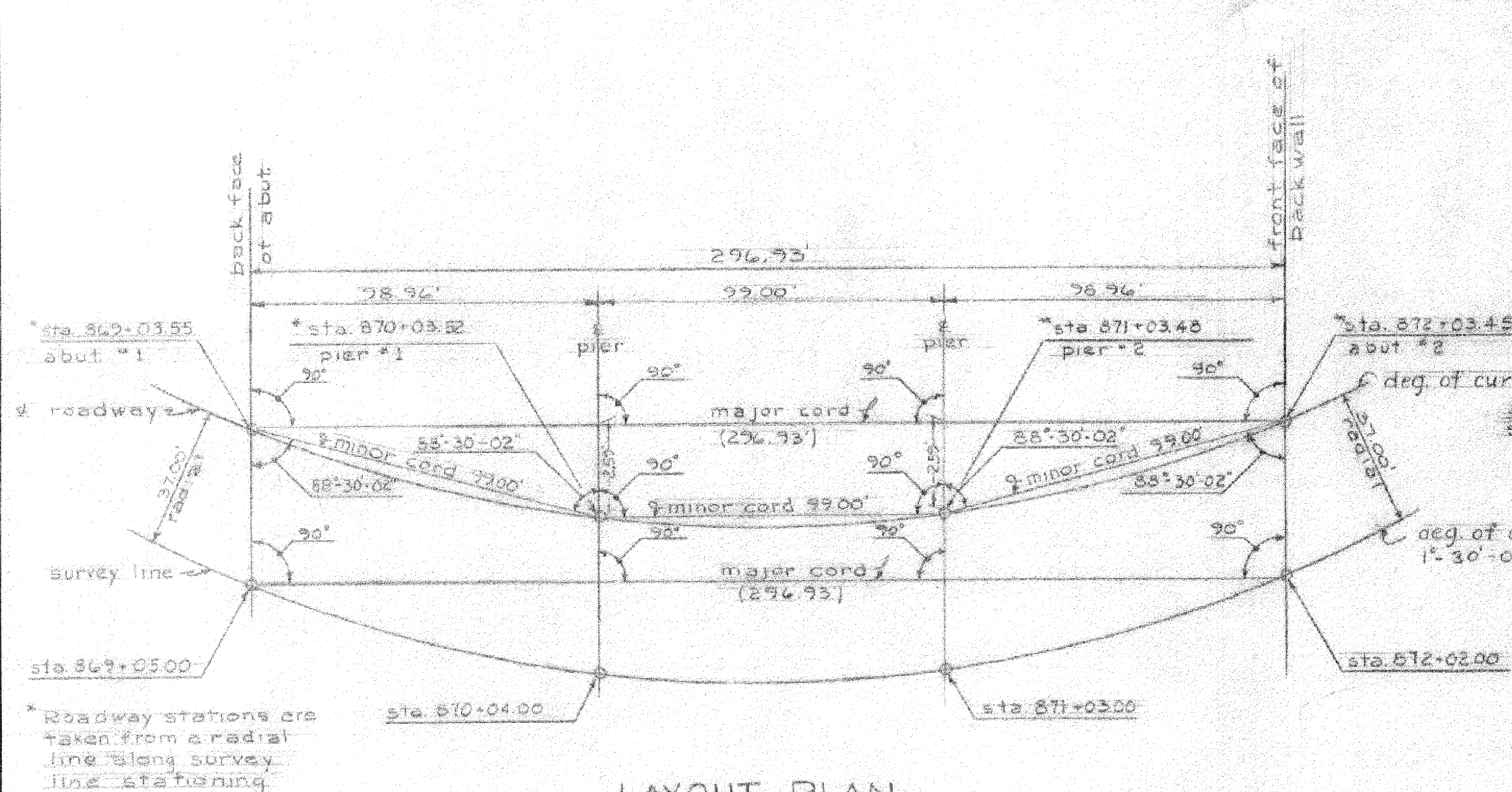
