

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



BUREAU OF HIGHWAYS

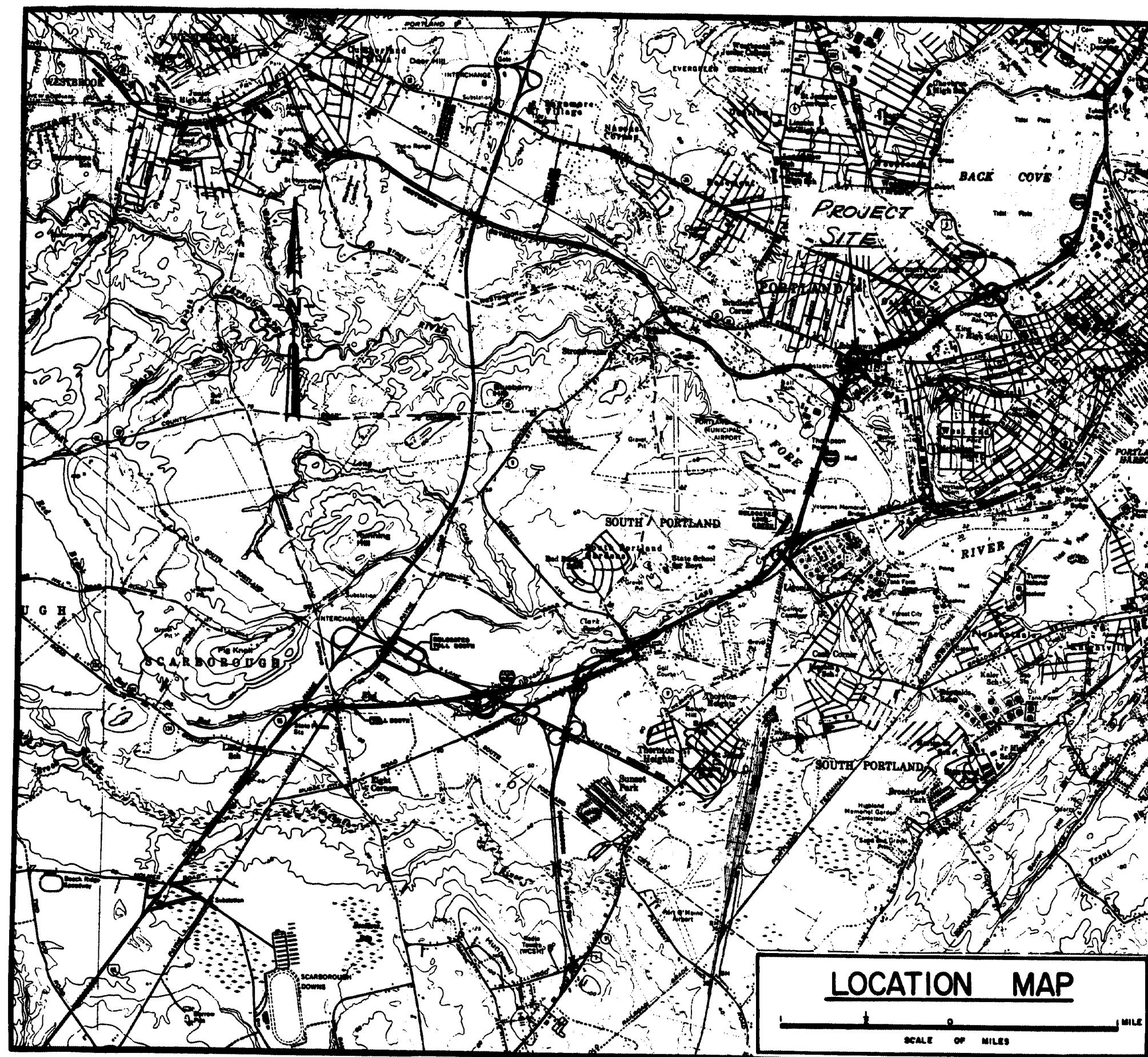
CITY OF PORTLAND
CUMBERLAND COUNTY
MAINE FEDERAL AID

PROJECT NO. I-295-3(6)48
TOTAL LENGTH 0.039 MILES

INTERSTATE 295
OVER
CONGRESS ST. & PARK AVE.

