FED. ROAD DIST. NO.	STATE	U.S.P.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	N.R.M. 106 & 80	1	

Rev. 9-29-34 J.A.S.

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
U.S.P.W. PROJECT N.R.M. 106 & N.R.M. 80
STATE HIGHWAY NO. 2
ROUTT COUNTY

INDEX OF SHEETS

CONVENTIONAL SIGNS

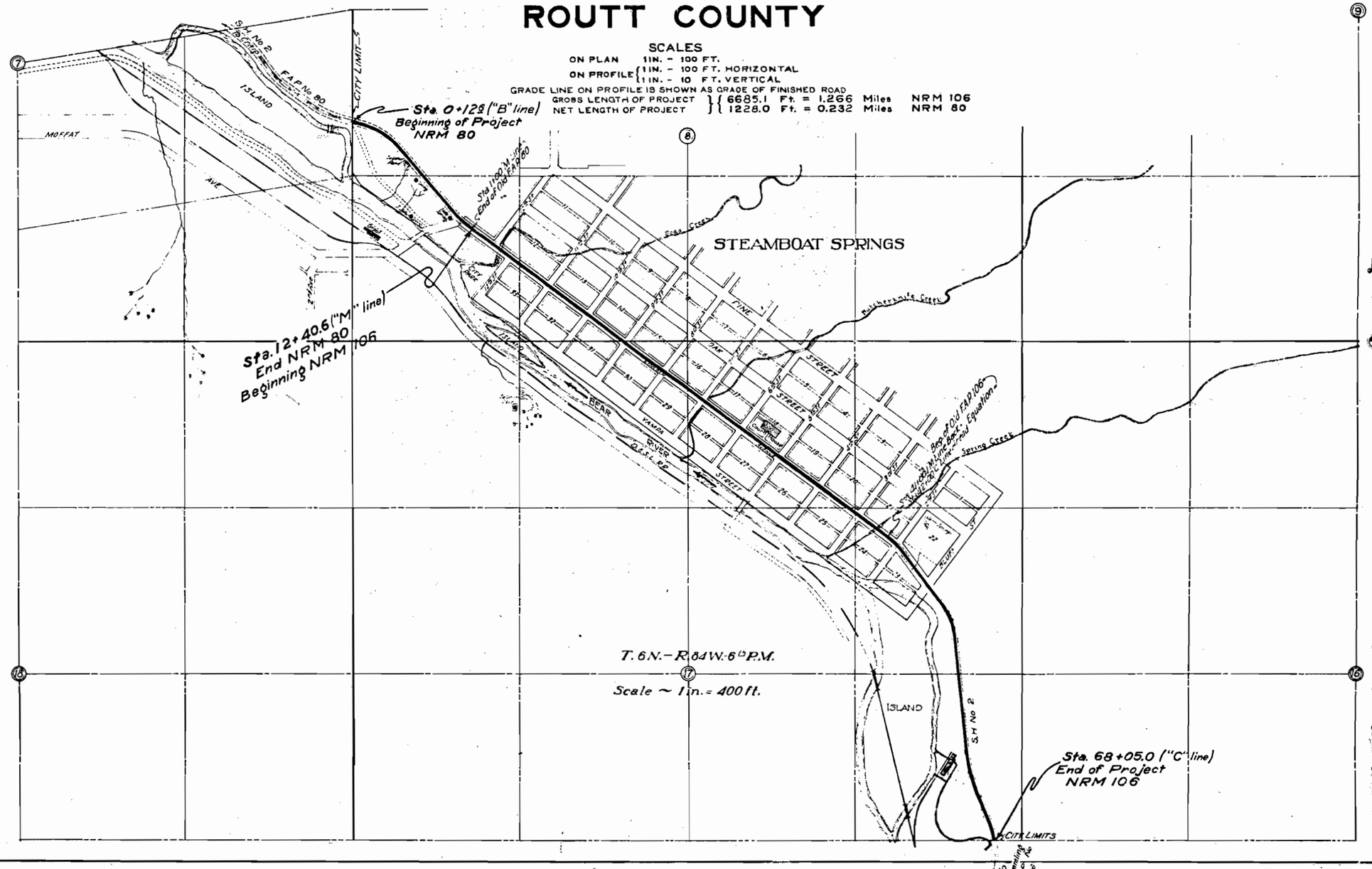
- Center Line of Survey
- Right of Way Line
- Township Line
- County Line
- Section Line
- One Quarter Sect Line
- Barbed Wire Fence
- Wire Cable Guard Fence
- Railroads
- Pole Lines

SCALES

ON PLAN 1 IN. = 100 FT.
ON PROFILE { 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT { 6685.1 Ft. = 1.266 Miles NRM 106
NET LENGTH OF PROJECT { 1228.0 Ft. = 0.232 Miles NRM 80



RECOMMENDED FOR APPROVAL 4/3/34
[redacted]
ASSISTANT ENGINEER

APPROVED
Chas. D. Vail
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL
[redacted]
DIST. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL
[redacted]
CHIEF ENG. BUREAU PUBLIC ROADS

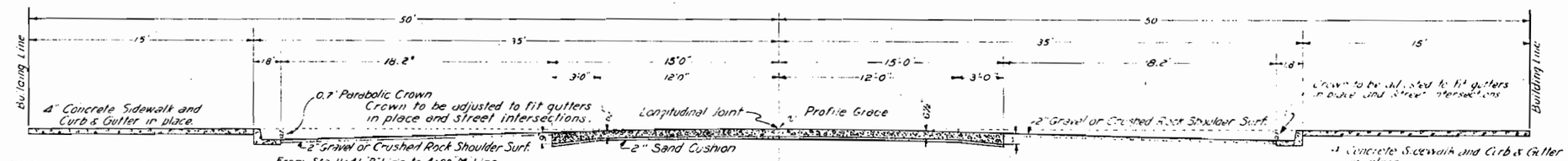
APPROVED
[redacted]
DIRECTOR BUREAU PUBLIC ROADS

FED. ROAD DIST. NO.	STATE	U.S.P.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	N.R.M. 106 80	2	

Revised 4/9/34 - G.O.G.
Rev 35 Consld 10-19-34 - J.A.S.
" 11-13-34 M.L.
" 11-28-34 J.A.S.

