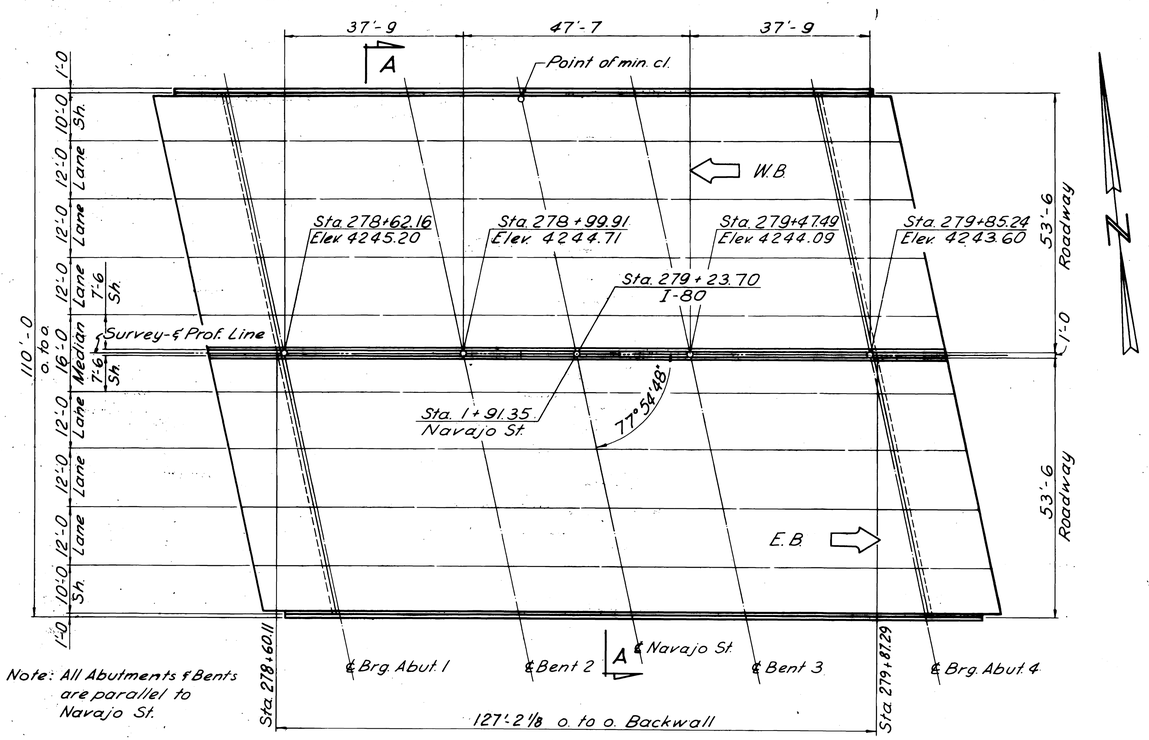
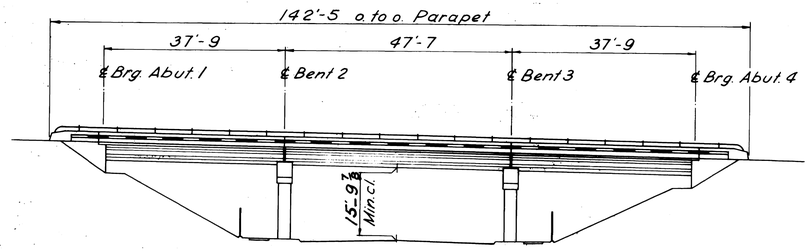
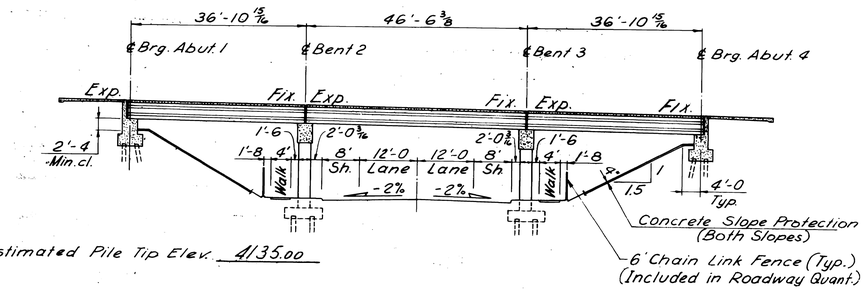


