

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	E-071-1(34)	1	1

UTILITIES

Central Maine Power
New England Telephone
Livermore Falls Sewer
Livermore Falls Water Dist.
State Cable T.V. Corp.
M. C. B. B.

SPECIFICATIONS

Design : A.A.S.T.O Standards Specification
for Highway Bridges, 1977 and interim
specification thru 1983.

Contract: State of Maine, Department of
Transportation, Standards Specifications
Highways and Bridges, Revisions of
Jan. 1934
Existing Structure Live Load: H520

MATERIAL

Structural Steel	ASTM A56
High Strength Bolts	ASTM A325
Existing Structural Steel	ASTM A7
Concrete	CSA A

BASIC ALLOWABLE STRESSES

Structural Steel _____ $f = 20,000$ PSI
High Strength Bolts _____ $f = 25,000$ PSI
Existing Structural Steel _____ $f = 18,000$ PSI
Concrete _____ $f_c = 3,000$ PSI

TRAFFIC DATA

A.A.D.T. 1984 4980
A.A.D.T. 2004 5980
D-11 718
Descent Speed 35 MPH

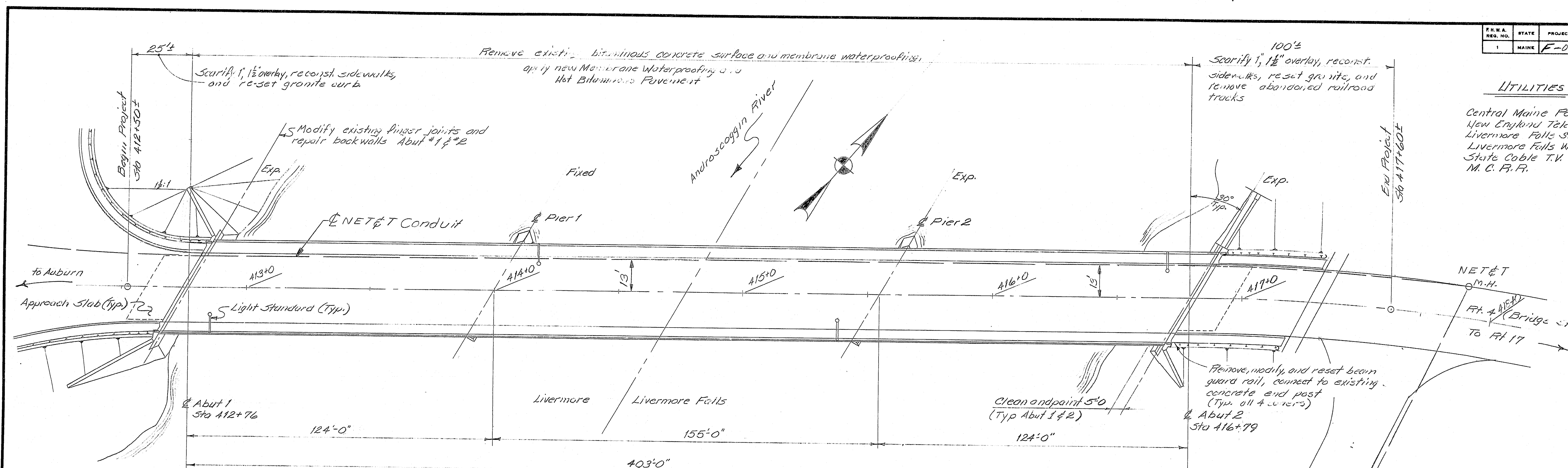
Revisco - AS-BUILT Jeffrey Bishop 3/95
Bridge No. 2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

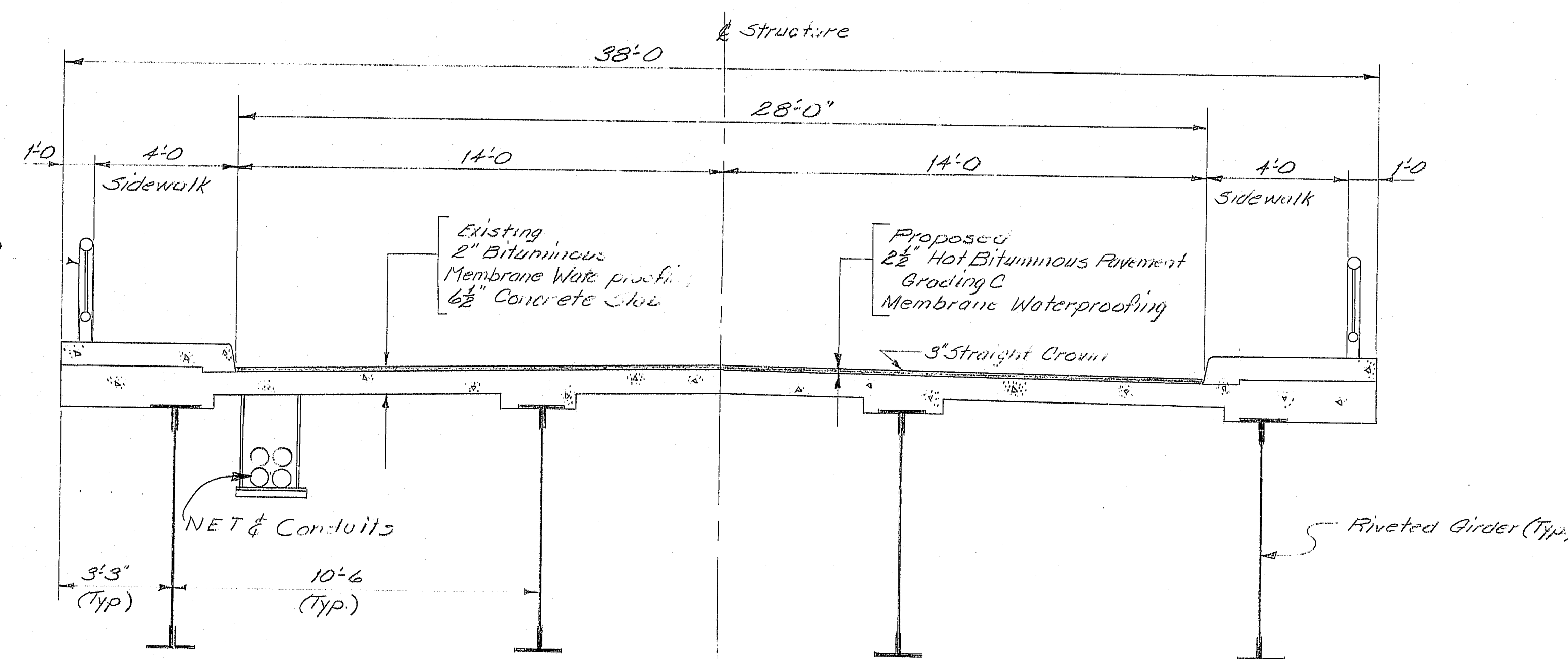
ANDROSCOGGIN RIVER BRIDGE
Between the towns of
LIVERMORE AND LIVERMORE FALLS