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

TYPICAL SECTIONS

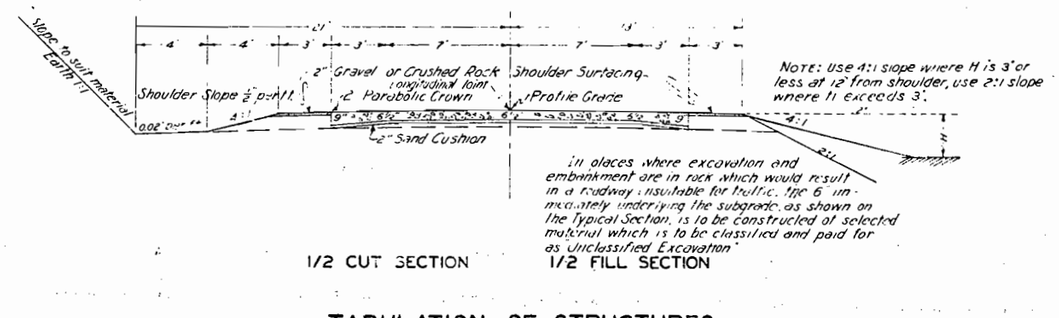


30' Section to be used at Sta. 11+41.9 "B" Line to 42+66.3 "C" Line

From Sta 11+41 "B" Line to 4+00 "M" Line, Gutters vary in elevation from 0' to 2.7'. In this section there will be no Crown, Typical Section being inclined from curb to curb.

NOTE: The present gravel surfacing which will be excavated for placing concrete pavement is to be used for constructing approaches and widening shoulders.

20' Section to be used at:
Sta. 0+12.8 to 11+41 ("B" Line)
Sta 42+66.3 to 68+05 ("C" Line)



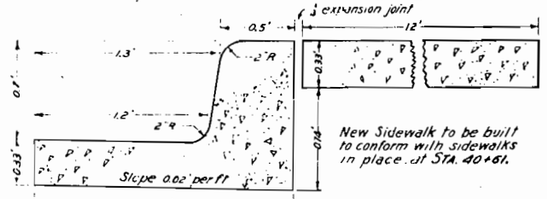
1/2 CUT SECTION

NOTE: Use 4:1 slope where H is 3' or less at 12' from shoulder, use 2:1 slope where H exceeds 3'.

In places where excavation and embankment are in rock which would result in a roadway unsuitable for traffic, type 6 immediately underlying the subgrade, as shown on the Typical Section, is to be constructed of selected material which is to be classified and paid for as "Unclassified Excavation".

1/2 FILL SECTION

DETAIL OF CURB AND GUTTER AND SIDEWALK



New Curb and Gutter at Sta. 40+61 to be built to conform with Curb and Gutter in place.

GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department, adopted January 1, 1930.

All quantities on preliminary plans are to be considered approximate only.

All curves are to be superelevated and widened as provided for by the Standard Superelevation sheet, or as indicated on the plans.

All roadway excavation required to construct this project is to be obtained as indicated on the plans. Quantities involved beyond the limits of the Typical Section as shown, either noted on the Profile as Borrow, or on the Tabulation of Structures as Embankment, are to be classified and paid for as "Unclassified Excavation." These Quantities are to be staked as part of the original excavation at locations indicated on the plans. Slope stakes, beyond the limits of the Typical Section as shown, are subject to change by the Engineer to fit Embankment requirements actually met in construction.

Except as limited by the Special Provisions, power equipment may be used on this project.

All poles encroaching on the construction are to be moved by the owners.

At all places on the project where the new work lies along the present travelled road, the Contractor shall at his own expense, prosecute construction in such a manner that traffic may readily pass over the road. Also the Contractor shall maintain in safe condition, and at his own expense, all temporary approaches.

N.R.M. 80
SUMMARY OF CONSTRUCTION QUANTITIES

No.	Item	Unit	Quantities: STA 0+12.8-B to 11+41.8-B UNIT 3	Quantities: STA 11+41.8-B to 42+66.3-C UNIT 4	Total
11c	Removing 6 Structures	Lump Sum	•		•
11d	Remove Curb & Gutter (wo 2880)	Lin Ft		100	100
13b	Rock Excavation (wo 2880)	Cu Yd	13.5	216.5	230
13x	Unclassified Excavation	" "	603		603
14b	Dry Common Excavation (Struc)	" "	5.0		5.0
14d	Wet " "	" "	4.5		4.5
18a	Station Yard Overhaul	Sta Yd	38,742		38,742
18b	Yard Mile "	Yd Mi	414		414
37a	Concrete Pavement	Sq Yd	2541.3	332.0	2873.3
37b	Sand Cushion	Cu Yd	194	24	218
37c	Gravel or Cr Rock Shoulder Surf	" "	98	34	132
46b	Class "B" Concrete	" "	2.9		2.9
53a	15" Corr Metal Culvert Pipe	Lin Ft	28		28
14x	Wet Comm Excav (Str) (WO 2888)		167.8		167.8
69a	6" Vit Clay Tile Pipe (wo 2880)	Lin Ft	600		600
69b	8" " " " (WO 2880)	" "	40		40
71c	Conc Comb Curb & Gutter (wo 2880)	" "		100	100
78	Project Marker	Each	1		1
	Remove & Replace 15" C.M.P. (wo 2880)	Lump Sum	•		•
	Expansion Joint Material (39.6 lin. Ft. WO. 2880)	Lump Sum		•	•

