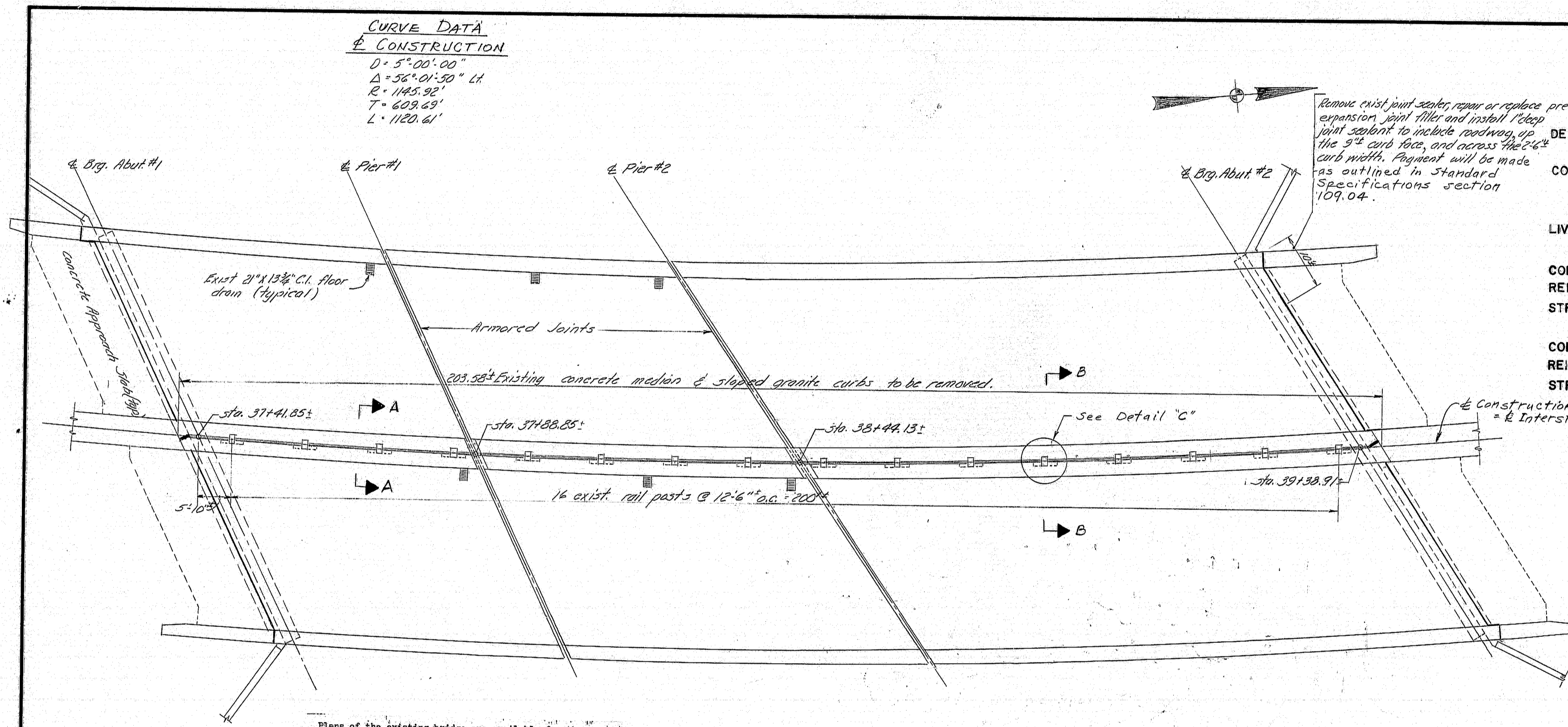


**CURVE DATA
E CONSTRUCTION**
 D = 5°00'00"
 Δ = 56°01'50" LH
 R = 1443.92'
 T = 609.49'
 L = 1120.61'

F.P.M.S. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-295-3(93)	37	34



Remove exist. joint seals, repair or replace perforated expansion joint filler and install 10 deep joint sealant to include roadway up the 2" and 10", and across the 6"± curb width. Payment will be made as outlined in Standard Specifications section 109.04.

SPECIFICATIONS
 DESIGN: AASHTO, Specifications for Highway Bridges, 1973; and Interim Specifications 1974, 75, 76 & 77.
 CONTRACT: State of Maine, State Highway Commission, Standard Specifications, Highways and Bridges, Revision of June 1968.

DESIGN LOADING
 LIVE LOAD: HS20-44, as Modified for Interstate Loading.

MATERIALS
 CONCRETE: _____ Class AA
 REINFORCING STEEL: _____ ASTM A615 Grade 60
 STRUCTURAL STEEL: _____ ASTM A36

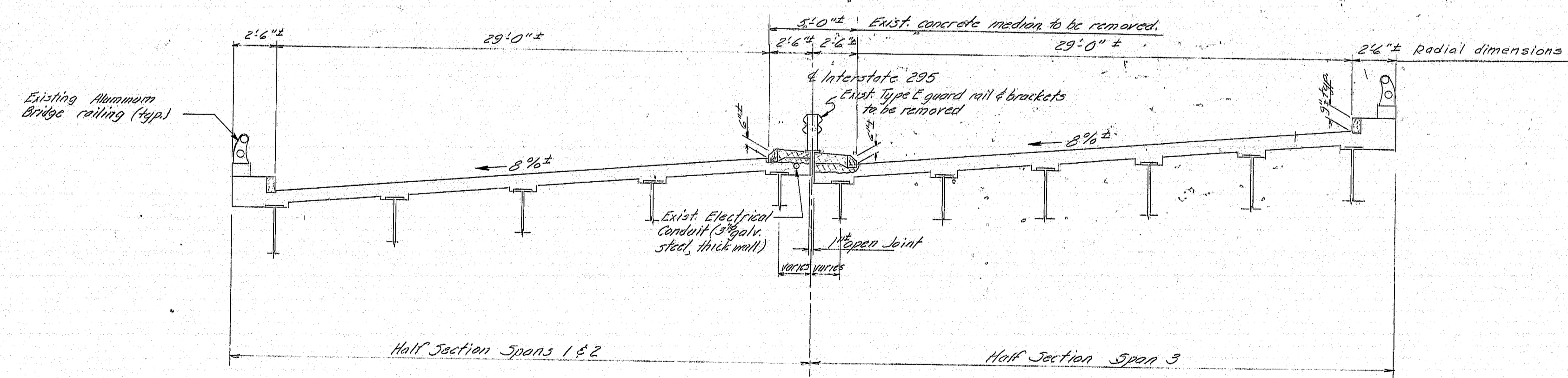
BASIC ALLOWABLE STRESSES
 CONCRETE: _____ $f_c = 1200$ psi $n = 10$
 REINFORCING STEEL: _____ $f_s = 24,000$ psi
 STRUCTURAL STEEL: ASTM A36 _____ $f_s = 20,000$ psi