PLAN

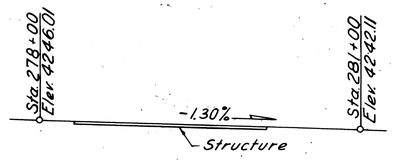


ELEVATION

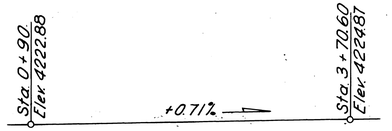


Estimated Pile Tip Elev. 4135.00

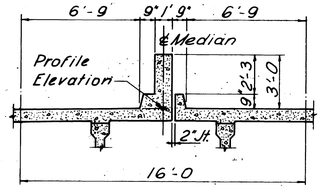
SECTION NORMAL TO NAVAJO ST.



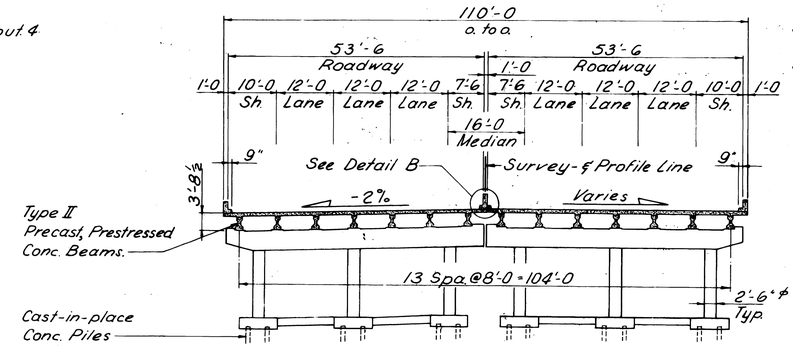
I-80 PROFILE



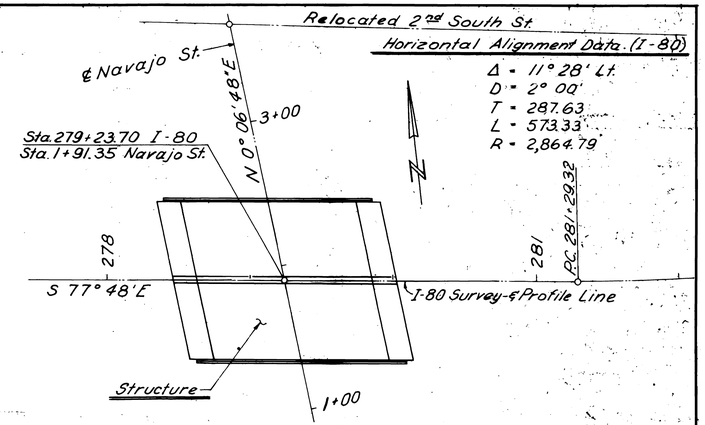
NAVAJO ST. PROFILE



DETAIL B



SECTION A-A



LOCATION PLAN

GENERAL NOTES

1. Materials, construction and workmanship shall be in accordance with the State of Utah Standard Specifications for Road and Bridge Construction, 1960 Edition, and Supplements thereto which are in effect at the date of request for bids.
2. All reinforcing steel shall be intermediate grade billet steel, conforming with A.A.S.H.O. designation M-31. Deformations shall conform with A.A.S.H.O. designation M-137.
3. Exposed concrete corners shall be chamfered ¾" except where noted otherwise.
4. Cover to reinforcing steel shall be 2 inches except where noted otherwise.

DESIGN DATA

HS 20-44 or Interstate Alternate Loading in accordance with A.A.S.H.O. Specifications of 1961 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.

Prestressed Concrete: f'c = 5,000 p.s.i. and 6,000 p.s.i. fs = (Non prestressed) = 20,000 p.s.i., n = 6.

Wearing Surface: ½" Concrete, 15 lbs/sq. ft. future surface.