General Plans

SHEET 1 OF 5 AUGUSTA, MAINE NOV 1984



PLAN



INDEX

DECK SECTION

- | General Plan | |
|------------------------------------|---|
| Quantities | 2 |
| Expansion Device Modification | 2 |
| Sick walk Exhaust Fan | 1 |
| Bridge Connectors | 1 |
| Shrinked D. kits-Type 2 Green Film | 6 |
| Mounting of T. Film | 6 |
| Mounting of T. Film | 9 |

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.

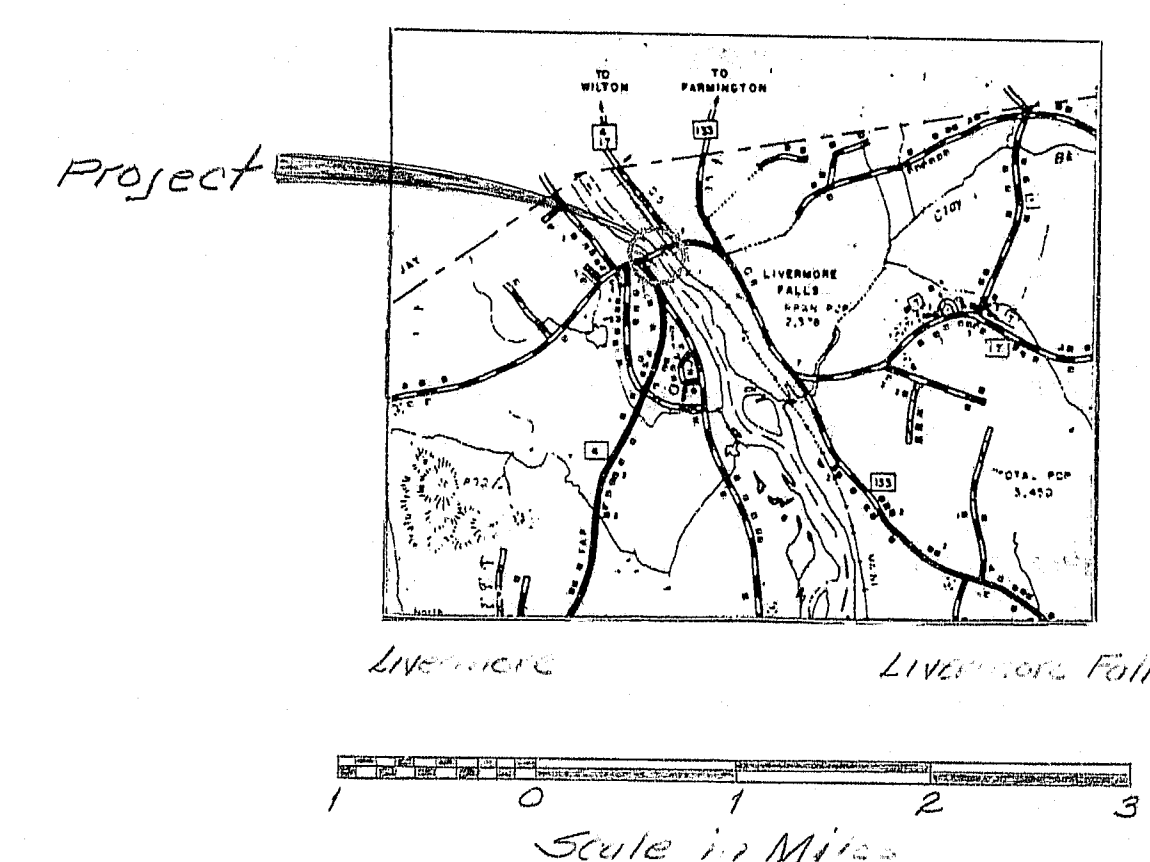
APPROVED:
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

