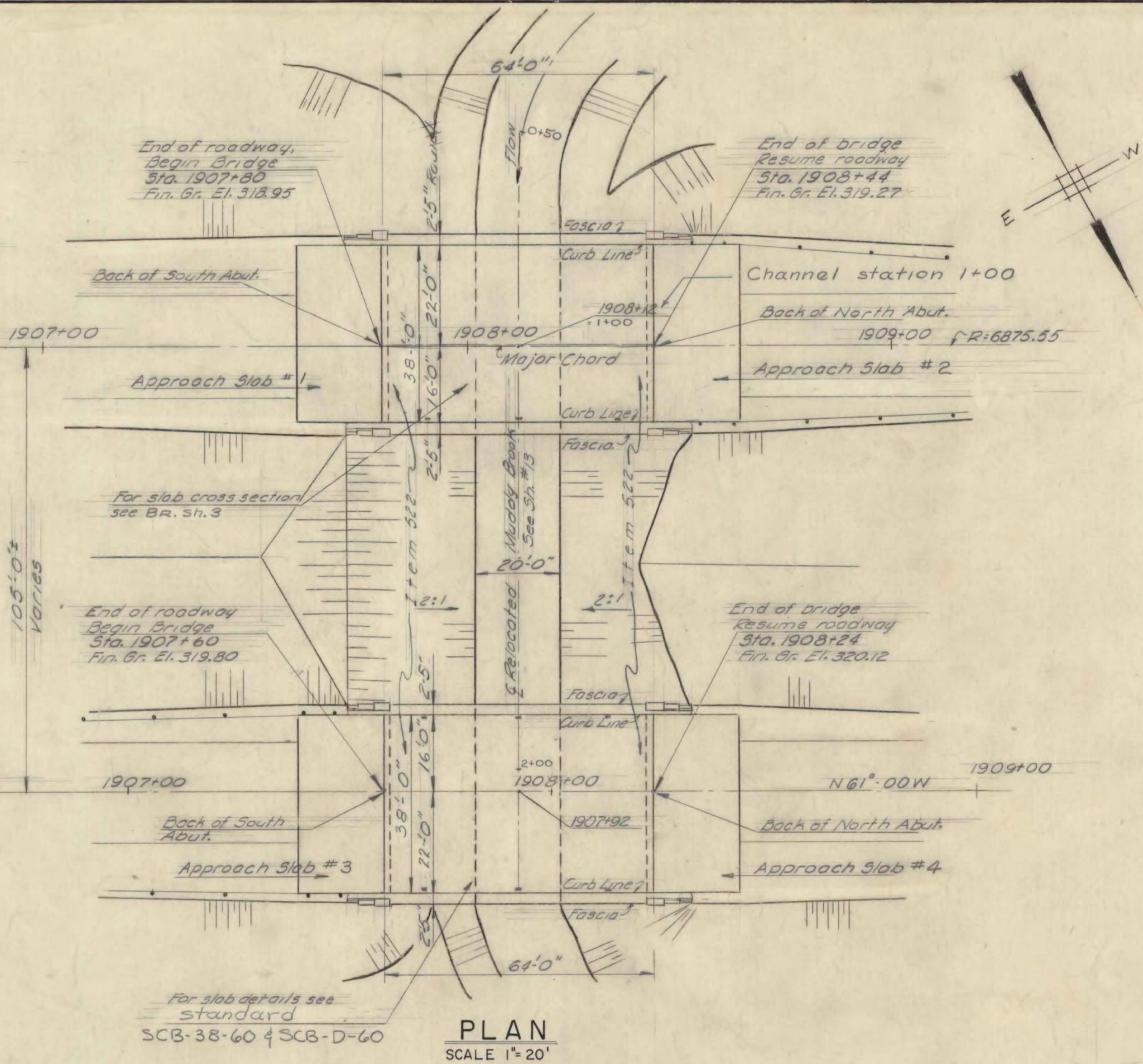
