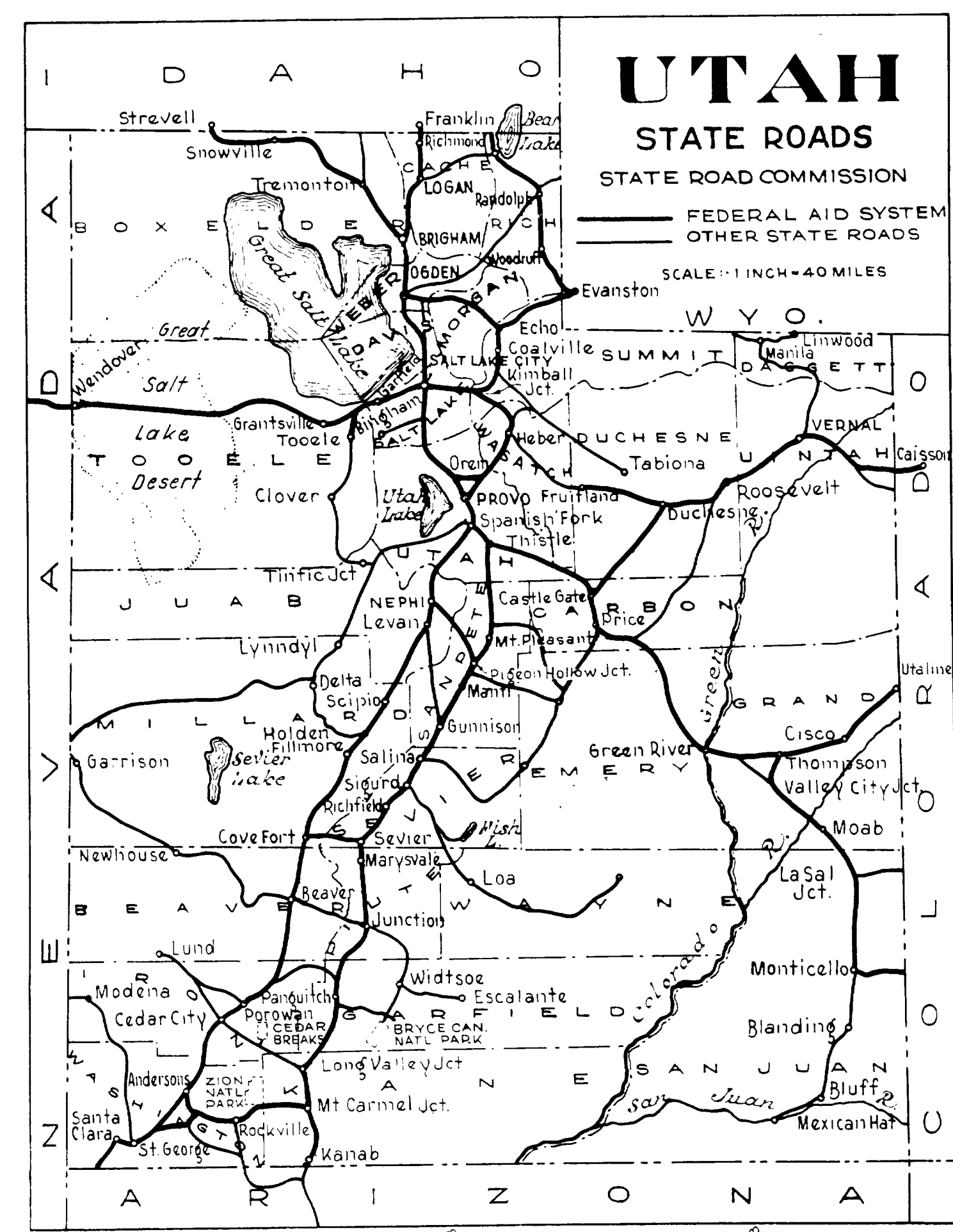


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	E-125-A	1932	1	7
12	UTAH	N.R.M.P. 125-B	1933	1	7

STATE OF UTAH STATE ROAD COMMISSION

PLANS OF PROPOSED STATE ROAD FEDERAL AID PROJECT WEBER COUNTY

Sec. A Ogden - North Ogden - Length 2.660 Miles
N.R.M.P. No. 125-B - Grant Ave, Ogden - Length 0.850 Miles



Scales { Plan 1" = 100' 500'
 { Profile { Horizontal 1" = 100'
 { Vertical 1" = 10'

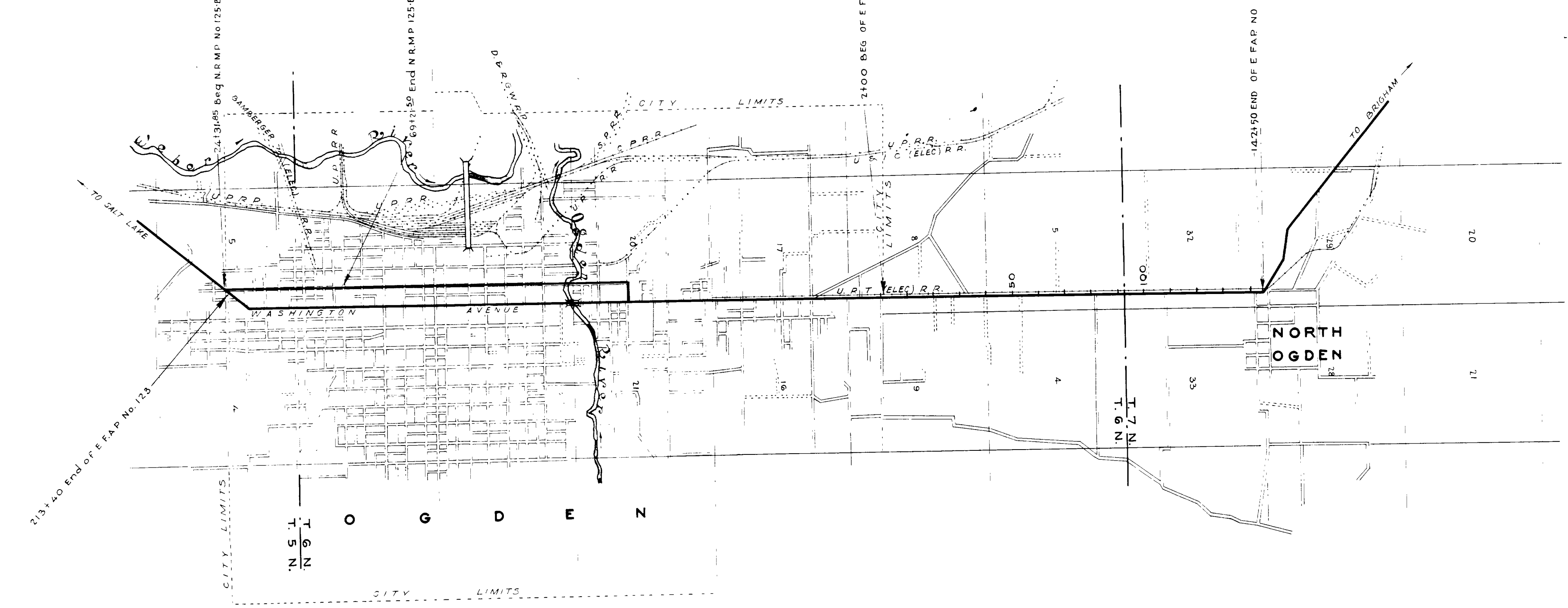
INDEX TO SHEETS F. A. P. No. 125-A

SHEET No.	DESCRIPTION	DRAWING No.	STATION
1	Title Sheet		
2	Typical Section	Type "Spl"	
3-7	Plan and Profile		
8	7' x 2'-6" Conc. Box (Extend 16' ft)	E-397	13+36.6
9	2' x 2' x 5'-8" Conc. Box	E-163-L19	Various
10	3' x 2' x 5'-6" Conc. Box	E-164-L17	112+86
11-A	F.A.P. and R/W. Markers	J-391-R	
1-8	Cross Section		

