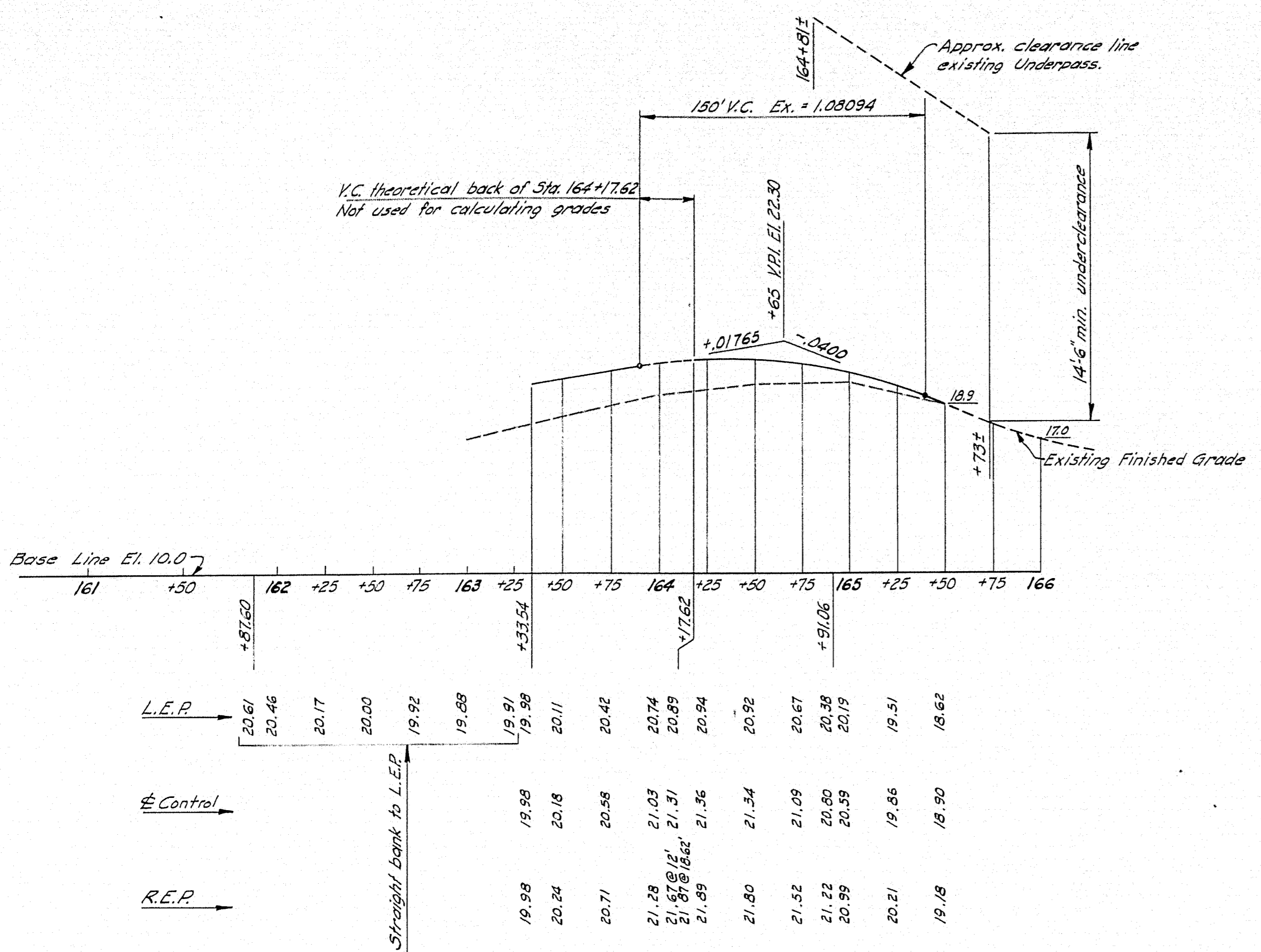
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

PROFILES
 NORTH APPROACH - NORTHBOUND

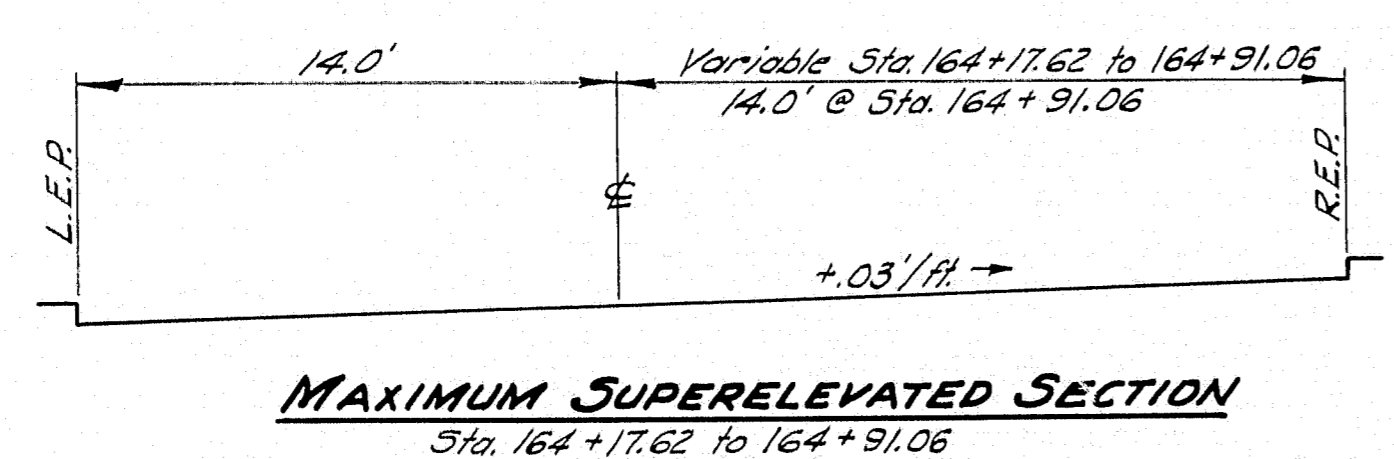
SHEET 47 OF 166 AUGUSTA, MAINE OCT. 1957



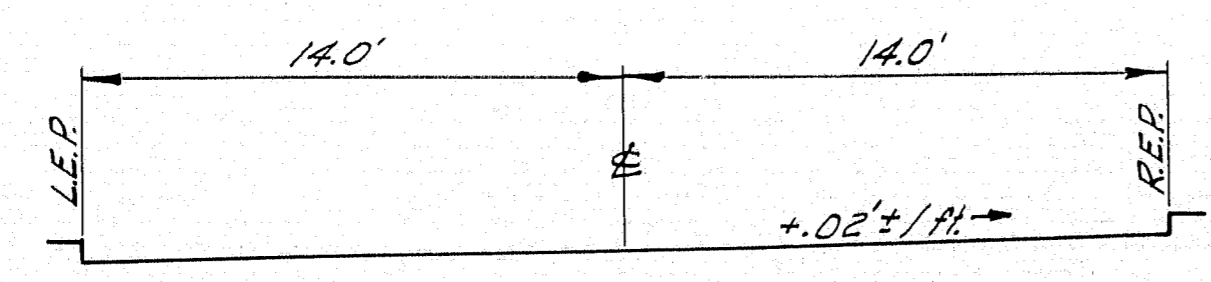


NOTE: From Sta. 163+33.54 & 164+17.62 R.E.P. represents a theoretical line 12' from Control Crown.

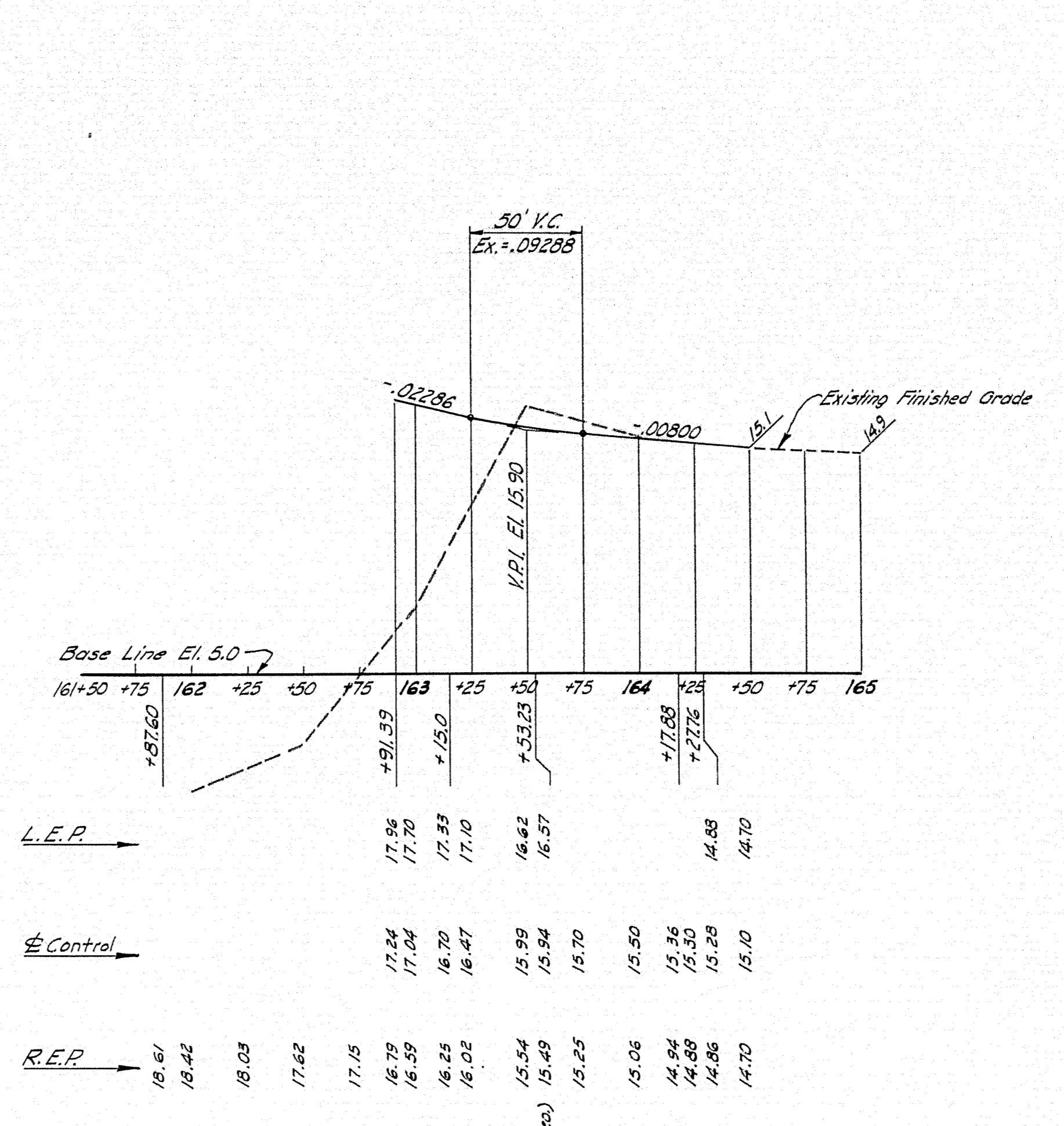
ROUTE NO. 26
(Northbound)



MAXIMUM SUPERELEVATED SECTION
Sta. 164+17.62 to 164+91.06



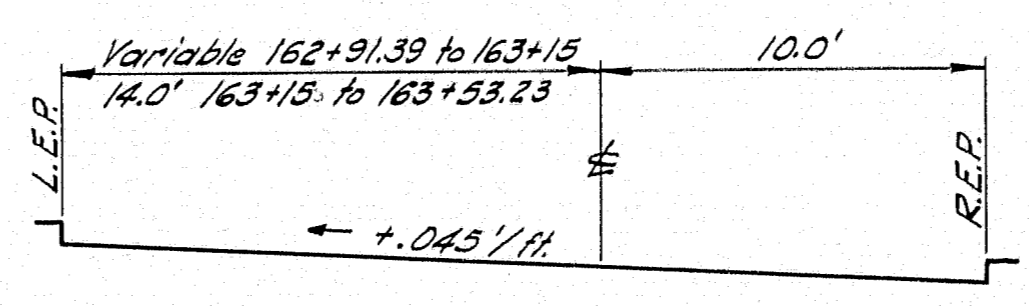
SECTION
Sta. 165+50
meeting existing road



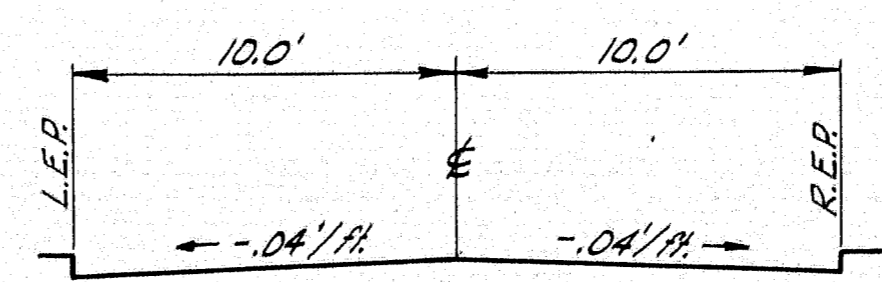
* Cross-over Crown
16.66 (Theor.)
16.00

* A straight line from 16' left radial offset
Sta. 163+33.23 to Control Crown Sta. 164+17.88.

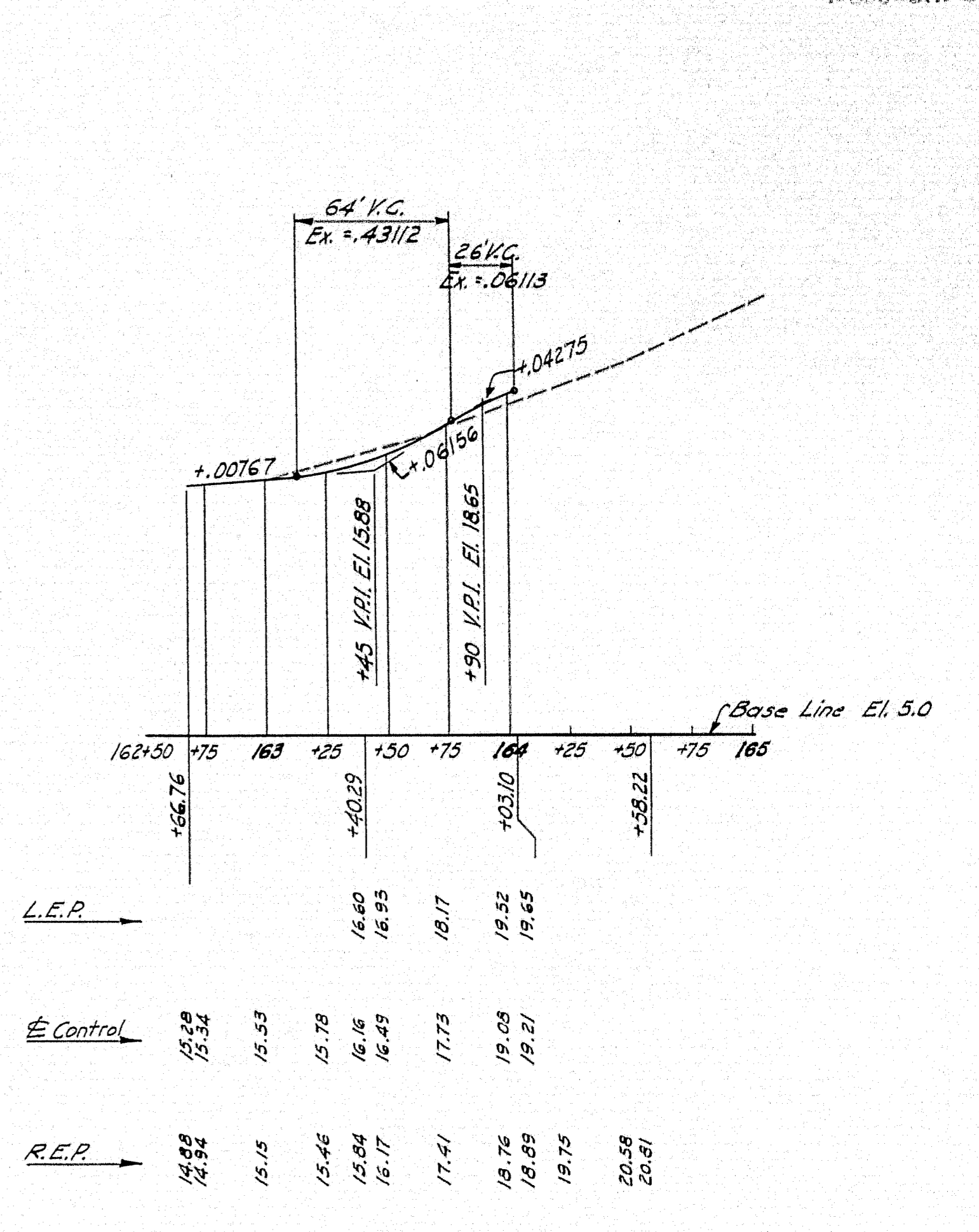
INTERSTATE TO BURNHAM & MORRILL



SECTION
Sta. 162+91.39 to 163+53.23

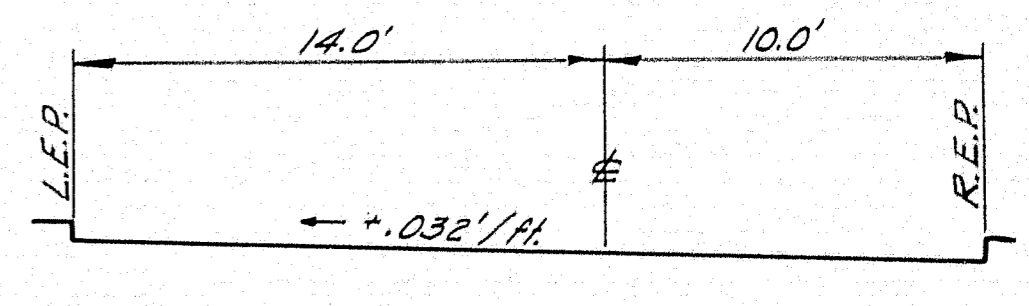


SECTION
Sta. 164+50
meeting existing road



NOTE: Sta. 162+66.76 = 164+27.76 Interstate to Burnham & Morrill

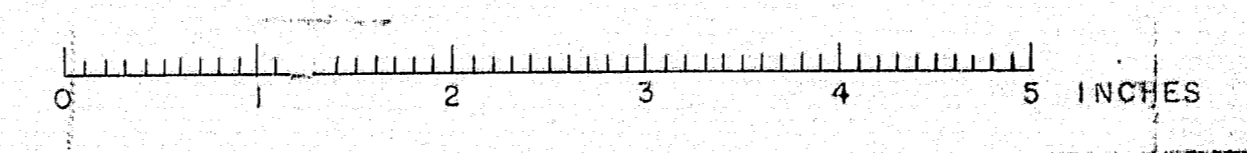
BURNHAM & MORRILL TO U.S. 1

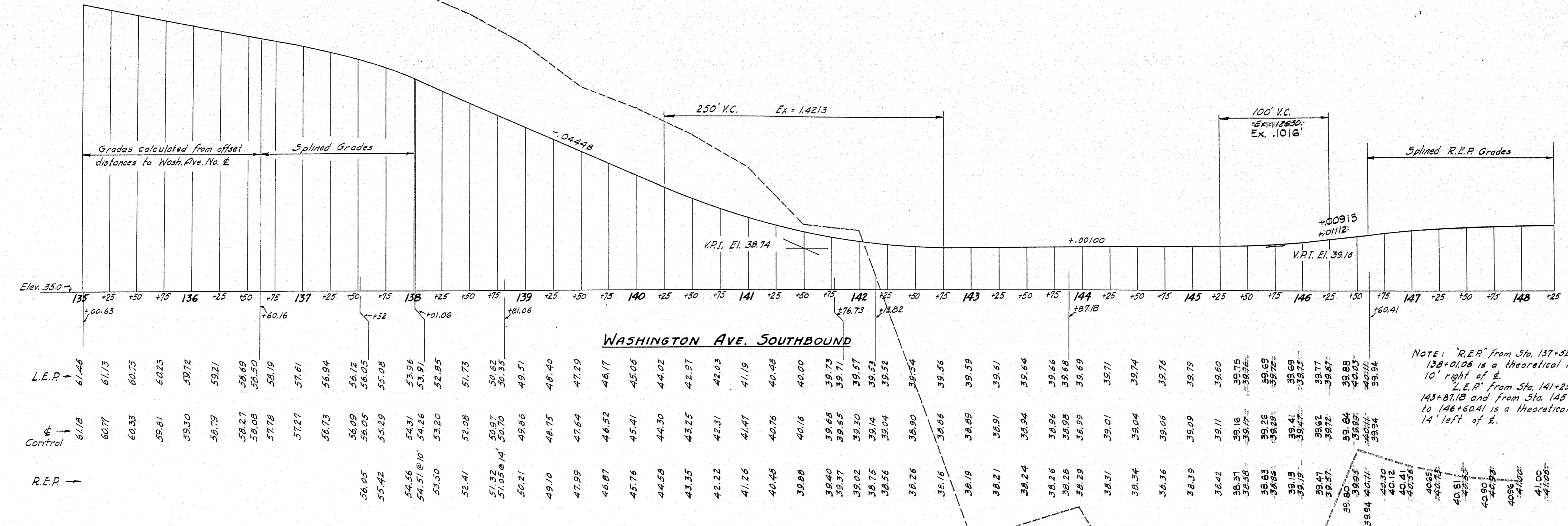


SECTION
Sta. 163+40.29 to 164+03.10

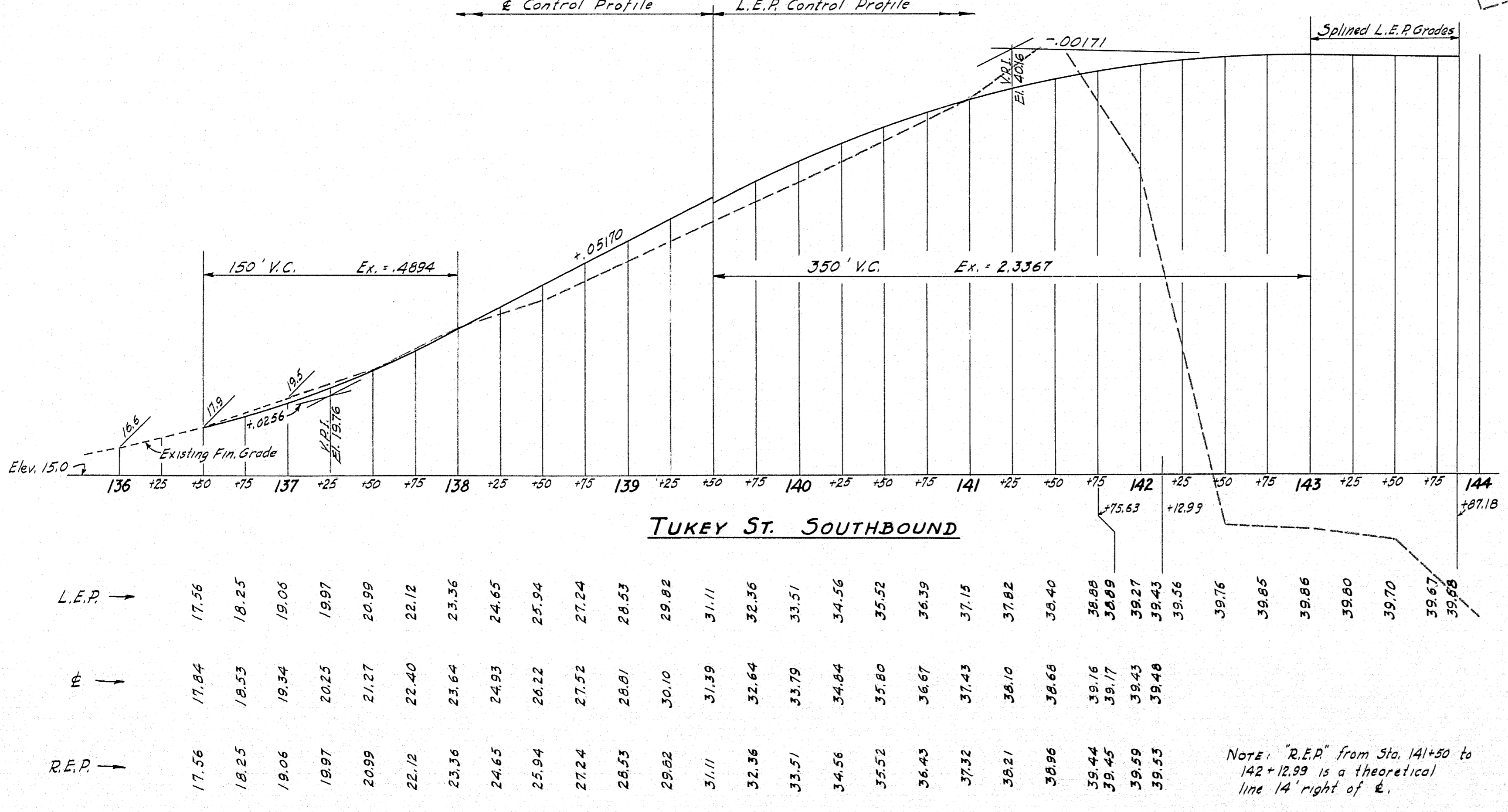
DESIGN - RISSEL	BRIDGE NO.
TRACE - CLARK	SURVEY
CHECK - Clark	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND CUMBERLAND COUNTY
PROFILES
NORTH APPROACH - NORTHBOUND
SHEET 48 OF 166 AUGUSTA, MAINE OCT. 1957

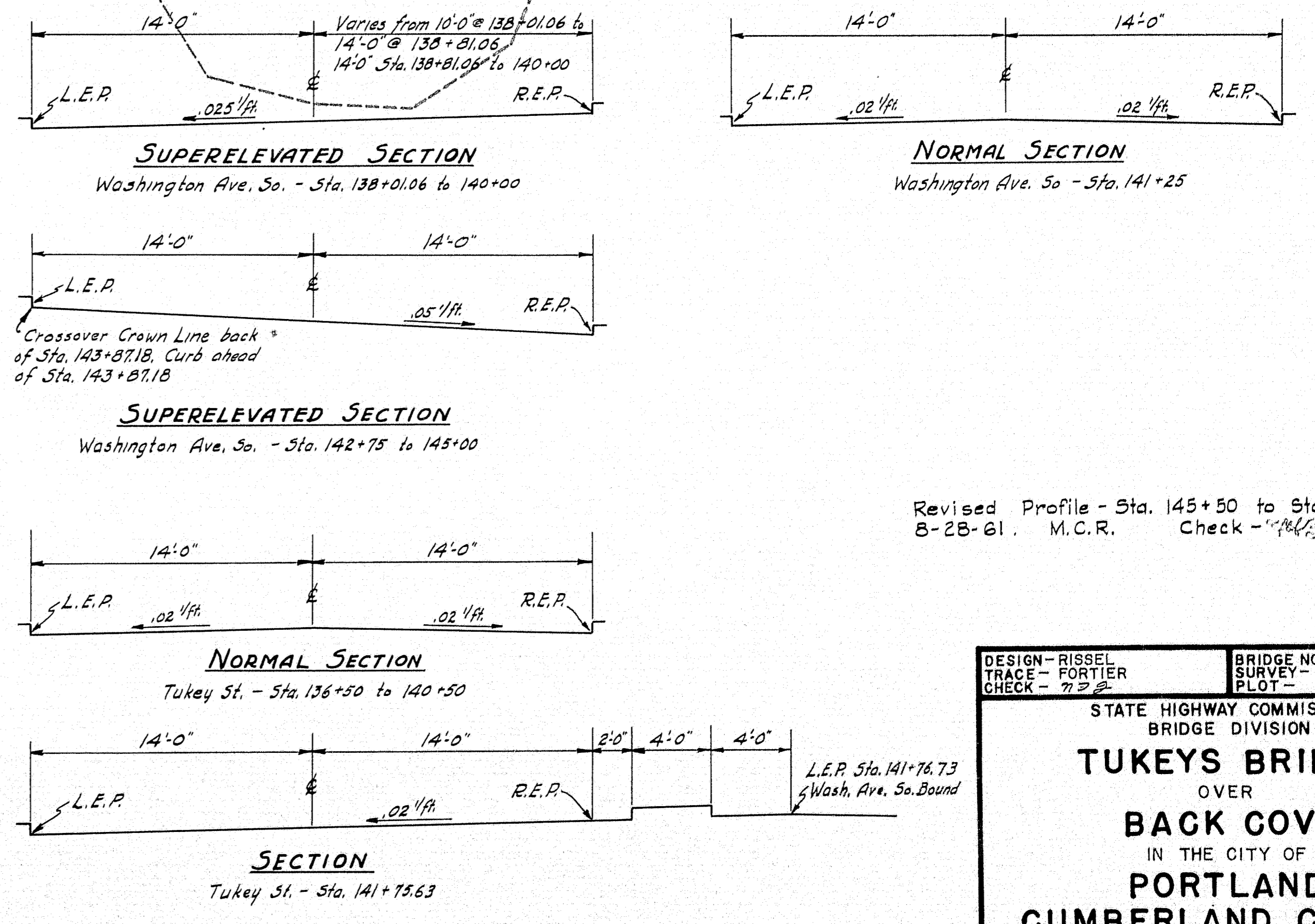




NOTE: "R.E.P." from Sta. 137+52 to 138+01.06 is a theoretical line 10' right of E.
 "L.E.P." from Sta. 141+25 to 143+87.18 and from Sta. 145+04.55 to 146+60.41 is a theoretical line 14' left of E.



NOTE: "R.E.P." from Sta. 141+50 to 142+12.99 is a theoretical line 14' right of E.



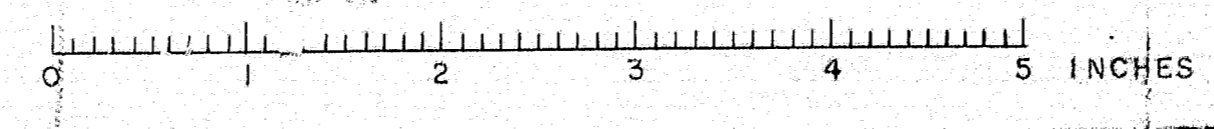
Revised Profile - Sta. 145+50 to Sta. 148+25
 B-2B-61 M.C.R. Check - 7/22/57

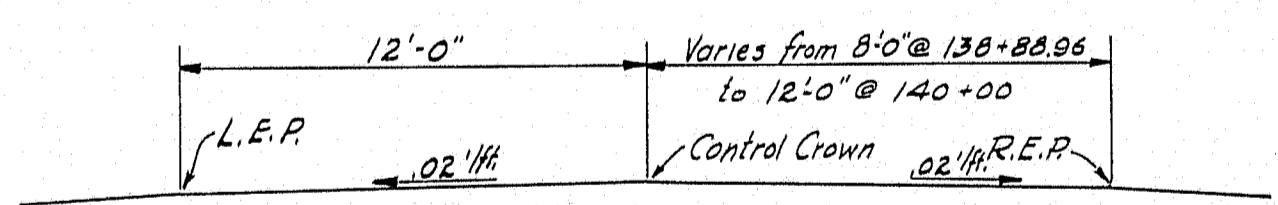
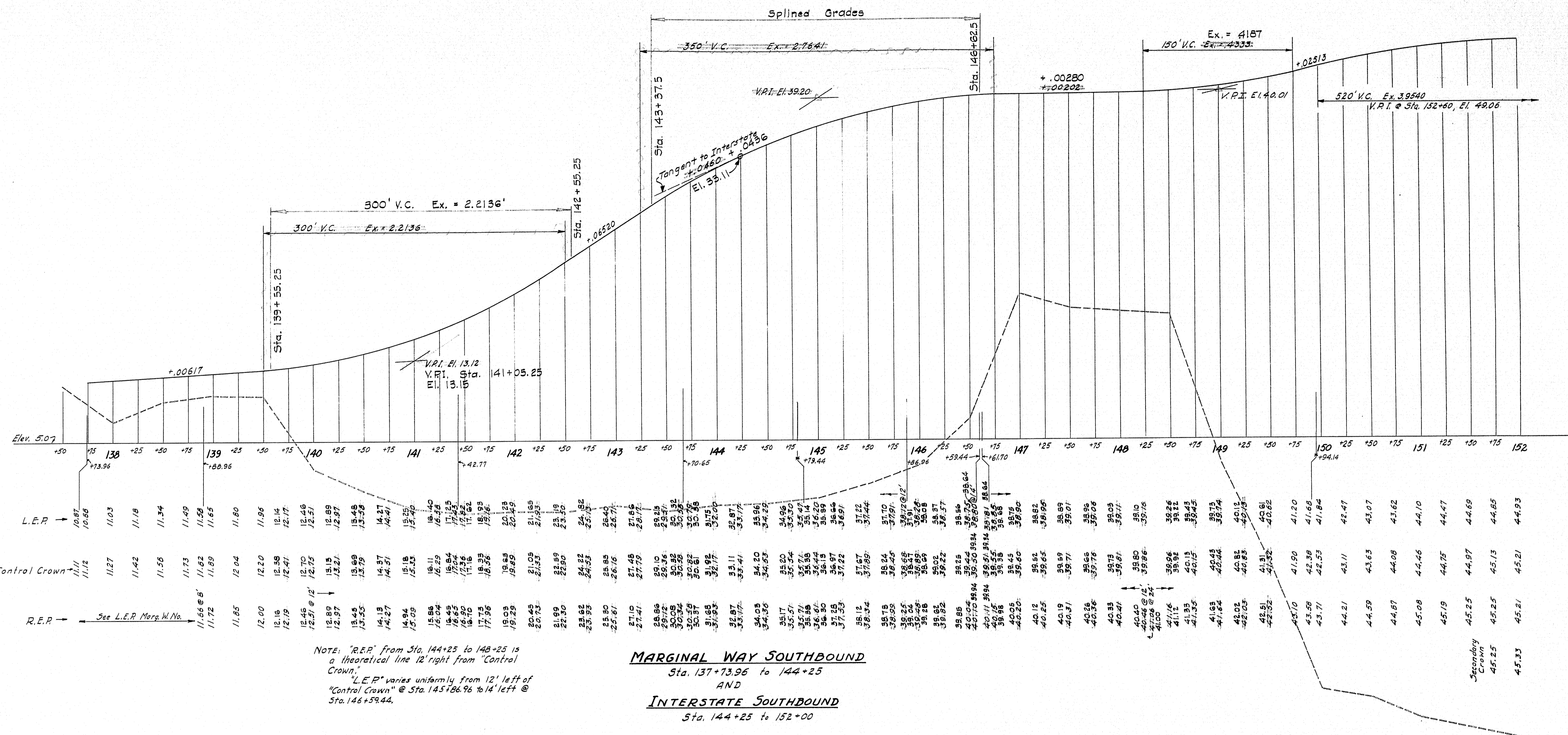
DESIGN - RISSEL	BRIDGE NO.
TRACE - FORTIER	SURVEY -
CHECK - 7/22	PLOT -

STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

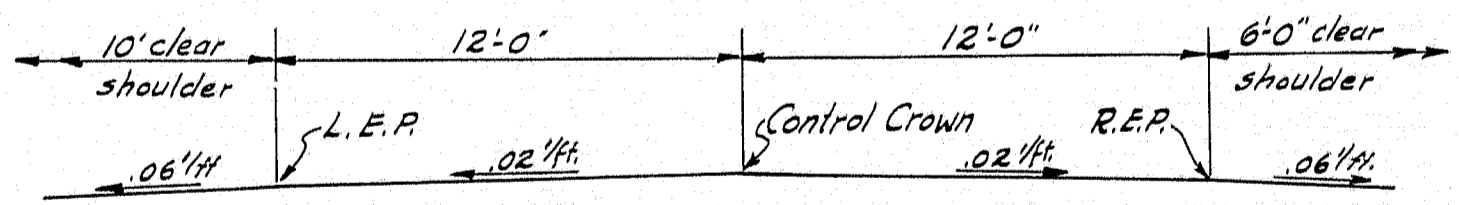
TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

PROFILES
 SOUTH APPROACH - SOUTHBOUND
 SHEET 49 OF 166 AUGUSTA, MAINE OCT. 1957

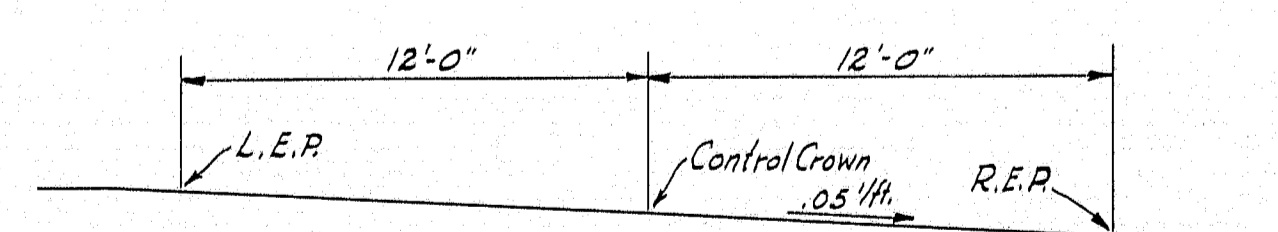




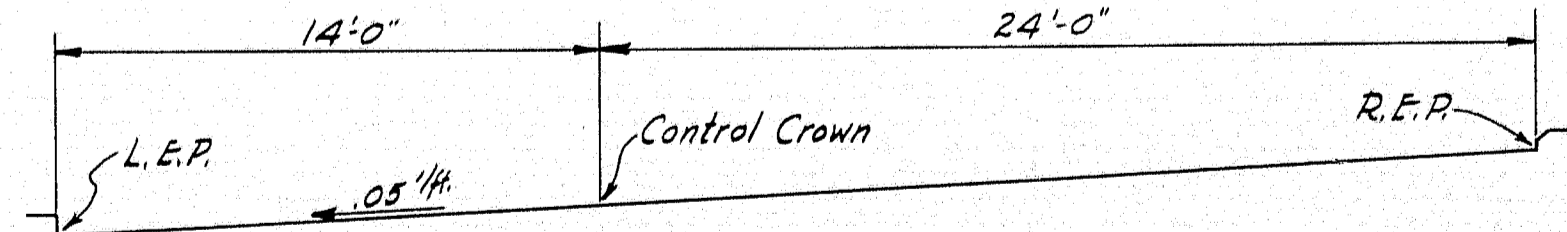
SECTION
Sta. 138+88.96 to 140+00



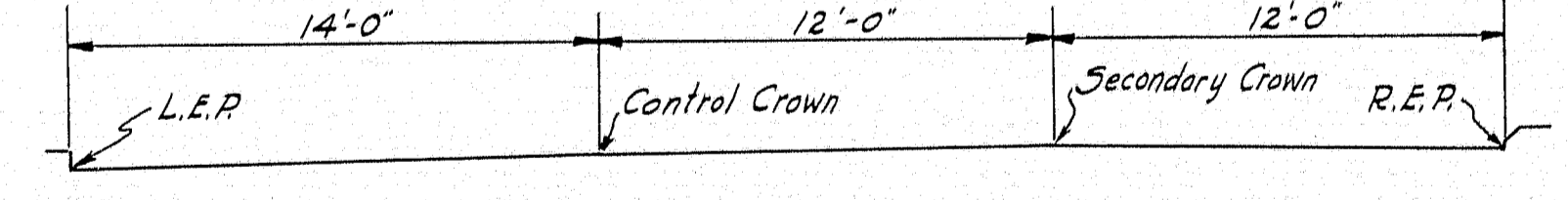
SECTION @ Sta. 144+25



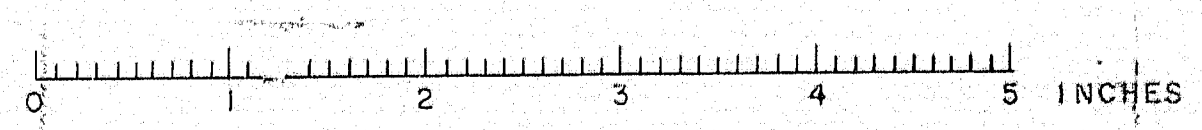
SUPERELEVATED SECTION
Sta. 141+75 to 142+75



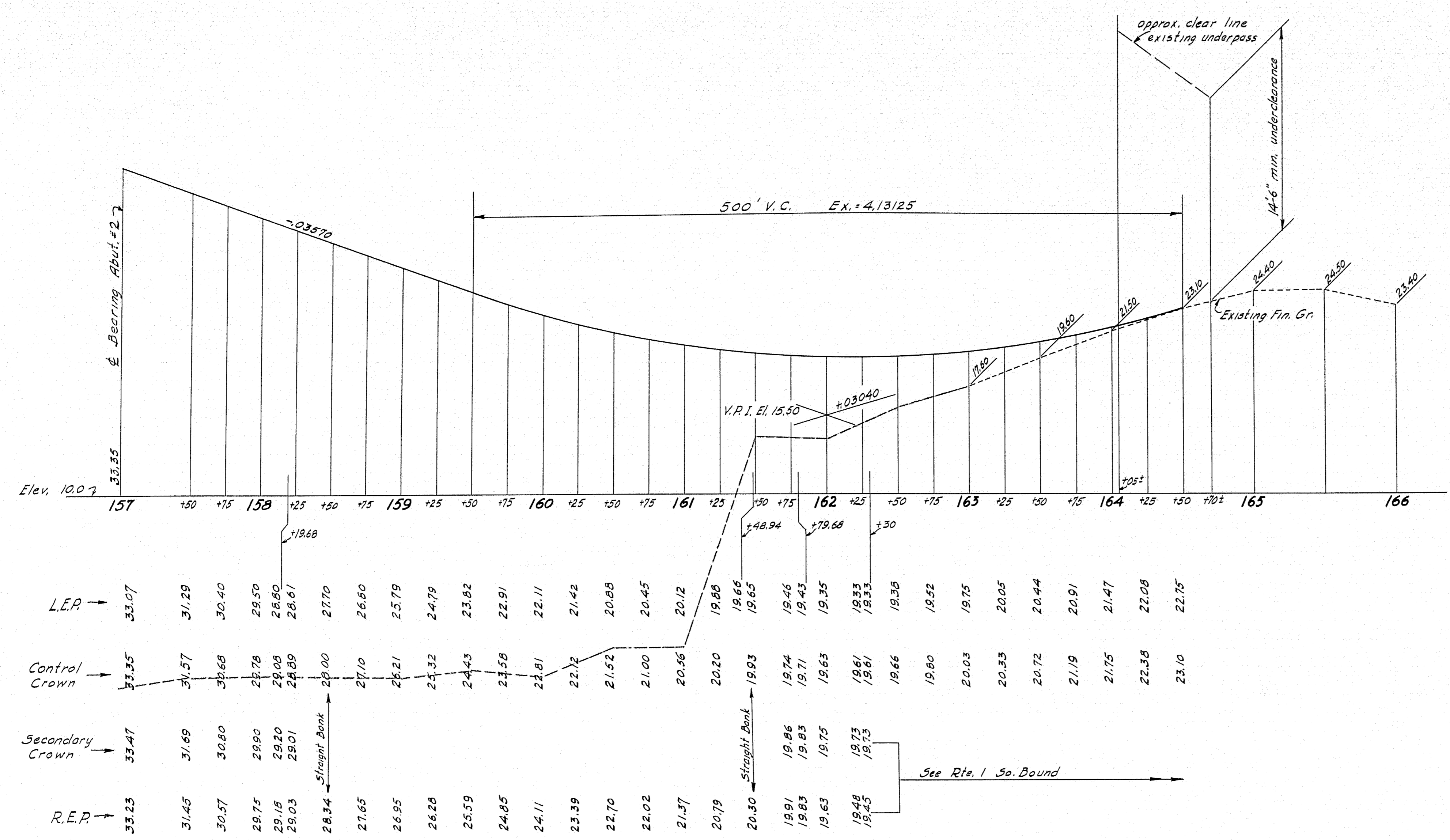
MAXIMUM SUPERELEVATED SECTION
Sta. 148+25 to 149+94.14



SECTION @ Sta. 152+00
& Bearing Abut. #1

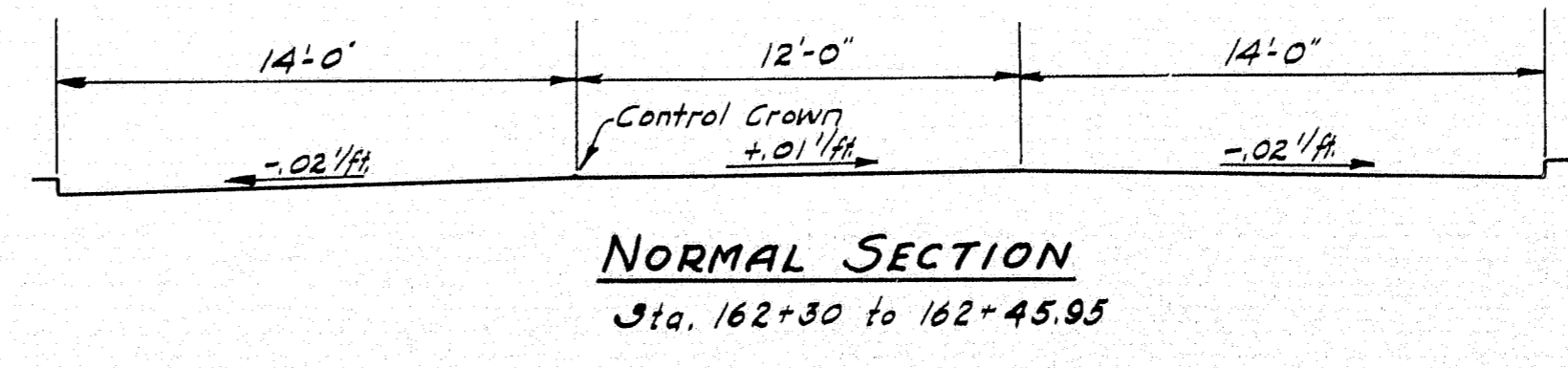
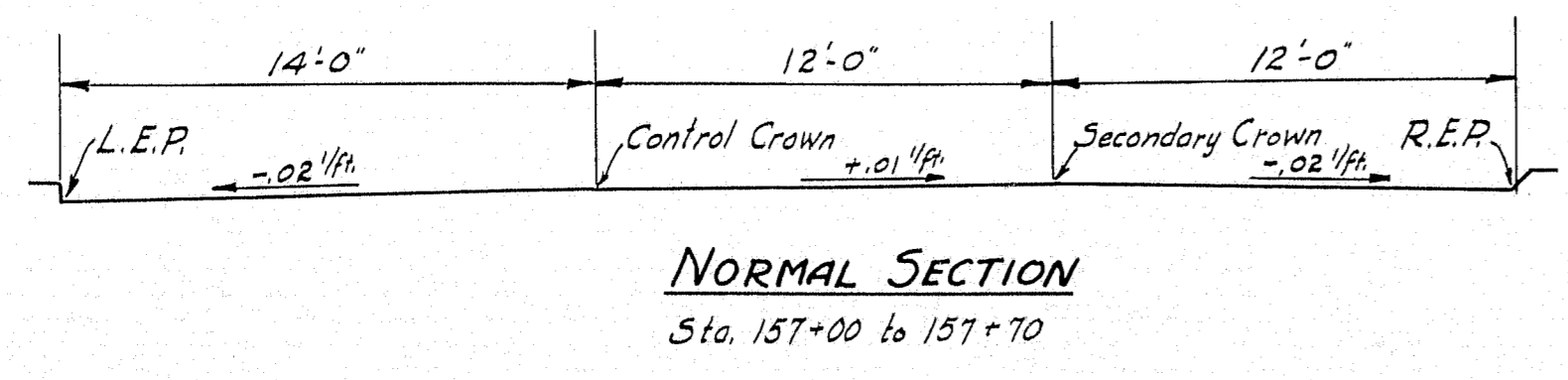
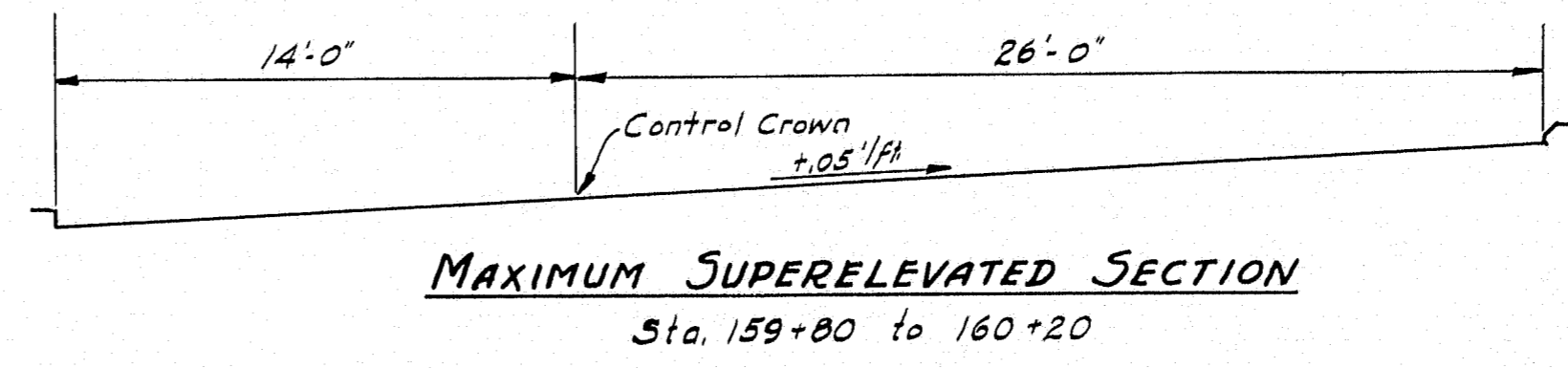


