

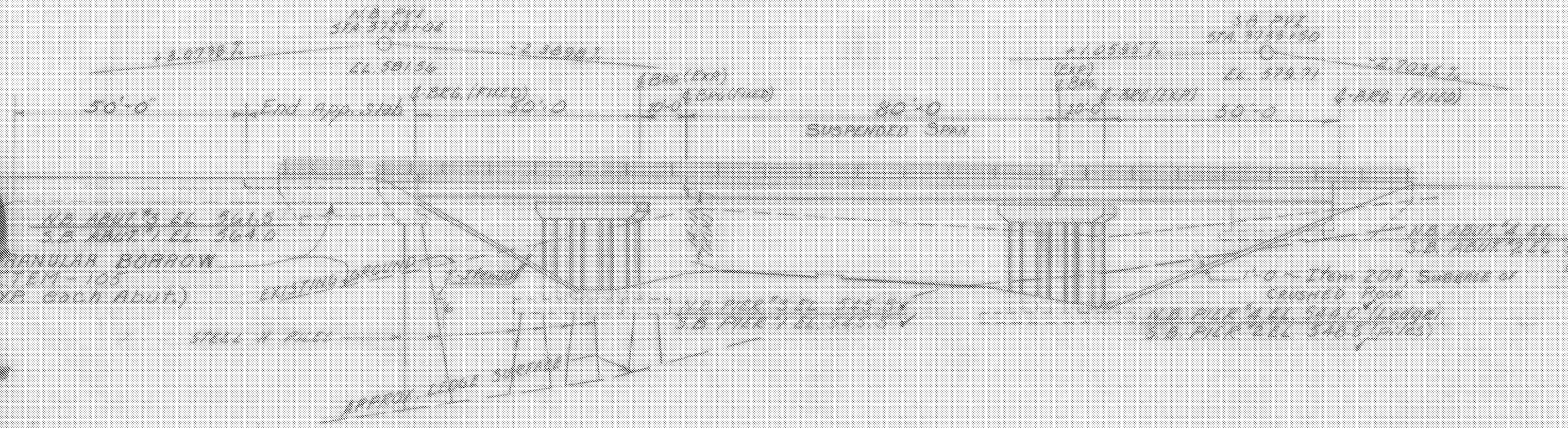
PLAN
SCALE 1/4" = 20 FT.

GENERAL NOTES

1. GENERAL NOTES AS SHOWN ON SCB-D1-65 APPLY UNLESS NOTED BELOW OR ON THE DETAIL SHEETS.
2. STRUCTURAL STEEL: CAMBER STRINGERS FOR DEAD LOAD DEFLECTION PLUS EFFECT OF VERTICAL CURVE.
3. BRIDGE RAILING: SPACE RAILING POSTS SO AS TO CLEAR ALL JOINTS AND EXPANSION PLATES BY 1/2" MINIMUM. PROVIDE 2" EXPANSION CLEARANCE IN BRIDGE RAILING JOINTS AT THE FINGER PLATE EXPANSION DEVICE.
4. REINFORCING STEEL: MINIMUM COVER FROM FACE OF CONCRETE TO REINFORCING STEEL SHALL BE 3" IN FOOTINGS; 2" ELSEWHERE EXCEPT AS OTHERWISE NOTED. MINIMUM SPLICE LENGTH IS 40 BAR DIAMETERS.
5. SHEAR CONNECTORS, ITEM 403: SPACING INDICATED IS FOR 3/4" x 7" STUDS. OTHER TYPES OF CONNECTORS MAY BE SUBSTITUTED AS NOTED ON SCB-D1-65.
6. STEEL PILING, ITEM 503-C, SHALL BE DRIVEN TO POINT BEARING ON LEDGE.
7. PLACEMENT OF DECK CONCRETE: USE SEQUENCE INDICATED IF USE OF RETARDING ADMIXTURE IS NOT DIRECTED. IF THE USE OF RETARDING ADMIXTURE IS DIRECTED, THE SEQUENCE MUST PROVIDE THAT BOTH END SPANS BE LOADED PRIOR TO PLACING THE SUSPENDED SPAN, TO PREVENT UPLIFT AT ABUTMENTS.
8. BRIDGE RAILING: EITHER ALUMINUM OR GALVANIZED STEEL RAIL, AS DETAILED ON SB-R1-64 AND SB-R2-65 RESPECTIVELY, MAY BE FURNISHED AT THE OPTION OF THE CONTRACTOR.

