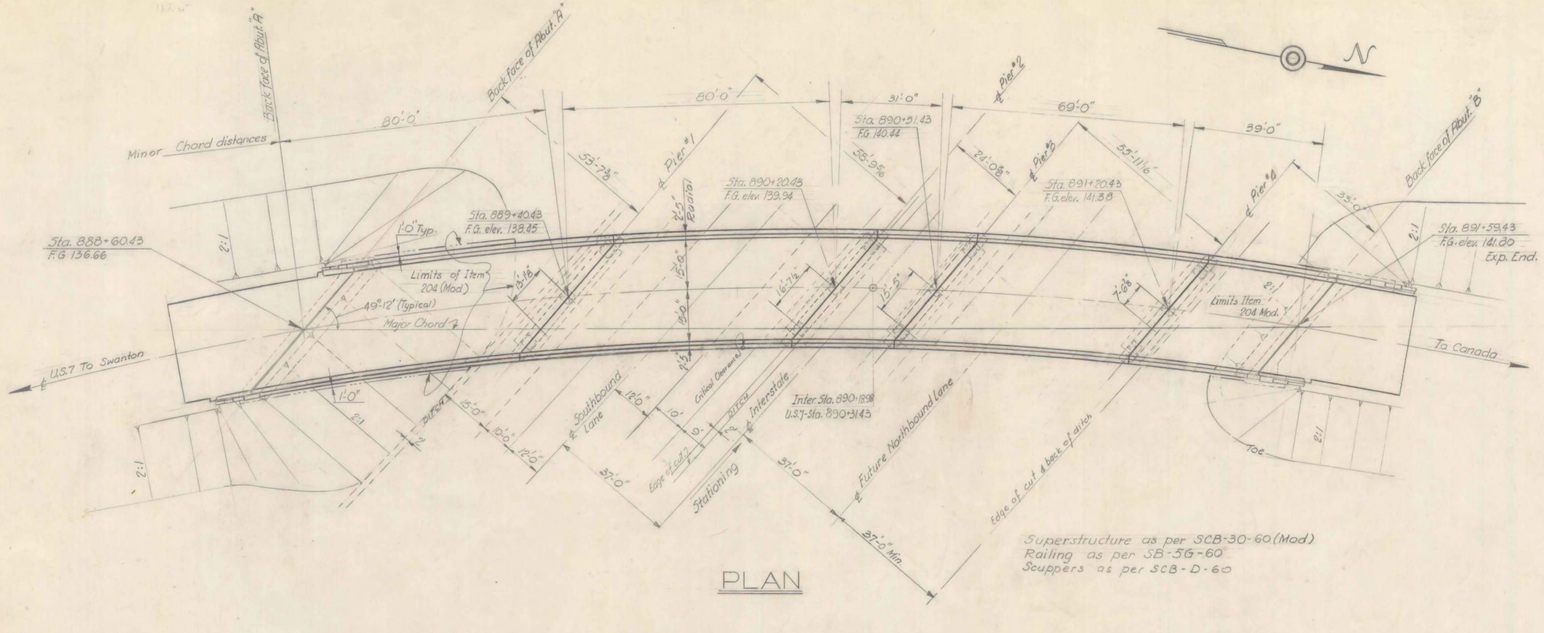
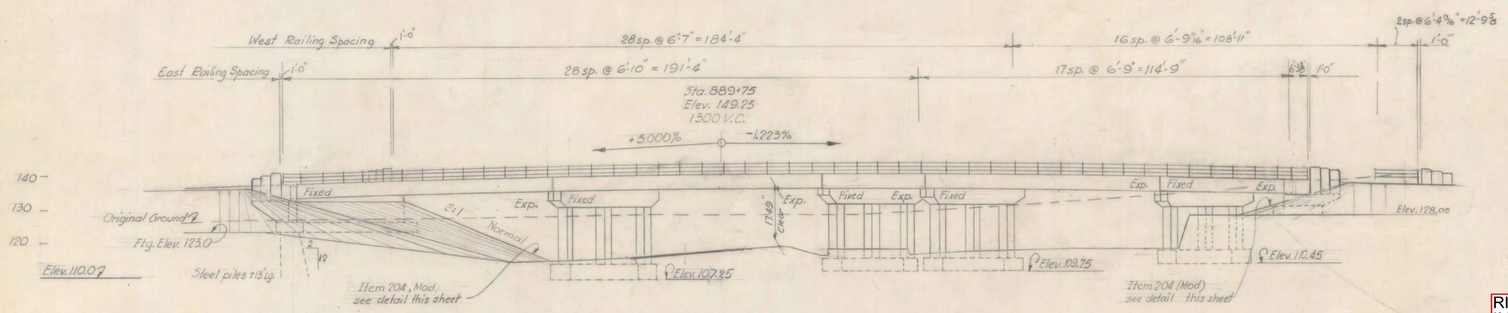
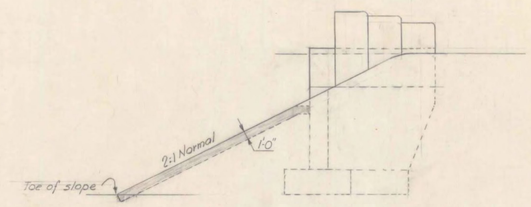


