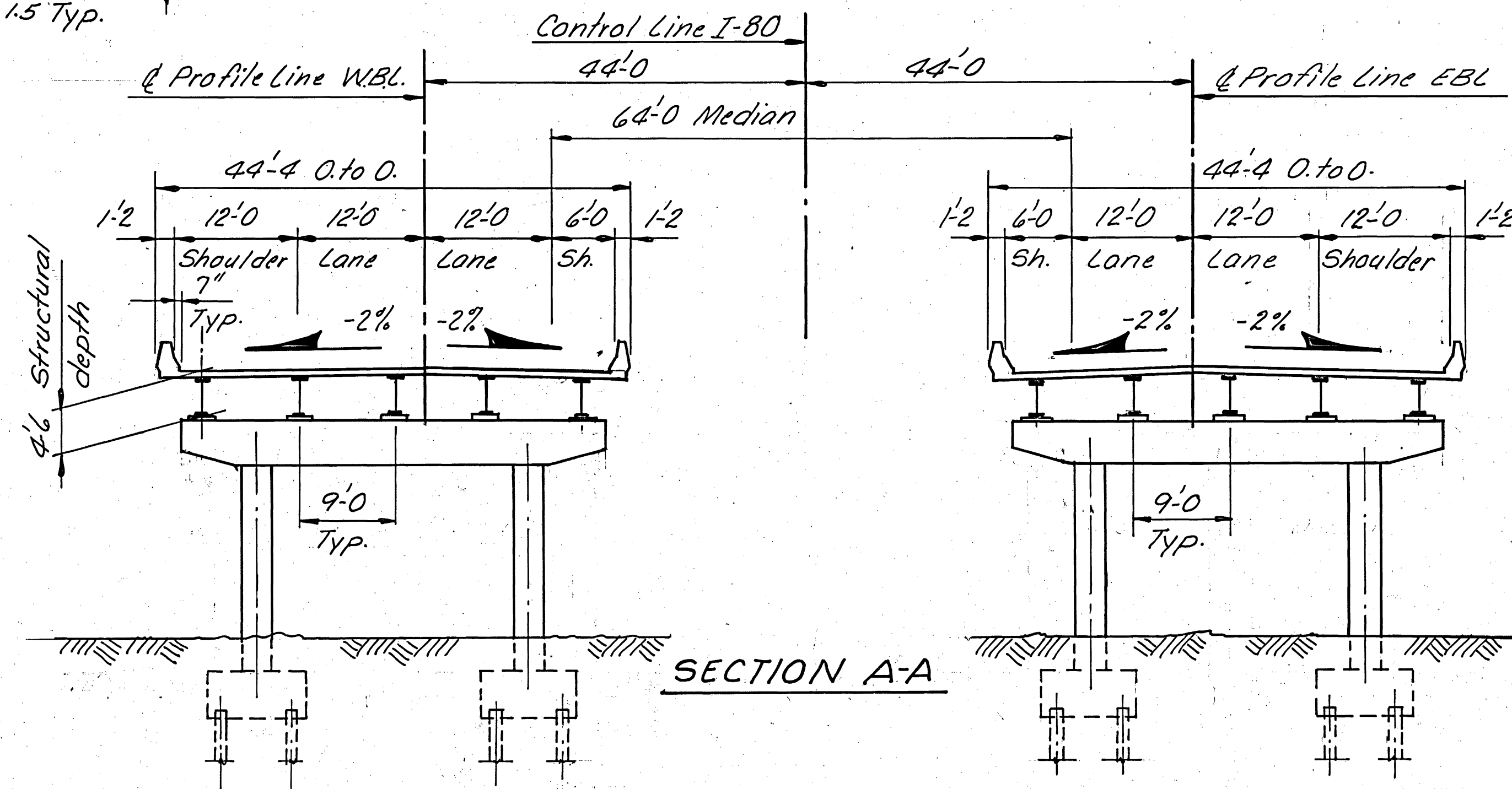
