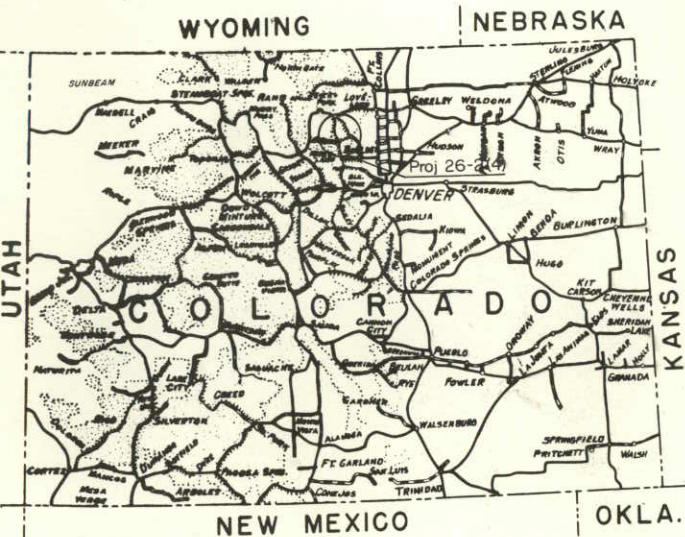


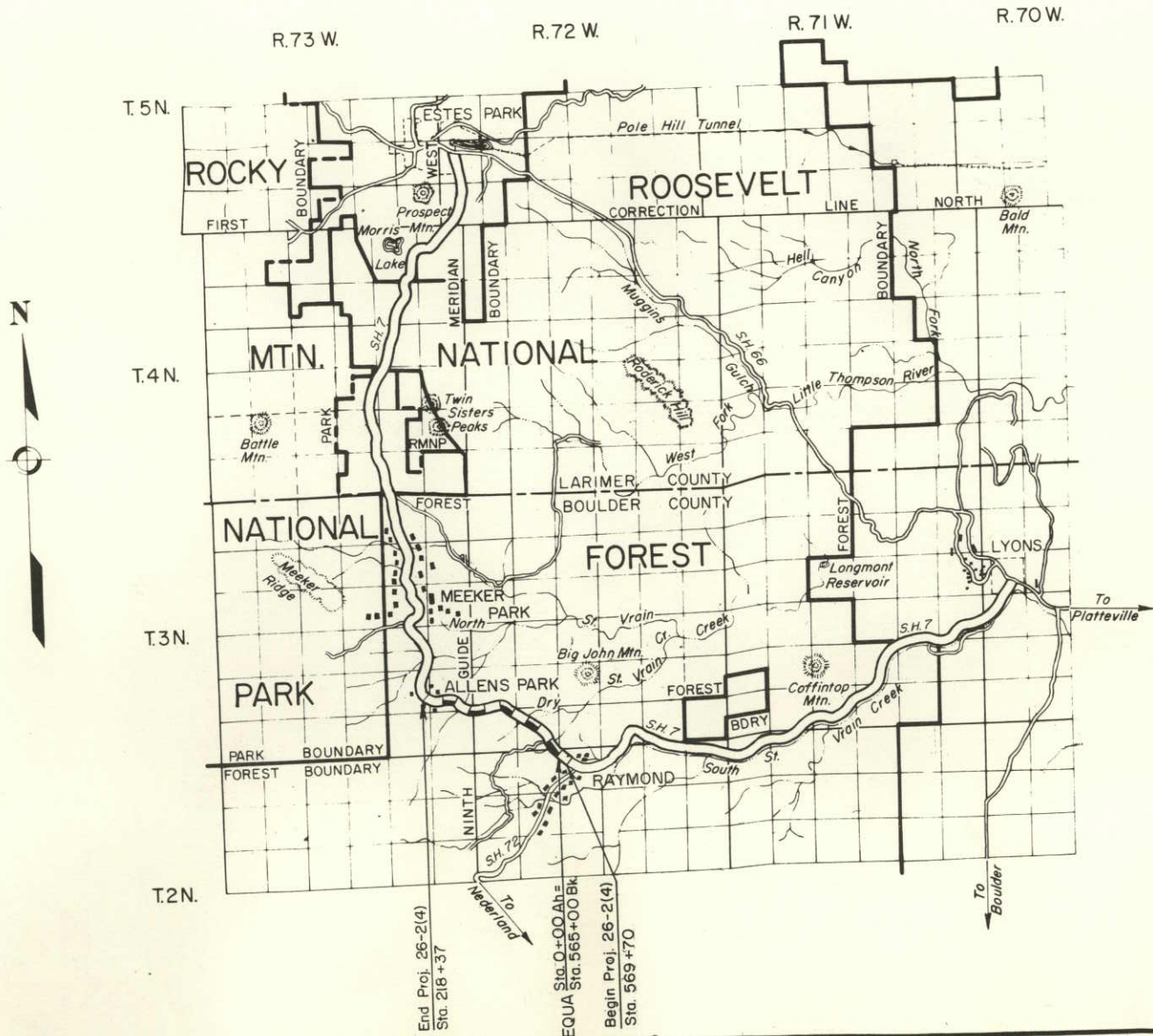


U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

PLANS FOR PROPOSED
COLORADO FOREST HIGHWAY PROJECT 26-2(4)
SOUTH SAINT VRAIN
LENGTH 4.215 MILES
CLASS I
ROOSEVELT NATIONAL FOREST
BOULDER COUNTY

REGION 9 STATE COLORADO
PROJECT Colo. FH. 26-2(4) South Saint Vrain
SHEET 1 OF SHEETS

INDEX TO SHEETS			
SHEET NO.	DESCRIPTION	STATION TO STATION	
1	Title Sheet		
2	Typical Sections		
3	Summary (3 Sheets)		
4A	Plan & Profile	569+70	565+00Bk.
4-11	Plan & Profile	0+00Ah	218+37
9A	Plan & Profile	5+00	17+55.91
Std.-107	Emb. Drains, Bit. Curbs & Rundowns		
Std.-108	Fill-Gage Tables		
R9-SP-214	Metal End Sections		
Std.-109	R.C.P. Bedding & Fill Class Tables		
Std.-110	R.C.P. End Sections & Cutoff Walls		
Std.-113	Type A & B Concrete Headwalls		