James H. ...
COMMISSIONER

Richard T. Coleman
BUREAU DIRECTOR & CHIEF ENGINEER

UNITED STATES
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 1

APPROVED: _____
DIVISION ADMINISTRATOR DATE _____

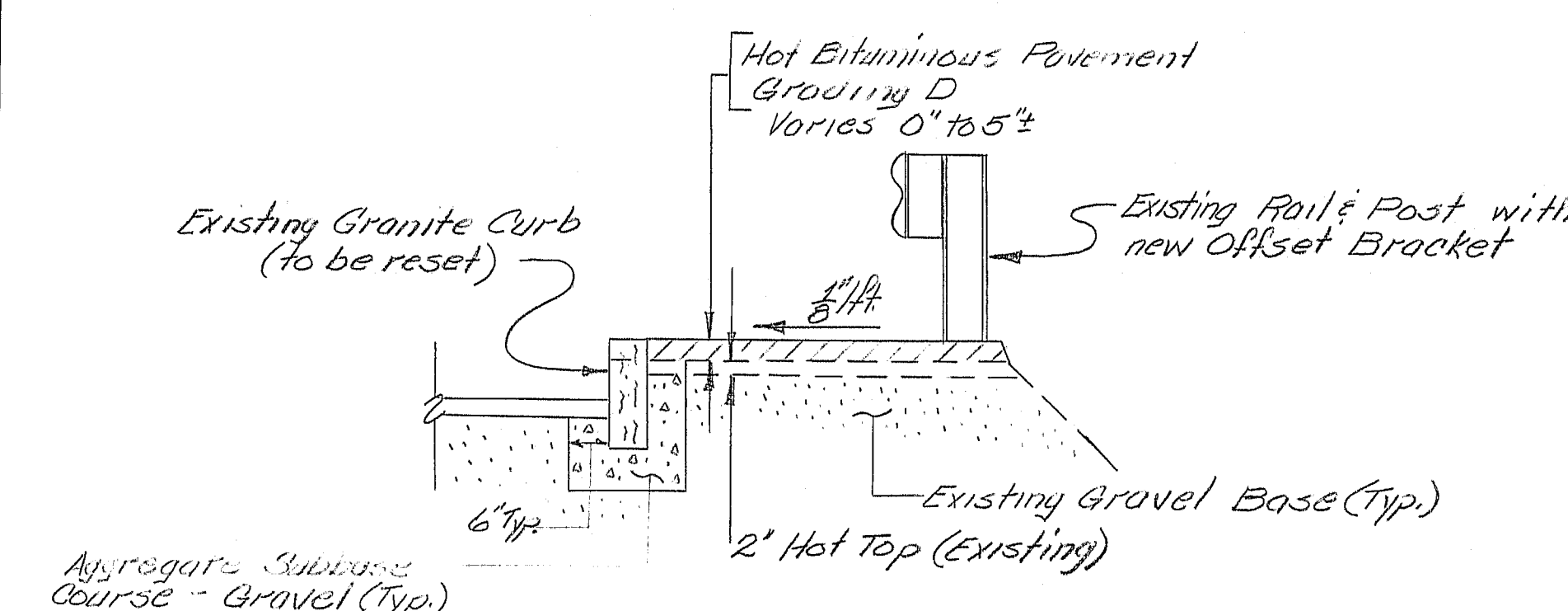


LOCATION MAP

Note: All work contemplated under this contract shall be governed by and in conformity with the General Specifications (Revision of Jan. 1984) and supplements thereto except as modified on the plans and in the Special Provisions.

107-282

41A

[illegible][illegible]

107-283 415

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

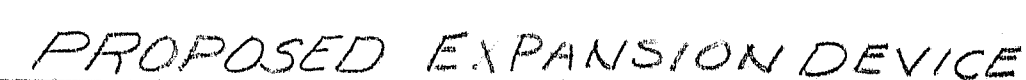
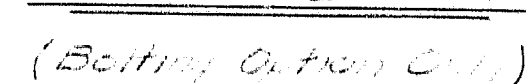
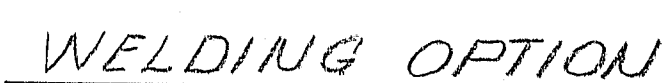
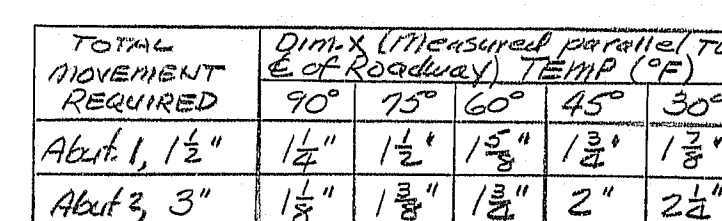
ANDROSCOGGIN RIVER BRIDGE
Between the towns of
LIVERMORE AND LIVERMORE FALLS