DESIGN-RISSEL TRACE-FORTIER CHECK-7/2/51	BRIDGE NO. SURVEY- PLOT-
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
PROFILES	
SOUTH APPROACH-SOUTHBOUND	
SHEET 50 OF 166 AUGUSTA, MAINE OCT. 1957	



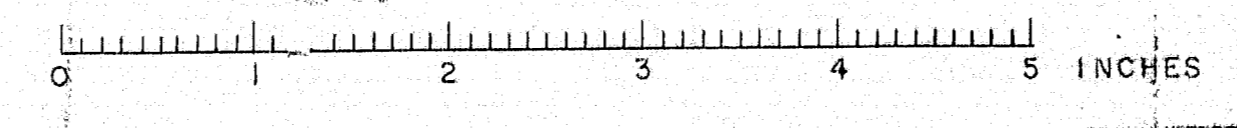
Note: At intersection with Baxter Blvd. Southbound L.E.P. represents a theoretical line 14'-0" from Control Crown (Sta. 159+99.68 to 161+48.94)

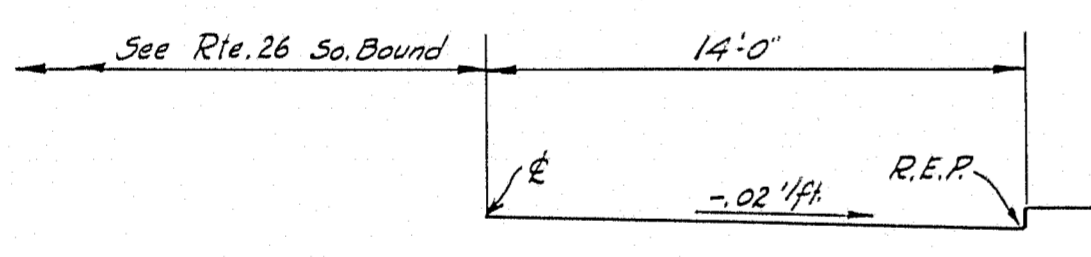
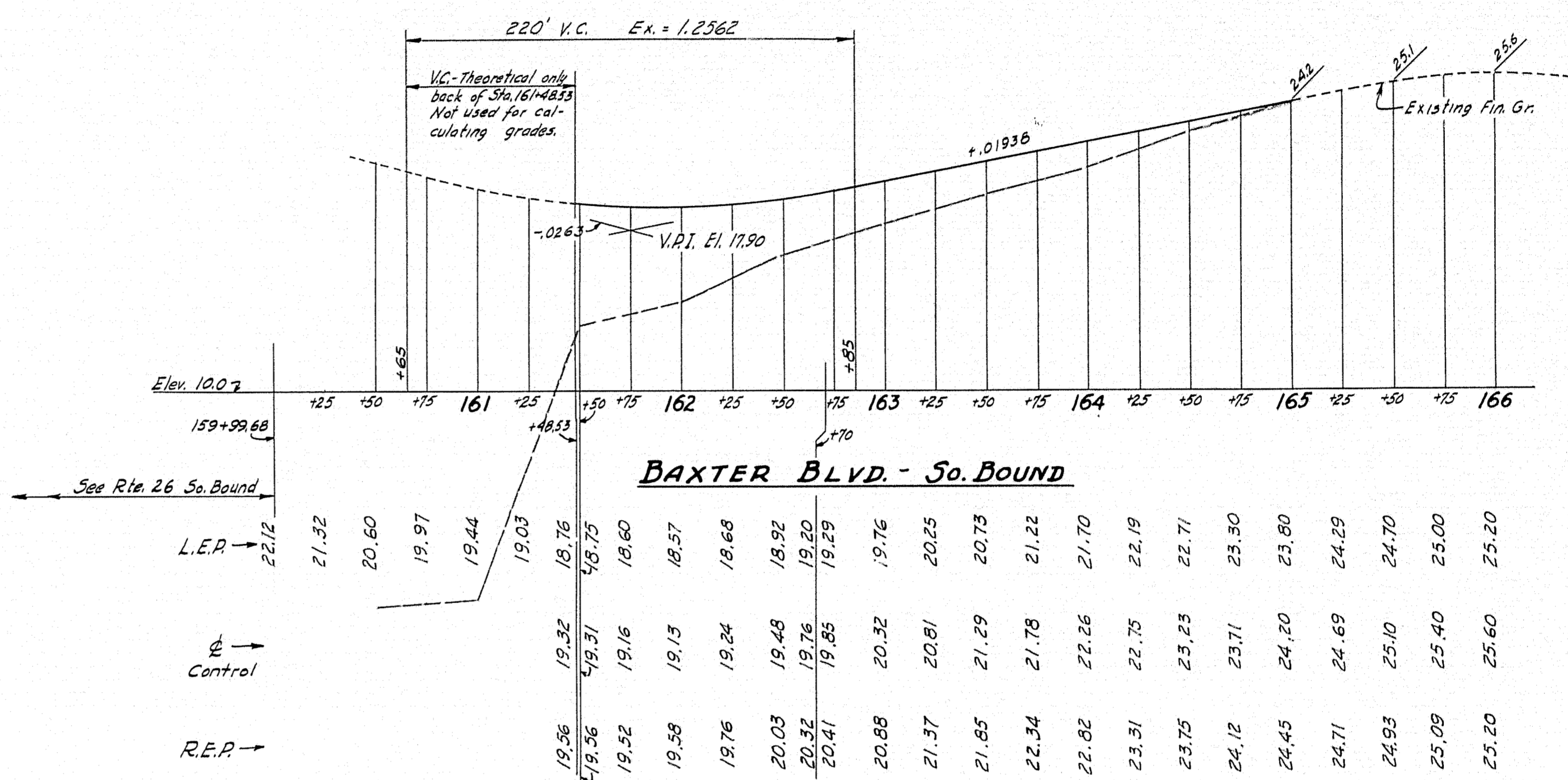
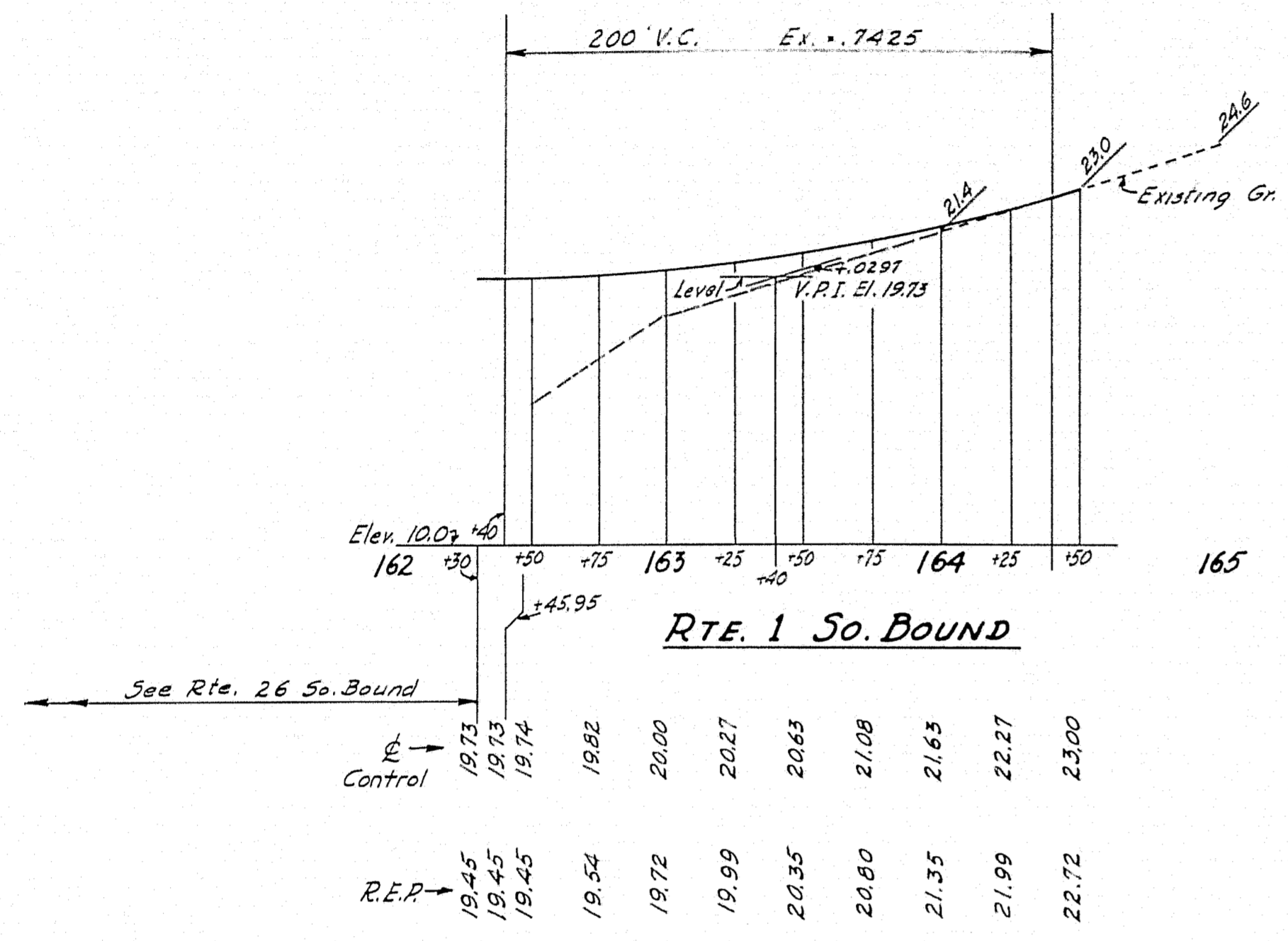
INTERSTATE SOUTHBOUND
Sta. 157+00 to 163+00
AND
ROUTE 26 SOUTHBOUND
Sta. 163+00 to 166+00



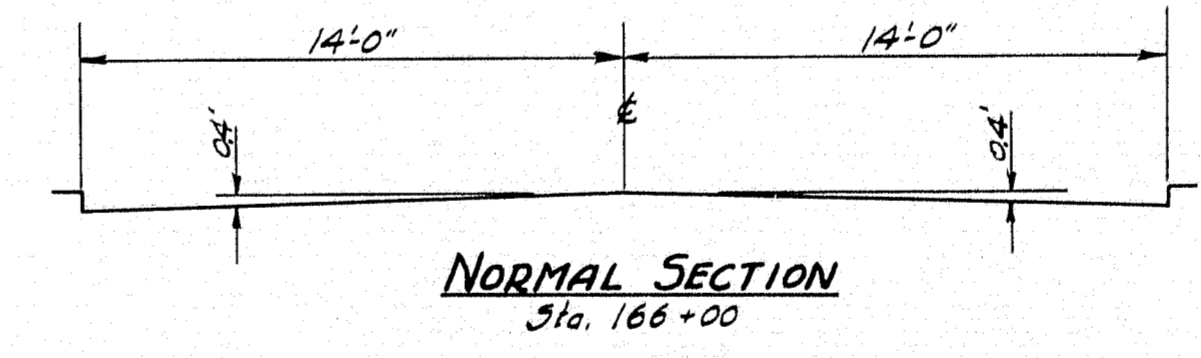
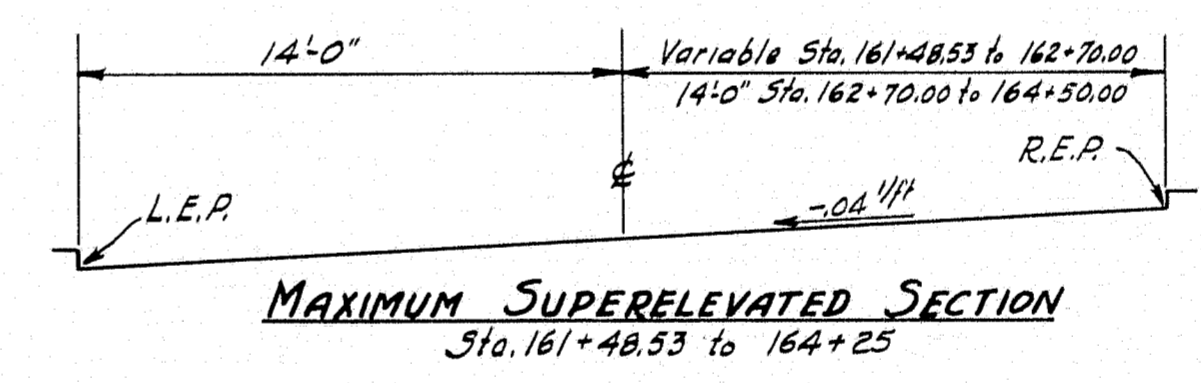
DESIGN - RISSEL	BRIDGE NO.
TRACE - FORTIER	SURVEY -
CHECK -	PILOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
PROFILES
NORTH APPROACH - SOUTHBOUND
SHEET 51 OF 166 AUGUSTA, MAINE OCT. 1957





NOTE: At Sta. 162+30 Control Crown Rte. 1 So. Bound equals Secondary Crown Rte. 26 So. Bound.

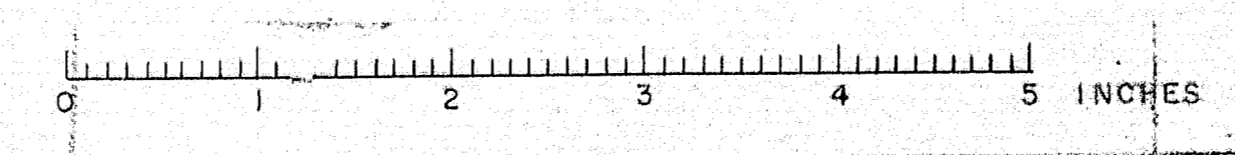


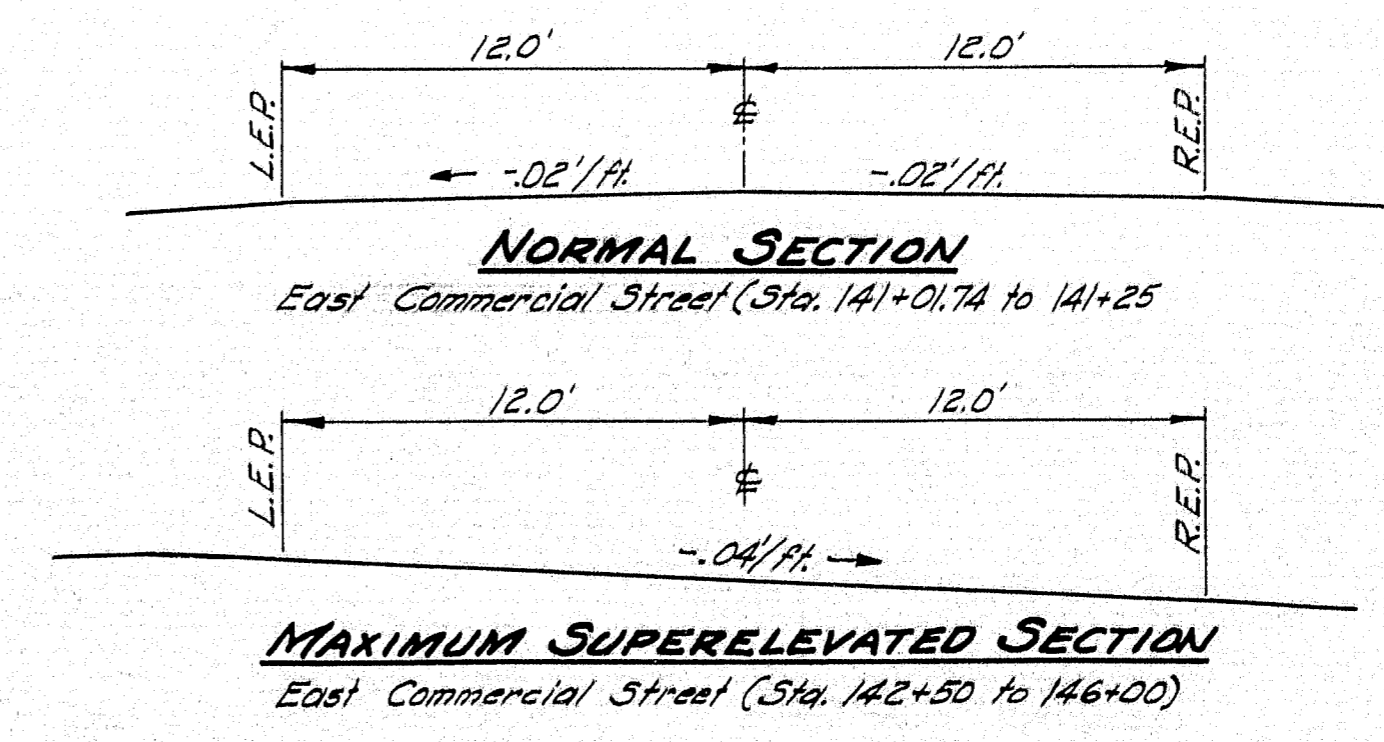
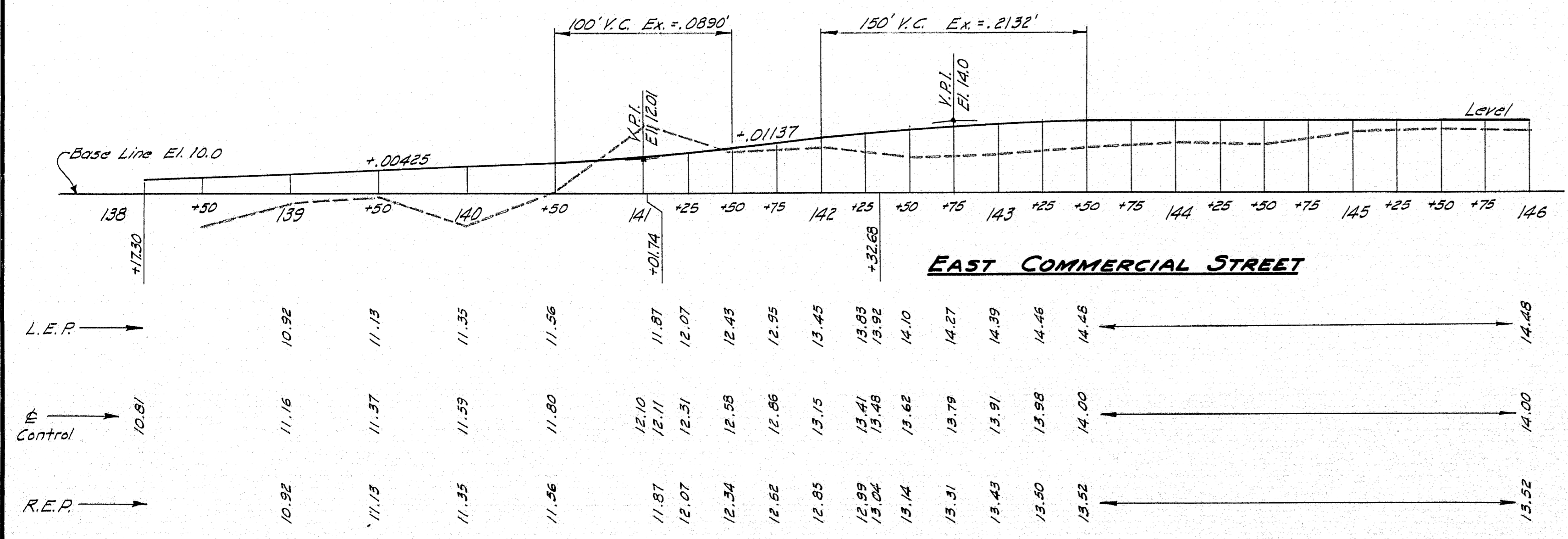
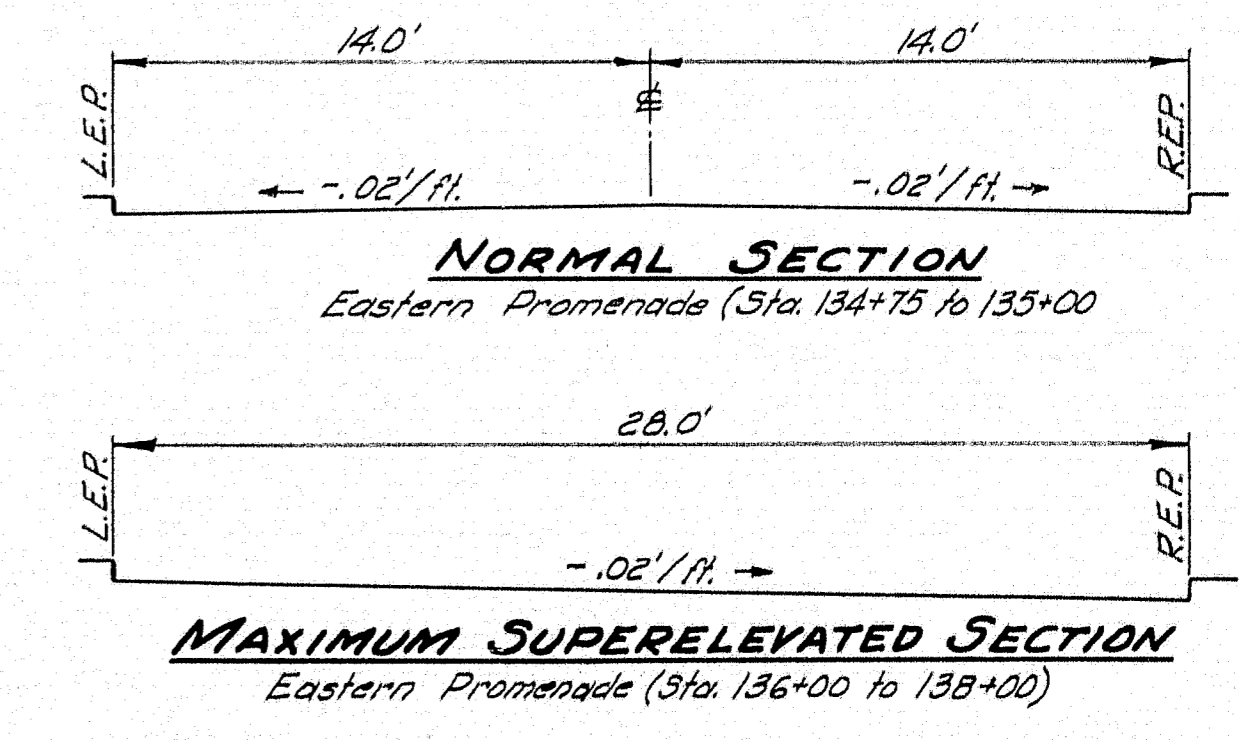
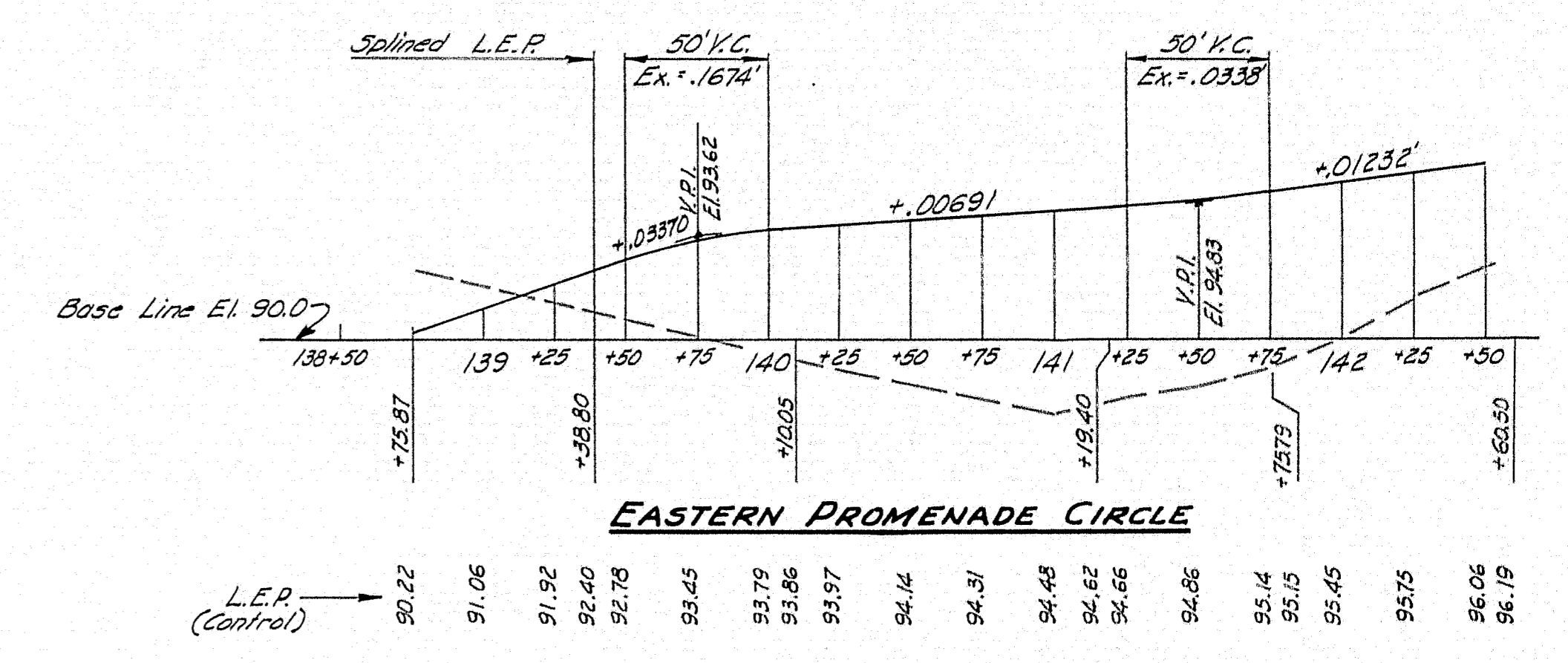
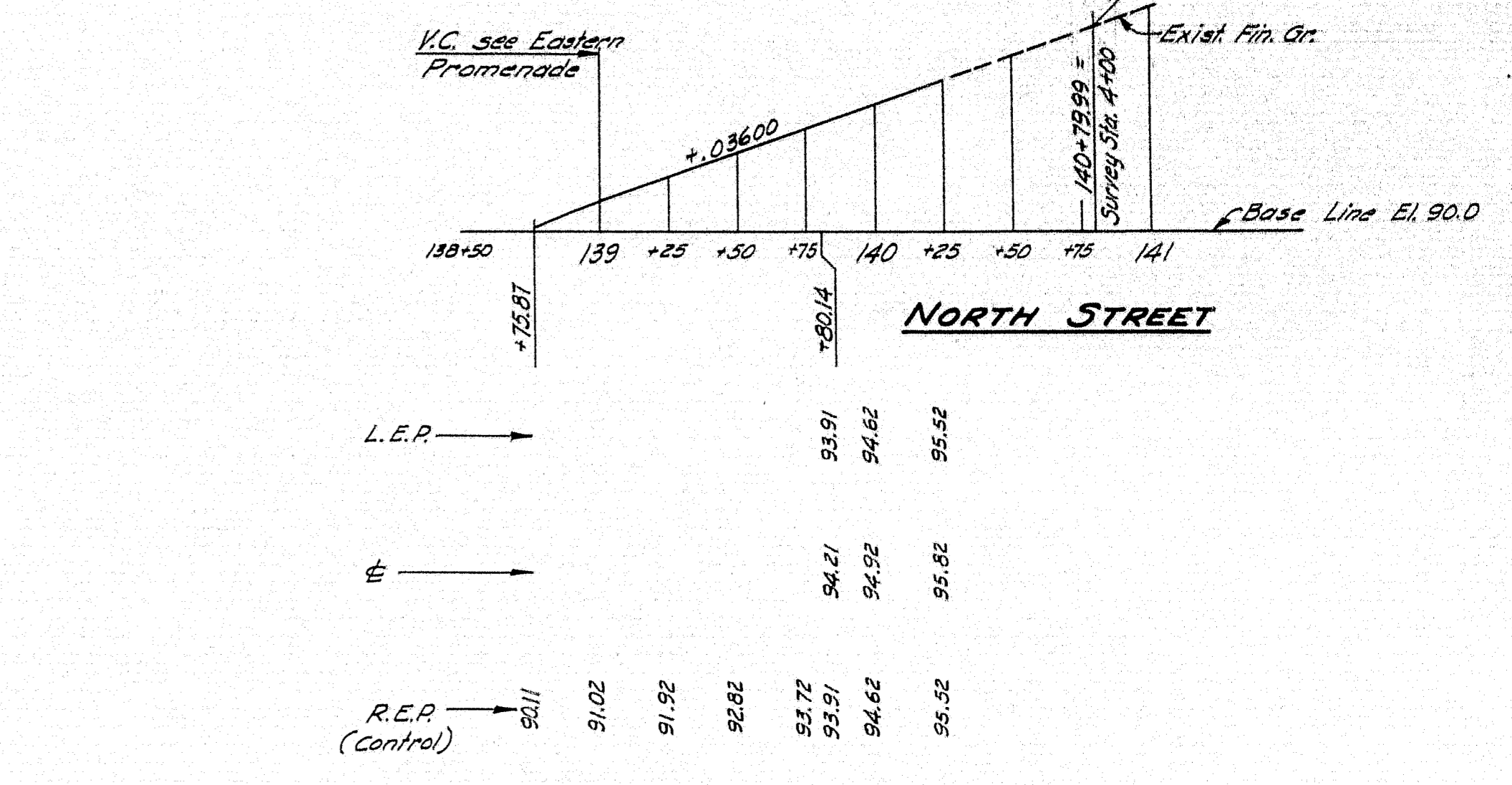
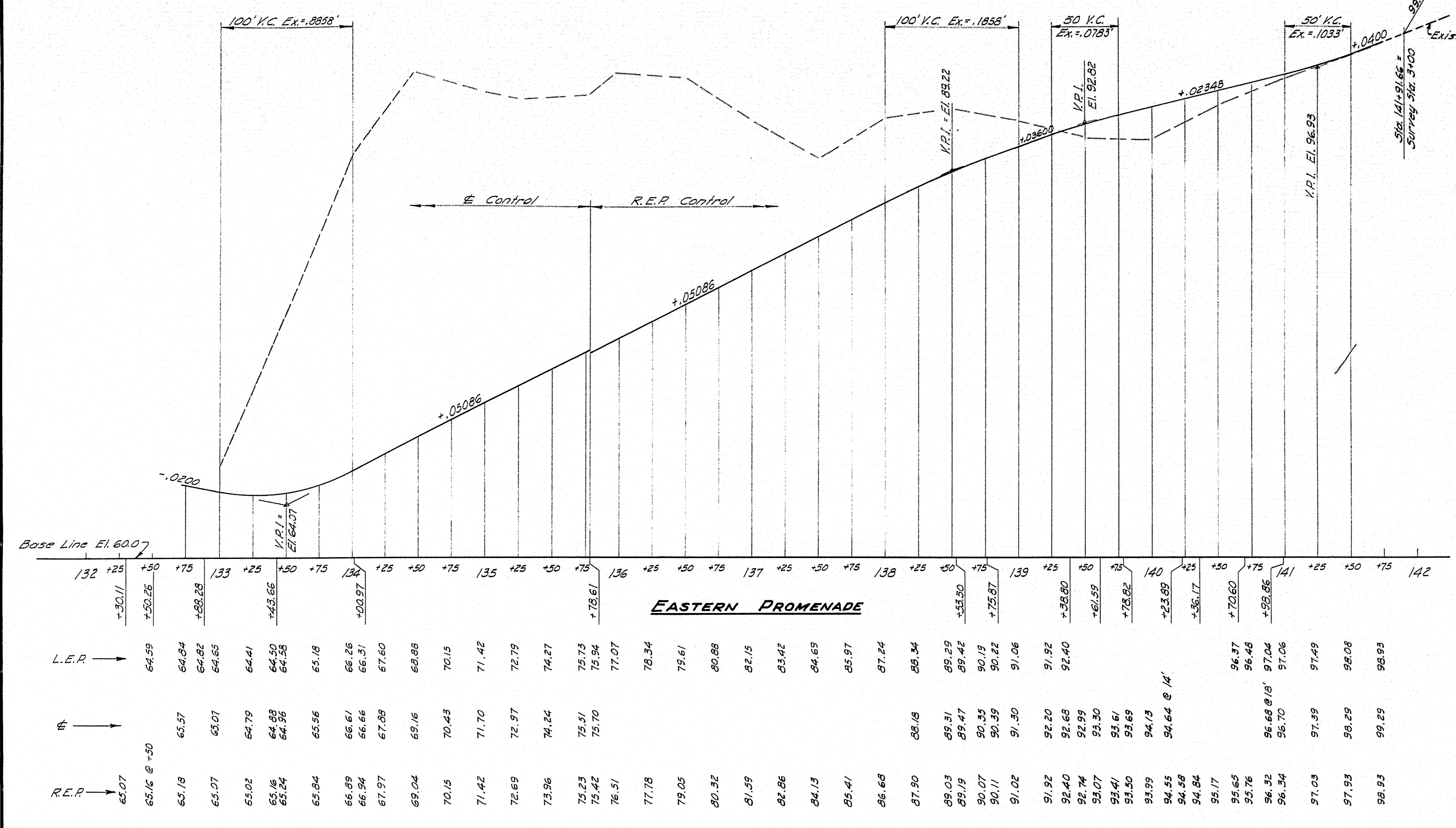
DESIGN - RISSEL	BRIDGE NO.
TRACE - FORTJER	SURVEY -
CHECK -	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
PROFILES
NORTH APPROACH - SOUTHBOUND

SHEET 52 OF 166 AUGUSTA, MAINE OCT. 1957



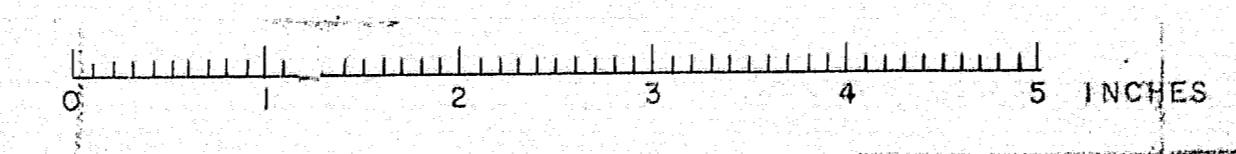


DESIGN - RISSEL
TRACE - CLARK
CHECK - 2252

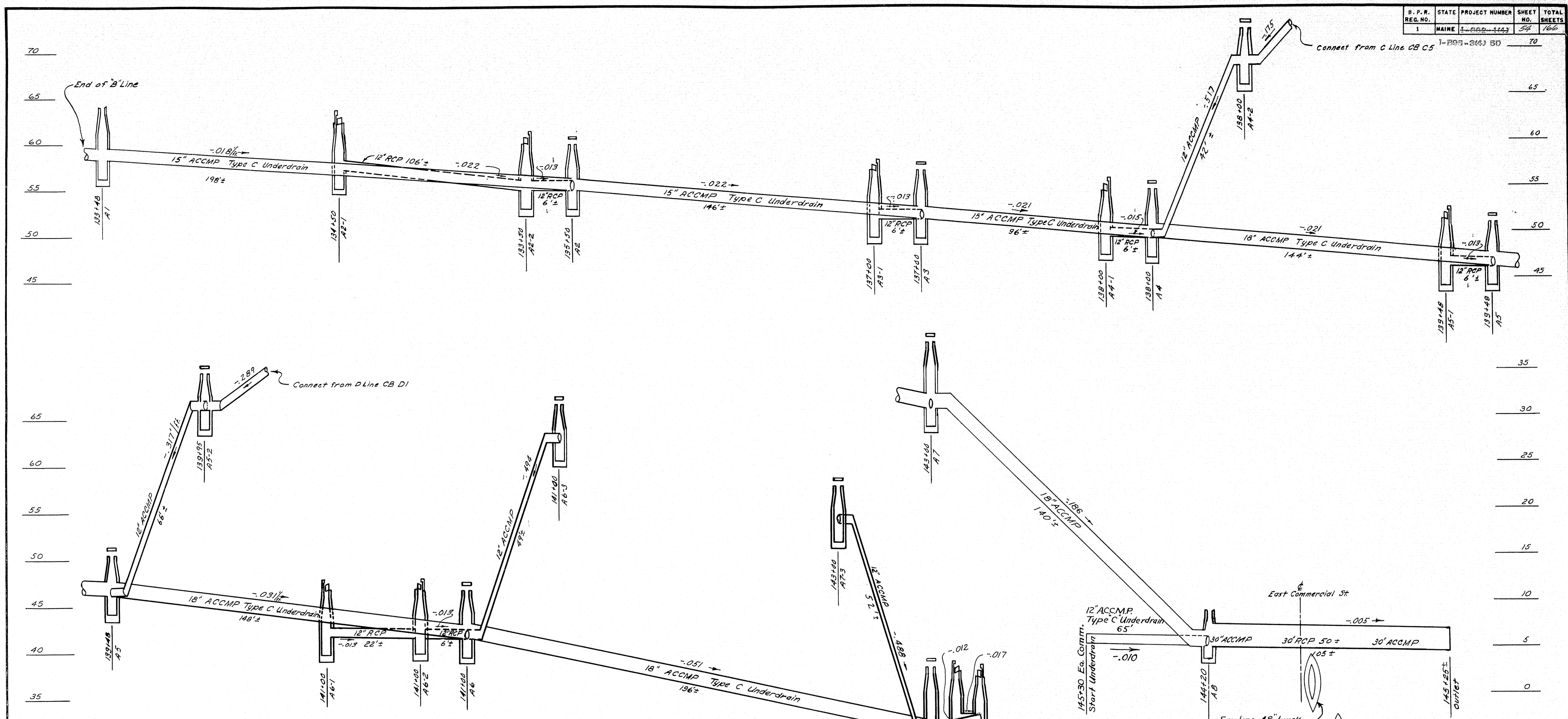
BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

PROFILES - SOUTH APPROACH
EASTERN PROMENADE & EAST COMMERCIAL STREET
SHEET 53 OF 166 AUGUSTA, MAINE OCT. 1957



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-199-2(4) 80	54	166



"A" Line - Catch Basin Schedule - Washington Ave. Northbound

C.B. No.	Station	Offset	Type	Rim Elev.	Throat El.	Inv. Elev.	C.B. Invert
A1	133+48	23'-0" R. W. AVE	A	64.00		58.00 ✓	56.00 ✓
A2-1	134+50	23'-1 1/2" L. W. AVE	C	62.50		56.25 ✓	54.83 ✓
A2-2	135+50	13'-1 1/2" R. W. AVE	C	60.26		54.51 ✓	52.51 ✓
A2	135+50	22'-6" R. W. AVE	D		59.80	54.43 ✓	52.43 ✓
A3-1	137+00	13'-1 1/2" R.	C	57.03		51.28 ✓	49.28 ✓
A3	137+00	22'-6" R.	D		56.50	51.20 ✓	49.20 ✓
A4-1	138+00	13'-1 1/2" R.	C	55.00		49.25 ✓	47.25 ✓
A4-2	138+00	65'-0" R.	D		71.50	66.75 ✓	64.75 ✓
A4	138+00	22'-6" R.	D		54.50	49.16 ✓	47.16 ✓
A5-1	139+48	13'-1 1/2" R.	C	51.92		46.17 ✓	44.17 ✓
A5	139+48	22'-6" R.	D		51.40	46.09 ✓	44.09 ✓
A5-2	139+95	71'-0" R.	D		69.70	64.95 ✓	62.95 ✓
A6-1	141+00	13'-1 1/2" L.	C	47.36		41.70 ✓	39.61 ✓
A6-2	141+00	13'-1 1/2" R.	C	47.36		41.61 ✓	39.61 ✓
A6	141+00	22'-6" R.	D		46.90	41.53 ✓	39.53 ✓
A6-3	141+00	71'-0" R.	D		66.30	61.35 ✓	59.35 ✓
A7	143+00	22'-6" R.	D		38.0	31.50 ✓	29.50 ✓
A7-3	143+00	73'-0" R.	D		57.00	52.25 ✓	50.25 ✓
A7-1	143+13	13'-1 1/2" L.	C	37.94		32.19 ✓	30.19 ✓
A7-2	143+23	13'-1 1/2" R.	C	37.52		31.77 ✓	29.77 ✓
A8	144+20	35'-0" R.	A	10.50		6.70 ✓	3.92 ✓
Start Underdrain	145+30	145+30	C			7.35 ✓	
Outlet	145+25	107'-0" R.				6.20 ✓	

*Offset refers to E of catch basins.

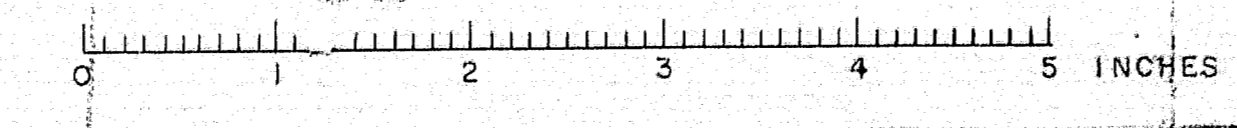
NOTE: See "Special Details" Sh. 121

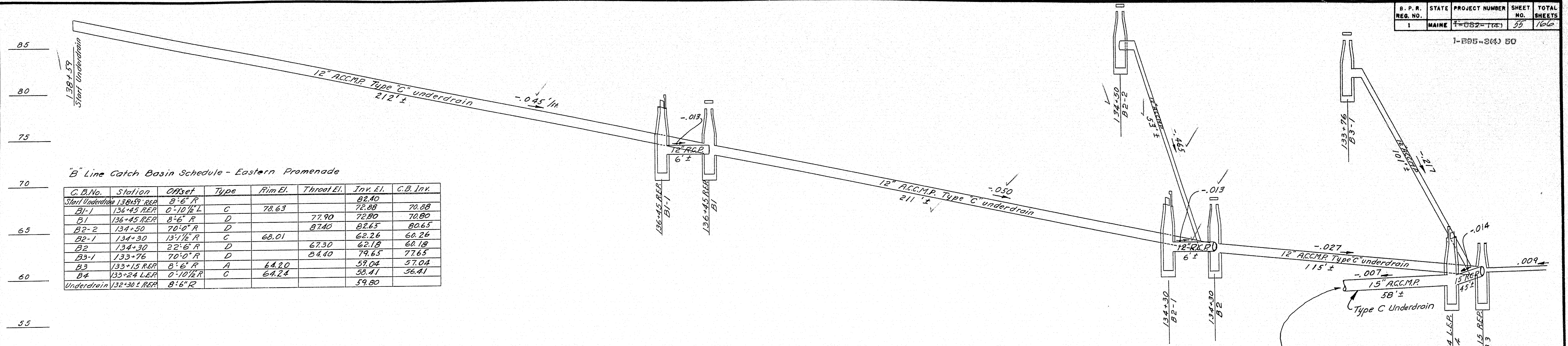
DESIGN - BARNES
TRACE - AULT
CHECK - ABP

BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

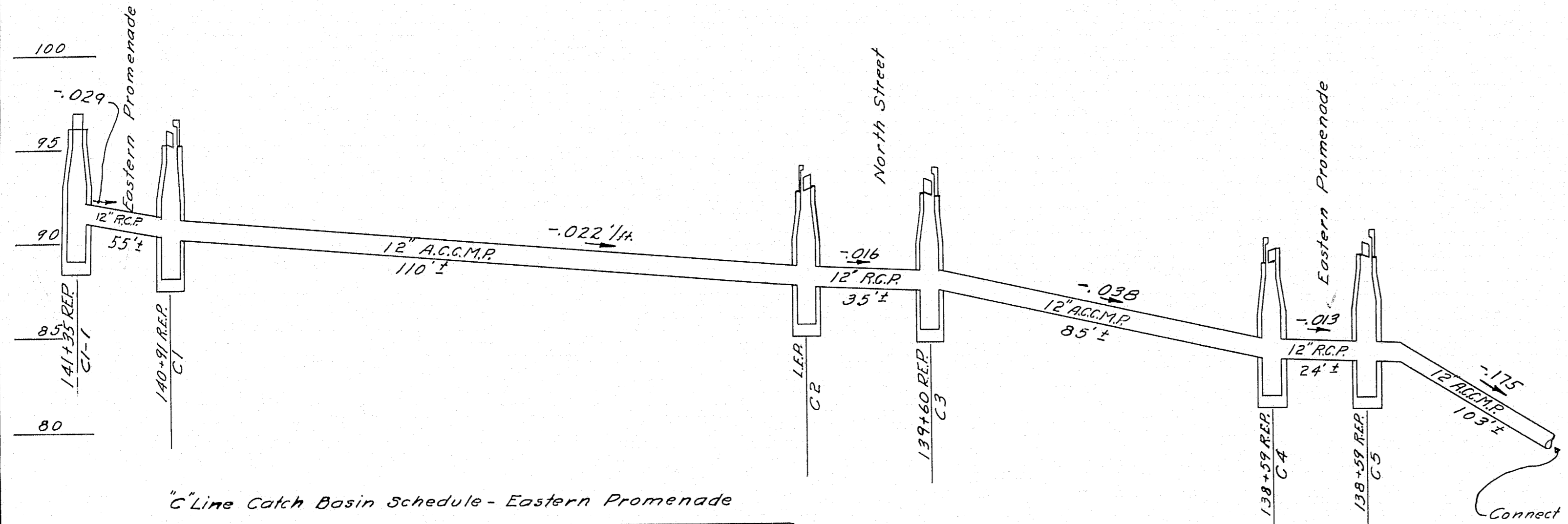
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILE A LINE
WASHINGTON AVE - NORTHBOUND
SHEET 54 OF 166 AUGUSTA, MAINE OCT. 1957





"B" Line Catch Basin Schedule - Eastern Promenade

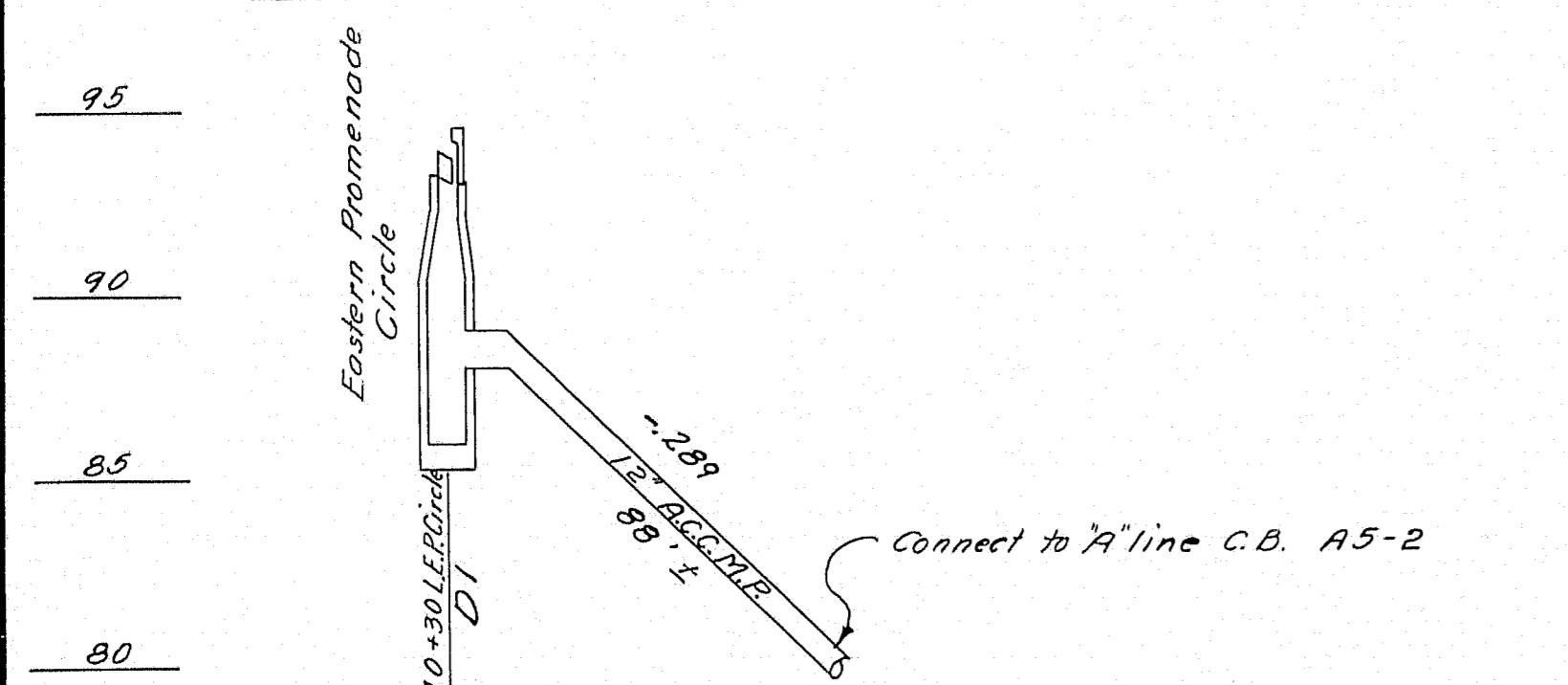
C.B. No.	Station	Offset	Type	Rim El.	Throat El.	Inv. El.	C.B. Inv.
Start Underdrain	130+59 REP	8'-6" R				82.40	
B1-1	134+45 REP	0'-10 1/2" L	C	78.63	77.90	72.88	70.88
B1	136+45 REP	8'-6" R	D		77.90	72.80	70.80
B2-2	134+50	7'-0" R	D		87.40	82.65	80.65
B2-1	134+30	13'-1 1/2" R	C	68.01		62.26	60.26
B2	134+30	22'-6" R	D		67.30	62.18	60.18
B3-1	133+76	7'-0" R	D		84.40	79.65	77.65
B3	133+15 REP	8'-6" R	A	64.20		59.04	57.04
B4	135+24 REP	0'-10 1/2" R	C	64.24		59.41	56.41
Underdrain	132+30 L REP	8'-6" R				59.80	



"C" Line Catch Basin Schedule - Eastern Promenade

C.B. No.	Station	Offset	Type	Rim El.	Inv. El.	C.B. Inv.
C1	140+91 REP	0'-10 1/2" L	C	95.97	90.22	83.22
C2	LEP	0'-10 1/2" R	C	93.32	87.82	85.57
C3	139+60 REP	0'-10 1/2" L	C	93.01	87.26	85.26
C4	138+59 REP	0'-10 1/2" L	C	89.25	84.00	81.50
C5	138+59 REP	27'-1 1/2" L	C	89.45	83.70	81.70
C1-1	141+35 REP	36" L	E	97.56	91.81	89.81

See "Grading Plan" for location of C2



"D" Line Catch Basin Schedule - Eastern Promenade

C.B. No.	Station	Offset	Type	Rim El.	Inv. El.	C.B. Inv.
D1	140+30 LEP	0'-10 1/2" R	C	93.83	83.08	86.08

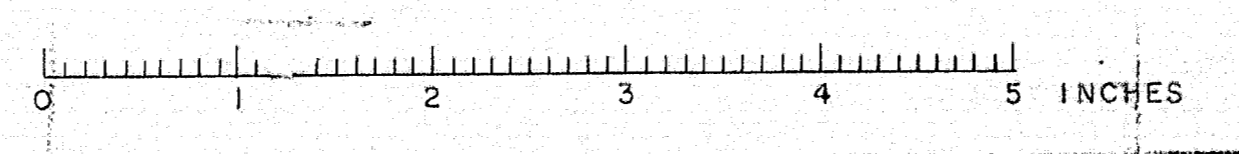
NOTE: See "Special Details" 511121
"Offset" in tables refers to E of
catch basins.