TRAFFIC DATA
 ADT 1979 = 28,545 $F = 8\%$
 ADT 1999 = 33,920 $D = 60\%$
 DHV = 24.80 $V = 70$ mph

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
202.12	Removal of Exist. Struct. Concrete	C.Y.	43
302.42	Struct. Conc. Form & Strike Slabs on St Bridge	C.Y.	24
503.12	Reinfr. Steel Fabricated & Delivered	Lb.	1095
503.13	Reinfr. Steel, Placement	Lb.	1095
508.14	Membrane Waterproof - Epoxy Prim. Sealer	S.Y.	135
314.04	Curing Box for Concrete Cylinders	Each	1
515.20	Protective Coating for Concrete Surfaces	S.Y.	274
606.19B	Guard Rail Beam	L.F.	24
606.36A	Guard Rail, Rem. Modify & Reset Type 3B	L.F.	194
629.02	Labor, Straight Time	M.Hr.	10
631.10	Air Compressor (incl. operator)	M.Hr.	10
631.11	Air Tool (incl. operator)	M.Hr.	10
631.17	Truck - Small (incl. operator)	M.Hr.	10
631.22	Front End Loader (incl. operator)	M.Hr.	10

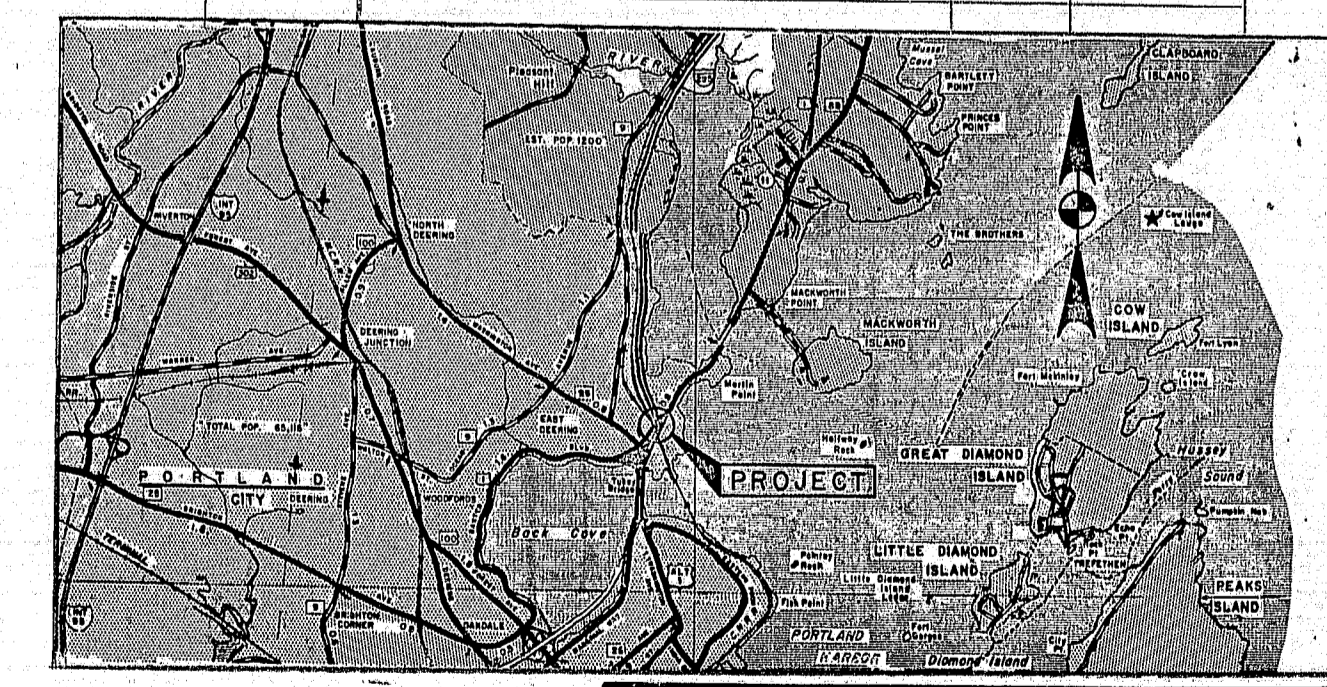
Plans of the existing bridge are available for the Contractor's reference at the Bridge Design Office in Augusta. The plans are reproductions of original drawings as prepared for the construction of the bridge and it is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

Scale
 PLAN (Existing Median)



TRANSVERSE SECTION
 (EXISTING)

INDEX OF BRIDGE SHEETS	
1	GENERAL PLAN & QUANTITIES
2	GUARD RAIL & MEDIAN DETAILS
3	APPROACH SLABS, REINFORCING STEEL & SLAB REPAIRS



