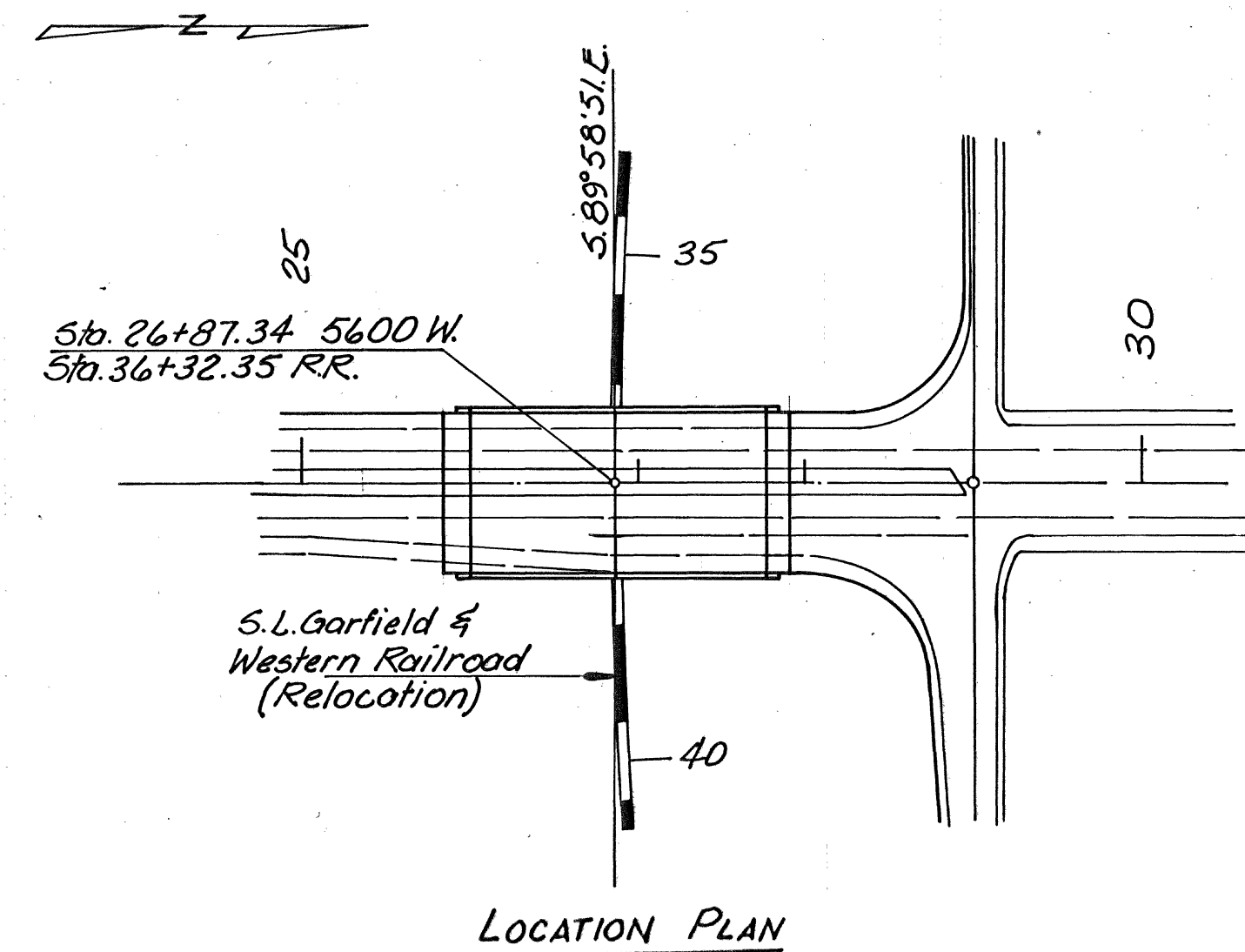
