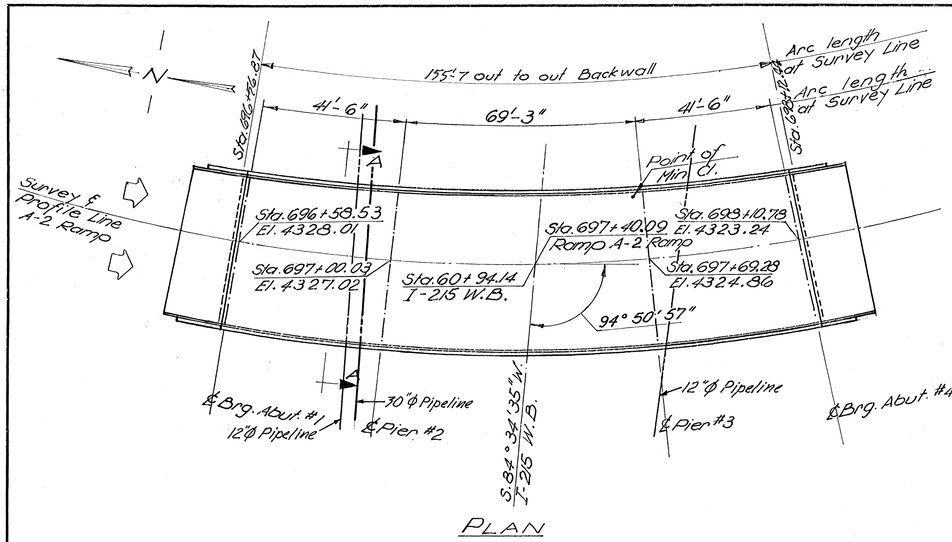
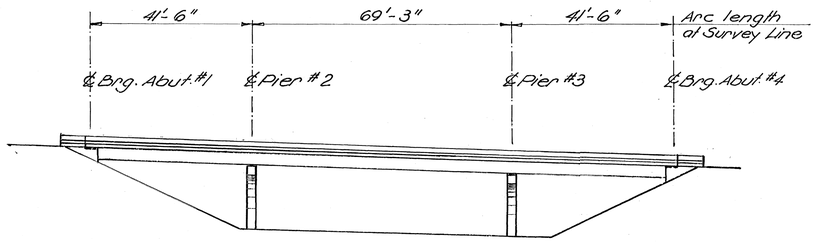
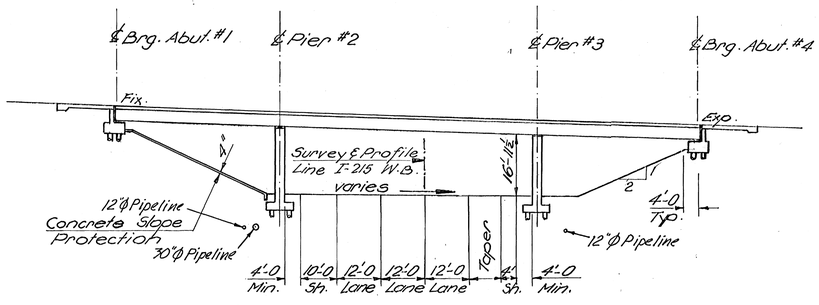


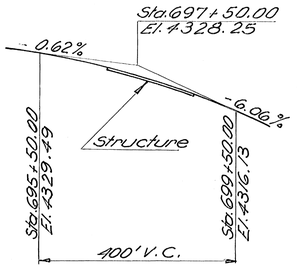
PLAN



ELEVATION



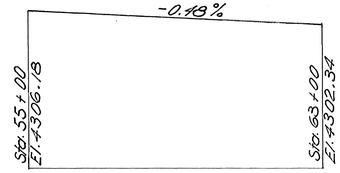
SECTION NORMAL TO BRG. S.84°34'35"W. I-215 W.B.