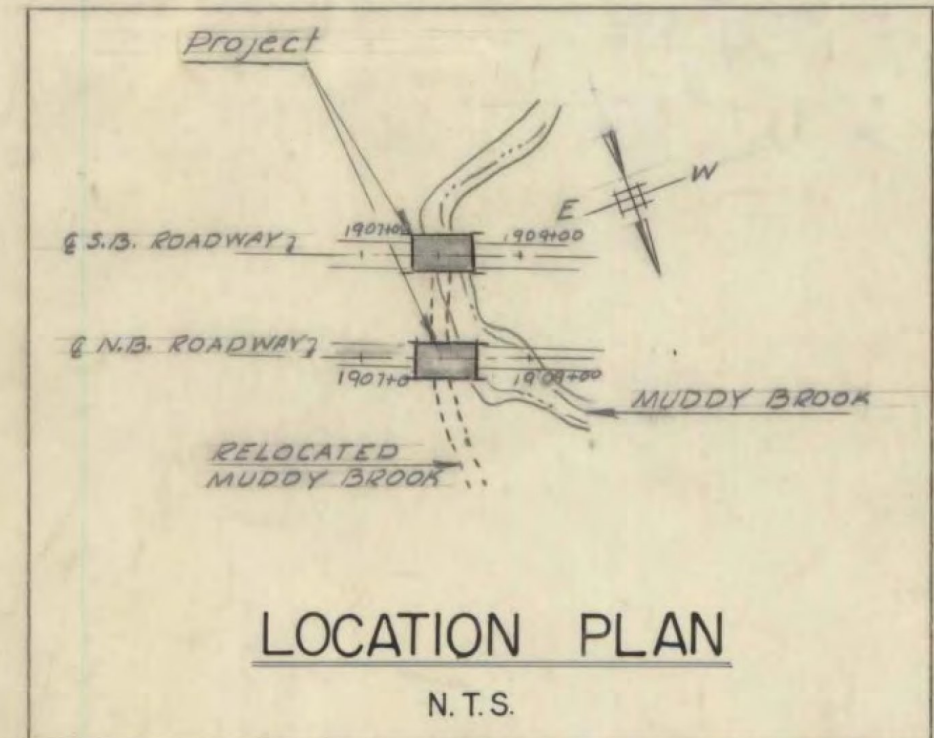