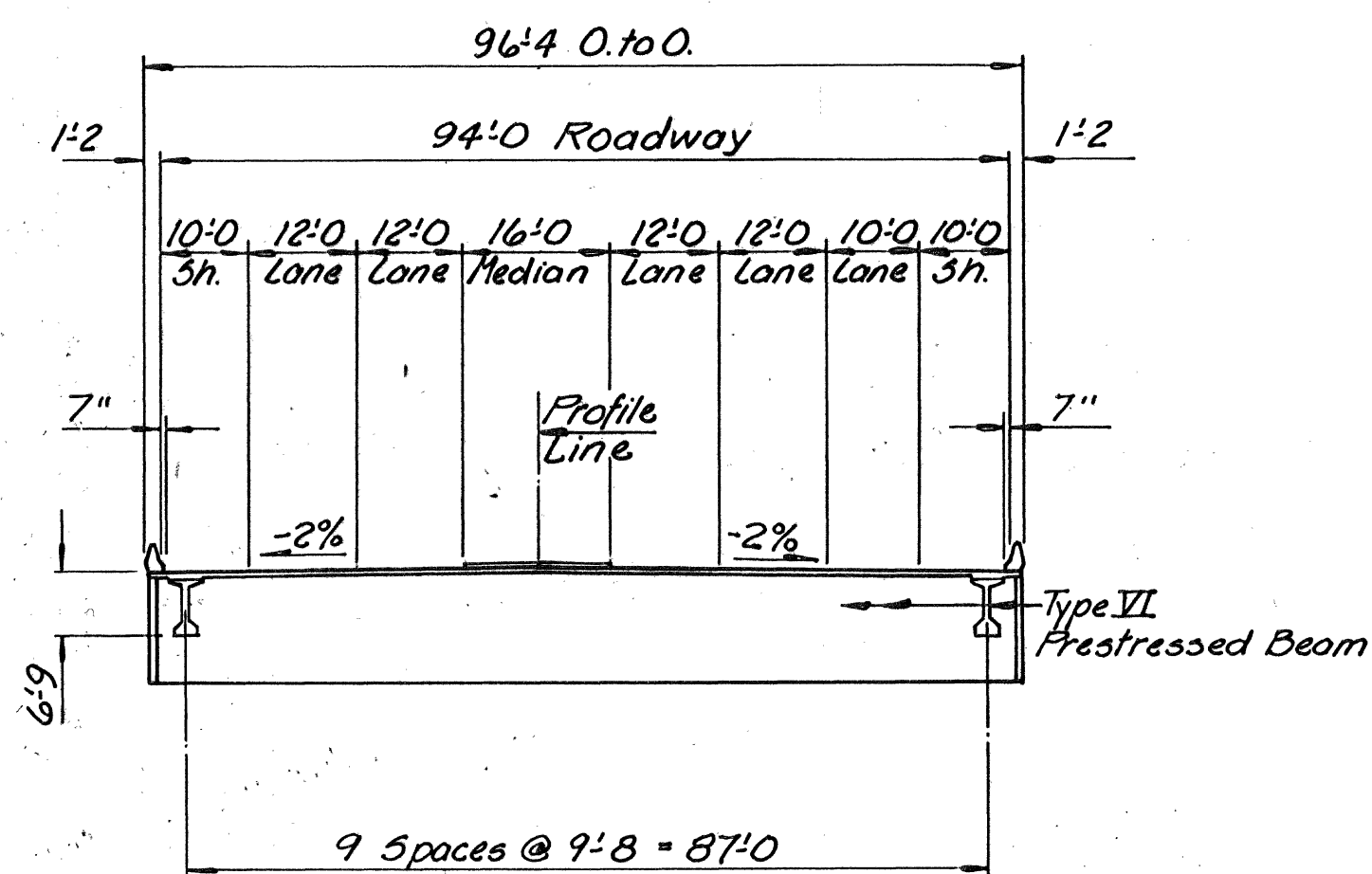