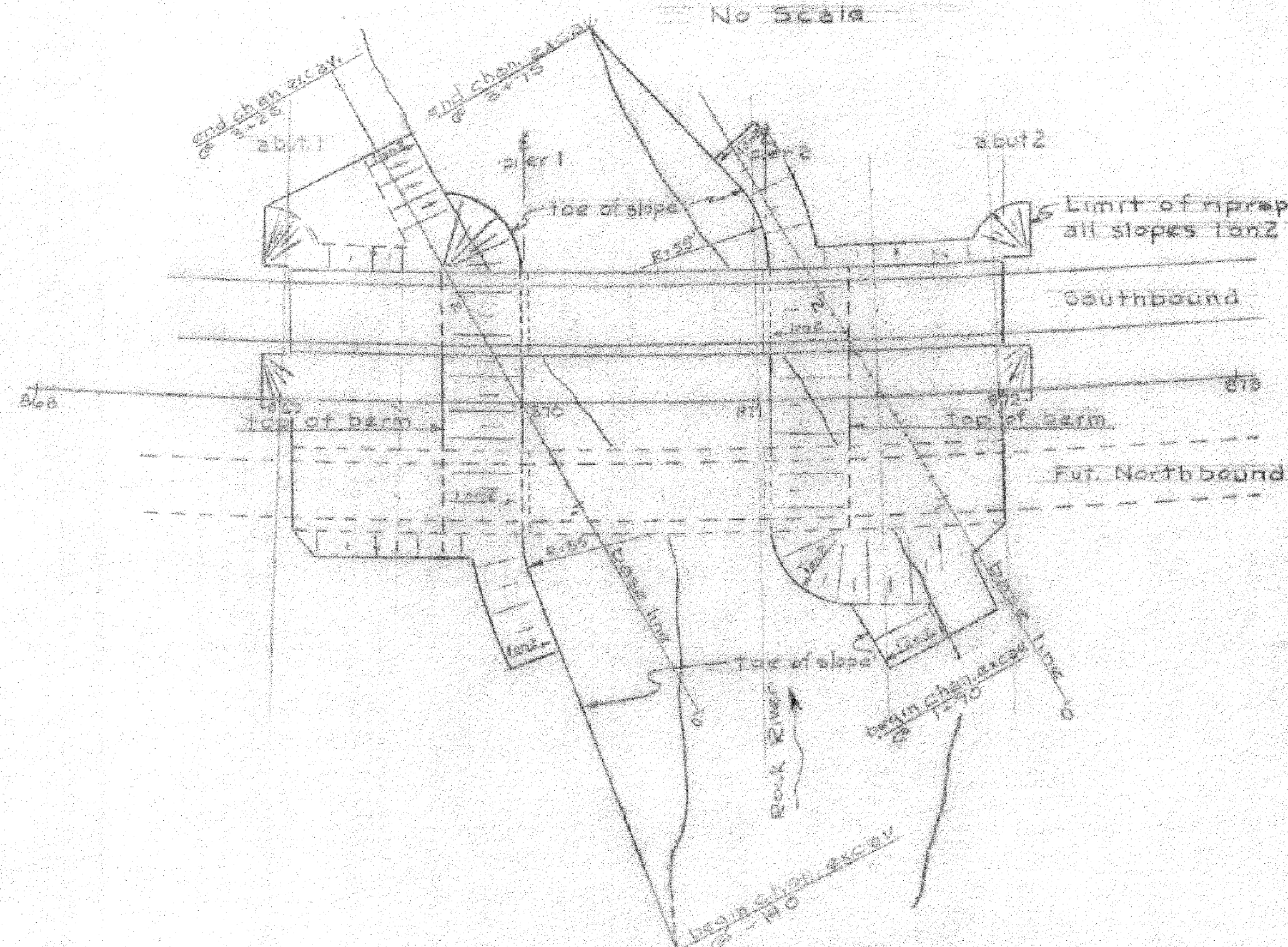




