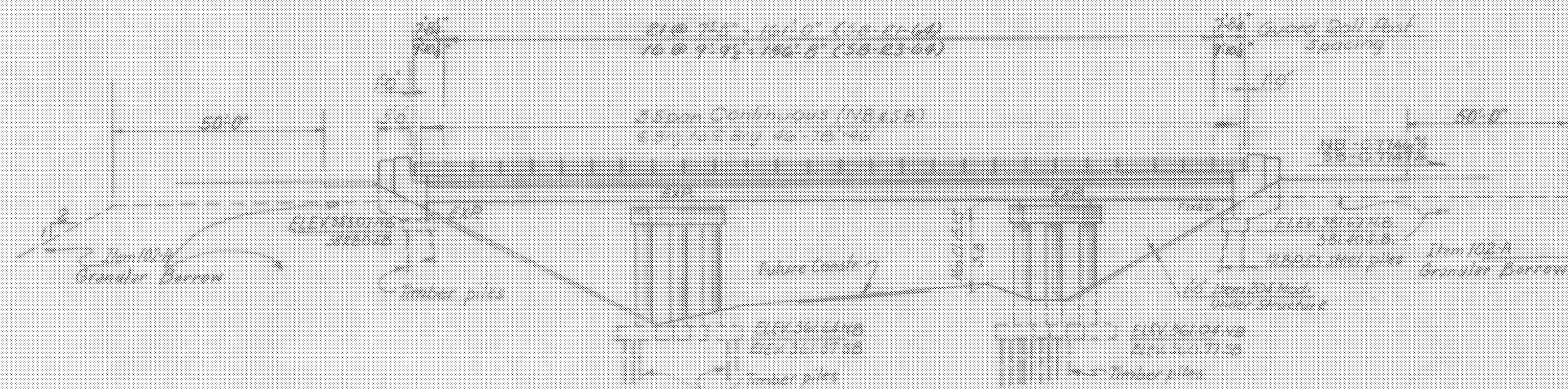
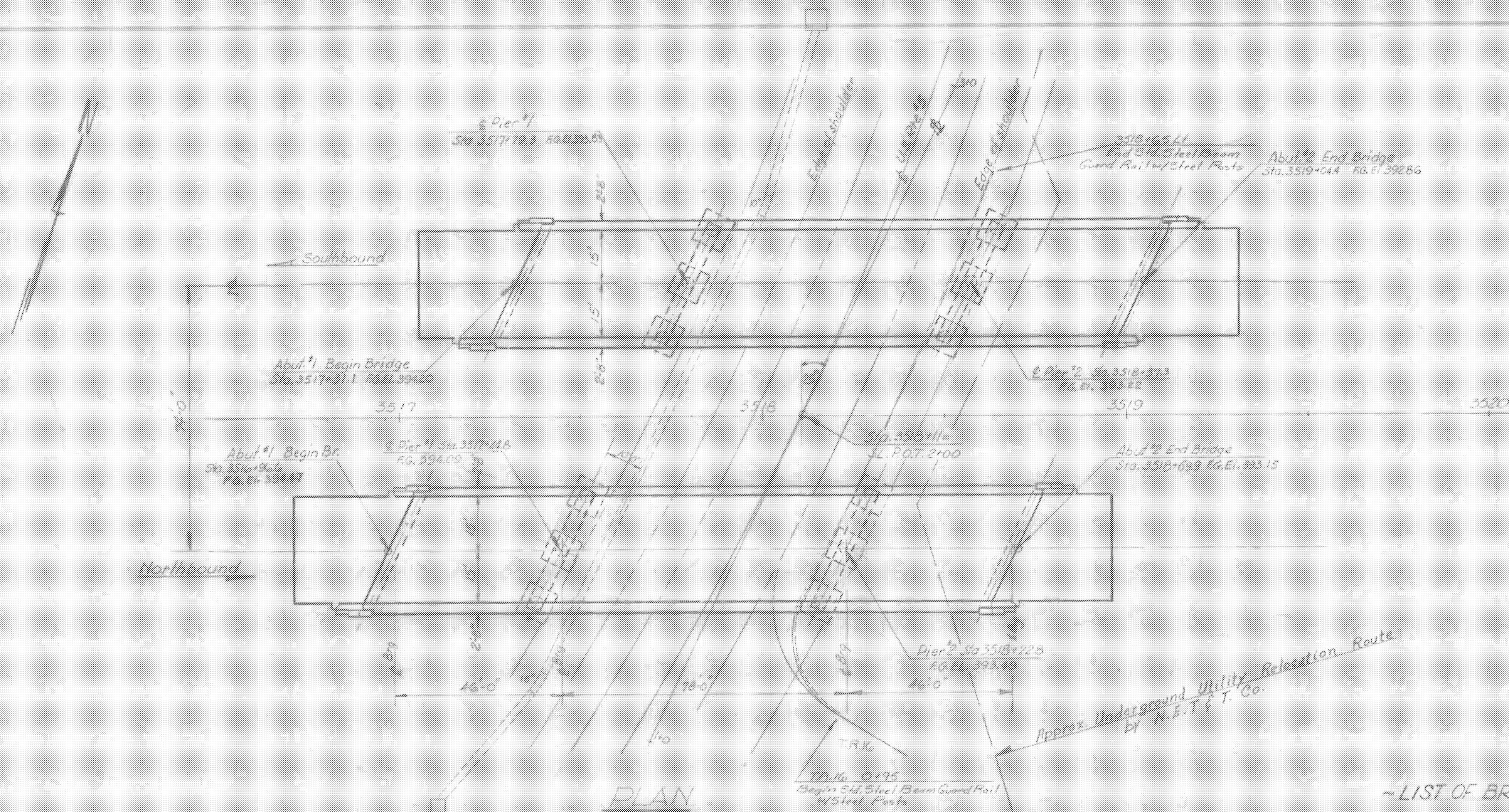




