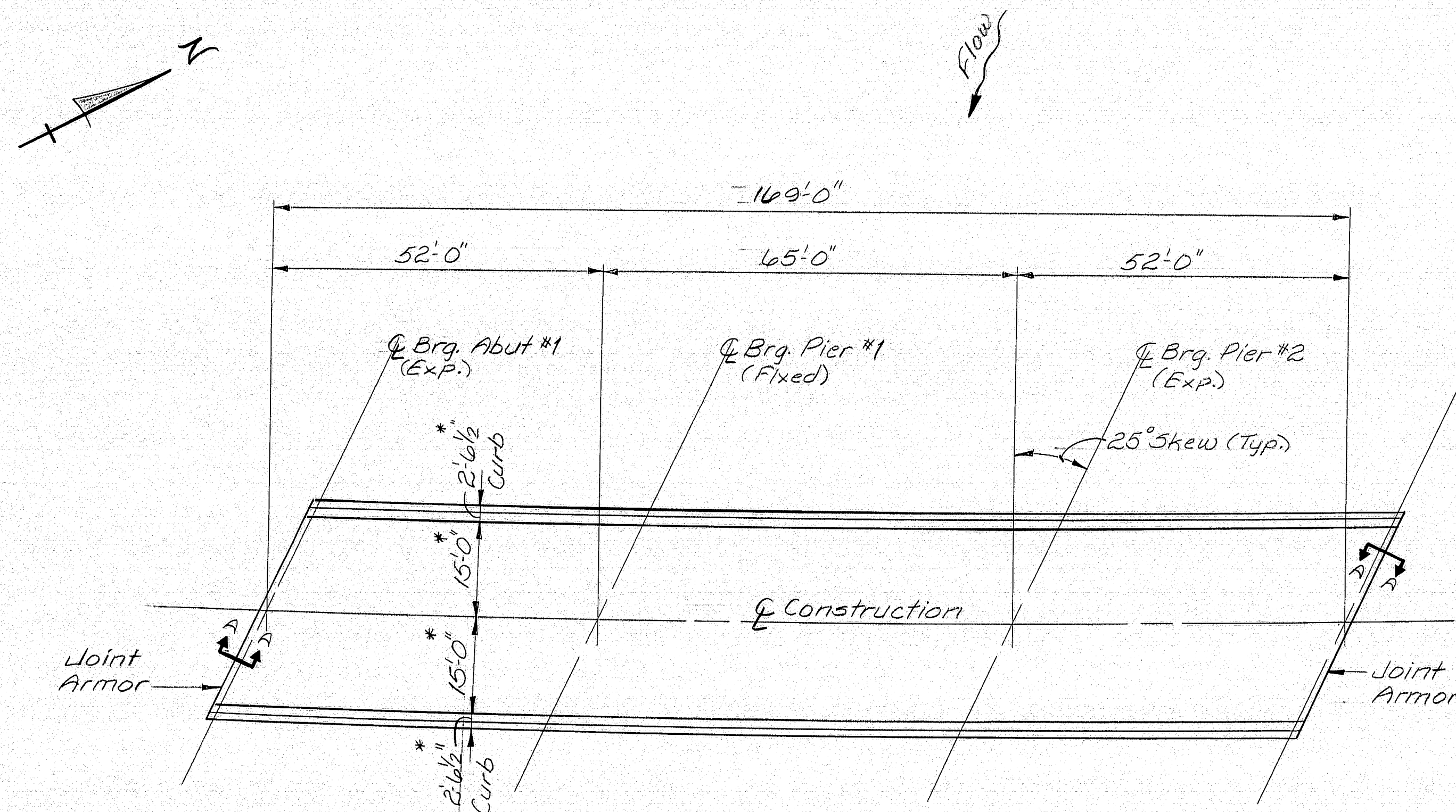