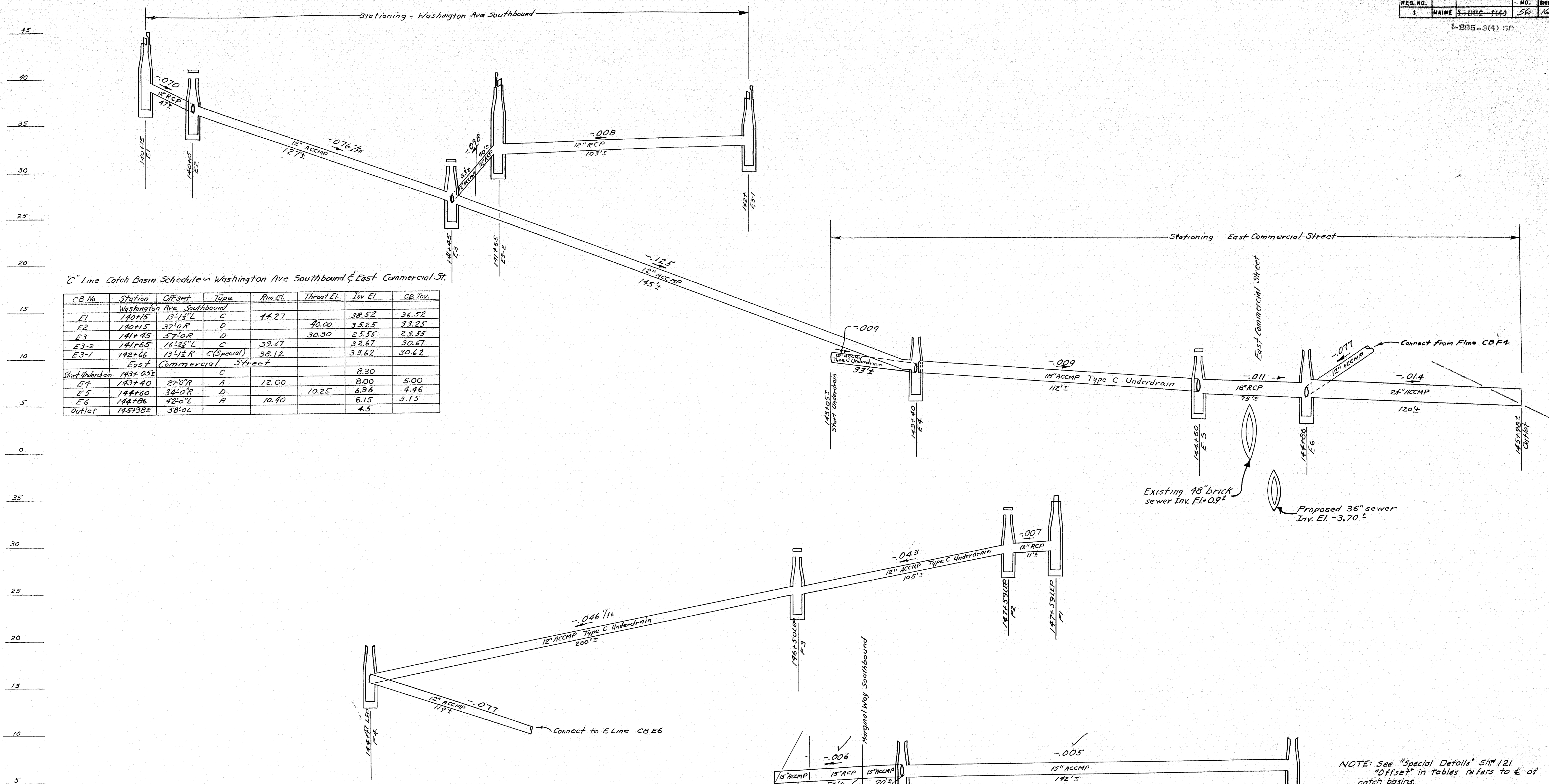
DESIGN - BARNES	BRIDGE NO.
TRACE - SAVAGE	SURVEY -
CHECK - A.B.P.	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILES B, C & D LINES
EASTERN PROMENADE

SHEET 55 OF 166 AUGUSTA, MAINE OCT. 1957





C Line Catch Basin Schedule - Washington Ave Southbound & East Commercial St.

CB No.	Station	Offset	Type	Rim EL	Throat EL	Inv EL	CB Inv.
Washington Ave Southbound							
E1	140+15	13'-1 1/2" L	C	44.27		38.52	36.52
E2	140+15	37'-0" R	D		40.00	35.25	33.25
E3	141+45	57'-0" R	D		30.30	25.55	23.55
E3-2	141+65	18'-2 1/2" L	C	39.67		32.67	30.67
E3-1	142+66	13'-1 1/2" R	C (Special)	38.12		33.62	30.62
East Commercial Street							
Start Underdrain	143+05 1/2		C			8.30	
E4	143+40	27'-0" R	A	12.00		8.00	5.00
E5	144+60	34'-0" R	D		10.25	6.96	4.46
E6	144+86	42'-0" L	A	10.40		6.15	3.15
Outlet	145+98 1/2	58'-0" L				4.5	

F Line Catch Basin Schedule - Interstate Northbound

CB No.	Station	Offset	Type	Rim EL	Throat EL	Inv EL	CB Inv.
F1	147+59 LEP	1'-0" L	E	34.82		29.07	27.07
F2	147+59 LEP	14'-0" L	D		33.10	28.99	26.99
F3	146+50 LEP	12'-6" L	D		28.50	24.50	22.50
F4	144+47 LEP	12'-6" L	A	19.50		15.37	12.87

G Line Catch Basin Schedule - Interstate & Marginal Way - Southbound

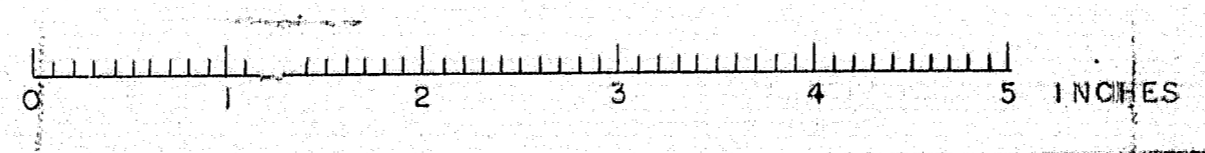
CB No.	Station	Offset	Type	Rim EL	Inv EL	CB Inv.
G1	143+50	77'-3" R	A	9.50	5.92	2.92
G2	141+84	58'-0" R	A	9.00	5.17	2.42
Outlet	141+81	54'-0" L ±			4.5	

NOTE: See "Special Details" SM 121
"Offset" in tables refers to ± of catch basins.

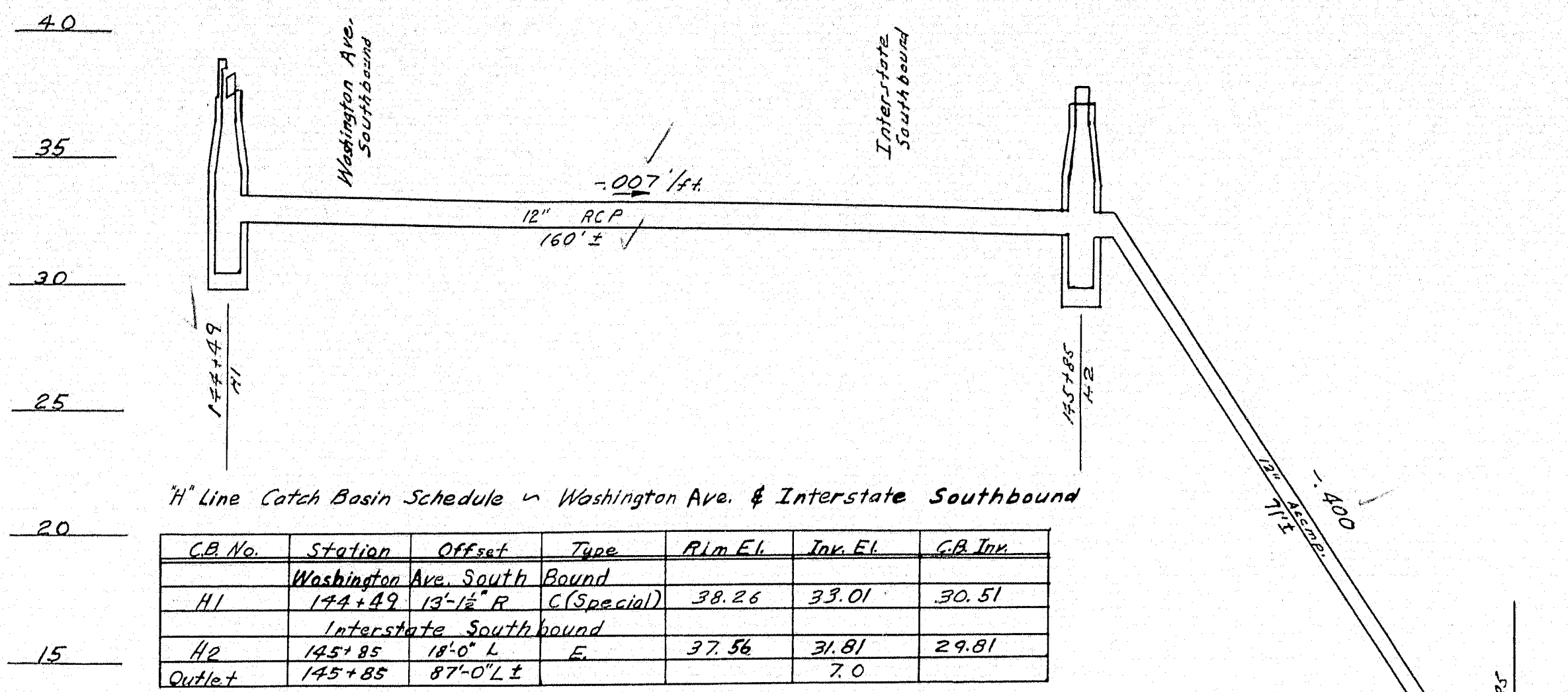
DESIGN - BARNES	BRIDGE NO.
TRACE - L.E. BROWN	SURVEY
CHECK - J.B. BEE	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILES - E, F, G LINES

SHEET 56 OF 166 AUGUSTA, MAINE OCT. 1957

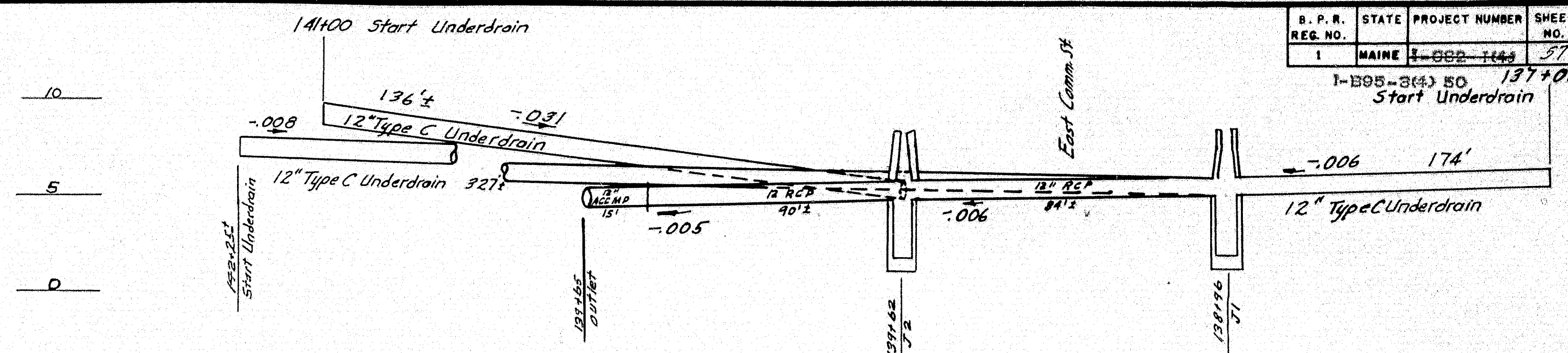


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-888-3(4) 50	57	166



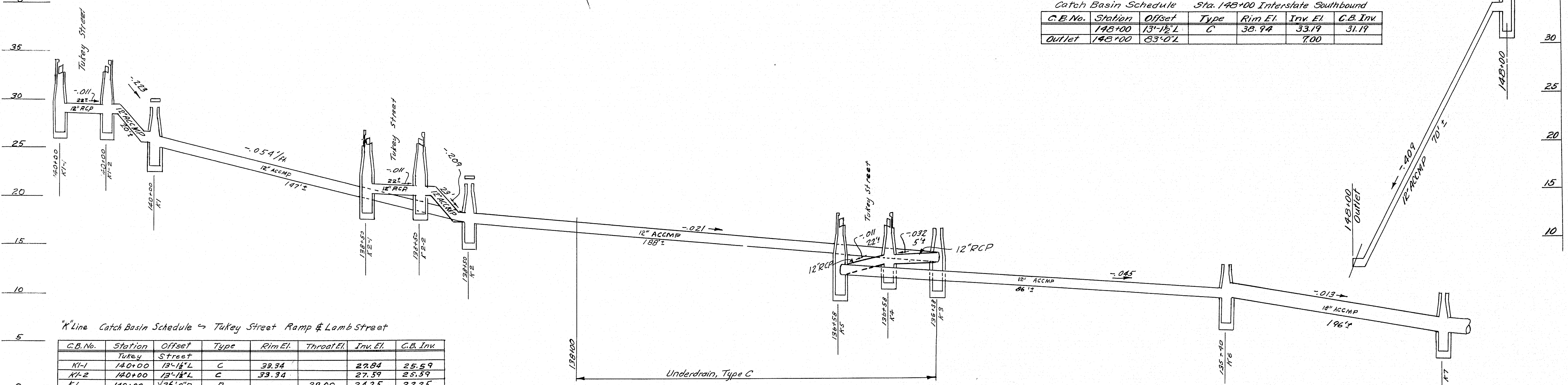
H Line Catch Basin Schedule ~ Washington Ave. & Interstate Southbound

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
H1	144+89	13'-1/2" R	C (Special)	38.26	33.01	30.51
H2	145+85	18'-0" L	E	37.56	31.81	29.81
Outlet	145+85	87'-0" L			7.0	



J Line Catch Basin Schedule ~ East Commercial St. & Marginal Way

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Start Underdrain	138+25	26'-0" R	C		8.0	
J1	138+95	35'-0" R	A	8.50	5.42	1.92
J2	139+62	28'-0" L	A	8.70	4.92	2.12
Outlet	139+65	33'-0" L			4.40	
Start Underdrain	141100±	24'-0" R			9.10	
" "	137100±	25'-0" R			6.50	



K Line Catch Basin Schedule ~ Tukey Street Ramp & Lamb Street

C.B. No.	Station	Offset	Type	Rim El.	Throat El.	Inn. El.	C.B. Inn.
K1-1	140+00	13'-1/2" L	C	38.34		27.84	25.59
K1-2	140+00	13'-1/2" L	C	38.34		27.59	25.59
K1	140+00	36'-0" R	D		29.00	24.25	22.25
K2-1	138+50	13'-1/2" L	C	25.77		20.27	18.02
K2-2	138+50	13'-1/2" R	C	25.77		20.02	18.02
K2	138+50	38'-0" R	D		21.00	16.25	14.25
K3	136+58	22'-0" R	A	16.80		12.20	10.20
K4	136+58	13'-1/2" R	C	17.54		12.04	9.79
K5	136+58	18'-1/2" L	C	17.54		11.79	9.79
K6	135+40	28'-0" L	A	12.50		7.92	5.92
K7			A	9.00		5.42	2.82
Outlet	135+801	49'-0" L				4.50	

* For location of K7 see "Grading Plan."

Catch Basin Schedule Sta. 148+00 Interstate Southbound

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
148+00	148+00	13'-1/2" L	C	38.94	33.19	31.19
Outlet	148+00	83'-0" L			7.00	

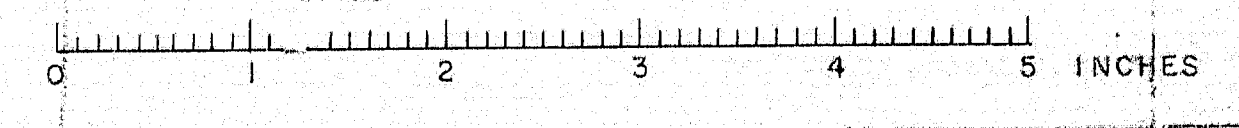
Note: See "Special Details" Sh# 121 "Offset" in tables refers to E of catch basins.

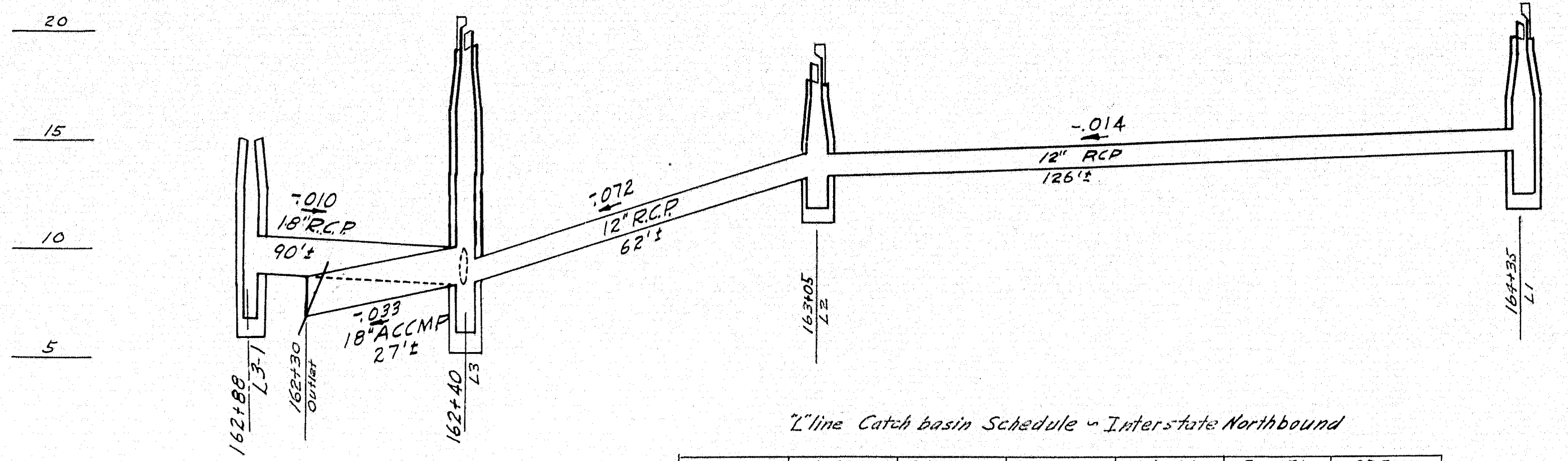
DESIGN - BARNES
TRACE - W.A.H.
CHECK - A.B.P.

BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

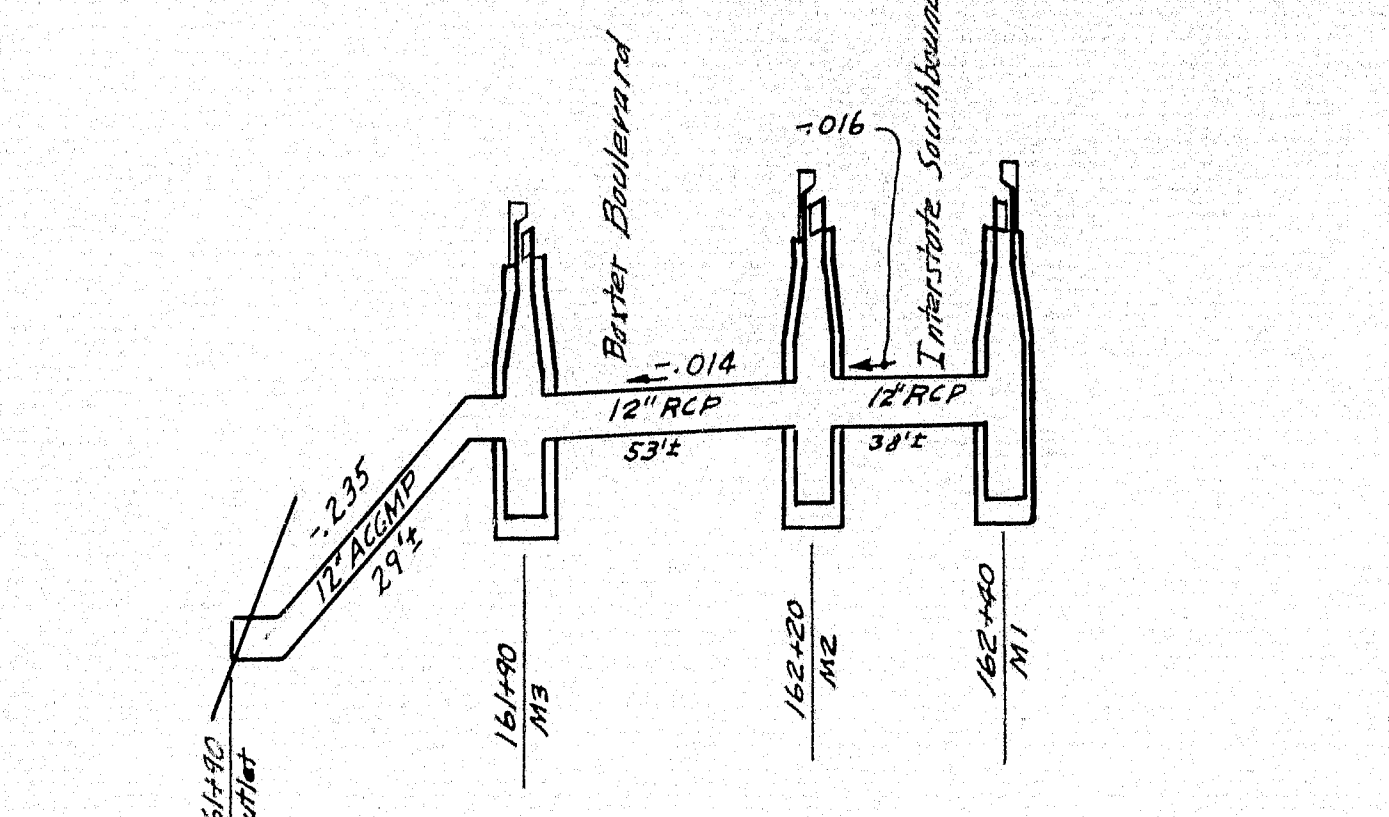
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILES H&K LINES
SHEET 57 OF 166 AUGUSTA, MAINE OCT. 1957





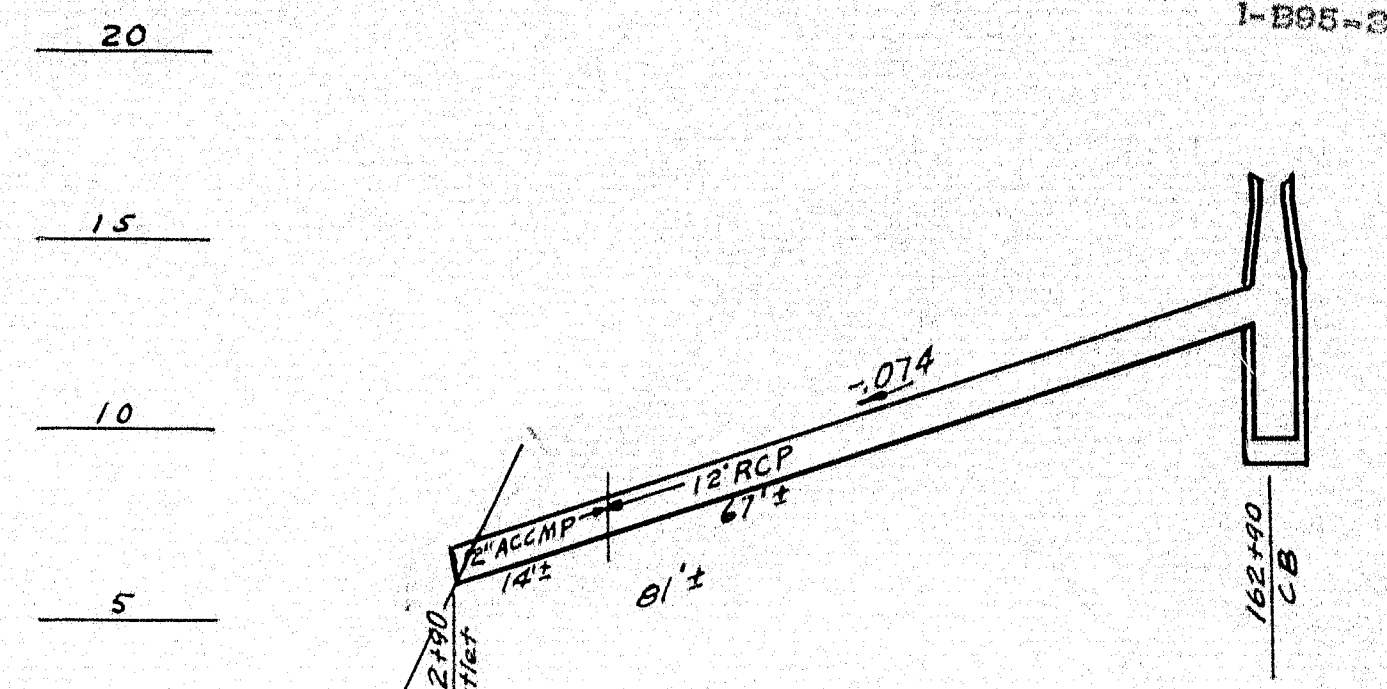
"L" line Catch basin Schedule - Interstate Northbound

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
B & M to U.S.1 Northbound						
L1	164+35	7'-1/2" R	C	19.90	14.15	12.15
U.S.1 Northbound						
L2	189+05	15'-2 1/2" R	C	18.10	12.95	10.35
Interstate Northbound to B & M						
L3	162+40	9'-1/2" R	C	17.61	7.90	5.90
Route 26 Northbound						
L3-1	162+88	47'-0" L	A	16.00	8.80	6.80
Outlet	162+90	61'-0" R			7.00	



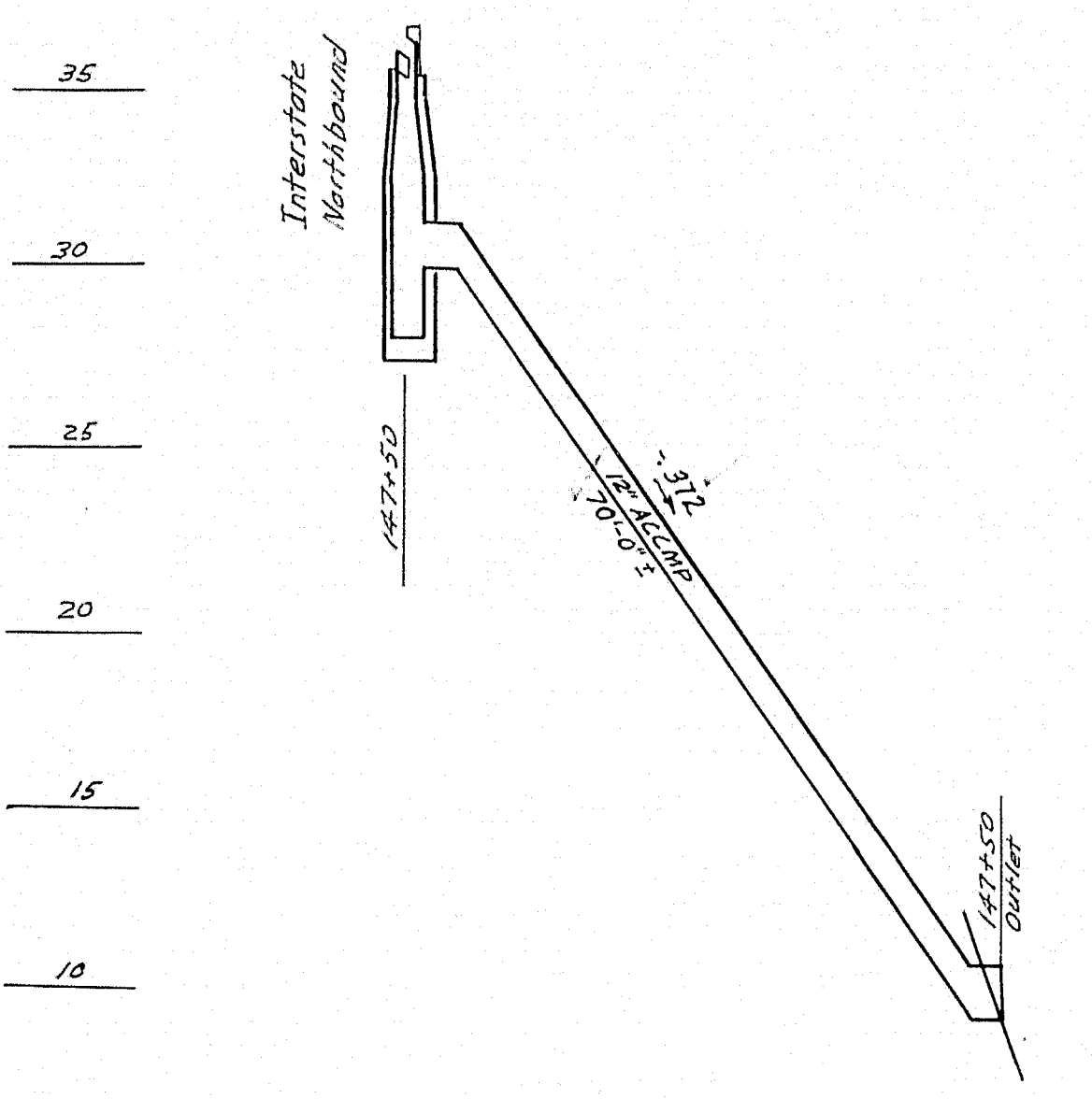
"M" line Catch Basin Schedule - Interstate Southbound & Baxter Blvd.

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Interstate Southbound						
M1	162+40	25'-1/2" R	C	19.28	14.03	11.53
M2	162+20	13'-1/4" L	C	19.16	13.41	11.41
Baxter Boulevard						
M3	161+80	13'-1/4" L	C	18.40	12.65	10.65
Outlet	161+90	42'-0" L			7.00	



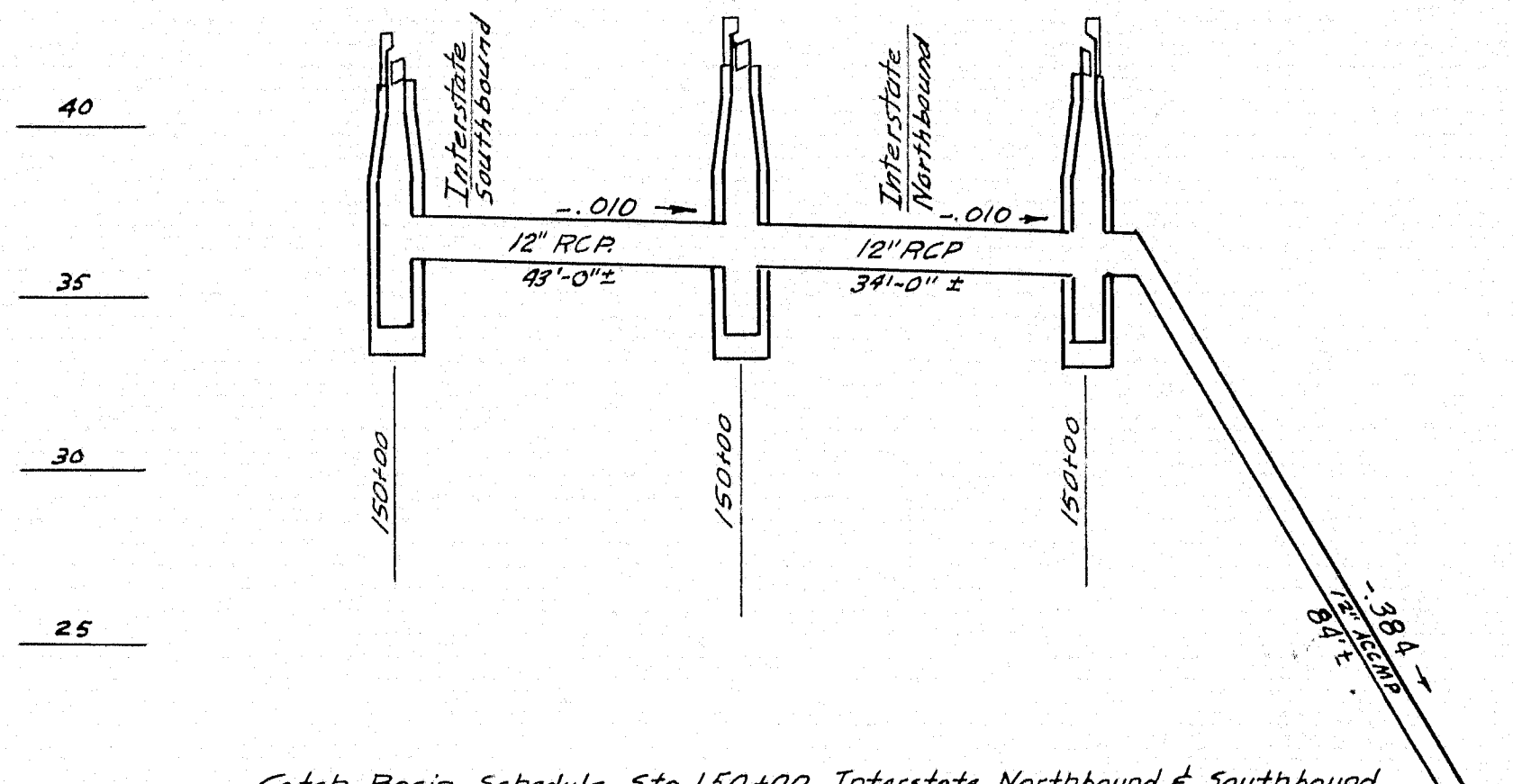
Catch Basin Schedule - Sta. 162+90 Baxter Blvd.

C.B. No.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
C.B.	162+90	37'-0" R	A	17.00	13.00	10.00
Outlet	162+90	47'-0" L			7.00	



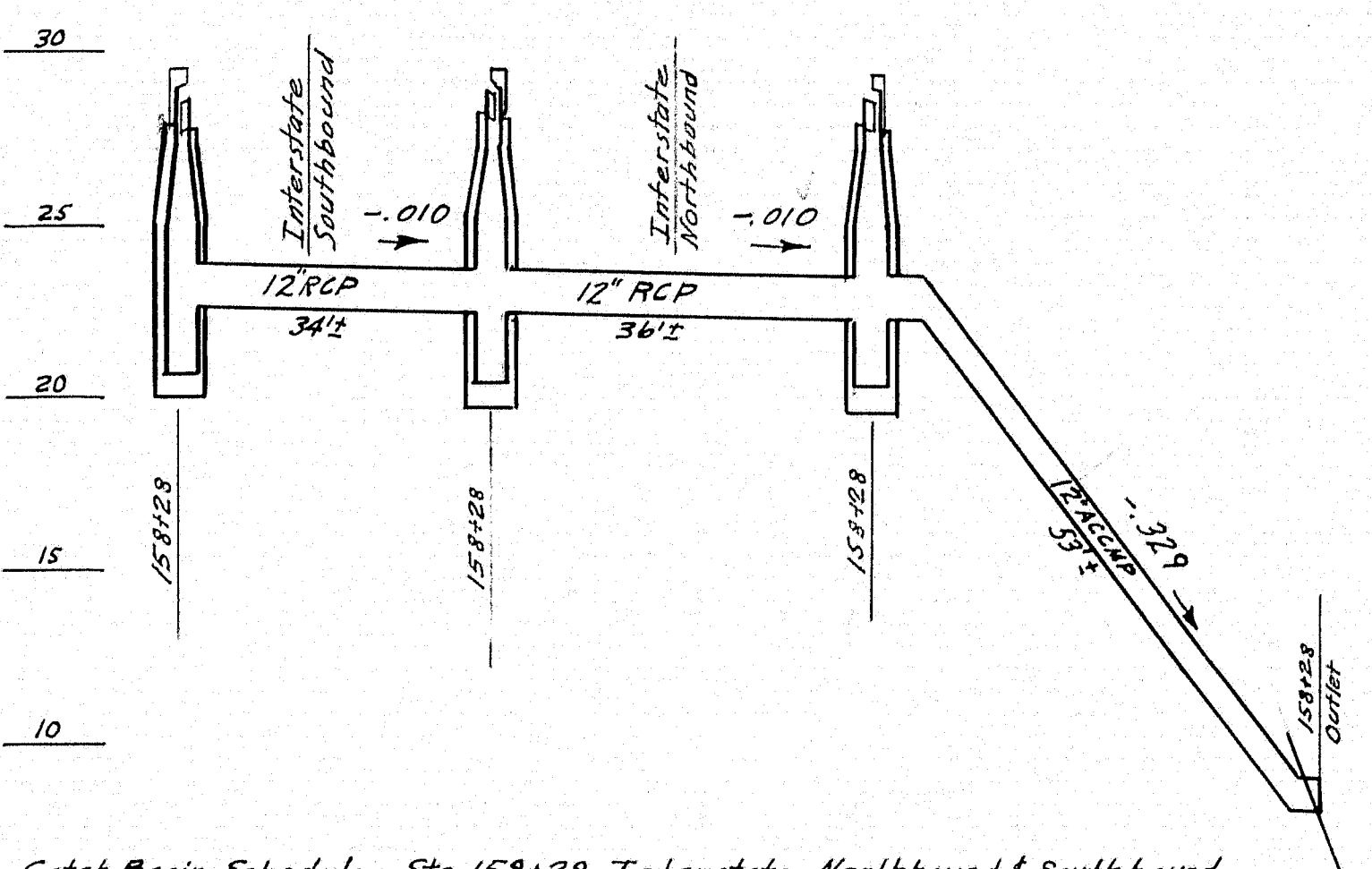
Catch Basin Sta. 147+50 Interstate Northbound

C.B.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Northbound	147+50	13'-1/2" R	C	33.79	30.04	28.04
Outlet	147+50	80'-0" R			7.0	



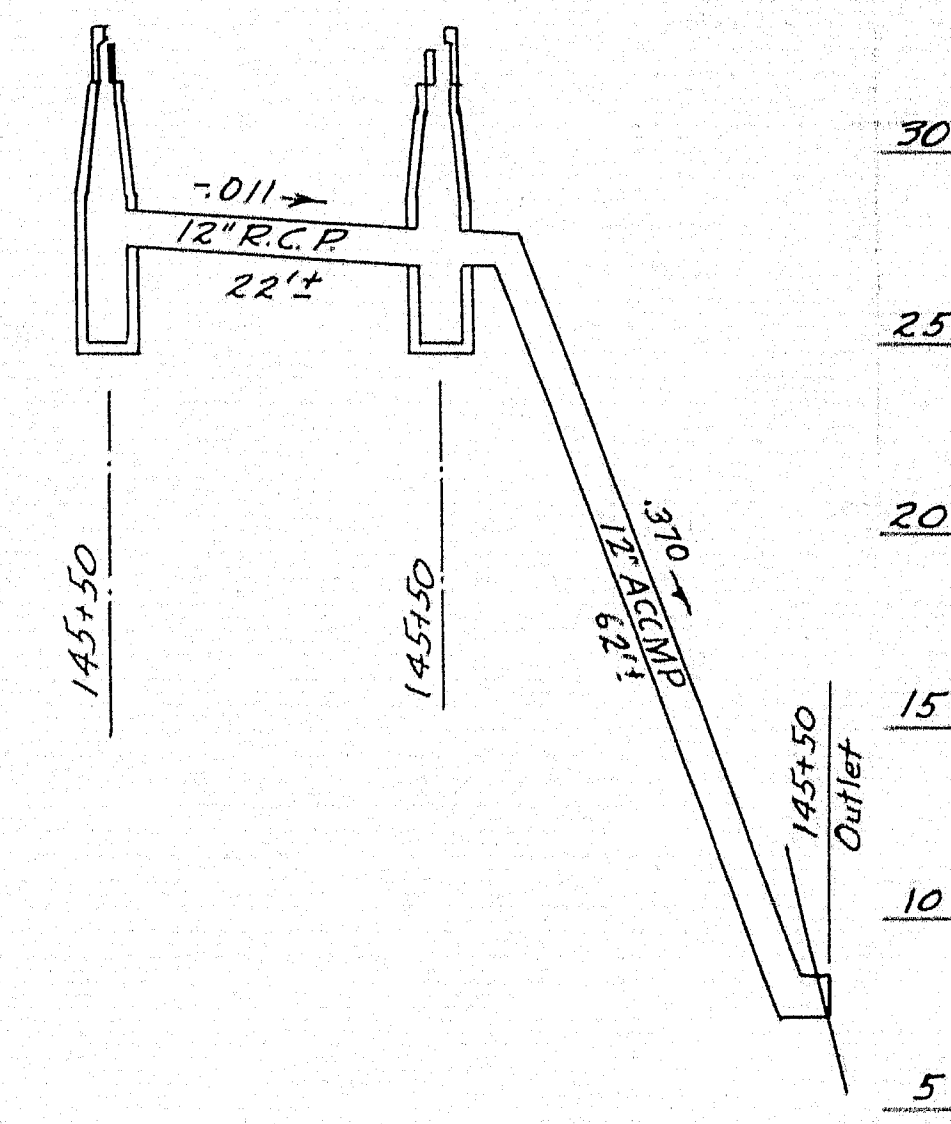
Catch Basin Schedule Sta. 150+00 Interstate Northbound & Southbound

C.B.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Southbound	150+00	13'-1/2" L	C	41.67	36.17	34.17
Northbound	150+00	25'-1/2" L	C	42.24	35.74	33.74
Outlet	150+00	13'-1/2" R	C	42.08	35.40	33.40
Outlet	150+00	93'-0" R			7.00	



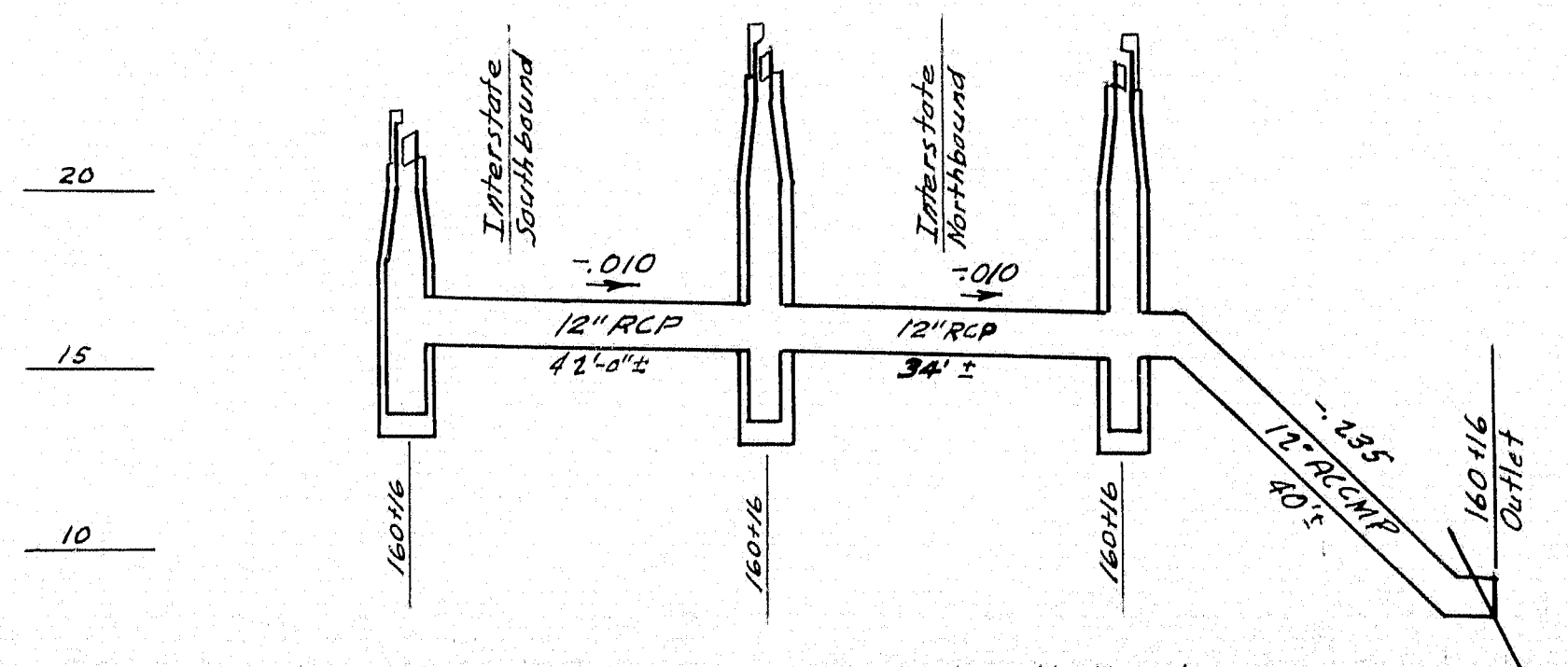
Catch Basin Schedule Sta. 158+28 Interstate Northbound & Southbound

C.B.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Southbound	158+28	13'-1/2" L	C	28.53	22.83	20.83
Outlet	158+28	25'-1/4" R	C	28.78	22.49	20.49
Northbound	158+28	13'-1/2" R	C	28.58	22.13	20.13
Outlet	158+28	63'-0" R			7.00	



Catch Basin Schedule Sta. 145+50 Washington Ave Northbound

C.B.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Northbound	145+50	13'-1" L	C	32.74	27.74	24.99
Outlet	145+50	13'-1" R	C	32.74	24.99	24.99
Outlet	145+50	73'-0" R			7.0	



Catch Basin Schedule 160+16 Interstate North & South Bound

C.B.	Station	Offset	Type	Rim El.	Inn. El.	C.B. Inn.
Southbound	160+16	13'-1/2" L	C	21.30	16.00	14.00
Northbound	160+16	25'-1/2" L	C	23.80	15.58	13.58
Outlet	160+16	13'-1/2" R	C	23.35	15.24	13.24
Outlet	160+16	54'-0" R			7.00	

Note: See "Special Details" S.H.# 121. "Offset" in tables refers to $\frac{1}{2}$ of catch basins.