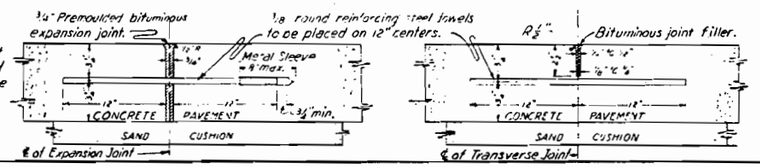
TABULATION OF STRUCTURES

Station	Description	Remove Structure No	Excavation Cu. Yd. Unclassified	Excavation Cu. Yd. Embankment	Structural Excavation Cu. Yd. Dry Rock	Dry Common	Wet Rock	Wet Common	Concrete Cu. Yd. Class A	Concrete Cu. Yd. Class B	Reinf. Steel Lb.	Corrugated Metal Pipe Lin. Ft. 15"	18"	24"	Concrete Curb & Sidewalk Gutter Sq. Ft.	Gutter Lin. Ft.	Miscellaneous
0+12.6	Proj. Marker & approach to Proj.			100													(Project Marker & 28.2 sq. yds. conc. pavement.
1+90	Extend CMP 6' left, 8' right Build 1 Headwall, Remove 2 Hwls	2				2.9				1.1		14					
1+30 to 6+60	Remove & replace Cl. A 2 Culv Open drain ditch on rt.		284.3														(Remove & replace 15"x44' C.M.P. Culv
3+26 to 9+00	6" & 8" Vitrified Tile Drain in gravel backfilled ditch (WO 2880)		34.7					167.8									(600' of 6" & 40' of 8" Vitrified Tile Drain in gravel backfilled ditch
6+65	Extend CMP 21.4' R Build 1 Hdwl. Remove 2 Headwalls	2						4.5		0.9		6					
9+40	Extend CMP 21.6' R Build 1 Headwall Remove 2 H'walls	2				2.2				0.9		8					
11+30	Road approach on right			496.4													
11+41. to 12+40.6	Remove & Replace Curb & Gutter.														105		Remove 100' Curb & Gutter
68+05	Project Marker																1 Project Marker.
47+80	Extend CMP 10' L. Remove Hdwl Build Headwall.	1				7.1				1.1			10				
50+40	Extend CMP 21' L. Remove Headwall, Build Headwall	1				3.1				1.1		4					
47+50	Road approach on left		174.6	423													
64+50	" " " & right			109.4													
64+69	Extend CMP 6' L. 14' R. Build 1 Headwall Remove 2 Headwalls	2	13.4			6.1				1.65				20			
12+40.6 to 3+00	Remove & Replace Curb & Gutter														200		Remove 200' Curb & Gutter.
27+90	Remove Concrete Cross Walk	1															
40+57	6'x5'x110' Conc. Box Culv 15'x30' Conc. Sidewalk on right (Sta 35+ to 40+57) Combination Curb & Gutter P & L Remove roadway & foot bridges					12.8		193.2	115.6		9449				975	72	Remove Disused Bridges
	TOTAL N.R.M. 106	5	188.0	151.7		29.1		193.2	115.6	3.85	9449	4	10	20	975	272	
	TOTAL N.R.M. 80	6	319.0	496.4		5.1		167.8 4.5		2.9		28				100	

N.R.M. 106
SUMMARY OF CONSTRUCTION QUANTITIES

No.	Item	Unit	Quantities: STA 0+12.8-B to C 68+05 UNIT 1	Quantities: STA M 12+40.6 to C 42+66.3 UNIT 2	Total
13b	Rock Excavation (WO 2880)	Cu Yd		570.	570.
13x	Unclassified Excavation	Cu Yd.	6474.5	6765.5	13,240
14a	Dry Rock Excavation (Struct)	" "			
14b	" Common "	" "	16.3	12.7	29.0
14c	Wet Rock "	" "			
14d	" Common "	" "		193	193.
18a	Station Yard Overhaul	Sta Yd.		4750	4750
37a	Concrete Pavement	Sq Yd.	5647.2	13821.3	19,468.5
37b	Sand Cushion	Cu Yd	380	926	1306
37c	Gravel or Cr Rock Shoulder Surf	" "	156	1030	1186
46a	Class A Concrete	" "		115.6	115.6
46b	" B "	" "	3.85		3.85
46x	Concrete Sidewalk	Sq Ft		975	975
47	Reinforcing Steel	Lb		9449	9449
53a	15" Corr Metal Culvert Pipe	Lin Ft	4		4
53b	18" " " "	" "	10		10
53c	24" " " "	" "	20		20
71c	Conc Comb Curb & Gutter	" "		272	272
78	Project Marker	Each	1		1
84	Removal of Disused Bridges at Sta 40+50	Lump Sum		•	•
	Expansion Joint Material (42.86.4 lin Ft WO No 2880)	" "		•	•
	Remove Curb & Gutter (WO 2880)	Lin Ft		200	200
11a	Removing 1 Structure Sta 27	Lump Sum		•	•
11b	" 2 " Sta 47+50	" "	•		•
11c	" 2 " (WO 2882)	" "	•		•

DETAILS OF EXPANSION JOINTS & LONGITUDINAL GROOVE



¾" Premoulded Bituminous Expansion Joint with steel dowels @ 12" centers are required to be constructed 90° apart, perpendicular to the ℄ of the pavement.

⅜" Holes formed in premoulded bit. j. 'nt for dowels.

Two Transverse Weakened Plane Joints with steel dowels @ 12" centers are to be constructed between joints at intervals of 30', perpendicular to the ℄ of the pavement.

Longitudinal Joint is built as this joint with the steel dowels OMITTED.