INDEX TO SHEETS N.R.M.P. No. 125-B

SHEET No.	DESCRIPTION	DRAWING No.	STATION
1	Title Sheet		
2	Typical Section	Type "Spl"	
3-5	Plan & Profile		
6	Ogden City Standard, 18' x 10" Conc. Culv.	E-409	Various
7-A	N.R.M. Markers	J-391-R	

Constructed Oct Nov 1933



Scale 1" = 3000'

APPROVED 3 Sept 1932
STATE ROAD COMMISSION OF UTAH

Henry H. Flood
CHAIRMAN

Preston Peterson
MEMBER

W. J. Parker
MEMBER

[Signature]
CHIEF ENGINEER

RECOMMENDED FOR APPROVAL
[Redacted Signature]

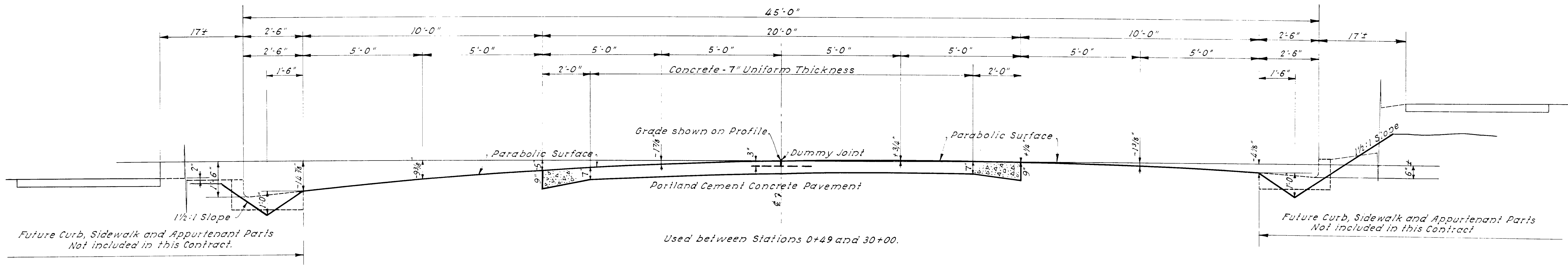
RECOMMENDED FOR APPROVAL
[Redacted Signature]

APPROVED
[Redacted Signature]

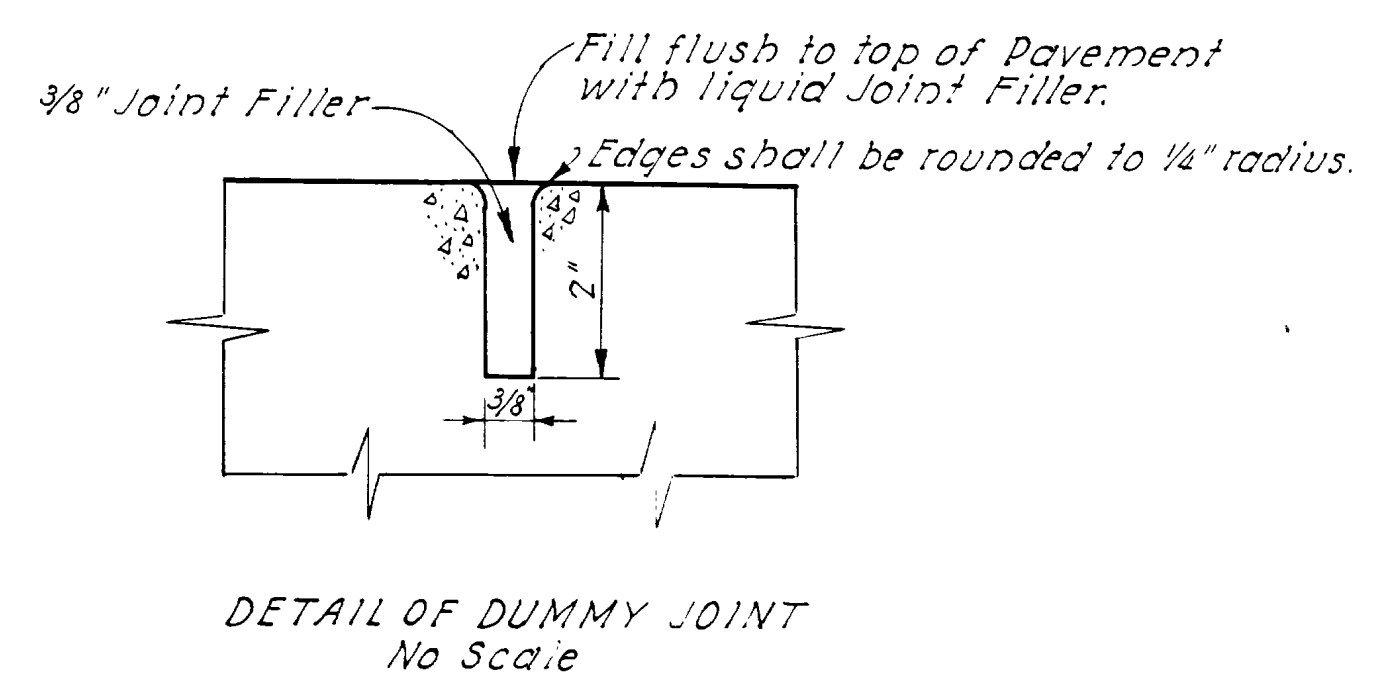
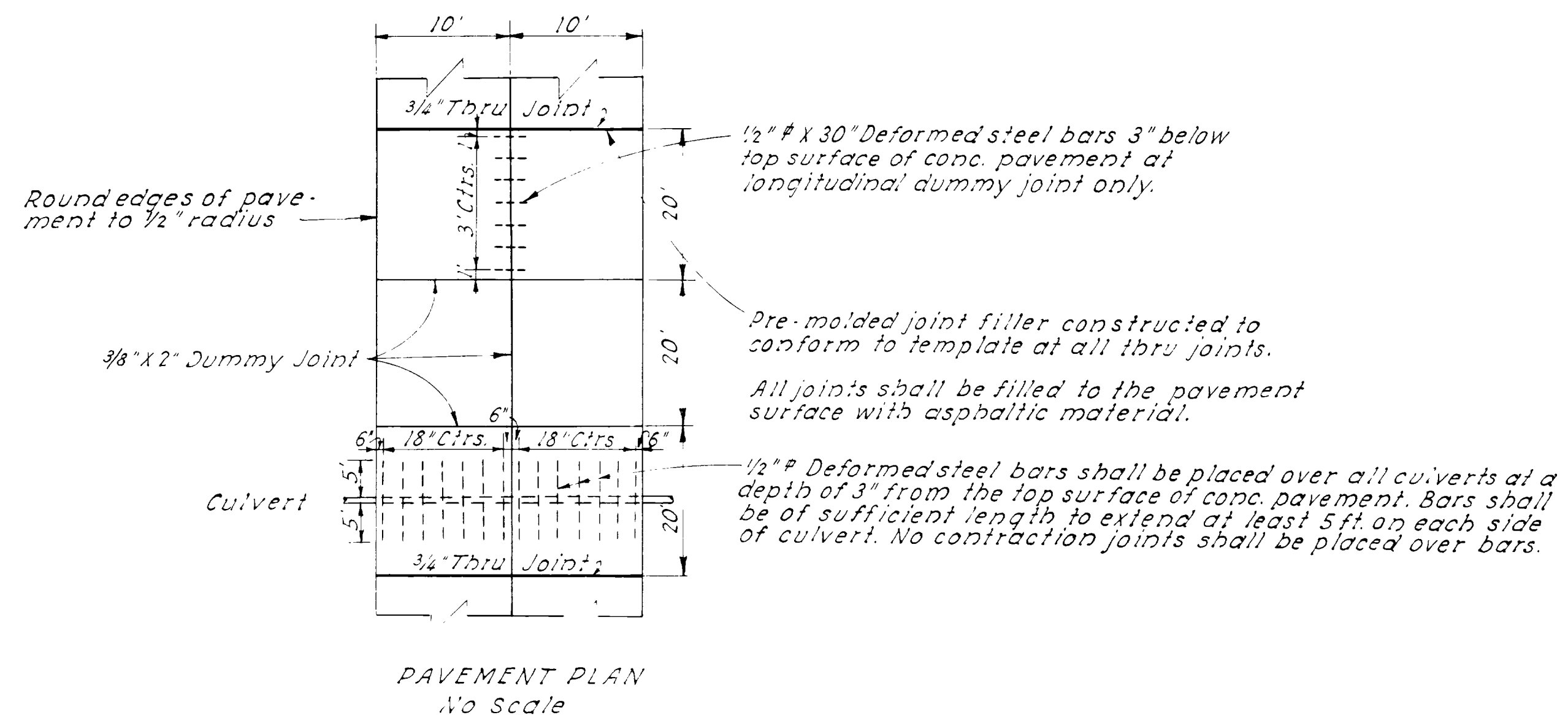
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
CHIEF ENGINEER BUREAU PUBLIC ROADS
DIRECTOR BUREAU PUBLIC ROADS

