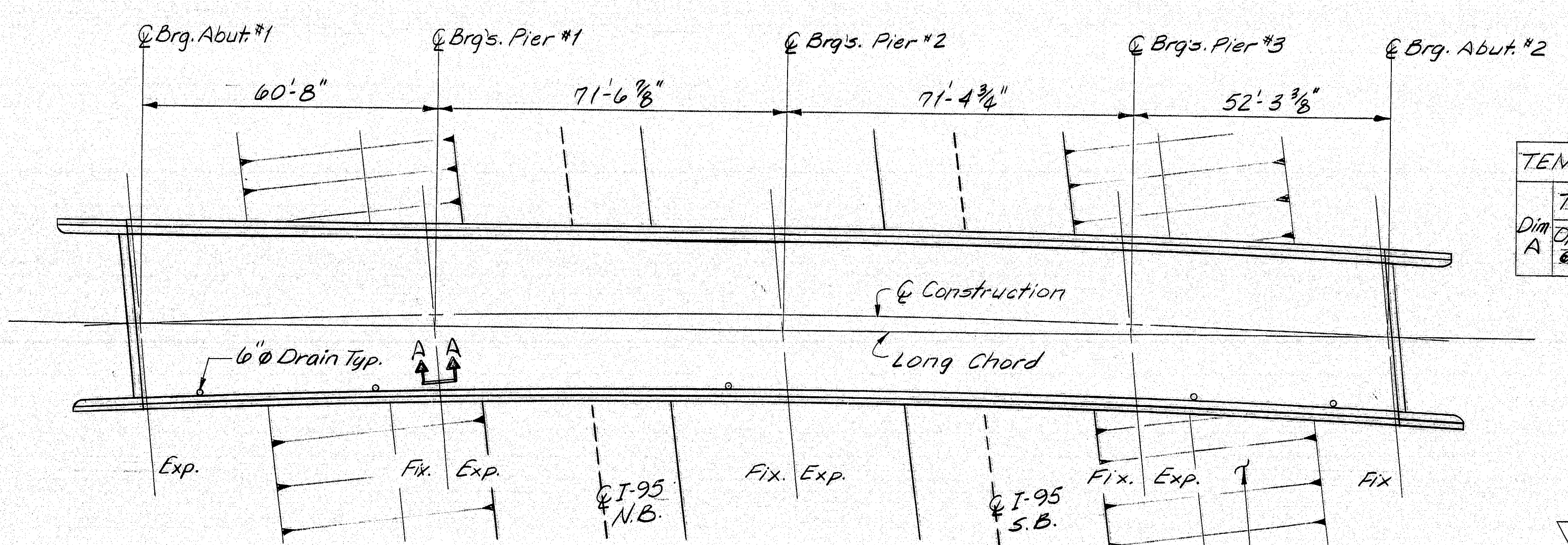
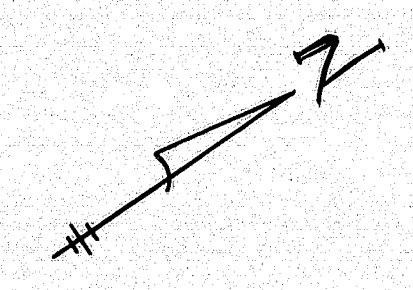
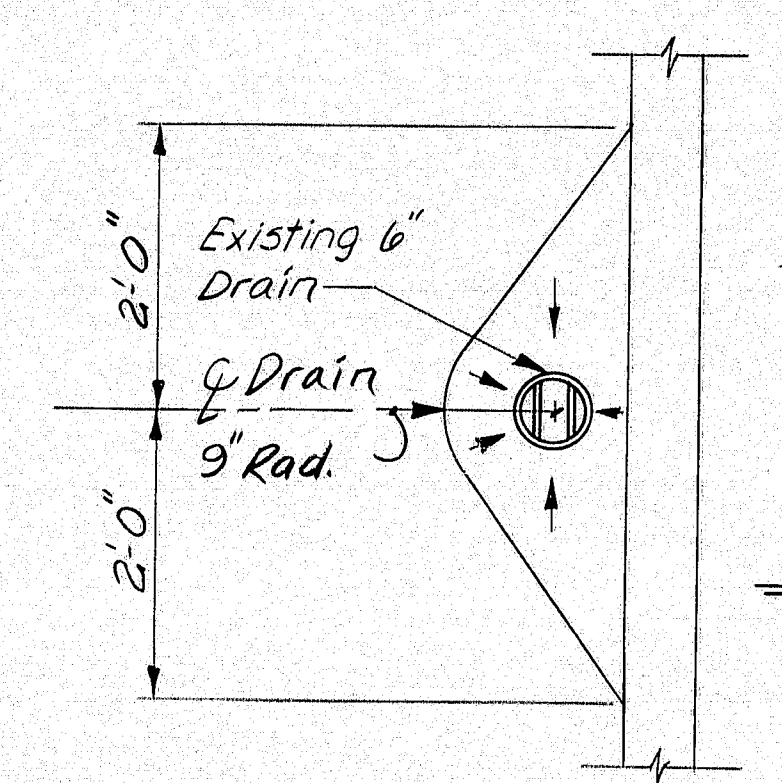