As Built 1972-1974 J.R.

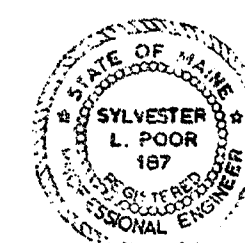
CONVENTIONAL SIGNS	
COUNTY LINES	---
TOWN LINES	---
PROPERTY LINES	---
R/W LINES - EXISTING	---
R/W LINES - NEW - ACCESS CONTROL	---
R/W LINES - NEW - NO ACCESS CONTROL	---
CULVERT - EXISTING	---
CULVERT - PROPOSED	---
CURBING - EXISTING	---
CURBING - PROPOSED	---
TRAVELLED WAY - EXISTING	---
TRAVELLED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



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40.	AUGUST 1969 (12) FIELD OFFICE

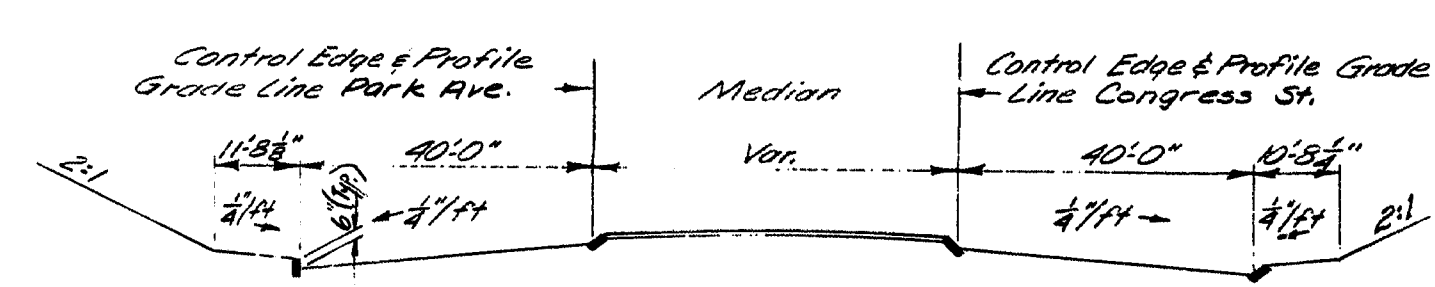
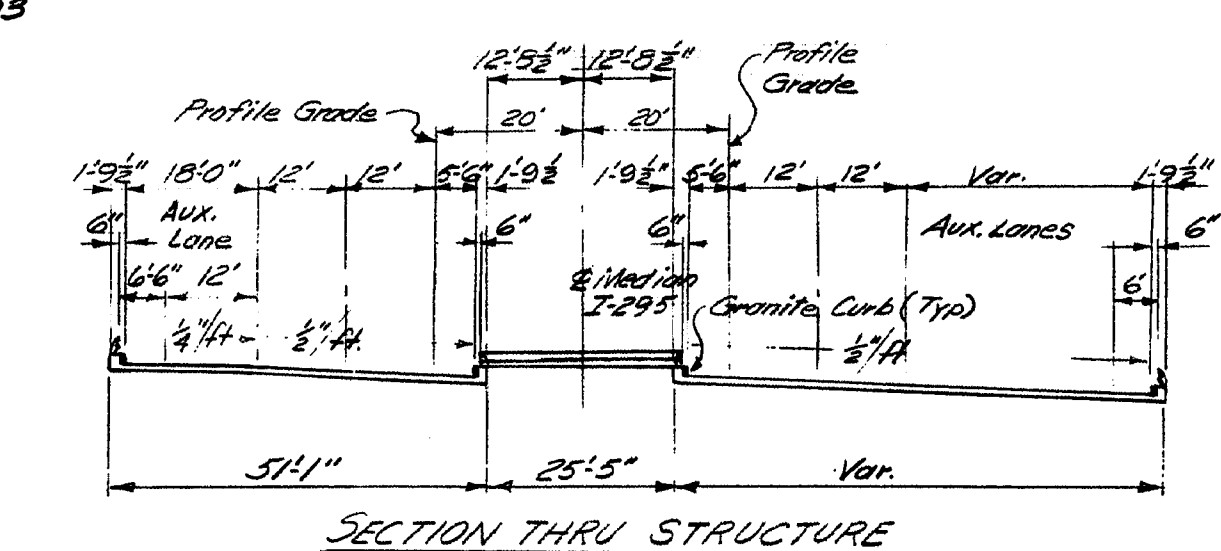
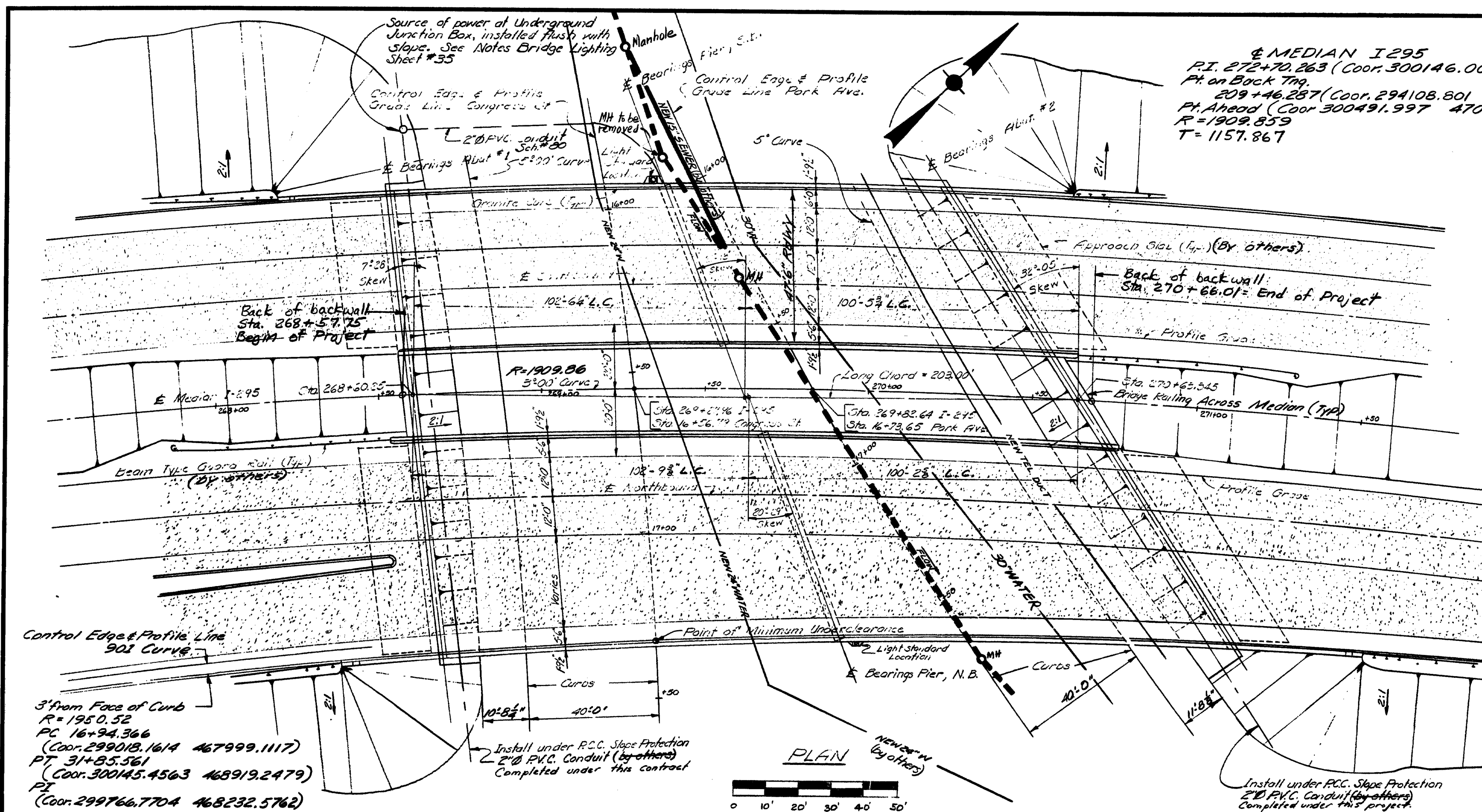
NOTE
ALL WORK CONTEMPLATED UNDER THIS CONTRACT
SHALL BE GOVERNED BY AND IN CONFORMITY WITH
THE STANDARD SPECIFICATIONS (REVISION OF
1968 AND SUPPLEMENTS THERETO, EXCEPT AS MOD-
IFIED ON THE PLANS AND IN THE SPECIAL PROVIS-
IONS.