PAVEMENT SECTION

STANDARD SPECIFICATIONS AND WORKING NOTES FOR PAVEMENT SECTION

SUPERELEVATION FOR WIDENING FOR PAVEMENT SECTION

GENERAL PLAN FOR WIDENING

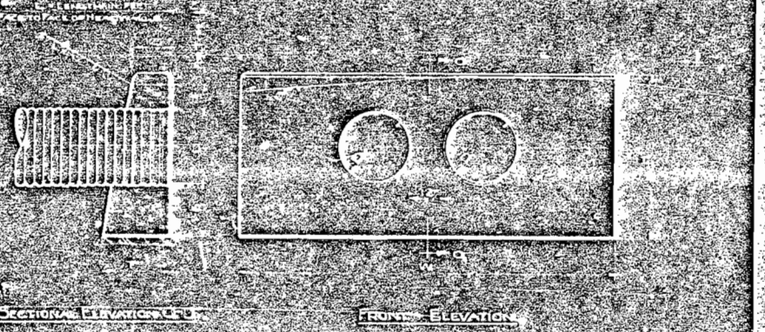
GRADE OR SURFACING SECTION

STANDARD SPECIFICATIONS AND WORKING NOTES FOR GRADE OR SURFACING SECTIONS

SUPERELEVATION FOR WIDENING FOR GRADE OR SURFACING SECTIONS

Graph of Superelevation Widening Factors

COLORADO
STATE HIGHWAY DEPARTMENT
STANDARD METHODS
FOR SUPERELEVATION AND
WIDENING OF CURVES

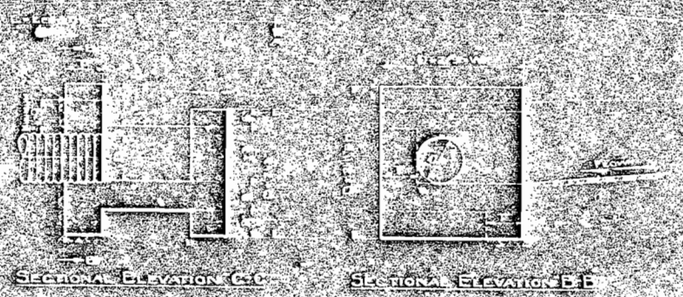


SECTIONAL ELEVATION C-D

FRONT ELEVATION

TABLE OF DIMENSIONS & QUANTITIES FOR DOUBLE CORRUG. METAL PIPE CULVERT & HEADWALLS

STD. HEADWALLS FOR DOUBLE CORRUGATED METAL PIPE CULVERTS

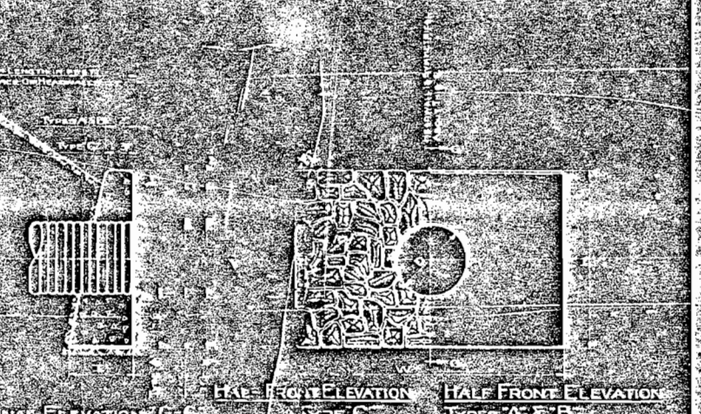


SECTIONAL ELEVATION C-D

SECTIONAL ELEVATION B-B

SECTIONAL PLAN A-A

INTERCEPTING HEADWALLS



SECTIONAL ELEVATION G-G

HALF FRONT ELEVATION TYPE C

HALF FRONT ELEVATION TYPES A & B

TABLE OF DIMENSIONS & QUANTITIES FOR CORRUGATED METAL PIPE CULVERTS & HEADWALLS

BARS LIST FOR TYPE C

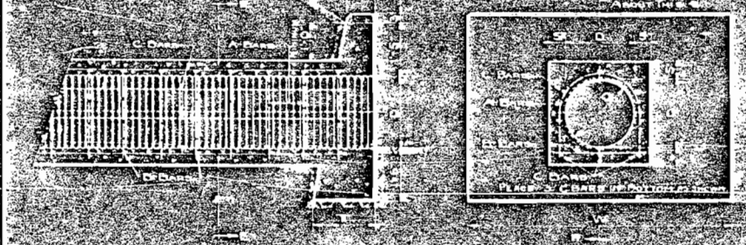
BENDING DIAGRAMS

PLAN OF HEADWALLS TYPE C

SECTION K-K

STANDARD HEADWALLS FOR CORRUGATED METAL PIPE CULVERTS

STANDARD M-102-E



LONGITUDINAL SECTION E-E

SECTIONAL ELEVATION F-F

TABLE OF DIMENSIONS & QUANTITIES FOR INCASED PIPE CULVERT

SPECIAL NOTES

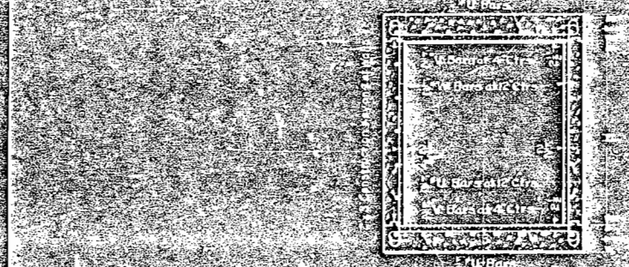
INCASED PIPE CULVERTS

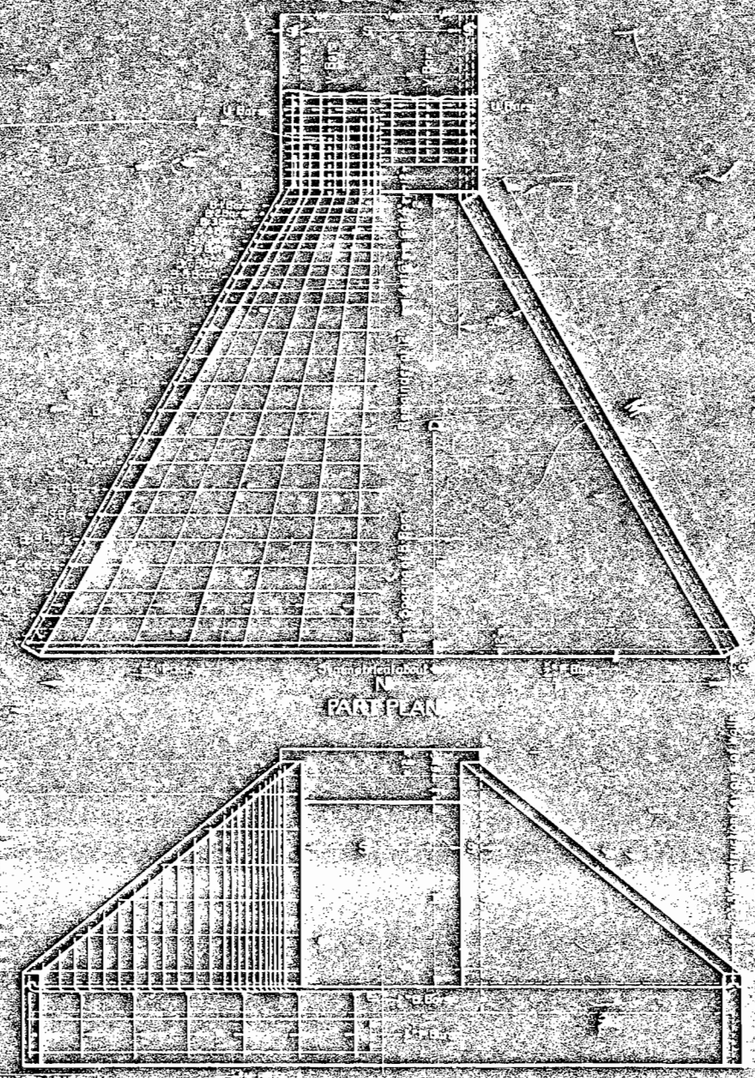
GENERAL NOTES FOR ALL STRUCTURES

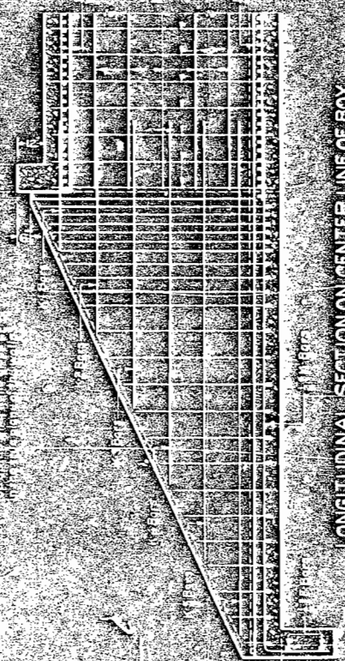
COLORADO
STATE HIGHWAY DEPARTMENT
STANDARD HEADWALLS
INTERCEPTING HEADWALLS
INCASED METAL PIPE CULVERTS
WING HEADWALLS
FOR
CORRUGATED METAL PIPE CULVERTS

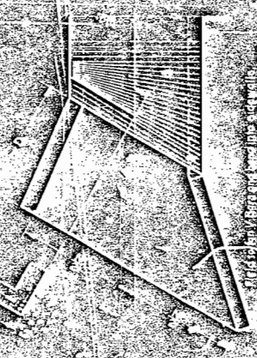
STRUCTURE NO.