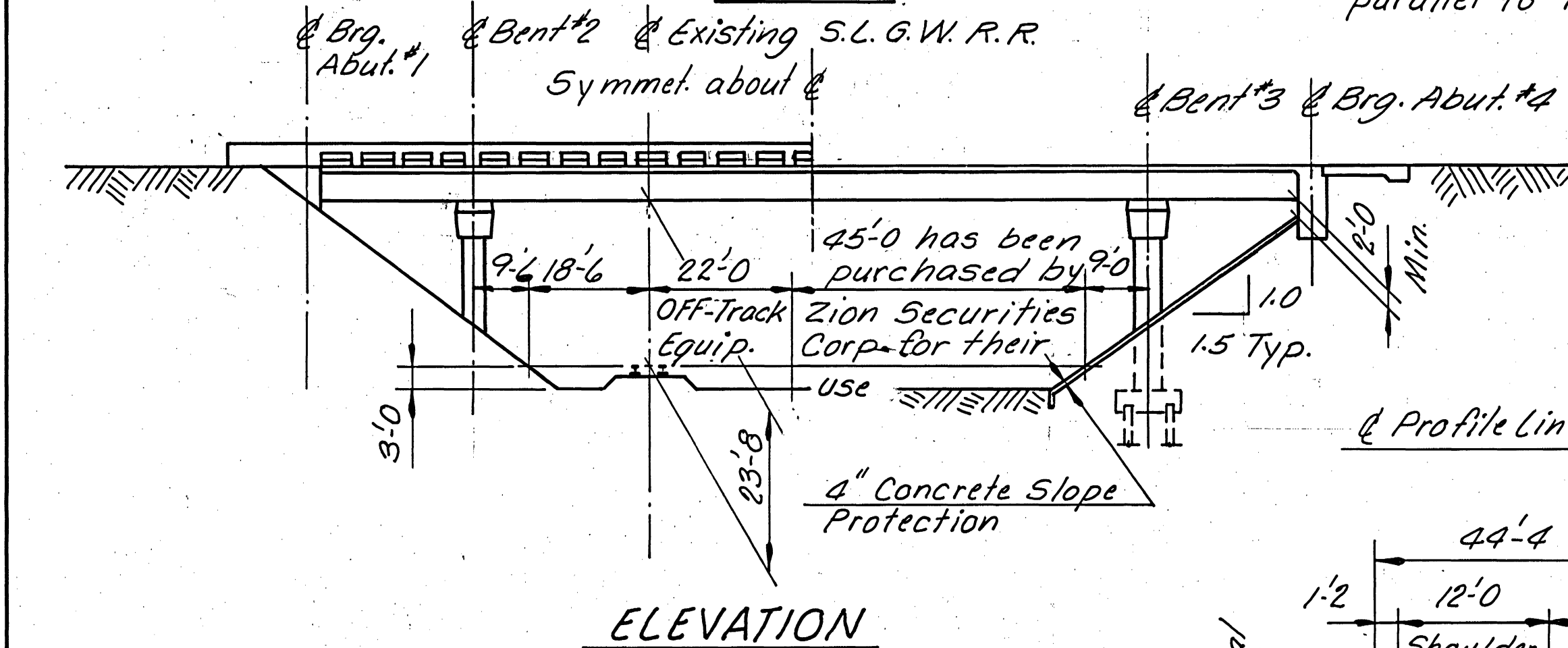