APPROVED:
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
COMMISSIONER
Richard A. Justice
BUREAU DIRECTOR
Sylvester L. Poor
CHIEF ENGINEER



UNITED STATES
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 1
APPROVED:
DIVISION ENGINEER
DATE

150-195



TRAFFIC DATA

	PARK Ramp CST	CONGRESS W/O Median St.	I-295 between Congress & Interchange
ADT 1972	11,285	9,090	33,580
ADT 1992	14,365	10,100	51,760
DHV	1,580	1,010	5,176
T	5%	5%	5%
V	30mph	30mph	50mph

SPECIFICATIONS

Design: AASHTO Standard Specifications for Highway Bridges, 1989
with Interim Revisions, 1970, 1971, 1972
Contract: Maine State Highway Commission, Standard Specifications for
Highways and Bridges, November of June, 1982

LIVE LOADING

HS20-44 as modified for Interchange

ALLOWABLE STRESSES

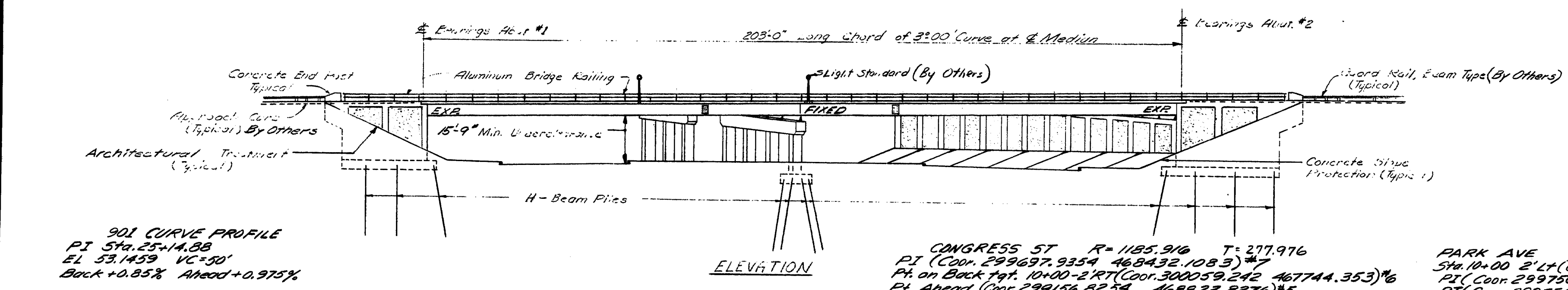
Concrete - $f'_c = 4000$ psi, $f_r = 10$
Steel - $f_y = 50,000$ psi
Struct. Steel - $f_y = 50,000$ psi
ASTM - G20 $f_y = 50,000$ psi
ASTM - A36 $f_y = 36,000$ psi