M-102-E









STANDARD M-103-D

		U.S.P.W. PROJ. NO.		
		NRM 108	5	

TYPICAL SECTION THRU BOX

TYPICAL SECTION SHOWING RELATION OF CULVERT TO ROADWAY

PART PLAN

LONGITUDINAL SECTION ON CENTER LINE OF BOX

END VIEW

PART PLAN FOR SKEWED HEADWALLS

REINFORCEMENT BAR LIST

USE BARS FOR	MARK	SIZE	NUMBER	DIMENSION P	DIMENSION O	TOTAL LENGTH	BENDING DIAGRAM ALL DIMENSIONS ARE TO ℄ OF BARS
ALL SIZES	V	[illegible]	(6L+1)4	S+10"		S+2-2	
	W	[illegible]	(2L+1)4	H+10"		H+2-2	
	F	[illegible]	4			N+0-3	
	U	[illegible]	*			L+1-8	
	K-1	[illegible]	4		3-4	5-4	
H=2-0 OR MORE	K-2	[illegible]	4		6-8	8-8	
H=3-0	K-3	[illegible]	4		10-0	12-0	
H=5-0	K-4	[illegible]	4		13-4	15-4	
H=6-0	K-5	[illegible]	4		16-8	18-8	
H=7-0	K-6	[illegible]	4		20-0	22-0	
ALL SIZES	B-1	[illegible]	2	S+1-6	H+1-3		
	B-2	[illegible]	2	S+1-11	H+1-1		
	B-3	[illegible]	2	S+2-3	H+0-11		
	B-4	[illegible]	2	S+2-8	H+0-9		
	B-5	[illegible]	2	S+3-0	H+0-8		
	B-6	[illegible]	2	S+3-5	H+0-6		
	B-7	[illegible]	2	S+4-0	H+0-3		
	B-8	[illegible]	2	S+4-7	H+0-0		
	B-9	[illegible]	2	S+5-2	H-0-3		
H=1-6 OR MORE	B-10	[illegible]	2	S+5-9	H-0-5		
H=2-0	B-11	[illegible]	2	S+6-11	H-0-11		
H=3-0	B-12	[illegible]	2	S+8-1	H-1-4		
H=3-0	B-13	[illegible]	2	S+9-3	H-1-10		
H=3-0	B-14	[illegible]	2	S+10-5	H-2-3		
H=4-0	B-15	[illegible]	2	S+11-7	H-2-9		
H=4-0	B-16	[illegible]	2	S+12-9	H-3-3		
H=5-0	B-17	[illegible]	2	S+13-11	H-3-8		
H=5-0	B-18	[illegible]	2	S+15-4	H-4-2		
H=6-0	B-19	[illegible]	2	S+16-3	H-4-7		
H=6-0	B-20	[illegible]	2	S+17-5	H-5-1		
H=6-0	B-21	[illegible]	2	S+18-7	H-5-6		
H=7-0	B-22	[illegible]	2	S+19-9	H-6-0		
H=7-0	B-23	[illegible]	2	S+20-11	H-6-5		
ALL SIZES	M	[illegible]	(S+1)x2	D+3-0		D+5-3	

* See Table of Dimensions and Quantities

TABLE OF DIMENSIONS AND QUANTITIES

STEEL QUANTITIES GIVEN BELOW INCLUDE ALLOWANCE FOR OVERRUN OF 1%

TOTAL QUANTITIES FOR ONE BOX EQUALS THE QUANTITY FOR TWO HEADWALLS PLUS (L × QUANTITY FOR ONE LINEAL FT OF BOX)

SPAN S	HEIGHT H	HEIGHT OF FILL ALLOWED	DIMENSION M	DIMENSION N	DIMENSION D	THICKNESS OF SLAB t	NUMBER OF U-BARS PER BOX	QUANTITIES FOR ONE LINEAL FT OF BOX		QUANTITIES FOR TWO HEADWALLS		STRUCTURAL EXCAVATION	
								CONCRETE CU. YDS.	STEEL LBS.	CONCRETE CU. YDS.	STEEL LBS.	TWO HEADWALLS SQ. FT.	[illegible] CU. YDS.
1'-6"	1'-6"	29'-6"	5'-6¼"	7'-2¾"	5'-1¼"	8½	8	0.241	30.6	4.5	285	116.91	4.40
2'-0"	2'-0"	22'-6"	6'-9¼"	8'-11⅜"	6'-2⅛"	8½	8	0.295	34.0	6.1	380	153.44	5.18
3'-0"	1'-0"	19'-0"	4'-7"	7'-9⅞"	4'-4⅛"	10	8	0.332	37.5	5.0	310	116.50	4.65
3'-0"	2'-0"	19'-0"	7'-1"	10'-3⅞"	6'-6⅛"	10	10	0.388	40.5	[illegible]	430	178.11	5.76
3'-0"	3'-0"	19'-0"	9'-7"	12'-9⅞"	8'-8⅛"	10	12	0.444	43.6	11.0	605	250.86	6.87
4'-0"	2'-0"	15'-0"	7'-1"	11'-3⅞"	6'-6⅛"	10	12	0.450	47.0	8.5	485	195.13	6.15
4'-0"	3'-0"	15'-0"	9'-7"	13'-9⅞"	8'-8⅛"	10	14	0.506	50.0	12.0	660	272.24	7.31
4'-0"	4'-0"	15'-0"	12'-1"	16'-3⅞"	10'-10⅛"	10	16	0.56[illegible]	53.1	16.0	800	359.71	8.42
5'-0"	3'-0"	11'-6"	9'-7"	14'-9⅞"	8'-8⅛"	10	16	0.567	56.[illegible]	12.8	720	293.60	7.76
5'-0"	4'-0"	11'-6"	12'-1"	17'-3⅞"	10'-10⅛"	10	18	0.623	59.6	17.[illegible]	865	385.43	8.87
5'-0"	5'-0"	11'-6"	14'-7"	19'-9⅞"	13'-0⅛"	10	20	0.679	62.[illegible]	21.9	1070	488.07	9.98
6'-0"	2'-0"	10'-0"	7'-4¾"	13'-7⅛"	6'-9¾"	11½	16	0.645	60.0	11.3	590	239.30	7.23
6'-0"	3'-0"	10'-0"	9'-10¾"	16'-1⅛"	8'-11¾"	11½	18	0.699	63.0	15.3	785	325.95	8.34
6'-0"	4'-0"	10'-0"	12'-4¾"	18'-7⅛"	11'-1¾"	11½	20	0.755	66.2	20.[illegible]	935	423.57	9.45
6'-0"	5'-0"	10'-0"	14'-10¾"	21'-1⅛"	13'-3¾"	11½	22	0.810	69.2	25.0	1145	532.02	10.56
6'-0"	6'-0"	10'-0"	17'-4¾"	23'-7⅛"	15'-5¾"	11½	24	0.866	72.3	31.[illegible]	1420	651.48	11.67
6'-0"	7'-0"	10'-0"	19'-10¾"	26'-1⅛"	17'-7¾"	11½	26	0.923	75.3	38.5	1685	781.58	12.79