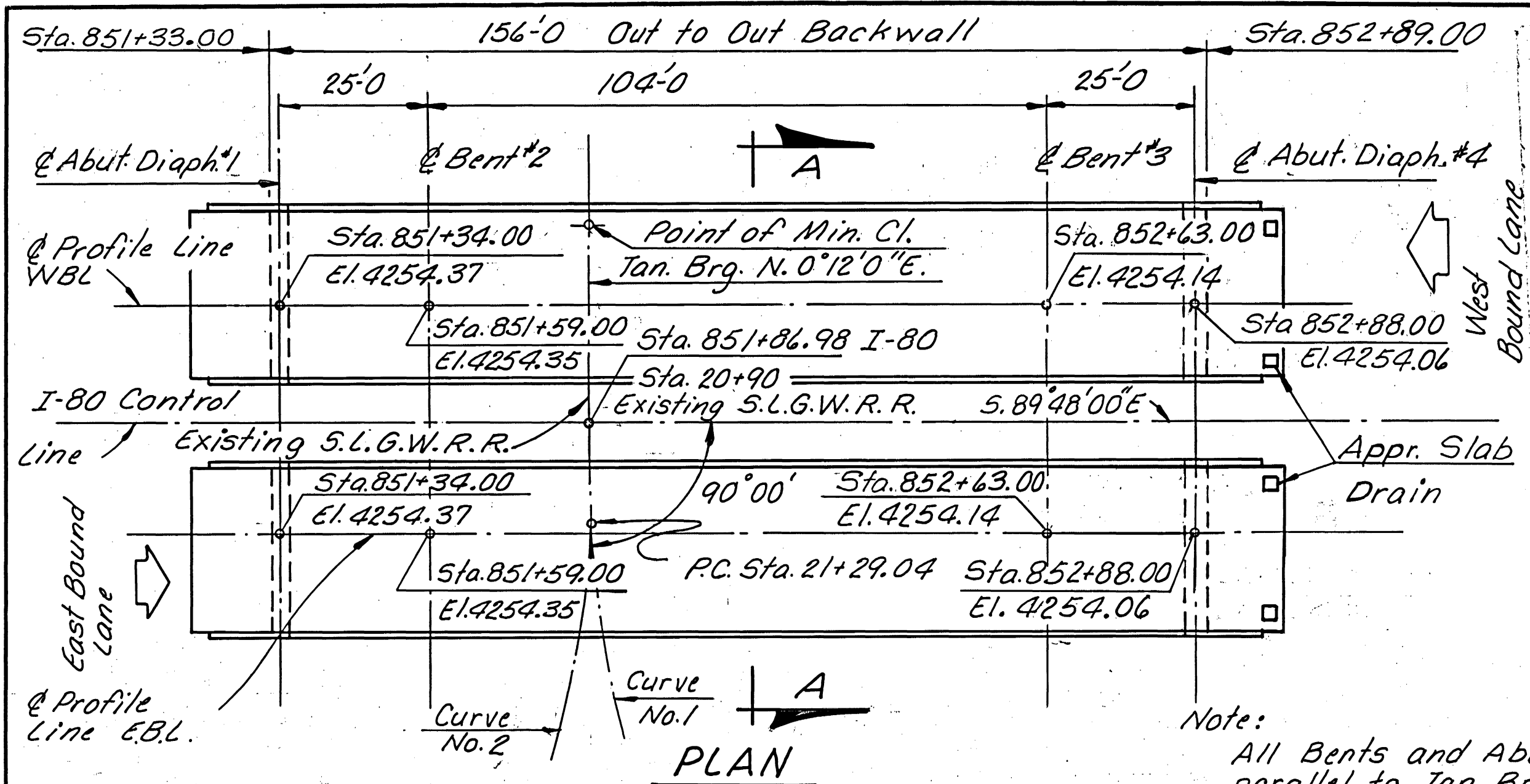
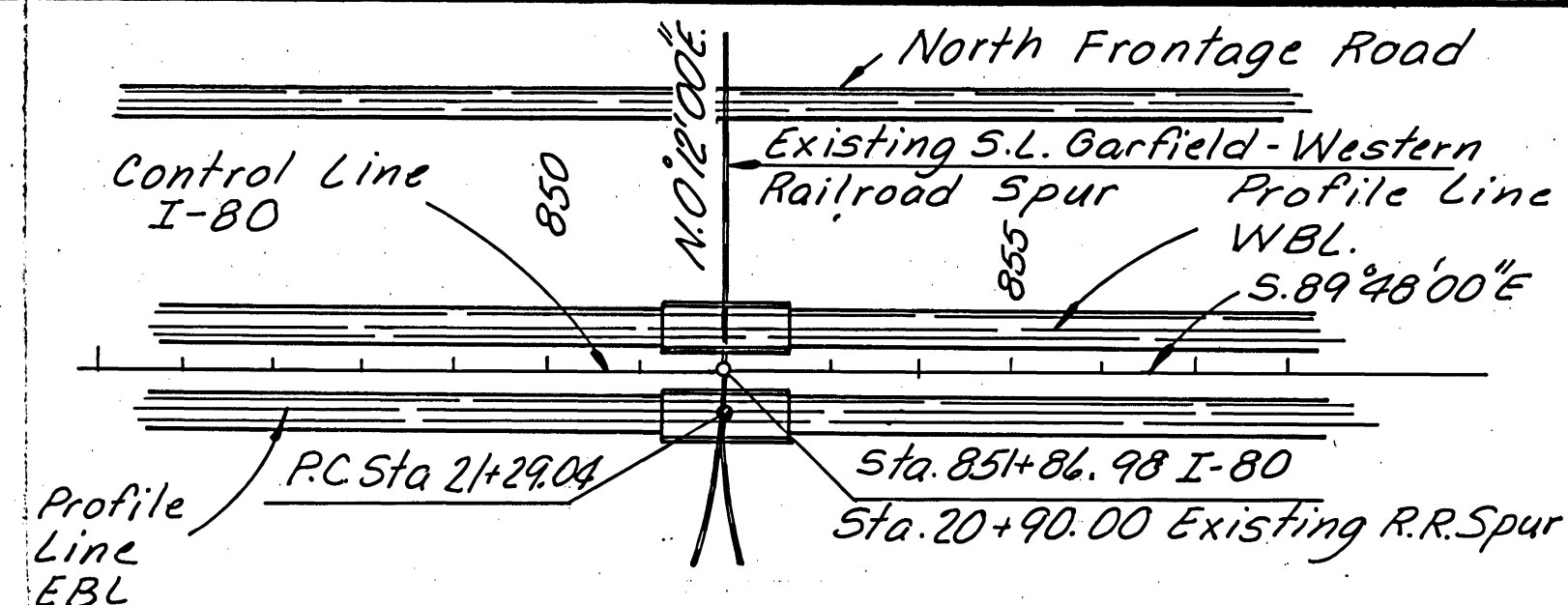
