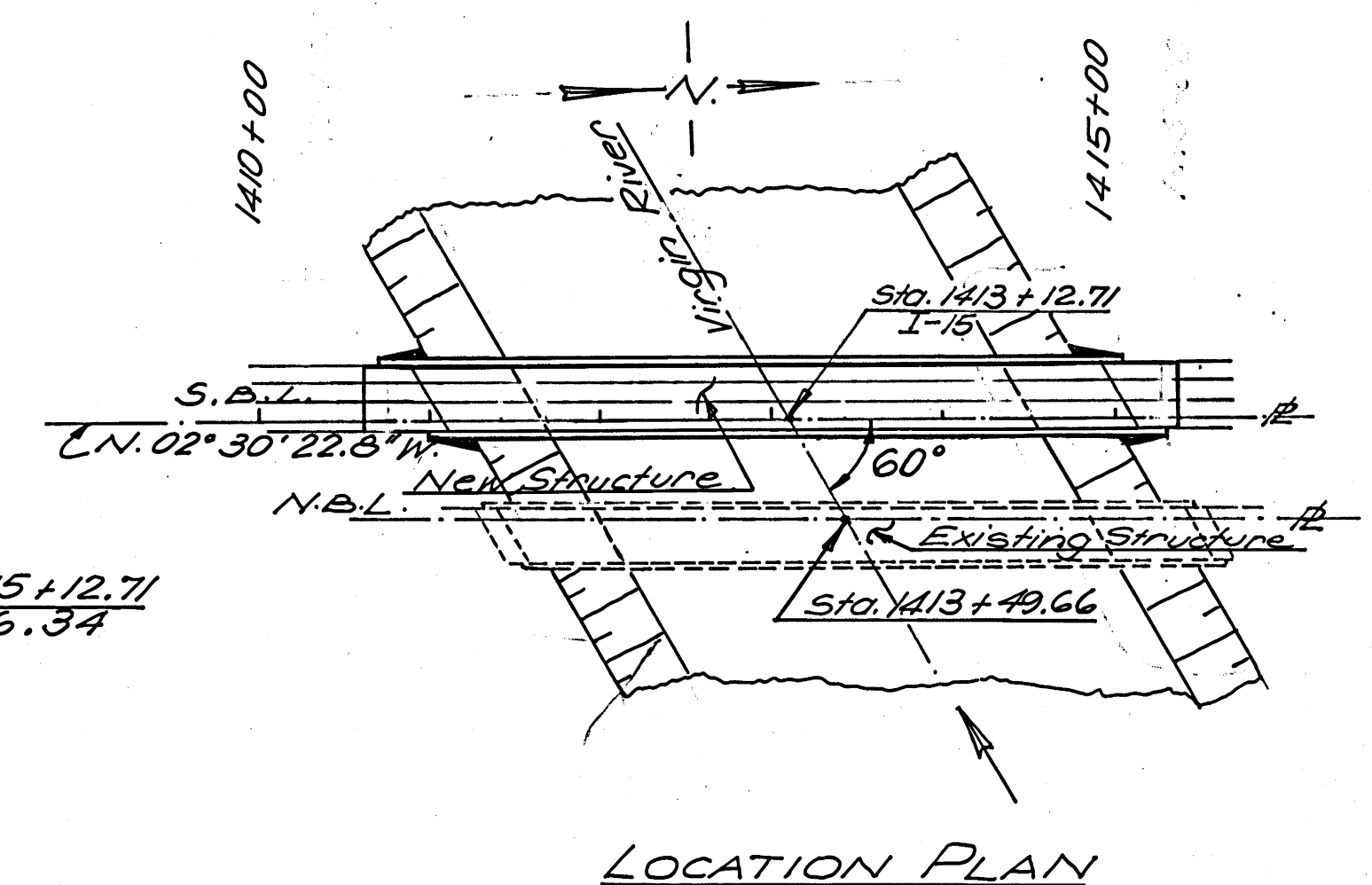
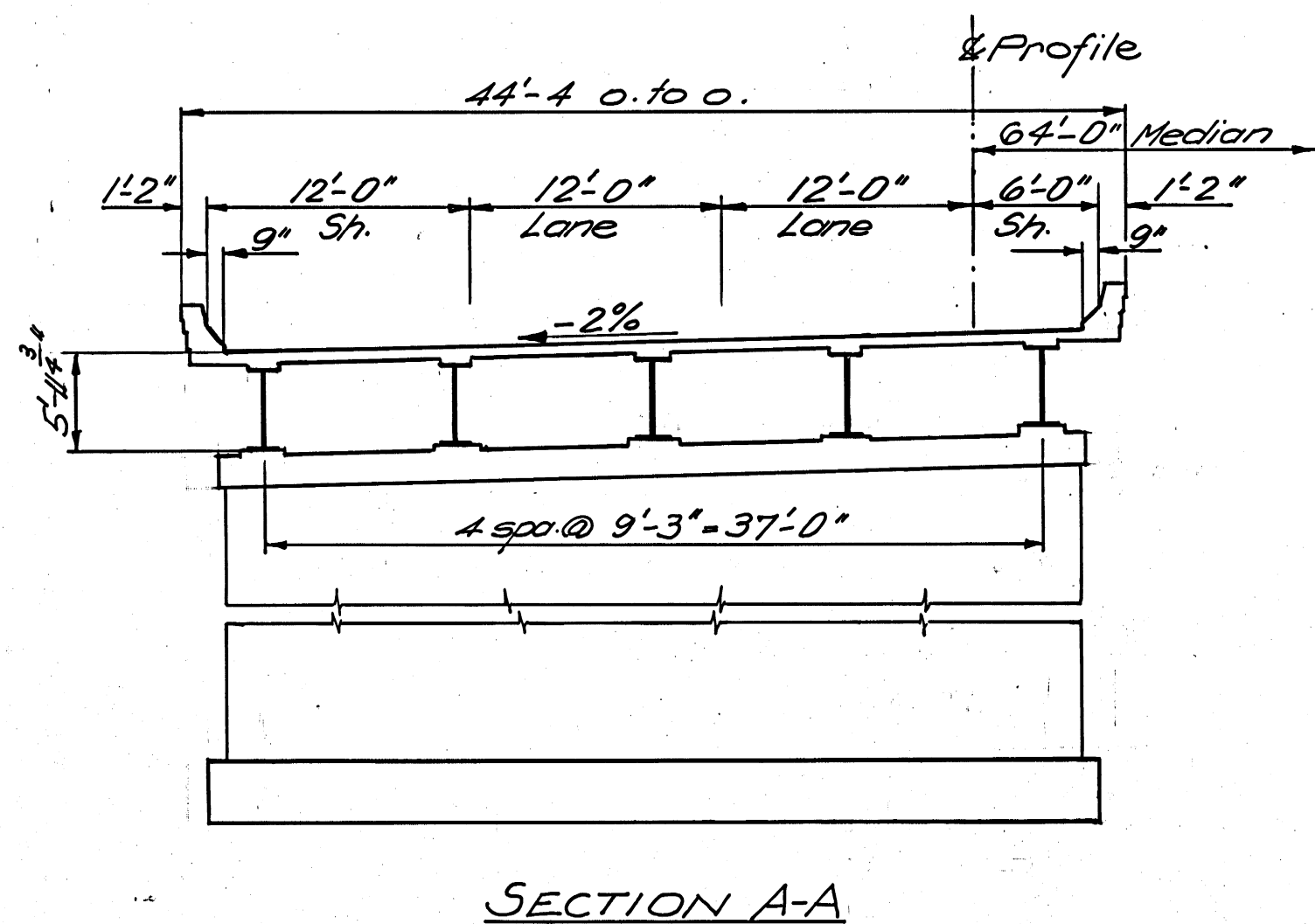