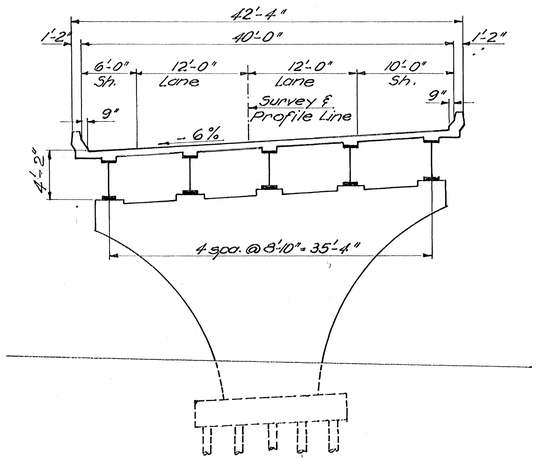
A-2 RAMP PROFILE

CURVE DATA - RAMP A-2

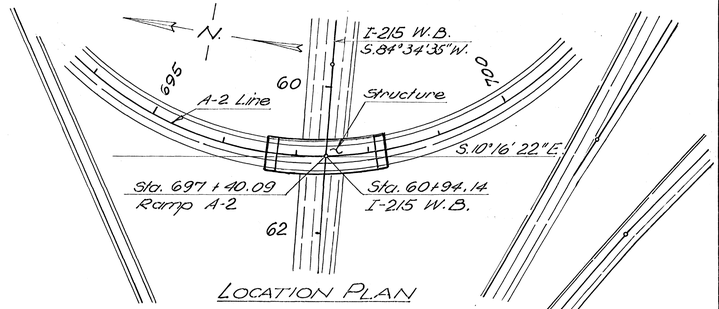
Brg. into S. 57° 10' 41" W.
P.C. Sta. 691 + 78.00
P.I. Sta. 699 + 97.78
P.T. Sta. 704 + 06.22
Δ = 119° 33' 53" Lt.
D = 12° 00' 00"
R = 477.46'
T = 819.78'
L = 996.37'
Brg. out of S. 76° 17' 51" E.
P.C.C. Sta. 701 + 74.37



I-215 W.B. PROFILE



SECTION A-A



LOCATION PLAN

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 there to which are in effect at the date of request for bids.

2- All reinforcing steel shall be deformed billet-steel bars conforming to A S T M Designation A 615-68, Grade 40.

3- All structural steel shall be structural carbon steel conforming to AASHO Designation M-183 (A S T M A-36) except where noted otherwise.

4- Exposed concrete corners shall be chamfered ¾" except where noted otherwise.

5- Cover to reinforcing steel shall be 2 inches except where noted otherwise.

DESIGN DATA

H S 20-44 or Interstate Alternate Loading in accordance with A.A.S.H.O. Specifications of 1969 and Interim Specifications.
Cast-in-place Concrete: f'c = 3,000 p.s.i., fs (Reinf.) = 20,000 p.s.i.
fc = 1,200 p.s.i., n = 10
Structural steel: fs = 20,000 p.s.i. (for A-36 steel)
Wearing Surface: ½" concrete, 15 Lbs./sq.ft. future surface.
Design Speed: I-215 70 M.P.H.
Ramp A-2 40 M.P.H.

QUANTITIES

	ITEM	ESTIMATED	UNIT	AS CONST:
	Excavation for Structures	199	Cu. Yd.	77.30
	Class A Concrete (AE)	150	Cu. Yd.	150.00
	Class AA Concrete (AE)	256	Cu. Yd.	256.00
	Reinforcing steel	82171	L.B.	81,032.00
	Structural steel	140,931	L.B.	140,931.00
▽	Expansion Joint	1	Lump	1.00
	Concrete Slope Protection	641	Sq. Yd.	580.76
	Granular Backfill Borrow	77	Cu. Yd.	68.10
△	Pile (other than timber)	1,608	Lin. Ft.	1,000.80
	Furnishing Pile Driving Equipment	1	Lump	1.00
	Electrical Work	1	Lump	1.00

INDEX OF SHEETS

1- Situation & Layout.
2- Soil Data
3- Foundation and Framing Plan
4- Pile Details
5- Abutment Details
6- Pier Details
7- Girder Details
8- Steel Bearing & Diaphragm Details
9- Beam End & Joint Detail
10- Beam End & Joint Detail, optional
11- Deck Plan & Sections
12- Screed Elevations
13- Parapet Details
14- Approach slab Drain Detail
15- Concrete Slope Protection
16- Lighting Details
17- Reinforcing Steel Schedule