Quantities and Details

SHEET 2 OF 5 AUGUSTA, MAINE May 1984

1997

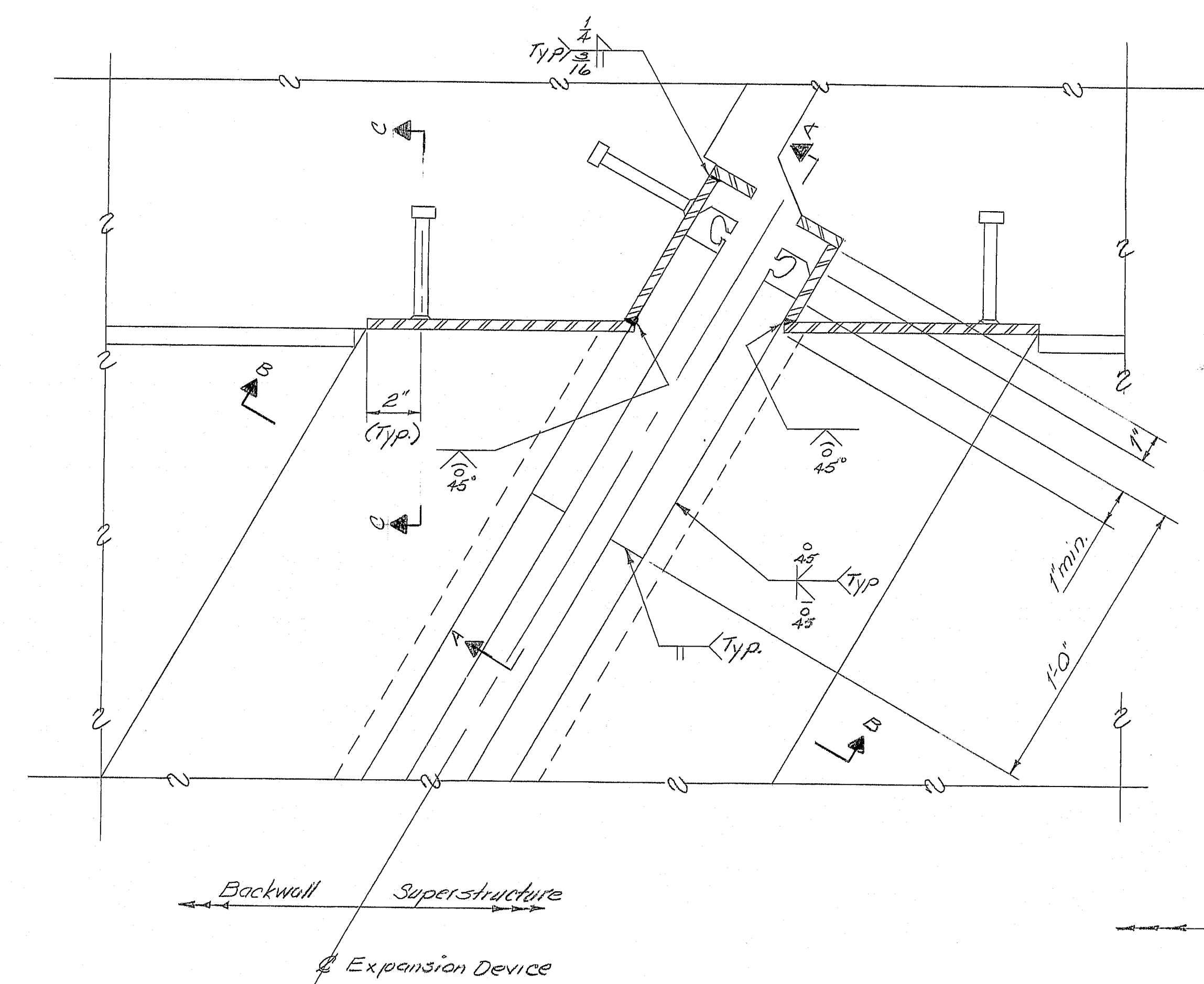
BRUNING 44-132 45710-1			
		REVISIONS	
		FIELD CHANGES	