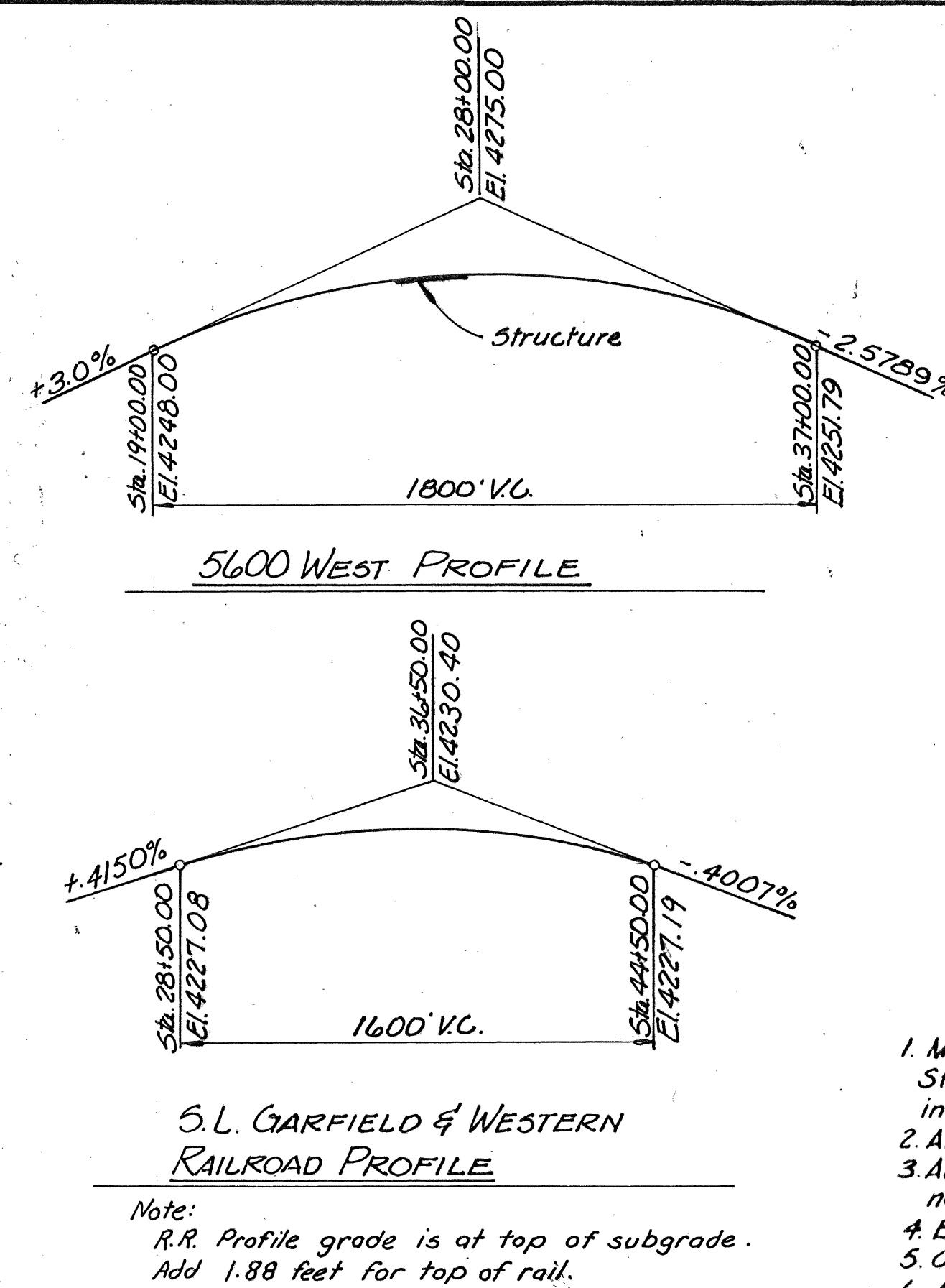