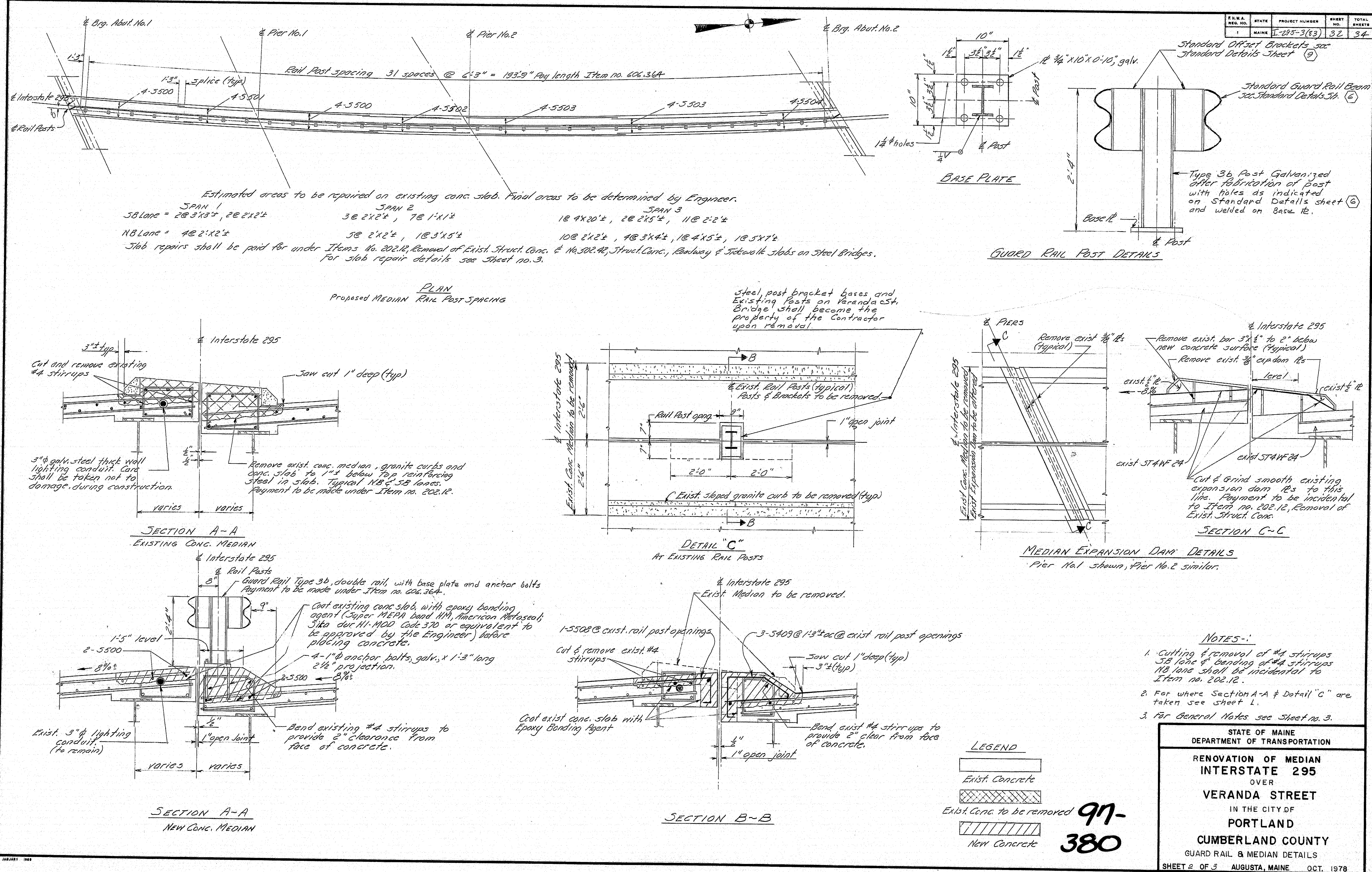
LOCATION MAP
 Scale in Miles

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 RENOVATION OF MEDIAN
 INTERSTATE 295
 OVER
 VERANDA STREET
 IN THE CITY OF
 PORTLAND
 CUMBERLAND COUNTY
 GENERAL PLAN & QUANTITIES
 SHEET 1 OF 3 AUGUSTA, MAINE OCT. 1978

NOTES:
 For Sections A-A, B-B and Detail "C" see sheet 8.
 For General Notes see sheet 10.3

97-379

PROJECT DESIGN ENGINEER	DATE
BY	12-12-78
CHECKED	12-12-78
REVISIONS	
FIELD CHANGES	

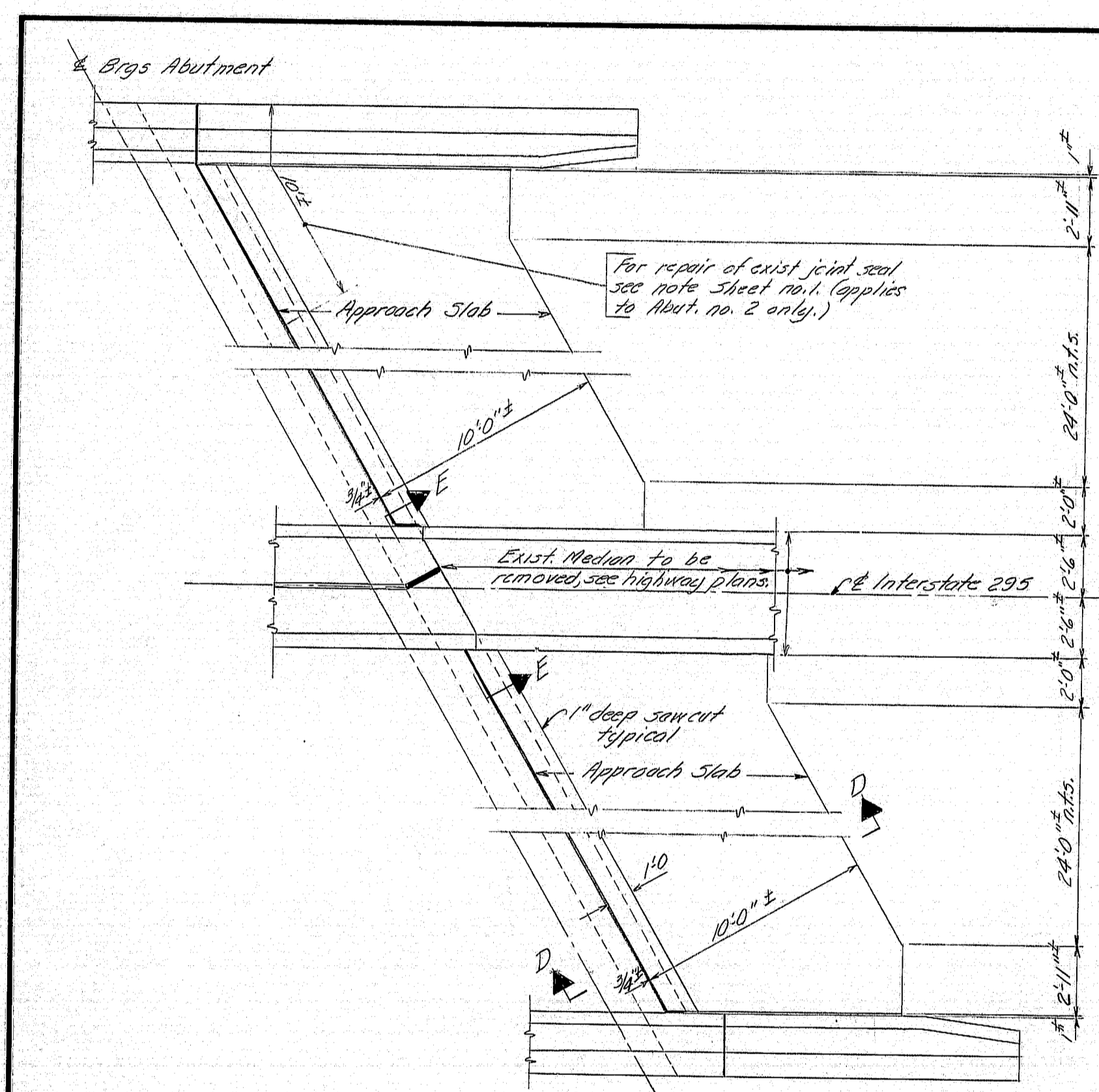


DATE	BY	REVISIONS
10/1/78	ADH	FIELD CHANGES
10/1/78	ADH	REVISIONS
10/1/78	ADH	CHECKED
10/1/78	ADH	DESIGN - DETAILED
10/1/78	ADH	PROJECT DESIGN ENGINEER - C.S.V.