CONCRETE CLASSIFICATION

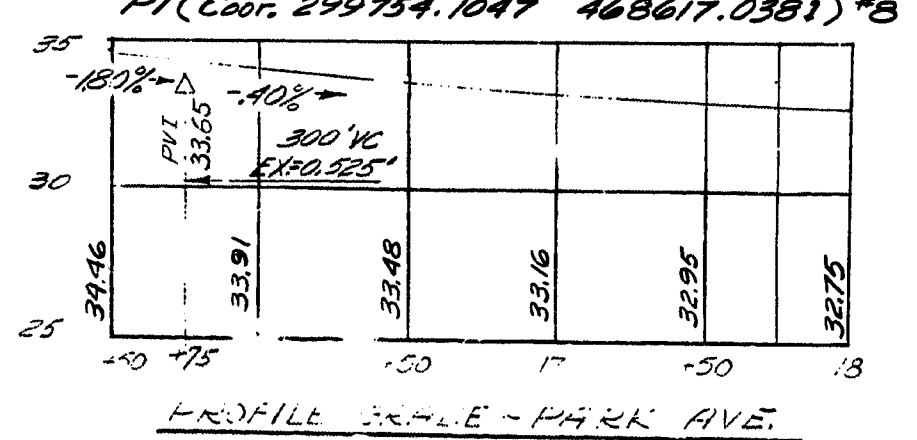
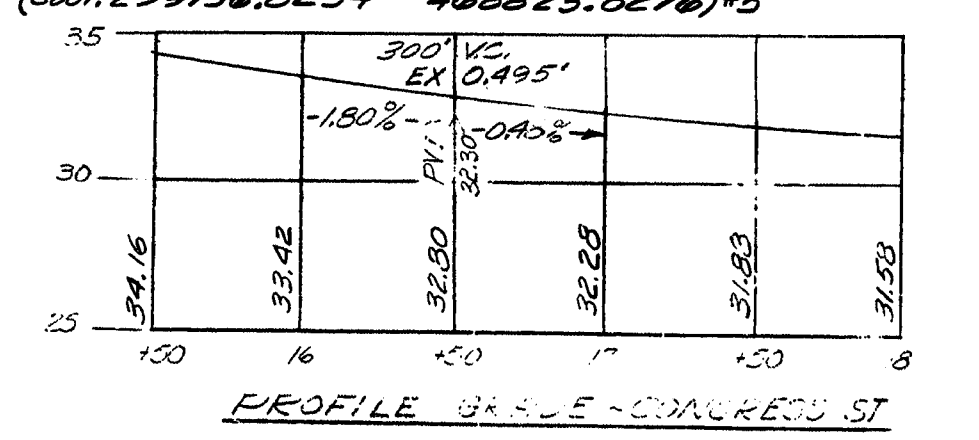
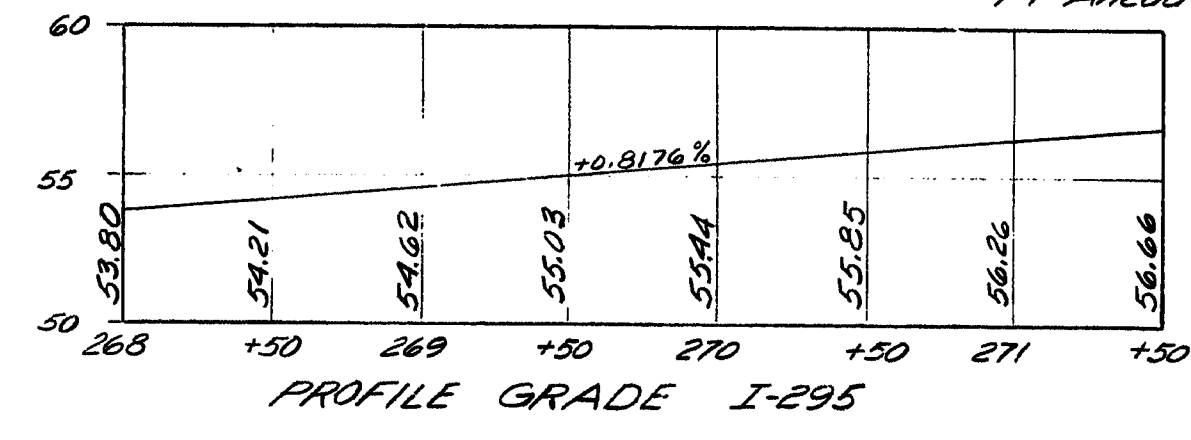
Concrete with Reinforcing - Class A
Reinforcing - Class A