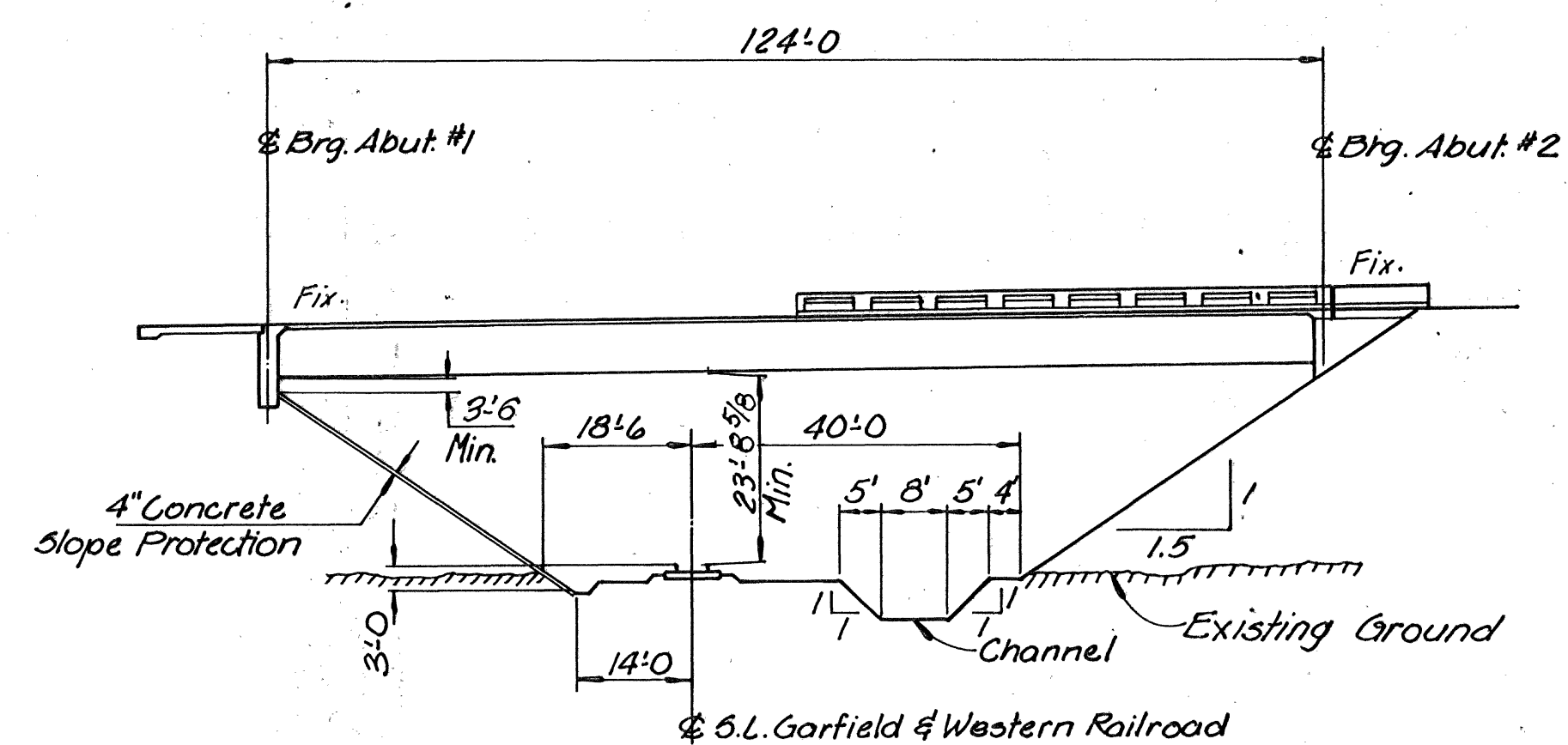