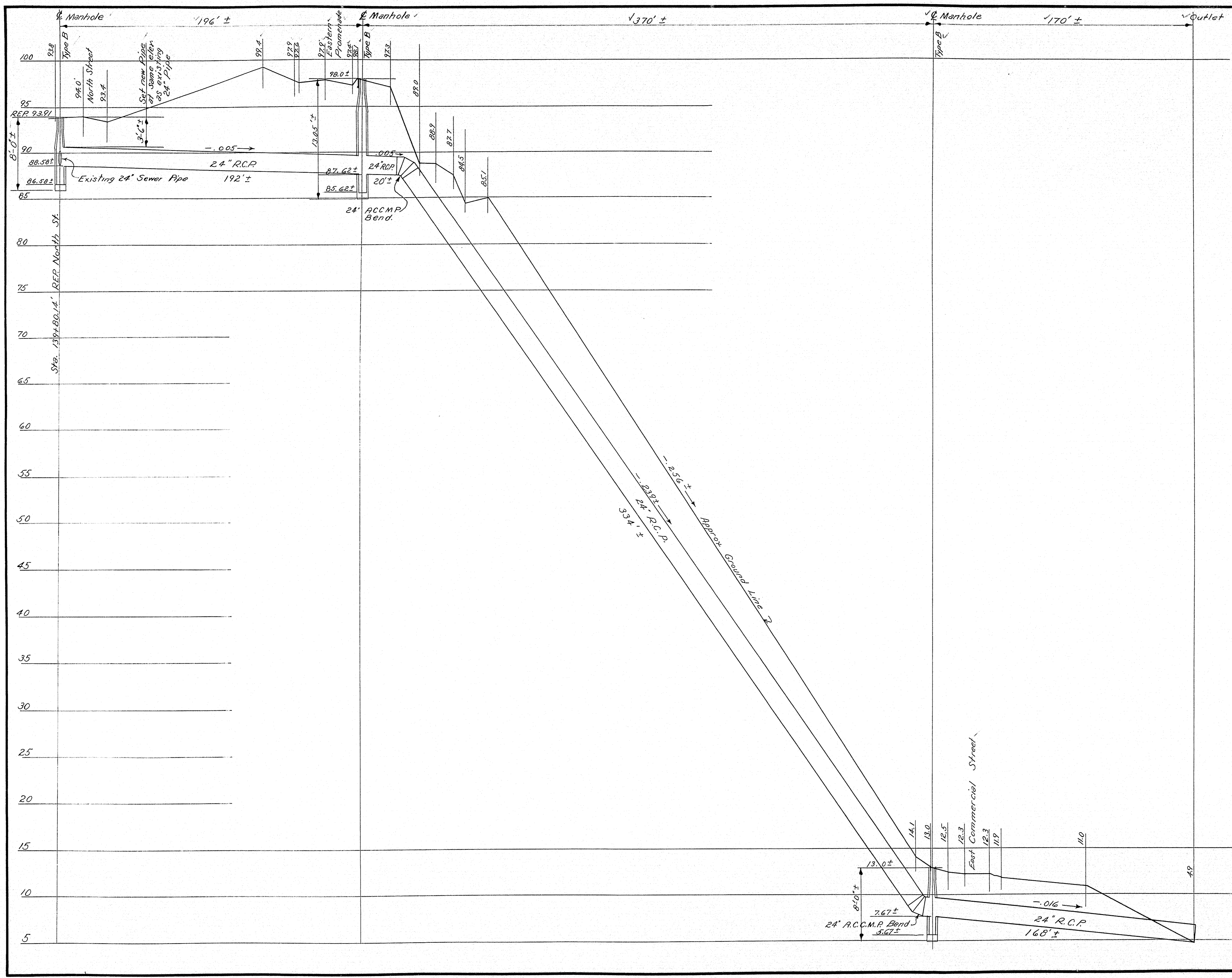
DESIGN - BARNES	BRIDGE NO. SURVEY PLOT -
TRACE - W.M.H.	
CHECK - J.B.E.	

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILES - 12" LINES INTERSTATE

SHEET 53 OF 166 AUGUSTA, MAINE OCT. 1957

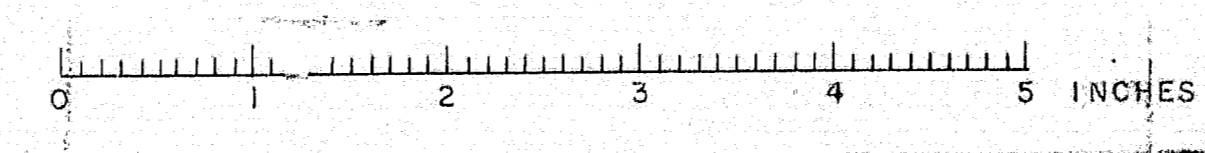
S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-888-144	59	166

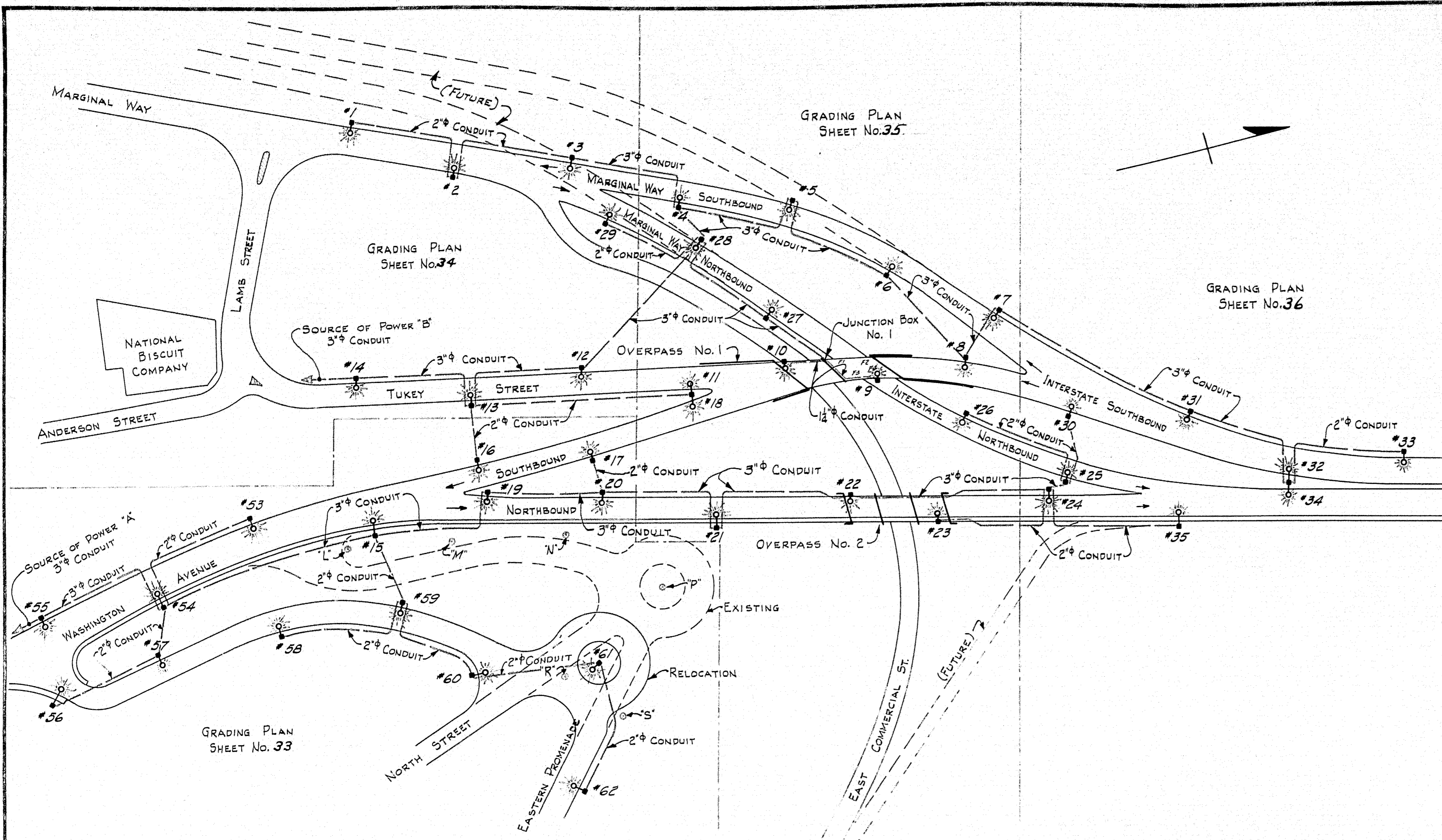
I-B95-3(4) 50



DESIGN - A.B.P.	BRIDGE NO.
TRACE - C.W.M.	SURVEY -
CHECK - H.C.E.	PLAT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
DRAINAGE PROFILE
NORTH ST. SANITARY SEWER EXTENSION
SHEET 59 OF 166 AUGUSTA, MAINE OCT. 1957





INDEX TO LIGHTING DETAILS

SHEET	DESCRIPTION
60	GENERAL LAYOUT AND TABULATION.
61	DETAILS OF POLES, BASES, HANGERS, BOLTS, AND WASHERS.
62	PEDESTRIAN OVERPASS LIGHTING, SCHEMATIC OF NAVIGATION LIGHTS, POLE BASES.
63	CONDUIT AND JUNCTION BOX NO. 2 IN PIER NO. 2 OF PEDESTRIAN OVERPASS.
64	STEEL DETAILS AND MOUNTING OF NAVIGATION LIGHTS AND LADDERS.
33/4/10	CONDUIT LAYOUT AND POLE BASES ON "GRADING PLANS".
96	POLE BASE NO. 10 AND CONDUIT IN SLAB OF SPAN NO. 1, OVERPASS NO. 1.
97	FLUORESCENT LIGHTS, POLE BASE NO. 9 AND CONDUIT - SPAN NO. 2, OVERPASS NO. 1.
93	CONDUIT AND JUNCTION BOX NO. 1 IN PIER OF OVERPASS NO. 1.
101	CONDUIT CLAMPING DETAIL AT STRINGERS OF OVERPASS NO. 1.
119	POLE BASE NO. 27 AND CONDUIT IN CONCRETE MEDIAN WALL.
107	POLE BASE NO. 23 AND CONDUIT IN SLAB OF OVERPASS NO. 2.
108	POLE BASE NO. 23 AND CONDUIT IN SLAB OF OVERPASS NO. 2.
67	CONDUIT IN ABUTMENT NO. 2 OF TUKEYS BRIDGE.
74	CONDUIT EXPANSION DETAILS AT ABUTMENT NO. 2 AND APPROACH SLAB, TUKEYS BRIDGE.
70	CONDUIT IN SLABS OF TUKEYS BRIDGE.
11-72	POLE BASES AND CONDUIT - TUKEYS BRIDGE SLABS.

SEE GRADING PLAN, SH. NO. 34

STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH
			TYPE	TOP ELEV.		
136+08	1	24' L.	CONCRETE	9.47	TRANSFORMER	15'
139+09	3	20' L.	"	12.22	"	12'
137+44	2	24' R.	"	9.41	"	15'
139+55	29	25' R.	"	10.69	"	15'
137+05	14	20' L.	"	19.81	"	10'
138+55	13	20' R.	"	26.77	"	10'
140+05	12	18' L.	"	34.98	"	10'

SEE GRADING PLAN, SH. NO. 36

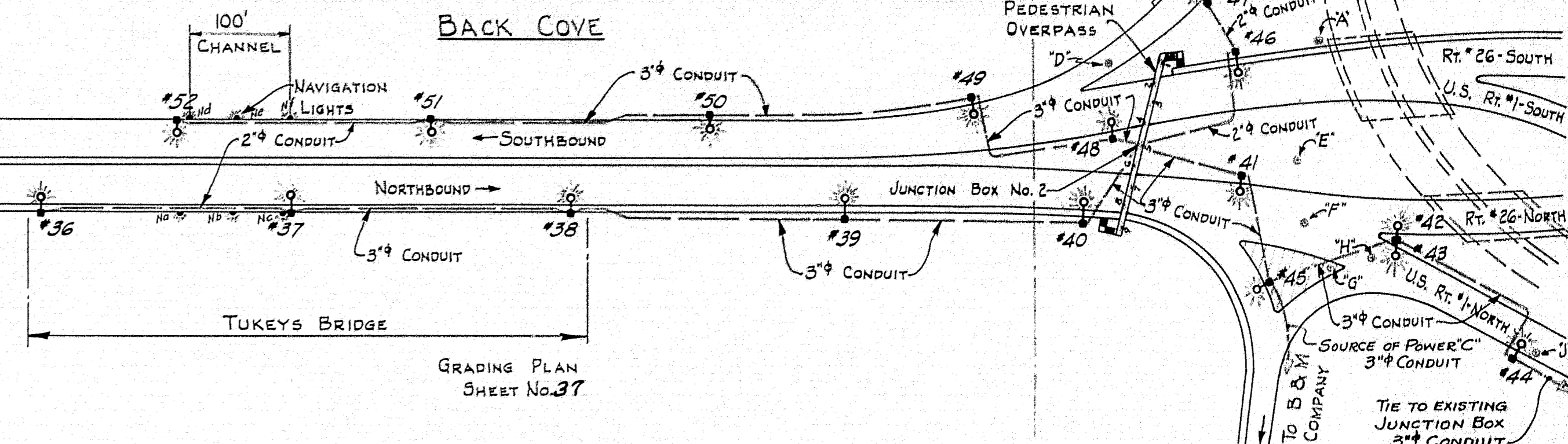
STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH
			TYPE	TOP ELEV.		
146+60	30	18' R.	CONCRETE	41.37	TRANSFORMER	12'
146+26	24	18' L.	"	34.64	"	10'
147+97	35	22' R.	"	38.60	"	12'
147+82	31	18' L.	"	40.33	"	10'
150+74	33	18' L.	"	44.86	"	10'
149+22	32 & 34	1/2 Med. L.	"	42.21	"	15' TWIN
146+57	25	40' R.	"	32.36	"	15'

SEE GRADING PLAN, SH. NO. 33

STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH
			TYPE	TOP ELEV.		
132+75	55	36' L.	CONCRETE	66.75	TRANSFORMER	12'
134+37	54	25.5' R.	"	64.65	"	15'
137+30	15	25.5' R.	"	58.27	"	15'
138+80	19	1/2 Is. L.	"	54.78	"	10'
140+30	20	20' L.	"	50.69	"	10'
133+40	56	19.5' R.	"	65.04	"	10'
134+78	57	20' L.	"	70.87	"	10'
136+37	58	5.5' R.	"	79.08	"	10'
137+90	59	34' L.	"	87.30	"	10'
139+13	60	25.5' R.	"	92.57	"	10'
141+58	61	1/2 Is. L.	"	97.17	"	10'
2+47(S)	62	24' L.	"	99.4	"	10'
135+41	53	18' L.	"	62.15	"	10'
138+42	16	18' L.	"	53.35	"	10'
139+94	17	20' R.	"	46.60	"	10'

SEE GRADING PLAN, SH. NO. 35

STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH
			TYPE	TOP ELEV.		
140+67	4	20' R.	CONCRETE	14.56	TRANSFORMER	12'
142+15	5	20' L.	"	22.11	"	12'
143+64	6	20' R.	"	30.46	"	12'
145+12	7	24' L.	"	36.85	"	15'
140+82	28	23' L.	"	12.11	"	15'
142+08.67	27	24.63' R.	CONC. MED. WALL	14.70	SHOE	15'
145+02	26	9.5' L.	CONCRETE	23.61	TRANSFORMER	15'
141+54	11 & 18	1/2 Is. R.	"	41.04	"	10' TWIN
142+67.03	10	16.63' L.	OVERPASS #1	SEE SLAB PLAN	SHOE	10'
143+88.72	9	16.63' R.	"	"	"	10'
145+11	8	18' L.	CONCRETE	41.04	TRANSFORMER	10'
141+83	21	25.5' R.	"	45.66	"	15'
143+57.71	22	16.63' L.	OVERPASS #2	SEE SLAB PLAN	SHOE	10'
145+05.09	23	18.63' R.	"	"	"	12'



PLAN
 SCALE: 1" = 100'

SEE GRADING PLAN, SH. NO. 38

STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH	EXISTING LOCATION
			TYPE	TOP ELEV.			
162+96	47	20' R.	CONCRETE	21.37	TRANSFORMER	8'	"K"
161+71	48	32' R.	"	20.77	"	8'	"H"
162+94	46	22' L.	"	21.15	"	8'	"G"
161+62	40	22' R.	"	20.65	"	10'	"I"
162+96	41	20' L.	"	20.65	"	8'	"E"
164+37	42 & 43	1/2 Is. R.	"	22.52	"	8' TWIN	"D"
165+78	44	27' R.	"	25.34	"	8'	"J"
163+40	45	20' L.	"	18.31	"	8'	"F"

* BASE, POLE AND ARM TO BE RELOCATED FROM EXISTING LETTERED LOCATION POLES LETTERED 'A', 'B' & 'C' TO REMAIN.

SEE GRADING PLAN, SH. NO. 37

STATION	LIGHT NO.	OFFSET	FOOTING		POLE BASE TYPE	ARM LENGTH
			TYPE	TOP ELEV.		
153+33.09	32	16.63' L.	TUKEYS BR.	SEE SLAB PLAN	SHOE	10'
155+66.92	51	16.63' L.	"	"	"	10'
158+13	50	18' L.	CONCRETE	30.30	TRANSFORMER	10'
160+56	49	18' L.	"	22.21	"	10'
152+11.08	36	20.63' R.	TUKEYS BR.	SEE SLAB PLAN	SHOE	12'
154+34.75	37	20.63' R.	"	"	"	12'
156+88.92	38	20.63' R.	"	"	"	12'
159+35	39	22' R.	CONCRETE	27.22	TRANSFORMER	10'

NOTE: REMOVE EXISTING CONCRETE LIGHT STANDARD BASES LETTERED L, M, N, P, R, S. LUMINAIRES & LIGHT STANDARDS WILL BE REMOVED BY THE CENTRAL MAINE POWER COMPANY.

DESIGN - MURRELL
 TRACE - CLARK
 CHECK - [Signature]

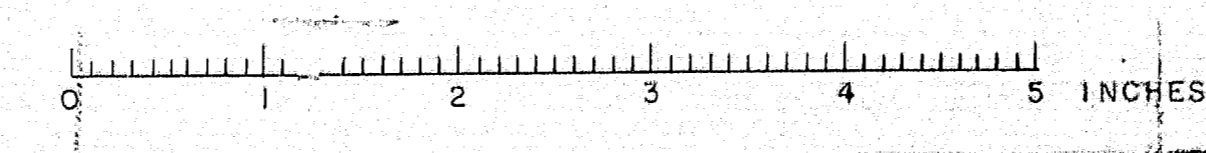
BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

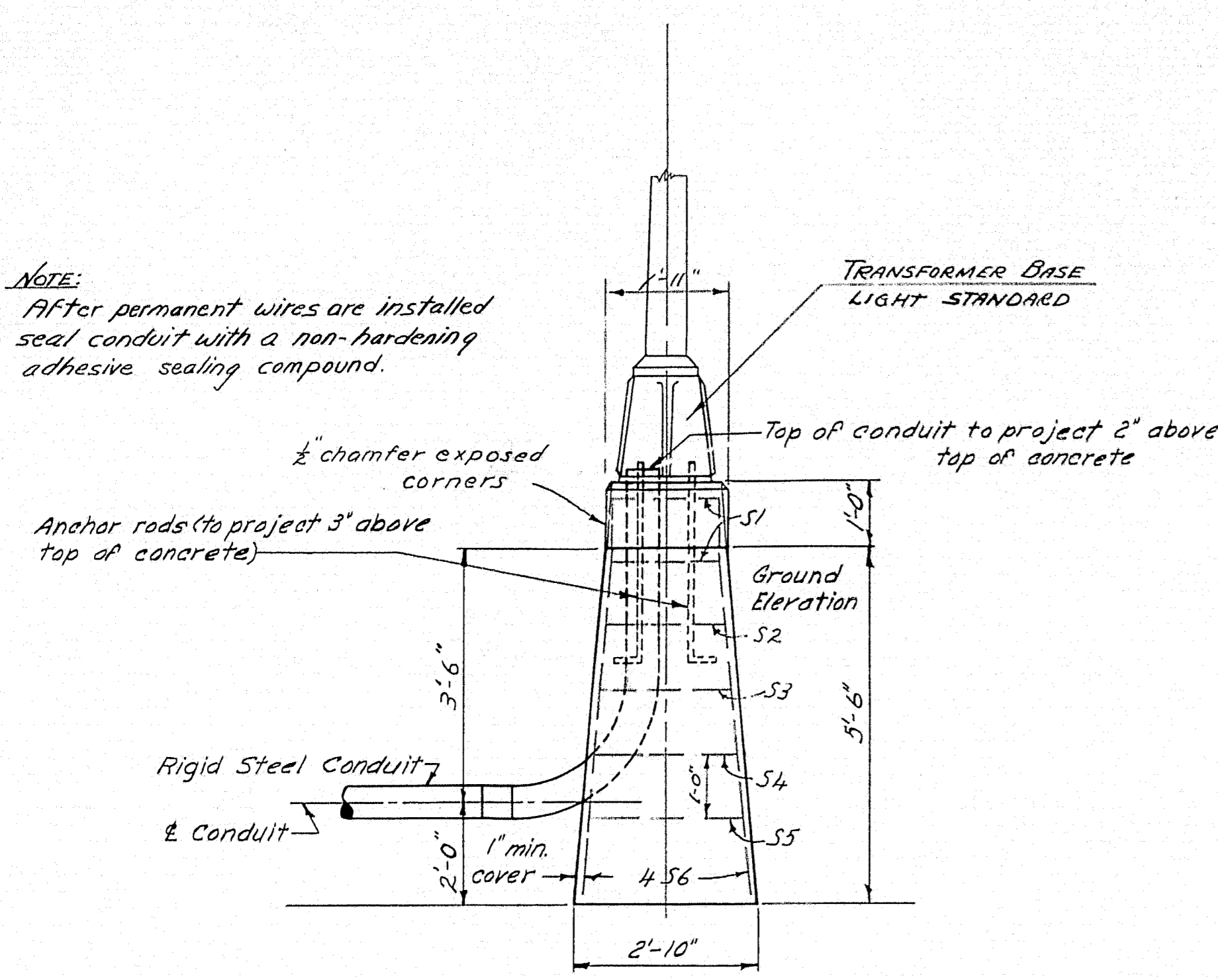
TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY

LIGHTING DETAILS
 GENERAL LAYOUT

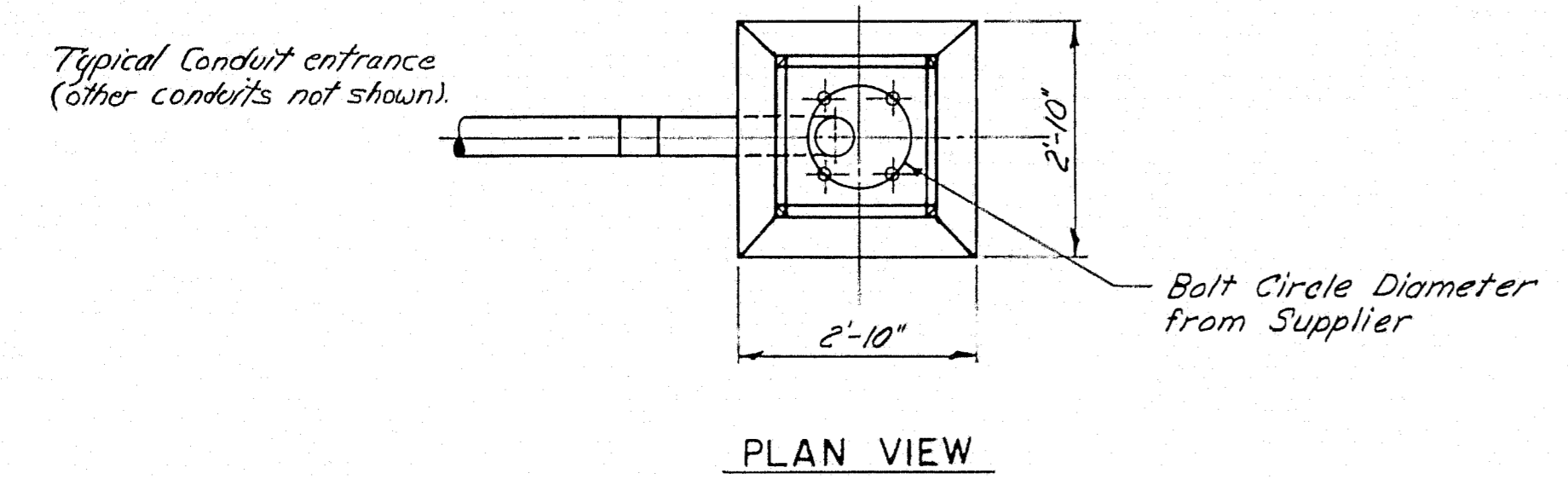
SHEET 60 OF 166 AUGUSTA, MAINE OCT. 1957



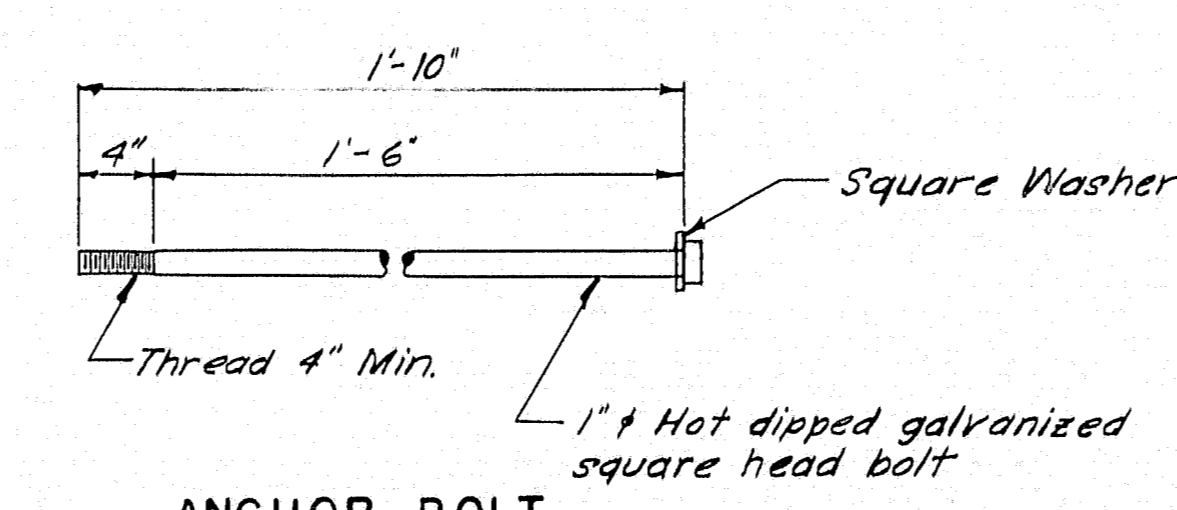
NOTE:
After permanent wires are installed seal conduit with a non-hardening adhesive sealing compound.



CONCRETE LIGHT BASE
49 REQUIRED

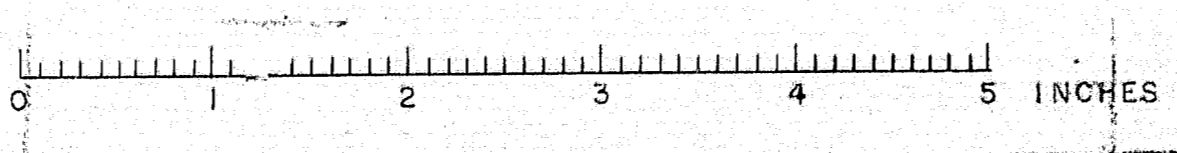


Typical for Light Standards 9, 10, 22, 23, 27, 36, 37, 38, 51, 52 only. All others with transformer base without hand-hole. 4" x 6" Hand-hole
Shoe Base



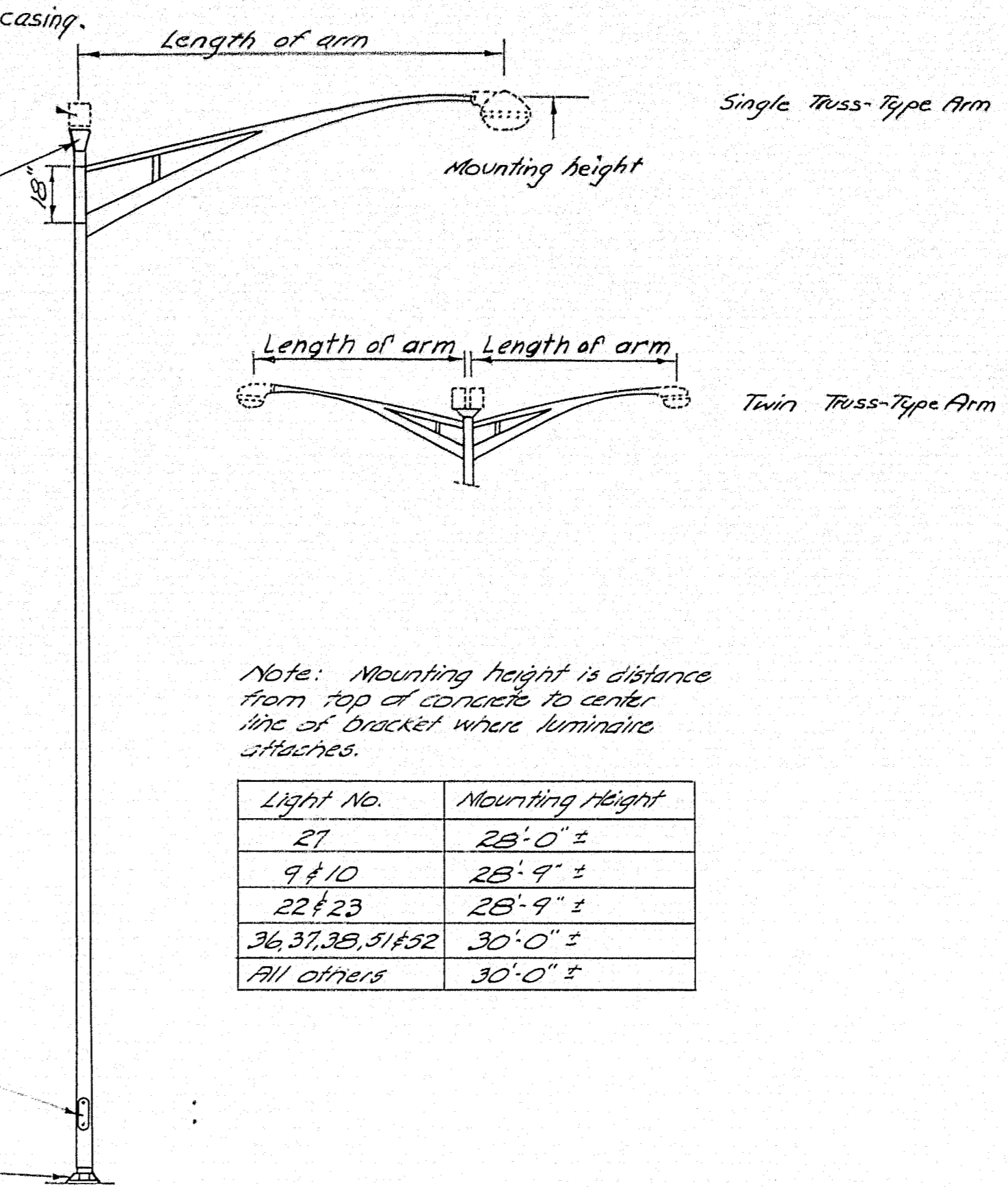
ANCHOR BOLT
40 REQUIRED

NOTE:
Furnish anchor bolt with hex nut, lockwasher, and square washer. All anchorage hardware to be double hot dipped galvanized. Anchor bolts are for light standard anchorage on rail parapet or sidewalk. Payment for delivery and erection of above bolts shall be made under Items 702-103B and 702-104B



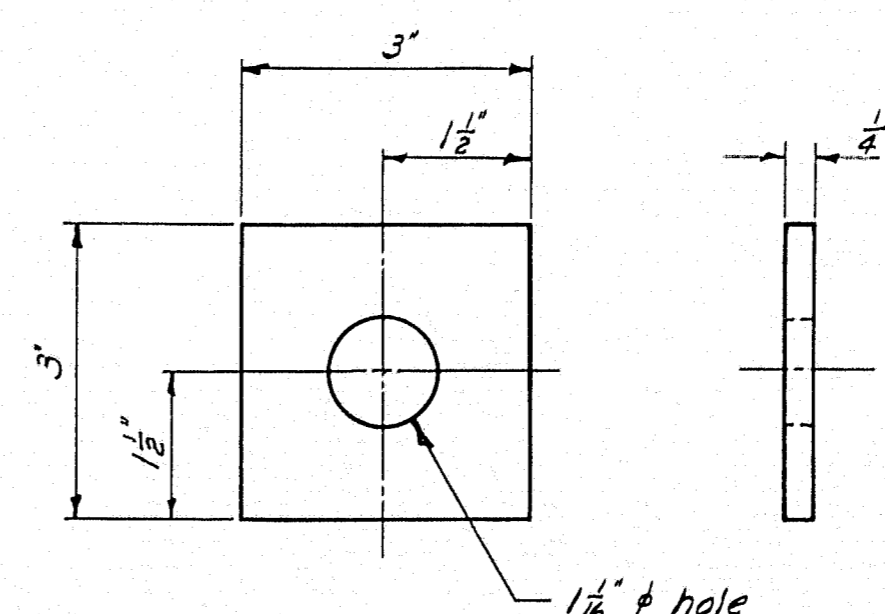
Multiple Ballast - Pole base type without saddle handle. Aluminum casing. Supplied by power company.

Aluminum single pole-top adapter supplied by contractor.

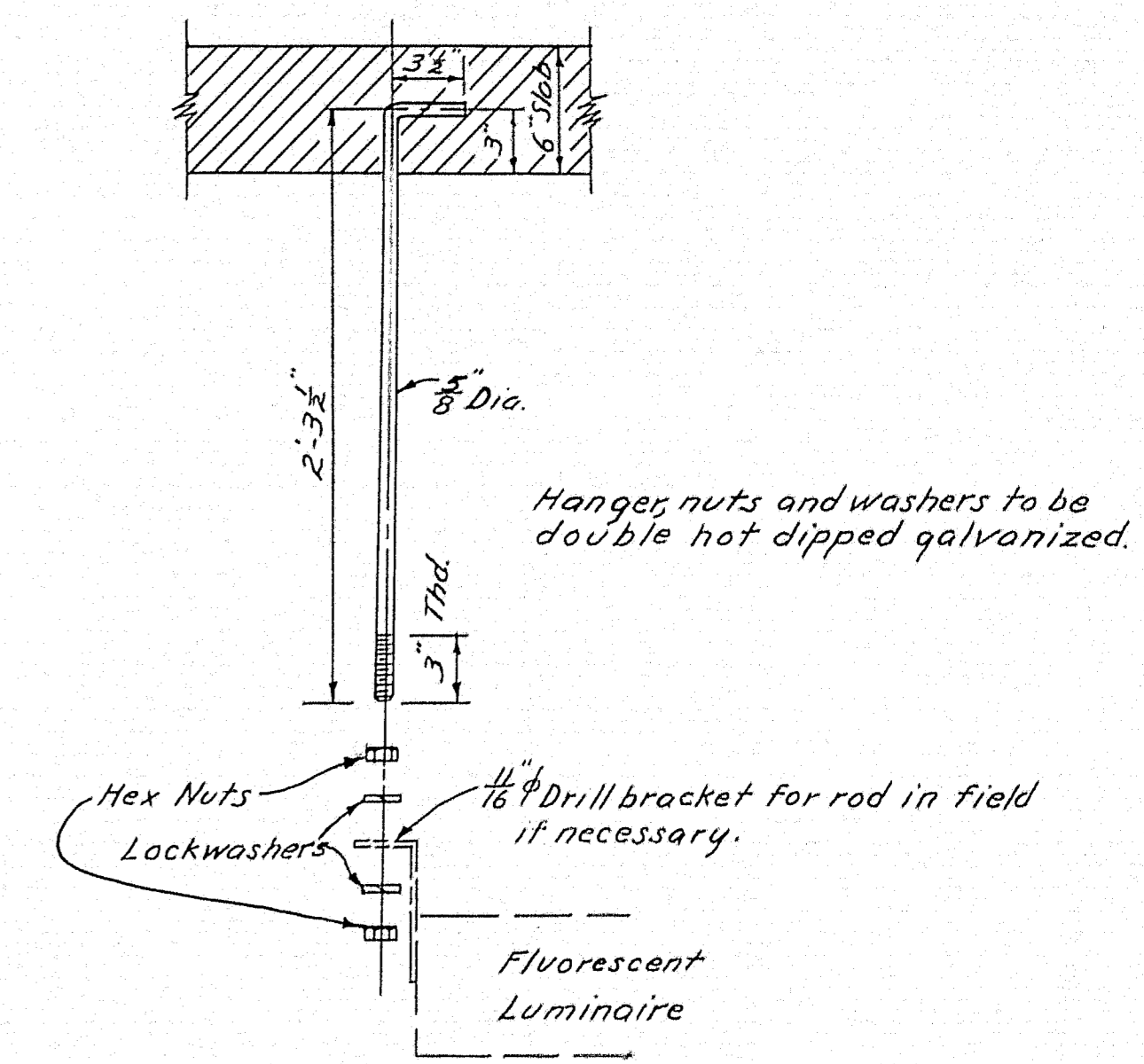


NOTE: Mounting height is distance from top of concrete to center line of bracket where luminaire attaches.

Light No.	Mounting Height
27	28'-0" ±
9 & 10	28'-9" ±
22 & 23	28'-9" ±
36, 37, 38, 51 & 52	30'-0" ±
All others	30'-0" ±



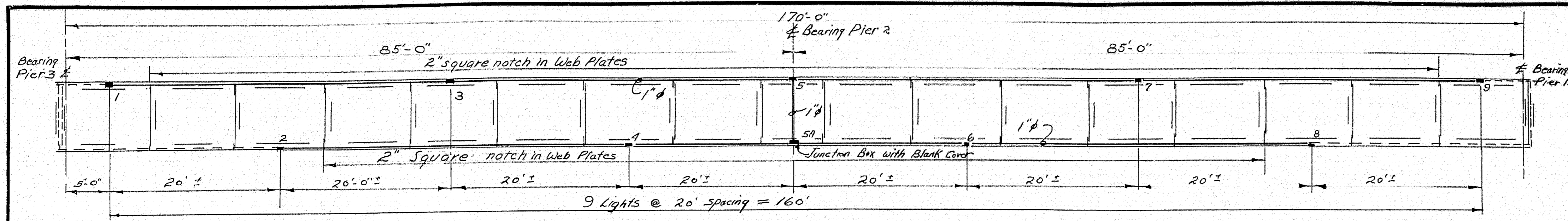
SQUARE WASHER
40 REQUIRED



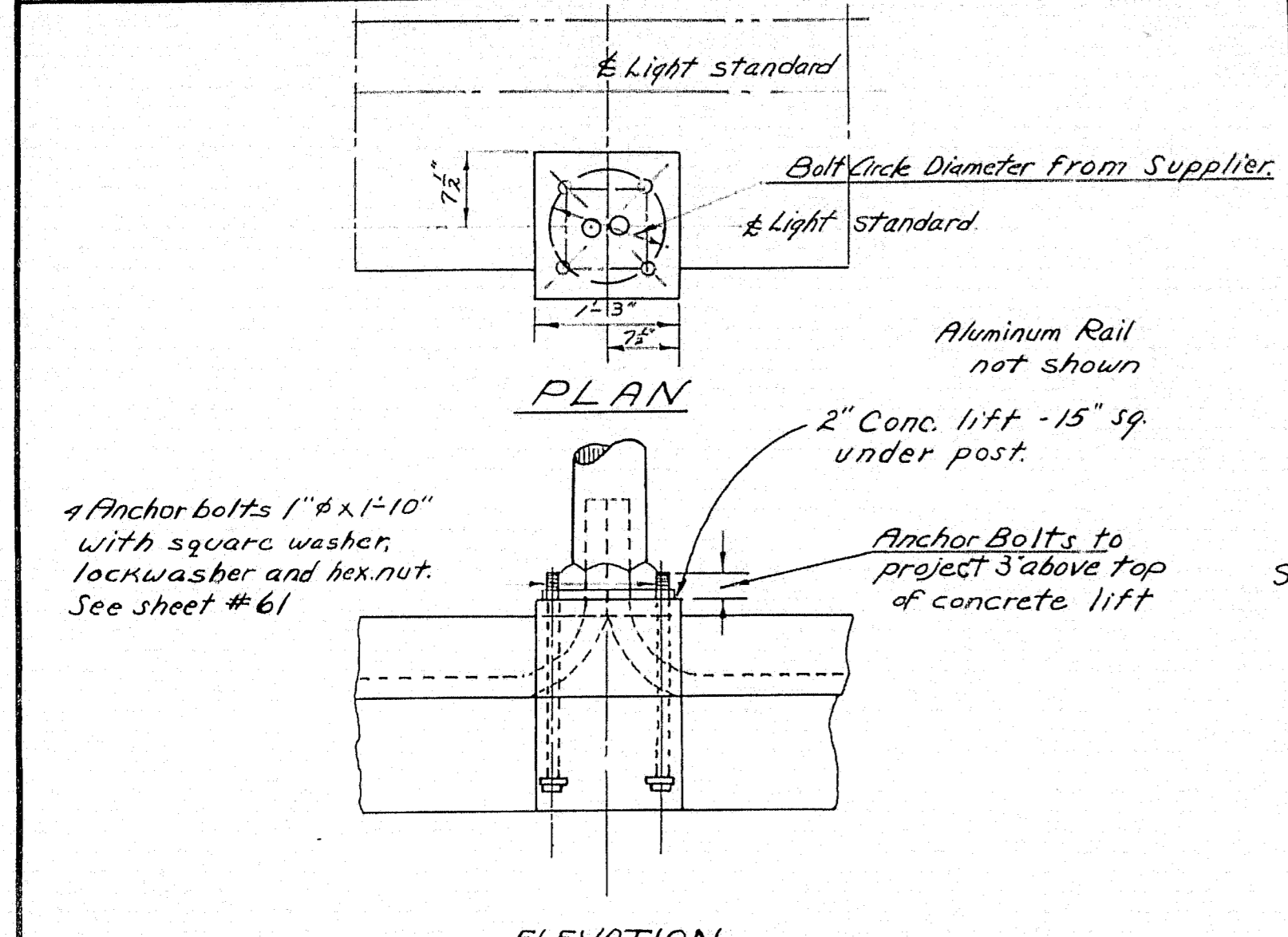
FLUORESCENT HANGER
8 REQUIRED

for Overpass #1 - Span #2
Payment for delivery and erection of fluorescent hangers shall be made under Items 702-103C and 702-104C

DESIGN - MURRELL, TRACE - GARDNER, CHECK - Harris	BRIDGE NO. SURVEY PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
LIGHTING DETAILS POLES & BASES	
SHEET 61 OF 166 AUGUSTA, MAINE OCT. 1957	



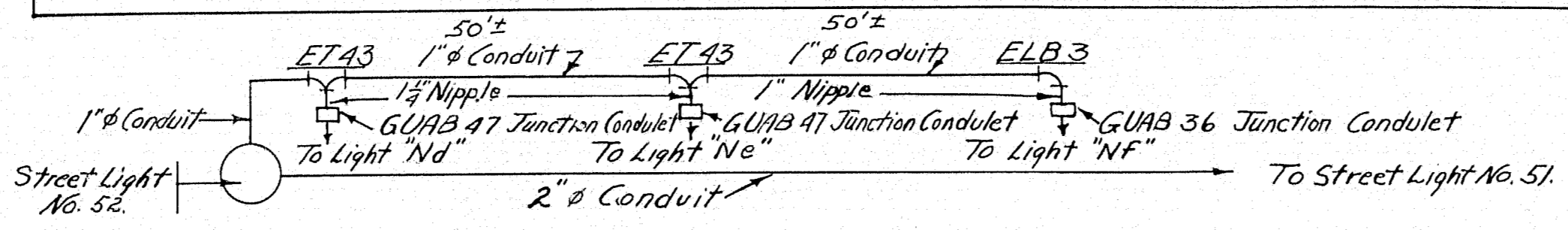
WALKWAY LIGHT LOCATION
PEDESTRIAN OVERPASS



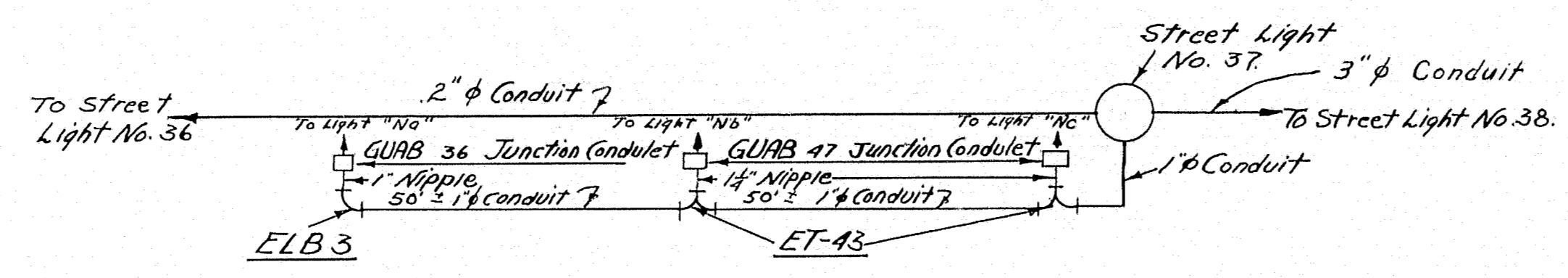
Anchor Bolt & Conduit Detail
TUKEYS BRIDGE

Note:- Bolt circle dimensions should be checked with template supplied by light standard supplier.

