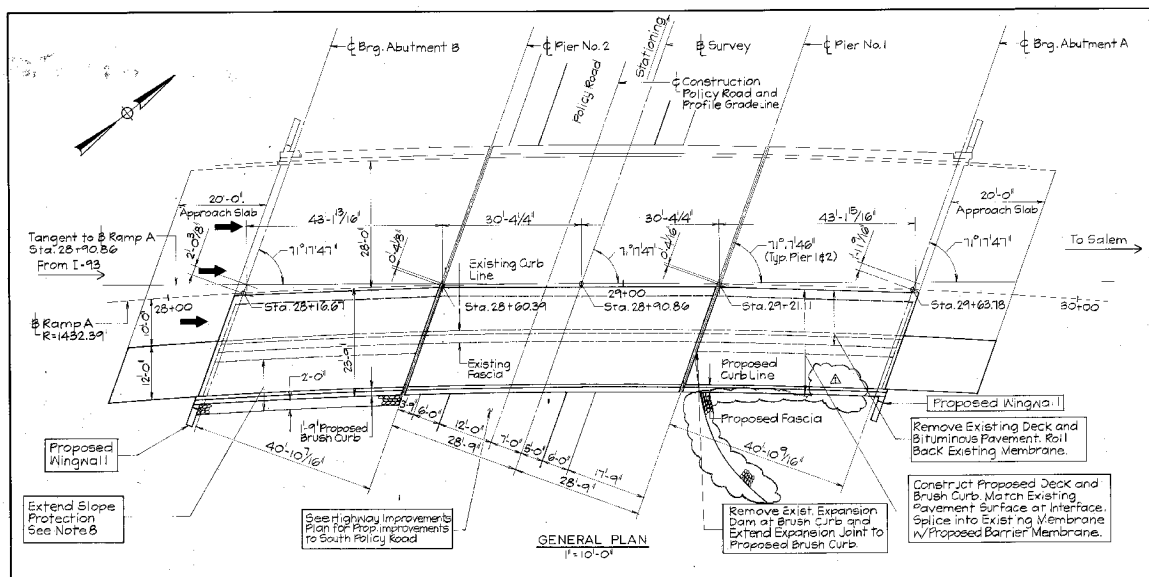
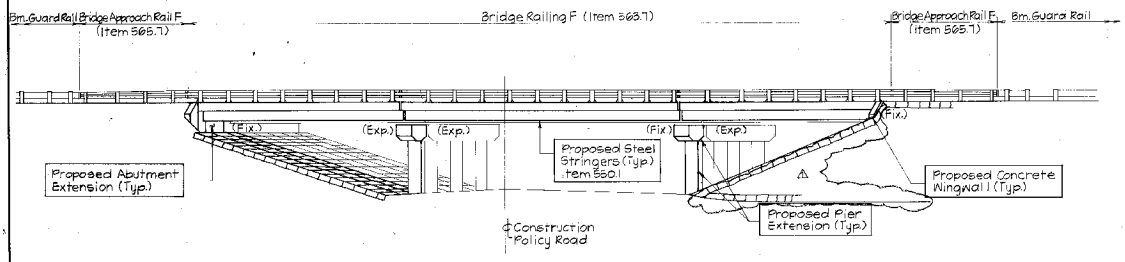


GENERAL PLAN
1" = 10'-0"



ELEVATION
1" = 10'

GENERAL NOTES:

1. Design: HS20-44 Truck loading as modified for military loading.
2. Specifications: AASHTO 1989 and NHDP/WBH Standard Specifications 1983 as amended and Special Provisions, and Supplemental Specifications.
3. Reinforcing steel: Existing allowable f_s = 18,000 psi. New shall be Grade 60, AASHTO M31 (ASTM A615). All reinforcing steel shall be epoxy coated except in footings.
4. Structural steel: AASHTO M270 (ASTM A709) Grade 36, painted, except as otherwise allowed.
5. The existing concrete bridge deck shall be removed from the south fascia to the first interior stringer. The abutment curtain walls shall be removed as shown in the plans (Item 502).
6. Bituminous pavement on the existing bridge deck shall be removed to the limits shown on the plans (Item 511.06).
7. Prior to patching or placing proposed concrete against existing concrete surfaces, a NHDOT approved bonding agent shall be applied to existing concrete surfaces.
8. Repair and extend existing slope protection as shown on plans and as directed by the Engineer. Use Riprap A (Item 583.1).
9. The Contractor may obtain a copy of the existing bridge plans from the NHDOT Bridge Design Division.
10. The Contractor shall take special care and precautions to insure that no debris falls onto the roadway below the bridge during construction operations. Cost of all protective measures shall be included under Item 502.
11. Dimensions and elevations shown on these contract plans have been obtained from available plans of the existing structure and limited field investigation and may not accurately reflect actual field conditions. Accordingly, the Contractor will be responsible for making field measurements of all existing structure components impacted by the new work to assure consistency with the proposed modifications. Any discrepancies in dimensions, character or extent of the existing features shall be brought to the attention of the Engineer before advancing the work. Shop drawings required for various items of the work shall indicate the actual field measurements and shall be so noted.
12. The existing bridge rail and granite curb shall be removed and salvaged to the State (Item 502).
13. All salvaged components shall be stockpiled by the Contractor in a location convenient for pick-up by State Bridge Maintenance Division within the project limits.
14. All existing utility conduits or cables crossing over and under Ramp "A" will be relocated prior to construction by the Contractor.
15. Extreme care shall be taken not to damage the top flange of existing stringers during concrete deck removal operations. Any damage shall be reported immediately to the Engineer and repaired as directed at the Contractor's expense.

INDEX OF SHEETS

BRIDGE SHEET NUMBER	DESCRIPTION
1	General Plan and Elevation
2	Survey Plan and Profile
3	Log of Borings
4	Phase Construction Sequence
5	Abutment A Masonry
6	Abutment B Masonry
7	Abutment and Pier Details
8	Abutments A and B Reinforcement
9	Pier 1 & 2 Masonry and Reinforcement
10	Typical Sections and Details
11	Framing Plan
12	Superstructure Details
13	Deck Slab Reinforcement
14	Expansion Joint Modifications (1 of 2)
15	Expansion Joint Modifications (2 of 2)
16	Bridge Shoes
17	Bridge Railing Details
18	Approach Rail Details
19	Bridge Rail Splice Bar Details

AUG 28 1990

1	BULLETIN NO 1	SEM	8/28/90
△	DESCRIPTION	BY	DATE

REVISIONS

Kimball Chase
Engineering • Surveying • Land Planning and Design
One Cate Street, Portsmouth, NH 03801 • (603)431-2520
Salem, NH • Concord, NH • Bath, ME

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
BRIDGE DESIGN

TOWN: SALEM — BRIDGE NO. 084/061
FEDERAL PROJECT: — STATE PROJECT:
LOCATION: RAMP A WIDENING OVER POLICY ROAD

GENERAL PLAN AND ELEVATION

	BY	DATE		BY	DATE	BRIDGE SHEET NO.
DESIGNED	SEM	4-90	CHECKED	MTB	7-90	1 OF 19
DRAWN	RH	2-90	CHECKED	MTB	7-90	FILE NUMBER
TRACED			CHECKED			39-4-2
QUANTITIES			CHECKED			

REVIEWED BY — PROJECT NO. — SHEET NO. — TOTAL SHEETS