F.W.A. RES. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	5957	1	1



PLAN

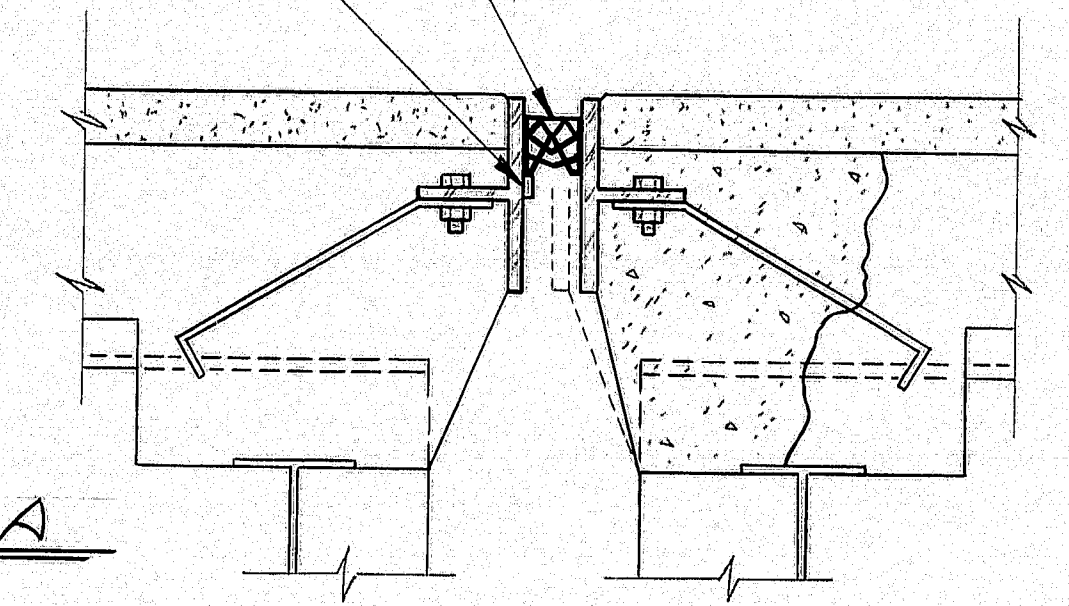


NOTE
Depress wearing surface 1/4" in the direction of the arrows

DRAIN PLAN

Repair or replace existing concrete slope protection. (Replace similar to existing slope protection)