QUANTITIES

ITEM	ESTIMATED	UNIT	AS CONST.
✓Excavation for Structures (Unclass.)	787	Cu. Yd.	648.10
Class A Concrete (AE)	933	Cu. Yd.	947.85
Reinforcing Steel	153,276	Lb.	156,382.00
✓Structural Steel	6,912	Lb.	Lump
✓Metal Railing (Single Rail)	280	Lin. Ft.	Lump
✓Concrete Slope Protection	908	Sq. Yd.	907.50
✓Mechanical Tamping	65	Hour	51.00
✓Prestressed Conc. Member, Type II-38'-4	28	Each	28.00
✓Prestressed Conc. Member, Type II-47'-5	14	Each	14.00
✓Elastomeric Bearing Pad - ¾" thick	66	Sq. Ft.	64.80
✓Polychloroprene Joint Seal - 1⅝" wide	335	Lin. Ft.	338.00
✓Polychloroprene Joint Seal - 1¾" wide	112	Lin. Ft.	112.70
Electrical Work, Bridges	1	Lump	1.00
✓Pile (other than timber	7,600	Lin. Ft.	7,685.30
✓Furnishing Pile Driving Equipment	1	Lump	1.00
✓Test Pile	156	Lin. Ft.	88.70

INDEX OF SHEETS

I-80 SUPERELEVATIONS

(Variation is constant betw. Points shown)

STATIONS	E.B. LANES
P.O.T. 277+99.32	Normal Crown
P.O.T. 279+79.32	Flat
P.C. 281+29.32	+3%
P.O.C. 282+29.32	+5%

NO.	BY	DATE	REMARKS
			REVISIONS

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

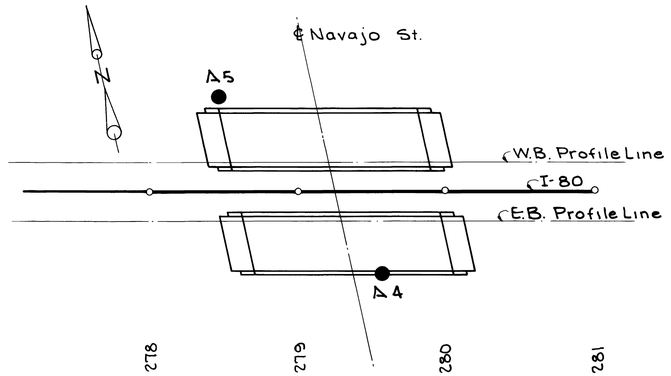
REDWOOD ROAD TO 9TH. WEST
I-80 OVER NAVAJO ST.
SITUATION & LAYOUT

DESIGNED BY R.G.U.	CHECKED BY T.L.S.	F-16-80-3(23)119 PROJECT NUMBER
DRAWN BY H.J.	CHECKED BY	
QUANTITIES BY A.K.P.	CHECKED BY J.C.M.	279+23.70 STATION
APPROVAL RECOMM. 3/9/65 DATE	Joseph P. West GROUP LEADER	
APPROVED May 13, 1965 DATE	A. E. Mansour CHIEF STRUCTURAL ENG'R.	SALT LAKE COUNTY
BR. NO.	DRG. F-6	1 OF 19