Curve Data (S.B. Roadway)
 R=6875.55
 D=0°50'00" (Chord def.)
 Δ=21°00'00" ΔI
 T=1274.10'
 L=117.10'
 Bank 1/4" per foot

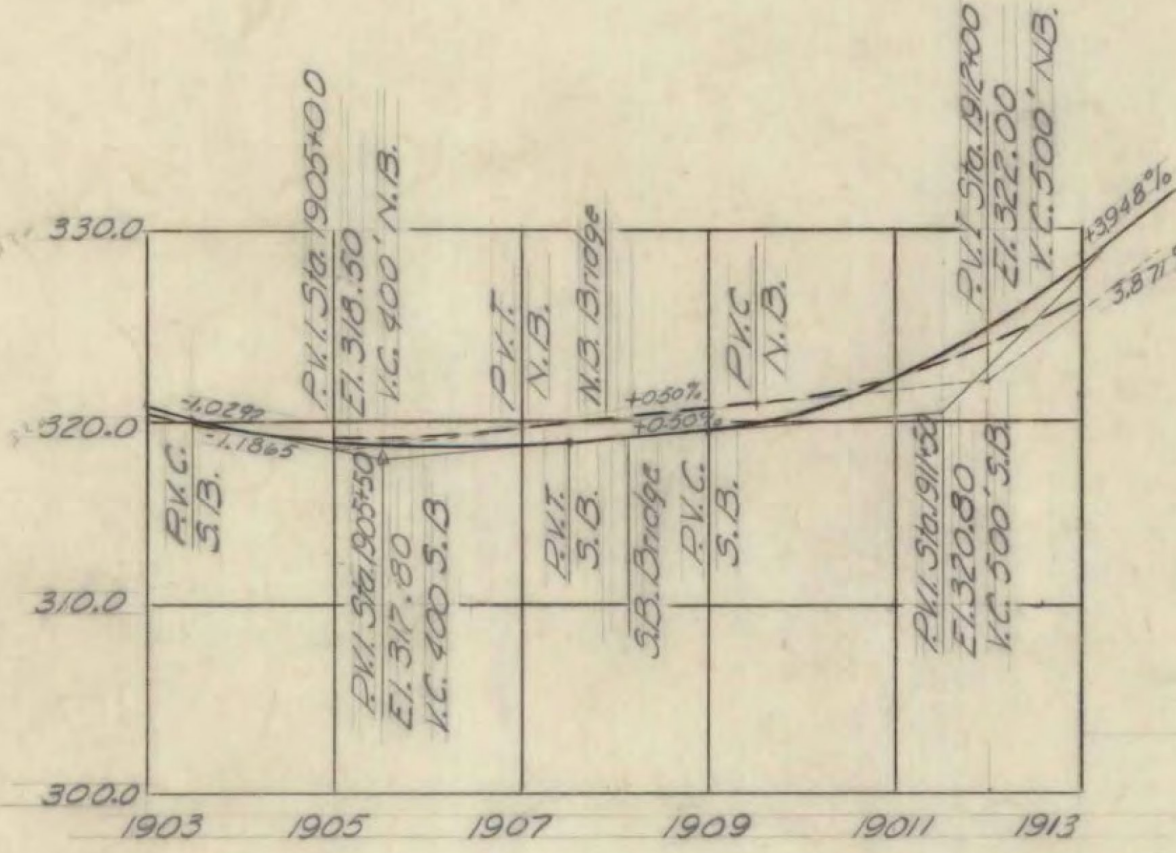


Final Quantities		ESTIMATED QUANTITIES							
N. Bnd.	S. Bnd.	ITEM #	ITEM	UNIT	NORTHBOUND		SOUTHBOUND		TOTAL
					NEAT	OVERRUN	NEAT	OVERRUN	
30	30	107	Structure Excavation	C.Y.	28	2	28	2	52
*	*	361B	Bit. Conc. Path (Incl. App. Slab) Mod.	Ton	48	9	48	9	97
253	253	401B	Conc. Class B Mod. (Incl. App. Slab)	C.Y.	247	43	247	43	490
31,495	31,571	402	Reinforcing Steel (Incl. App. Slab)	Lbs	31,495	—	31,480	—	62,975
1/2	1/2	403	Spiral Reinforcement	L.S.	Required	—	Required	—	Required
69,082	69,082	404A	Structural Steel	Lbs	69,082	4397	70,350	63253	136,643
9	9	407	Asphaltic Asbestos Coating	S.Y.	40	—	40	40	80
Required	Required	501	Furnishing Equipment for Driving Piles	L.S.	Required	—	Required	—	Required
1,959	1,913	502B	Treated Timber Piling	L.F.	1,959	—	1,980	—	3,939
159	159	556C	Granite Br. Curb Mod. (Incl. App. Slab)	L.F.	159	—	159	—	318
119	119	572	Bridge Railing	L.F.	119	—	119	—	238
0	0	222	Gravel Backfill	C.Y.	38	—	42	—	80
450	472	522	Stone Fill for Slope Protection	C.Y.	450	—	450	—	900
*	*	318	Tar Emulsion for Bridge Floors	Gal.	176	—	176	—	352
450	472	106A	Channel Excavation in Earth	C.Y.	450	—	450	—	900
*	*	372	Joint Sealer Hot Poured Elastic Type	L.F.	76	—	76	—	152