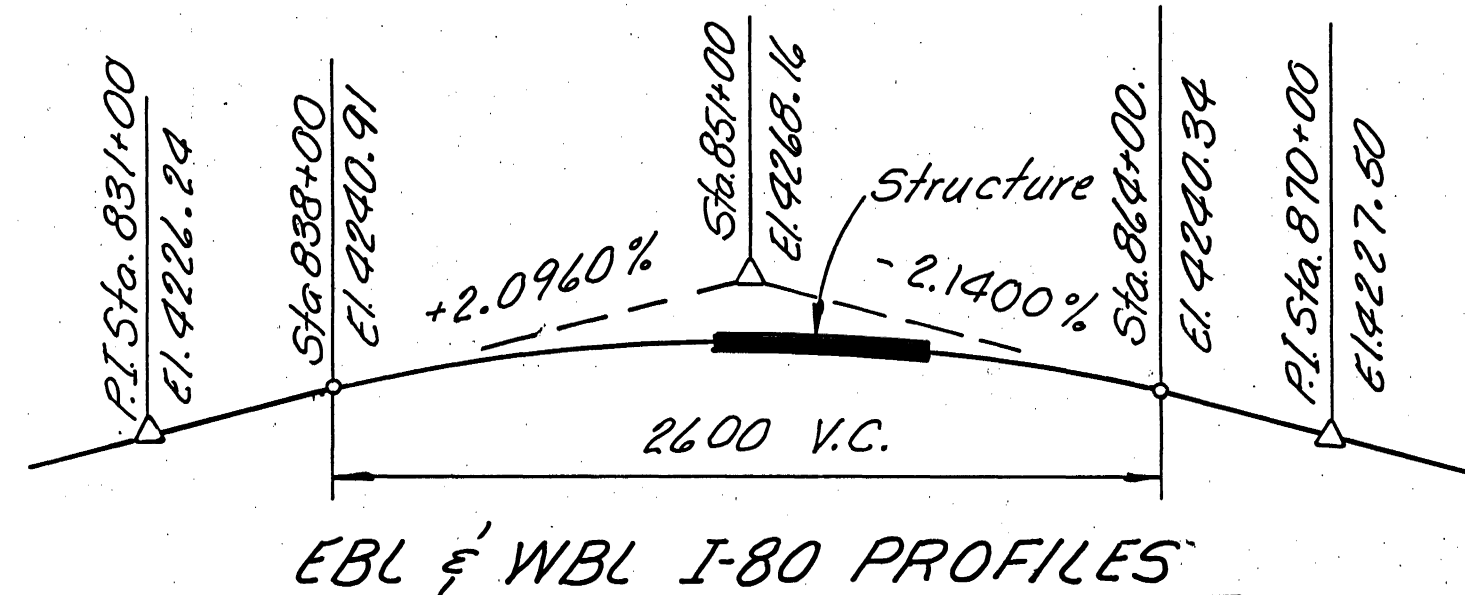