NO.	BY	DATE	REMARKS
△	J.W.M	8-6-71	Quantities
▽	A.K.P.	7-6-71	Quantities

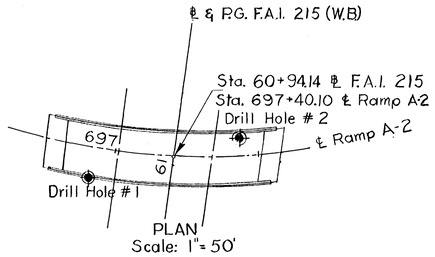
REVISIONS

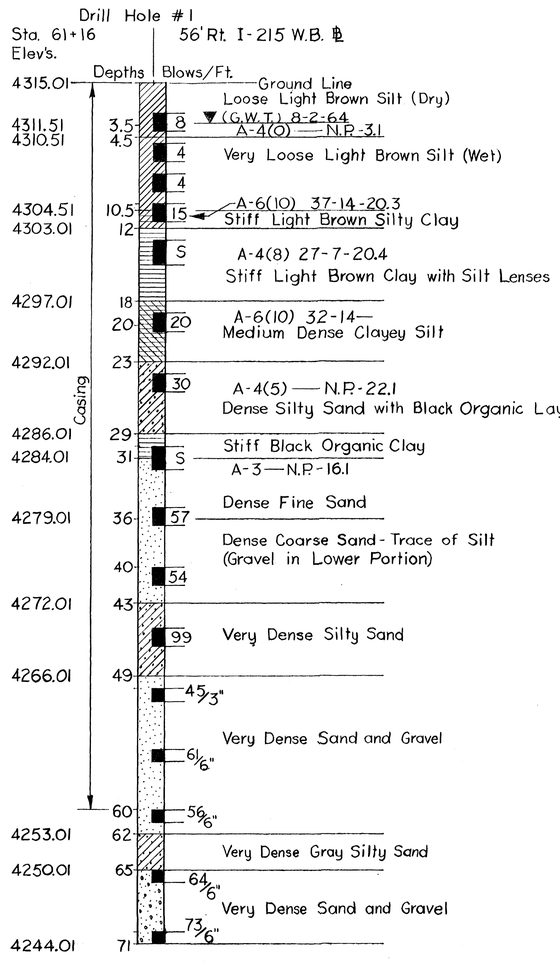
UTAH STATE DEPARTMENT OF HIGHWAYS
SALT LAKE CITY, UTAH
STRUCTURES DIVISION

6400 SOUTH INTERCHANGE
RAMP A-2 OVER I-215 WESTBOUND
SITUATION & LAYOUT

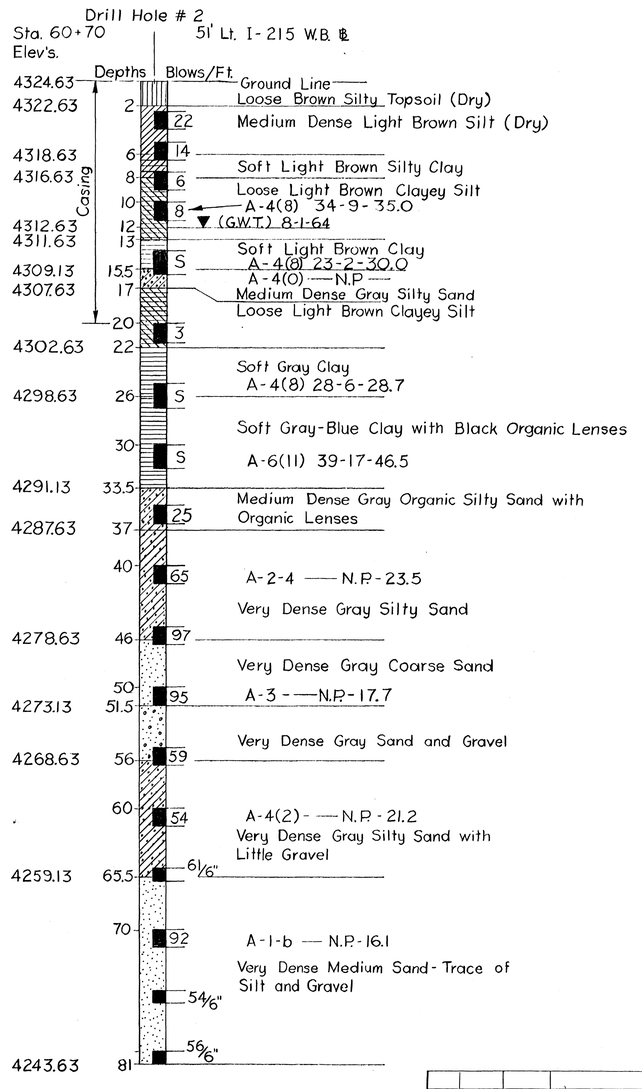
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DRAWN A.K.P. 4-22-71	CHECK RLB 5-5-71	PROJECT NUMBER	
QUANT. A.K.P. 5-23-71	CHECK C.L.S. 5-30-71	697+40.09	
APPROVAL RECOMM. June 16, 1971 DATE — GROUP LEADER		STATION	
APPROVED 7-2-71 DATE — CHIEF STRUCTURAL ENG'R.		SALT LAKE	
		COUNTY	
BR. NO.	DRG. NO. C-554	1 OF 17	

Final: Hans St. 9-29-72.