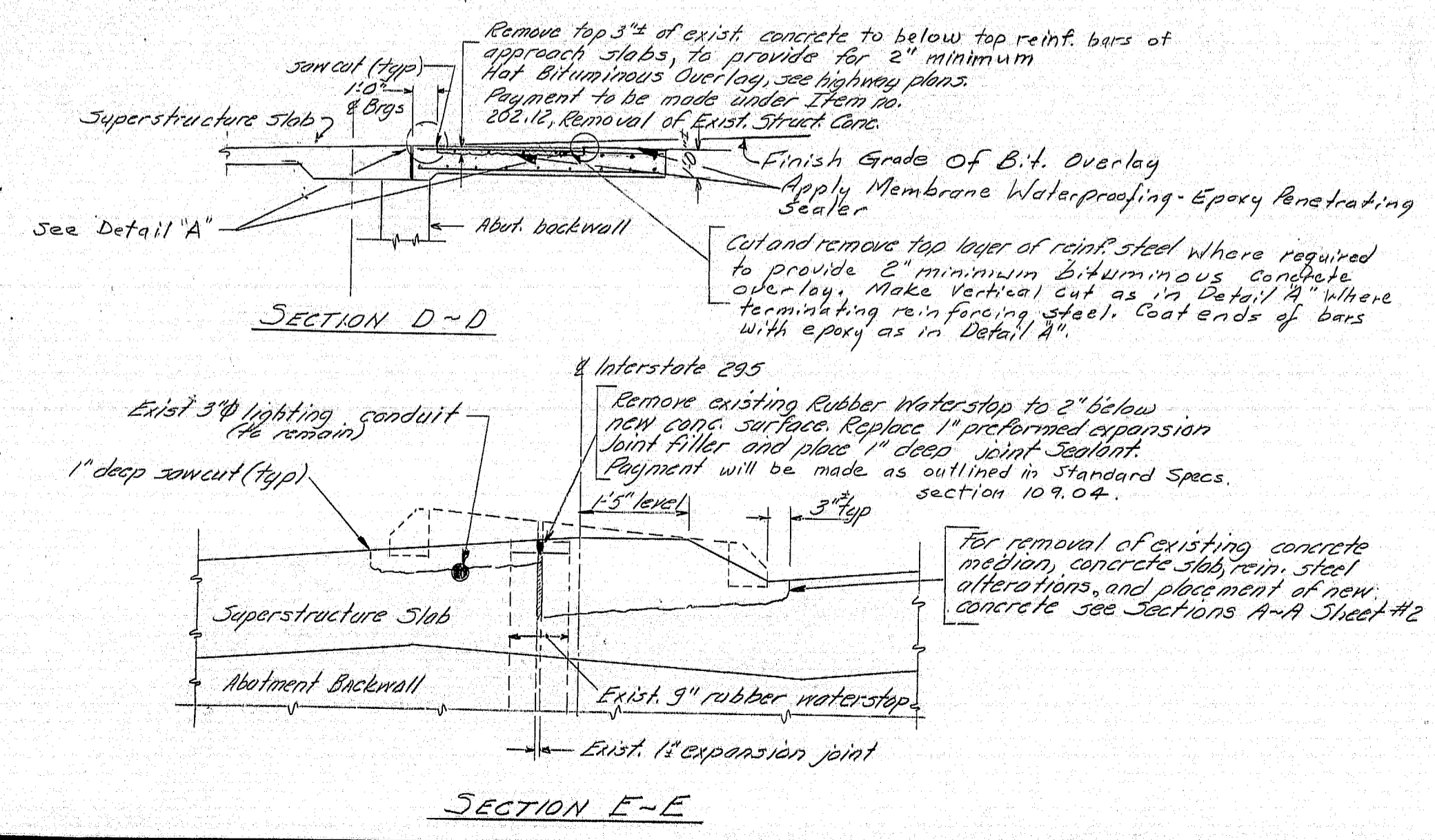
97-380

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RENOVATION OF MEDIAN
INTERSTATE 295
OVER
VERANDA STREET
IN THE CITY OF
PORTLAND
CUMBERLAND COUNTY
GUARD RAIL & MEDIAN DETAILS
SHEET 2 OF 3 AUGUSTA, MAINE OCT. 1978