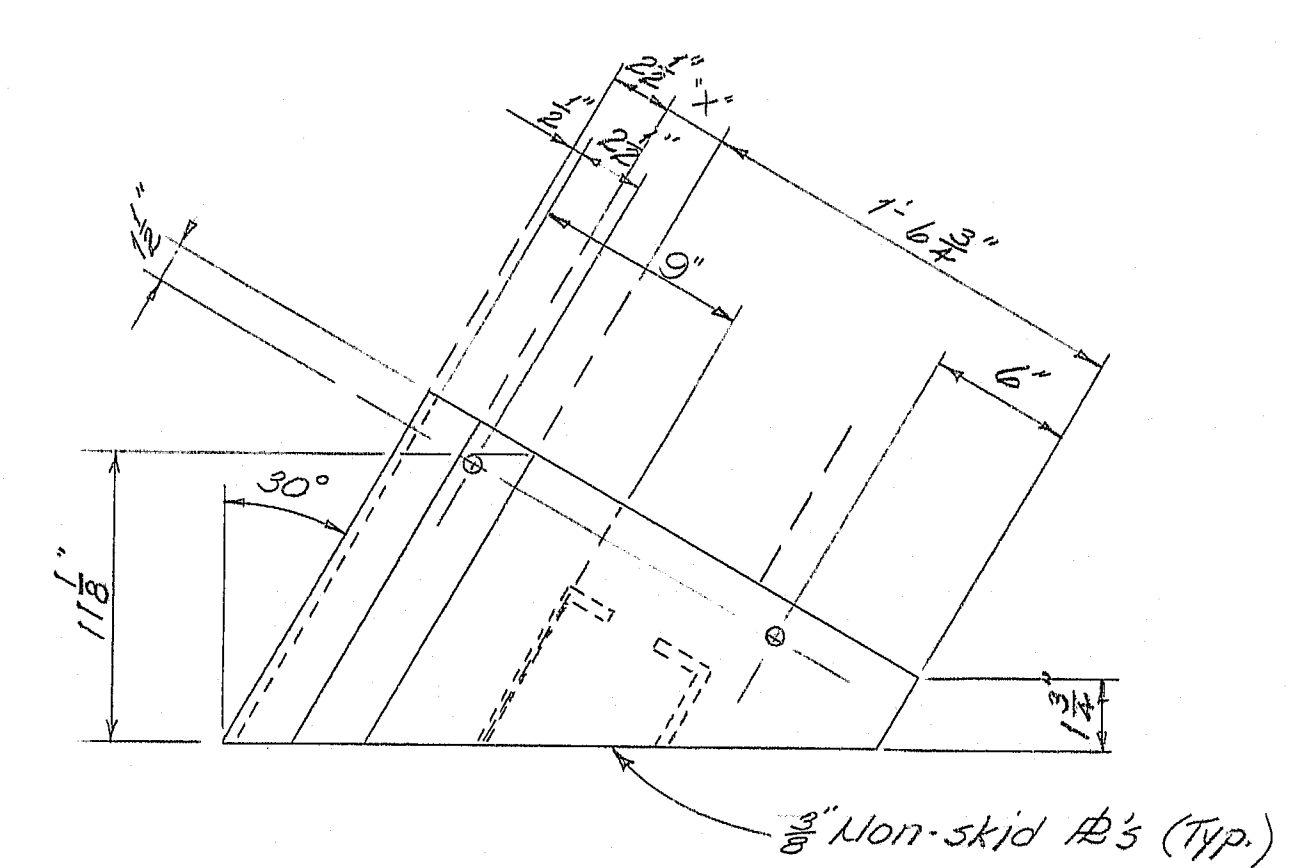
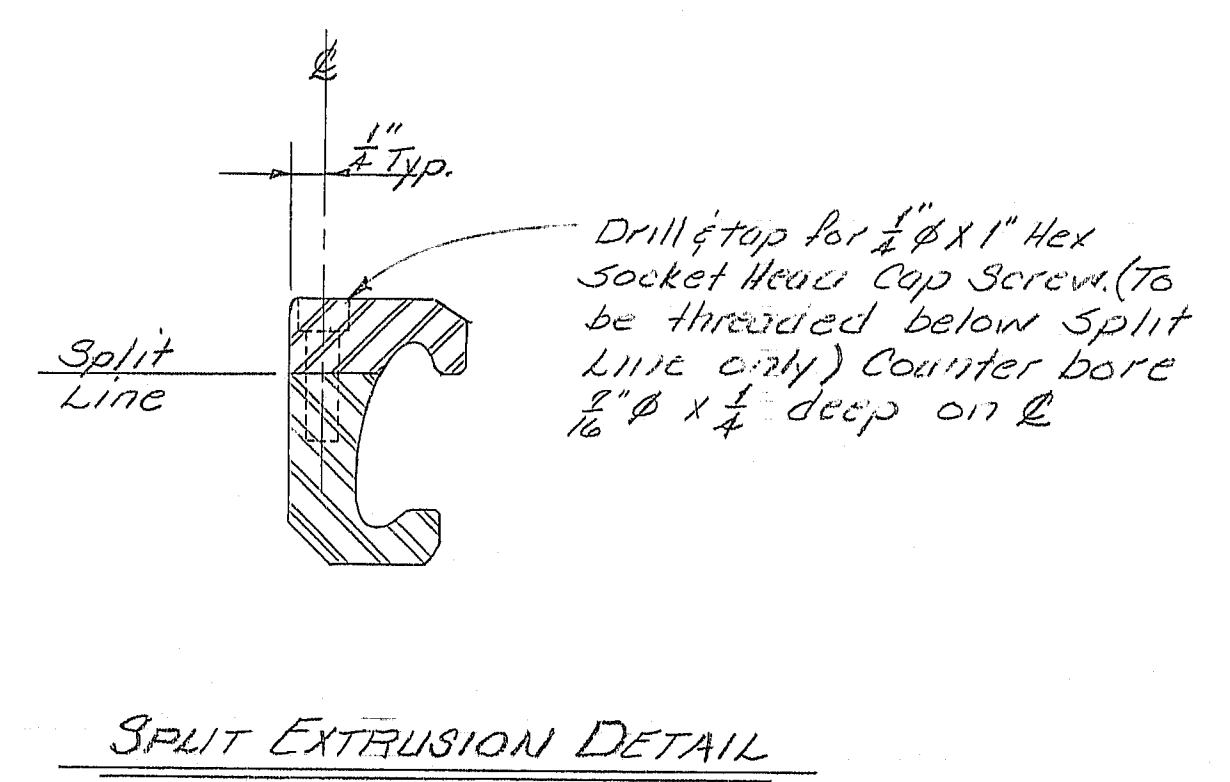
- 107-284

Expansion Device Modifications

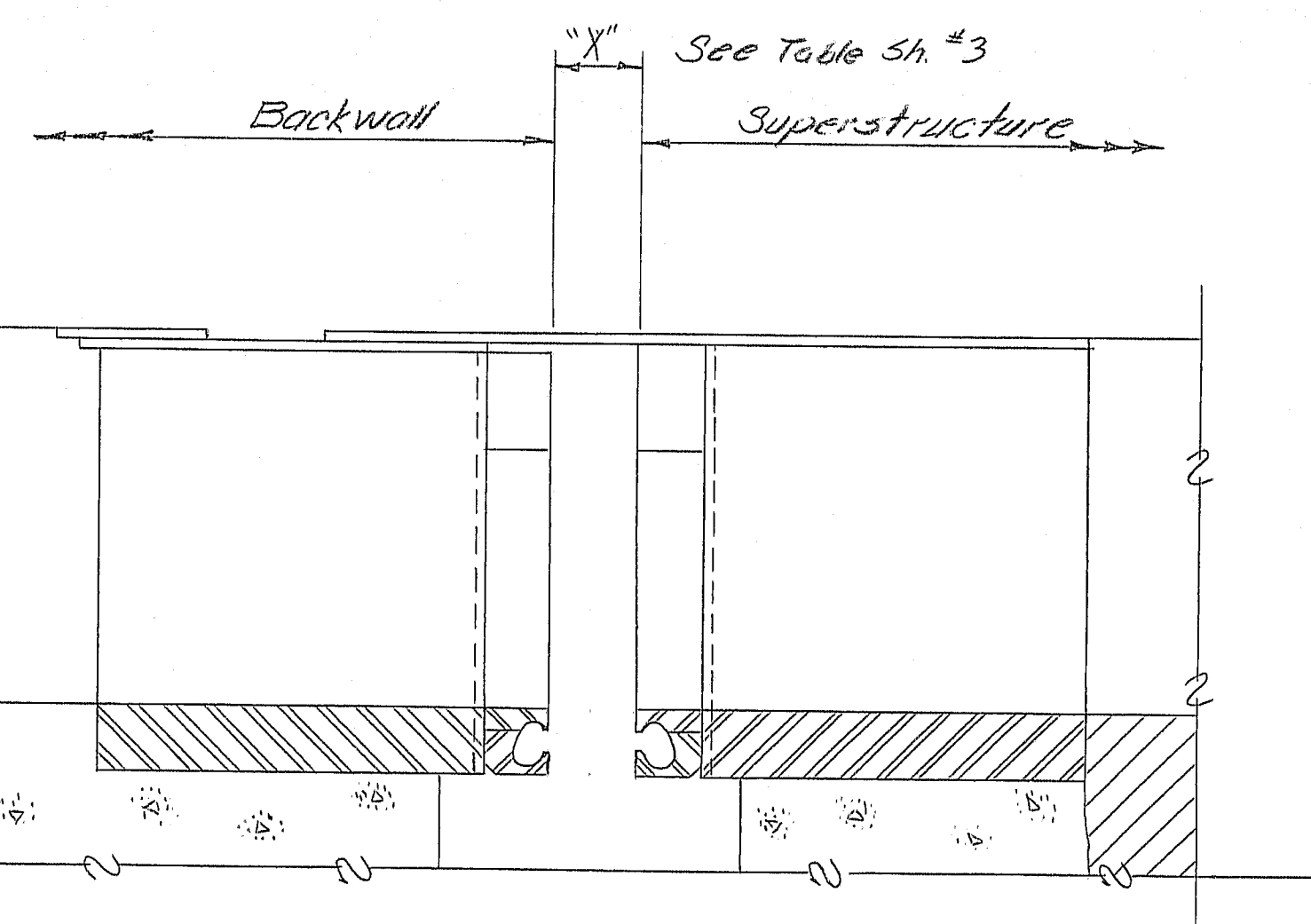
F.R.W.A. REV. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-021-1134	4	9