TYPICAL CROSS SECTION

FED. ROAD DIST. NO.	STATE	FED. A. D. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH				

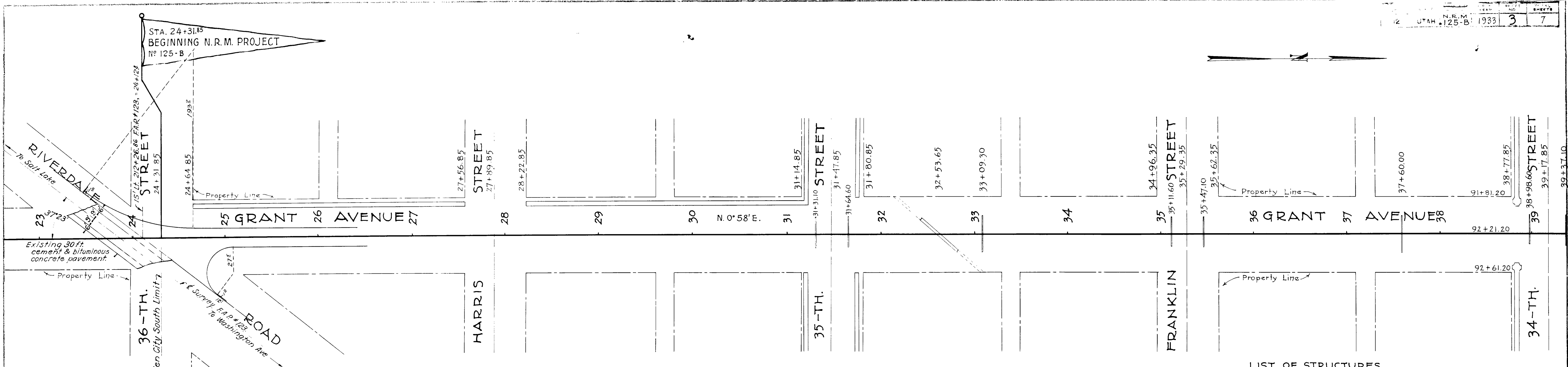


REVISIONS	DATE	BY



USED ON N.R.S. No.	USED ON F. A. P. NO.	UTAH STATE ROAD COMMISSION SALT LAKE CITY - UTAH H. S. KERR CHIEF ENGINEER
132-A		20' PORTLAND CEMENT CONCRETE PAVEMENT 10' SHOULDERS
N.R.M. 125-B		
		DESIGNED BY W.L.A.F.M. SCALE 1" = 2'-0"
		DRAWN BY A.M.G. ISSUED 8-12-33
		CHECKED BY " " APPROVED
		EXAMINED BY " "
		TYPE SPECIAL

PLAN
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 C.A. West



Scale: 1" = 50'

OGDEN

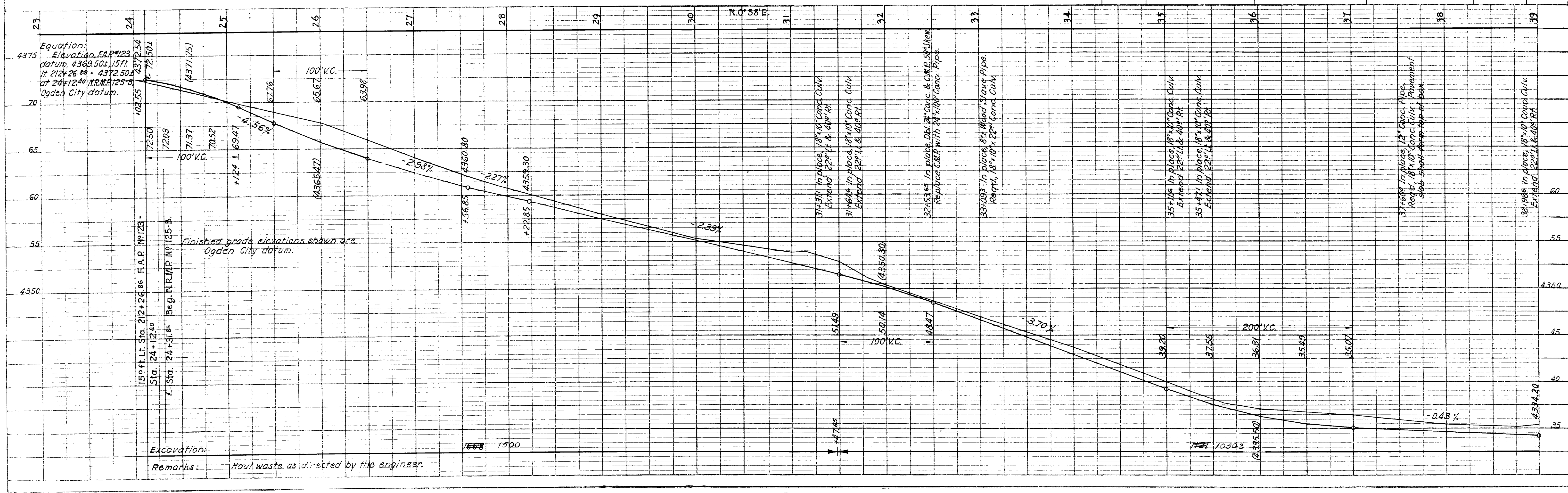
Note: Pavement from sta 24+12.40 to sta 24+31.85 included in contract.

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING NO.
31+31.1	18" x 10" Conc. Culv.	Extend 28' Lt & 40' Rt (63')	Pavement shall form top of box	E-409
31+64.6	18" x 10" Conc. Culv.	Extend 28' Lt & 40' Rt (63')	" " " " " "	"
32+53.65	8" Wood Stave Pipe	18" x 10" Conc. Culv. (6)	50' Skew. Replace C.M.P.	"
33+09.3	8" Wood Stave Pipe	18" x 10" Conc. Culv. (6)	Pavement shall form top of box	E-409
35+11.6	18" x 10" Conc. Culv.	Extend 28' Lt & 40' Rt (63')	" " " " " "	"
35+47.1	18" x 10" Conc. Culv.	Extend 28' Lt & 40' Rt (63')	" " " " " "	"
37+60.9	12" Conc. Pipe	18" x 10" Conc. Culvert (46)	Pavement shall form top of box	"
38+98.6	18" x 10" Conc. Culv.	Extend 28' Lt & 40' Rt (63')	" " " " " "	"