FINAL 4-20-67 ✓

ENG. AUTH. _____ CONSTN. AUTH. _____

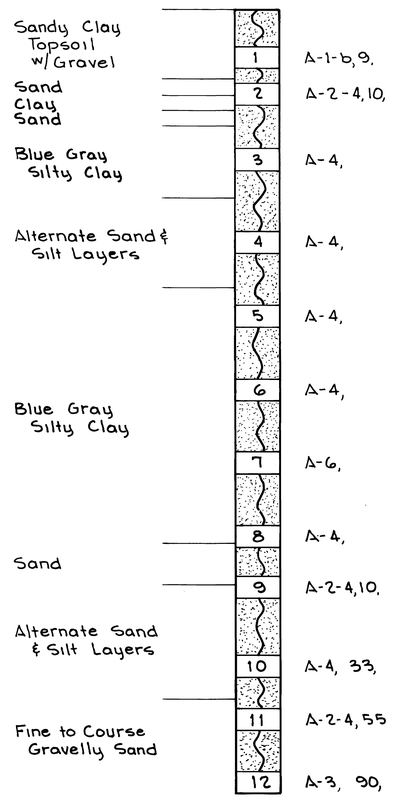
F-6R
F-6



Situation Plan

A4

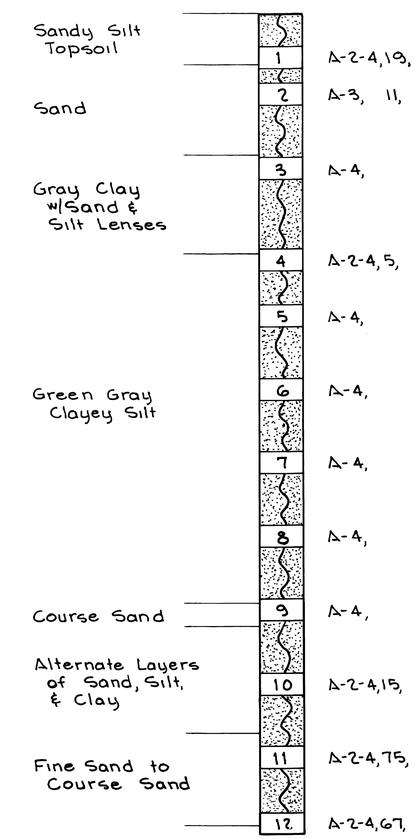
Elev. 4221.5



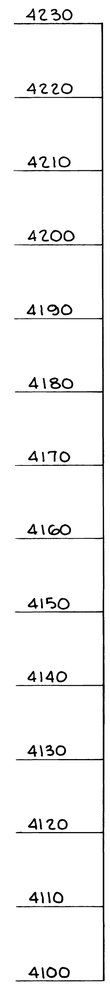
Elev. 4115.0

A5

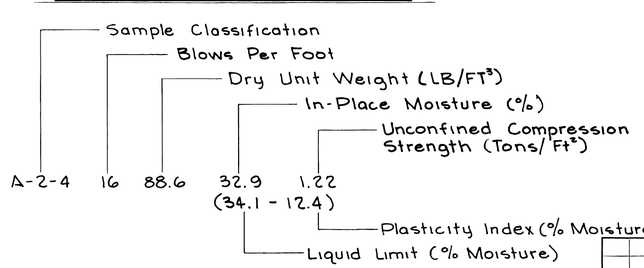
Elev. 4221.0



Elev. 4109.5



Log of Test Holes



NO.	BY	DATE	REMARKS

REVISIONS

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

REDWOOD ROAD TO 9TH WEST
I-80 OVER NAVAJO ST.
SOIL DATA

DESIGNED BY R.G.W.	CHECKED BY T.L.S.	F-I76-80-3[23]118 PROJECT NUMBER
DRAWN BY DVB	CHECKED BY JEW	
QUANTITIES BY	CHECKED BY	279 + 23.70 STATION
APPROVAL RECOMM. 3/15/65 DATE	Joseph E. West GROUP LEADER	SALT LAKE COUNTY
APPROVED May 13, 1965 DATE	A. S. Mansour, Jr. CHIEF STRUCTURAL ENG'R.	
BR. NO.	DRG. F-6	2 OF 19

ENG. AUTH. _____ CONSTN. AUTH. _____

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Polychloroprene Joint Seal - 1¾" wide	112	Lin. Ft.	112.70
Electrical Work, Bridges	1	Lump	1.00
Pile (other than timber	7,600	Lin. Ft.	7,685.30
Furnishing Pile Driving Equipment	1	Lump	1.00
Test Pile	156	Lin. Ft.	88.70

PERELEVATIONS

stant betw. Points shown)

	E.B. LANES
32	Normal Crown
32	Flat
32	+3%
32	+5%

REMARKS

EVISIONS

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

REDWOOD ROAD TO 9TH. WEST
I-80 OVER NAVAJO ST.
SITUATION & LAYOUT

DESIGNED BY R.G.J.	CHECKED BY T.L.S.	I-16-80-3(23)118 PROJECT NUMBER
DRAWN BY H.J.	CHECKED BY	
QUANTITIES BY A.K.P.	CHECKED BY J.C.M.	279 + 23.70 STATION
APPROVAL RECOMM. 3/9/65 DATE	Joseph E. West GROUP LEADER	
APPROVED May 13, 1965 DATE	A. E. Mansour CHIEF STRUCTURAL ENG.	SALT LAKE COUNTY
BR. NO.	DRG. F-6	1 OF 19

FINAL 4-20-67 L. J. [illegible]

ENG. AUTH. _____ CONSTN. AUTH. _____

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Lincoln Hwy
I-80
Pierpont Ave
Navajo St
S 1490 W
Pueblo St
S 1430 W
Concord St
© 2013 Google
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Imagery Date: 6/17/2010 1993 40°45'53.60" N 111°55'46.10" W elev 4231 ft Eye alt 5602 ft