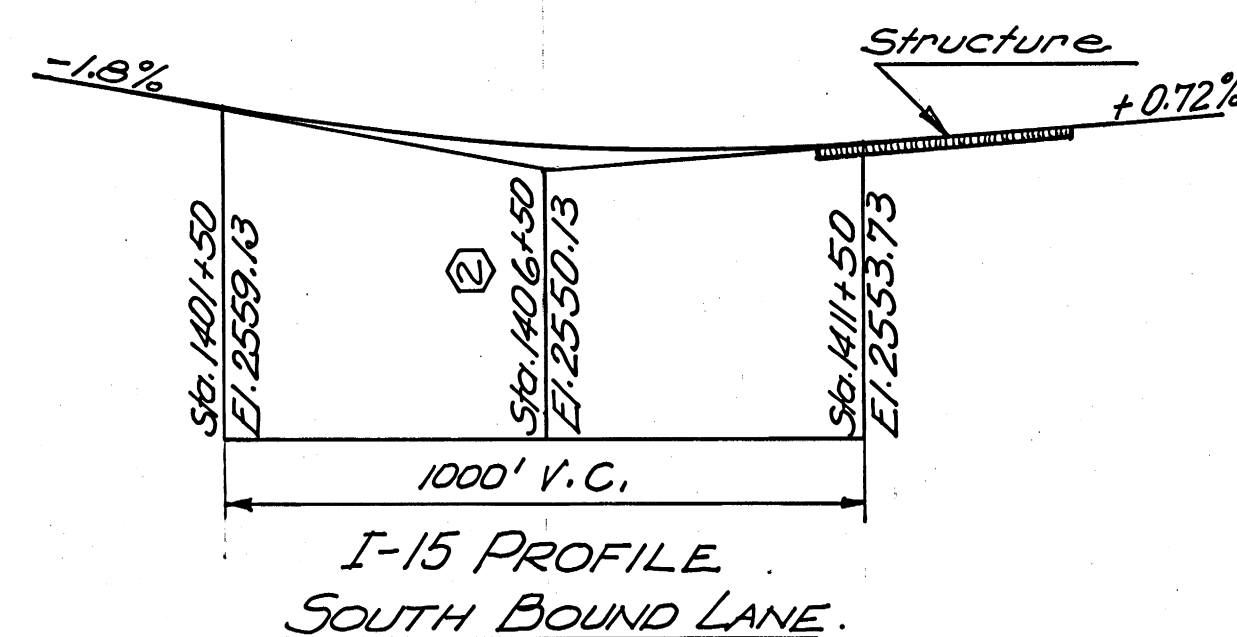