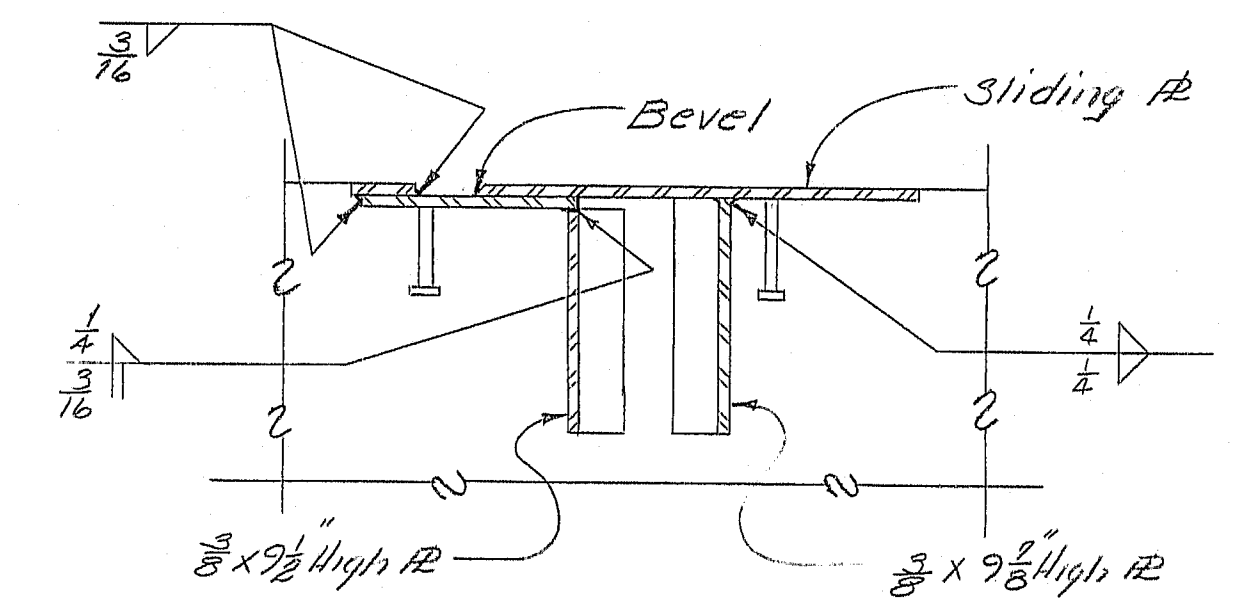
PLAN
(Cover #2's not shown)
2 Reg'd as shown
2 Reg'd opp. hand
(See Sh. #3 Plan)