PROJECT DESIGN ENGINEER - CDJ	DATE
DESIGN - DETAILER - E.B. BROWN	10/17/78
CHECKED - CDJ	
REVISIONS	
FIELD CHANGES	



PLAN APPROACH SLABS ABUTMENT NO. 2
Abutment No. 1 Similar



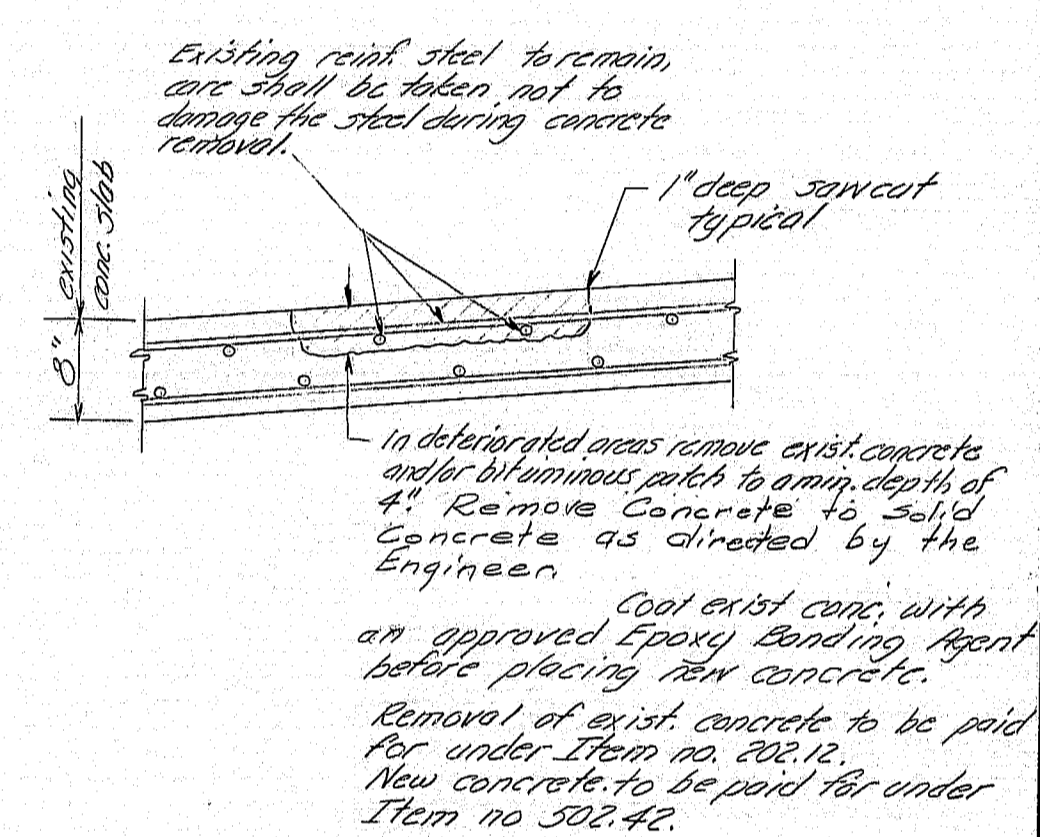
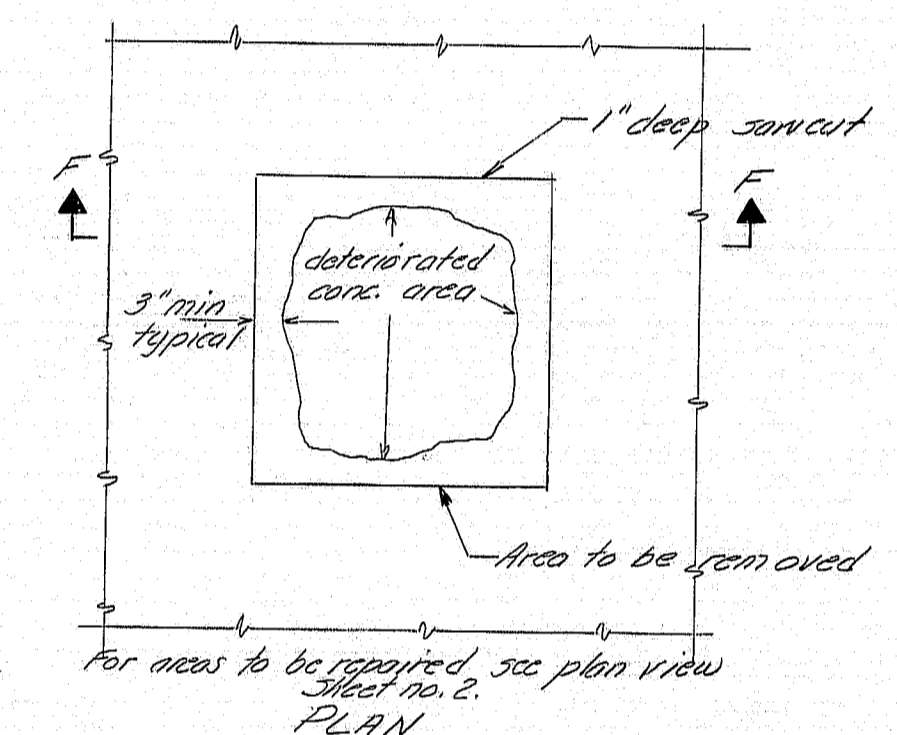
REINFORCING STEEL SCHEDULE

STRAIGHT BARS			
MARK No.	LENGTH	LOCATION	
5500	30'-0"	Spans 1 & 2	
5501	21'-4"	Span 1	
5502	26'-2"	Span 2	
5503	40'-0"	Span 3	
5504	20'-1"	Span 3	

BENT BARS			
MARK No.	LENGTH	LOCATION	
5508	3'-6"	1ea @ Rail Post opps SB lane	
5409	5'-4"	3ea @ Rail Post opps NB lane	

BENDING DIAGRAMS

All dimensions are out to out of reinf. bar.
Bending details and hooks shall conform to the recommendations of ACI Standard 318-65.
Reinforcing bar ASTM A615 Grade 60.
First digit following the letter of the Mark indicates size of reinf. bar.
MARK (5500) bar size = #5



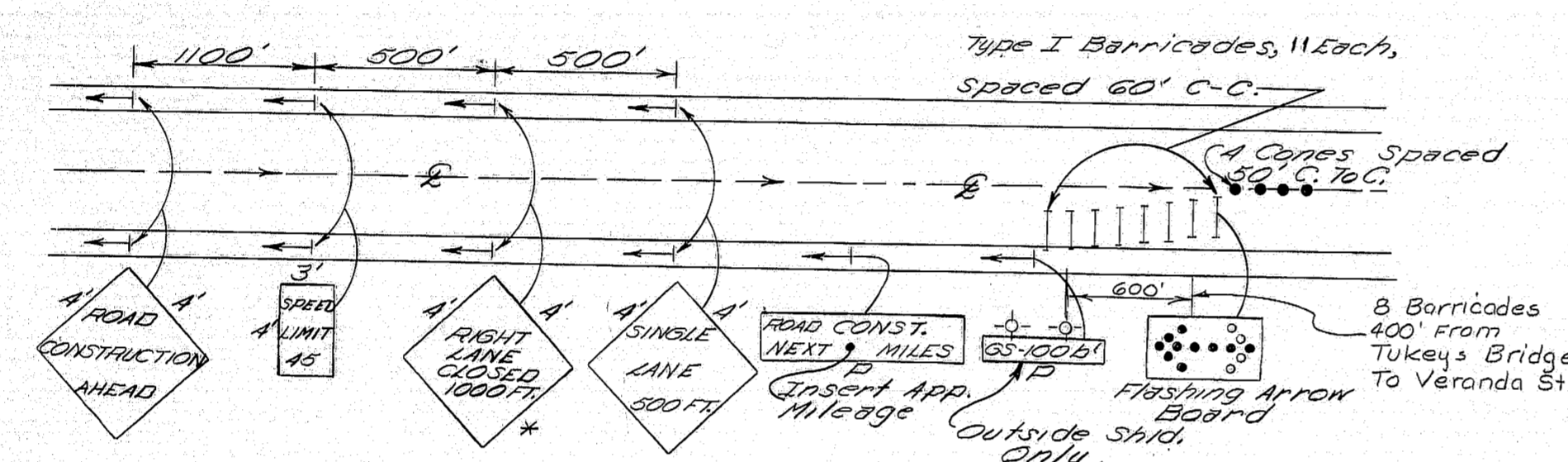
DETAILS OF CONCRETE REPAIRS TO SLAB

- GENERAL NOTES**
- Chamfer all exposed edges of concrete a consistent dimension between 1/8" and 3/4" inclusive, unless otherwise noted.
 - Reinforcing steel shall have a minimum cover of 2" unless otherwise indicated.
 - Protective Coating for Concrete Surfaces shall be applied to all new concrete surfaces in Median (to include top, underneath of deck and 1" open joint), Abutment backwalls and repair patches in slab.
 - All sawcuts required in the existing concrete will be considered incidental to Item no. 202.12, Removal of Existing Structural Concrete.
 - All Epoxy bonding of new concrete to existing concrete will be considered incidental to Item no. 202.42, Structural Concrete, Roadway and Side walk Slabs on Steel Bridges.