ELEVATION (N.B. shown)
scale 1"=20ft

GENERAL NOTES

- All materials & construction shall conform to the State of Vermont, Dept. of Highways, Standard Specifications for Road & Bridge Construction, dated Jan. 1956, and the AASHTO Standard Specs. dated 1961 designed for H20-S16-44 loading Modified for National System of Interstate Highways applied in accordance with the provision of the AASHTO Standard Specifications, Article 1.2.8.
- All structural steel shall conform to the requirements of the Specs. for Steel Bridges and Buildings, A.S.T.M. Designation A36, unless noted otherwise.
The contractor shall submit complete details of the Structural Steel to the State of Vermont, Dept. of Highways, and receive their written approval prior to start of fabrication. H.S. Bolts shall meet requirements of A.S.T.M. A325, final coat of field paint shall be green spray painting of shop coat will be permitted.
- All exposed edges of concrete shall be chamfered 1"x1" unless otherwise indicated.
- The minimum covering, measured from the face of the concrete to the face of the reinf. shall be 1 1/2" for tops of slabs, 1 1/2" for bottom of slabs, 3" in footings and 2" in other locations.
- All Rock Excavation within 100 feet of the structure shall be completed before the placing of any concrete.
- All dimensions given are measured horizontally or vertically unless otherwise noted; and given at 68°F.
- Borings indicated on the drawings have been made for design purposes only & are not warranted to show actual subsurface conditions.
- Elevation datum sea levels based on nearest U.S. Government Vertical Control.
- Cross slope of approach slab to conform to cross slope of bridge.
- All expansion material shall be Premulcoed Cork, containing no bitumen or asphalt unless otherwise noted.
- The top surfaces of piers & abutments shall be sloped 1/4" per foot from the front edge of abutment, cutinwall, or centerlines of piers, except for bry. pad areas which shall be level. Elevation of bridge seats are given for centerline bearings. The entire exposed top surface of abutments and piers shall be coated with Asphaltic-Asbestos Coating 1/2" thick as per item 407. The application of this item shall be after all painting and incidental items are completed.
- Where Granular Material is indicated around bridge abutments Rock Fill, if available, shall be substituted except in area where piles are to be driven. Whenever materials from excavation are used in embankments requiring granular material they shall be paid for as indicated under Item 101, Excavation.
- Water Repellent, Item 408, shall be applied to exterior concrete surfaces on top of safety walks, on the fascia, and back to the drip head under the slab.