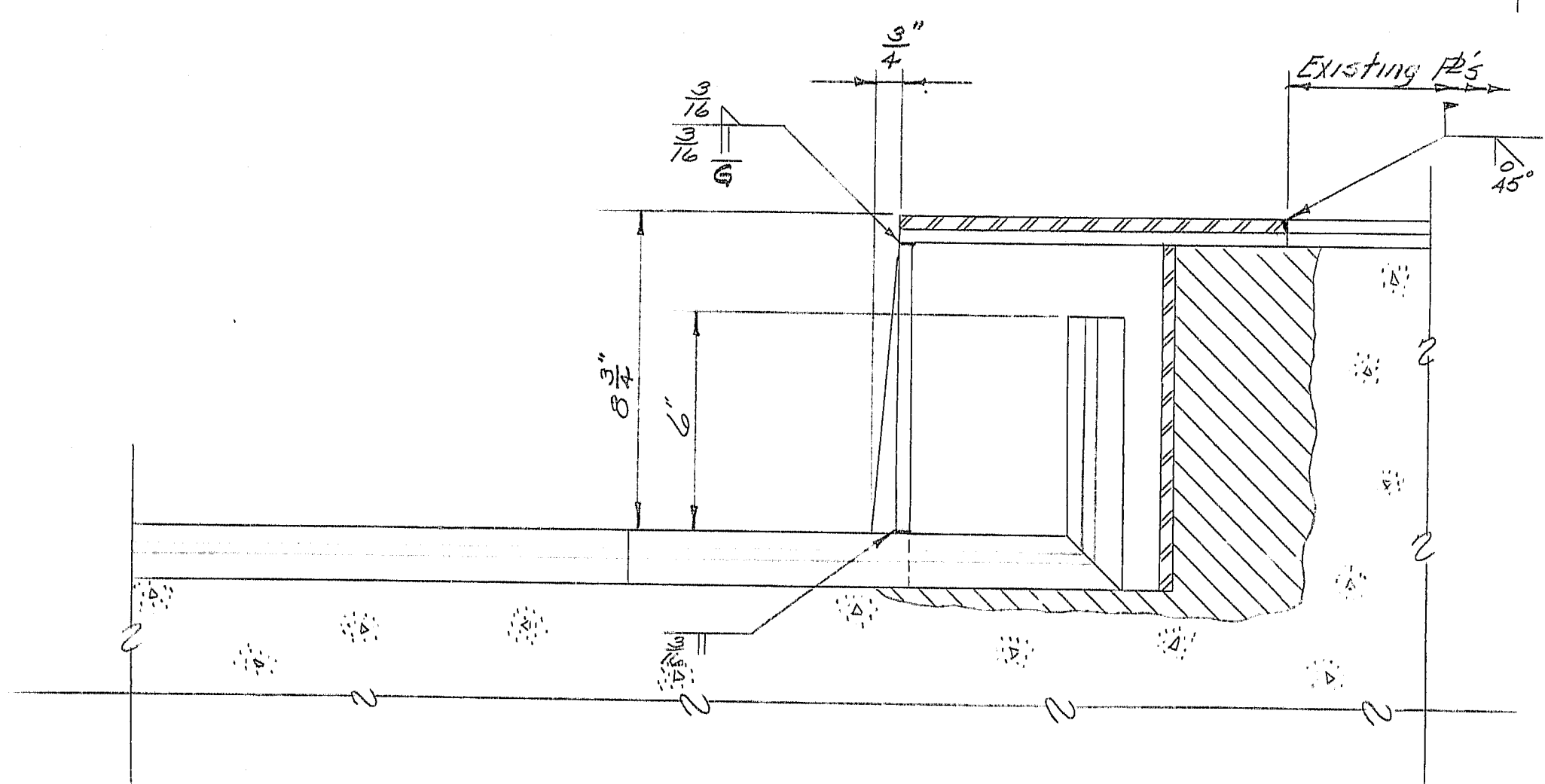
SIDEWALK EXPANSION DAM - PLAN



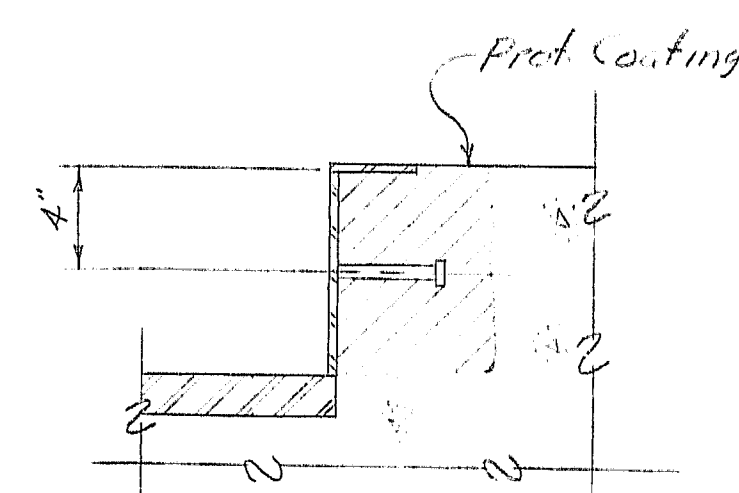
SECTION B-B



SIDEWALK EXPANSION DAM - ELEVATION



SECTION A-A



SECTION C-C

TEMPORARY TRAFFIC SIGNAL

The temporary traffic signal controller shall be a two phase pre-timed controller to be timed and sequenced as shown below.

SEQUENCE & TIMING

Interval →	1	2	3	4	5	6	7
EB Traffic	G	Y	R	P	F	R	G
WB Traffic	R	F	R	G	Y	R	R
Timing to Section 4 Dist	16	3	16	16	3	16	In Sec'd

Where: G = Green indication
Y = Yellow indication
R = Red indication

107-285 417

Revised - As Shown 3/15

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ANDROSCOGGIN RIVER BRIDGE
Between the towns of
LIVERMORE AND LIVERMORE FALLS

Sidewalk Expansion Dam
SHEET 4 OF 5 AUGUSTA, MAINE MAY 1934

PROJECT DESIGN ENGINEER	DATE
DESIGNED BY	7/32
CHECKED BY	
REVISIONS	
FIELD CHANGES	

BRUNING 44-132 40710-1

Drill 4-1"Ø holes in existing end posts (See Note)

Existing Guard Rail Post @ 12'-6" (Remove, modify & Reset)