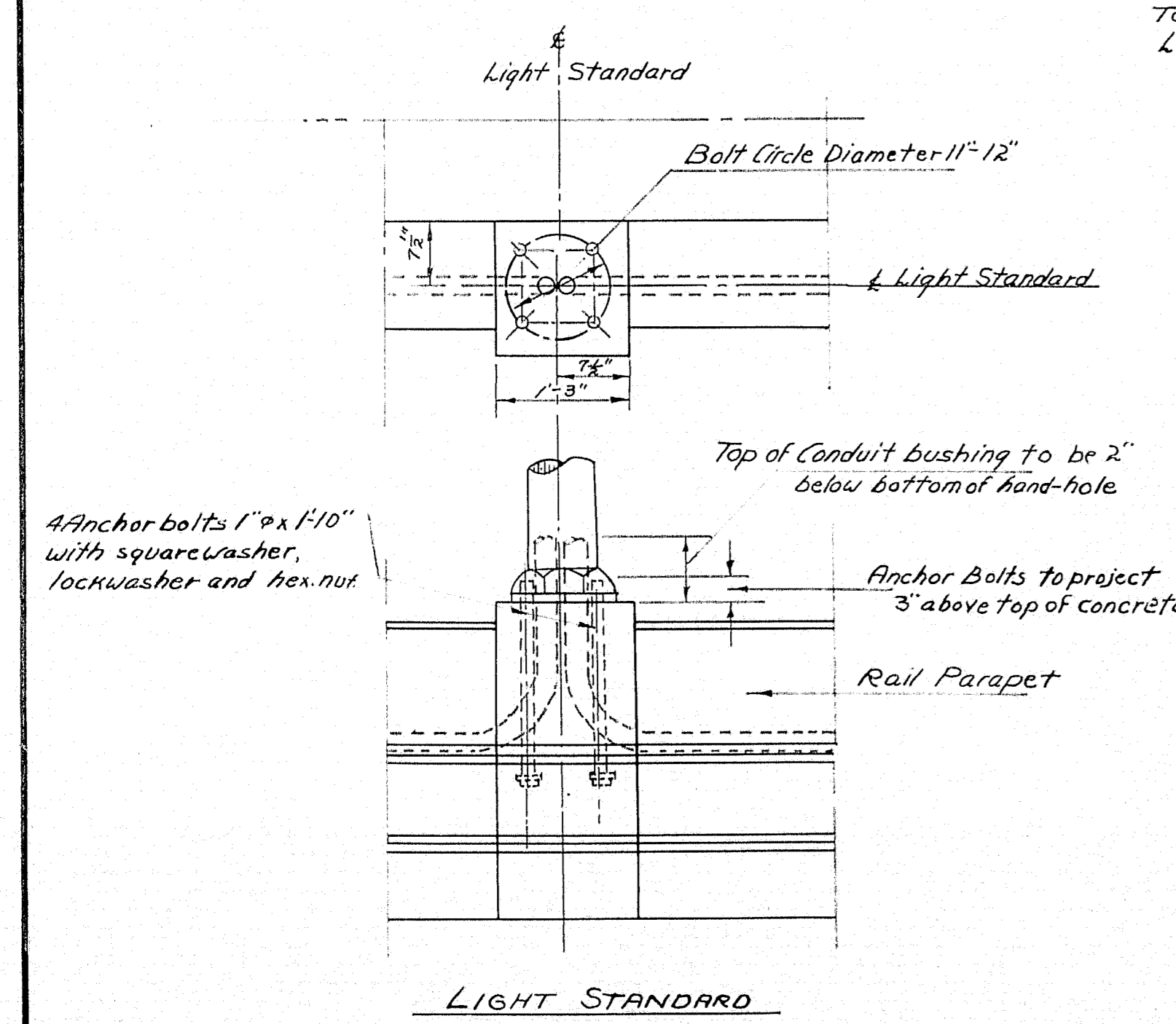
NOTE:- All conduit 1" Galvanized Rigid. Clamp conduit every 4'-0" maximum using 1-Hole Galvanized Malleable Iron Pipe Strap with galvanized Hex. Head bolt, lockwasher and nut.



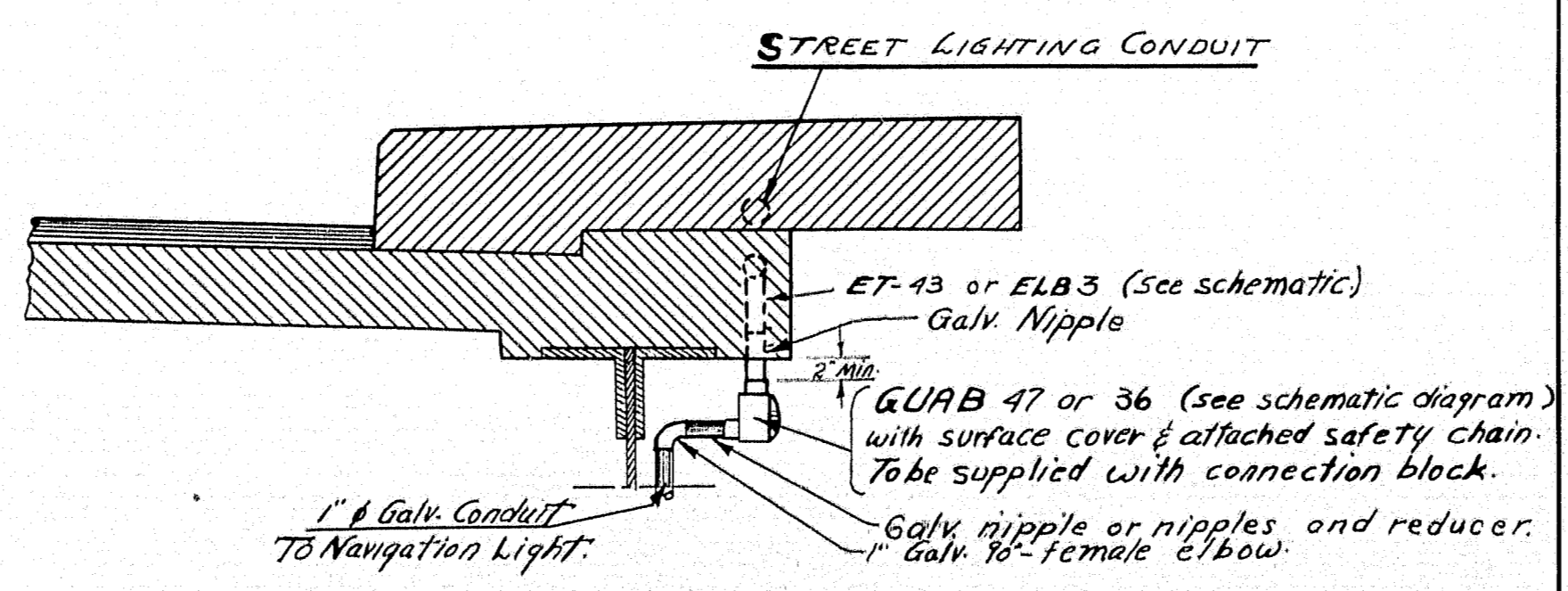
CONDUIT SCHEMATIC FOR NAVIGATION LIGHTS
SOUTH BOUND SIDE



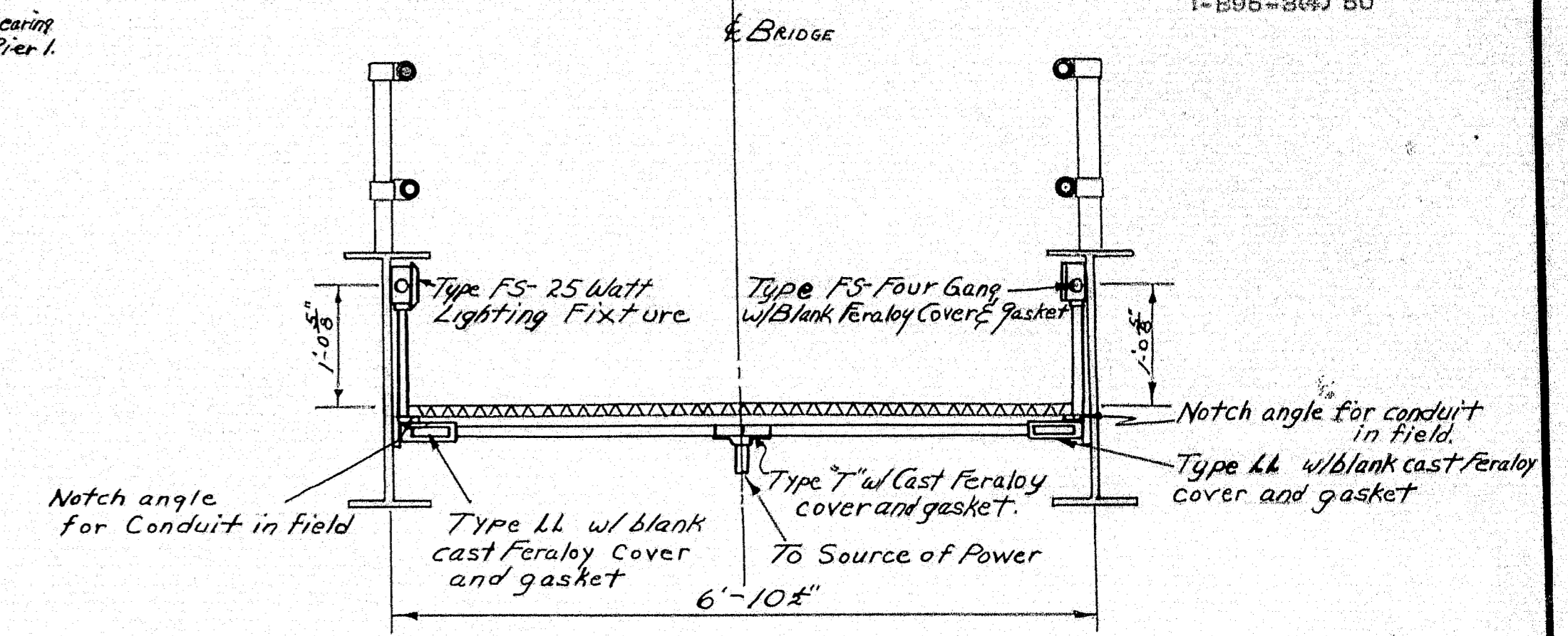
CONDUIT SCHEMATIC FOR NAVIGATION LIGHTS
NORTHBOUND SIDE



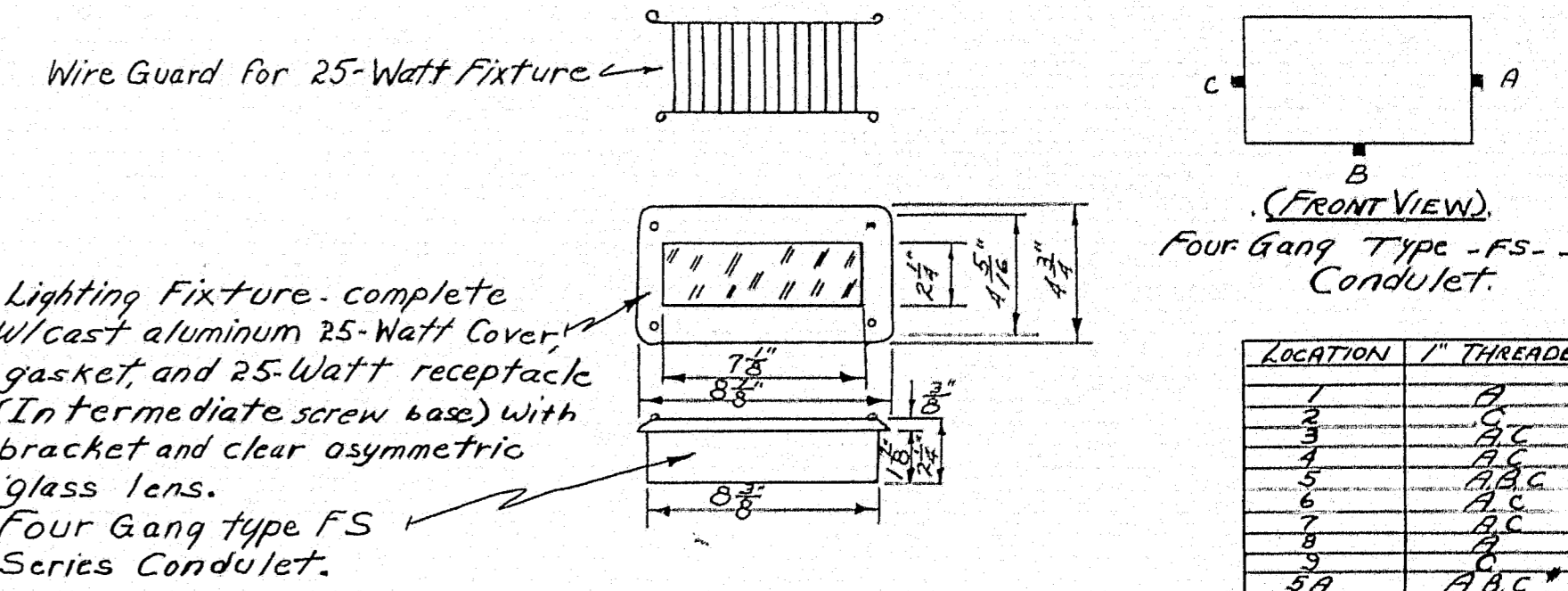
LIGHT STANDARD
ANCHOR BOLT & CONDUIT DETAIL
OVERPASS "1" and "2"



TYPICAL CONDUIT DETAIL AT NAVIGATION LIGHTS
(Sidewalk-Side Shown).



PEDESTRIAN OVERPASS LIGHT DETAIL
SECTION AT PIER 2.

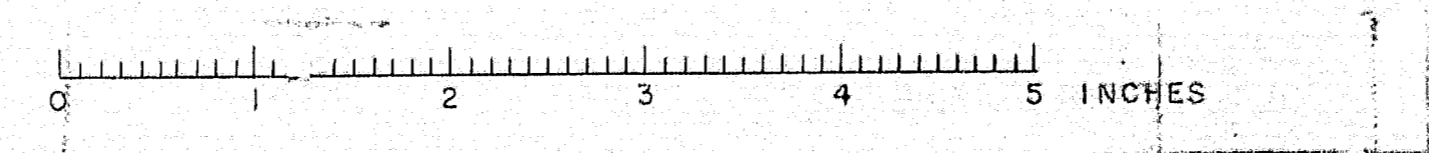


Lighting Fixture, complete w/cast aluminum 25-Watt Cover, gasket, and 25-Watt receptacle (Intermediate screw base) with bracket and clear asymmetric glass lens. Four Gang type FS Series Conduit.

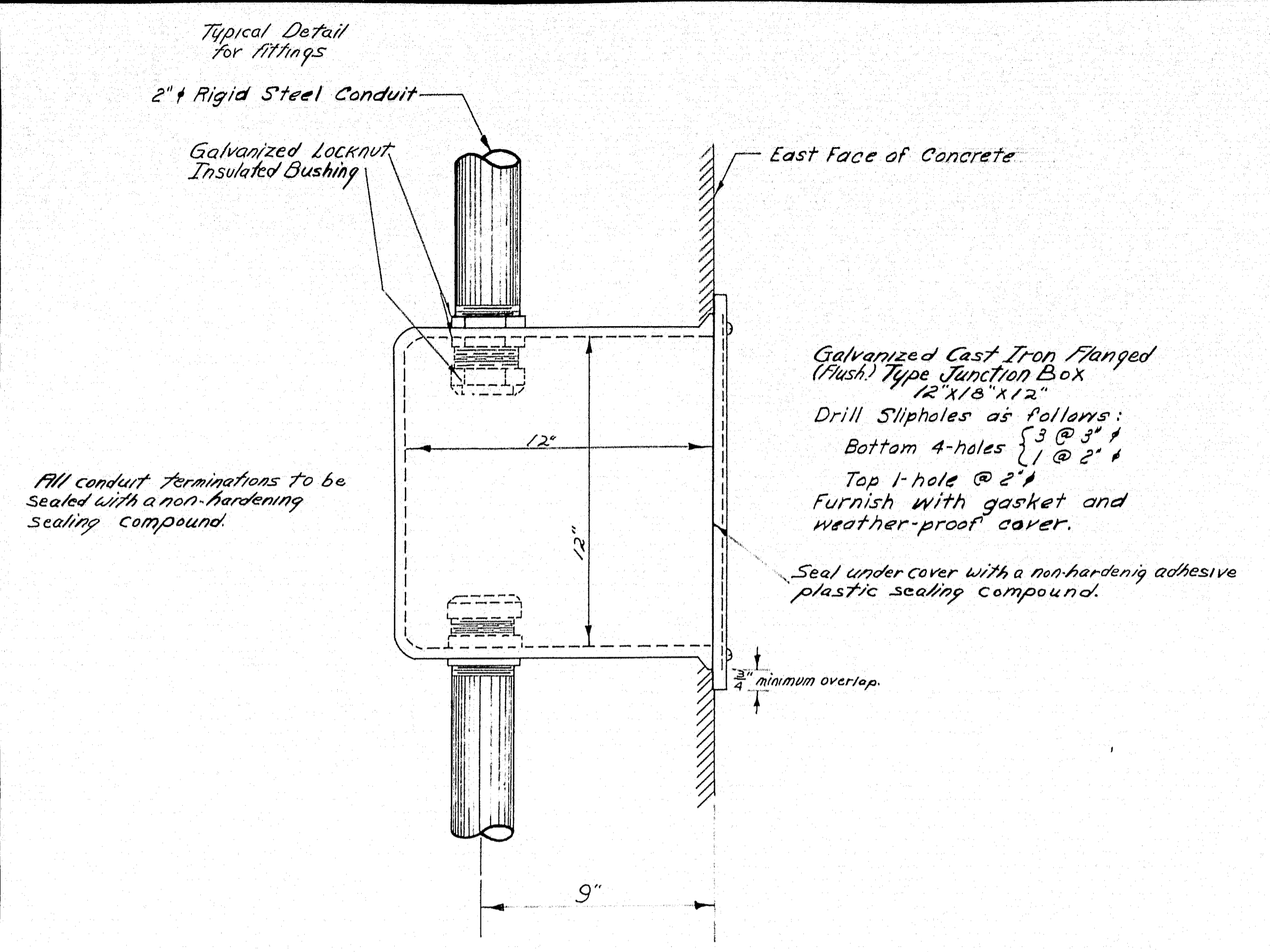
LOCATION	1" THREADED HUB
1	B
2	B,C
3	B,C
4	B,C
5	B,C
6	B,C
7	B,C
8	B
9	A,B,C

* Junction Box, supplied with Blank cast Feraloy cover and gasket.

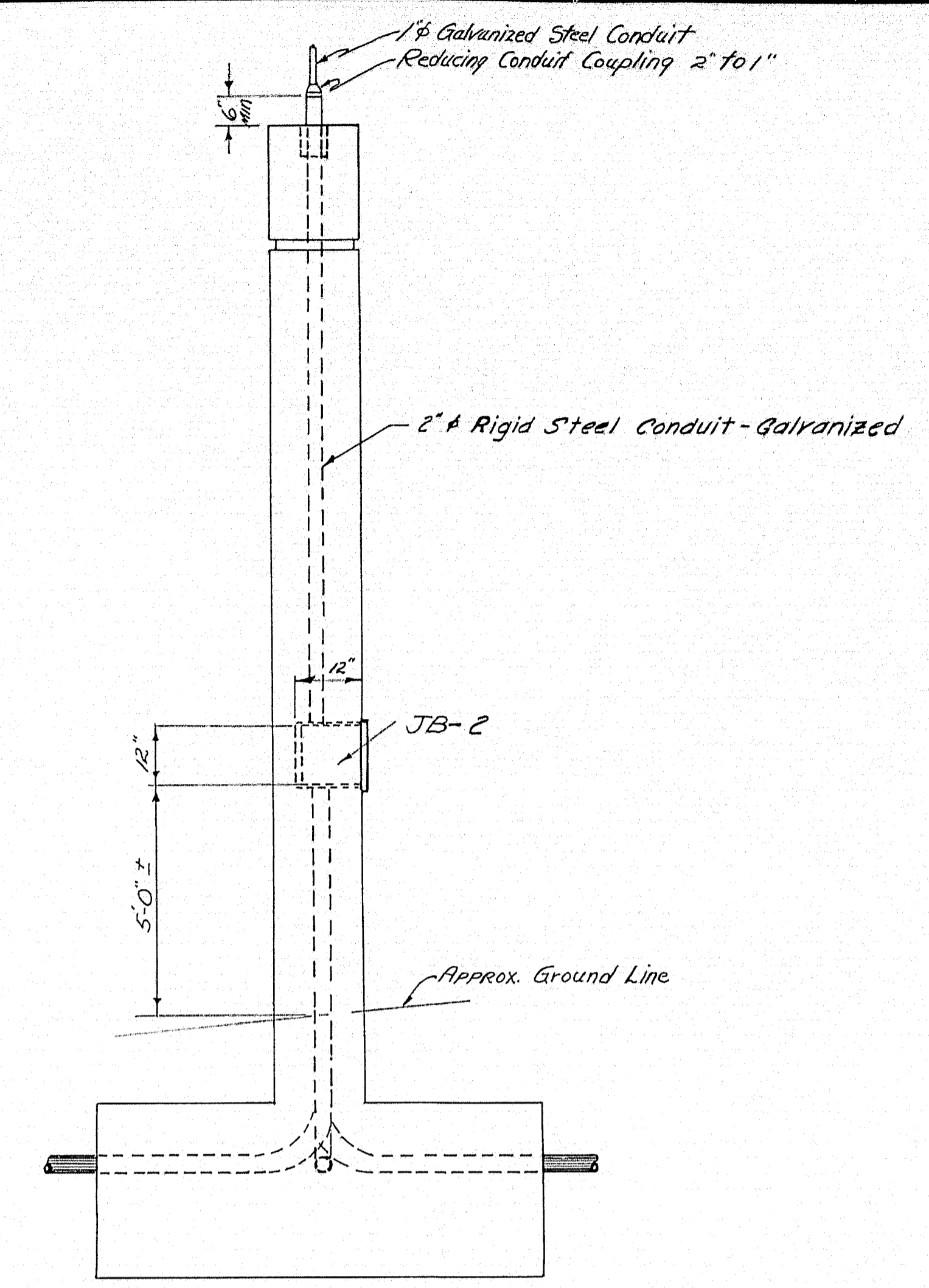
DESIGN - MURRELL, GARDNER, TRACE - HARRIS CHECK - HARRIS	BRIDGE NO. SURVEY PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
LIGHTING DETAILS	
PED. OVERPASS - NAV. LTS. - POLE BASES	
SHEET 62 OF 166 AUGUSTA, MAINE OCT. 1957	



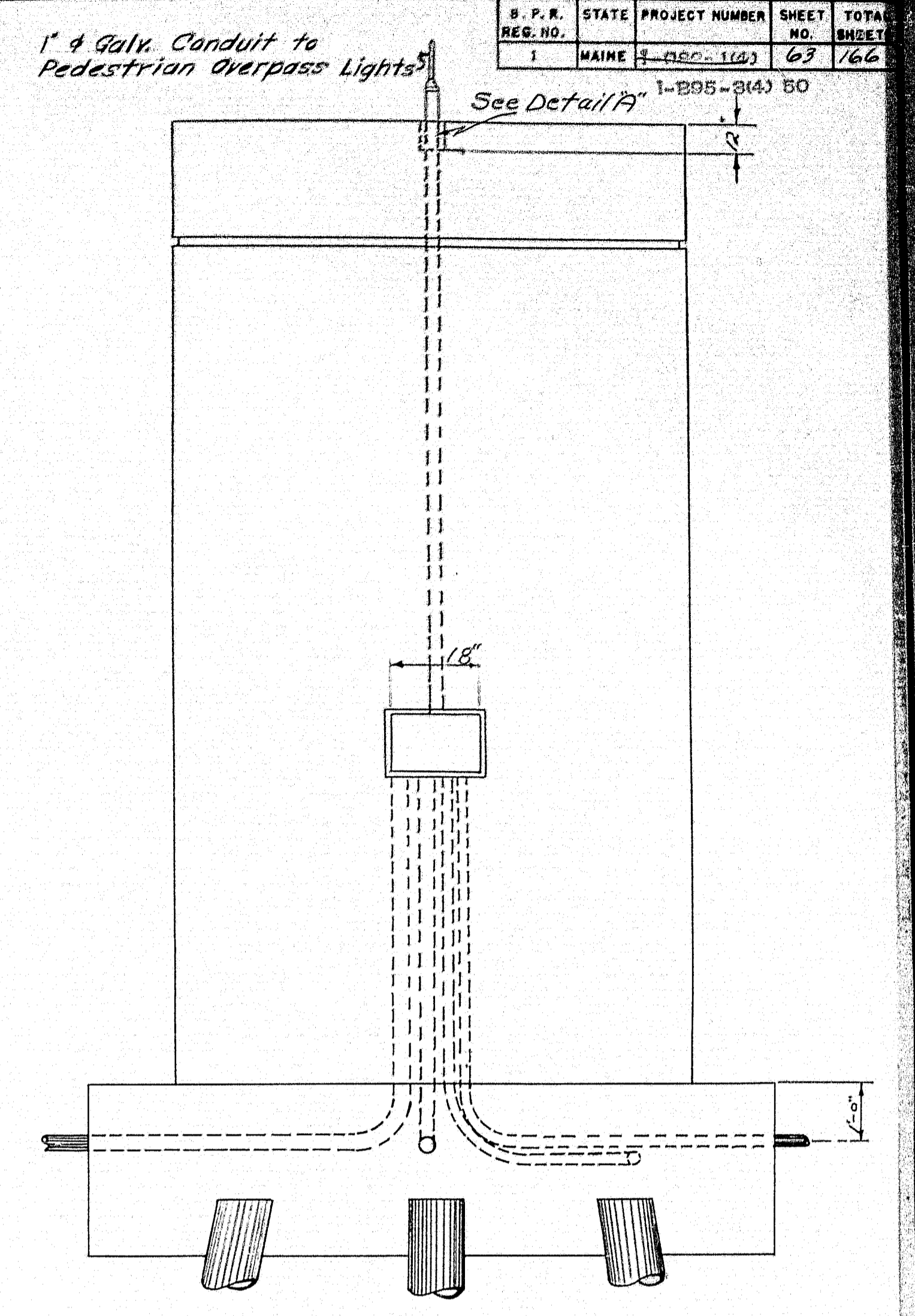
S. P. R.	STATE	PROJECT NUMBER	SHEET	TOTAL
REG. NO.	MAINE	1-895-3(4) 50	63	166



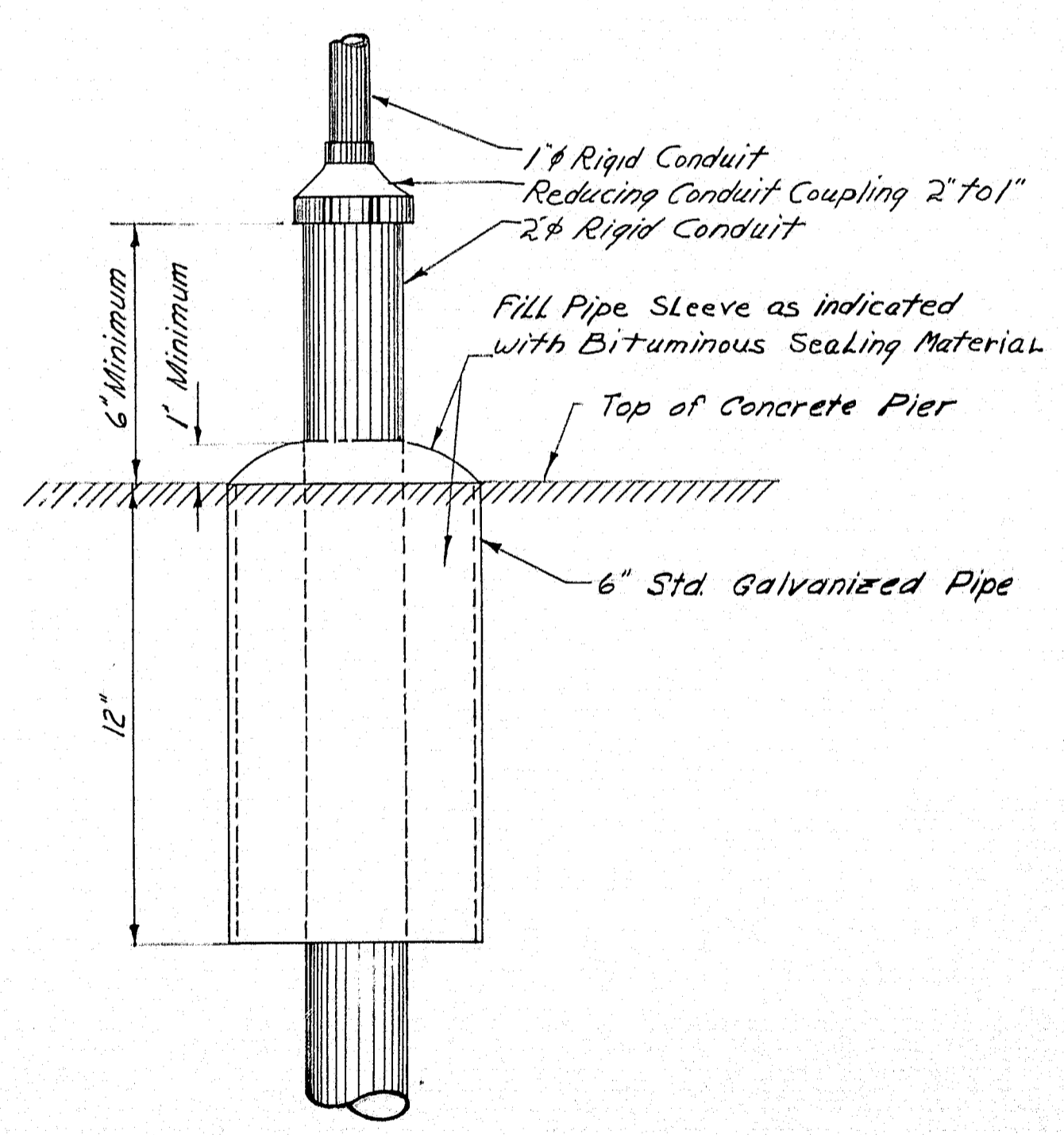
JUNCTION BOX
 JB-2
 1 Required



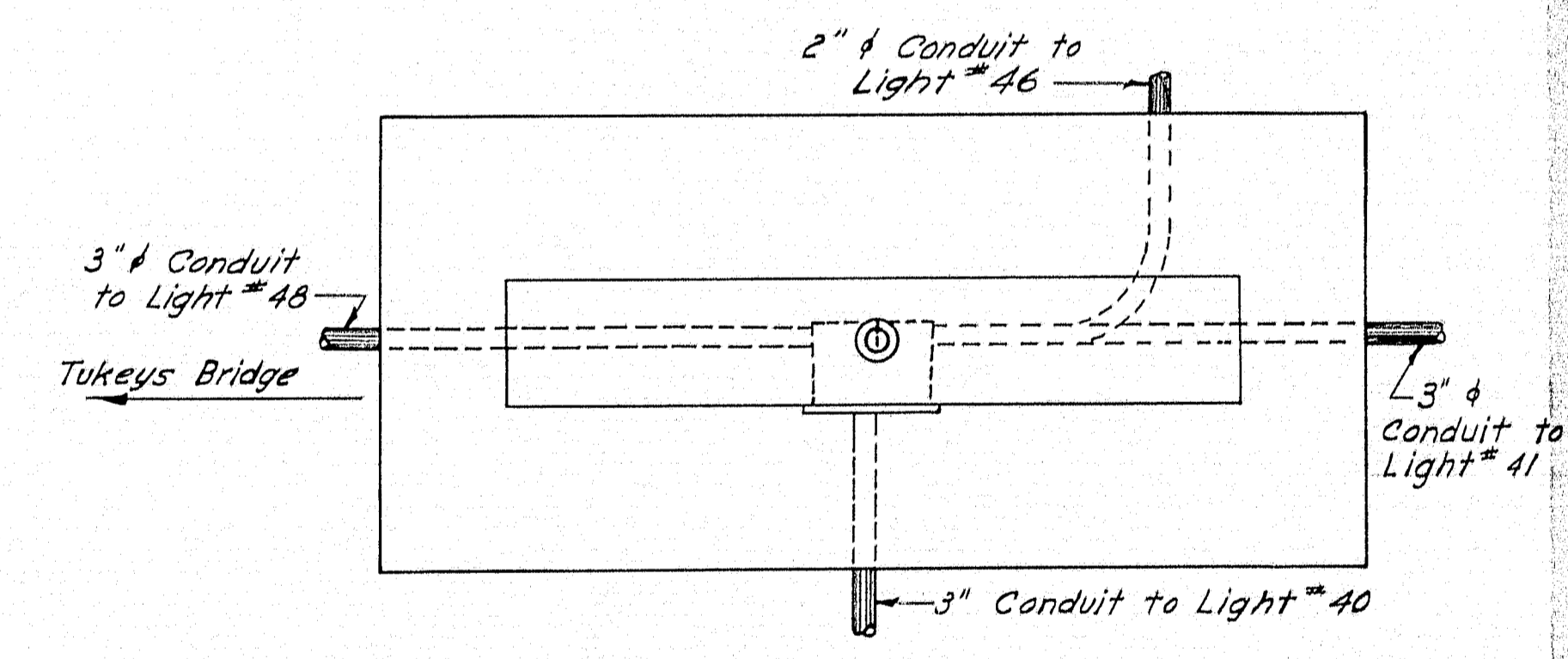
END VIEW
 PIER 2



FRONT ELEVATION
 PIER 2.

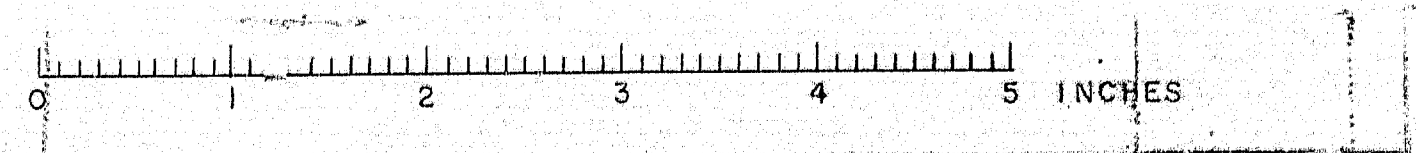


DETAIL "A"



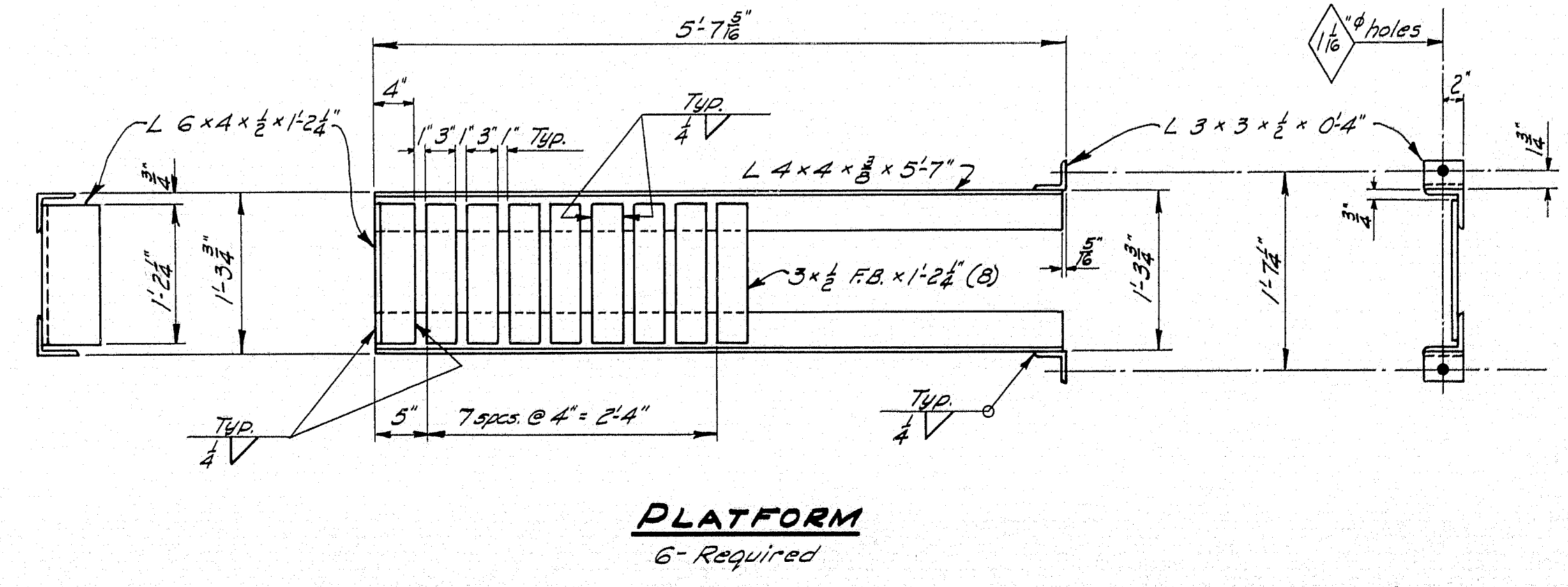
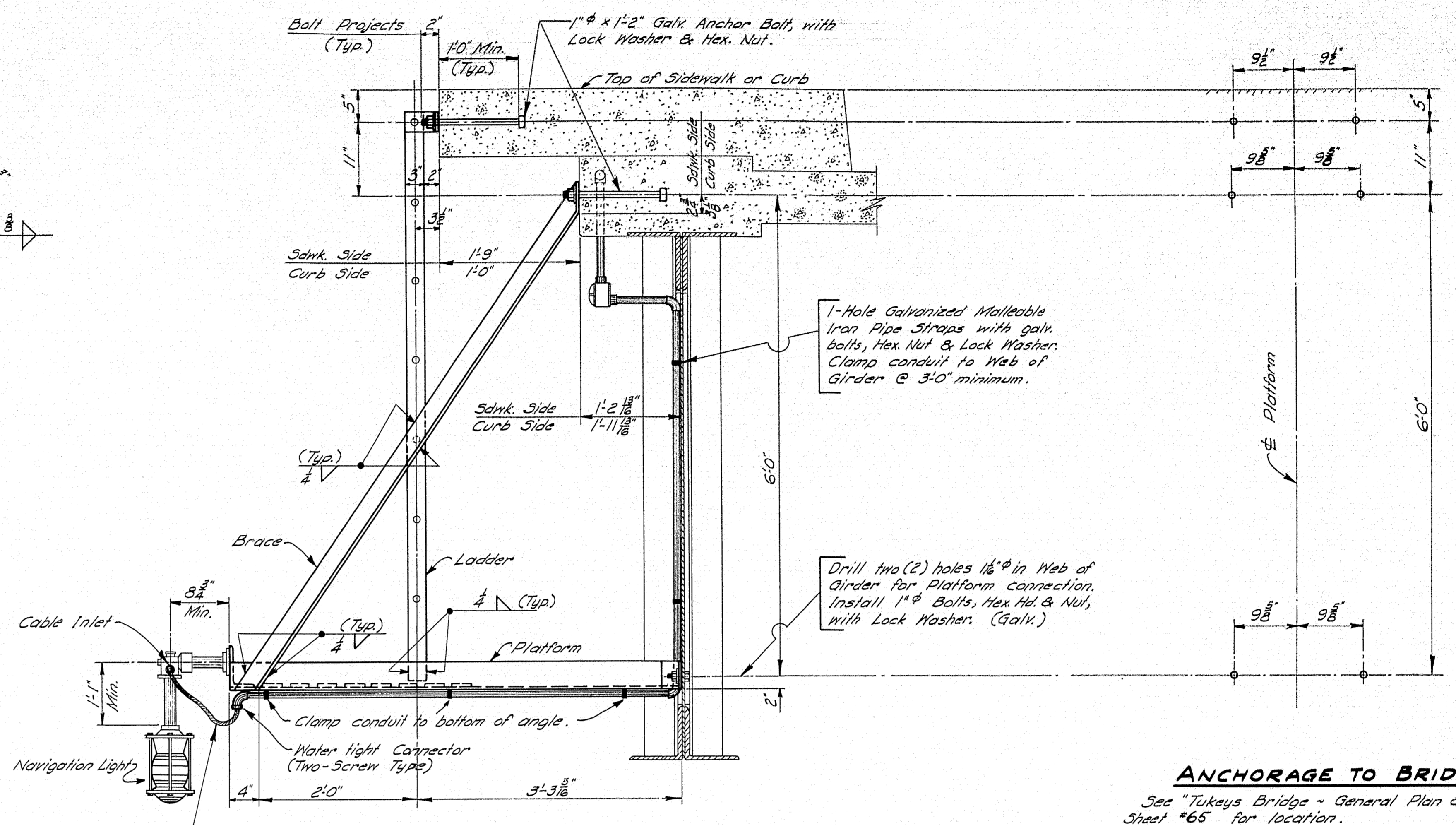
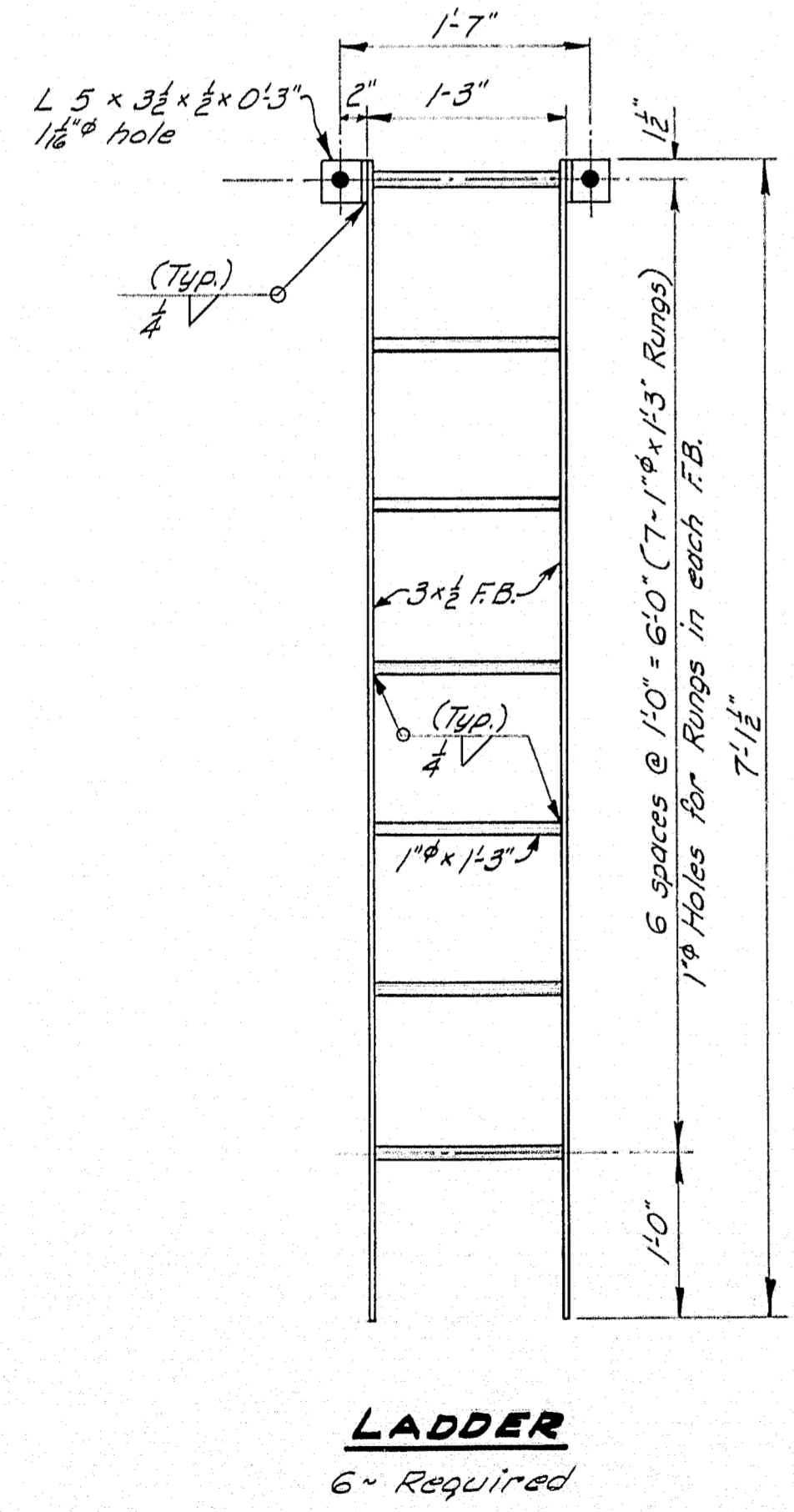
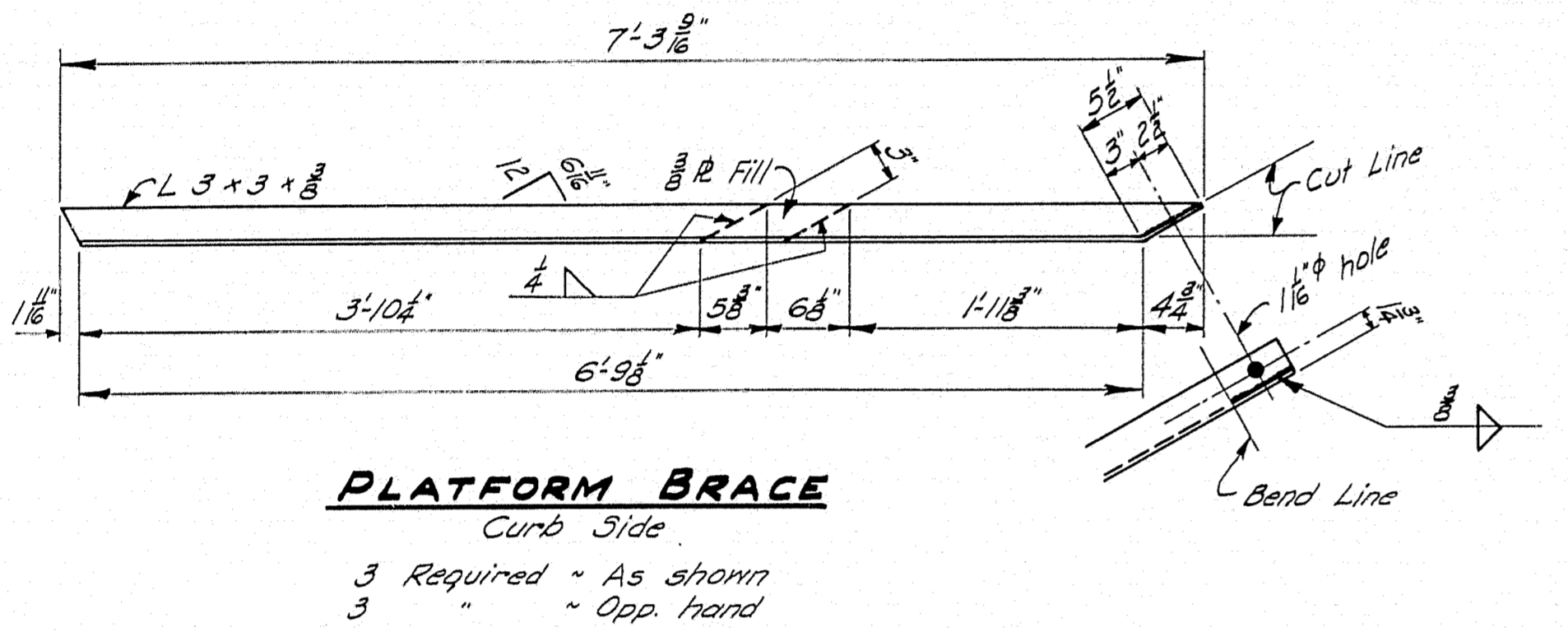
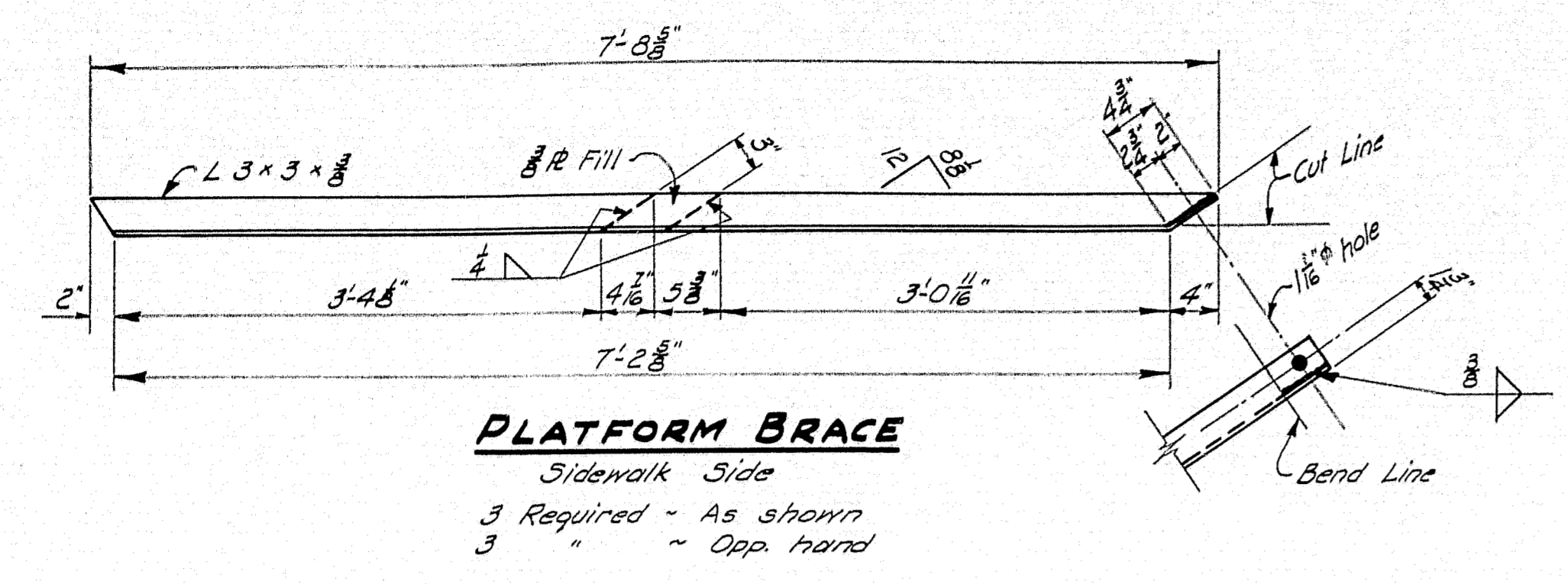
PLAN VIEW
 PIER 2

DESIGN - MURRELL	BRIDGE NO.
TRACE - GARDNER	SURVEY
CHECK - HARRIS	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
LIGHTING DETAILS	
PEDESTRIAN OVERPASS PIER 2.	
SHEET 63 OF 166	AUGUSTA, MAINE OCT. 1957



D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-082-1(6)	64	166

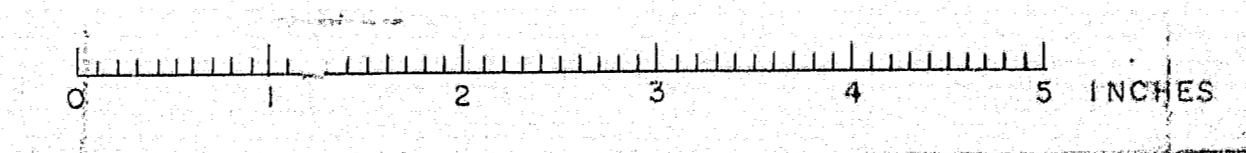
1-B85-3(4) 50

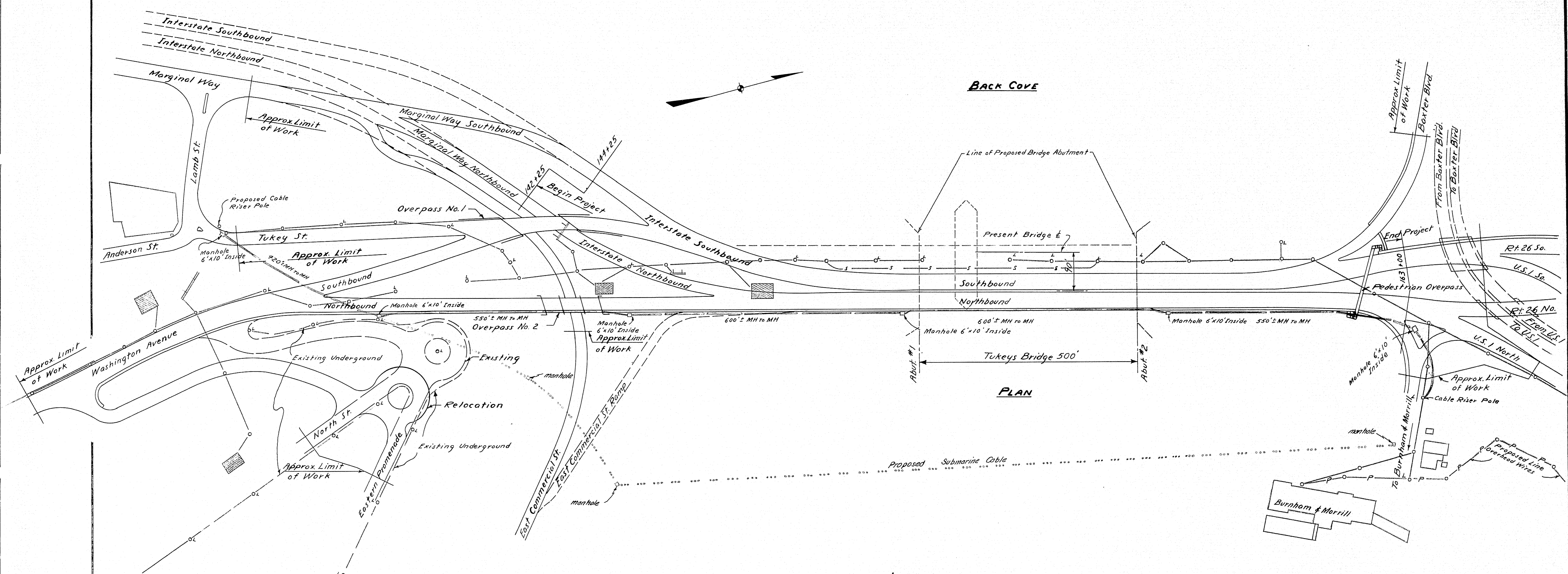


Payment for fabrication and mounting of Navigation Light Ladders shall be made under Items 702-103B * 104B, Structural Steel, Delivered and Erection, (Tukeys Bridge)
Payment for drilling holes for pipe straps shall be included under "Electrical System".