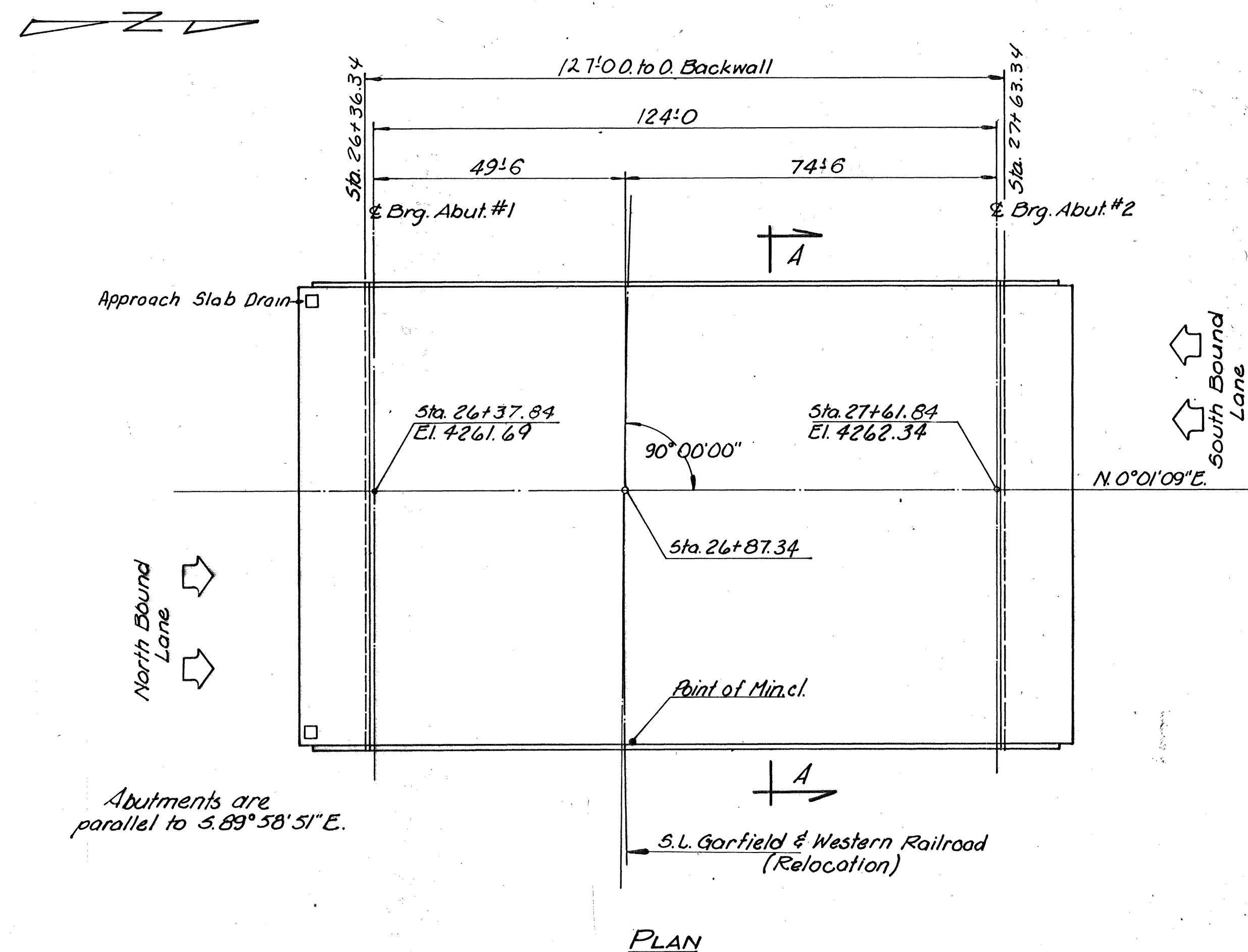