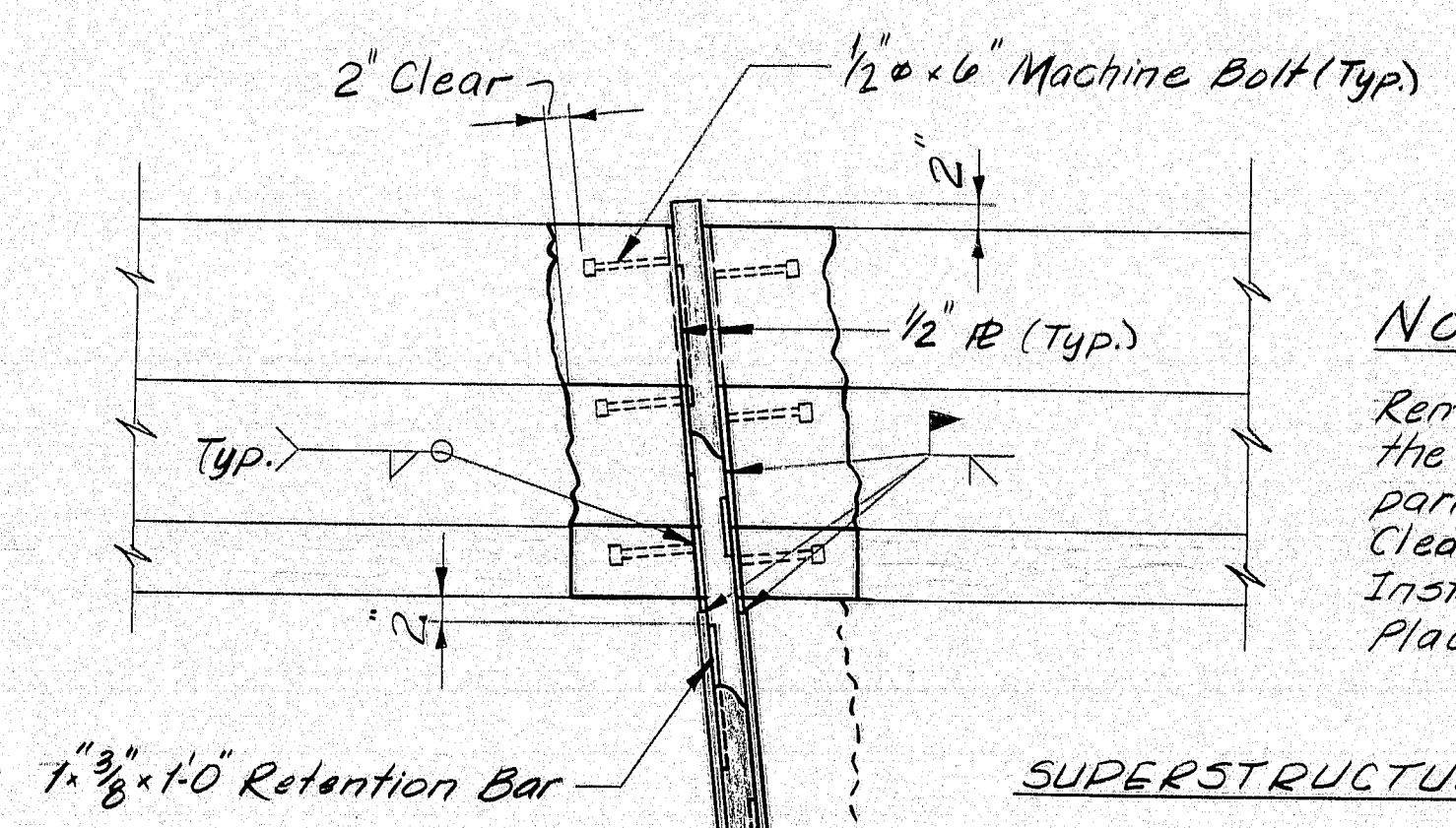
NOTE:
Remove concrete one side of armored joint. Clean and reset joint armor according to Temperature Adjustment Chart. Place new concrete. Install the Compression Seal.