ANCHORAGE TO BRIDGE
See "Tukeys Bridge - General Plan & Elevation" Sheet #65 for location.

DESIGN - MURRELL	BRIDGE NO.
TRACE - CLARK	SURVEY
CHECK - HARRIS	PLOT -
STATE HIGHWAY COMMISSION	
BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
LIGHTING DETAILS	
NAVIGATION LIGHTS & LADDERS	
SHEET 64 OF 166	AUGUSTA, MAINE
	OCT. 1957





LEGEND

Existing Overhead Wires —○—○—○—

Existing Submarine Cable —S—S—S—

Proposed Underground Conduit and Cable ————

Pole with Street Light ○L

Proposed Alternate Cable

Central Maine Power Company

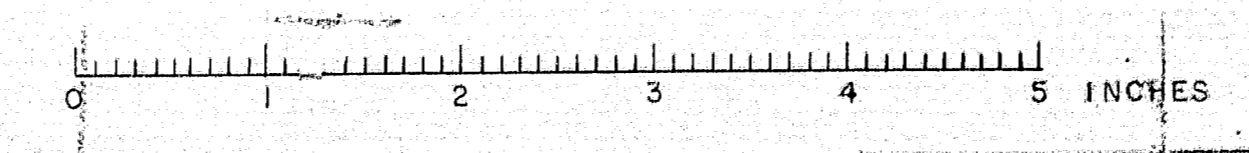
DESIGN - SMITH	BRIDGE NO.
TRACE - SMITH	166
CHECK - SMITH	PL. 1

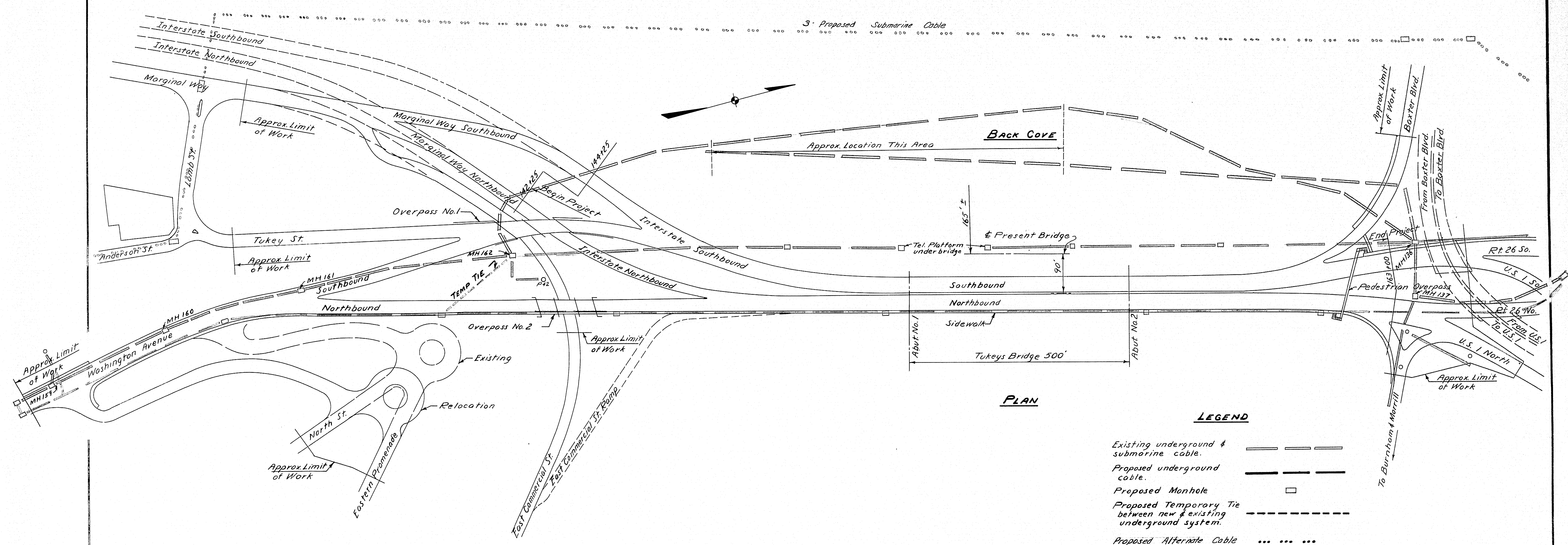
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
UTILITIES

SHEET 64A OF 166 AUGUSTA, MAINE OCT. 1957

76-64 A





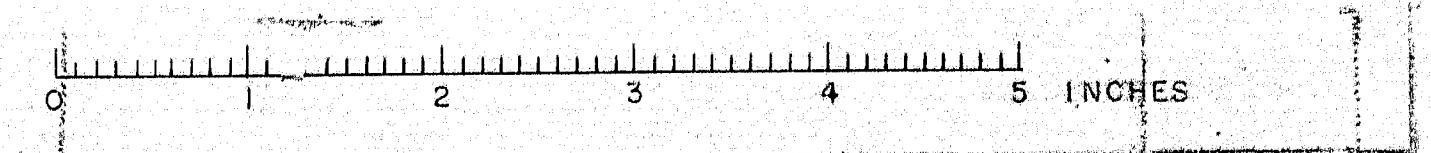
PLAN

LEGEND

- Existing underground & submarine cable. ————
- Proposed underground cable. ————
- Proposed Manhole □
- Proposed Temporary Tie between new & existing underground system. - - - - -
- Proposed Alternate Cable

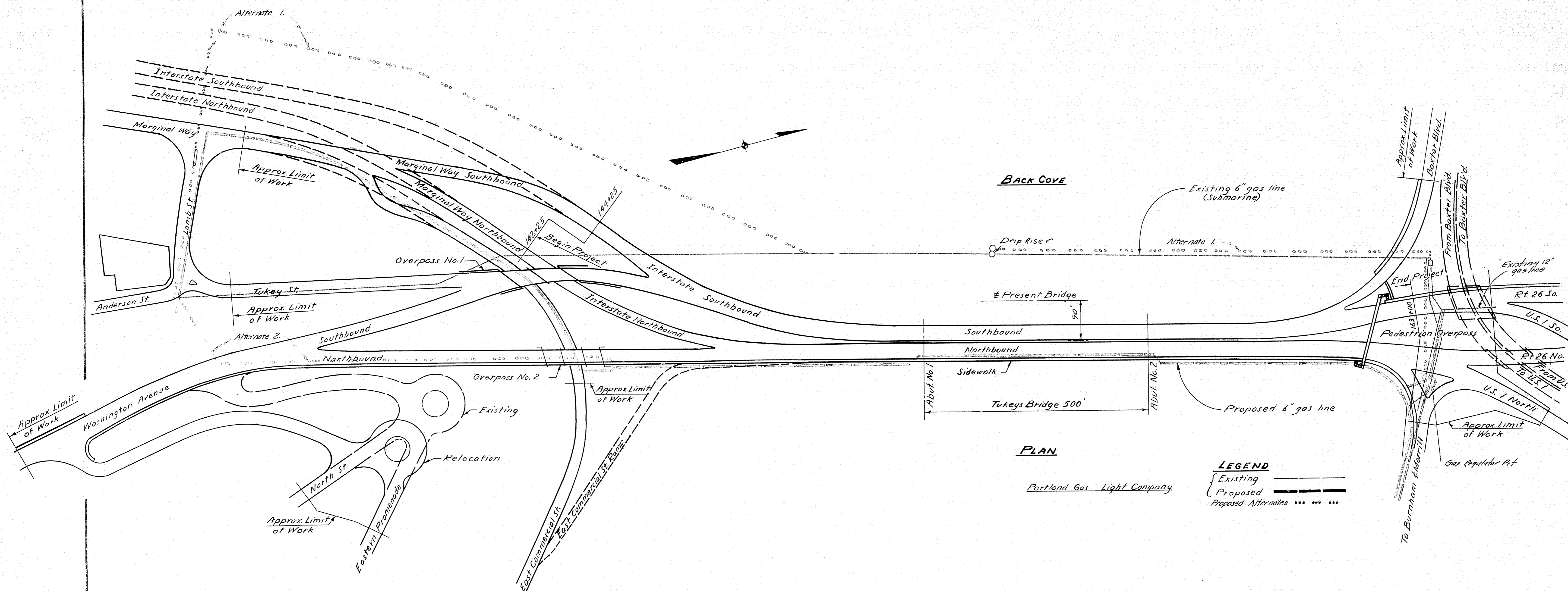
NEW ENGLAND TEL. & TEL. CO.

DESIGN - V. SMITH	BRIDGE NO. SURVEY PLOT -
CHECK -	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER BACK COVE	
IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
UTILITIES	
SHEET 64B OF 166 AUGUSTA, MAINE OCT. 1957	



F. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3443	64 C	166

1-895-3443 50



PLAN

LEGEND

- Existing ———
- Proposed ———
- Proposed Alternates ·····

Portland Gas Light Company

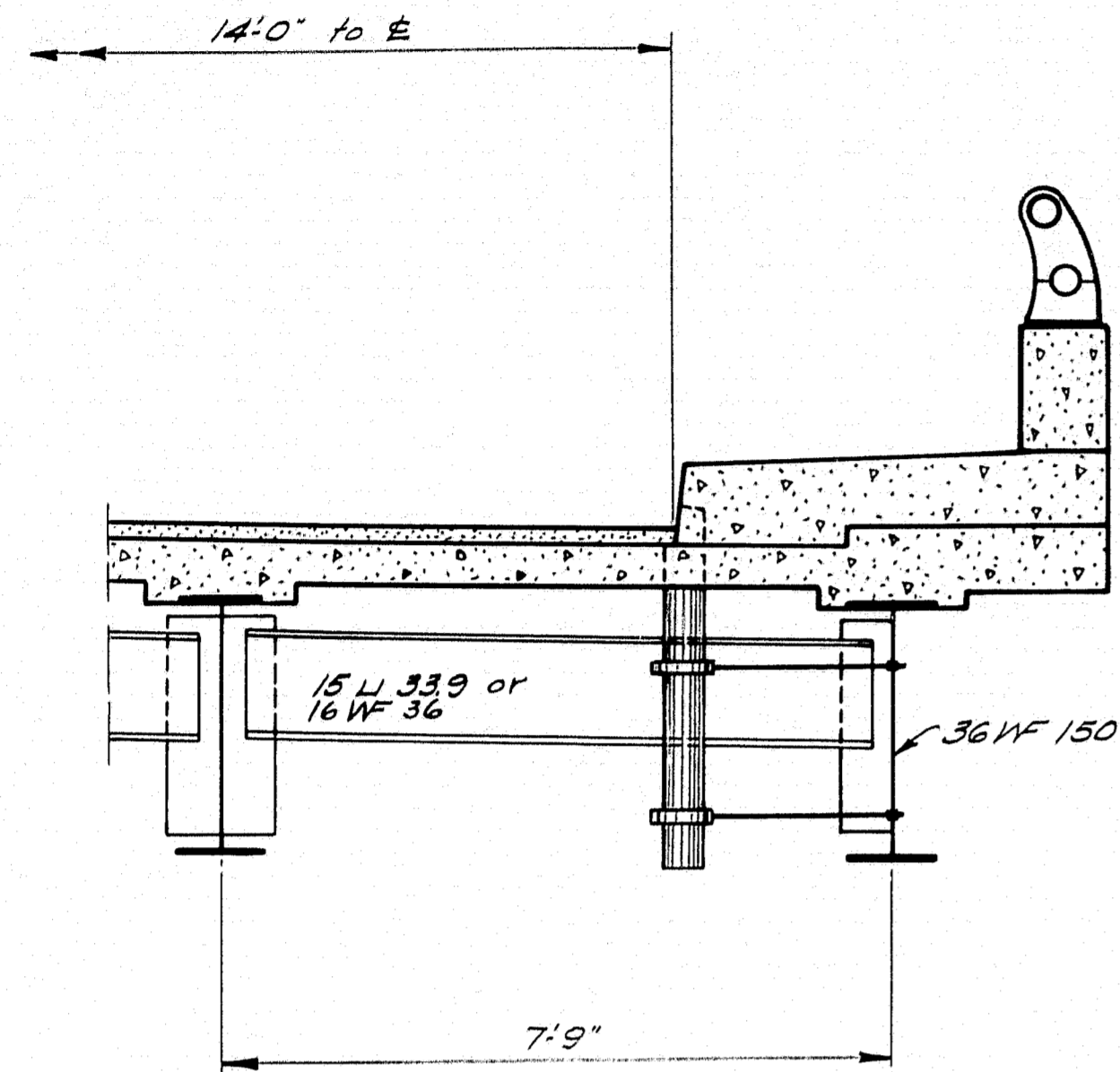
DESIGN - SMITH	BRIDGE NO. SURVEY PLOT -
TRACE -	
CHECK -	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER BACK COVE	
IN THE CITY OF PORTLAND	
CUMBERLAND COUNTY	
UTILITIES	
SHEET 64 C OF 166 AUGUSTA, MAINE OCT. 1957	

76-64 C

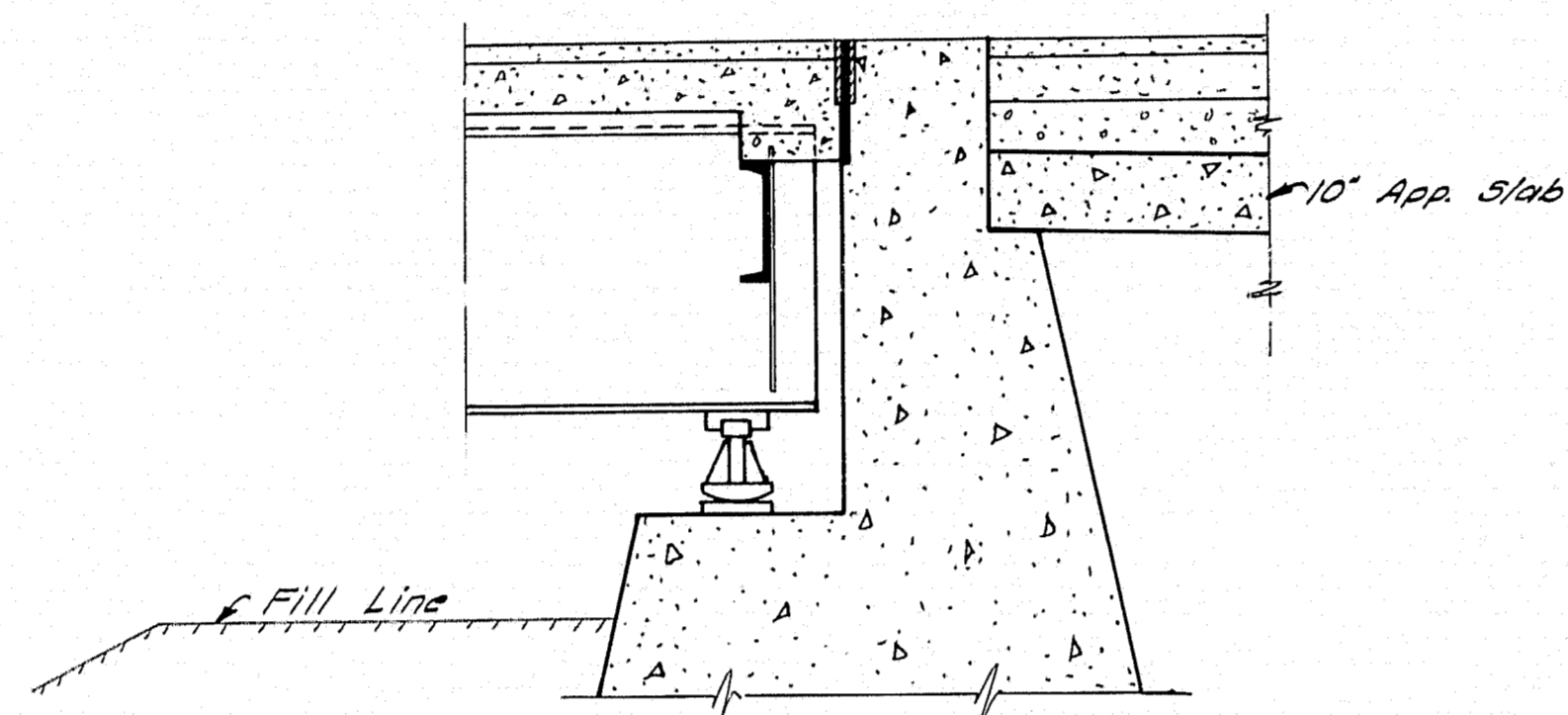
0 1 2 3 4 5 INCHES

B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	2002-141-64D	166	166

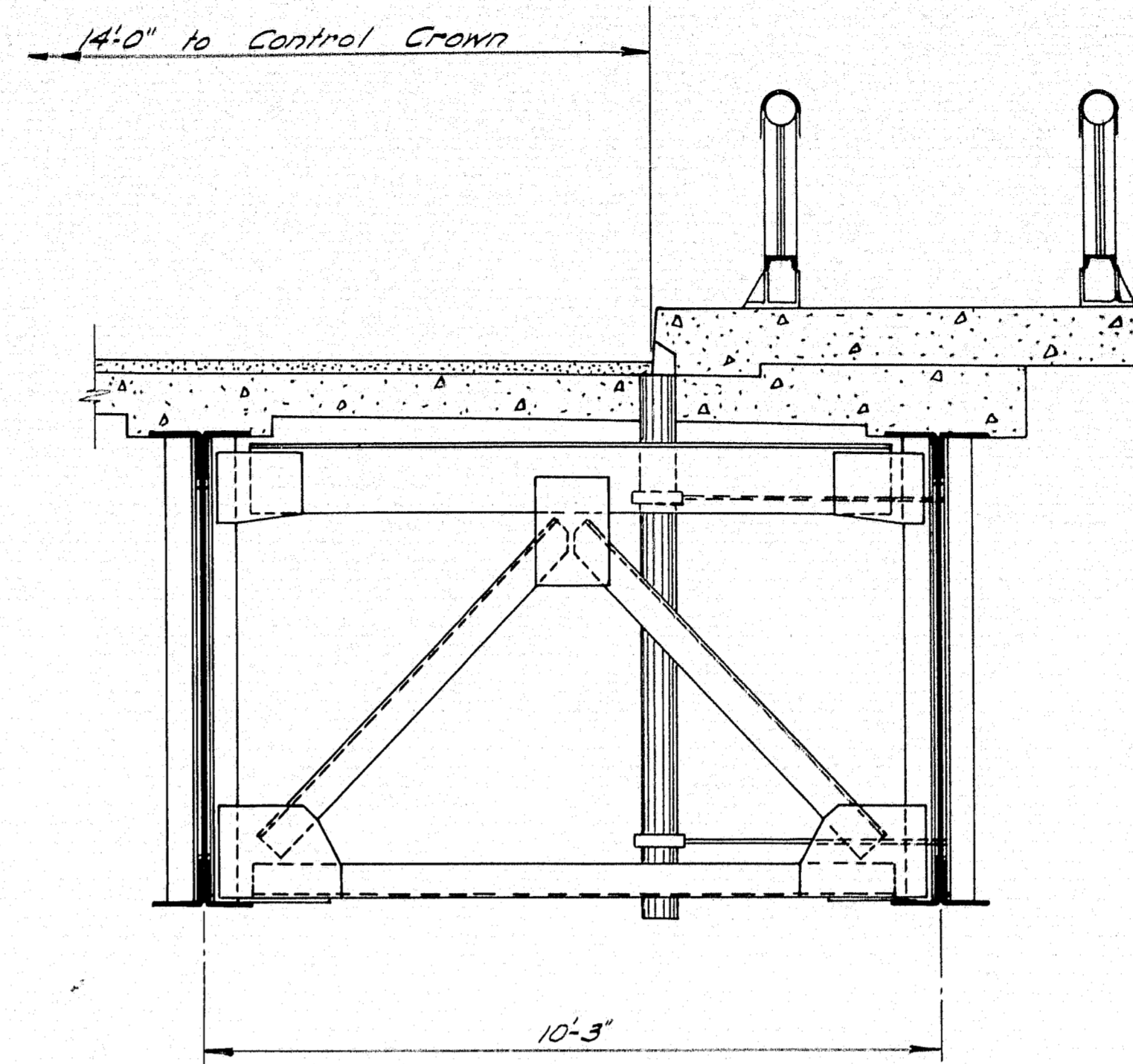
1-B95-2643 50



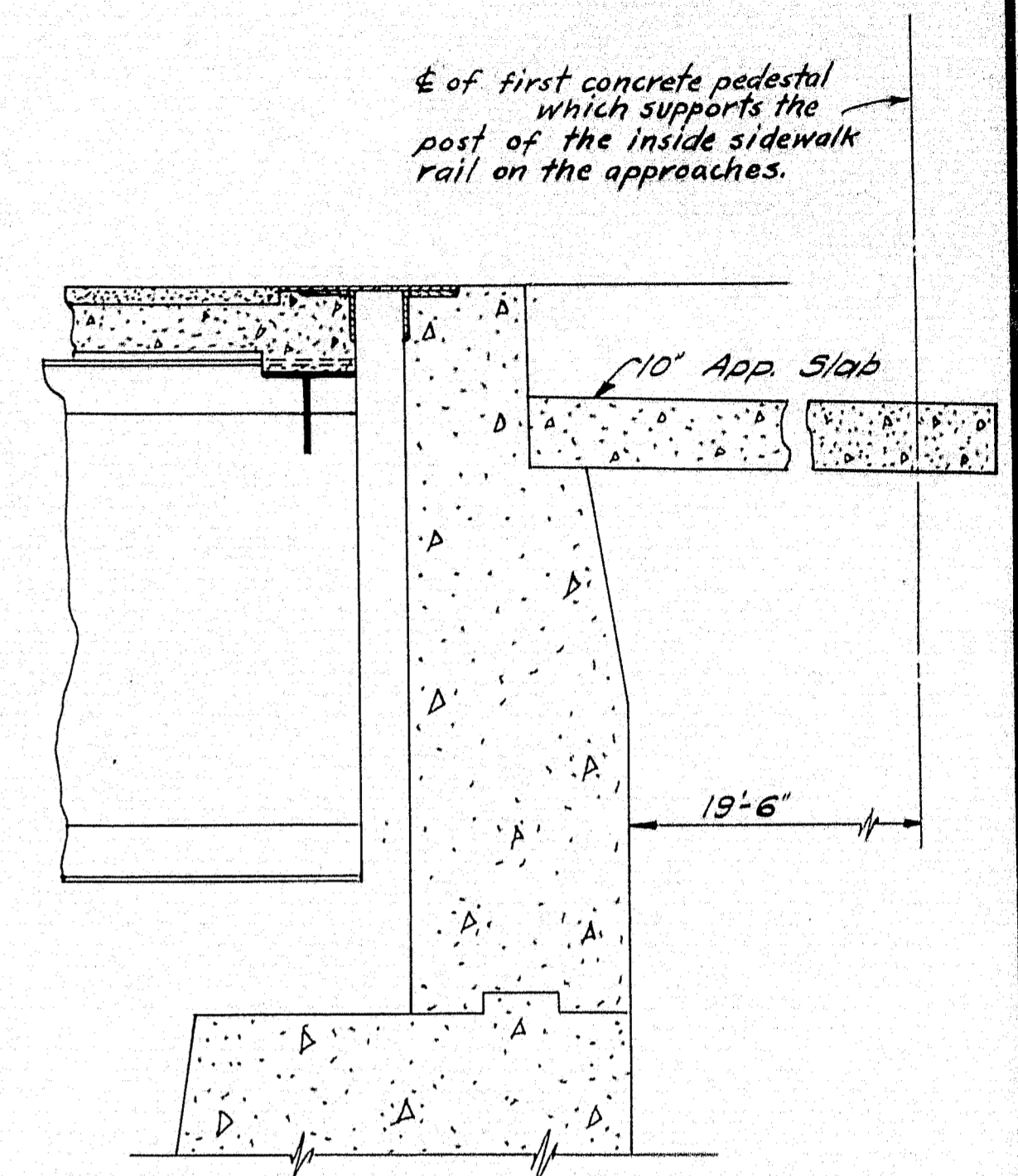
SECTION THRU SIDEWALK
Overpass No. 2



SECTION THRU BACKWALL
Overpass No. 2

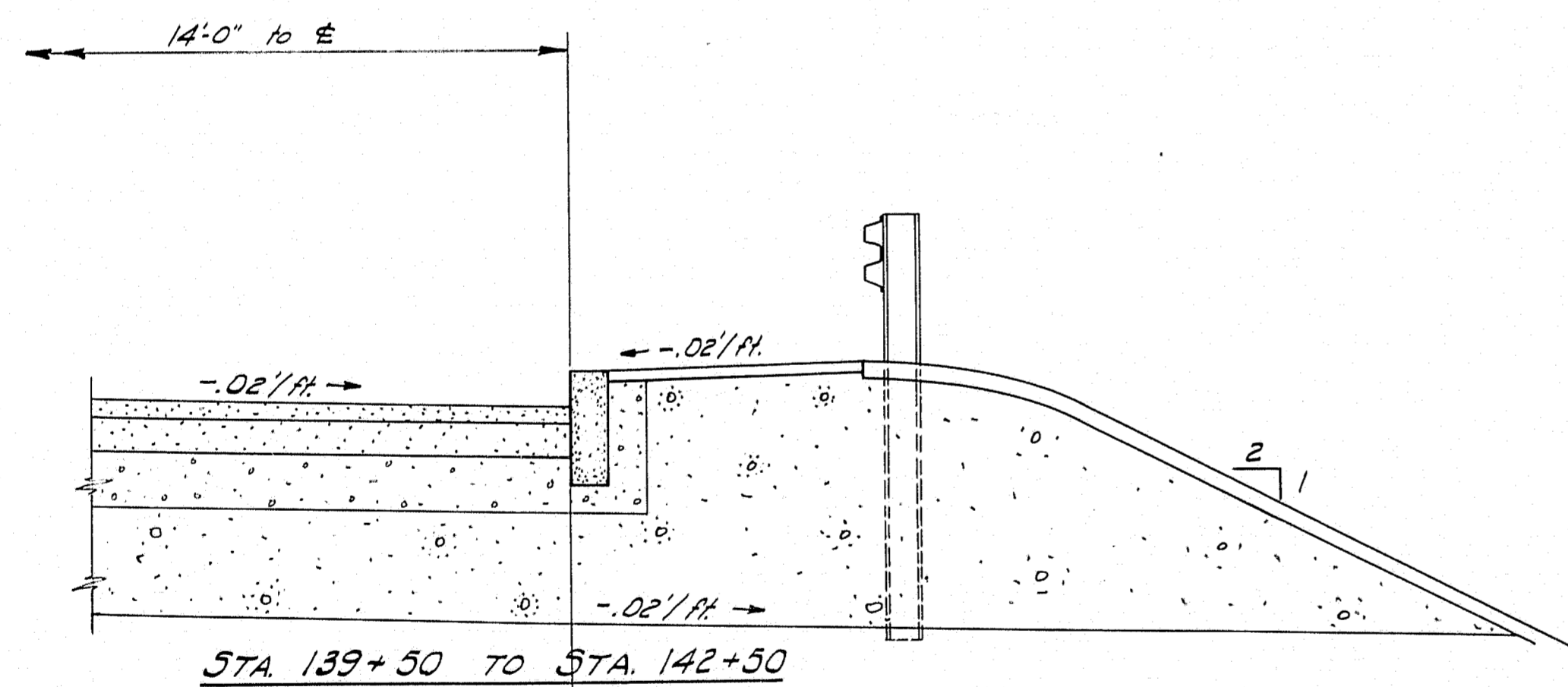


SECTION THRU SIDEWALK
Tukeys Bridge

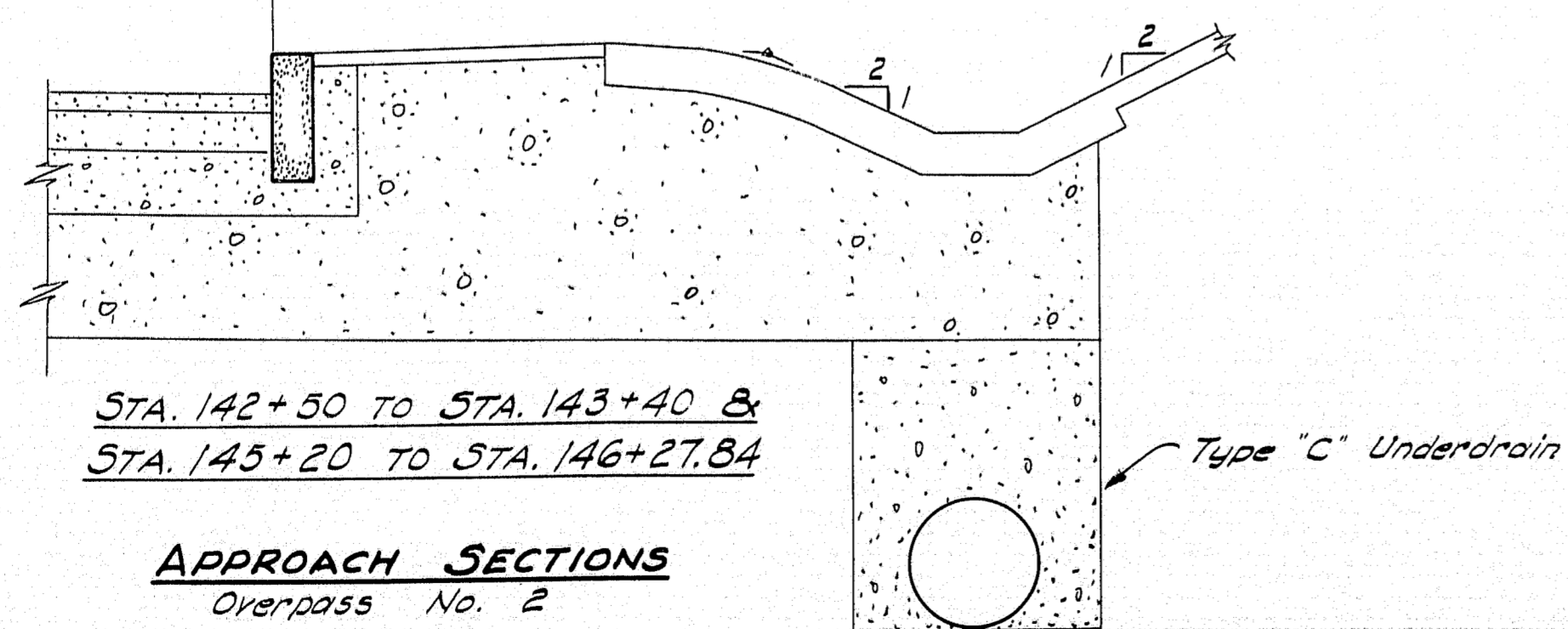


SECTION THRU BACKWALL
Tukeys Bridge

NOTE: The Utility Companies will support thier lines from the structural steel on the easterly side of Tukeys Bridge and the easterly side of Overpass No. 2. Exact location will be determined by the Companies with the approval of the Engineer.

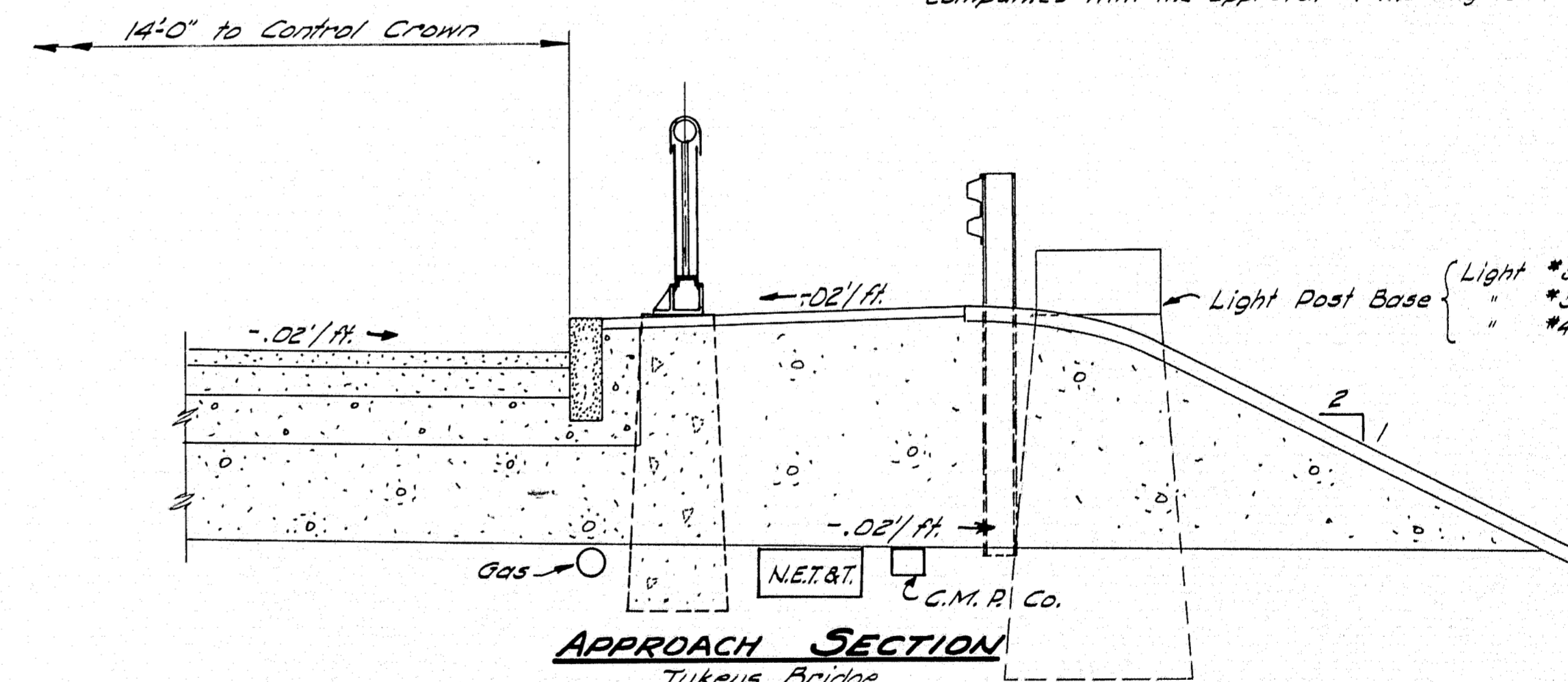


STA. 139+50 TO STA. 142+50



STA. 142+50 TO STA. 143+40 &
STA. 145+20 TO STA. 146+27.84

APPROACH SECTIONS
Overpass No. 2



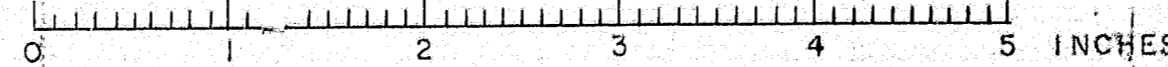
APPROACH SECTION
Tukeys Bridge
Ahead of Sta. 146+47.84

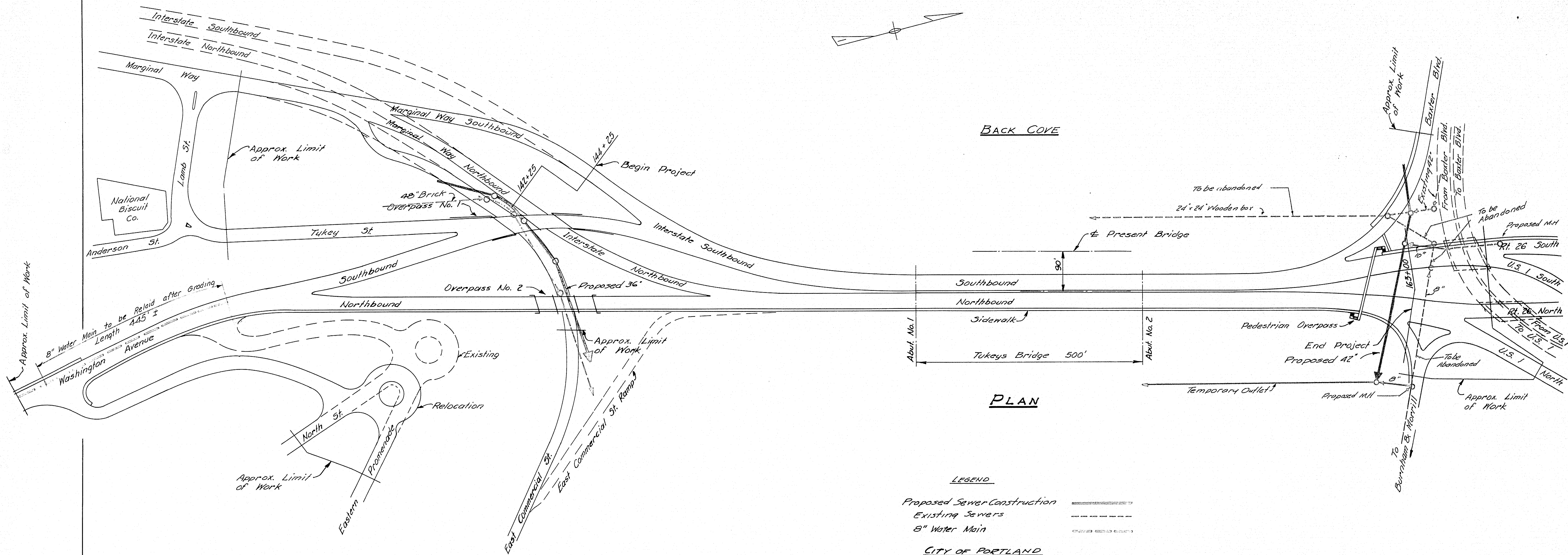
NOTE: The size and location of the Utility Company lines are approximate.