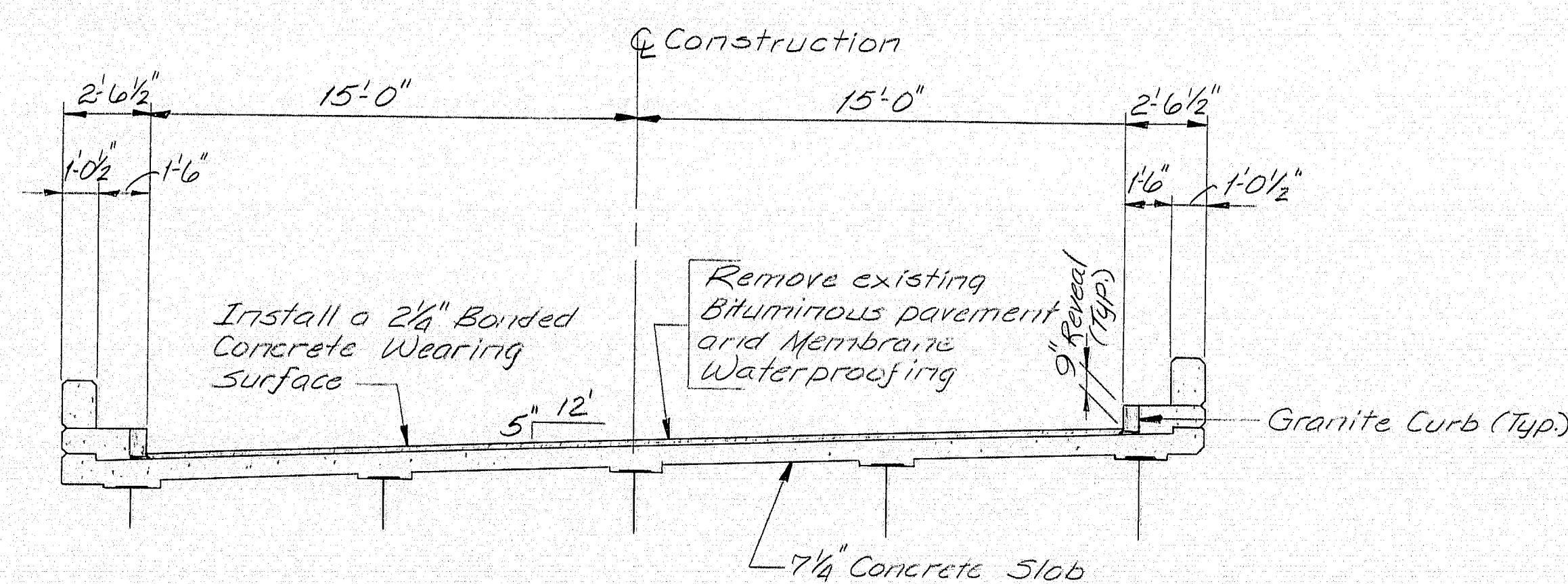