GENERAL NOTES

1. Materials, construction, and workmanship shall be in accordance with the Utah Department of Transportation Standard Specifications for Road and Bridge Construction, Edition of 1970 and Supplements thereto, which are in effect at the date of request for bids.
2. All reinforcing steel shall be deformed billet-steel bars conforming to ASTM designation A 615-68, Grade 60.
3. All structural steel shall be structural carbon steel conforming to AASHTO designation M-183 except where noted otherwise.
4. Exposed concrete corners shall be chamfered $\frac{3}{4}$ " except where noted otherwise.
5. Cover to reinforcing steel shall be 2" except where noted otherwise.
6. All cast-in-place concrete shall be Class AA (AE) except where specified otherwise.

DESIGN DATA

HS 20-44 or Interstate Alternate Loading in accordance with AASHTO Specifications of 1977 & Interim Specifications.

Cast-in-place Concrete: $f_c = 1,400$ psi, f_s (Reinf.) = 24,000 psi, $n = 8$
 Prestressed Concrete: $f_c = 5,000$ psi, f_s (Nonprestressed) = 24,000 psi, $n = 6$
 Structural Steel: $f_s = 20,000$ psi
 Wearing Surface: $\frac{1}{2}$ " Concrete, plus 15 lb/sq. ft. Future surface
 Design Speed: 50 M.P.H.

ITEM	ESTIMATED	UNIT	AS CONST.
Class AA Concrete (AE)	① 760	Cu. Yds.	760.00
Reinforcing Steel	62543	Lb.	65273.82
Reinforcing Steel (Epoxy Coated)	40571	Lb.	40,572.73
Granular Backfill Borrow	269	Cu. Yds.	270.98
Prestressed Concrete Member (Type VI 125'4)	10	Each	10.00
Structural Steel	442	Lb.	442.00
Piles (Other than timber) 1'-0"	3091	Lin. Ft.	2210.35
Concrete Slope Protection	1633	Sq. Yds.	2150.17
Furnishing Pile Driving Equipment	1	Lump	1.00

out		UTAH DEPARTMENT OF TRANSPORTATION	
		SALT LAKE CITY, UTAH	
		STRUCTURES DIVISION	
		5600 WEST OVER S.L. GARFIELD & WESTERN	
		RAILROAD	
		SITUATION AND LAYOUT	
		DESIGN LHB 6-2-78	CHECK
		DRAWN RLC 9-23-77	CHECK B.C.M. 6-13-78
		QUANT BCM 7-13-78	CHECK R.C. 7-12-78
		APPROVAL RECOMM July 31, 1978 DATA	26+87.34 STATION
		6-8 Ayresdale DAG LEADER	Salt Lake COUNTY
		APPROVED	DRG. NO.
		DATE	F-344
		CHIEF STRUCTURAL ENGR	
		I-80-3(57)105	SHT / OF 11
		PROJECT NUMBER	

1. Situation and Layout
2. Soil Data
3. Frmg. Plan, Screed El., Found. Pln. & Pile Layout
4. Concrete Pile Details
5. Abutment Details
6. Prestressed Beam Detail
7. Deck Plan Joint & Section
8. Approach Slab Drain Details
9. Parapet Details
10. Concrete Slope Protection
11. Reinforcing Steel Schedule

Final by Ham 42 4-15th 83. MICROFILMED

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Class "AA" Concrete [A.E.] Expansion Joint		1130 1	CU. YD. LUMP	1130.00 1.00
UTAH DEPARTMENT OF TRANSPORTATION SALT LAKE CITY, UTAH STRUCTURES DIVISION				
5600 WEST OVER I-80 SITUATION AND LAYOUT				
DESIGN L.H.B. 7-1-77		CHECK		891+22.02 STATION
DRAWN RLC 4-18-77		CHECK J.T.M. 8-16-77		
QUANT L.H.B. 8-19-77		CHECK B.C.M. 8-19-77		
APPROVAL RECOMM Feb 3 1978 <i>W. B. Ruggade PE</i> DATE GROUP LEADER		SALT LAKE COUNTY		C-669 DRG. NO.
APPROVED DATE CHIEF STRUCTURAL ENGR		I-80-3 (57) 105 PROJECT NUMBER		
NO. BY DATE REMARKS		SHT. 1 OF 19		
REVISIONS		Final by Ham <i>FE</i> 4-15-83.		

36.00 x 23.83 in

