

ESTIMATED QUANTITIES (BRIDGE ONLY)

ITEM	ITEM	UNIT	NET	TOTAL STAGE I	TOTAL STAGE II	FINAL
107	STRUCTURE EXCAVATION	C.Y.				130
204	SUB-BASE OF GRAVELLED PAV. MOD. UNDER STRUCTURE	C.Y.				109
222	Gravel Backfill	C.Y.				0
312	TAR EMULSION FOR BRIDGE FLOORS	GAL.		270		0
373	RUBBER JOINT MATERIAL	L.F.				122
361-B	BIT. CONC. PAV'T.	TON.				66
401-B	CONCRETE CLASS B, MOD.	C.Y.				245
402	Reinforcing Steel	LB.				66,499
403	Spiral Reinforcement @3040	L.S.				1
404-A	STRUCTURAL STEEL	LB.				156,172
407	ASPHALTIC-ASBESTOS COATING	S.Y.				36
501	FURNISHING EQUIPMENT FOR DRIVING PILES	L.S.				14
401-AA	CONCRETE CLASS AA, MOD. C.Y.					183
503	SPICES FOR STEEL PILING	EA.				20
504	STEEL PILING (12x33)	L.F.				3,237
556C	GRANITE BRIDGE CURB MOD.	L.F.				355
572	BRIDGE RAILING (GALVANIZED METAL)	L.F.				315
372-A	JOINT SEALER HOT BURIED	L.F.				60
594	UNIFORMED TRAFFIC OFFICERS	MAN HR.				0
102-A	GRANULAR BORROW	C.Y.				2160
	Cut-offs @ 50% Unit Price	L.F.				0
						333