F.R.M.A. REQ. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	2822	1	1



PLAN

\*Dimensions are radial



TRANSVERSE SECTION

TEMPERATURE ADJUSTMENT CHART													
DIM. "A"	TEMP. °F	-5°	5°	15°	25°	35°	45°	55°	65°	75°	85°	95°	105°
Opening at Abutment #1		1 3/8"	1 1/4"	1 1/4"	1 1/4"	1 1/8"	1 1/8"	1 1/8"	1"	1"	1"	7/8"	7/8"
Opening at Abutment #2		2 5/8"	2 1/2"	2 3/8"	2 3/8"	2 1/4"	2 1/4"	2"	1 7/8"	1 7/8"	1 3/4"	1 3/8"	1 1/2"

### MATERIALS LIST

Compression Seals, Watson  
Bowman & Acme, #s WJ200L, WJ350, ea. 38'-0" long  
40- 1/2" x 6" Machine Bolts  
70- 1" x 3/8" x 1'-0" Retention Bars  
8- 1/2" Plate, 6" x 2'-6"  
8- 1/2" Plate 9" x 1'-0"

CONCRETE: 38 cu. yd.  
STEEL WEIGHT: Total 420 lbs.

### 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.

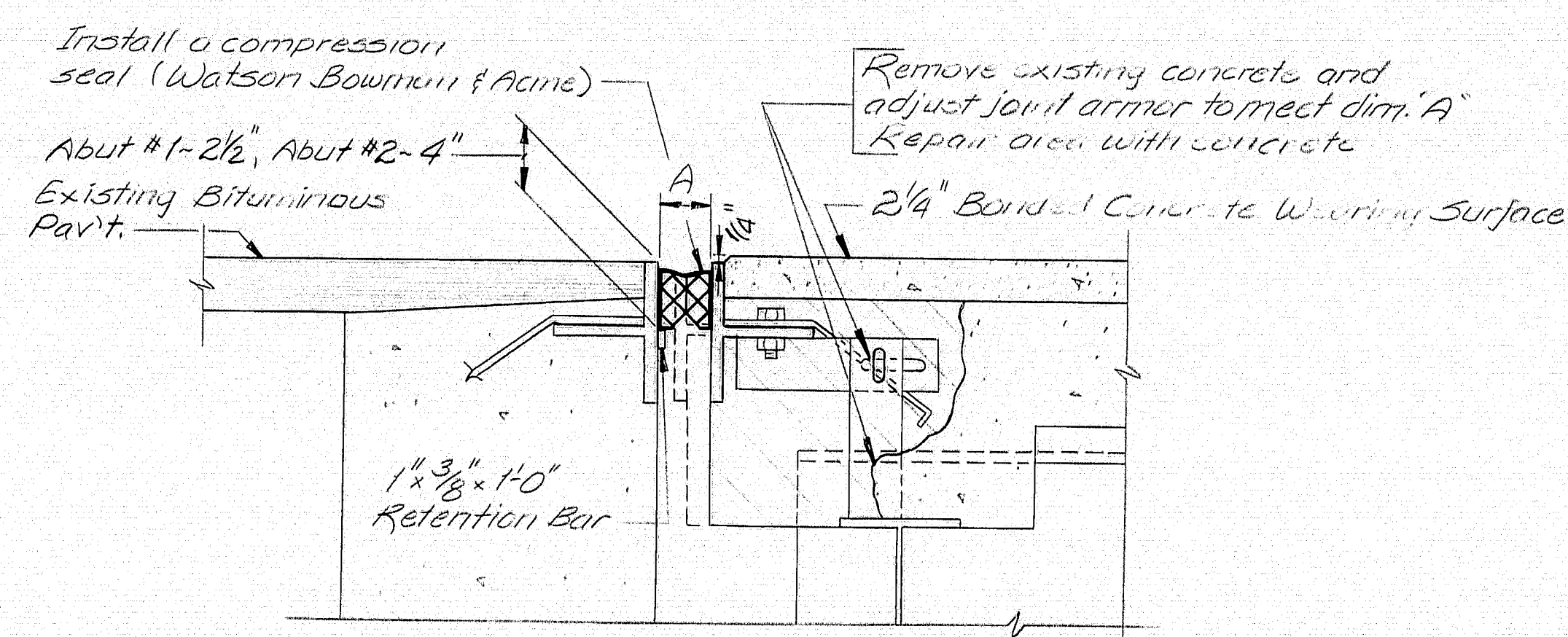
Rate of application must be controlled so that the grout does not dry before the new concrete is placed.