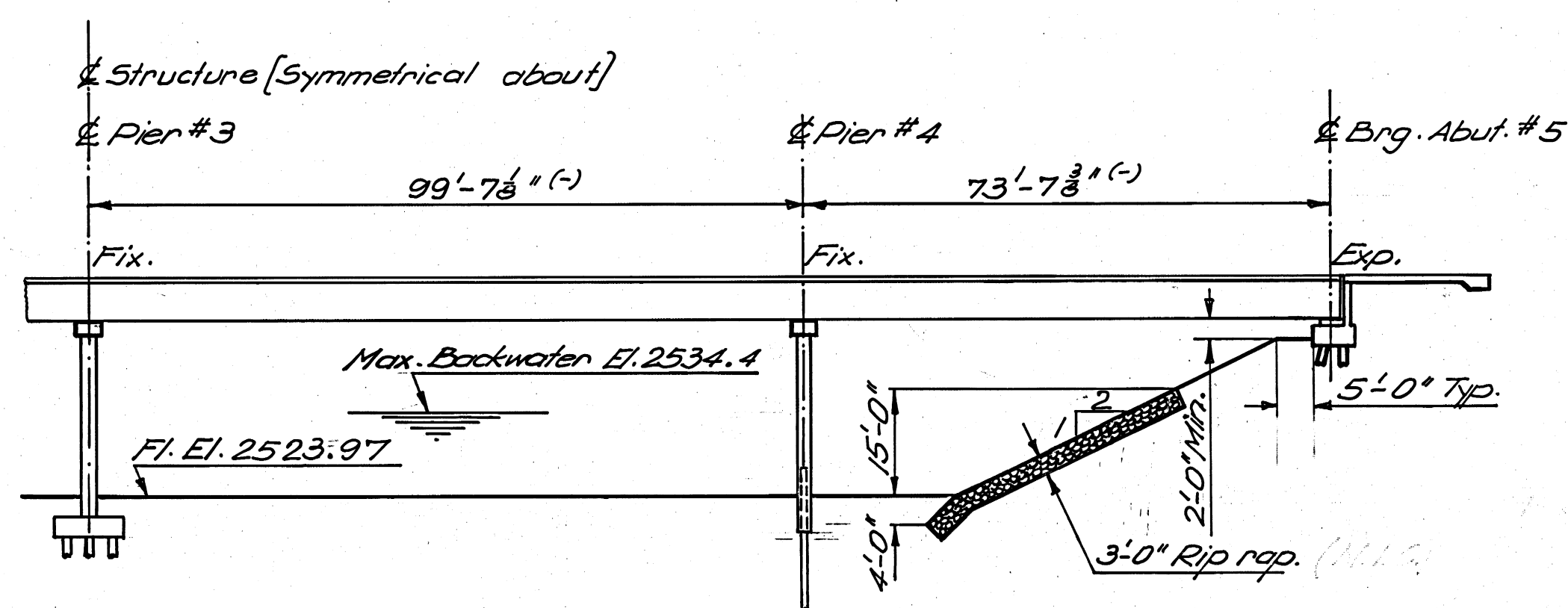
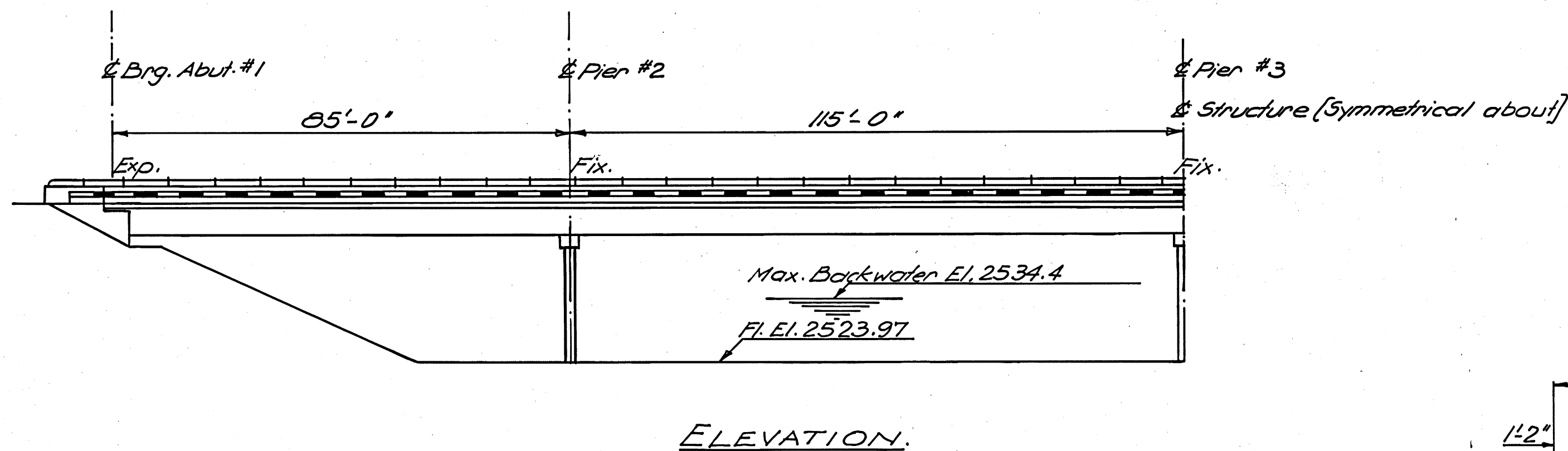