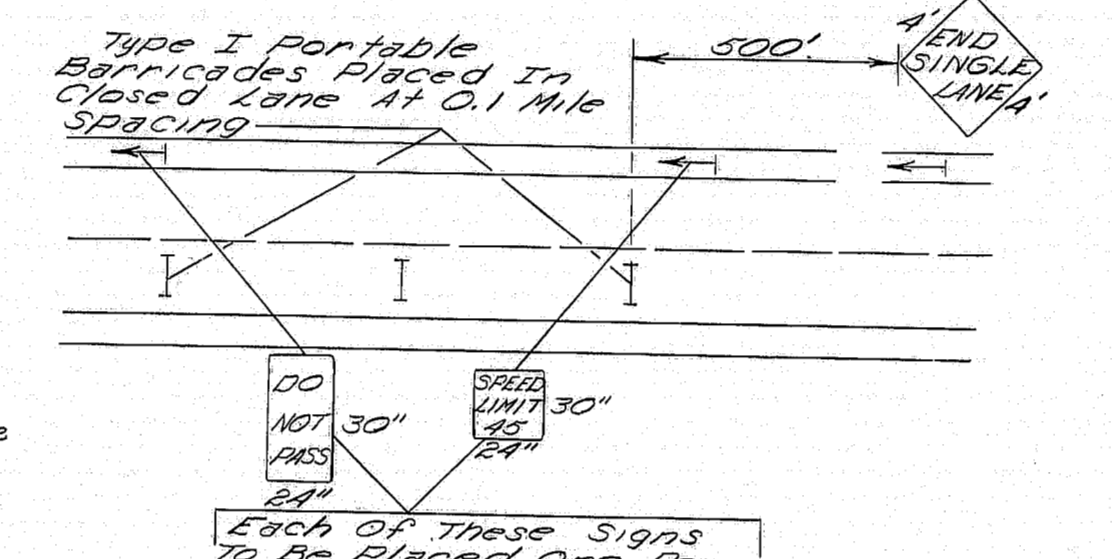
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
**RENOVATION OF MEDIAN
INTERSTATE 295
OVER
VERANDA STREET**
IN THE CITY OF
**PORTLAND
CUMBERLAND COUNTY**
APPROACH SLABS, REINFORCING STEEL
& SLAB REPAIRS
SHEET 3 OF 3 AUGUSTA, MAINE OCT. 1978

97-381

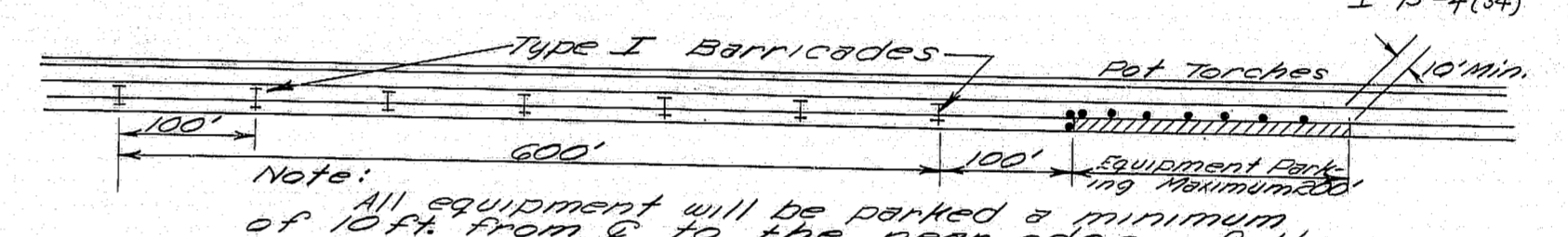
REV. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-295-3(83)	34	34



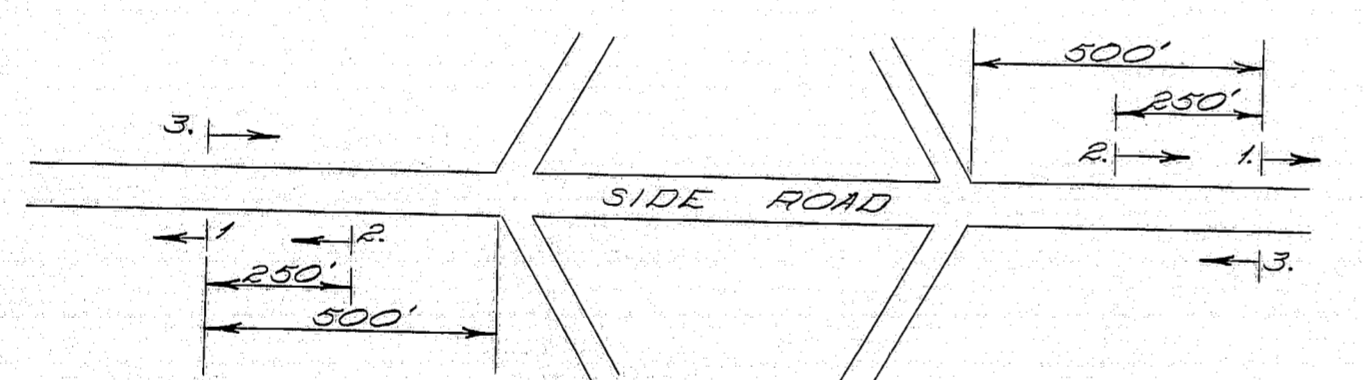
TYPICAL SIGNING DETAIL TO CLOSE A LANE (1)