GENERAL NOTES

ALL WORK SHALL BE DONE ACCORDING TO THE STANDARD SPECIFICATIONS OF THE COLORADO STATE HIGHWAY DEPARTMENT ADOPTED JANUARY 1, 19[illegible]

ALL CONCRETE SHALL BE CLASS A.

ALL EXPOSED SURFACES SHALL BE RUBBED FREE OF FORM MARKS.

ALL WALLS SHALL HAVE FORMS ON BOTH SIDES.

MINIMUM DISTANCE BETWEEN CENTER LINE OF BAR AND EDGE OF CONCRETE TO BE 2"

ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED BEFORE FRESH CONCRETE IS POURED.

FOOTINGS IN ROCK SHALL BE POURED OUT TO THE ROCK AND NOT FORMED.

FOR CULVERTS REQUIRED AND GOVERNING DIMENSIONS SEE SHEET NO [illegible]

ALL REINFORCING BARS SHALL BE ROUND OR SQUARE, PLAIN OR DEFORMED AS SHOWN AND NOTED.

ALL REINFORCING BARS SHALL BE TAGGED WITH THE STATION NUMBER AND UNIT DESIGNATION.

SECONDARY BARS WHEN SPLICED SHALL BE GIVEN A LAP OF 30 DIAMETERS.

MAIN BARS SHALL NOT BE SPLICED.

SOUNDINGS AND DEPTH OF FOOTINGS SHOWN ARE ACCORDING TO THE BEST AVAILABLE DATA. IF ESSENTIALLY DIFFERENT CONDITIONS ARE ENCOUNTERED, THE ENGINEER WILL INSPECT AND DETERMINE IF REDESIGN IS NECESSARY.

POUR WING FOOTINGS MONOLITHICALLY WITH FLOOR OF BOX.

THE USE OF ADDITIONAL CONSTRUCTION JOINTS UNDESIRABLE. IF SHOULD FIELD CONDITIONS REQUIRE, CONSTRUCTION JOINTS MAY BE MADE ON A VERTICAL PLANE PERPENDICULAR TO CENTERLINE OF CULVERT AND SHALL HAVE A 2"x3" KEY.

THIS DESIGN NOT TO BE USED WHEN HEIGHT OF FILL EXCEEDS THE ALLOWABLE TABULATED [illegible]

SUPPORTING SOILS FOR ALL CULVERTS MUST BE COMPOSED OF FIRM AND UNIFORM MATERIAL THROUGHOUT.

ALL BACKFILLING [illegible] OVER CULVERT SHALL BE [illegible] IN LAYERS NOT EXCEEDING 6" IN DEPTH AND EACH LAYER SHALL BE ROLLED OR HAND TAMPED IF INACCESSIBLE TO ROLLER, ALSO MOISTENED WHEN NECESSARY.

LOADING H-15

COLORADO
STATE HIGHWAY DEPARTMENT
CONCRETE BOX CULVERTS

1½×1½	4×2	5×4	6×4
2×2	4×3	5×5	6×5
3×1	4×4	6×2	6×6
3×2	5×3	6×3	6×7
3×3			

Designed by A.G.H.
Drawn by A.G.H.
Checked by W.W.O.

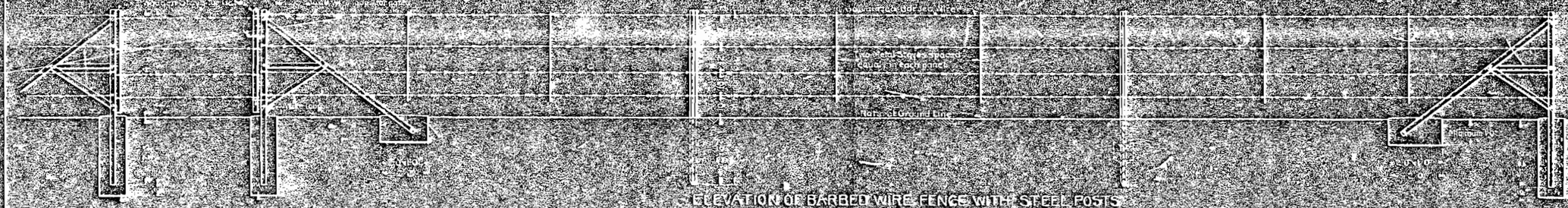
Approved by C. J. [illegible]
Bridge Engineer

STRUCTURE NO.