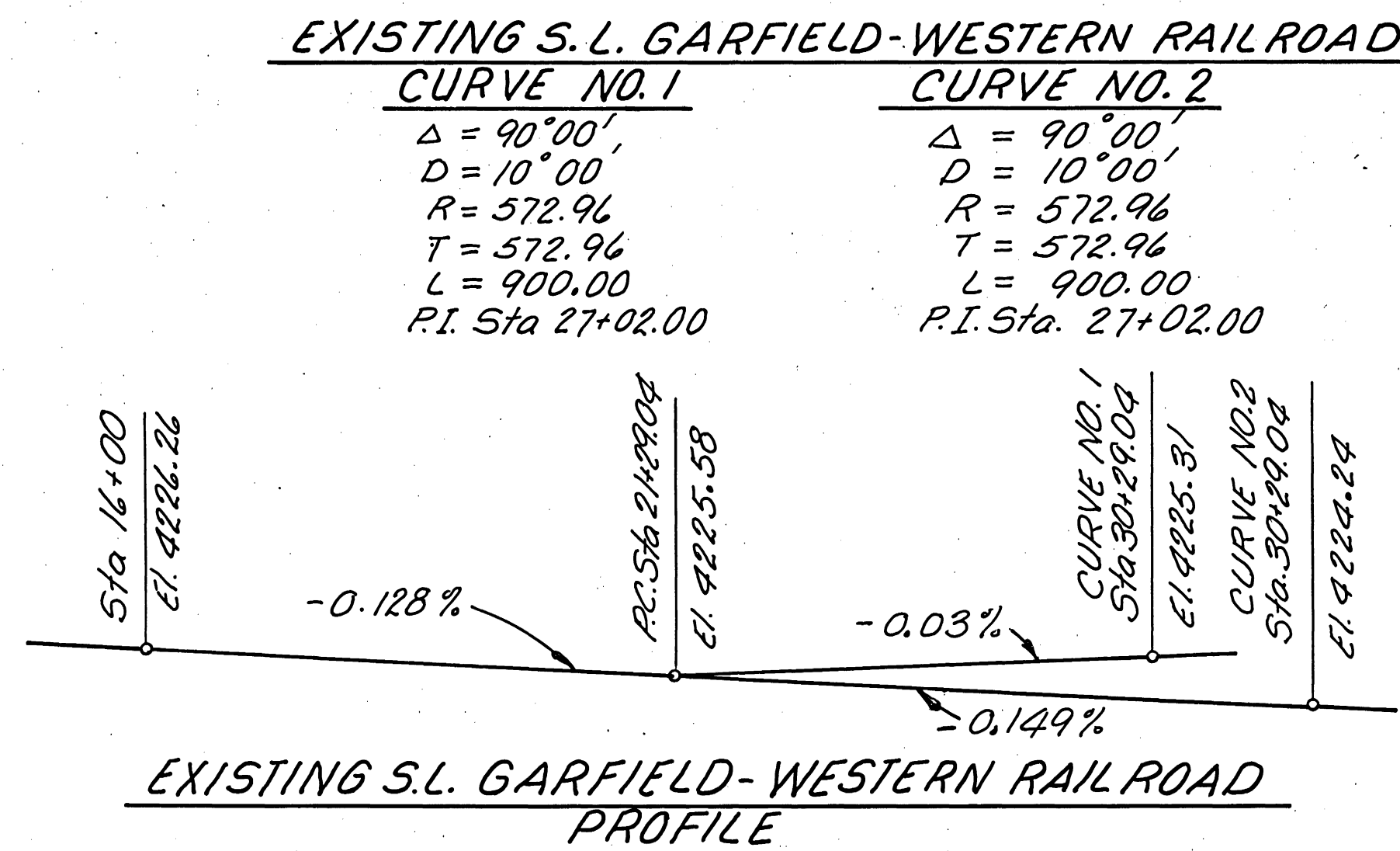