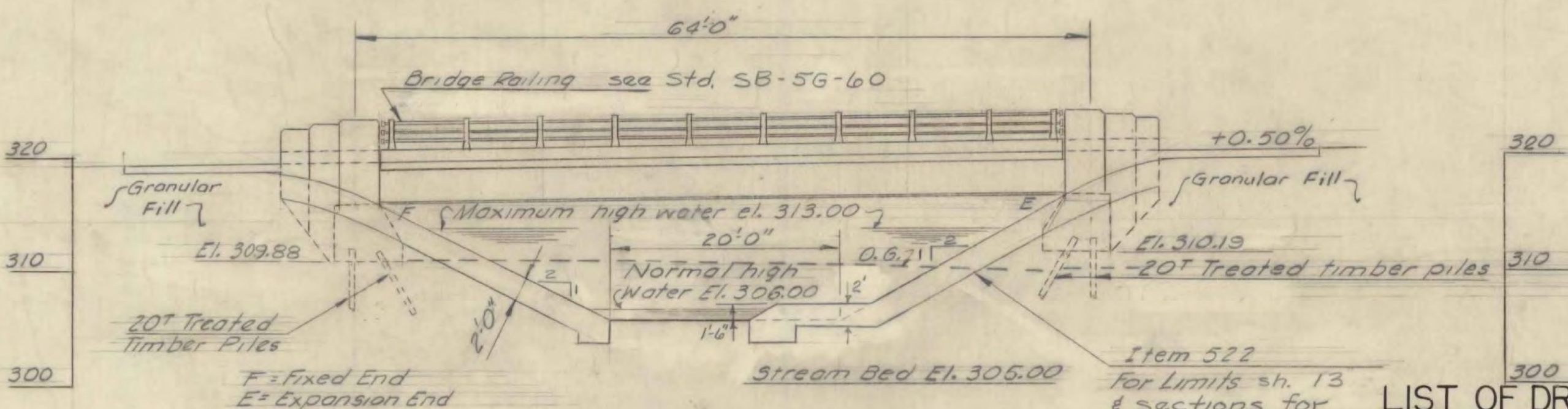
*These items to be included in the roadway estimate

GENERAL NOTES

- All materials and construction shall conform to the state of Vermont, Department of Highways, Standard Specifications for Road and Bridge Construction dated Jan. 1956 and the A.A.S.H.O. Standard Specifications dated 1957. Designed for H20-516-44 loading modified for National System of Interstate Highways applied in accordance with the provision of the A.A.S.H.O. Standard Specifications, Article 1, 2, 3.
- Cross slope of approach slab to conform with the cross slope of bridge.
- Final coat of field paint shall be green, unless otherwise directed by the Engineer.
- The top surface of abutments shall be sloped 1/4" per foot from the front edge of backwall. These sloping surfaces shall be coated with asphaltic asbestos coating 1/8" thick as per item 407 of Specifications.
- All dimensions given are measured horizontally or vertically unless otherwise noted.
- All dimensions given at 68°F.
- All reinforcing to have a clear cover of 3" unless otherwise noted.
- All exposed edges of concrete shall be chamfered 1"x1" unless otherwise noted.
- Borings indicated on the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions.
- Elevation Datum Sea Level based on Bench Line U.S.C.G.S. Survey Level Line Vermont 25 (Second Order).
- Unless otherwise called for all beams shall be rolled to a true circular camber the middle ordinate being that shown in AISC handbook as being the minimum camber likely to remain permanent.
- Where piles are driven in fill, the material shall be such as to have no stones large enough to interfere with the driving of piles.



NB & S.B. INTERSTATE PROFILES
 SCALE HORZ. 1"=200'
 VERT. 1"=10'



ELEVATION
 SCALE 1"=10'
 (NORTHBOUND)

LIST OF DRAWINGS

General Plan Elevation	BR 1
North Bound Abut. Details	BR 2
S.B. Top Section Abutment Details	BR 3
Boring Logs	BR 4
Bar Schedule	BR 9
Preliminary Information Sheet	BR 10
SCB-38-60	sheet 106
SB-58-60 1st of 2 of 2	sheet 108 & 109
SB-AS-60	BR 5, 6, 7 & 8
SB-20-60	sheet 110
SCB-D-60	sheet 111

REFERENCE DRAWINGS

Plan	Sh. # 13
Profile	Sh. # 18
Cross Sections	Sh. # 23, 25, 26, 27

WILLISTON - GEORGIA
 IM MEMB(25)
 SHEET 12 OF 38
 BRIDGES 63 N AND S
 FOR REFERENCE ONLY

BR 1 OF 10

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT IN THE TOWNS OF
 WILLISTON, SOUTH BURLINGTON.

OVERPASS STA. 1907+70
 MUDDY BROOK
 GENERAL PLAN & ELEVATION

BOSWELL ENGINEERING CO. RIDGEFIELD PARK, N.J.

DRAWN BY R.H.E. IN CHARGE A.J.I.
 CHECKED BY A.J.I. DATE SCALE As Shown

PROJECT NO. I-89-3(14) SHEET 91 OF 115