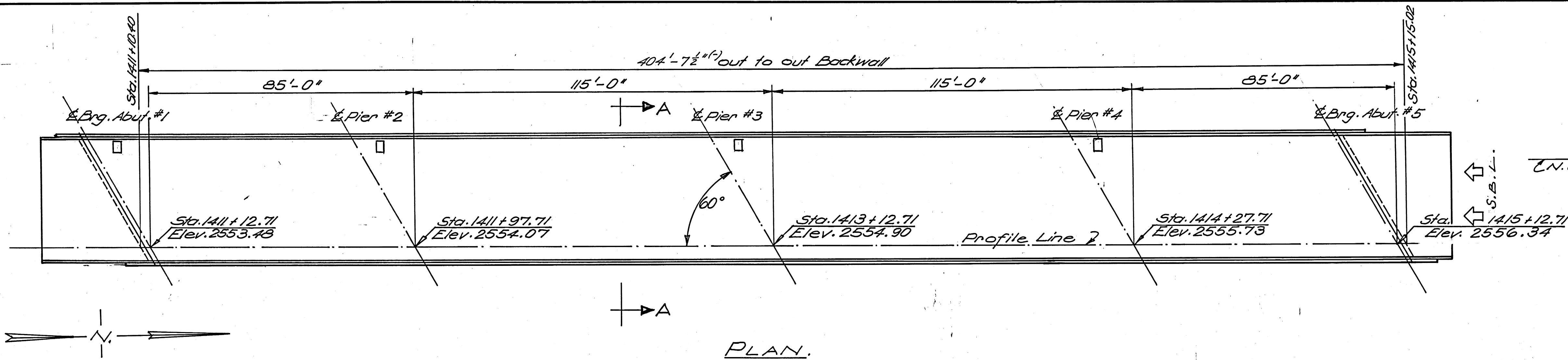