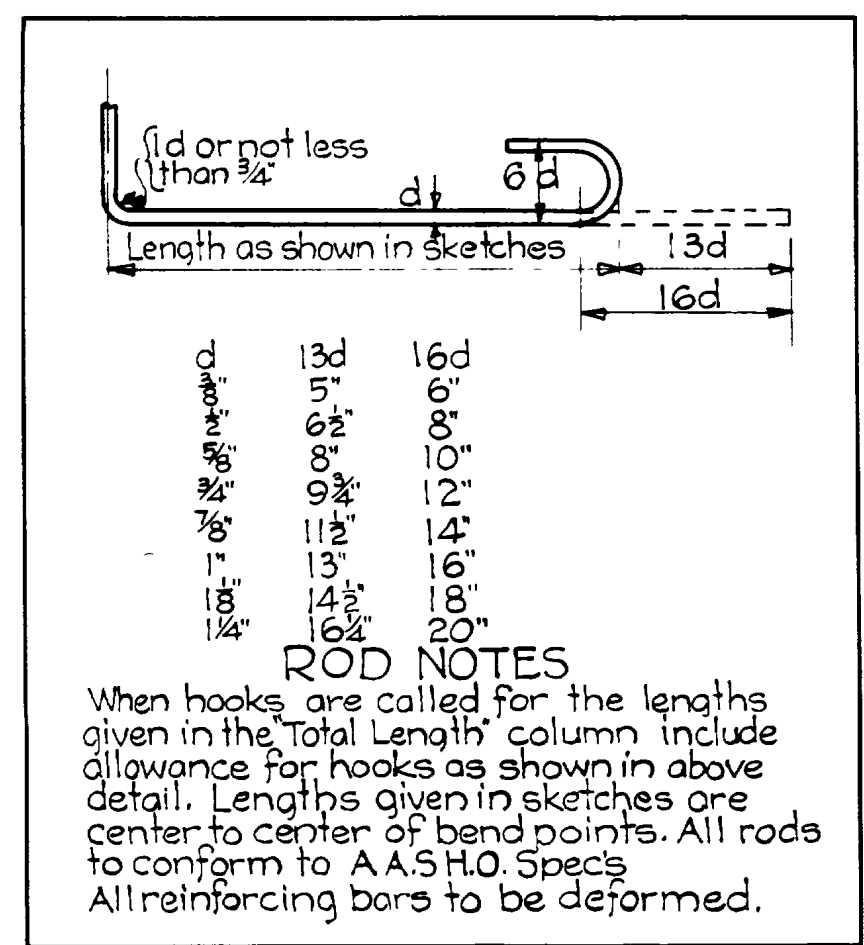
Note: Exact lengths and types of all culverts shall be determined during construction.

PROFILE
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 OGDEN Eng. Dept. 1933
 H.S.T.



Mark	Location	Size	Length	No. Bars	Total Length	Sketch	Qty.
A1	Slab Top & Bottom	3"	11'-5"	18	205'-6"		
A2	"	3"	10'-5"	18	187'-6"		8'-6"
B1	Walls	3"	3'-9"	32	120'-0"		
B2	"	3"	9'-3"	18	166'-6"		
C1	Longitudinal Bars	3"	15'-9"	12	189'-0"		
C2	"	3"	18'-0"	1	18'-0"		
C3	"	3"	19'-6"	1	19'-6"		
C4	"	3"	20'-3"	2	40'-6"		
C5	"	3"	18'-11"	6	113'-6"		
D1	Wing Wall	5'-5"	5	27'-11"			
D2	"	5'-5"	1	5'-5"	A = 3'-6"		
D3	"	5'-2"	1	5'-2"	A = 3'-3"		
D4	"	4'-7"	1	4'-7"	A = 2'-8"		
D5	"	4'-0"	1	4'-0"	A = 2'-1"		
D6	"	3'-5"	1	3'-5"	A = 1'-6"		
E1	"	5'-7"	9	50'-3"			
F1	"	11'-6"	3	34'-6"			
F2	"	4'-9"	7	33'-3"			
F3	"	3'-3"	2	6'-6"			
F4	"	4'-3"	2	8'-6"			
G1	Curb	13'-7"	2	27'-2"			
P1	Posts	3'-8"	12	44'-0"			

559'-6" of 3" Bars @ 20.7' = 1158*
 754'-4" of 2" " @ 0.86' = 649*
 Total = 1807*

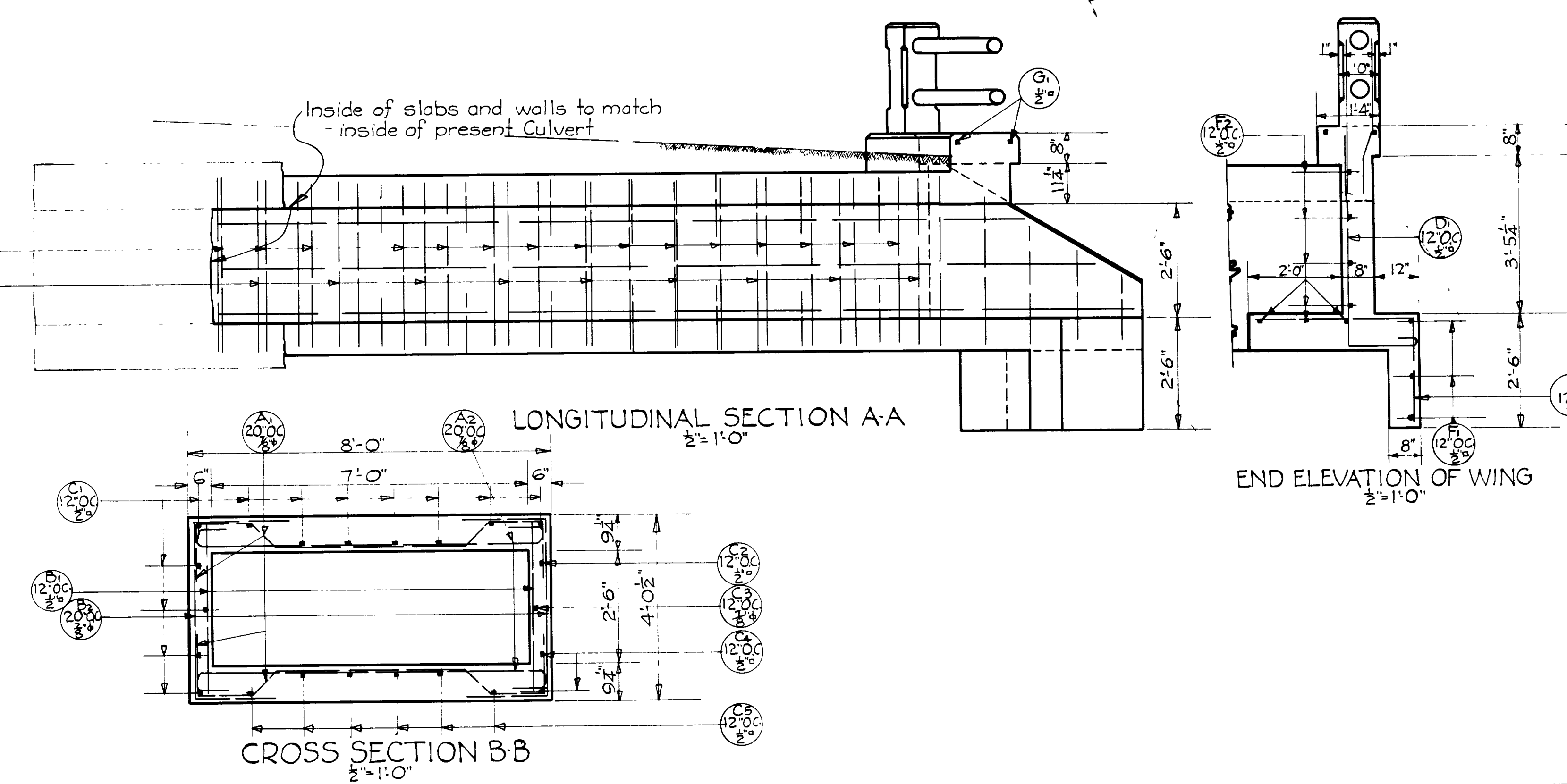
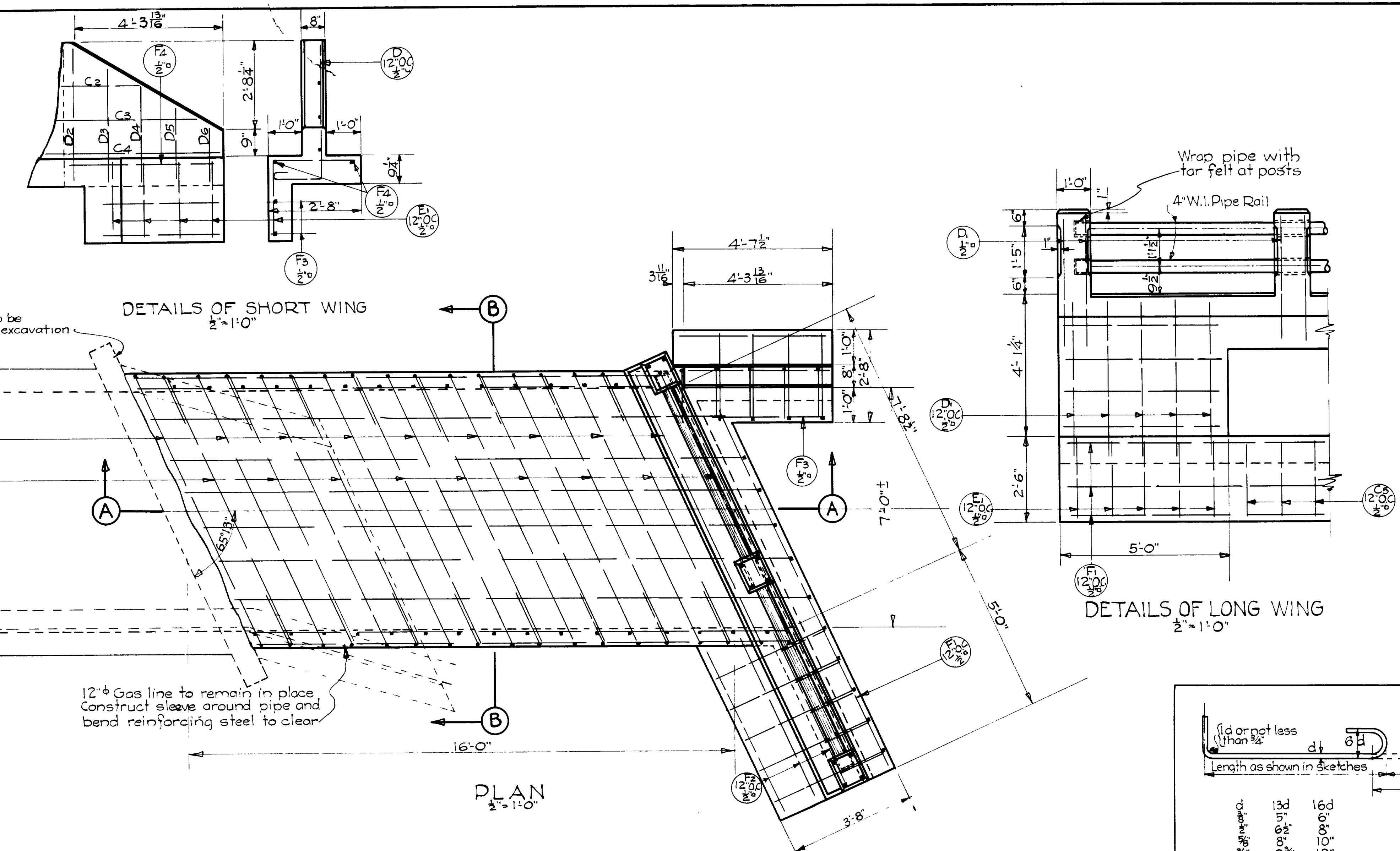