SECTION A-A

TEMPERATURE ADJUSTMENT CHART

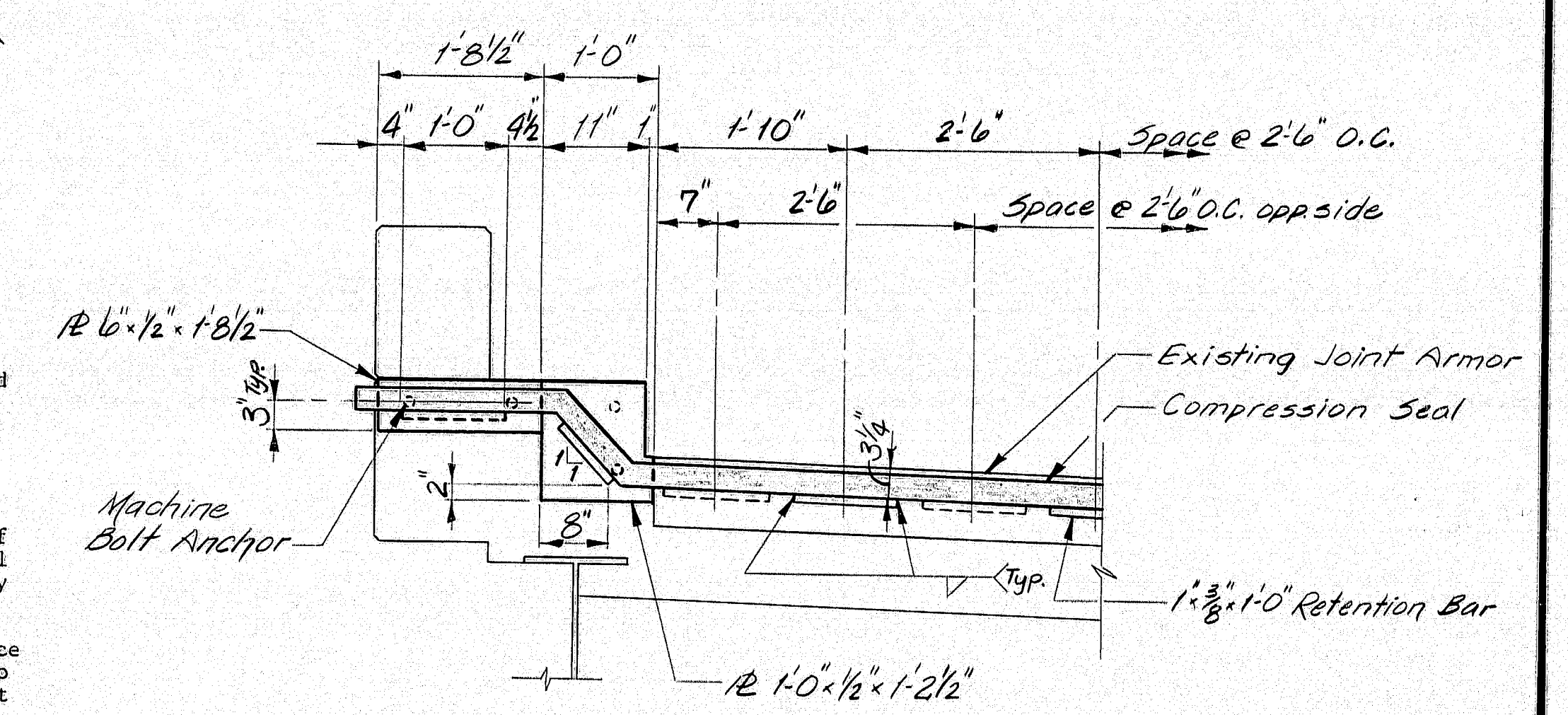
Temp °F	0	10	20	30	40	50	60	70	80	90	100
Opening	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Ret Bar	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"



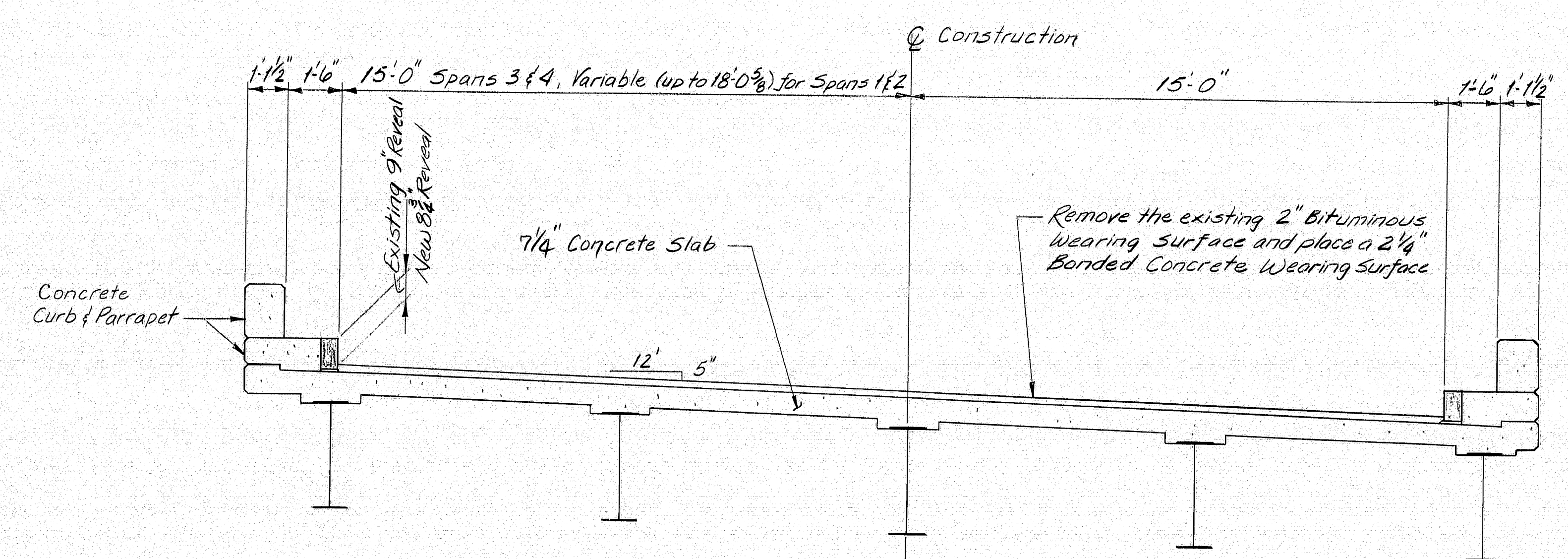
NOTE
Remove a portion of the concrete curb and parapet as shown. Clean existing reinf. Install joint armor. Place new concrete.