STEEL CLASSIFICATION

See sheet #19



901 CURVE PROFILE
PI Sta. 25+14.88
EI 53.1459 VC=30'
Back +0.85% Ahead +0.975%

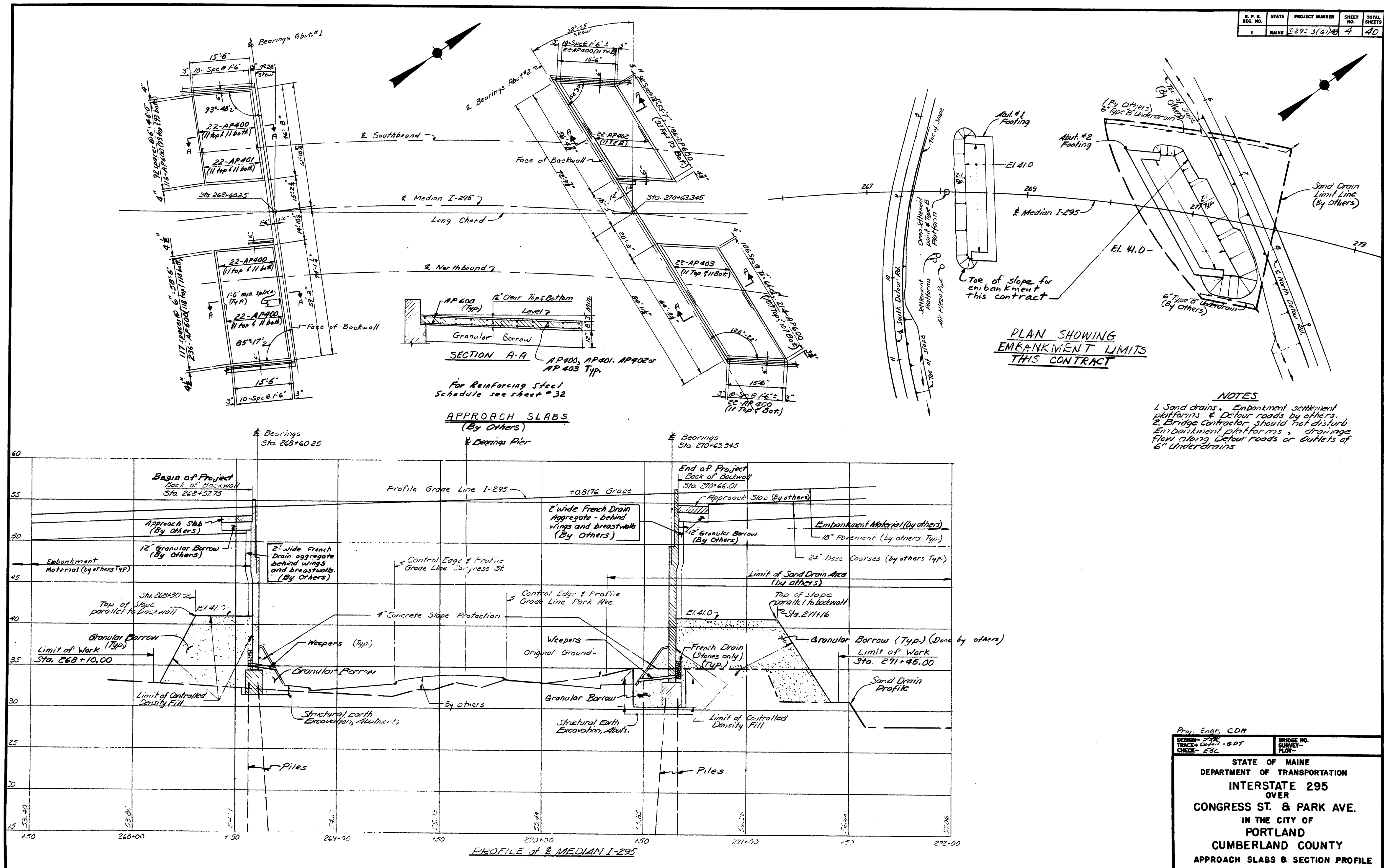


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
INTERSTATE 295
OVER
CONGRESS ST. & PARK AVE.
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
GENERAL PLAN