GENERAL NOTES
 All concrete to be class 'A' and is to be kept moist 21 days after pouring.
 All exposed edges to be chamfered 1".
 Reinforcing steel to be deformed bars, overlapped not less than 40 diameters at all splices, secured against displacement by wiring at all intersections with No. 16 iron wire and shall have a minimum of 1" clear cover of concrete.
 All reinforcing steel shall fulfill the requirements of A.A.S.H.O. Specifications.
 Bar diagrams are not drawn to scale and those bars not detailed are either straight or field bent, all dimensions are to 1/8" of bar unless otherwise shown.
 Contractor shall verify steel schedules and any errors or omissions therein shall not be cause for adjustment in unit prices.
 Contractor to furnish all materials except cement.

DESIGN DATA
 Live Load: 2-15 Ton Trucks with 30% impact.
 Dead Load: Concrete 150* per cu. ft. Fill 120* per cu. ft.
 Stresses: Steel 16000*/sq. in., Concrete 650*/sq. in.

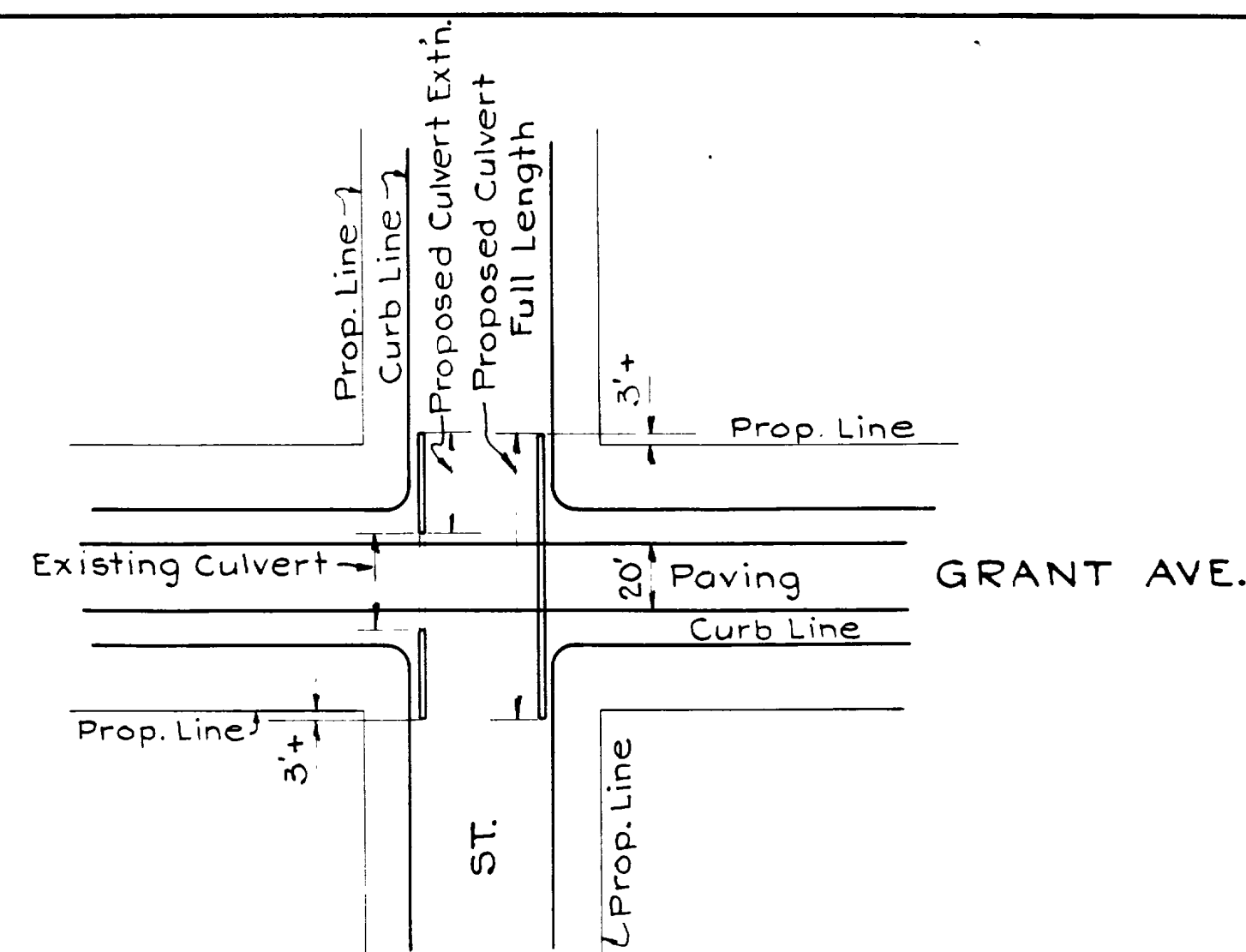
QUANTITIES
 Excavation 50 C.Y.
 Concrete Cl. 'A' 12 C.Y.
 Cement 76 Sacks
 Rein Steel 1807 Lbs.