LAYOUT PLAN
No Scale

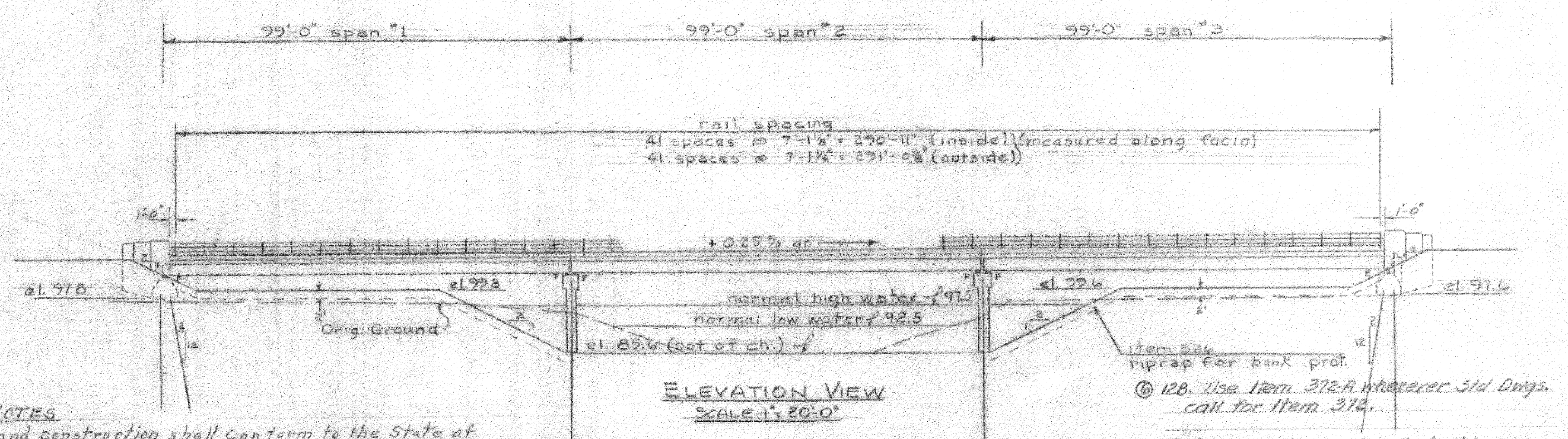
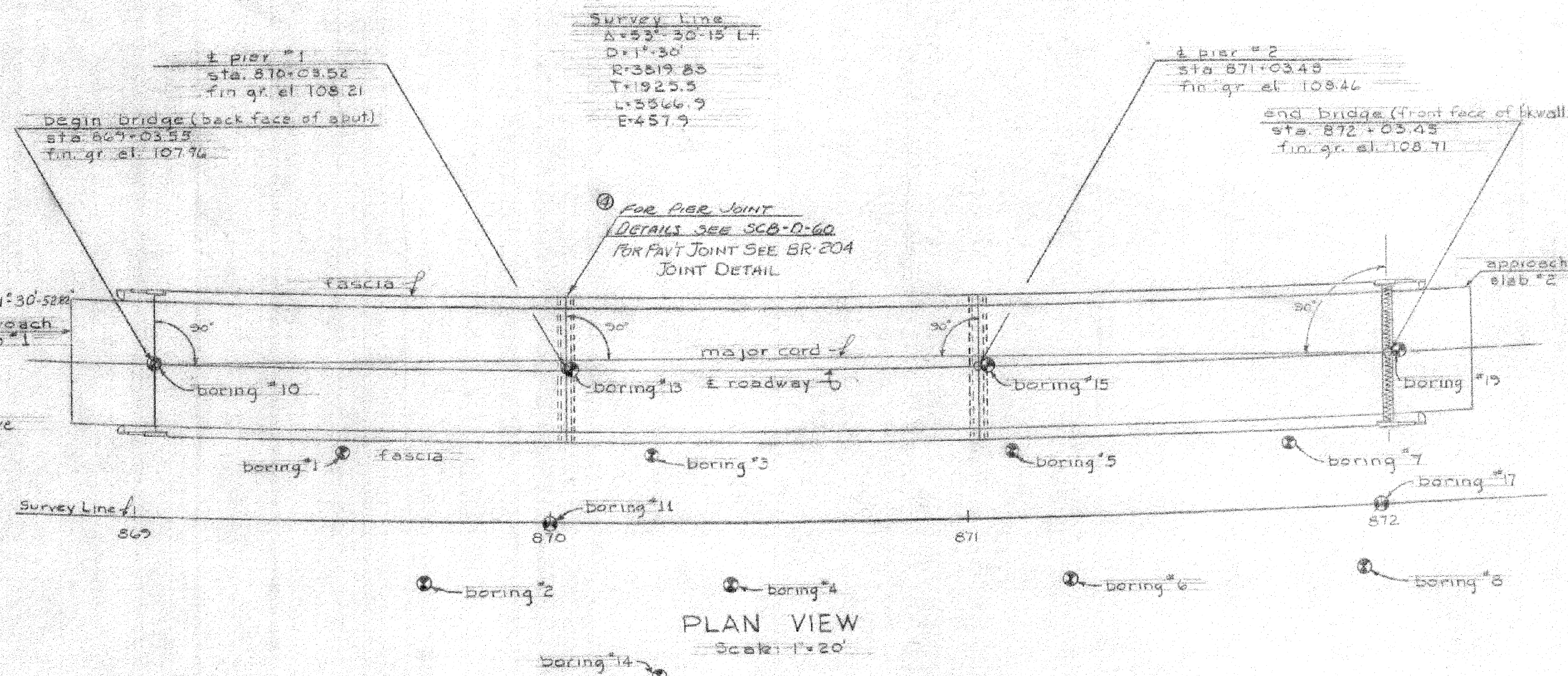


