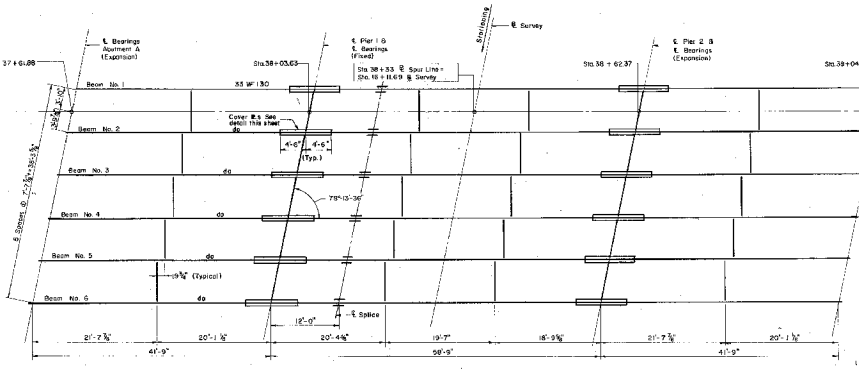
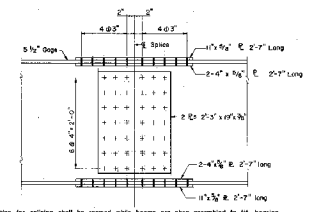
FED. ROAD ADM. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	N. H.	S 93 (13) 11		23	143



FRAMING PLAN

Scale: 1/16" = 1'-0"

Notes: 1. All diaphragms to be 18 C 42.7
2. No camber required for beams. Place beams with lateral camber up.
3. For diaphragm, bearing and railing details, see Bridge Sheet No. 9
4. For expansion dam details, see Bridge Sheet No. 10.
5. Order of placing superstructure concrete shall meet with the approval of the Engineer.
6. All exposed edges of concrete shall have 1" chamfer.



Note: Holes for splicing shall be reamed while beams are shop assembled to fit bearing elevations. Field connections shall be made with 7/8" ϕ rivets or high tensile steel bolts.

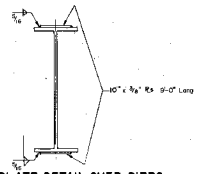
BEAM SPLICE DETAIL

Scale: 1" = 1'-0"

ROADWAY FINISHED GRADE ELEVATIONS

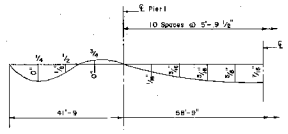
Beam No.	℄ Abut. A	1/4	1/2	3/4	℄ Pier 1	1/4	1/2	3/4	℄ Pier 2	1/4	1/2	3/4	℄ Abut. B
1.	143.30	143.53	143.77	143.99	144.21	144.51	144.73	145.08	145.35	145.54	145.72	145.89	146.07
2.	143.38	143.63	143.85	144.07	144.30	144.60	144.89	145.18	145.45	145.62	145.81	145.98	146.16
3.	143.20	143.44	143.67	143.89	144.11	144.41	144.70	144.98	145.26	145.45	145.63	145.81	145.98
4.	143.01	143.24	143.47	143.70	143.92	144.23	144.52	144.80	145.07	145.26	145.44	145.62	145.80
5.	142.81	143.04	143.28	143.50	143.72	144.03	144.32	144.61	144.88	145.08	145.26	145.44	145.61
6.	142.63	142.86	143.09	143.32	143.55	143.85	144.15	144.43	144.71	144.89	145.08	145.26	145.44

Note: Finished grade elevations given on ℄ beam.



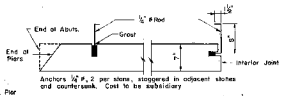
COVER PLATE DETAIL OVER PIERS

Scale: 1" = 1'-0"



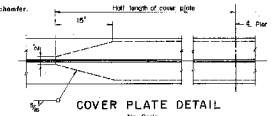
DEAD LOAD DEFLECTION DIAGRAM

No Scale



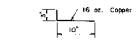
Anchors, 1/2" ϕ, 2 per stone, staggered in adjacent stones and countersunk. Cost to be subsidiary

ANCHOR DETAIL



COVER PLATE DETAIL

No Scale

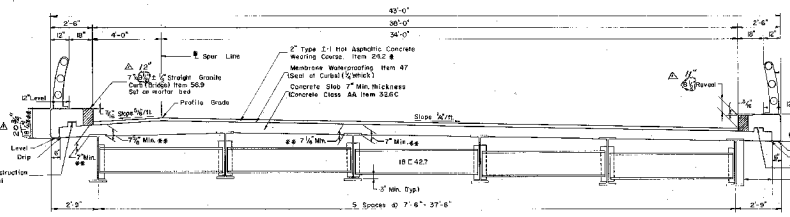


FLASHING DETAIL

Copper flashing to be lapped and soldered. Cost to be subsidiary.

ESTIMATE OF SUPERSTRUCTURE QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	
24.2	Type I-1 Hot Asphaltic Concrete Wearing Course	70	Tons
32.6 C	Concrete Class AA	1	Unit
35	Reinforcing Steel	△ 32,981 (32,812)	Lbs.
38.1 C	Structural Steel	1	Unit
39.2 C	Bridge Shoes	1	Unit
44	Bridge Railing F	276.3	L.F.
47	Membrane Waterproofing	630	S.Y.
56.9	Straight Granite Curb (Bridge)	287	L.F.

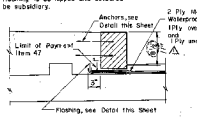


Roadway slab overhang to be level at ℄ bearings, but will be adjusted at other points to correct for 86% of dead load deflection as modified by natural camber and vertical curve.

Thickness of Type I-1 Hot Asphaltic Concrete wearing course will vary to make final adjustment in grade.

TYPICAL CROSS SECTION

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



SECTION OF CURB

CURB DETAILS

Scale: 1" = 1'-0"

△	Revised curb height 4 rows steel 10/16/90	
△	DESCRIPTION	BY / DATE

REVISIONS

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

STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

TOWN SALEM — BRIDGE NO. 083/061
FEDERAL PROJECT L-93-1(5) 11 — STATE PROJECT P-3688-B

SPUR LINE OVER POLICY ROAD

FRAMING PLAN AND TYPICAL SECTION

	BY	DATE		BY	DATE	SHEET NO.
DESIGNED	D.S.	9/89	CHECKED	C.J.M.	10/89	7 of 10
DRAWN	F.E.S.	9/89	CHECKED	C.J.M.	10/89	REF. NUMBER
TRACED	R.E.T.	9/89	CHECKED	C.J.M.	10/89	13-1-4
QUANTITIES	N.R.	10/89	CHECKED	C.J.M.	10/89	

PROJ. NO.	SHEET NO.	TOTAL SHEETS
S 93-1(5) 11	23	143