STANDARD DRAWINGS

SB-R1-69, SHEETS 1 & 2
SB-R3-64
SCB-D2-62, Det. A
SCB-D4-62
SCB-D6-62, Det. B & F
SCB-30-62

LIST OF BRIDGE SHEETS

BR 100	PLAN & ELEVATION
BR 101	BRIDGE QUANTITIES
BR 102	PRELIMINARY INFORMATION
BR 103	BORING LOG
BR 104	FRAMING PLAN & BEARINGS
BR 105	TYPICAL SECTION & DETAILS
BR 106	ABUTMENT #1 N.B. & S.B.
BR 107	ABUTMENT #2 N.B. & S.B.
BR 108	PIER #1 N.B. & S.B.
BR 109	PIER #2 N.B. & S.B.
BR 110	PIER #3 N.B. & S.B.
BR 111	APPROACH SLAB N.B. & S.B.
BR 112	REINFORCING STEEL DETAILS

14. Use Item 372-C, TYPE A OR B, IN ALL CASES WHERE STD. DWG. SCB-D2-62 CALLS FOR ITEM 373.

SUPERSTRUCTURE QUANTITIES

ITEM NO.	ITEM	UNIT	N.B.		S.B.	
			NET	REV. TOTAL	FINAL	
	CHAN. EXCAV. OF EARTH	C.Y.				
	CHAN. EXCAV. OF ROCK	C.Y.				
	UNCLASS. CHAN. EXCAV.	C.Y.				
	STRUCT. EXCAV.	C.Y.				
	CONC. CLASS AA (MOD.)	C.Y.	~~186~~	186	~~186~~	187
	CONC. CLASS B (MOD.)	C.Y.				
	REINF. STEEL	LBS.	~~43750~~	43750	~~43750~~	43750
	ASPHALTIC-ASB. COATING	S.Y.				
	TREATED TIMBER PILING	L.F.				
440	WATER REPELLENT	GAL.	~~18.5~~	18.5	~~18.5~~	10
556-C	GRANITE BRIDGE CURB (MOD.)	L.F.	~~343~~	343	~~343~~	343
572	BRIDGE RAILING	L.F.	~~350~~	350	~~350~~	350
518	TAR EMULSION FOR BRIDGE FLOORS	GAL.	~~226~~	226	~~226~~	226
361-B	BITUMINOUS CONCRETE PAVEMENT (MOD.)	TON	~~40~~	40	~~40~~	40
372-A	JOINT SEALER - HOT POURED	L.F.	~~33~~	33	~~33~~	33
404-A	STRUCTURAL STEEL	LBS.	~~130,449~~	130,449	~~130,449~~	130,449
501	FURNISHING EQUIPMENT FOR DRIVING PILES	L.S.	~~4.1~~	4.1	~~4.1~~	4.1

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF HARTLAND-HARTFORD

ROUTE NO. 191 STA. 3518+0

INTERSTATE OVER U.S. RT. 5

PLAN & ELEVATION

SCALE 1"=20ft

SURVEYED BY

DRAWN BY R.M. Kowalski CHECKED BY D.H.R.

PROJECT NO. 191-1(22) CONT. 4 (31)

BR-100 SHEET 38 OF 103 Sheet 16 of 242

WINDSOR-HARTLAND
IM MEMB(14)

SHEET 30 OF 39
BRIDGE 39N&S
FOR REFERENCE ONLY