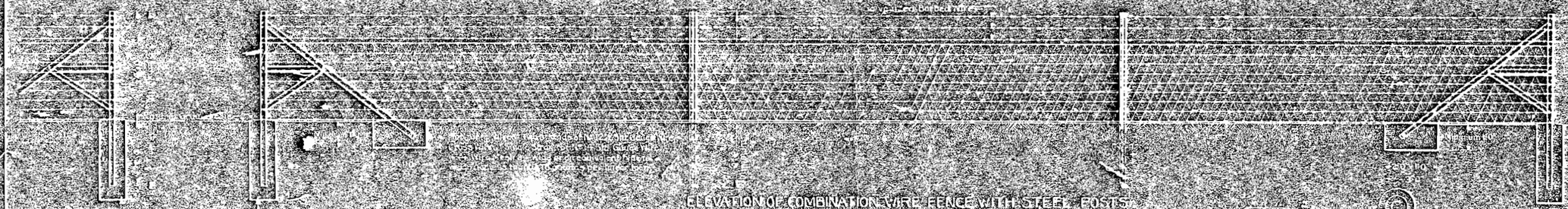
	INITIALS	DATE
ORIGINAL BY		
TRACED BY		
CHECKED BY		
CHECKED BY		

M-103-D

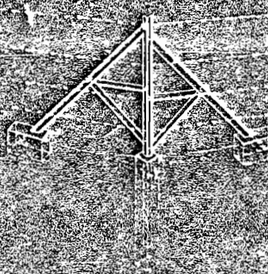
STANDARD M-2TA



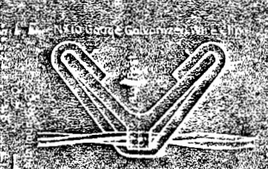
ELEVATION OF BARBED WIRE FENCE WITH STEEL POSTS



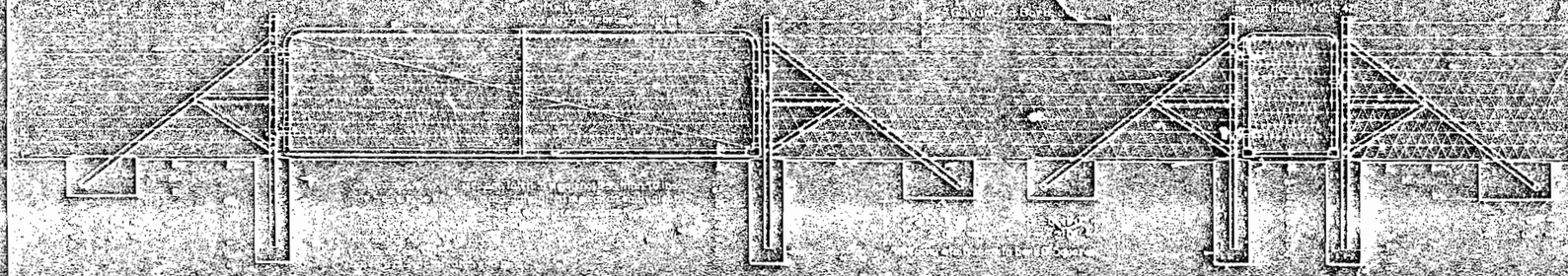
ELEVATION OF COMBINATION WIRE FENCE WITH STEEL POSTS



CORNER POST



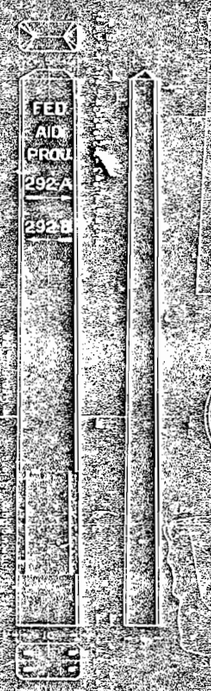
TYPICAL SECTION THROUGH FENCE POST



ELEVATION OF DRIVEWAY GATE

GENERAL NOTES FOR WIRE FENCES

ELEVATION OF WALK GATE



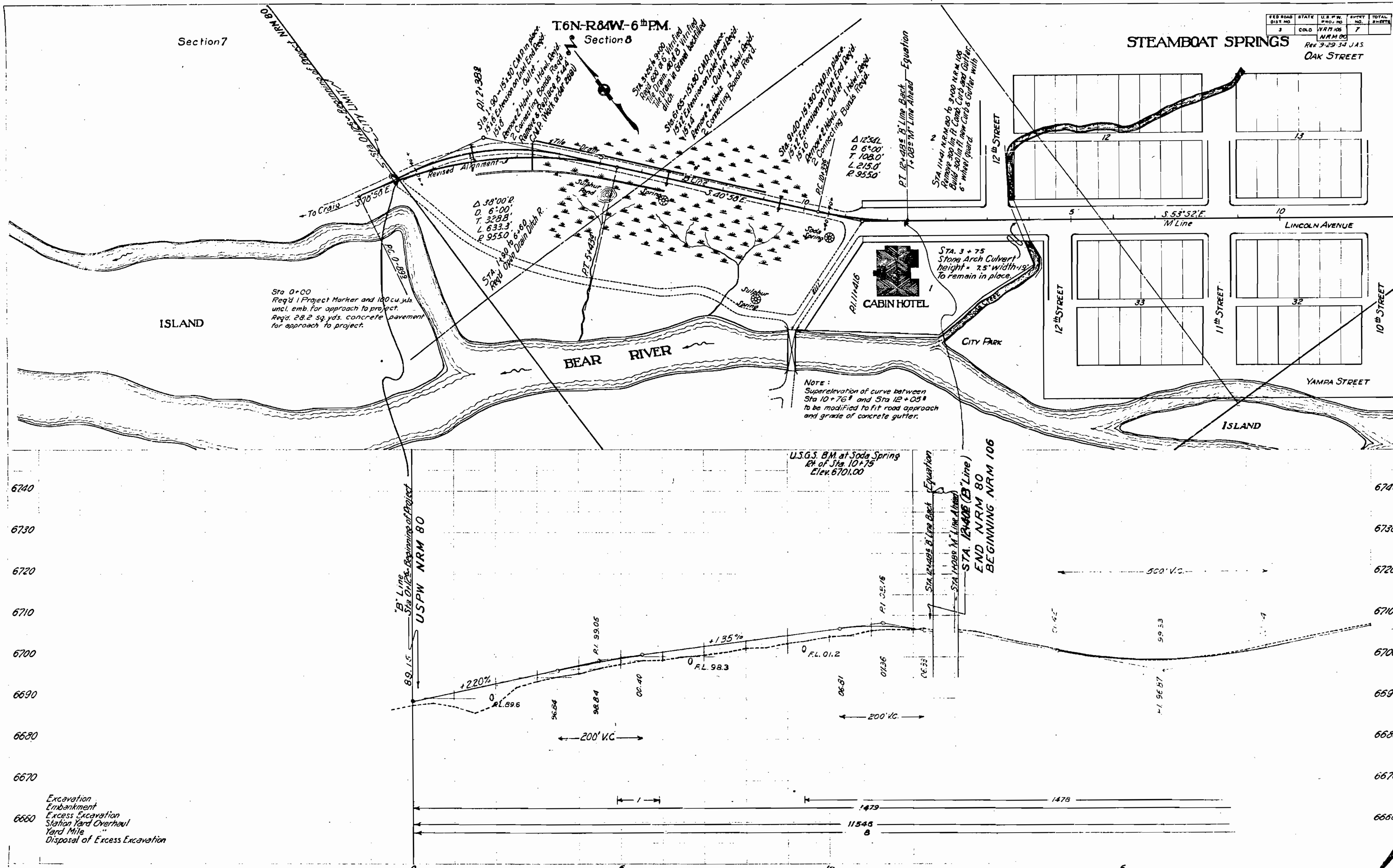
PROJECT MARKER POST

RIGHT OF WAY MARKER POST

NOTES FOR PROJECT MARKER POSTS

COLORADO
STATE HIGHWAY DEPARTMENT
STANDARD WIRE FENCES
WITH STEEL POSTS
AND
MARKER POSTS

STRUCTURE NO.



T.6N.-R.84W.-6th P.M.
Section 7
Section 8
STEAMBOAT SPRINGS
Rev. 9-29-34 J.A.S.
OAK STREET
LINCOLN AVENUE
YAMPA STREET
12th STREET
11th STREET
10th STREET
CITY PARK
CABIN HOTEL
BEAR RIVER
ISLAND
To Craig
Revised Alignment
Tile Drain
Sulphur Pond
Soda Spring
Sulphur Spring
'M' Line
S. 53°52' E.
S. 40°58' E.
S. 78°58' E.
Δ 38°00' R. D. 6°00' T. 328.8' L. 633.3' R. 955.0'
Δ 12°54' L. D. 6°00' T. 108.0' L. 215.0' R. 955.0'
STA. 3 + 75 Stone Arch Culvert height = 7.5' width = 19' To remain in place.
Sta. 0+00 Req'd 1 Project Marker and 100 cu. yds. uncl. emb. for approach to project. Req'd. 28.2 sq. yds. concrete pavement for approach to project.
Note: Superelevation of curve between Sta. 10+76± and Sta. 12+05± to be modified to fit road approach and grade of concrete gutter.
P.T. 12+48.8 'B' Line Back = 1+08 'M' Line Ahead — Equation
Sta. 11+41 N.R.M. 80 to 3+00 N.R.M. 106 Remove 300 lin. ft. Comb. Curb and Gutter. Build 300 lin. ft. new Curb & Gutter with 6" wheel guard.
U.S.G.S. B.M. at Soda Spring Rt. of Sta. 10+75 Elev. 6701.00
'B' Line Sta. 0+00 Beginning of Project USPW NRM 80
STA. 12+40.8 ('B' Line) END NRM 80 BEGINNING NRM 106
+2.20%
+1.35%
200' V.C.
500' V.C.
Excavation
Embankment
Excess Excavation
Station Yard Overhaul
Yard Mile
Disposal of Excess Excavation
1479
11546
8
1478

U.S. ROUTE	STATE	U.S. R.W.	SHEET	TOTAL SHEETS
		NRM 105	8	

Rev. 9-29-34 JAS

Sec. 6

OAK STREET

12th STREET | 11th STREET | 10th STREET | 9th STREET | 8th STREET | 7th STREET

T. 6 N. — R. 84 W. 6th P.M.