PLAN



ELEVATION

Superstructure as per SCB-30-60 (Mod)
Railing as per SB-5G-60
Scuppers as per SCB-D-60



ITEM 204 (MOD)

scale: None

General Notes:

1. All materials and construction shall conform to the State of Vermont, Department of Highways, Standard Specifications for Road & Bridge Construction dated Jan. 1956 and the A.A.S.H.O. Standard Specifications dated 1957 Designed for H20-S16-44 loading
2. All beams shall be rolled to a true circular camber the middle ordinate being that shown on the framing plan.
3. Final coat of field paint shall be Green, unless otherwise directed by the engineer
4. All dimensions are measured horizontally or vertically unless otherwise noted.
5. All dimensions given at 68°F.
6. All reinforcing to have a clear cover 3", unless otherwise noted
7. All exposed edges of concrete shall be chamfered 1½" unless otherwise noted
8. Borings indicated on the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions
9. Steel Bearing Piles shall be driven to ledge rock unless otherwise approved by the Engineer. When Piles are driven in fill, the material should be such as to have no stones large enough to interfere with the driving of piles
10. The top surface of all piers and abutments shall be sloped ¼" per ft. from the back edge of abutments or the centerline of piers, except for bearing pads projecting 1" or more above the general area, which surfaces shall be level. These sloping surfaces shall be coated with asphaltic asbestos coating ⅛" thick as per Item 407 of specifications. The application of this item shall be after all painting and incidental items are completed.
11. Where rock is encountered, no footings shall be poured until all blasting in an area as noted in special provisions has been completed.
12. All dimenions given are measured horizontally or vertically unless otherwise noted.
13. Elevation datum sea level based on neorest U. S. Government vertical control.
14. Cross slope of approach slab to conform with the cross slope of bridge.
15. All expansion material shall be premoulded cork containing no bituminous or asphalt.

RICHMOND-HIGHGATE
IM BPNT(9)
SHEET 29 OF 30
BRIDGE 101
FOR INFORMATION ONLY

List of drawings

BR26 - Preliminary Information sheet
BR27 - Plan & Elevation
BR28 - Abutment "A" details
BR29 - Abutment "B" details
BR30 - Pier 1 & 2
BR31 - Pier 3 & 4
BR32 - Framing plan & approach slabs
BR33-34 - Reinf. Steel Details
BR20 - SCB-D-60 - Details of WF Beam Bridges
BR21 - SCB-30-60 Superstructure
BR22 - SB-20-60 Bearing device & diaphragm
BR25 - SB-22-60 Exp. Jt. Details
BR23-24 - SB-5G-60 Railing Details - Sheet 1 & 2

~SUMMARY OF QUANTITIES~

	ITEM No.	ITEM	UNIT	NET				FINAL
*	102-A	GRANULAR BORROW	C.Y.	1170				
	401-D	Concrete Class D (Mod)	C.Y.	~~557~~				615
	204	Sub-base of Crushed Rock, Mod. (UNDER STRUCTURE)	C.Y.	~~102~~				127
*	361 B	Bitum. Concr. Pavement (Mod)	Ton	136				
	107	STRUCT. EXCAV.	C.Y.	~~450~~				552
	401-B	CONC. CLASS B (MOD.)	C.Y.	~~406~~				430
	402	REINF. STEEL	LBS.	~~130,503~~				142,723
	407	ASPHALTIC-ASB. COATING	S.Y.	~~53~~				99
*	318	TAR EMULSION FOR BRIDGE FLOORS	GAL.	496				
		Cut-offs @ 50% Unit Price		0				129
	504	STEEL PILING (12BP53)	L.F.	~~200~~				217
*	372C	JOINT SEALER - Preformed	L.F.	238				
	403	Spiral Reinforcement (6B30")	L.S.	1 ✓				1
	404-A	Structural Steel	Lbs	~~369,000~~				368,691
	501	Furnishing Equipment for driving piles	L.S.	½ ✓				½
	556-C	Granite Bridge Curb (Mod.)	L.F.	~~656~~				663
	572	Bridge Railing	L.F.	622 ✓				622
	322	Gravel Backfill	C.Y.	118				0

*These Items to be included in roadway quantities.

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF SWANTON - HIGHGATE
ROUTE No. I-89 ~~LOC~~ STA. 890+18.98
PLAN AND ELEVATION
U.S.7 OVER INTERSTATE
SCALE 1" = 20 ft. & as noted
SURVEYED BY WEBSTER-MARTIN INC.
DRAWN BY R.W.K. CHECKED BY E.F.P.
PROJECT No. I-89-3(9)
SHEET 81 OF 143 Contract 3

BR27