GENERAL NOTES

- 1- Materials, construction and workmanship shall be in accordance with the Utah Department of Highways 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 A615-68, Grade 40.
- 3- All structural steel shall be structural carbon steel conforming to AASHTO Designation M-103 (ASTM A-36) 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 inches except where noted otherwise.

DESIGN DATA

HS 20-44 or Interstate Alternate Loading in accordance with AASHTO Specifications of 1969.
 Cast-in-place Concrete $f'_c = 3,000$ p.s.i., f_s (Reinf) = 20,000 p.s.i.
 $f'_c = 1,200$ p.s.i., $n = 10$
 Structural Steel $f_s = 20,000$ p.s.i.
 Wearing Surface $\frac{1}{2}$ " concrete; 15 Lb./sq. ft. Future Surface.

QUANTITIES

ITEM	ESTIMATED	UNIT	AS CONST.
Excavation for Structures	480	CU. YD.	181.60
Class "A" Concrete (AE)	456	CU. YD.	456.00
Class "AA" Concrete (AE)	650	CU. YD.	650.00
Reinforcing Steel	186,135	LB.	186,135.00
Structural Steel	482,298	LB.	482,298.00
Metal Railing (Single Rail)	868	LIN. FT.	868.00
Granular Backfill borrow	132	CU. YD.	37.40
Pile (other than Timber)	5348	LIN. FT.	4,233.50
Furnishing Pile Driving Equipment	-	Lump	1.00