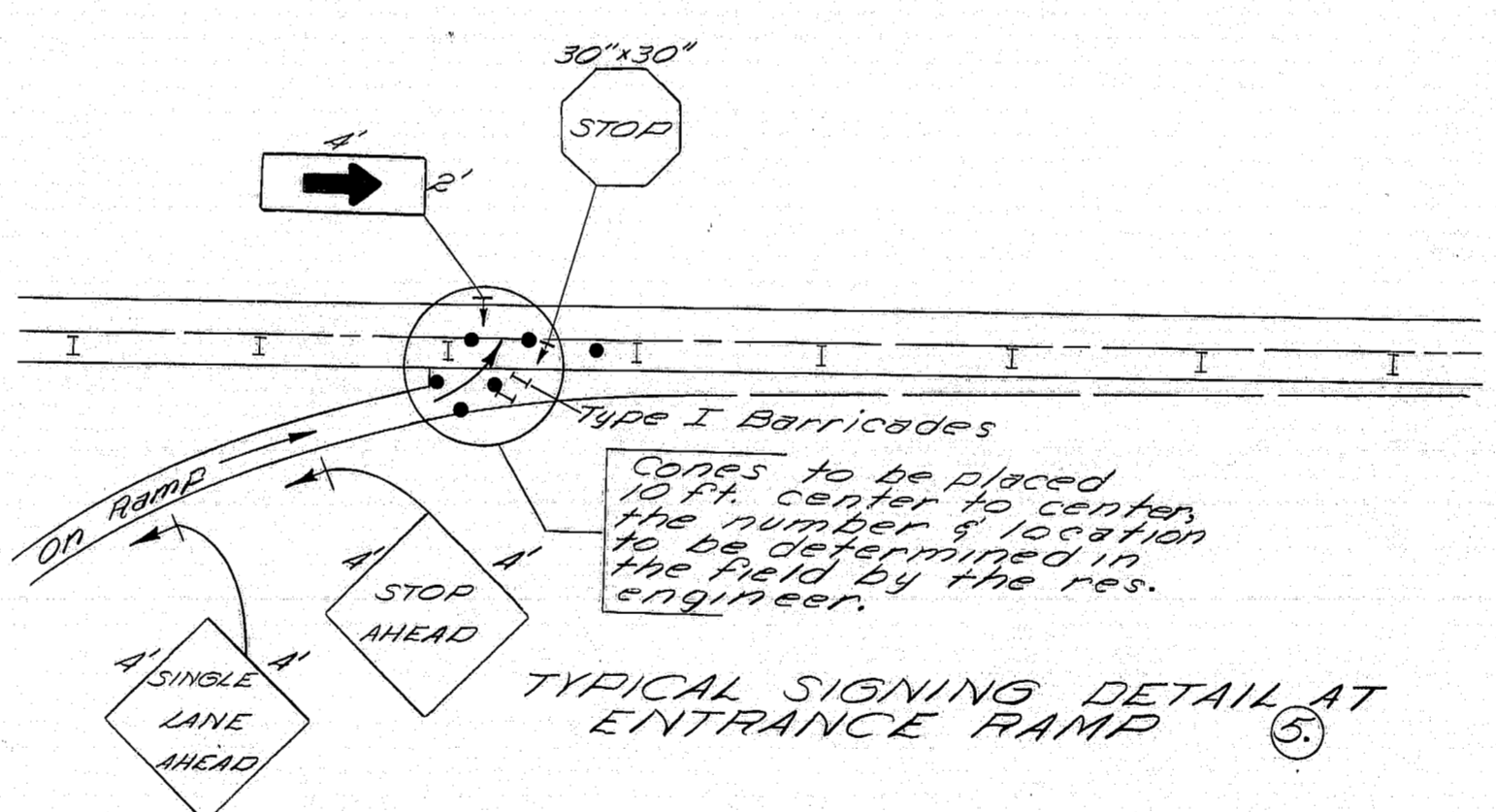
TYPICAL SIGNING DETAIL FOR CLOSED LANE (2)



TYPICAL SIGNING DETAIL FOR EQUIPMENT PARKING (3)

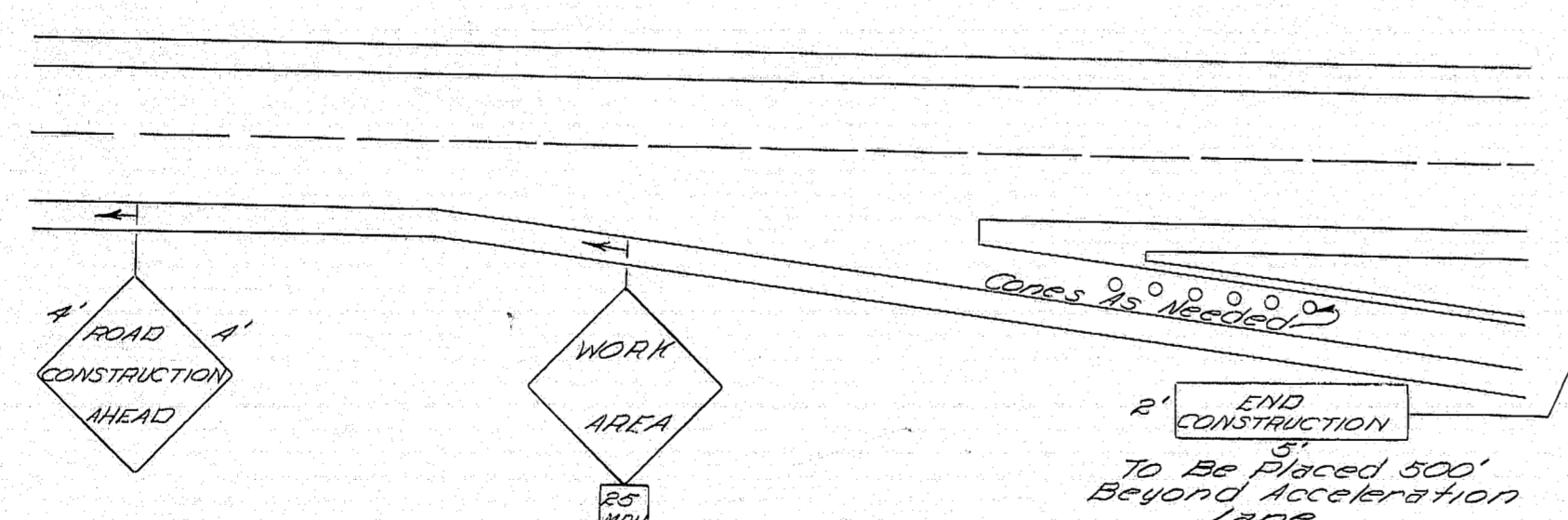


Signing Detail For Side Road (4)