UTAH STATE ROAD COMMISSION
 SALT LAKE CITY, UTAH
 H. S. KEAR, CHIEF ENGINEER
 EXTENSION TO
 7'-0" X 2'-6" BOX CULVERT
 STA. 13+36.6 F&P 125
 N. City Limits Ogden to N. Ogden-Weber Co.
 DESIGNED BY: C.G.S. SCALE: 3/8" = 1'-0"
 DRAWN BY: C.G.S.
 CHECKED BY: [Signature]
 APPROVED: [Signature]
 BRIDGE NO. _____ DRG. NO. E-397

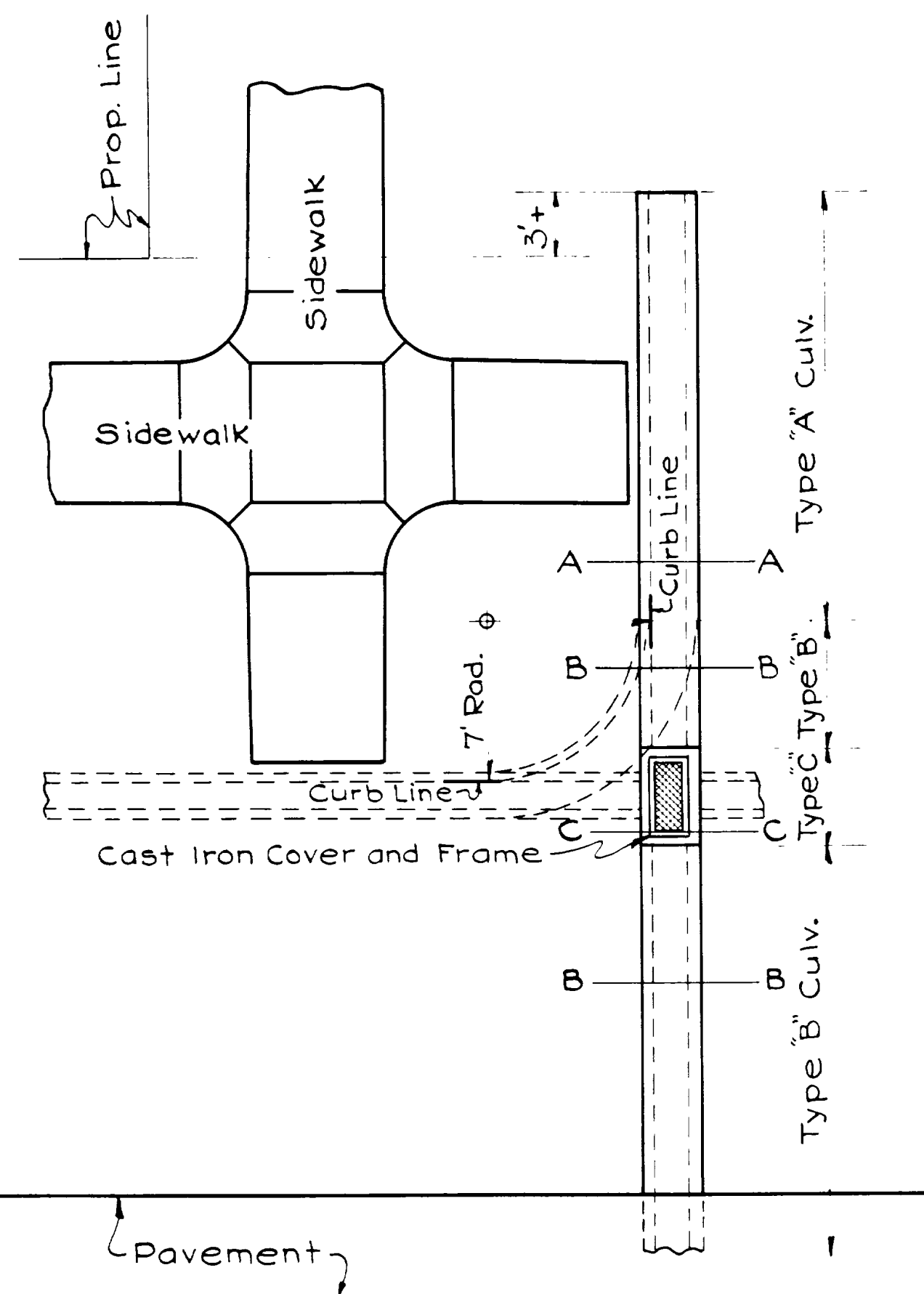


REVISIONS	DATE	BY

FED. ROAD DIST. NO.	STATE	N. R. M. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	125			

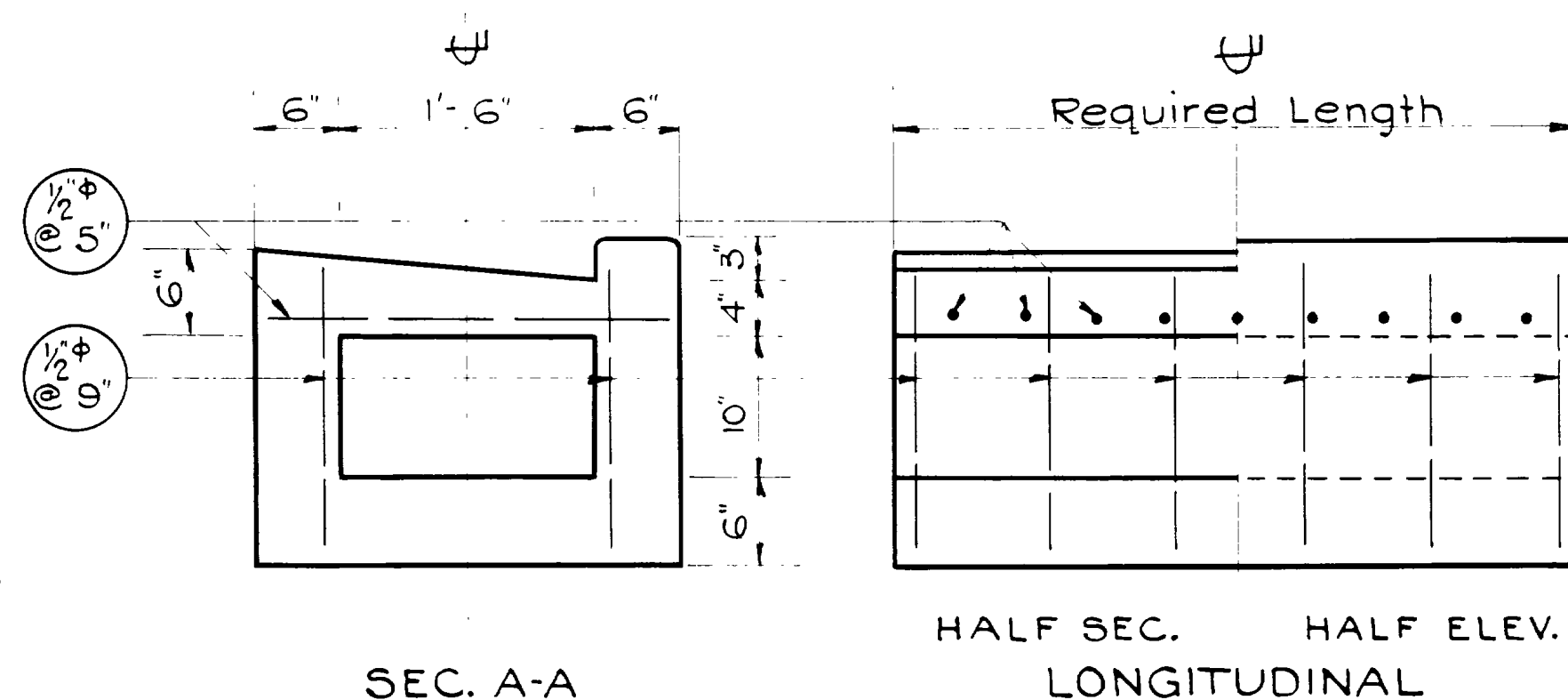


PLAN-TYPICAL INTERSECTION
Showing Proposed Culvert Crossing or Extension
Scale 1" = 50'