Scale: 1/2" = 1'-0"

DESIGN - M.C.R.	BRIDGE NO.
TRACE - G.W.C.	SURVEY -
CHECK -	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
UTILITIES	
SHEET 64D OF 166	AUGUSTA, MAINE OCT. 1957

76-64D





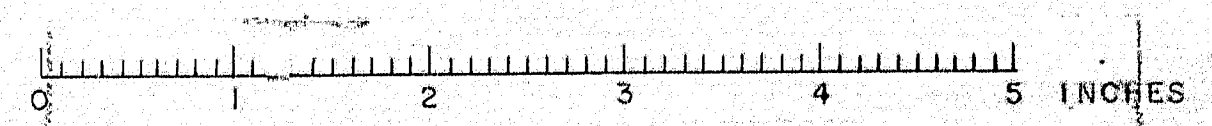
PLAN

- LEGEND**
- Proposed Sewer Construction ————
 - Existing Sewers - - - - -
 - 8" Water Main ————

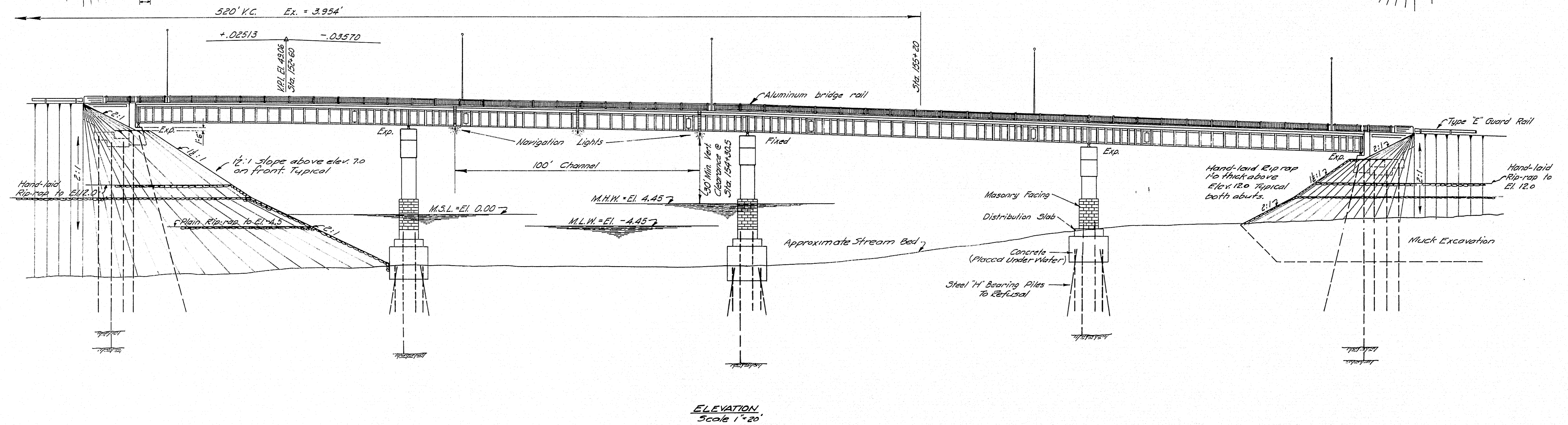
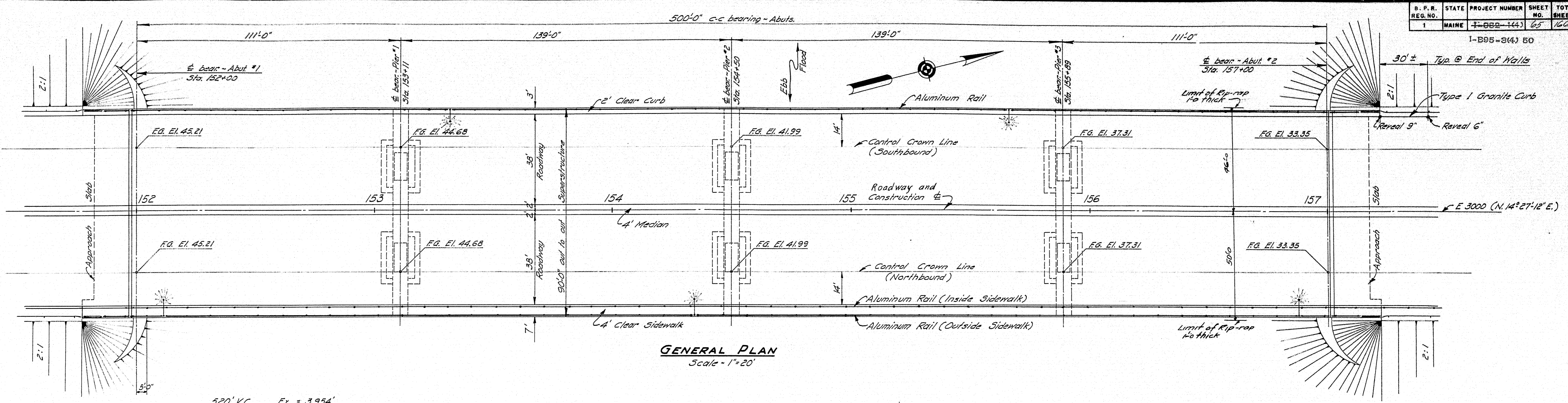
CITY OF PORTLAND
SEWER CONSTRUCTION

Portland Water District
Relaying Water Main

DESIGN - GWC	BRIDGE NO. -
TRACE - GWC	SURVEY -
CHECK - MER	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER BACK COVE	
IN THE CITY OF PORTLAND	
CUMBERLAND COUNTY	
UTILITIES	
SHEET 64E OF 166 AUGUSTA, MAINE OCT. 1957	
Plot Water Main Nov. 1958 P.M. 76-64 E	



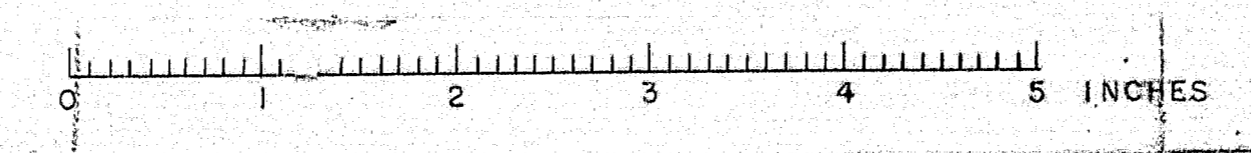
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-B95-3(4) 60	65	166



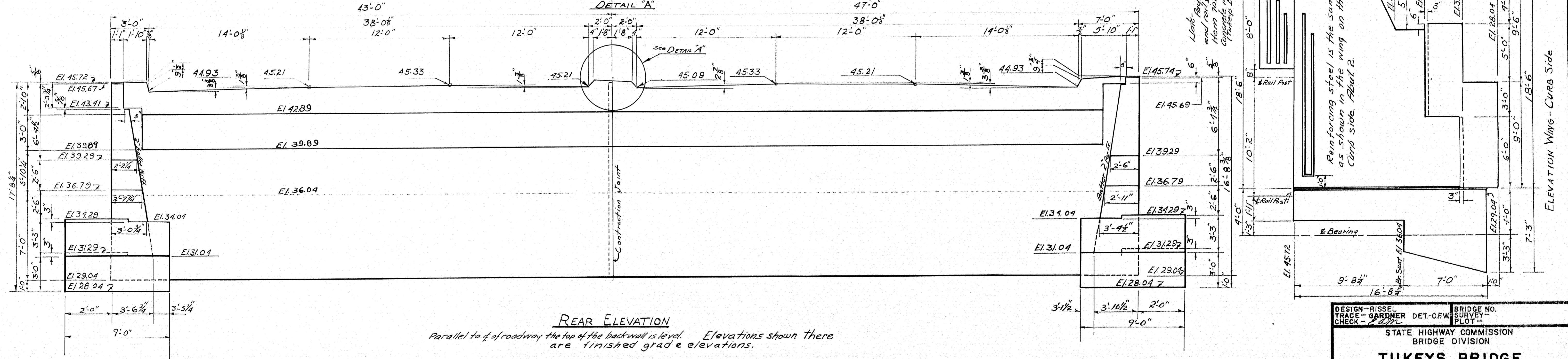
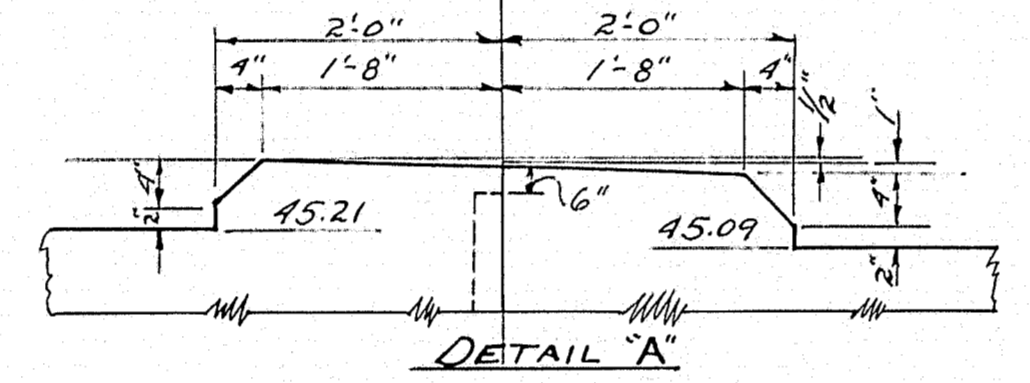
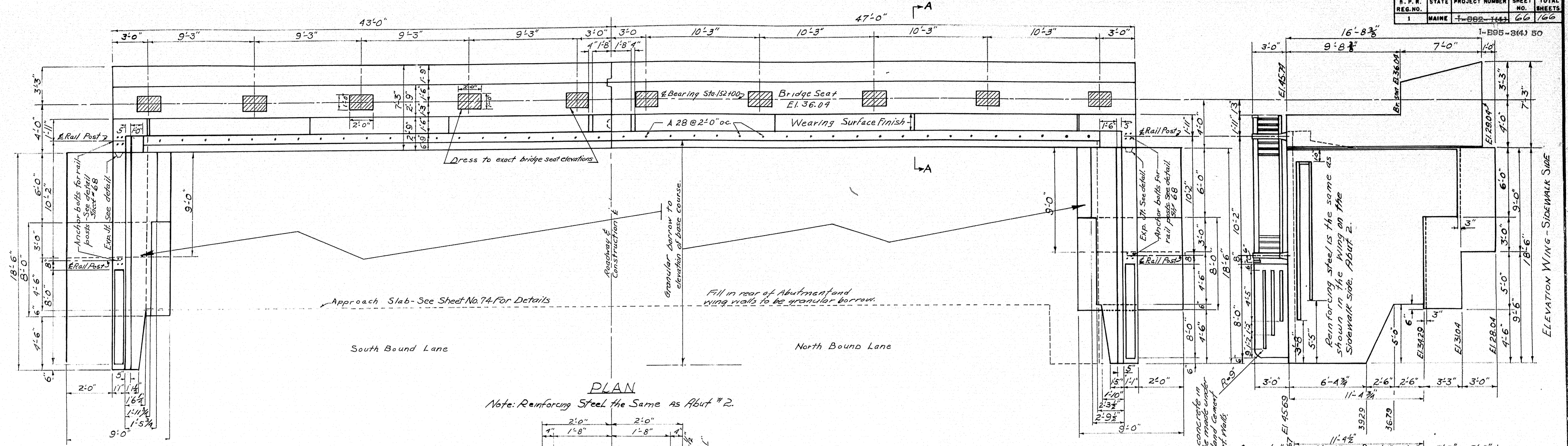
DESIGN - RISSEL
TRACE - CLARK
CHECK - G.M.C.

BRIDGE NO. 1-B95-3(4) 60
SURVEY -
PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
TUKEYS BRIDGE
GENERAL PLAN & ELEVATION
SHEET 65 OF 166 AUGUSTA, MAINE OCT. 1957



S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-888-144	66	166



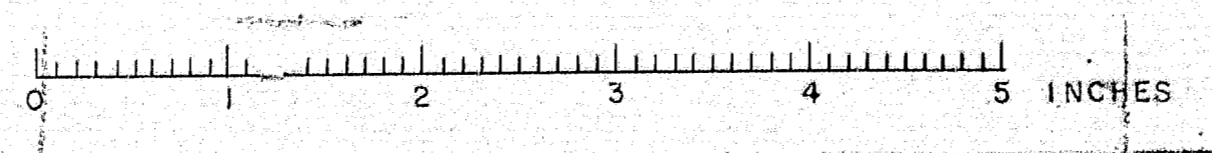
REAR ELEVATION
 Parallel to & of roadway the top of the backwall is level. Elevations shown there are finished grade elevations.

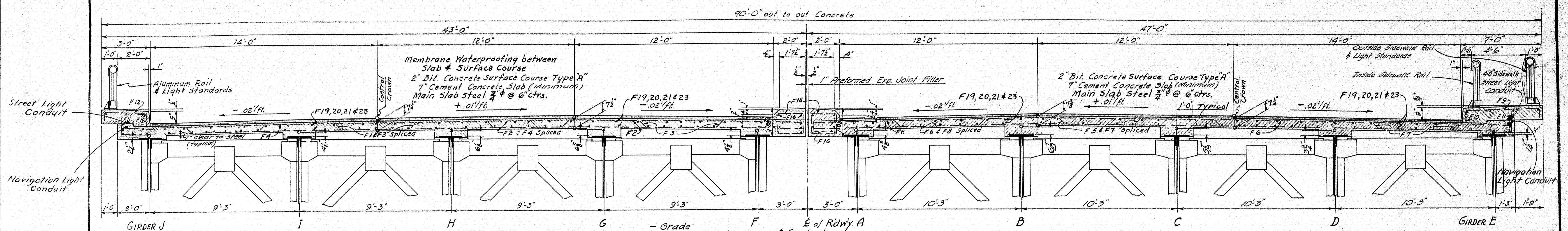
NOTE:
 For sections see Sheet 68.

Location of holes thru abutment backwalls for utilities shall be determined by the Engineer in the field.

NOTE:
 Work with Sheets 67 and 68.

DESIGN - RISSEL
 CHECK - GARDNER
 BRIDGE NO. 1
 SURVEY PLOT 1
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 TUKEYS BRIDGE
 ABUTMENT NO. 1
 SHEET 66 OF 166 AUGUSTA, MAINE OCT. 1957

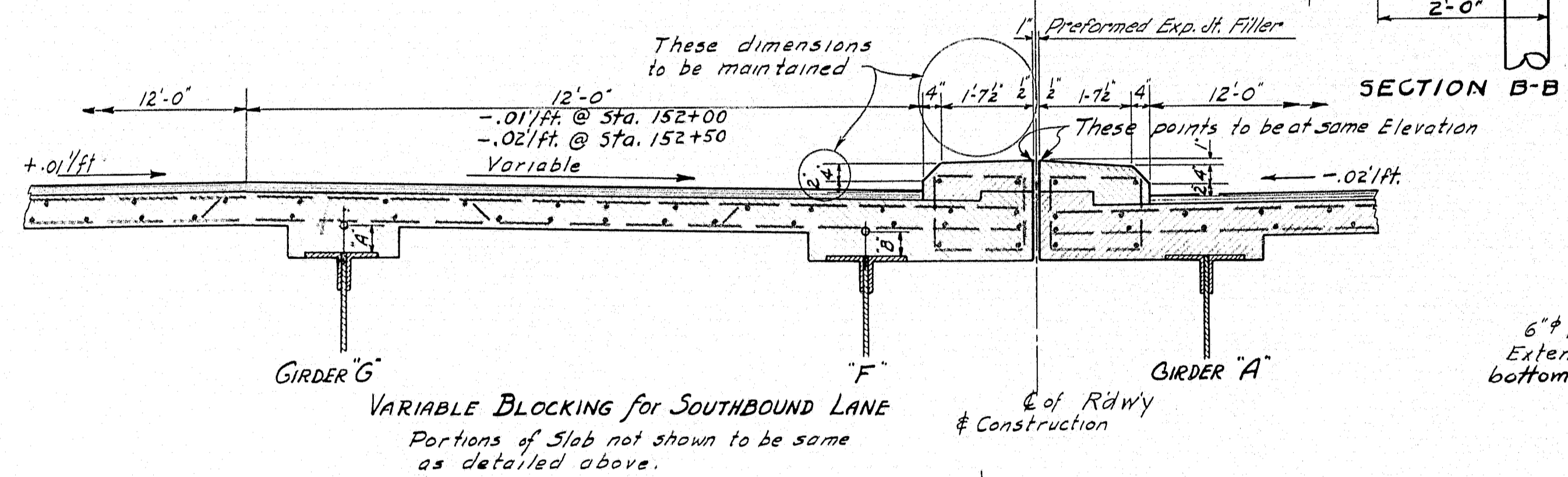




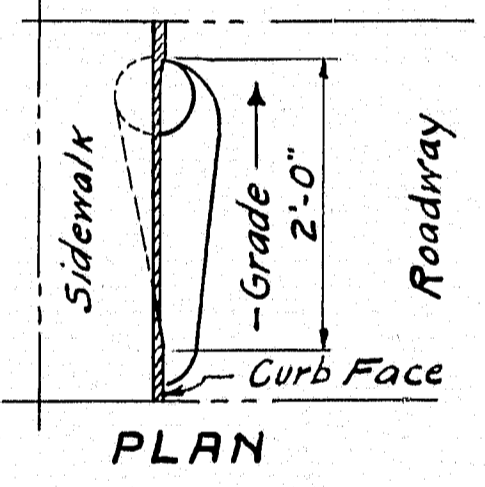
TRANSVERSE SECTION - SOUTHBOUND
TYPICAL NORMAL SECTION

Note - Bottom of slab to be straight between working points over tops of girders (Typical)

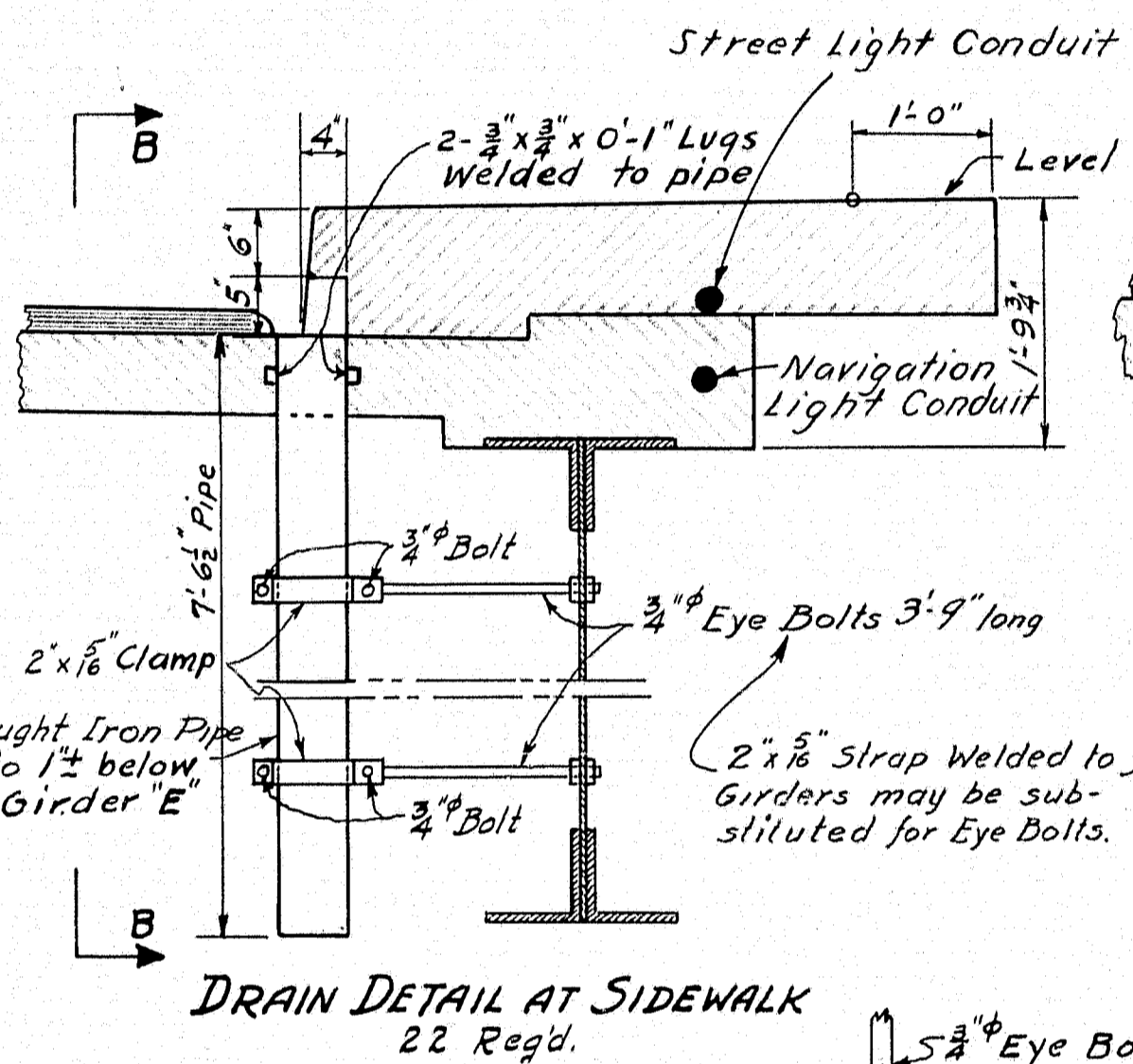
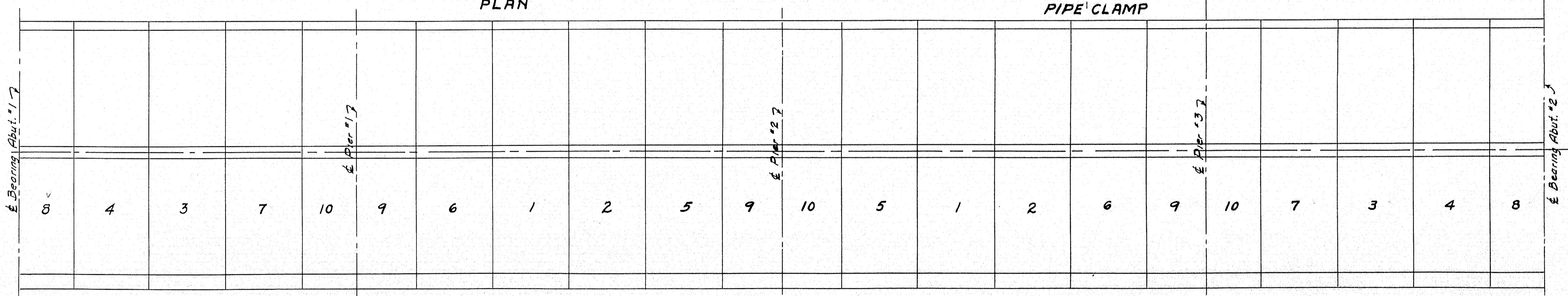
TRANSVERSE SECTION - NORTHBOUND
TYPICAL



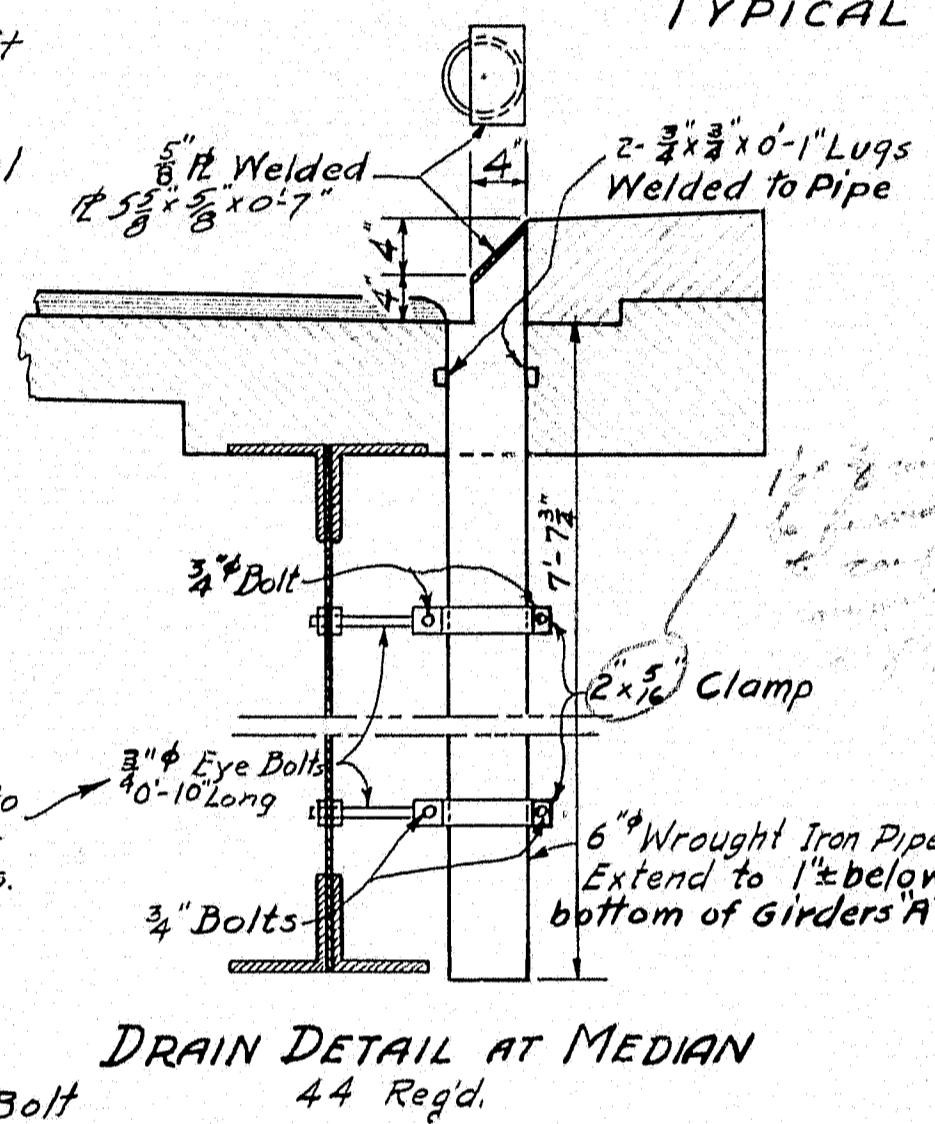
Station	Dimension "A"	Dimension "B"
152+00 ± Bearing	6 3/8"	5 3/8"
152+10	6 3/8"	5 1/2"
152+20	6 3/8"	5"
152+30	6 3/8"	4 3/4"
152+40	6 3/8"	4 5/8"
152+50	6 3/8"	4 3/8"



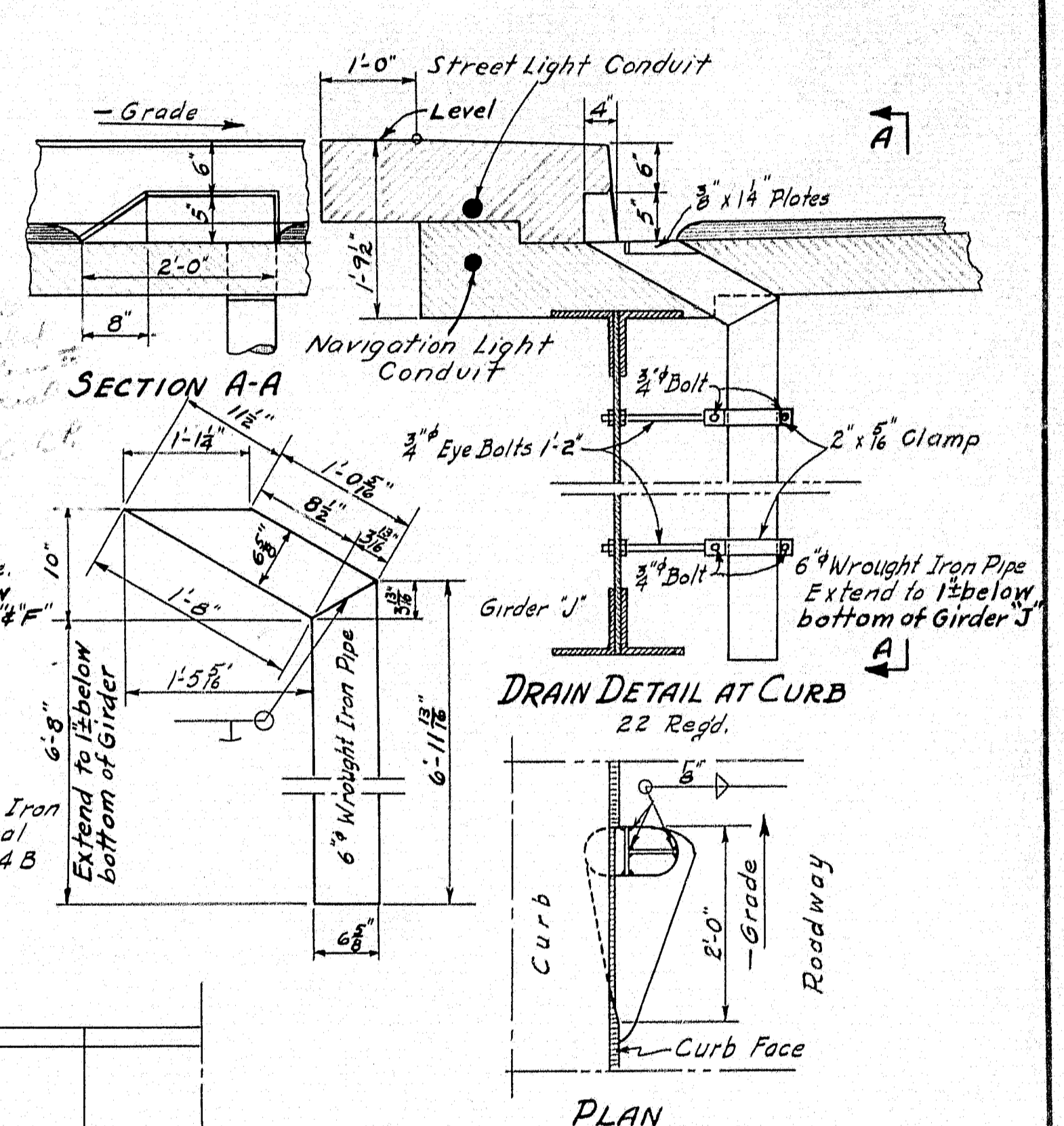
SLAB PLACING SEQUENCE
Concrete Slabs to be placed in numerical order.
Order of placing to be the same for both lanes.



DRAIN DETAIL AT SIDEWALK
22 Reg'd.

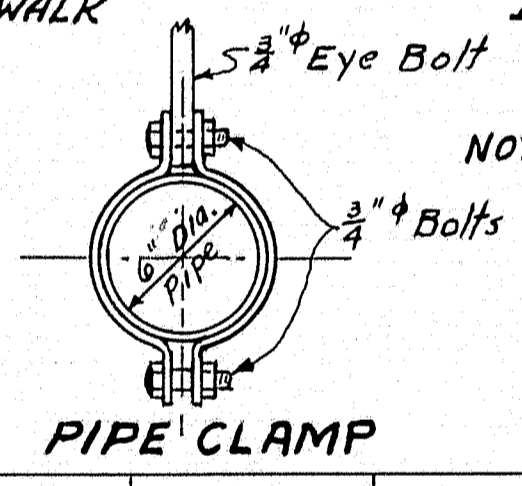


DRAIN DETAIL AT MEDIAN
44 Reg'd.



DRAIN DETAIL AT CURB
22 Reg'd.

PLAN



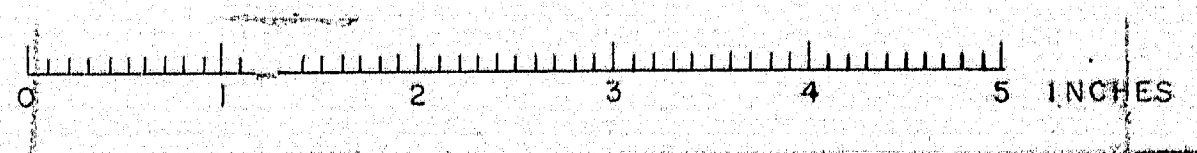
PIPE CLAMP

DESIGN - RISSEL-DETAILED - J. L. F. BRIDGE NO. 100
TRACE - FORTIER SURVEY PLOT -
CHECK - ABB

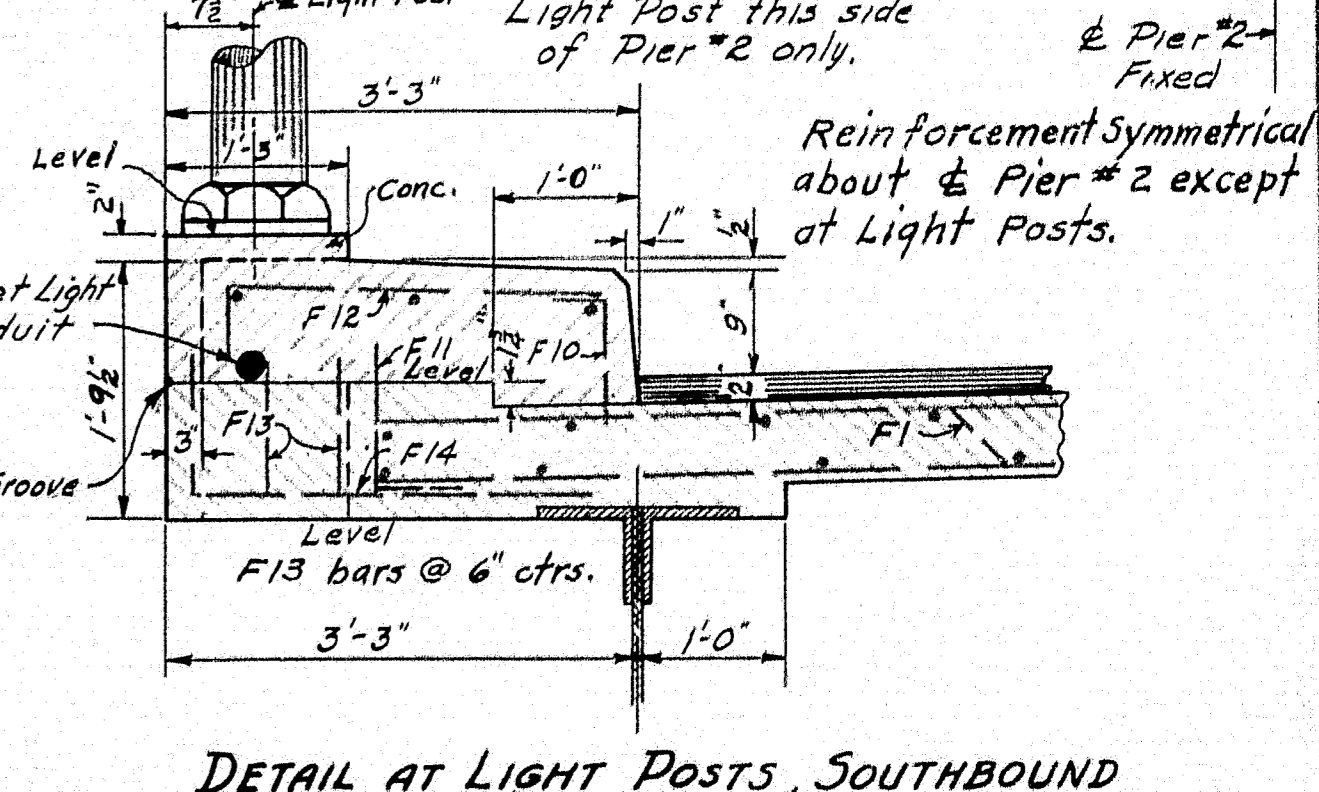
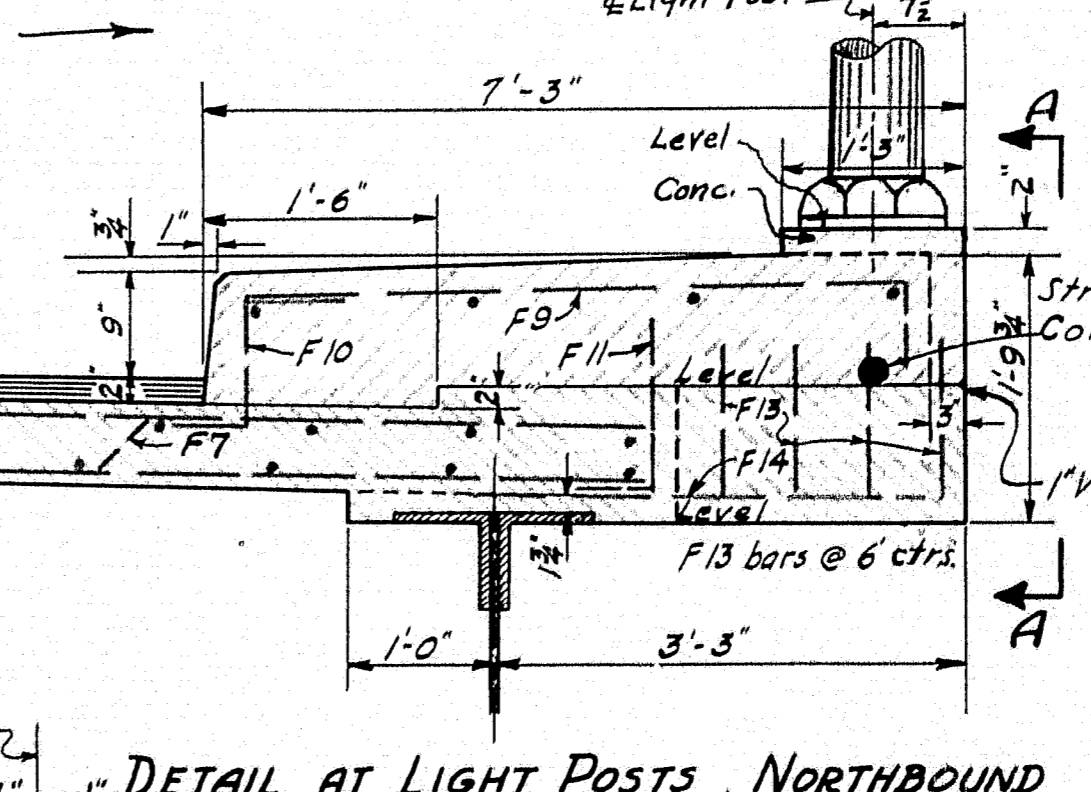
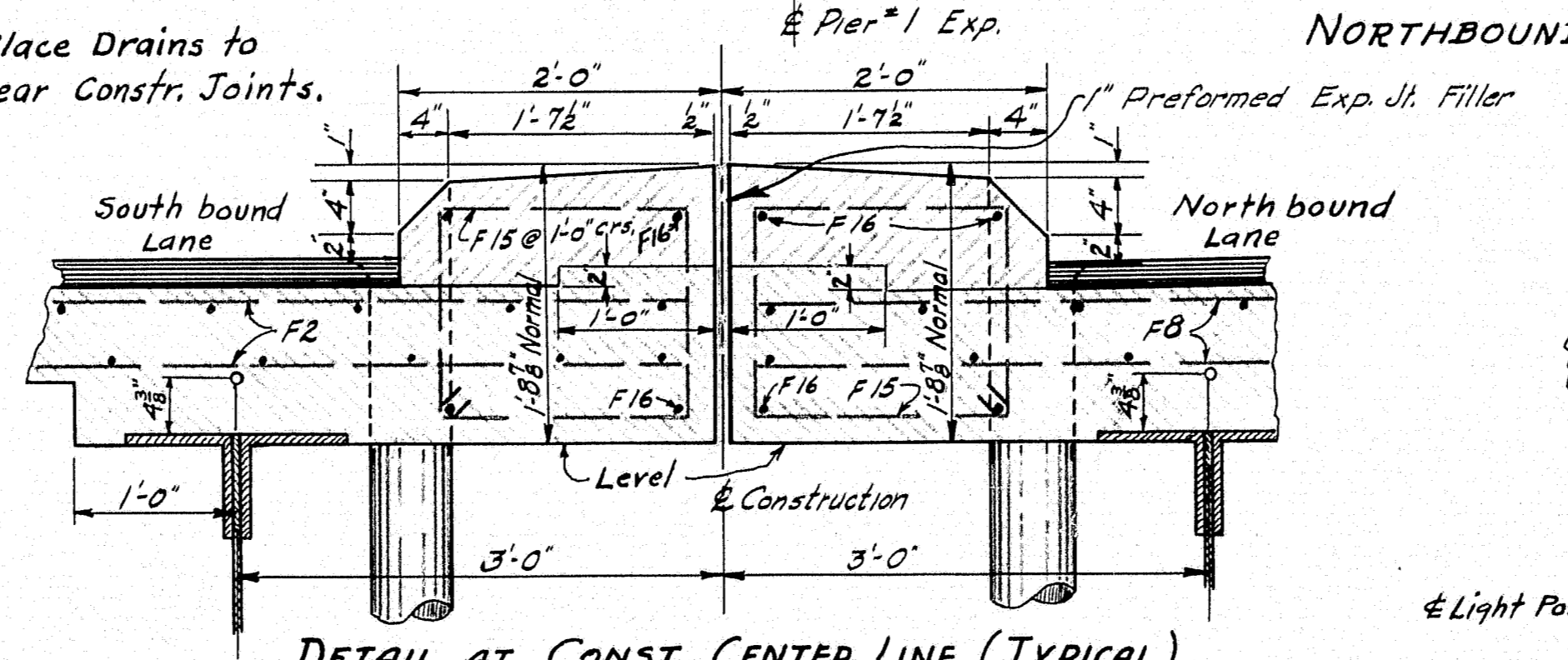
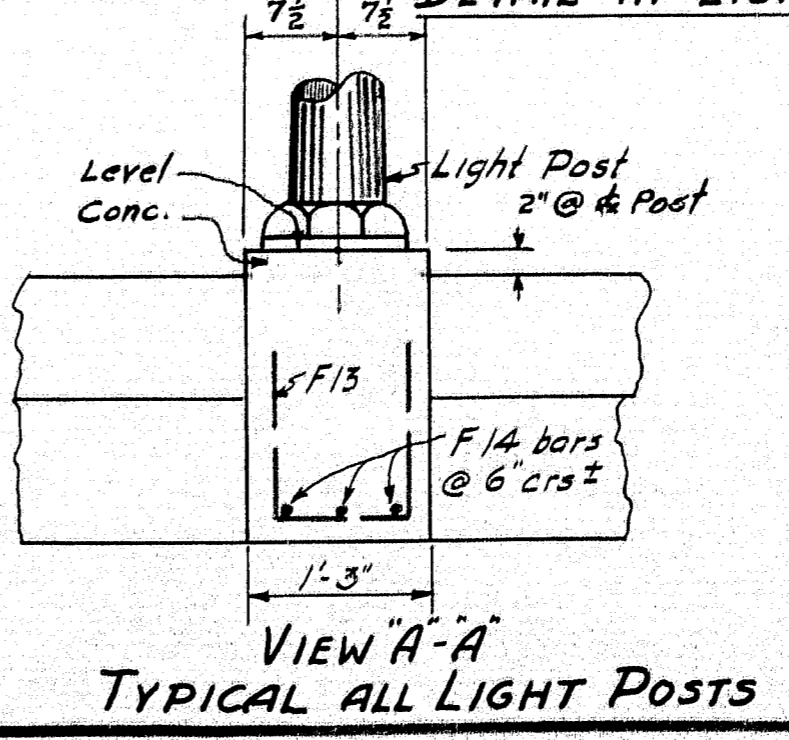
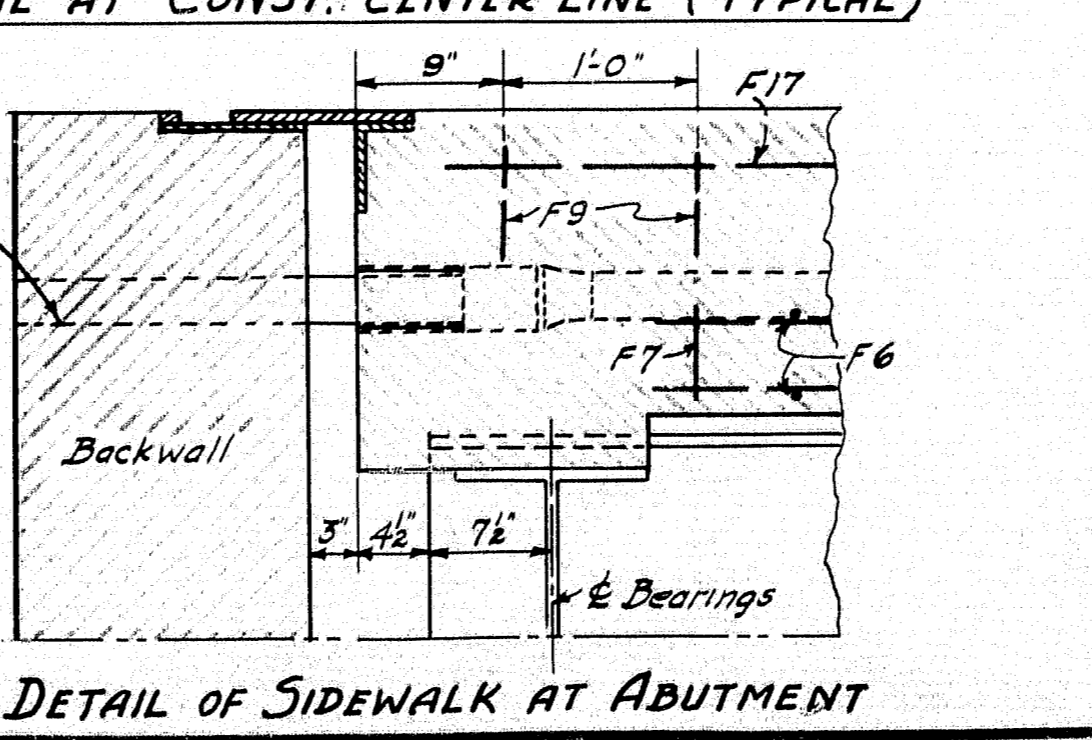
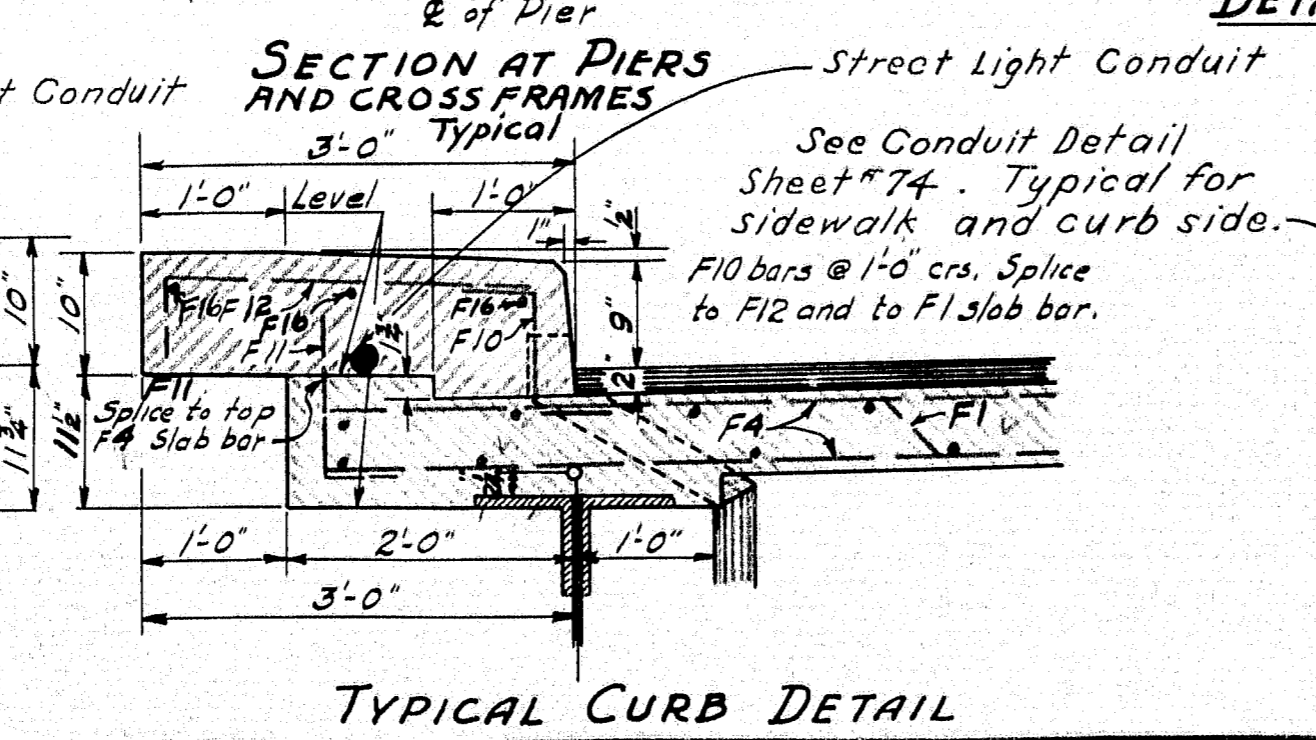
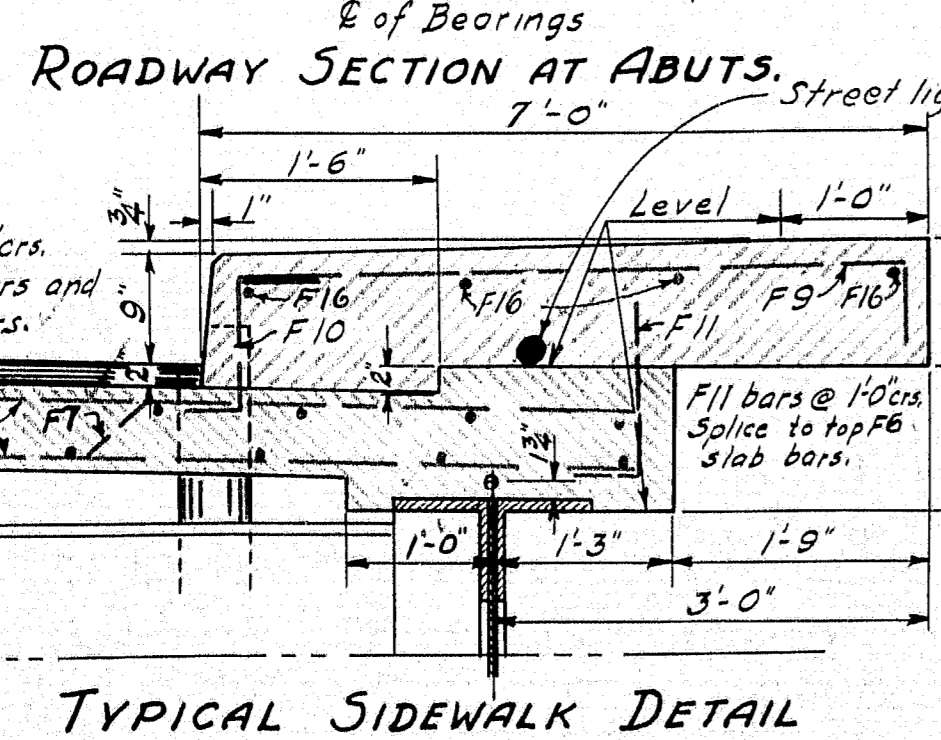
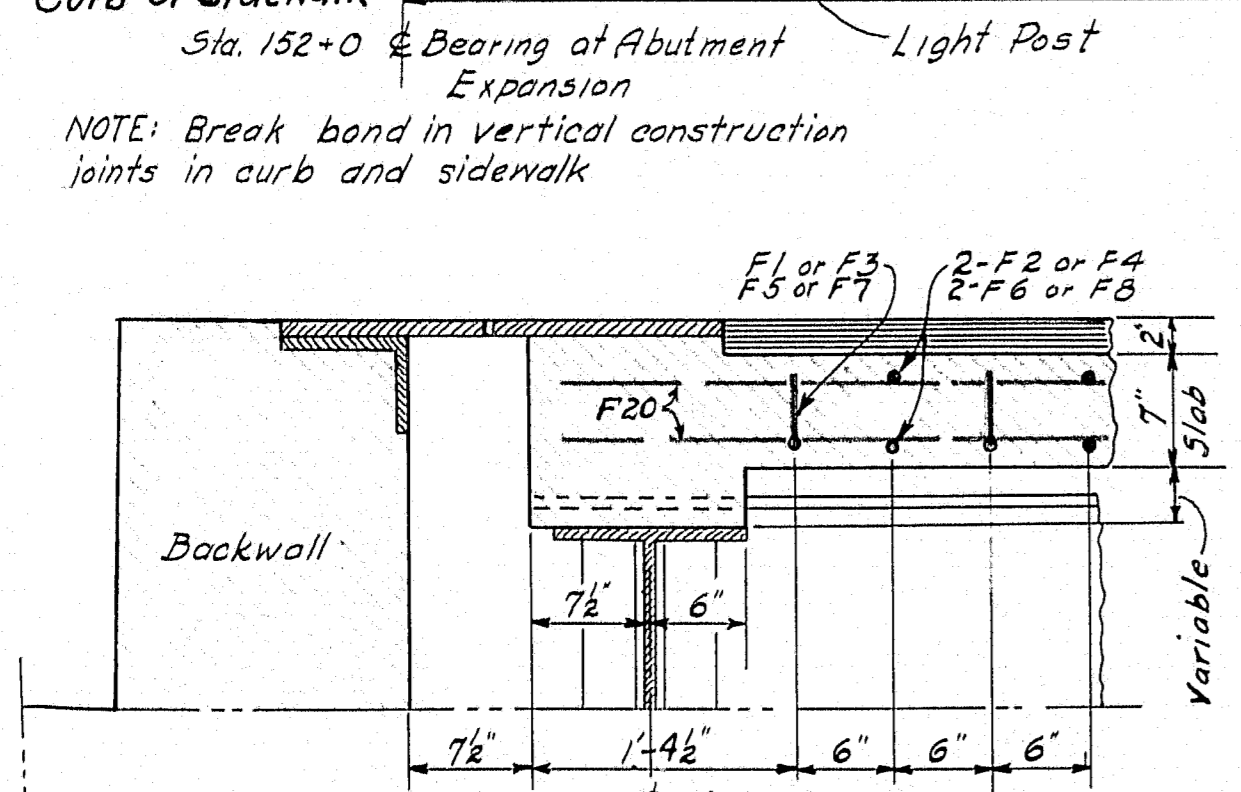
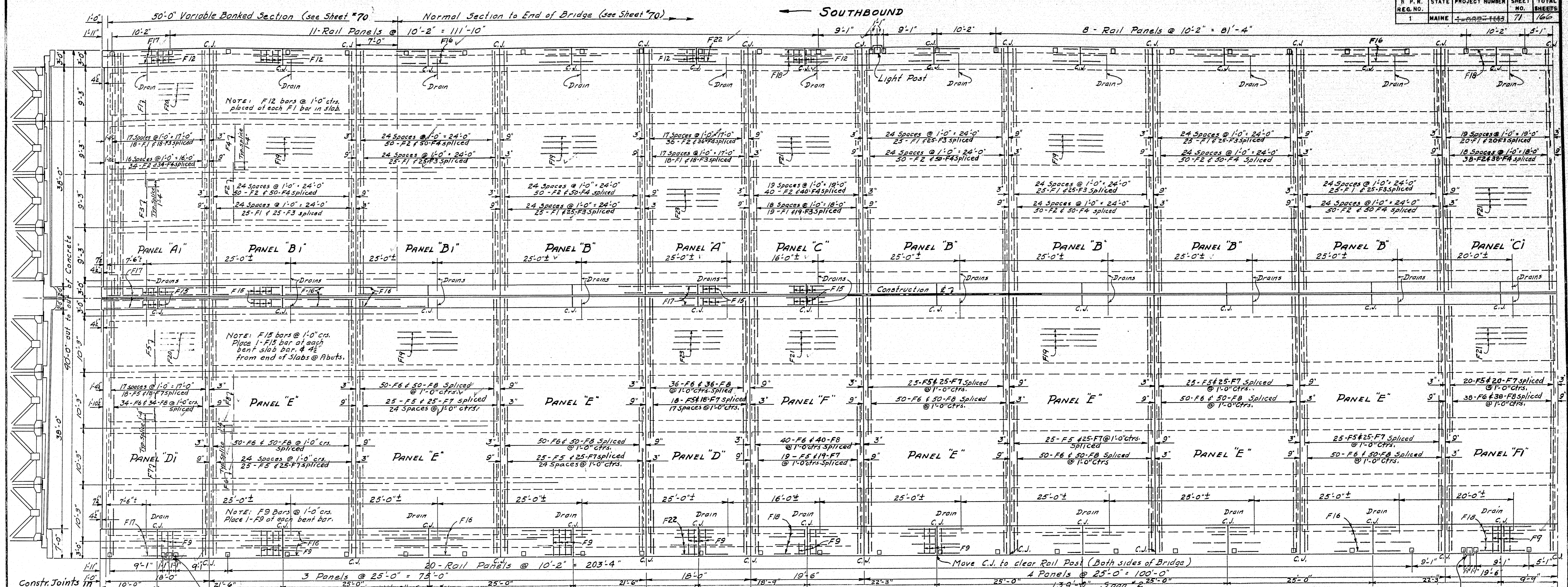
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
TUKEYS BRIDGE
SLAB DETAILS

SHEET 70 OF 166 AUGUSTA, MAINE OCT. 1957



R.P.R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	3-68-1183	71	166



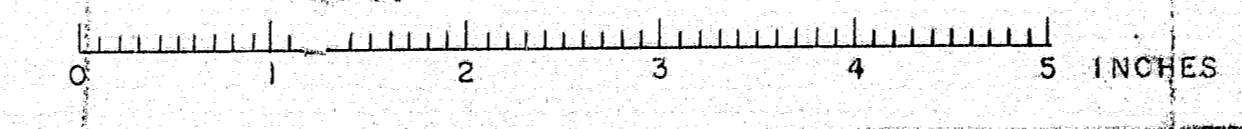
DESIGN - RISSEL-DETAIL-J.L.F.
 TRACE - FORTIER
 CHECK - A.B.P.

