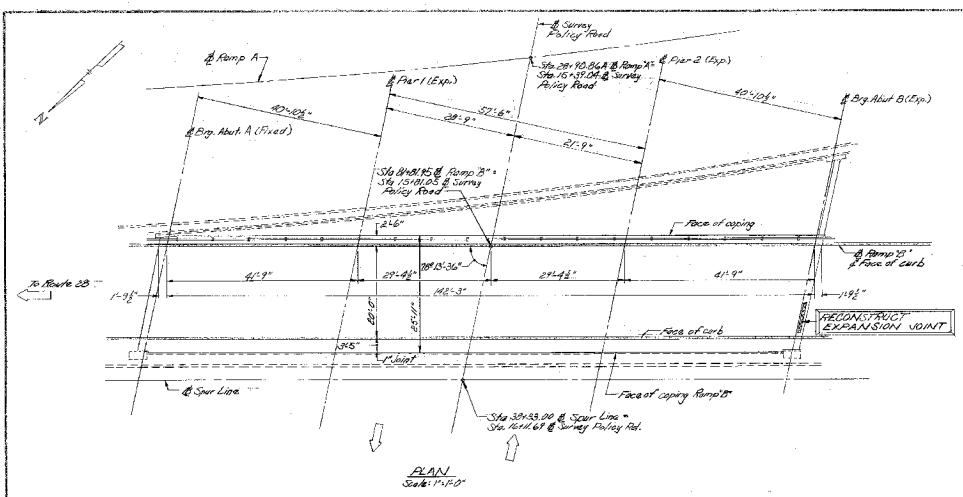
FED. ROAD DIV. NO.	STATE	PROJ.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	N.H.				



PLAN
Scale: 1"=1'-0"

SUMMARY OF BRIDGE QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.1	Granular Backfill (Bridge)	3	C.Y.
403.9	Hot Bituminous Bridge Wearing Course	1.8	Ton
502	Removal of Existing Bridge Structure	1	Unit
504.1	Common Bridge Excavation	3	C.Y.
* 520.01	Concrete, Class AA	1.3	C.Y.
533	Membrane Waterproofing	12	S.Y.
537.1	Sealant Bond Coating for Concrete	18	S.F.
544	Reinforcing Steel	193	Lb.
561.21	Neoprene Expansion Joint, Type B	1	Unit
562.1	Polyurethane Sealant	10	L.F.

* An approved additive shall be mixed into the concrete to accelerate the set in order to minimize the length of time the excavation must be maintained.

NOTES:

1. REMOVAL OF EXISTING BRIDGE STRUCTURE, ITEM 502, INCLUDES:

   A. REMOVING ASPHALT PAVEMENT AND MEMBRANE TO THE LIMITS SHOWN.

   B. REMOVING THE EXISTING EXPANSION JOINT STEEL PLATES AS SHOWN.

   C. REMOVING THE CONCRETE SIDEWALK, GRANITE CURB AND SIDEWALKS TO THE LIMITS SHOWN.

   D. ALL ASPHALT, CONCRETE AND GRANITE CURB SHALL BE SAWN BEFORE REMOVAL AS FOLLOWS: ASPHALT, 2" MIN.; CONCRETE, ¼" MIN.; GRANITE CURB, FULL DEPTH. ALL SAWING SHALL BE AS REQUIRED TO ACCOMPLISH THE REMOVAL IN AN APPROVED MANNER.

2. THE ONE-PIECE PREFABRICATED EXPANSION JOINT ASSEMBLY SHALL BE FABRICATED, FURNISHED AND INSTALLED UNDER 561.21.

   A. ALL WELDED SPLICES SHALL BE FULL STRENGTH WELDS.

   B. STEEL EXTENSIONS SHALL COMPLY WITH AASHTO M161 (ASTM A-242).

   C. THE PREFABRICATED EXPANSION JOINT ASSEMBLY SHALL BE INSTALLED IN THE PREVIOUSLY PREPARED BLACKOUT AT A TIME APPROVED BY THE ENGINEER, WHEN TRAFFIC CAN BE STOPPED WITH A MINIMUM EFFECT. AFTER THE JOINT IS POSITIONED SOLIDLY IN THE BLACKOUT, THE TEMPORARY SUPPORTS SHALL IMMEDIATELY BE POSITIONED TO ALLOW TRAFFIC TO USE ONE LANE OF THE BRIDGE, WHILE THE EXPANSION JOINT IS ACCURATELY POSITIONED AND ATTACHED TO THE BRIDGE, ONE HALF-WIDTH OF THE ROADWAY AT A TIME. THE BLACKOUT CONCRETE SHALL ALSO BE PLACED WITH A MINIMUM DISRUPTION OF TRAFFIC, ONE HALF-WIDTH AT A TIME.

   D. ANY JOINTS BETWEEN ADJACENT STEEL PLATES SHALL BE SEAL WELDED TO PROVIDE A WATER TIGHT JOINT. ANY JOINTS BETWEEN STEEL AND CONCRETE OR GRANITE WALLS ARE REQUIRED SHALL BE SEALED WITH POLYURETHANE SEALANT, ITEM 562.1.

   E. ALL WELDING OF THE STEEL EXTENSION TO THE EXISTING STEEL SHALL BE ACCOMPLISHED BY ANY MEANS NECESSARY TO KEEP THE HEAT BUILD-UP TRANSMITTED TO THE NEOPRENE SEAL TO A MINIMUM.

Δ	DESCRIPTION	BY	DATE
	REVISIONS		

STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BRIDGE DESIGN DIVISION

TOWN SALEM — BRIDGE NO. 083/061 (083/072)
FEDERAL PROJECT: — STATE PROJECT: F-2708
LOCATION ROAD B OVER POLICY ROAD

EXPANSION JOINT RECONSTRUCTION

	BY	DATE		BY	DATE
DESIGNED	RFP	9/75	CHECKED	JAM	10/75
DRAWN	JAM	9/75	CHECKED	VEB	10/75
TRACED	JAM	9/75	CHECKED	VEB	10/75
QUANTITIES	RFP	9/75	CHECKED	JAM	10/75

BRIDGE SHEET NO. 1 OF 2
FILE NUMBER 33-54-1
REVIEWED BY
PROJ. NO. F-2708
SHEET NO. 10
TOTAL SHEETS 11

19-3-3