PLAN OF CULVERTS, CURBS & SIDEWALKS
AT INTERSECTION
Scale 1" = 6'

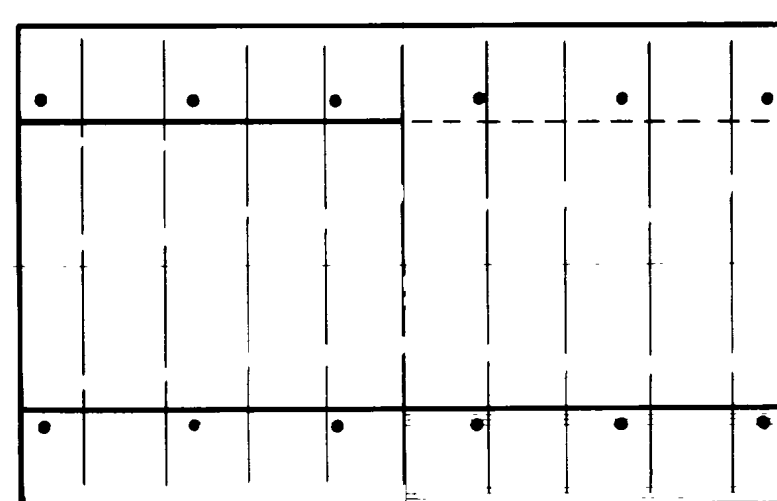
Note: Sta. 37+ Paving slab will form top slab of culvert. Reinforcing steel to extend 2' beyond edges of box. Payment for top slab will be included as pavement.



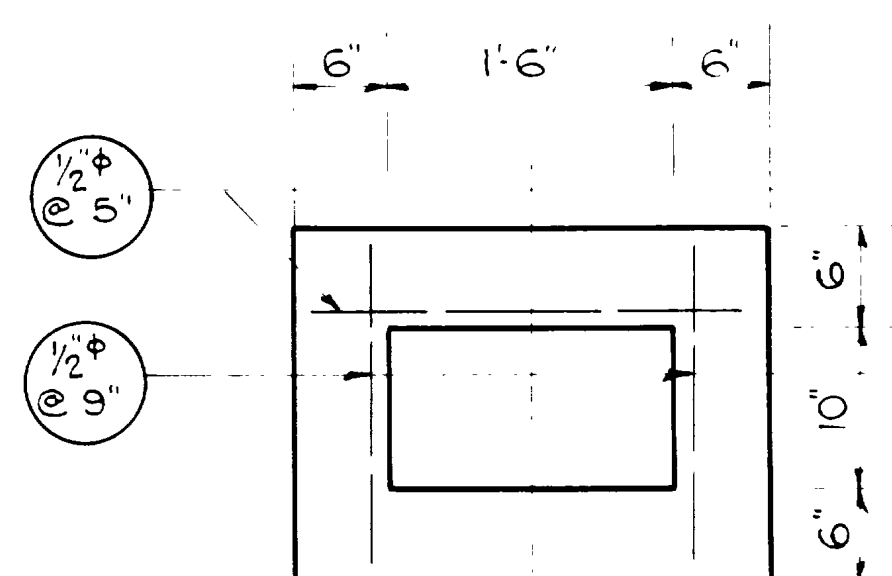
SEC. A-A

TYPE "A" CULVERT

Scale 1" = 1'
Per Lin. Foot 0.120 Cu.Yds. Conc.
6.75 Lbs. Reinf. Steel



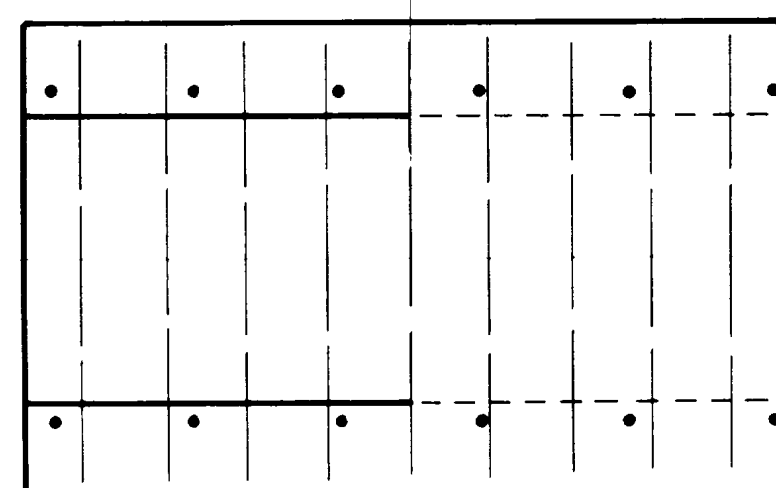
PLAN



SEC. B-B

TYPE "B" CULVERT

Scale 1" = 1'
Per Lin. Foot 0.124 Cu.Yds. Conc.
6.75 Lbs. Reinf. Steel



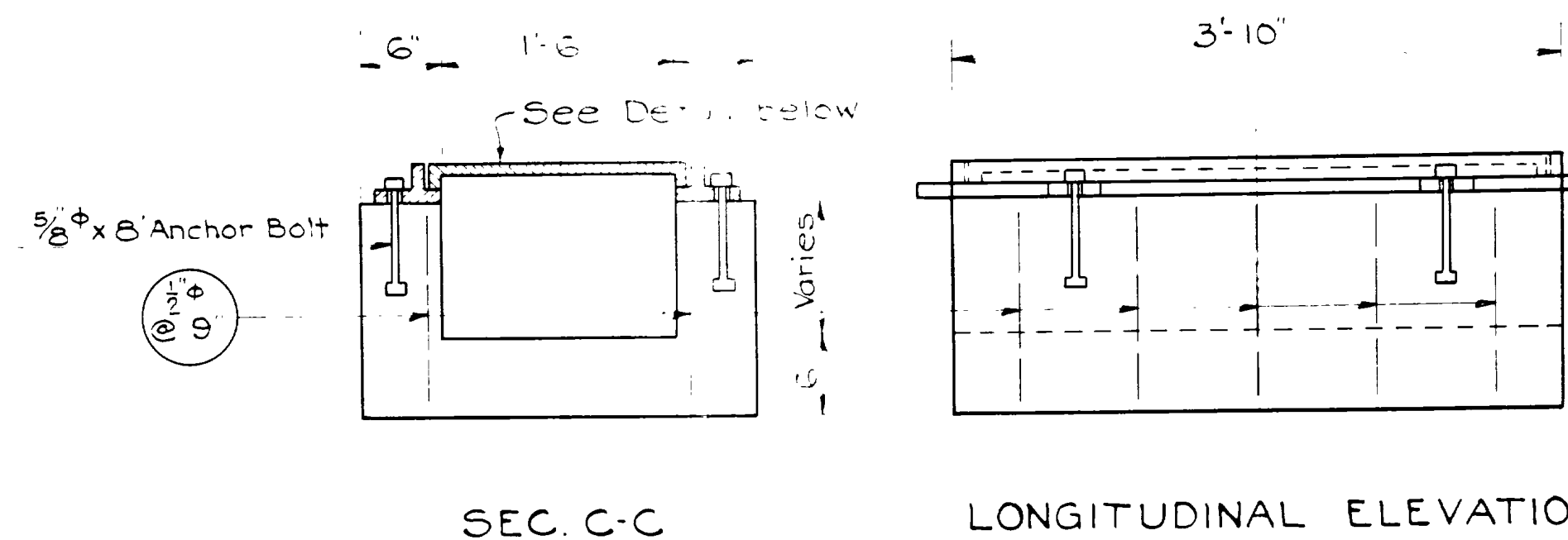
PLAN

GENERAL NOTES

All concrete to be Class "A" and is to be kept moist 14 days after pouring. All exposed edges to be chamfered 1".
Reinforcing steel to be deformed bars overlapped not less than 40 diameters at all splices, secured against displacement by wiring at all intersections with #16 Iron Wire and shall have a minimum of 1" clear cover of concrete. All reinforcing steel shall fulfill the requirements of the A.A.S.H.O. Specifications.
All materials to be furnished by Contractor.