Between 8' Line Sta 10+90 and M' Line Sta 2+25 there will be approximately 270 Cu Yds solid rock Exc. Precaution in blasting must be taken to prevent damage to property across street.

P.T. 12+495 8' Line Back = 1+088 M' Line Ahead Equation

Sta. 24+11
Stone Arch Culvert
Height = 5' Width = 6'
To remain in place.

5+00 | 10+00 M' Line | 15+00 | 20+00

LINCOLN STREET

S 33° 52' E

Stone Culvert in place

CABIN HOTEL

Soda Creek

CITY PARK

Bull Creek

YAMPA STREET

Sec. 17

ISLAND

BEAR RIVER

Equation

P.T. 12+495 8' Line Back = Sta 11+088 M' Line Ahead

500' V.C.

100' V.C.

200' V.C.

P.I. 96.07

Excavation					594			740			780			1056			771							
Embankment					594			740			780			1056			771							
Excess Excavation																								
Station Yard Overhaul																								
Yard Mile																								
Disposal of Excess Excavation					on 12th St. Pf. of Lincoln Ave. to Sta 24 + 11.50			on 10th St. Pf. of Lincoln Ave.			on 9th St. Pf. of Lincoln Ave.			on 8th St. Pf. of Lincoln Ave.			on 7th St. Pf. of Lincoln Ave.								
12+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00

		NRM 105	9	

OAK STREET

COURT HOUSE

Stone Culvert in place

LINCOLN AVENUE

S.53°52'E.

"M" Line

"C" Line

Sec. 17 - T. 6 N. - R. 64 W. 6th P.M.

Sta. 40+61
Req'd. 6'x5'x120' Concrete Box Culvert and 50 cu. yds. unclassified for channel improvement
Req'd. 12'x30' Concrete Sidewalks R. & L. and 30 lin. ft. Combination Curb and Gutter R. & L. as per details on sheet No. 2.
Remove Wooden Roadway Bridge and 2 Foot Bridges.

Sta. 27+90
Remove Concrete Cross Walk.

Beech Knoll Creek

Spring Creek

YAMPA STREET

BEAR RIVER

7th STREET · 6th STREET · 5th STREET · 4th STREET · 3rd STREET · 2nd STREET

Sta. 41+80 "M" Line Back Equation
Sta. 42+00 "C" Line Ahead

Pl. 29.9 Back Equation
29.17 Ahead

Pl. 25.27

Pl. 29.80

Pl. 28.17

Pl. 2.12

100' V.C.

20.43 · 20.86 · 21.43

24.58 · 25.08 · 25.54

+0.74% · +1.26% · +0.26%

6730 · 6725 · 6720

23.06 · 29.00 · 28.67

23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	40+00	41+00	42+00	43+00	45

	on 6th St. Rt. of Lincoln Ave.	on 5th St. Rt. of Lincoln Ave.	on 4th St. Rt. of Lincoln Ave.	on 3rd St. Rt. of Lincoln Ave.	on 2nd St. Rt. of Lincoln Ave.
Excavation	431	475	458	465	50 · 71 · 102 · 73
Embankment	431	475	458	415	22
Excess Excavation					
Station Yard Overhaul					
Yard Mile					
Disposal of Excess Excavation					

PLATE I—PLAN—PROFILE