### GENERAL NOTES

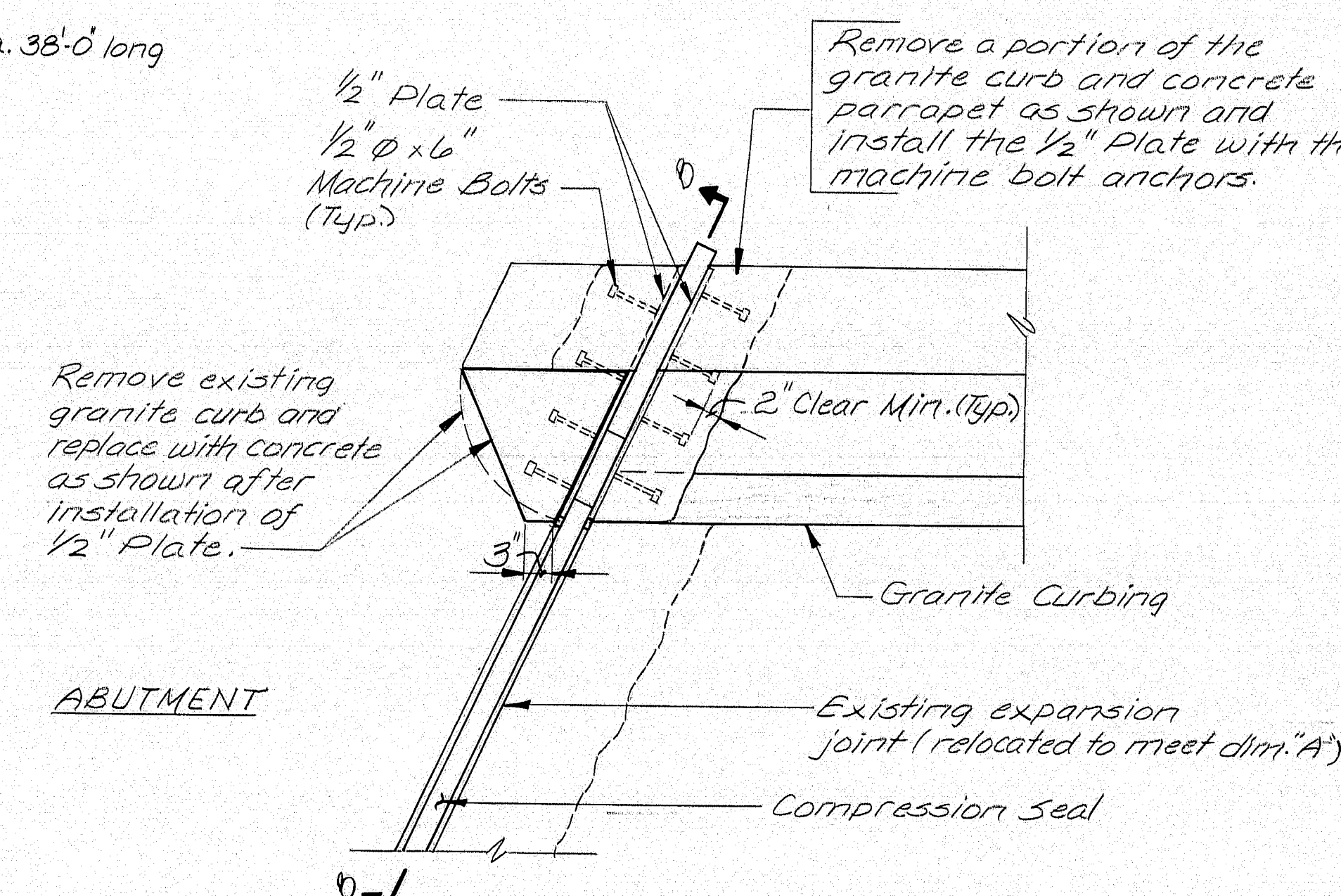
1. Remove existing wearing surface.
2. If main reinforcing steel is exposed, concrete should be removed under the steel to a depth of 1" minimum.
3. Blast clean the slab before any placement of bonding grout or concrete. Note: SLAB IS TO BE SURFACE DRY BEFORE PLACEMENT OF BONDING GROUT.
4. Broom on a layer of bonding grout just prior to placing concrete. See bonding grout notes this sheet.
5. Concrete to be cured using burlap and water or other approved methods.
6. Concrete to be Class "Y" and aggregated 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.