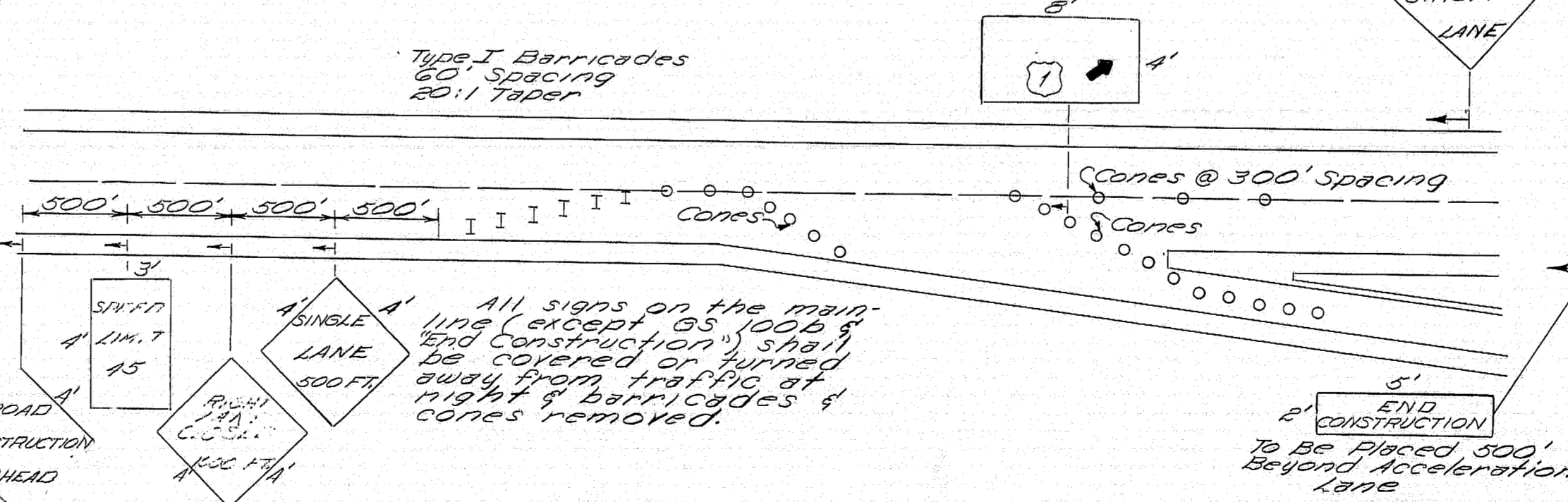


TYPICAL SIGNING DETAIL AT ENTRANCE RAMP (5)

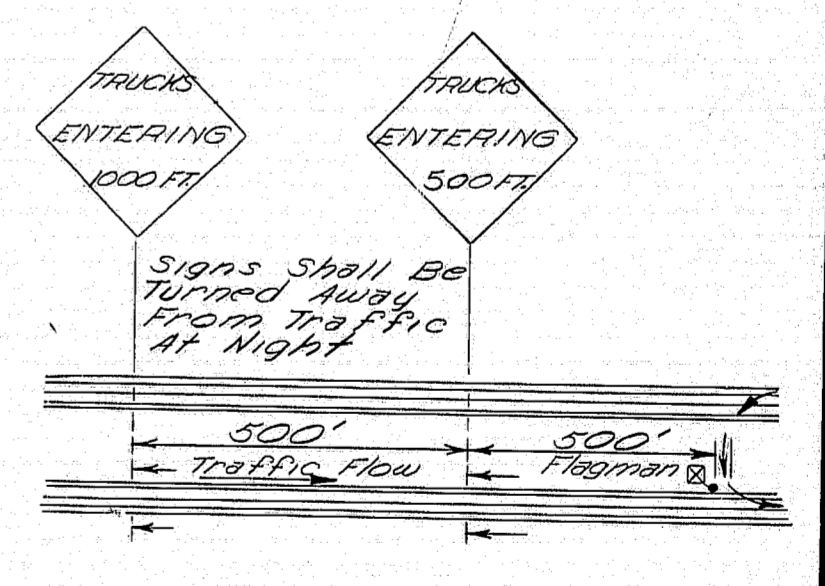
- GENERAL SIGNING NOTES
- * Signs shown with an asterisk shall read applicable to the lane that is closed.
 - All type I Barricades shall be reflectorized with strips going in opposite directions from the center of the barricade as shown.
 - All existing speed limit signs shall be turned away from traffic.
 - All construction signing shall be installed with the rear edge of the sign 2 ft beyond and 5 ft above the edge of existing shoulder as shown.
 - Signs marked (P) shall remain in place for the duration of the project.
 - End Construction signs shall be erected at the ends of the project adjacent to the wide shoulder.
 - The end single lane signs shall be erected adjacent to the lane carrying traffic.



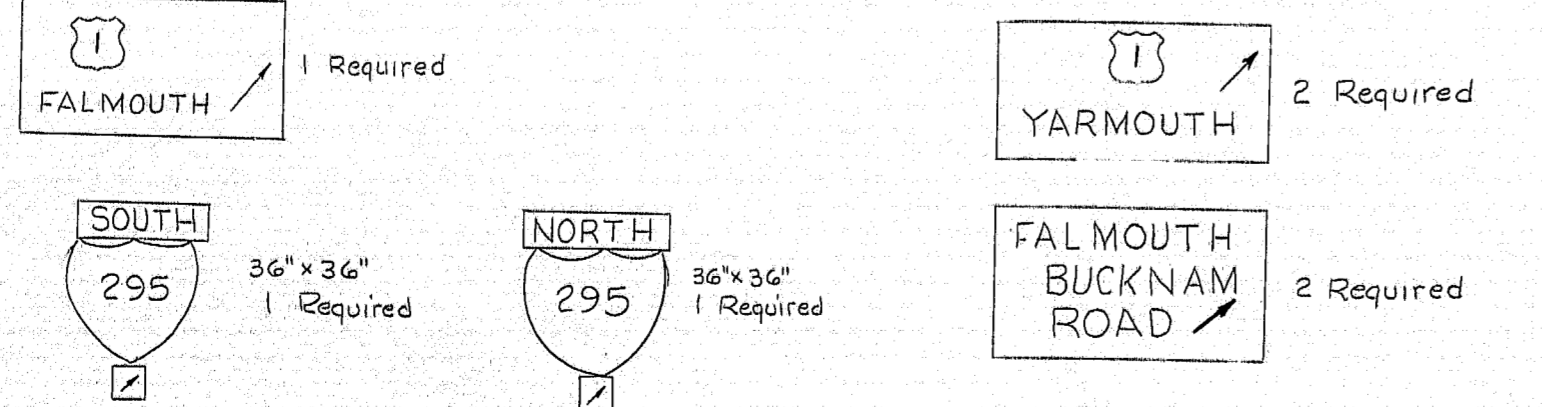
Signing Detail For Work On Interchange Ramps Away From Mainline (6)



Signing Detail For Work On Interchange Ramps Adjacent To Mainline (7)



TYPICAL SIGNING DETAIL FOR CROSSOVER (8)



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

Typical Signing Detail For Interstate Overlays

Not To Scale

97-382

SHEET OF AUGUSTA, MAINE