Std.-116	Concrete Drop Inlets & Pipe-Elbow Inlets		
Std.-119	Underdrains		
Std.-121	Rock Structures		
Std.-131-C	Maintenance Posts & Delineators		
Std.-136	Wire Fences with Steel Posts		
Std.-139	Buck & Pole Fence		
Std.-143	Project Identification Signs		
Std.-145	24' Cattle Guard		
Std.-146	12' Assembled Cattle Guard		
Std.-151	Beam-Type Guardrail		
Std.-152	Beam-Type Guardrail End Anchorage		
R9-SP-185	Intersection Detail	212+32	
R9-SP-208	Intersection Detail	149+56	



Plans prepared by: B.P.R.
Date: February, 1968
Description of Project
Improvements: Grading & Bit. Stab.
Roadbed Widths:
Graded: 52'
Base: 36'
Type Code: 2Q13
Traffic Volume
A.D.T. (1966): 530
A.D.T. (1986): 1590
D.H.V.: 240
D: 65%
T: 5%
V: 50 M.p.h.

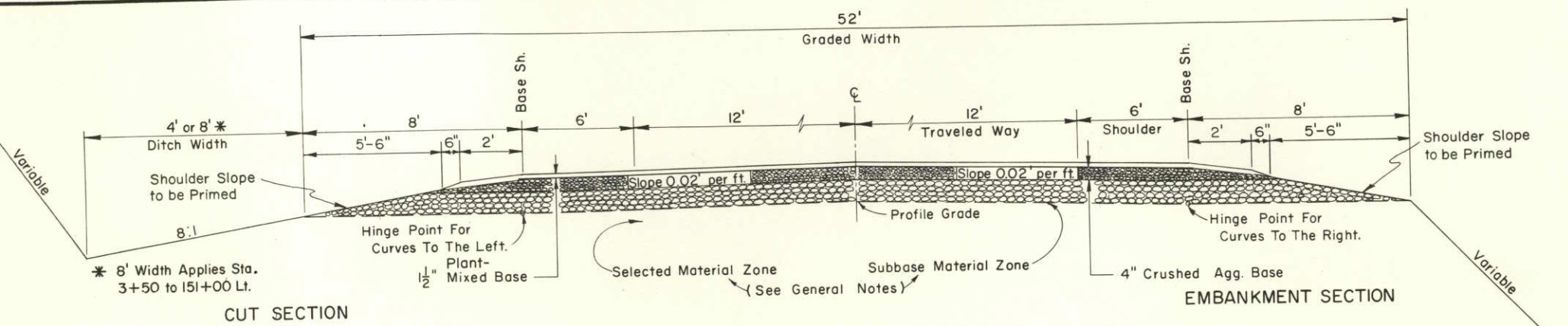
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