- INDEX OF SHEETS**
- 1- Situation and Layout
 - 2- Soil
 - 3- Concrete Pile Details
 - 4- Foundation Plan
 - 5- Deck and Abutment Diaphr. Details
 - 6- Bent Details
 - 7- Screed Elev. and Framing Plan
 - 8- Girder Details
 - 9- Steel Details
 - 10- Parapet Details
 - 11- Approach Slab Drain Details
 - 12- Concrete Slope Protection
 - 13- Reinforcing Schedule



LOCATION PLAN 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 1979, 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 A615-68, 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 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.

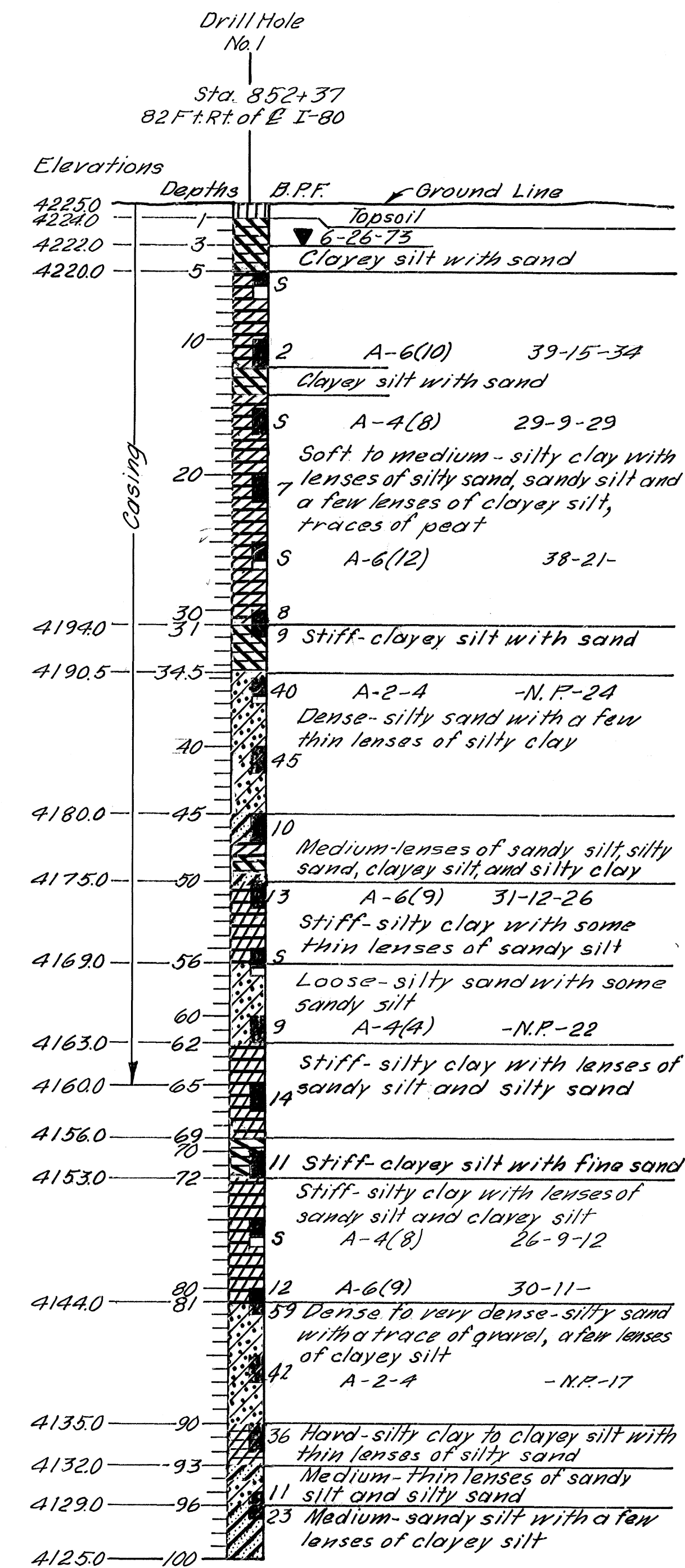
DESIGN DATA

H 520-44 or Interstate Alternate Loading in accordance with AASHTO Specifications of 1977 and Interim Specifications.
 Cast-in-place Concrete: $f_c = 1400$ psi, f_s (Reinf.) = 24,000 psi, $n = 8$
 Structural Steel: $f_s = 20,000$ psi
 Wearing Surface: 1/2" Concrete, 35 lbs./sq. ft. Future Surface
 Design Speed: 70 m.p.h.