### SCOPE OF WORK

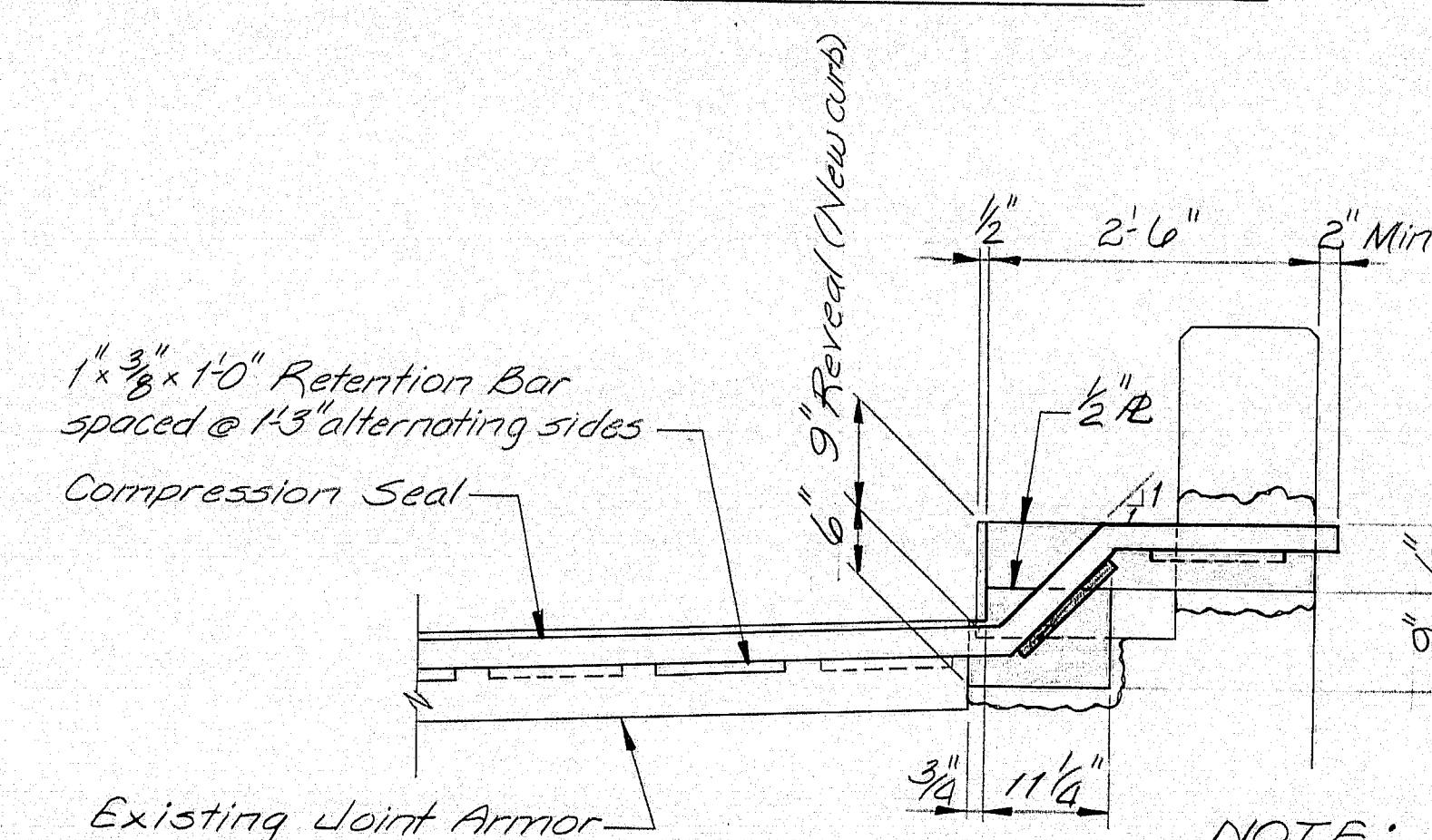
Remove wearing surface and membrane waterproofing from deck, sand blast and grout deck as noted, seal joints, place new 2 1/4" bonded concrete wearing surface.



SECTION A-A



TYPICAL PLAN OF NEW JOINT



ELEVATION B-B

NOTE:  
Remove exist granite curb and install a concrete curb. Exist reinf. to remain.

111-56

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
SUNDAY RIVER BRIDGE OVER SUNDAY RIVER IN BETHEL OXFORD COUNTY
GENERAL PLANS
SHEET 1 OF 1 AUGUSTA, MAINE May, 1988

PROJECT DESIGN ENGINEER	DATE
DESIGN - DETAIL	6-88
REVISIONS	
FIELD CHANGES	
PLANS	

BRUNING 44-132-5710-1