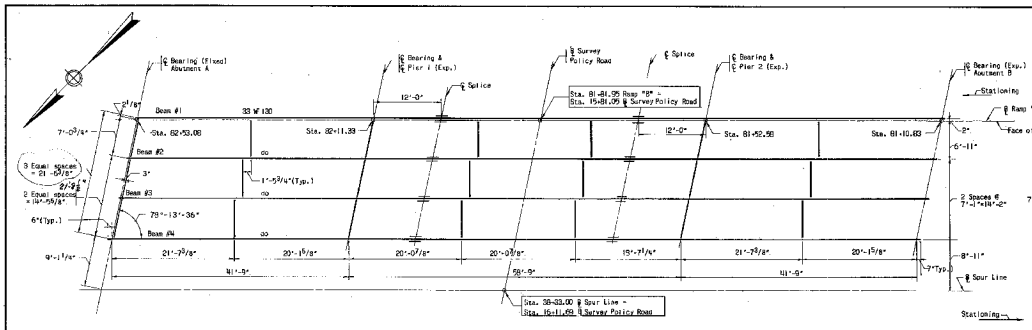
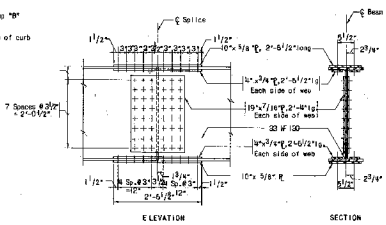
FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	N.H.	I-93-1 (68)1		38	79

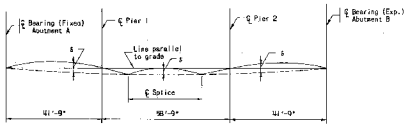


FRAMING PLAN
Scale: 1/8"=1'-0"



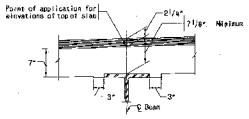
SPLICE DETAIL
Scale: 3/4"=1'-0"

Note: Holes for splicing shall be reamed while beams are shop assembled to fit bearing elevations. Field connections shall be made with 7/8"ø high strength bolts. All holes to be 15/16"ø.



CAMBER DIAGRAM
No Scale

Note: Beams shall be placed with natural mill camber (3) up.

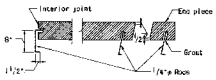


DETAIL FOR SCREED SETTING
Scale: 1"=1'-0"

BEAM NOS.	ABUT. A	1/6	1/3	1/2	2/3	5/6	PIER ℄	1/6	1/3	1/2	2/3	5/6	PIER ℄	1/6	1/3	1/2	2/3	5/6	ABUT. B
1	142.50	142.65	142.90	142.95	143.09	143.23	143.36	143.39	143.50	144.50	144.18	144.39	144.52	144.64	144.76	144.88	144.99	145.10	145.20
2	142.52	142.77	142.92	143.06	143.20	143.35	143.49	143.52	143.62	144.12	144.30	144.57	144.64	144.75	144.86	145.01	145.12	145.23	145.32
3	142.75	142.90	143.03	143.18	143.32	143.46	143.61	143.65	143.75	144.24	144.42	144.59	144.75	144.86	145.01	145.13	145.24	145.35	145.45
4	142.95	143.00	143.15	143.30	143.44	143.58	143.73	143.76	143.86	144.35	144.54	144.71	144.85	145.01	145.13	145.26	145.37	145.48	145.58

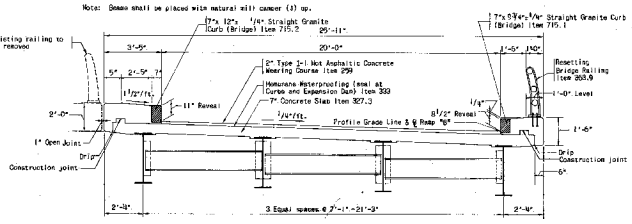
TOP OF CONCRETE SLAB ELEVATIONS FOR SCREED SETTING *

* Note: Elevations shown are finished top of deck elevations adjusted for total dead load deflection less the deflection due to steel.



CURB ANCHOR DETAIL
No Scale

Note: Curb anchors 1/4"ø, two per stone, staggered in adjacent stones and countersunk. Cost to be subsidiary.



TYPICAL CROSS SECTION
Scale: 3/8"=1'-0"

Note: Construction joints in bridge deck resulting from the pouring sequence shall be sealed water tight. Cost to be subsidiary.

ITEM	DESCRIPTION	QUANTITY	UNIT
299	Type I-1 Hot Asphaltic Conc. W.C. for Bridges	39	Tons
327.3	Concrete Bridge Deck (11% C.Y.)*	1	Unit
339	Membrane Waterproofing	336	S.Y.
394	Water Repellent	10	Gal.
396	Reinforcing Steel	28,228	Lbs.
351.3	Structural Steel (85,300 Lbs.)*	1	Unit
352	Bridge Shoes	1	Unit
362	Sealer for Expansion Joints in Bridges	660	C.L.
363.9	Resetting Bridge Railing	156.0	L.F.
715.1	9 3/4"x7"Straight Granite Curb (Bridge)	146	L.F.
715.2	12"x7" Straight Granite Curb (Bridge)	146	L.F.
363.62	Bridge Railing F	77.4	L.F.

SUPERSTRUCTURE QUANTITIES

* Approximate quantity for estimating purposes only.

Notes:
1. All diaphragms shall be 15(33.9.
2. Intermediate diaphragms shall be set normal to beams.
3. All structural steel shall conform to A.S.T.M. Designation A36.
4. For details of expansion dam, see Bridge Sheet 10.
5. For details of bridge shoes, and railing details, see Bridge Sheet 9.
6. For diaphragm details, see Bridge Sheet 9.
7. Stiffener plates at the outside face of exterior beams at ℄ bearing of piers and Abutment A shall be placed normal to the ℄ beams.
8. Framing members and connections subject to repeated variations of stress are designed for A.A.S.H.O. loading condition No. 3.

△	DESCRIPTION	BY	DATE

REVISIONS

THE CLARKESON ENGINEERING CO., INC.
CONSULTING ENGINEERS
WELLESLEY MASSACHUSETTS

STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

TOWN SALEM BRIDGE NO. 083/061
FEDERAL PROJECT I-93-1(68)1 STATE PROJECT P-7252

RAMP B
OVER
POLICY ROAD

FRAMING PLAN AND CROSS SECTION

	BY	DATE		BY	DATE	BRIDGE SHEET NO.
DESIGNED	S.G.F.	6-54	CHECKED	S.H.G.	6-54	7 of 10
DRAWN	A.K.	6-54	CHECKED	S.H.G.	6-54	
TRACED	S.H.G.	6-54	CHECKED	S.P.	6-54	FILE NUMBER
QUANTITIES	S.P.	7-54	CHECKED	S.G.F.	7-54	19-3-5

PROJ. NO.	SHEET NO.	TOTAL SHEETS
I-93-1(68)1	38	79