SHEET 3 OF 40 AUGUSTA, MAINE MAY 1972

150-197

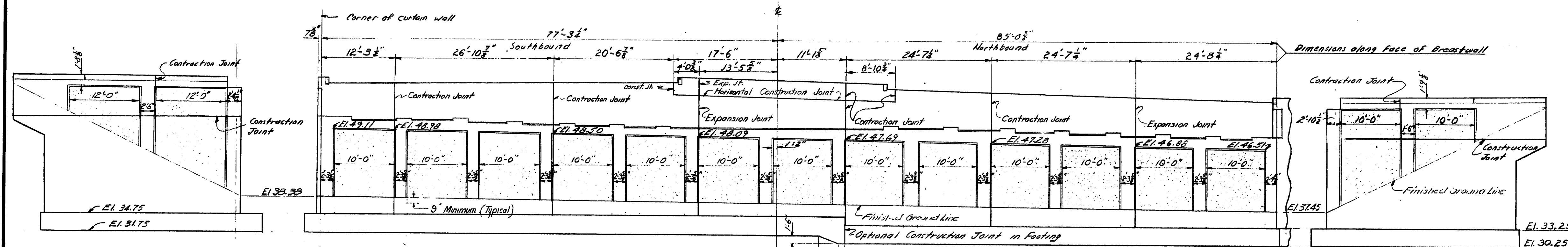
S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-295 3(6)40	4	40



DESIGN - EDC		BRIDGE NO.	
TRACE - DPT		PLOT -	
CHECK - EDC			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
INTERSTATE 295			
OVER			
CONGRESS ST. & PARK AVE.			
IN THE CITY OF			
PORTLAND			
CUMBERLAND COUNTY			
APPROACH SLABS & SECTION PROFILE			
SHEET 40 40 AUGUSTA, MAINE MAY 1972			

150-198

S. P. E. DES. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I 295-3(1)18	5	40



ARCHITECTURAL TREATMENT NOTES

All surfaces so designated on the plans shall be sandblasted. These surfaces shall be carried to a minimum depth of nine (9) inches below the finished ground.

Special care shall be exercised so that form joints at the exposed face of concrete shall be tight.

Before sandblasting, all fins and projections in the concrete shall be removed and all holes patched to create a surface of uniform texture. In order to insure a consistent surface texture for the creeps to be architecturally treated, concrete aggregate shall be from the same source and Portland Cement shall be from the same manufacturer throughout the entire placement of the abutment wings and breastwall.

At the time the concrete is placed, the contractor shall cast three (3) sample slabs (2' x 4'). Prior to

NOTES (continued)

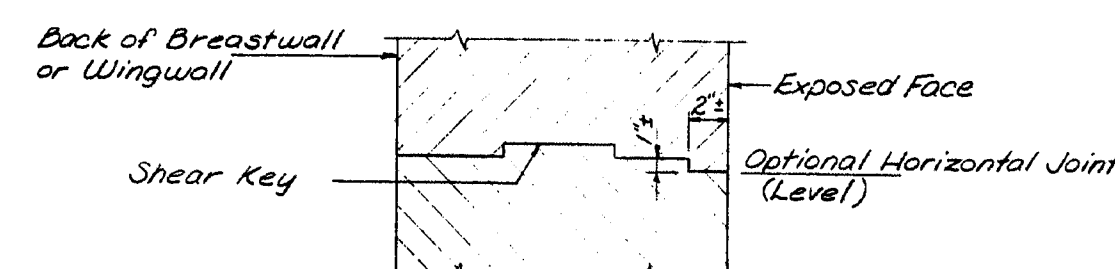
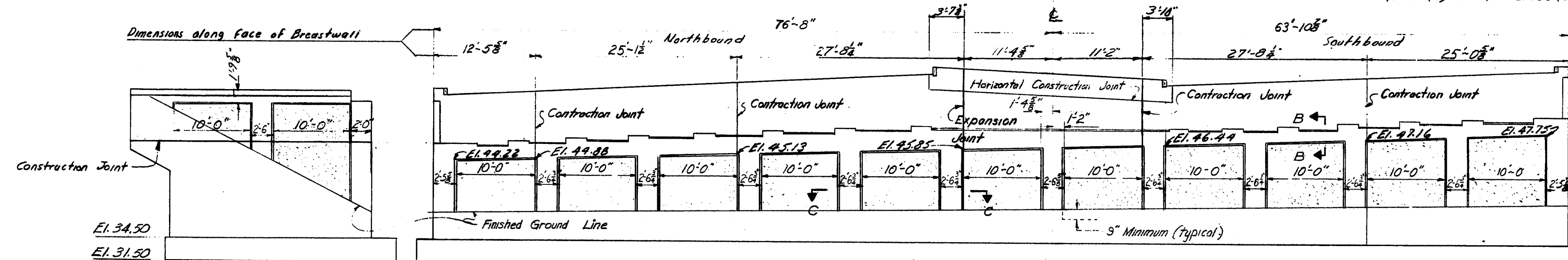
sandblasting, the samples shall be sandblasted, each to different degrees of penetration with a maximum depth of 1/2 inch, approximately, and under the direction of the Engineer. The most desirable sample will be chosen by the Engineer, and the designated areas shall be sandblasted to match this sample.