QUANTITIES

ITEM	EST.	UNIT	AS CONST.
Class AA Concrete AE	864	Cu.Yd.	LUMP
Reinforcing Steel	99,817	Lb.	99,817
Reinforcing Steel (Epoxy Coated)	46,529	Lb.	46,529
Structural Steel	370,676	Lb.	LUMP
Concrete Slope Protection	2156	Sq.Yd.	2171.2
Granular Backfill Borrow	131	Cu.Yd.	133.52
Pile (Other than Timber) (12" ϕ Piles)	3909	Lin.Ft.	3878.7
Driving Piles	3909	Lin.Ft.	3878.7

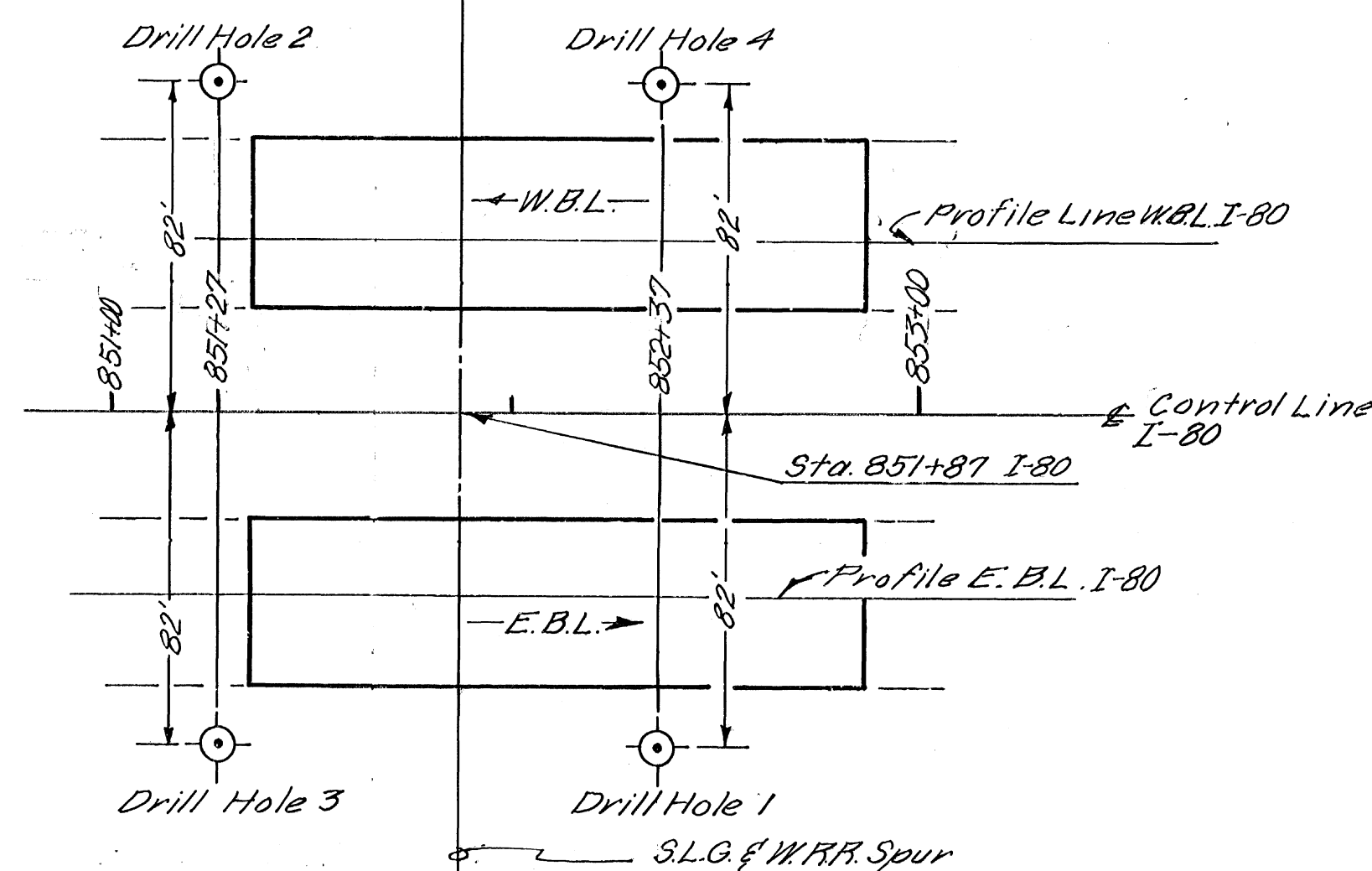
UTAH DEPARTMENT OF TRANSPORTATION SALT LAKE CITY, UTAH STRUCTURES DIVISION			
E.B. & W.B. I-80 OVER S.L. GARFIELD-WESTERN R.R. SPUR SITUATION AND LAYOUT			
DESIGN	K.S. 5-30-79	CHECK	D.L.C. 10-22-79
DRAWN	SMP 3/30/79	CHECK	W.M.D. 5-30-79
QUANT.	SMP 5/24/79	CHECK	W.M.D. 5-30-79
APPROVAL	10-17-79	DATE	10-17-79
RECOMM.	10-22-79	DATE	10-22-79
APPROVED			DRG. NO.
ACI-80-3(67)105			C-710
PROJECT NUMBER			SHT. 1 OF 13