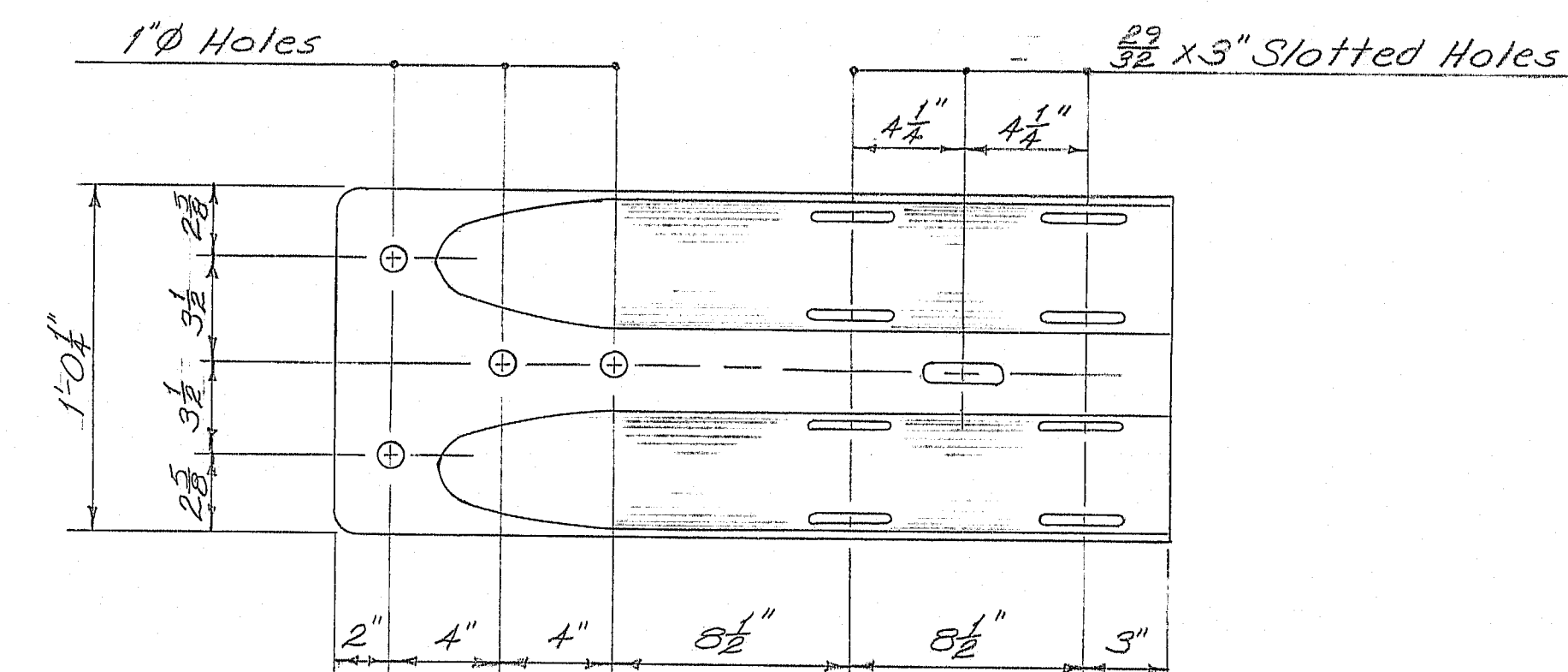
New offset brackets

10"

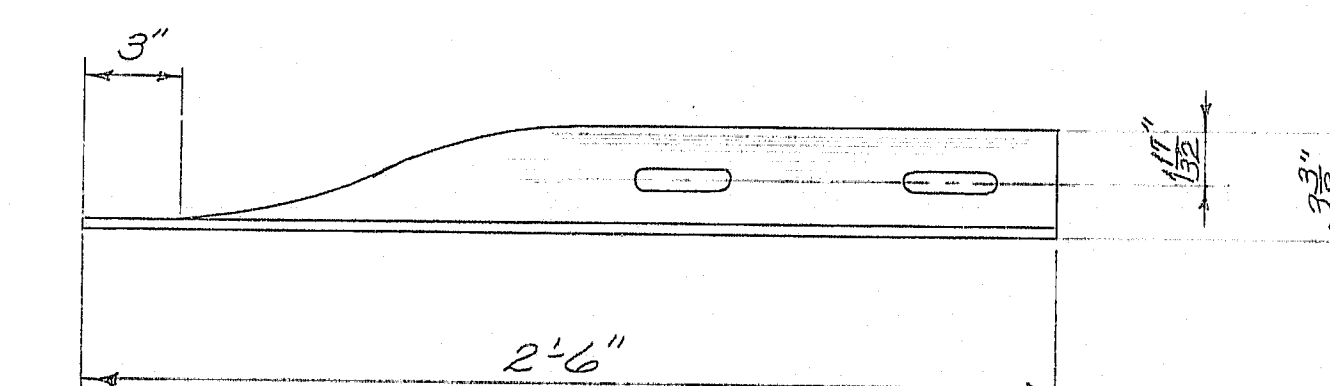
GUARD RAIL NOTES

1. _____ The contractor shall drill 4-1"Ø holes through the existing end posts. Any damage to the end post resulting from the drilling shall be repaired, by a method agreed to by the Engineer and the cost shall be incidental to Item 606.364, Guard Rail, Remove, Modify, and Reset.
2. _____ Terminal Connectors shall be galvanized in accordance with the requirements of Section 606 of the State of Maine, Standard Specifications Revision of Jan. 1984.
3. _____ Payment for all work and materials necessary to connect the modified guard rail sections to the existing end posts shall be incidental to Item 606.364 Guard Rail, Remove, Modify, and Reset.

	Grand Roil	Curb
West Approach Rt.	125 L.F.	25± L.F.
" " Lt.	75 L.F.	25± L.F.
East Approach Rt.	38 L.F.	43± L.F.
" " Lt.	38 L.F.	43± L.F.



ELEVATION



PLAN

TERMINAL CONNECTOR

TERMINAL CONNECTOR AND GUARD RAIL MODIFICATION

Revised - As-Built *Jerry Madson 3/95*
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ANDROSCOGGIN RIVER BRIDGE
Between the towns of
LIVERMORE AND LIVERMORE FALLS

Bridge Connectors

SHEET 5 OF 5 AUGUSTA, MAINE Nov 1984

107-286