Profile Scale: 1" = 6'



KEY TO DRILLING LOGS

RELATIVE DENSITY (SAND & SILT)

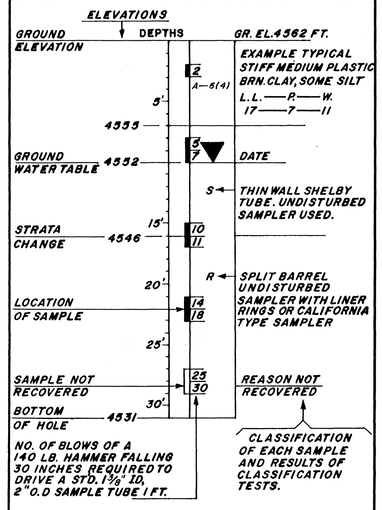
VERY LOOSE — LESS THAN 4 BLOWS PER FOOT.
LOOSE — 4 TO 10 BLOWS PER FOOT.
MEDIUM — 10 TO 30 BLOWS PER FOOT.
DENSE — 30 TO 50 BLOWS PER FOOT.
VERY DENSE — MORE THAN 50 BLOWS PER FOOT.

CONSISTENCY (CLAY)

VERY SOFT — LESS THAN 2 BLOWS PER FOOT.
SOFT — 2 TO 4 BLOWS PER FOOT.
MEDIUM — 4 TO 8 BLOWS PER FOOT.
STIFF — 8 TO 15 BLOW PER FOOT.
VERY STIFF 15 TO 30 BLOWS PER FOOT.
HARD — MORE THAN 30 BLOWS PER FOOT.

TOPSOIL OR FILL
GRAVEL
SAND
SILT
CLAY
SHALE
IGNEOUS
LIMESTONE
CONGLOMERATE
DOLOMITE
SANDY CLAY
CLAYEY SAND
SILTY CLAY
CLAYEY SILT
SILTY SAND
SANDY SILT

DRILL HOLE NO.
STATION — 0+00 ℄ OR LT. OR RT. IN FT. OFFSET.



ABBREVIATIONS

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

NO.	BY	DATE	REMARKS
			REVISIONS

UTAH STATE DEPARTMENT OF HIGHWAYS
SALT LAKE CITY, UTAH
MATERIALS AND RESEARCH DIVISION
6400 SOUTH INTERCHANGE
RAMP A-2 OVER F.A.I. 215 WESTBOUND
DRILLING LOGS

DRAWN BY BWS	CHECKED BY	F-IG-215-9(27)297 C	
CHECKED BY D.J.K	CHECKED BY	PROJECT NUMBER	
QUANTITIES BY	CHECKED BY	697-40.09	
APPROVAL RECOMMENDED BY June 16, 1971		STATION	
RECEIVED BY 7-2-71 DATE	CHIEF STRUCTURAL ENG'R.	SALT LAKE COUNTY	
ER. NO.	DRG. NO. C-554	2 OF 17	

C 554.pdf - Adobe Acrobat Pro
File Edit View Document Comments Forms Tools Advanced Window Help
Create Combine Collaborate Secure Sign Forms Multimedia Comment
1 / 17 100% Find
Sticky Note Text Edits Show

Expansion Joint	▽	1	LUMP	1.00
Concrete Slope Protection		641	SQ. YD.	580.76
Granular Backfill Borrow		77	CU. YD.	68.10
Pile (other than timber)	②	1,608	LIN. FT.	1,000.80
Furnishing Pile Driving Equipment		1	LUMP	1.00
Electrical Work		1	LUMP	1.00

UTAH STATE DEPARTMENT OF HIGHWAYS
SALT LAKE CITY, UTAH
STRUCTURES DIVISION

6400 SOUTH INTERCHANGE
RAMP A-2 OVER I-215 WESTBOUND
SITUATION & LAYOUT

DESIGN CCA 3-1-71	CHECK MW 6/15/71	I-IG-215-9(27)297 5th Contr.	
DRAWN AKP. 4-22-71	CHECK [illegible] 5-5-71	PROJECT NUMBER	
QUANT. AKP. 5-28-71	CHECK C.L.S. 5-30-71	697+40.09	
APPROVAL RECOMM. June 16, 1971 DATE	W. R. Schuhmann GROUP LEADER	STATION	
APPROVED 7-2-71 DATE	Ley J. Gehring CHIEF STRUCTURAL ENG'R.	SALT LAKE COUNTY	

NO.	BY	DATE	REMARKS
②	J.W.M	8-6-71	Quantities
▽	AKP.	7-6-71	Quantities

REVISIONS

BR. NO. _____ DRG. NO. C-554 1 OF 17

Final: Haun & Sk. 9-29-72.

Google Earth
File Edit View Tools Add Help
Sign in
W 6770 S
W 6065 S
W 6110 S
W 6140 S
W 6160 S
S 780 W
S 700 W
S 330 W
Sanford Dr
Strailer St
Spanish Oak Way
Sunset Links Dr
Veterans Memorial Hwy
215 Belt Route
I-15
W 6300 S
Krista Ct
©2013 Google
W Winchester St
Imagery Date: 6/17/2010 1997 40°38'10.20"N 111°54'25.19"W elev 4313 ft Eye alt 7114 ft
Google earth

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