BRIDGE NO. 1183
 SURVEY PLOT

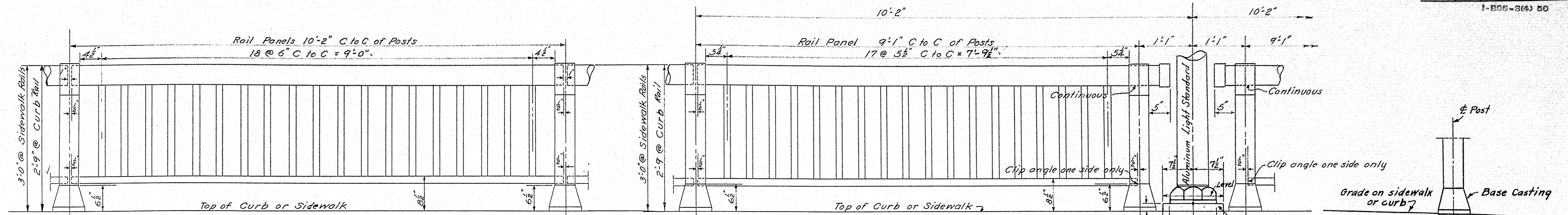
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

TUKEYS BRIDGE
 OVER
BACK COVE
 IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
 TUKEYS BRIDGE
 SLAB DETAILS

SHEET 71 OF 166 AUGUSTA, MAINE OCT. 1957

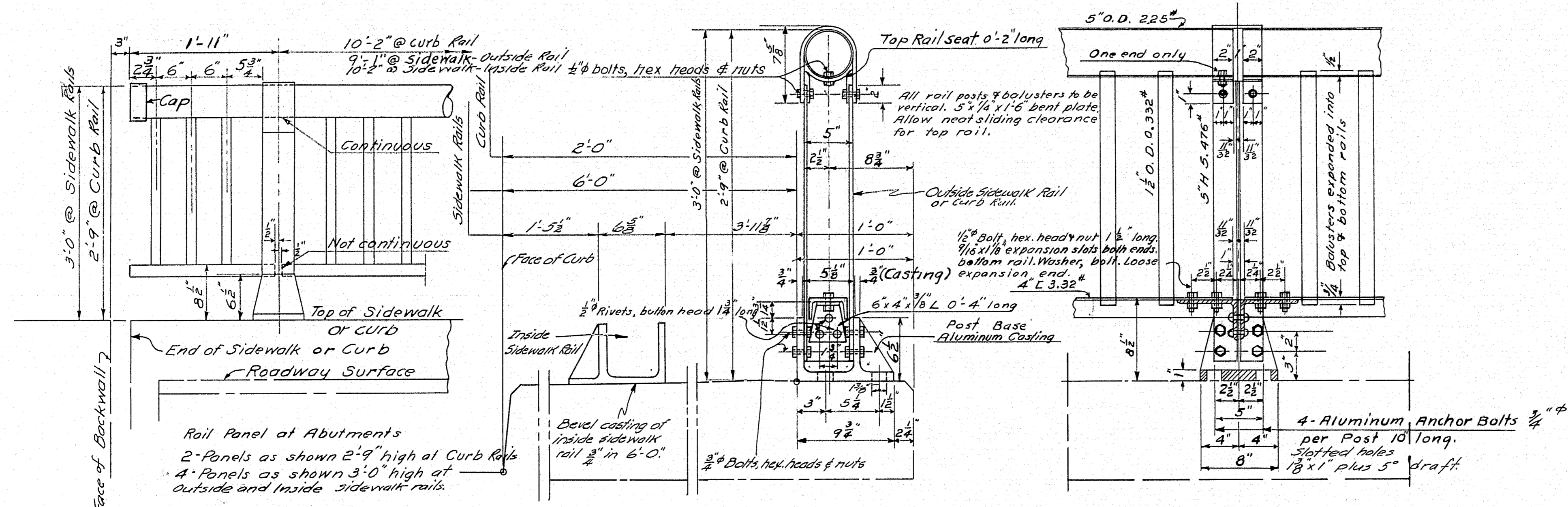


S. P. R. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3(4) 80	72	76



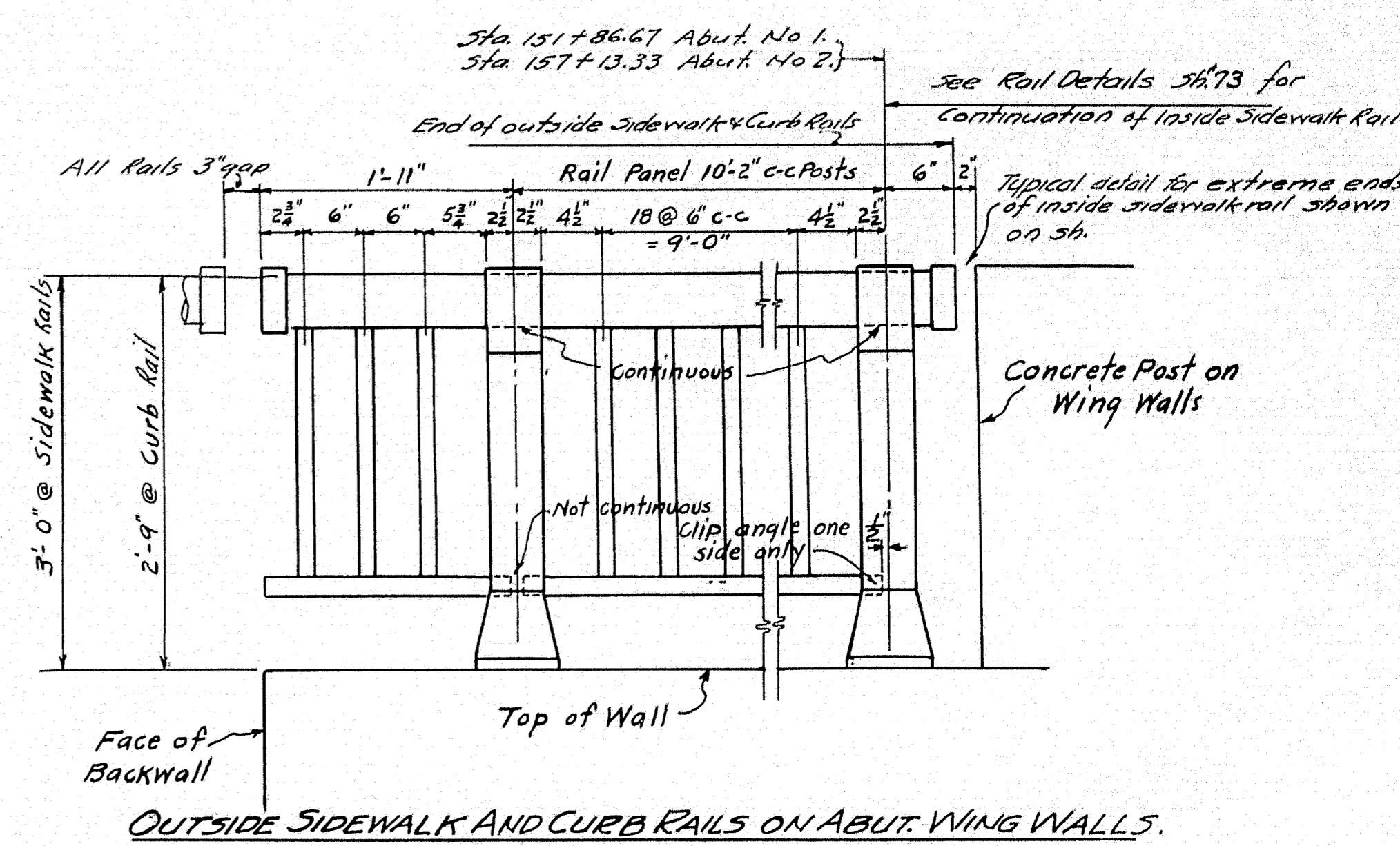
45- Rail Panels as shown 2'-9" high at Curb
 43- Rail Panels as shown 3'-0" high at Sidewalk - Outside
 49- Rail Panels as shown 3'-0" high at Sidewalk - Inside.

4- Rail Panels as shown 2'-9" high at Curb
 6- Rail Panels as shown 3'-0" high at Sidewalk outside.

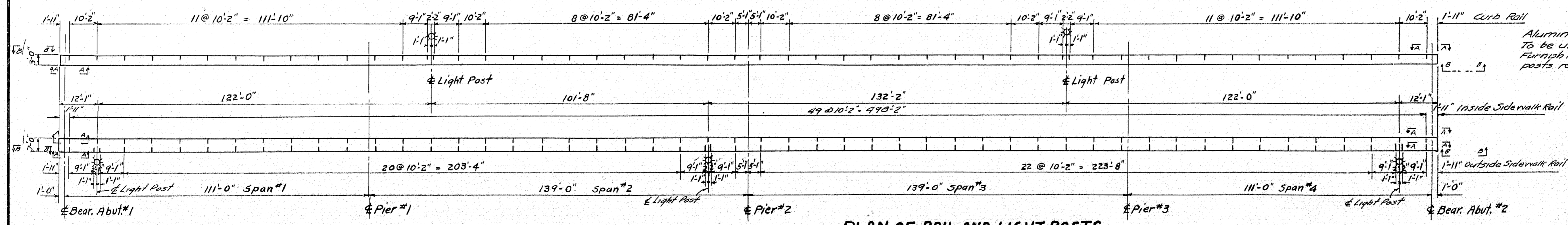
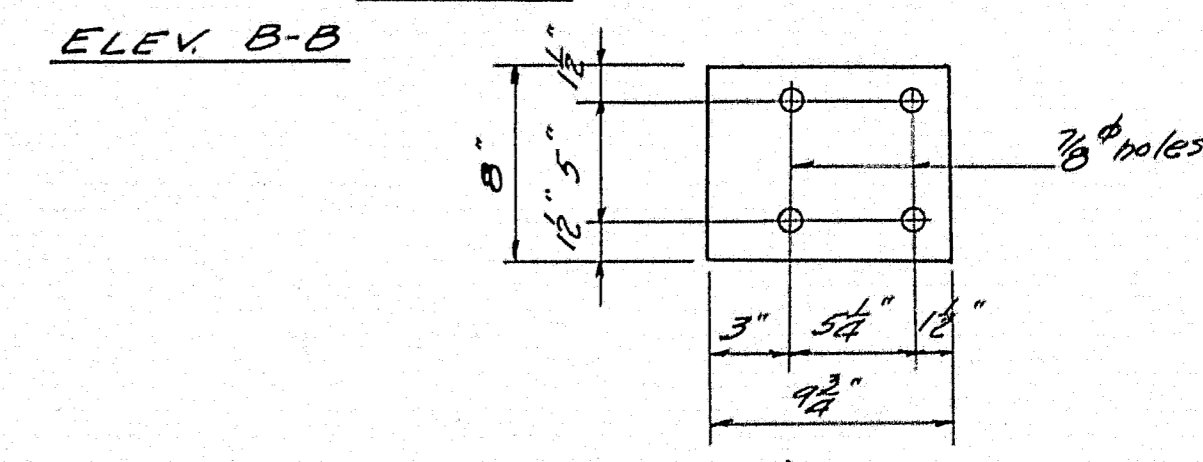


Rail Panel at Abutments
 2- Panels as shown 2'-9" high at Curb Rail
 4- Panels as shown 3'-0" high at outside and inside sidewalk rails.

- TYPICAL RAIL DETAILS -
 All material in rails shall be aluminum alloy. Similar castings may be substituted if approved by the Engineer. Complete rail details shall be furnished by the Contractor before fabrication is started.
 Payment for rail to be made under Item 805-0 "Aluminum Rail Tukeys Bridge".
 Note - Inside and Outside sidewalk rails are similar except as shown.

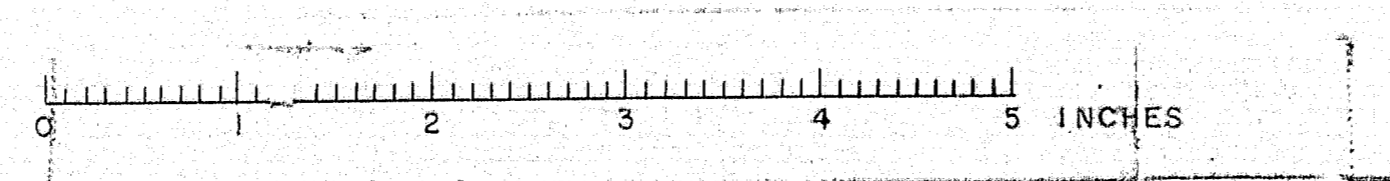


OUTSIDE SIDEWALK AND CURB RAILS ON ABUT. WING WALLS. TYPICAL



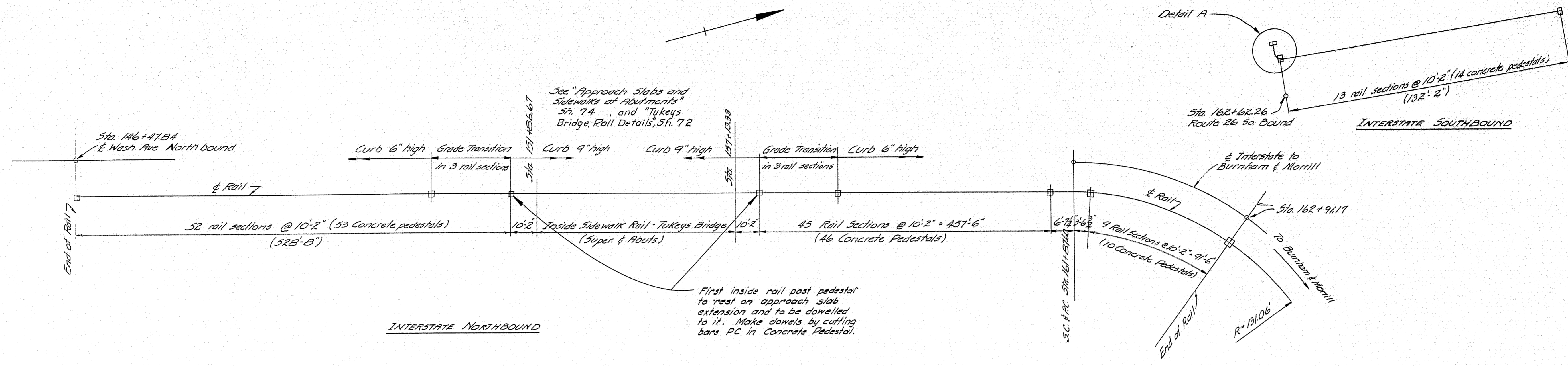
PLAN OF RAIL AND LIGHT POSTS
 All dimensions horizontal.

DESIGN - FERGUSON	BRIDGE NO.
TRACE - SAVAGE	SURVEY PLOT -
CHECK - B.B.F.	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
TUKEYS BRIDGE	
RAIL DETAILS	
SHEET 72 OF 166	AUGUSTA, MAINE OCT. 1957

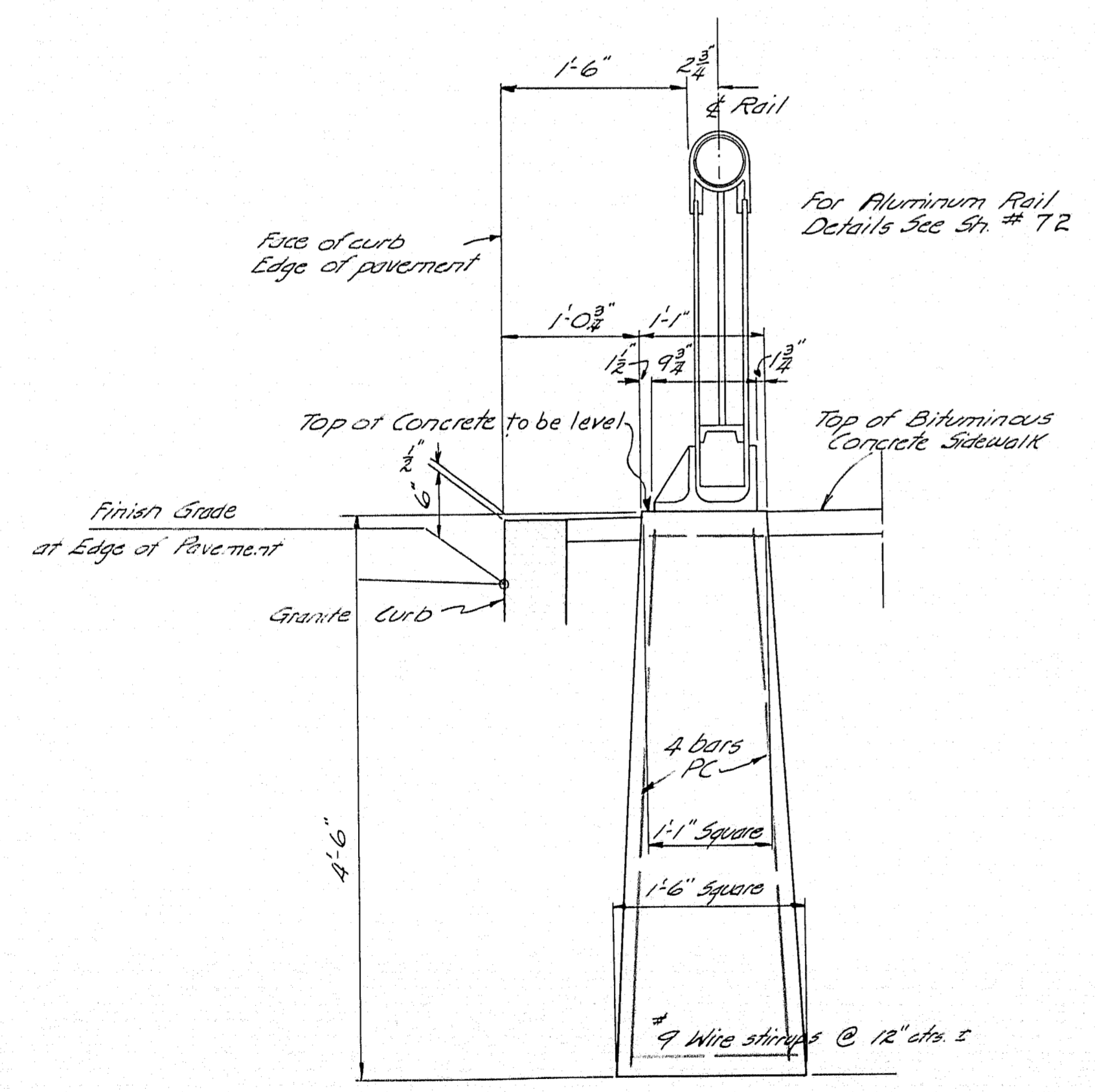


S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-002-1-00	73	166

I-B95-3(4) 50



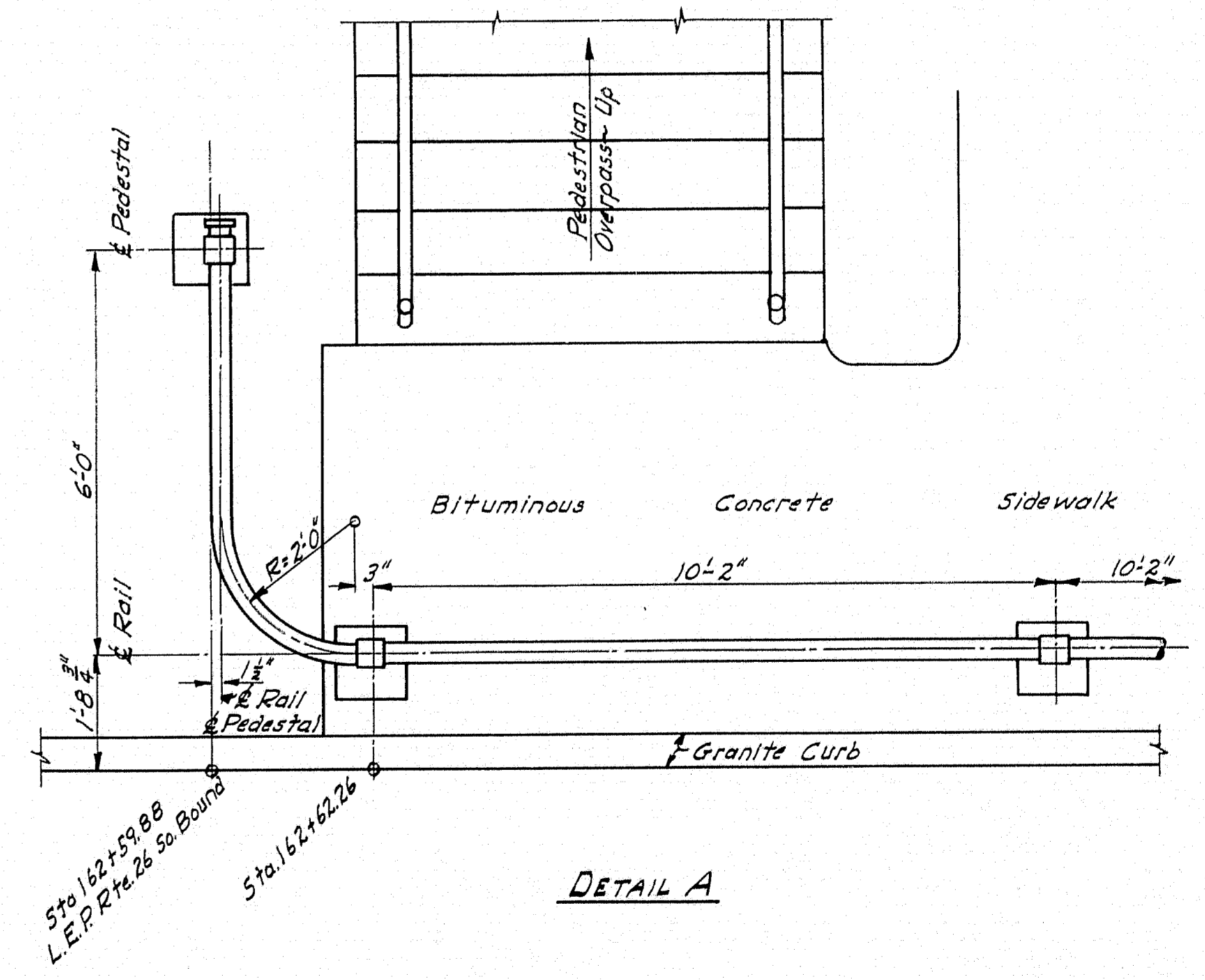
LAYOUT OF INSIDE SIDEWALK RAILS
No scale lengths along & Rail



CONCRETE PEDESTAL

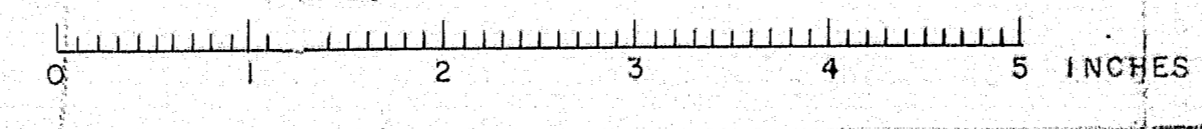
For supporting aluminum inside sidewalk rail on approaches - 12A required. Spacing of posts 10'-2" on centers.

NOTE: Aluminum Rail to be paid for under Item 805-B "Aluminum Rail, Tukeys Bridge." Concrete Pedestals to be paid for under Item 701-51. Cement and reinforcing steel to be paid for under their respective items.



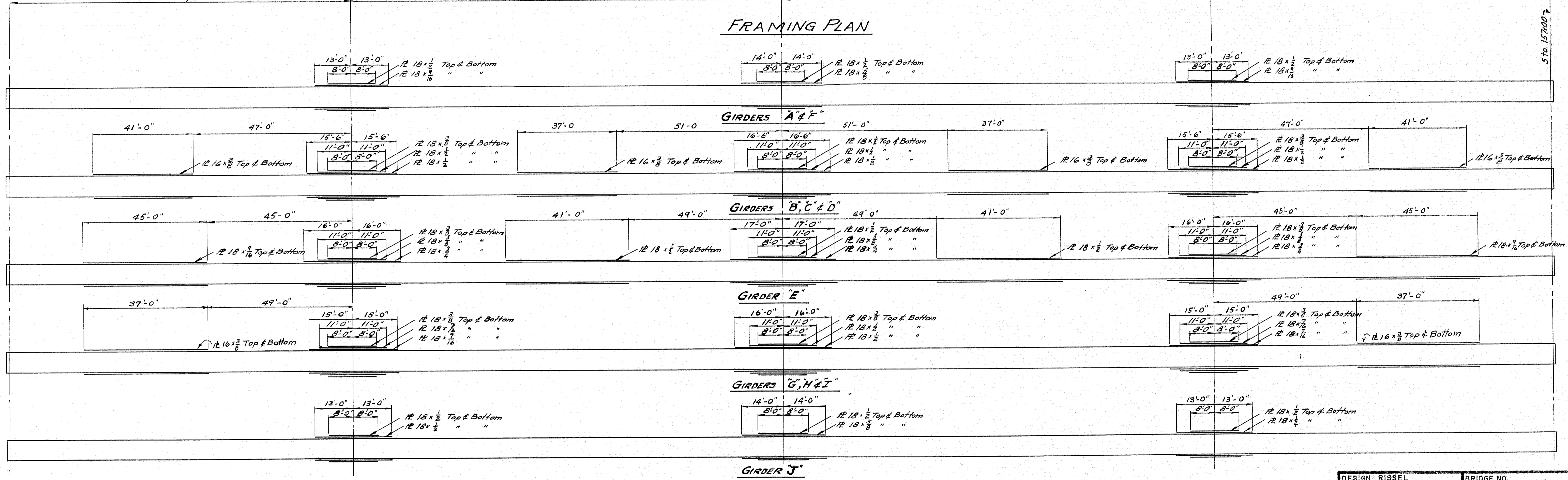
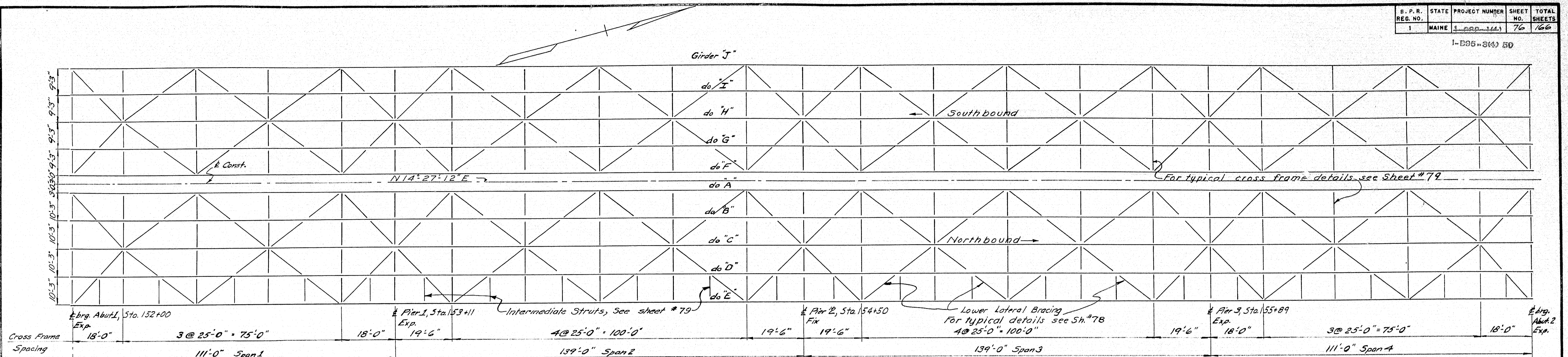
DETAIL A

DESIGN - EVERETT, RISSEL	BRIDGE NO.
TRACE - MURRELL	SURVEY
CHECK - <i>[Signature]</i>	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
INSIDE SIDEWALK RAIL - APPROACHES	
SHEET 73 OF 166 AUGUSTA, MAINE OCT. 1957	



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-895-3(6) 80	76	166

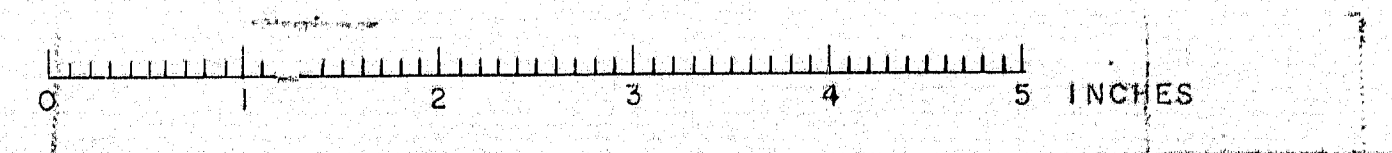
I-895-3(6) 80



All girders
 4-Flg. Ls 8x8x3/4
 Web Pl. 7/8x3/8
 C-6x3/4 b.b. Ls

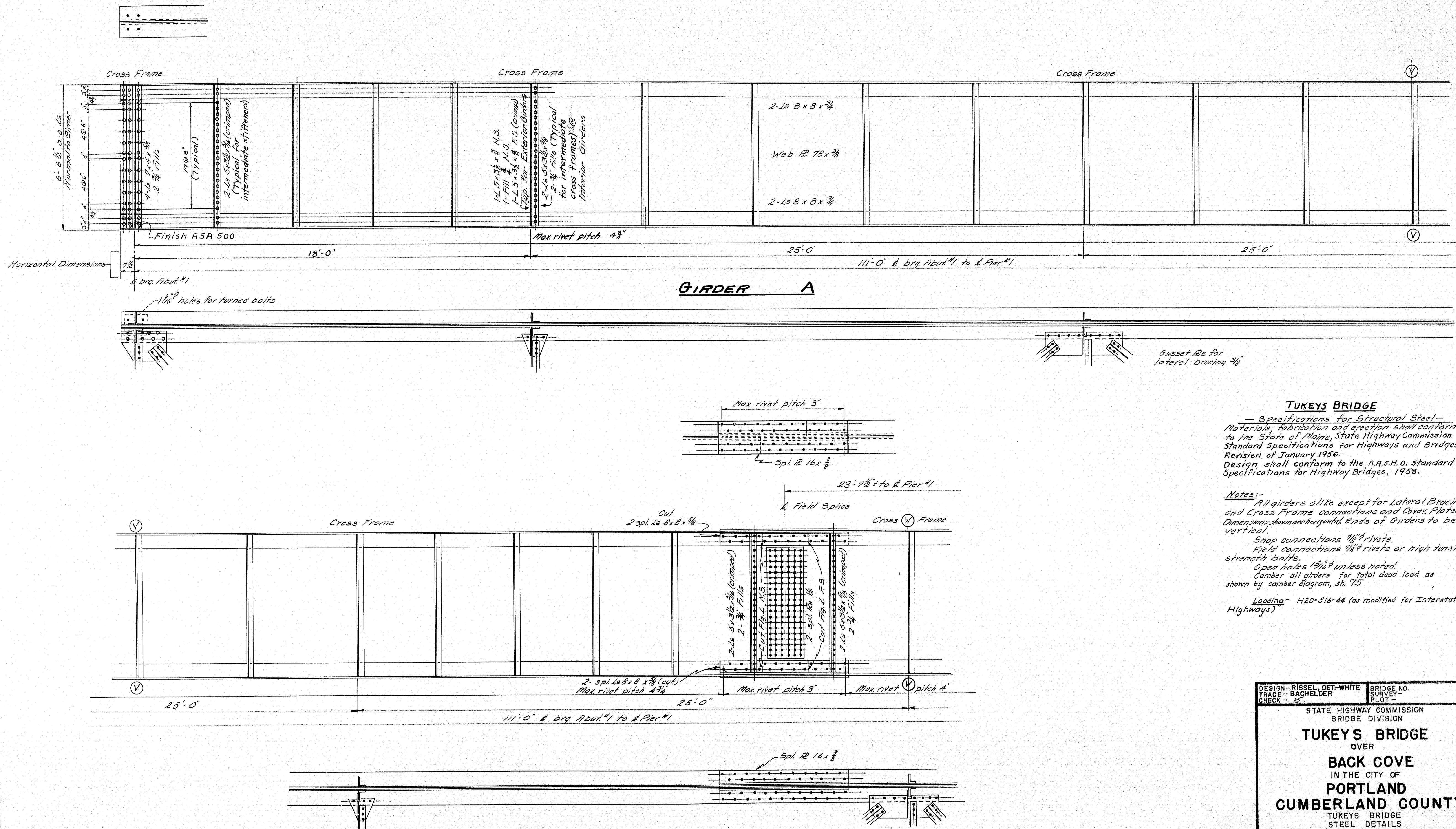
Note:
 All dimensions shown on this drawing are horizontal.

DESIGN - RISSEL	BRIDGE NO. SURVEY PLOT -
TRACE - GRAY	
CHECK -	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE	
OVER	
BACK COVE	
IN THE CITY OF	
PORTLAND	
CUMBERLAND COUNTY	
TUKEYS BRIDGE STEEL DETAILS	
SHEET 76 OF 166	AUGUSTA, MAINE
	OCT. 1957



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-882-144	77	166

1-B95-2(4) 60

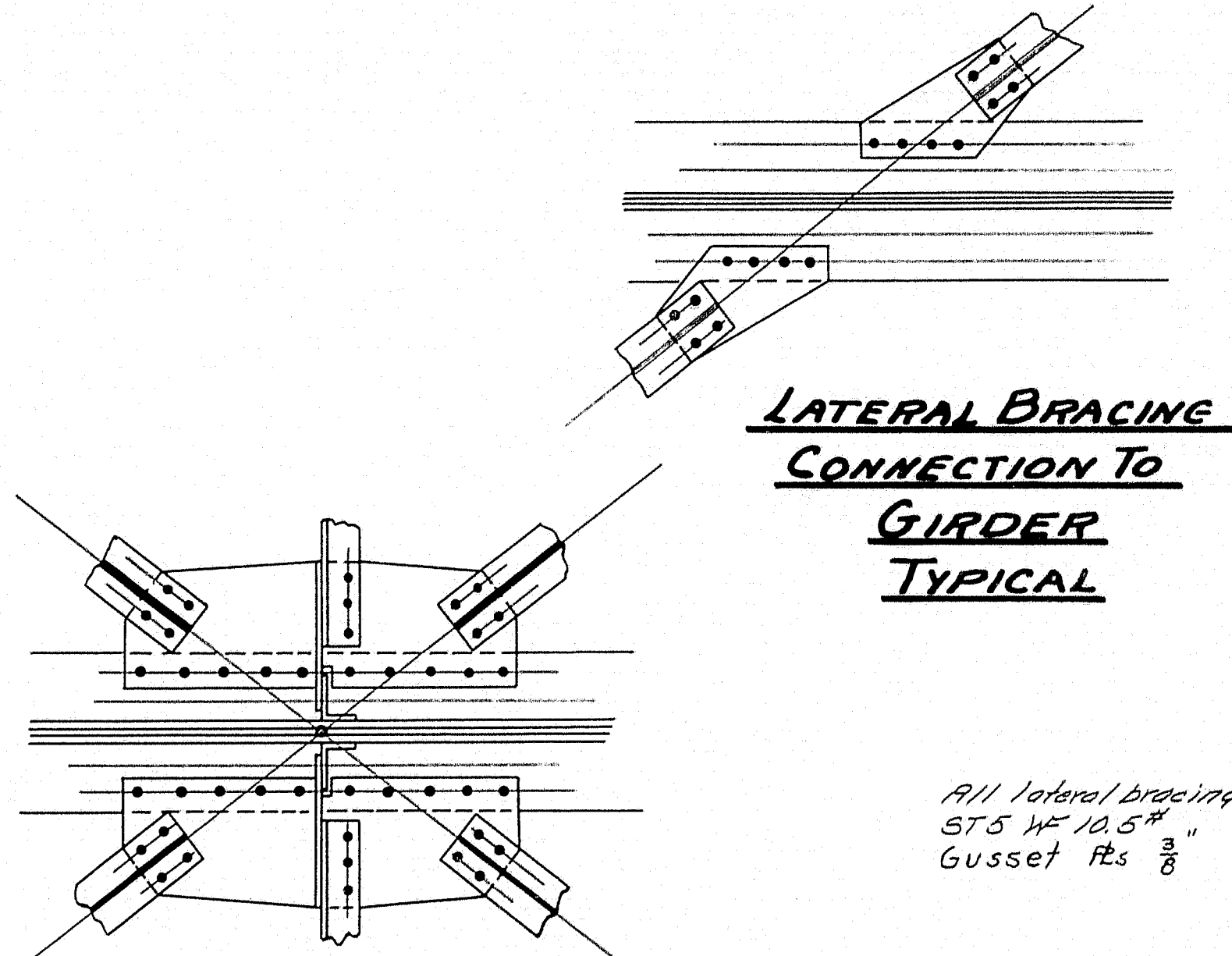
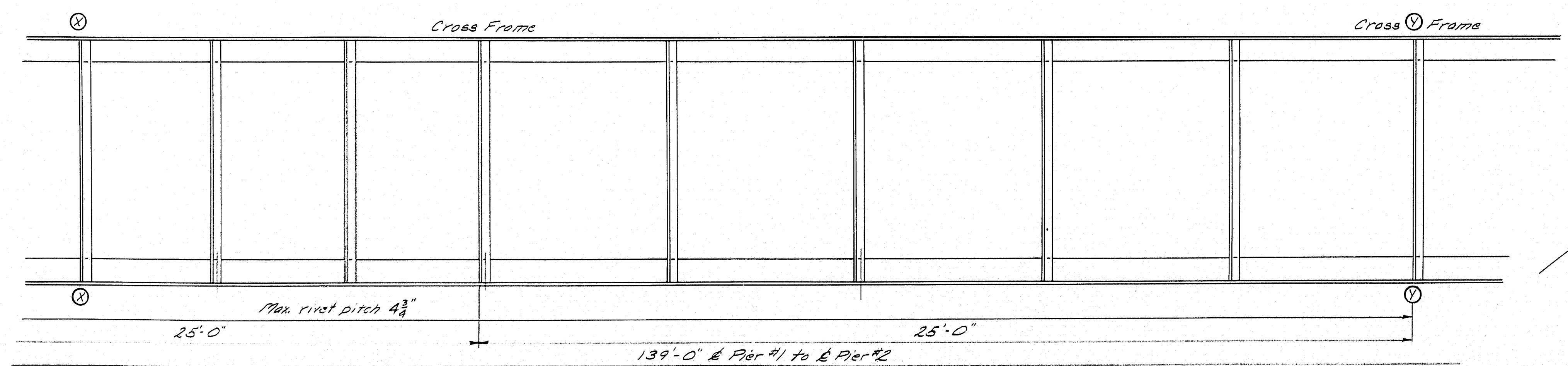
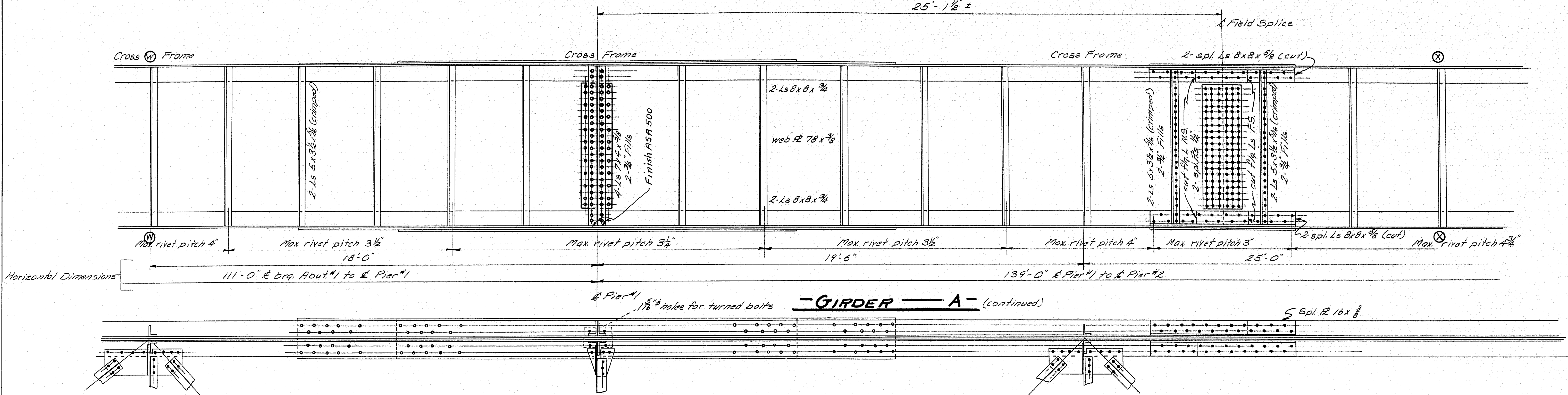
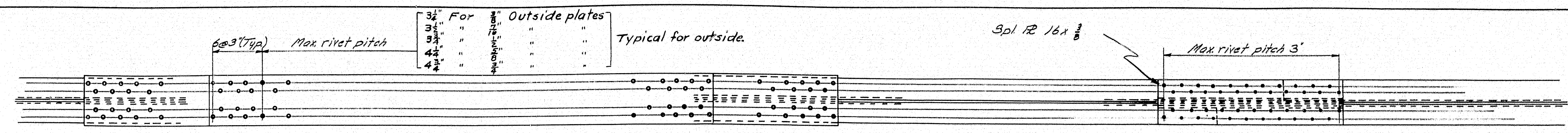


TUKEYS BRIDGE

— Specifications for Structural Steel—
 Materials fabrication and erection shall conform to the State of Maine, State Highway Commission Standard Specifications for Highways and Bridges, Revision of January 1956.
 Design shall conform to the A.A.S.H.O. standard Specifications for Highway Bridges, 1958.

- Notes:**
- All girders alike except for Lateral Bracing and Cross Frame connections and Cover Plates. Dimensions shall be horizontal. Ends of Girders to be vertical.
 - Shop connections $\frac{1}{8}$ " rivets.
 - Field connections $\frac{1}{8}$ " rivets or high tensile strength bolts.
 - Open holes $\frac{1}{8}$ " unless noted.
 - Camber all girders for total dead load as shown by camber diagram, sh. 75.
 - Loading—H20-516-44 (as modified for Interstate Highways)

DESIGN—RISSEL, DET.—WHITE	BRIDGE NO.
TRACE—BACHELDER	SURVEY—
CHECK—	PLOT—
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
TUKEYS BRIDGE OVER BACK COVE IN THE CITY OF PORTLAND CUMBERLAND COUNTY	
TUKEYS BRIDGE STEEL DETAILS	
SHEET 77 OF 166	AUGUSTA, MAINE
	OCT. 1957



All lateral bracing
ST5 WF 10.5"
Gusset Pls 3/8"

DESIGN - RISSEL	CHECK - R.
DETAIL - WHITE	BRIDGE -
TRACE - BACHELDER	

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
TUKEYS BRIDGE
OVER
BACK COVE
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
TUKEYS BRIDGE
STEEL DETAILS
SHEET 78 OF 166 AUGUSTA, MAINE OCT. 1957