LIST OF BRIDGE SHEETS

BR101	PLAN & ELEVATION	BR118	APPROACH SLAB NO. 1
BR102	BRIDGE QUANTITY SHEET	BR119	APPROACH SLAB NO. 2
BR103	PRELIMINARY INFORMATION SHEET	BR120	APPROACH SLAB NO. 3
BR104	BORING LOG	BR121	APPROACH SLAB NO. 4
BR105	BORING LOG	BR122	REINFORCING SCHEDULE
BR106	SOUTHBOUND FRAMING PLAN & TYPICAL SECTION	BR123	REINFORCING SCHEDULE
BR107	NORTHBOUND FRAMING PLAN & TYPICAL SECTION	BR124	REINFORCING SCHEDULE
BR108	CURB, SCUPPER AND TROUGH DETAILS	SCB-D1-65	
BR109	JOINT DIAPHRAGMS AND PIER BEARING DETAILS	SCB-D2-65	
BR110	ABUTMENT NO. 1	SCB-D3-65	
BR111	ABUTMENT NO. 2	SCB-D4-65	
BR112	PIER NO. 1 & PIER NO. 2	SCB-D5-65	
BR113	ABUTMENT NO. 3	SCB-D6-65	
BR114	ABUTMENT NO. 4	SCB-D8-65	
BR115	ABUTMENT NO. 4 DETAILS	SCB-D9-65	
BR116	PIER NO. 3	SB-R1-64 SHEET 1 OF 2	
BR117	PIER NO. 4	SB-R1-64 SHEET 2 OF 2	
		SB-R2-65	
		G-3a	



ELEVATION ~ N.B. FASCIA
SCALE 1/4" = 20 FT.

* Stage II Quantities

ITEM NO.	ITEM	UNIT	SUPERSTRUCTURE QUANTITIES		FINAL	
			SB NET	NB NET	S.B. Tot.	N.B. Tot.
3/8	TAR EMULSION FOR BRIDGE FLOORS	GAL.	375	333	*	*
361-B	BITUMINOUS CONCRETE PAVEMENT	TON	80	70	*	*
401-AA	CONC. CLASS AA (MOD.)	C.Y.	276	246	290	254
402	REINF. STEEL	LBS.	69,690	61,919	69,696	61,909
403	SHEAR CONNECTORS (6.968")	LS	73	75	75	6/13
404-A	STRUCTURAL STEEL	LBS.	257,200	255,500	296,819	257,067
408	RETARDING ADMIXTURE FOR CONC	UNIT	276	246	192	0
440	WATER REPELLENT	GAL.	22	21	22	21
556-C	GRANITE BRIDGE CURB	L.F.	445	445	407	406
572	BRIDGE RAILING	L.F.	449	445	448	444

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
TOWN OF HARTFORD
ROAD No. I-91 BRIDGE No. 434MS
INTERSTATE OVER U.S. 5
PLAN AND ELEVATION
SCALE As Shown

SURVEYED BY
DRAWN BY R.L.O. CHECKED BY W.B.T.
PROJECT NO. I-91-2(2) (2)
SHEET 89 OF 219
BR 101 of 124

184-B

HARTFORD-SHARON
IM MEMB(15)
SHEET 30 OF 47
BRIDGE 43S
FOR REFERENCE ONLY