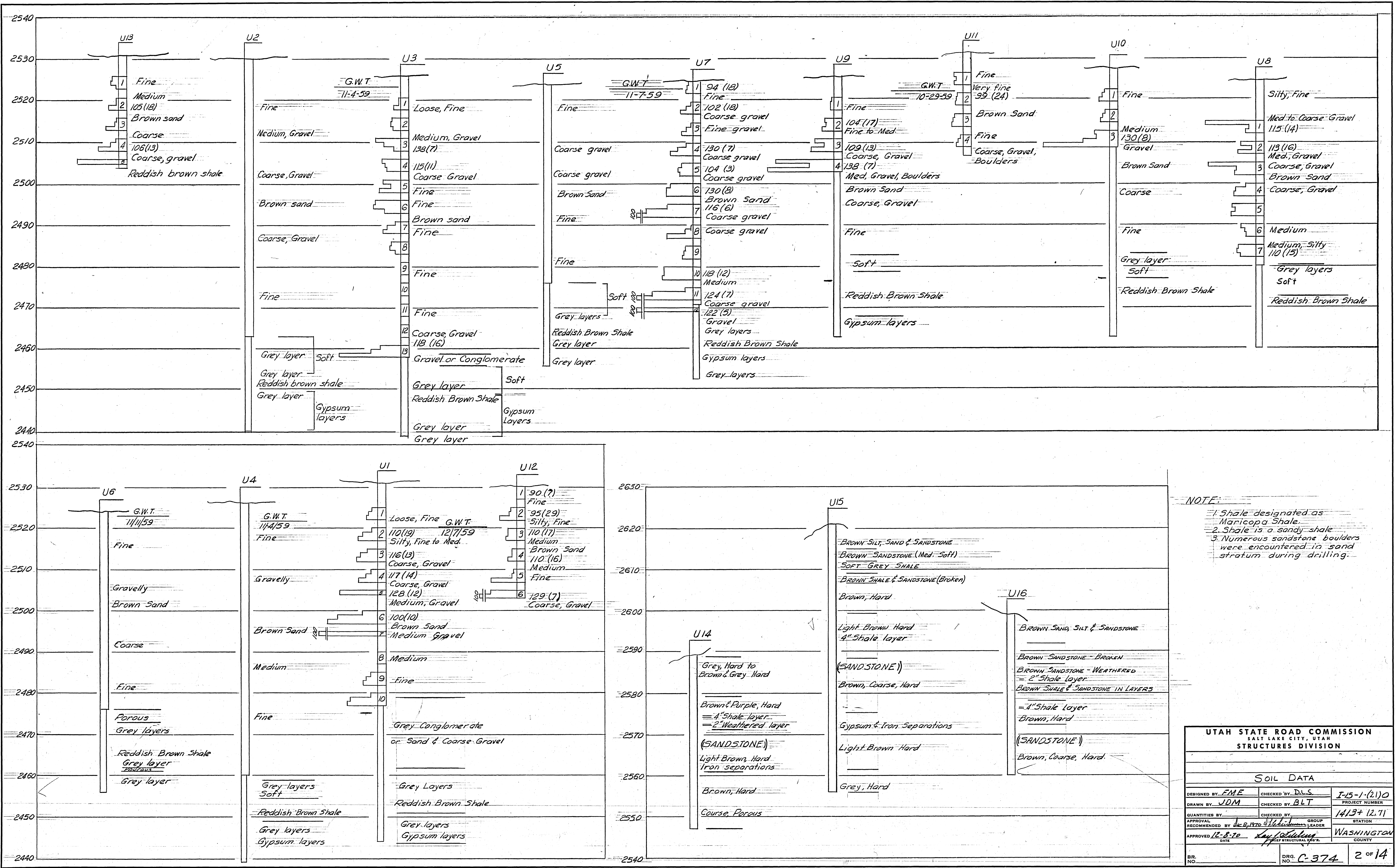
INDEX OF SHEETS

- 1- Situation and Layout
- 2- Soil Data
- 3- Soil Data
- 4- Foundation Plan
- 5- Abutment Details
- 6- Pier Details
- 7- Framing Plan & Scribed Elevations.
- 8- Beam Details
- 9- Bearing & Diaphragm Details
- 10- Beam End & Joint Details
- 11- Deck Plan & Sections
- 12- Parapet Details
- 13- Railing Details
- 14- Reinforcing Steel Schedule.

DESIGN	CCA	12/2/70	CHECK	D.L.S.	12/2/70	PROJECT NUMBER	1-15-1 [2] 0
DRAWN	AKP	12-9-70	CHECK	CCA	12-8-70	STATION	1413+12.71
QUANT.	A.H.S.	12/8/70	CHECK	D.L.C.	12-8-70	COUNTY	WASHINGTON
APPROVAL	RECOMM.	12-8-70	DATE	12-8-70	DATE	12-8-70	1 OF 14