Concrete shall not be sandblasted for a least 28 days after placement.

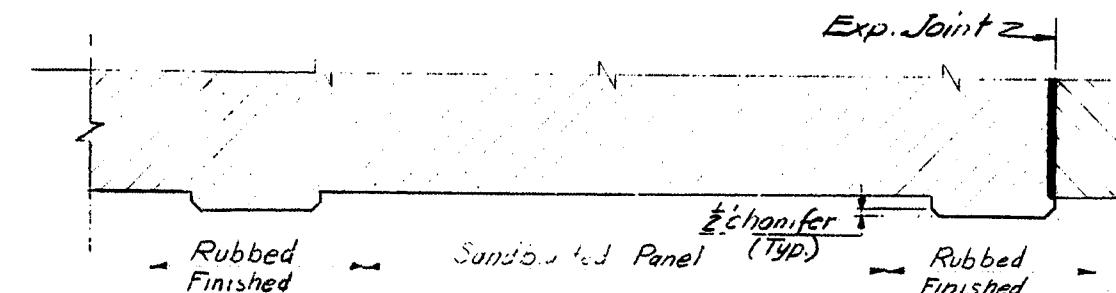
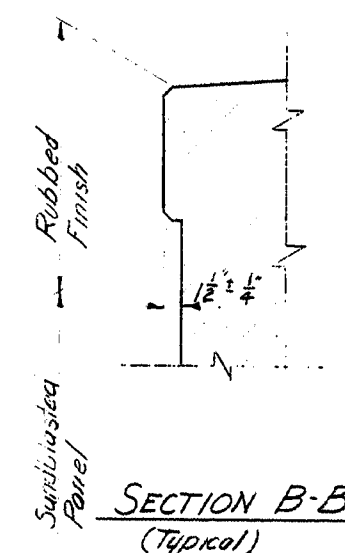
The contractor shall take all the necessary steps to protect materials and equipment from damage by the sandblasting operation. Personnel shall be properly equipped: sandblast hood, for respirator and respirators and goggles for all other personnel exposed to dust.

Payment for the sandblasting shall be included in the contract unit price for Item 502.26, "Structural Concrete Abutments and Retaining Walls."

If horizontal construction joints are used in placing concrete in the breastwalls or wingwalls, exposed faces formed as shown in Detail 'A' or in a similar manner approved by the Engineer.



DETAIL "A"
See Note 1



DESIGN - CDH	BRIDGE NO.
TRACE - KJ	SURVEY -
CHECK - BLC	PLAT -
STATE OF MAINE DEPARTMENT OF TRANSPORTATION INTERSTATE 295 OVER CONGRESS ST. & PARK AVE. IN THE CITY OF PORTLAND CUMBERLAND COUNTY ARCHITECTURAL TREATMENT	
SHEET 5 OF 40 AUGUSTA, MAINE MAY 1972	

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