SUPERSTRUCTURE

TYPICAL PLAN VIEW OF JOINT AT CURB



TYPICAL ELEVATION VIEW OF JOINT AT CURB



TRANSVERSE SECTION

BONDING GROUT NOTES
The deck surface must be thoroughly sandblasted and cleaned to remove all dust or loose materials immediately before bonding grout is placed.

Deck surface to be surface dry with no standing water in pockets or low areas when bonding grout is applied.

The bonding grout shall consist of equal parts by weight of Portland Cement and concrete sand with the plus #8 material removed and mixed with enough water to give a thick, creamy consistency.

Bonding grout to be evenly broomed onto the concrete surface ensuring that the entire surface, including face of curb to the finish grade of the wearing surface, is coated and that no excess grout collects in low spots or pockets. Grout shall be thoroughly broomed under and around reinforcing bars.

Rate of application must be controlled so that the grout does not dry before the new concrete is placed.

GENERAL NOTES

1. Remove existing wearing surface.
2. If main reinforcing steel is exposed, concrete should be removed under the steel to a depth of 1" minimum.
3. Blast clean the slab before any placement of bonding grout or concrete. Note: SLAB IS TO BE SURFACE DRY BEFORE PLACEMENT OF BONDING GROUT.
4. Broom on a layer of bonding grout just prior to placing concrete. See bonding grout notes this sheet.
5. Concrete to be cured using burlap and water.
6. Concrete to be Class AA and aggregate to be crushed ledge.
7. Minimum cover to be 2" unless otherwise noted.
8. Chamfer all exposed edges of concrete 1/2" unless otherwise noted.
9. Any exposed concrete shall be thoroughly cleaned before placing new concrete.
10. Existing joint dimensions indicate that Abutment Nos 1 & 2 and Piers 2 & 3 need only retention bars to modify the joint to fit the compression seal. If however the existing joint appears too small, modify as shown in Section A-A.

SCOPE OF WORK

Remove existing wearing surface. Modify all joints to fit the compression seal. Place a new Bonded Concrete Wearing Surface. Install Compression Seal.

MATERIALS LIST

- 20 Ea. - 12' 1'-0" x 1/2" x 1'-2 1/2"
- 20 Ea. - 12' 6" x 1/2" x 1'-8 1/2"
- 80 Ea. - 1/2" x 6" Machine Bolts
- 150 - 1 1/8" x 1'-0" Retention Bars
- 5 Ea. - Watson Bowdoin & Acme Comp. Seal (WA-250)-Varying Lengths

111-55

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
ROUTE # 100 BRIDGE
OVER
INTERSTATE 95
IN
PALMYRA
SOMERSET COUNTY
GENERAL PLAN
SHEET 1 OF 1 AUGUSTA, MAINE APR. 1990

PROJECT DESIGN ENGINEER	DATE
DESIGN - DETAIL	
CHECKED	
REVISIONS	
FIELD CHANGES	

REVISIONS