STAGE II	STAGE I	LIST OF BRIDGE SHEETS
Ph. N.B.	Ph. N.B.	Title
BR 3	BR 3	Preliminary Information Sheet
BR 4-5	BR 4-5	Boring Log
BR 6	BR 6	Plan and Elevation Views
BR 7	BR 7	Framing Plan & Expansion Bearings
BR 8	BR 8	Expansion End Details
BR 9-10	BR 9-10	Approach Slabs
BR 11	BR 11	Abutments & End Post
BR 12	BR 12	Piers & E
BR 13	BR 13	Reinforcing Steel Schedule
BR 14-18	BR 14-18	Channel Sections
BR 19	BR 19	Earthwork Sheet
BR 20	BR 20	SCB-D-60
BR 21	BR 21	SCB-30-60
BR 22	BR 22	SCB-20-60
BR 23-24	BR 23-24	SCB-50-60 Sheet 1 & 2
BR 25	BR 25	SCB-22-60

- REVISIONS**
- CHANGED 312C TO 312-A 5-27-65 R.T.B.
 - ADDED (Stage I) to GENERAL NOTES 1, 5-27-65 R.T.B.
 - ADDED STAGE II & STAGE I TO LIST OF BRIDGE SHEETS 5-27-65 R.T.B.
 - ADDED NOTE FOR PIER JOINT DETAILS - 5-27-65 R.T.B.
 - ADDED GEN. NOTE 12A-5-27-65 R.T.B.
 - ADDED GEN. NOTE 12B-5-27-65 R.T.B.

GENERAL NOTES

- All materials and construction shall conform to the State of Vermont Dept. of Highways, Standard Specifications for Road and Bridge Construction, dated Jan. 1956 and the AASHTO, Standard Specs. dated 1957, 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. (Stage I) ②
- Contractor to submit plans for a permanent pile driving frame to be placed on river bottom at piers.
- Superstructure to be as per Std. Sh. SCB-30-60 and SCB-D-60 except as noted on plans. See framing plan.
- All structural steel in superstructure to be erected and permanently anchored before any portion of the conc. deck is poured.
- Bridge railing and curb as per Std. Sh. SB-50-60 sheets 1 & 2.
- Scuppers as per Std. Sh. SCB-D-60. For location see framing plan.
- Fixed bearing devices at abut. N°1 and at piers N°1 & 2 as per Std. Sh. SB-20-60.
- For sequence of bridge construction due to surcharge loading conditions of approach fill, see Special Provisions.
- Concrete in the piers may be placed under water up to elev. 90 in accordance with Item 401.07.
- 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.
- For additional notes see other sheets.
- 12A. Vermont Specs. dated April 1964 shall apply to Stage II Const. ①



SUMMARY OF QUANTITIES

ITEM	ITEM	UNIT	NET	FINAL
110	MUCK EXCAVATION	C.Y.	1288	
123	DRAGLINE RENTAL (MOD.)	Hr.	100	
102-A	GRANULAR BORROW	C.Y.	4370	
106-A	CHANNEL EXCAVATION OF EARTH	C.Y.	11300	
107	STRUCT. EXCAV.	C.Y.	232	
222	GRAVEL BACKFILL	C.Y.	30	
318	TAR EMULSION FOR BRIDGE FLOORS	GAL.	436	STAGE II
361-B	BITUMINOUS CONCRETE PAVEMENT	TONS	127	STAGE II
401-B	CONC. CLASS B (MOD.)	C.Y.	375	
401-D	CONC. CLASS D (MOD.)	C.Y.	247	
402	REIN. STEEL	LBS.	80,332	
403	SPIRAL REINFORCEMENT (1650)	LBS.	1	
404-A	STRUCTURAL STEEL	LBS.	597,230	
407	ASPHALTIC-ASB. COATING	S.Y.	41	
501	FURN. EQUIP. FOR DRIVING PILES	L.S.	4	
503	SPLICES FOR STEEL PILING	EA.	44	
504	STEEL PILING (14 8" x 73)	L.F.	4340	
509	PILE LOADING TEST	EA.	2	
526	RIP-RAP FOR BANK PROTECTION	C.Y.	2521	
556-C	GRANITE BRIDGE CURB (MOD.)	L.F.	635	
572	BRIDGE RAILING	L.F.	575	
106-B	CHANNEL EXCAVATION OF ROCK (EST.)	C.Y.	98	
312-A	JOINT SEALS - HOT POURED	L.F.	160	STAGE II

13. All expansion material shall be pre-moulded cork containing no bituminous or asphalt.

* These items to be included in Roadway Quantities.

ST. ALBANS - HIGHGATE
IM BENT (4)
SHEET 31 OF 32
BRIDGE 100NKS
FOR REFERENCE ONLY

TOWN OF SWANTON HIGHGATE
ROUTE NO. 189 LOG STA. 870+50
PLAN & ELEVATION VIEWS
ROCK RIVER
SCALE AS NOTED
SURVEYED BY
DRAWN BY NBT CHECKED BY L.J.H.
PROJECT NO. 189-3(7) CONT. 3
SHEET 72 OF 113
STAGE II PROJECT NO. 189-3(2A)
SHEET 80 OF 127