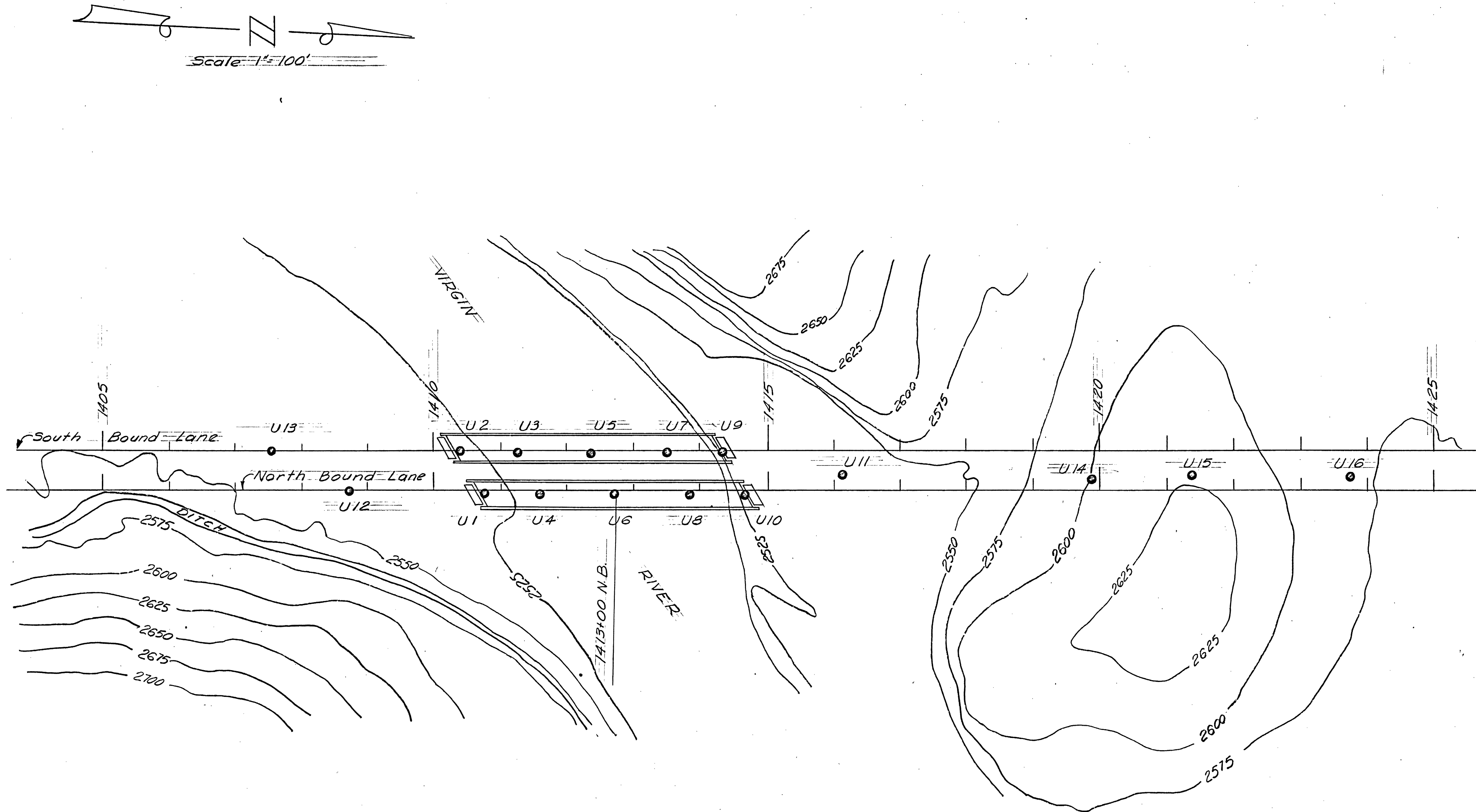
Final: Jan. 12-31-73

DATE
REVISED BY
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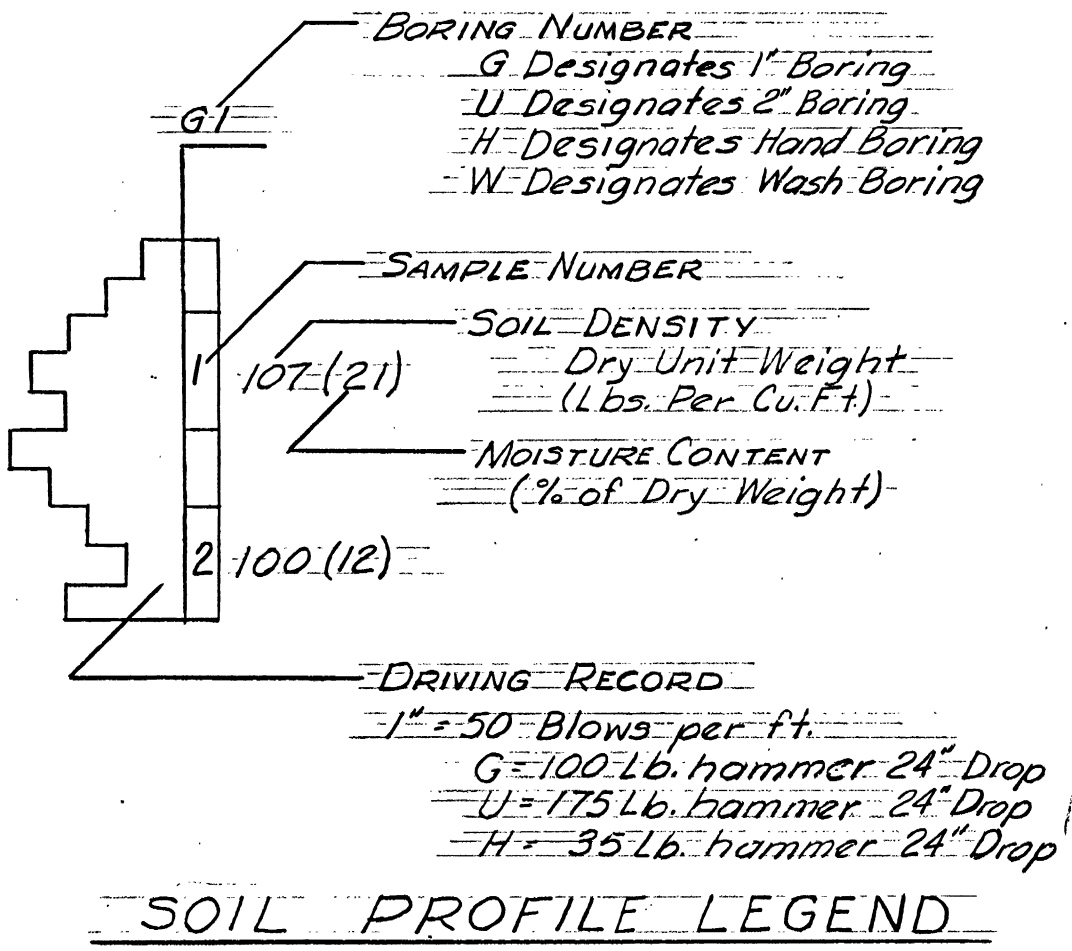


NOTE:
1. Shale designated as Maricopa Shale.
2. Shale is a sandy shale.
3. Numerous sandstone boulders were encountered in sand stratum during drilling.

UTAH STATE ROAD COMMISSION SALT LAKE CITY, UTAH STRUCTURES DIVISION			
SOIL DATA			
DESIGNED BY: FME	CHECKED BY: DLS	I-15-1(21)0	
DRAWN BY: JDM	CHECKED BY: BLT	PROJECT NUMBER	
QUANTITIES BY:	CHECKED BY:	1413+12.71	
APPROVAL RECOMMENDED BY: J. B. H. T. J. B. H. T.	GROUP LEADER	STATION	
APPROVED: 12-8-70	DATE	WASHINGTON	
BR. NO.	DRG. NO. C-374	2 OF 14	



NOTE
Circles indicate the
location of test holes.



UTAH STATE ROAD COMMISSION SALT LAKE CITY, UTAH STRUCTURES DIVISION		
SOIL DATA		
DESIGNED BY <u>FME</u>	CHECKED BY <u>DLS</u>	I-15-1(21) 0 PROJECT NUMBER
DRAWN BY <u>JDM</u>	CHECKED BY <u>B&T</u>	
QUANTITIES BY	CHECKED BY	1413 + 12.71 STATION
APPROVAL RECOMMENDED BY <u>Dec. 8, 1970</u> <u>W. J. P. L.</u>	GROUP LEADER	WASHINGTON COUNTY
APPROVED <u>12-8-70</u> <u>Kay</u>	DATE BRIEF STRUCTURAL ENG.	
BR. NO.	DRG. NO. <u>C-374</u>	3 OF 14