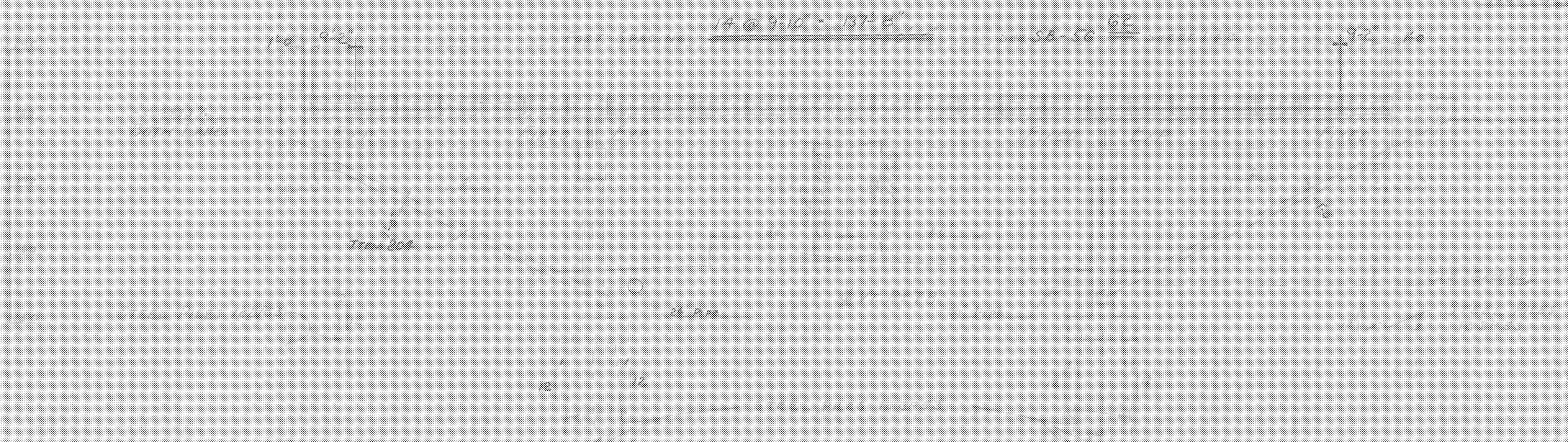
GENERAL NOTES

- All material and construction shall conform to the state of Vermont Department of Highway, Standard Specifications for Road and Bridge Construction dated Jan. 1952 and the AASHTO Standard Specs. dated 1957, designed for 18000 psi loading modified for National System of Interstate Highways applied in accordance with the provision of the AASHTO Standard Specifications, Article 1.8.8.
- Where rock is encountered no footing shall be poured until all blasting in an area 300 feet from the structure has been completed.
- Final coat of field paint shall be green unless otherwise directed by the Engineer.
- All dimensions given are measured horizontally or vertically unless otherwise noted.
- All dimensions given at 68°F.
- All reinforcing steel to have a clearance of 3" unless otherwise noted.
- All exposed edges of concrete shall be chamfered 1" x 1" unless otherwise noted.
- Borings indicated on the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions.
- El. datum sea level based on nearest U.S. Government Vertical Control.
- Steel bearing piles shall be driven to ledge rock unless otherwise approved by the Engineer. When piles are driven in till, the material should be such as to have no stones large enough to interfere with the driving of piles.
- Cross slope of approach slab to conform with the cross slope of bridge.
- The top surfaces of all piers and abutments from the front edge of abutment curtain except for bearing pads projecting 1' or more which surfaces shall be level. The entire ends and piers shall be coated with asphaltic A-20 from 407 of the specs. The application of all painting and incidental items are complete.
- Unless otherwise called for all beams shall be standard structures SCB-14.
- All expansion material shall be premoised cork.

ESTIMATED SUPERSTRUCTURE QUANTITIES STAGE I & II CONSTRUCTION

ITEM	ITEM	UNIT	NET	FINAL
361-B	BIT. CONC. PAVEMENT	TON.		54
401-AA	CONCRETE CLASS AA MOD.	C.Y.		183
402	REINFORCING STEEL @3040	LB.	SEE REINF. SCHEDULE	
403	SPIRAL REINFORCEMENT @3040	L.S.	1 V	1
312	TAR EMULSION FOR BRIDGE FLOORS	GAL.	216	
404-A	STRUCTURAL STEEL	LB.		156,172
556C	GRANITE BRIDGE CURB MOD.	L.F.	324	323
572	BRIDGE RAILING (GALVANIZED METAL)	L.F.	315 V	315
372-A	JOINT SEALER HOT BURIED	L.F.		60
373	RUBBER JOINT MATERIAL	L.F.		122
361-B	BIT. CONC. PAVEMENT	TON.		12
401-B	CONCRETE CLASS B, MOD.	C.Y.		49
402	REINFORCING STEEL	LB.	SEE REINF. SCHEDULE	
556C	GRANITE BRIDGE CURB MOD.	L.F.		32 V
312	TAR EMULSION FOR BRIDGE FLOORS	GAL.	54	

* Note: These items to be included in roadway quantities



ELEVATION

LIST OF BRIDGE SHEETS

SHEET No.	TITLE
BR # 400	PRELIMINARY INFORMATION
BR # 401	PLAN & ELEVATION
BR # 402	SPRINGS
BR # 403	DETAILS OF ABUTTS (NORTH)
BR # 404	DETAILS OF PIER 1 & 2
BR # 405	REINFORCING STEEL SCHEDULE
BR # 406-407	SB-AS G2
	SCB-30 G2
	SCB-D1-G2 THRU SCB-D9-G2
	SB-56 G2 SHEET 1 & 2

RICHMOND-HIGHGATE
IM MEMB(13)
SHEET 25 OF 29
BRIDGE 98S
FOR REFERENCE ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF SHUNTON - HIGHGATE
ROAD No. I-89 BRIDGE No. _____
INTERSTATE OVER ROUTE 78
PLAN & ELEVATION (N.B.)
SCALE 1" = 40'-0"

SURVEYED BY W. J. C. (N.B.) J. J. C. (N.B.)
DRAWN BY A. J. C. (N.B.) CHECKED BY W. J. C. (N.B.)

PROJECT No. I 89-3 (30)
SHEET 25 OF 29