ABBREVIATIONS

L.L.—LIQUID LIMIT %
P.I.—PLASTIC INDEX
w.—NATURAL MOISTURE CONTENT %
W.G.—WELL GRADED
PEN.—PENETRATION
G.W.T.—GROUND WATER TABLE
B.P.F.—BLOWS PER FOOT.
N.P.—NON PLASTIC

DRAWN BY <u>BO Seale</u>	CHECKED BY <u>B. K. Stiller</u>	<u>PCR-80-36(7)105</u> PROJECT NUMBER <u>85H-86.98-1-80</u> STATION <u>SALT LAKE</u> COUNTY
CHECKED BY <u>R. D. Siegate</u>	CHECKED BY <u>D. K. B.</u>	
CHECKED BY <u>L. H. Rousher</u>	CHECKED BY <u>Ed Keane</u>	
APPROVAL RECOMMENDED BY <u>Ronald F. White</u>		
RECEIVED <u>10-22-79</u>	<u>Ray F. Stelling</u> CHIEF STRUCTURAL ENGINEER	
BR. NO.	DRG. NO. <u>C-710</u>	<u>2</u> OF <u>13</u>



Date drilled: April & June 1973

			APPROVAL		STATION	
			RECOMMENDED BY <i>David R. Miller</i>		SALT LAKE	
			RECEIVED - 10-22-79 - <i>Ray F. Schilling</i>		COUNTY	
			DATE			
NO.	BY	DATE	REMARKS			
REVISIONS						
			BR. NO.	DRG. C-710	2 OF 13	

Figure 1

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Create Combine Collaborate Secure Sign Forms Multimedia Comment

1 / 13 100% Find

Sticky Note Text Edits Show

Granular Backfill Borrow
Pile (Other than Timber) (12" ϕ Piles)
Driving Piles

451	CU.YD.	133.52
3909	Lin.Ft.	3878.7
3909	Lin.Ft.	3878.7

UTAH DEPARTMENT OF TRANSPORTATION SALT LAKE CITY, UTAH STRUCTURES DIVISION			
E.B. & W.B. I-80 OVER S.L. GARFIELD-WESTERN R.R. SPUR SITUATION AND LAYOUT			
DESIGN	K.S. 5-30-79	CHECK	D.L.C. 10-22-79
DRAWN	SMP 3/30/79	CHECK	WMB 5-30-79
QUANT.	SMP 5/24/79	CHECK	WMB 5-30-79
APPROVAL	10-17-79	James W. J. Haller	851+86.98
RECOMM.	DATE	GROUP LEADER	I-80
APPROVED	10-22-79	Ray J. Schilling	Salt Lake
DATE	DATE	CHIEF STRUCTURAL ENGR.	COUNTY
ACI-80-3(67)105			DRG. NO.
PROJECT NUMBER			C-710
			SHT. 1 OF 13

NO.	BY	DATE	REMARKS
REVISIONS			

FINALED BY : H.E.M. 10/21/82