DESIGN DATA

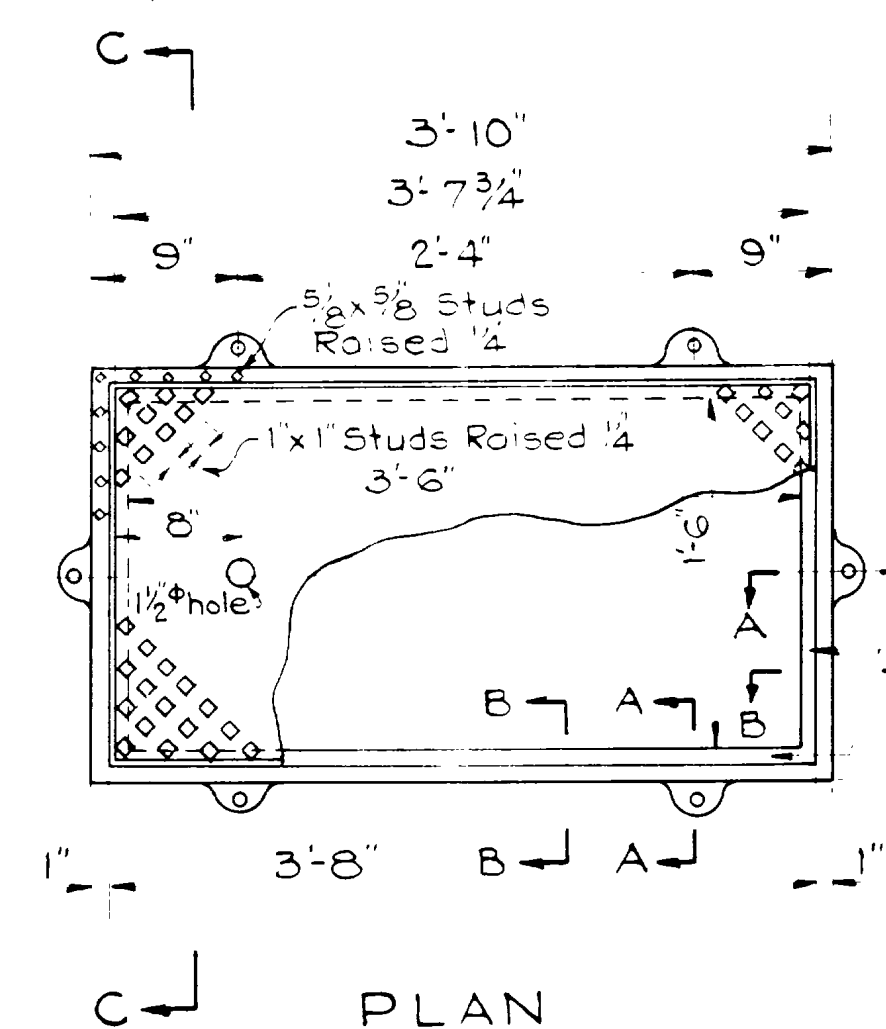
Live Load: H.15 Loading.
Dead Load: Concrete 150# per cubic foot.
Stresses: Steel, 16,000# per sq.in. Concrete 650# per sq.in.



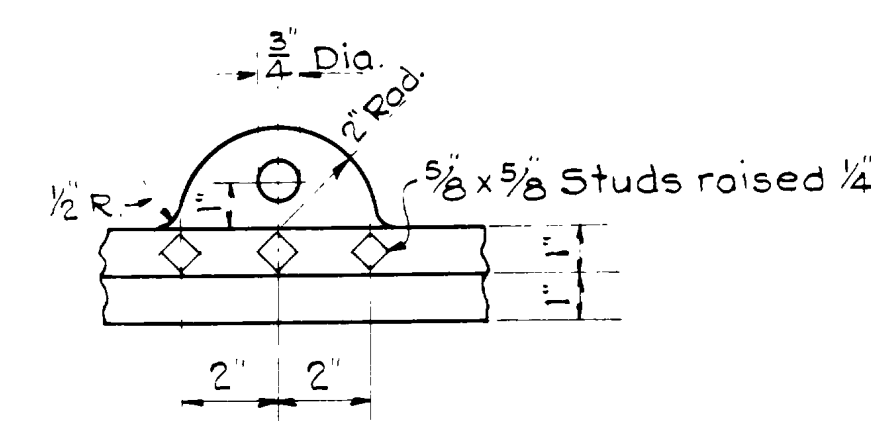
SEC. C-C

TYPE "C" CULVERT

Scale 1" = 1'
Per Lin. Foot 0.09 Cu.Yds. Conc.
2.26 Lbs. Reinf. Steel

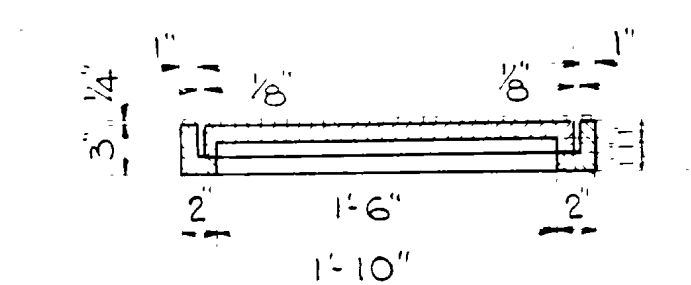


PLAN



DETAILS AT A-A

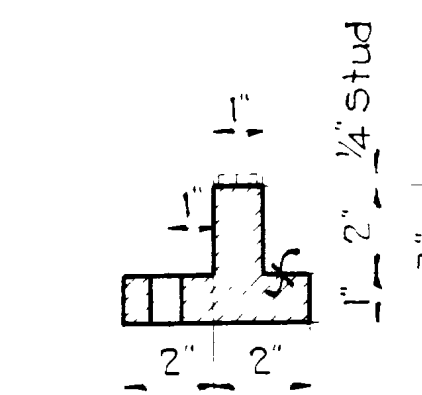
Plane these surfaces and the cover surfaces which bear on them.



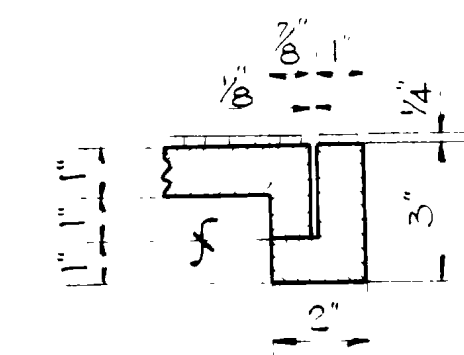
SECTION C-C

DETAILS CAST IRON COVER & FRAME

Scale 1" = 1'
This design of Casting to be used in the Roadway



SECTION A-A



SECTION B-B

Special Note: The quantities listed below are approximate. Engineer in field will designate lengths and types of culverts required at the several locations.

APPROXIMATE QUANTITIES

Structural Excav.	250 Cu.Yds.
Concrete - Class "A"	90 "
Cement	567 Sacks
Reinforcing Steel	4800 Lbs.
Cast Iron Covers & Frames	24 Units Complete

UTAH STATE ROAD COMMISSION SALT LAKE CITY - UTAH H. S. KERR - CHIEF ENGINEER	
OGDEN CITY STANDARD WATERWAYS	
Grant Ave.	Ogden
N.R.M.P. 125 Weber Co.	
DESIGNED BY: R.G.C.	As Noted
DRAWN BY: R.G.C.	Aug. 11, 1933
CHECKED BY: [Signature]	APPROVED BY: [Signature]
BRIDGE NO. _____	DRG. NO. E-409