APPROVED: _____ DATE _____ 19____
REGIONAL ADMINISTRATOR

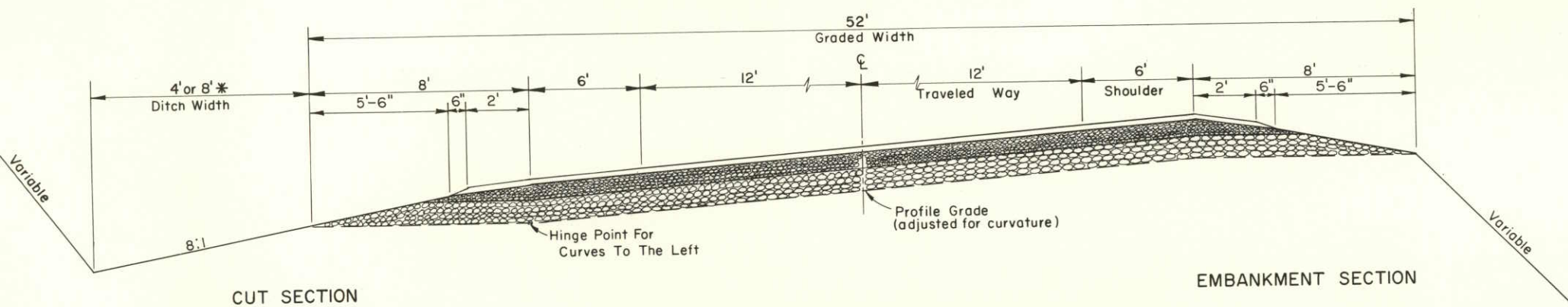


LEGEND

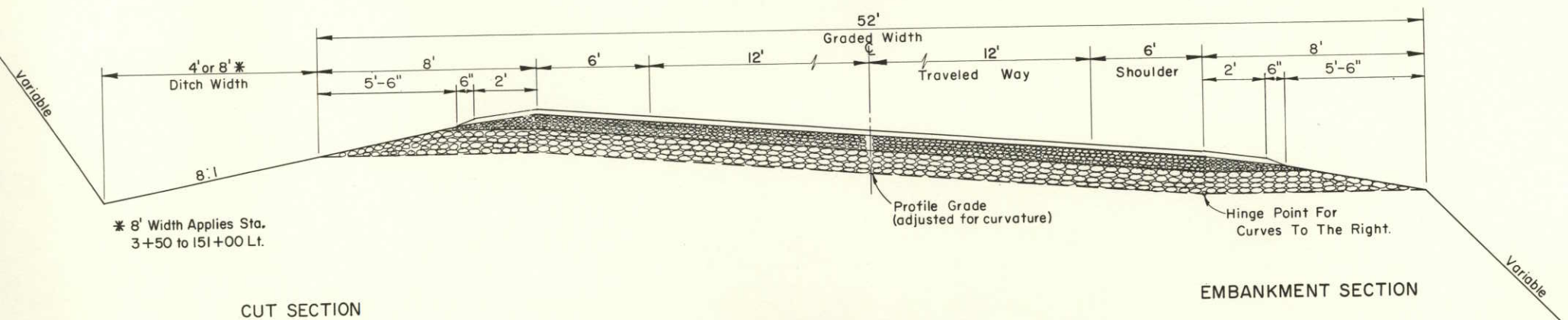
EXISTING ROAD	UNIMPROVED	GRADED	REINFORCED SUBGRADE	BASE COURSE	SURFACE TREATMENT	ROAD PLANT MIX BITUM.	CONCRETE
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TYPICAL SECTION ON TANGENTS



TYPICAL SECTION FOR CURVES LEFT
(MAXIMUM SUPERELEVATION)

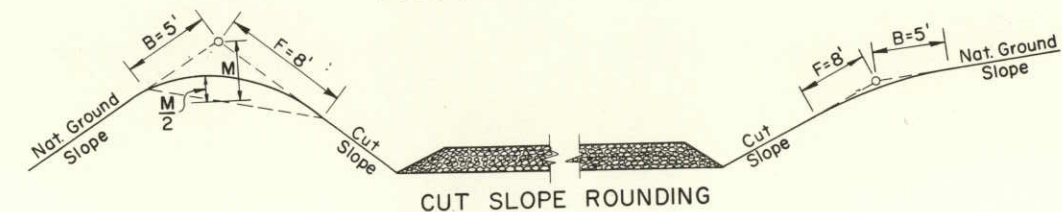


TYPICAL SECTION FOR CURVES RIGHT
(MAXIMUM SUPERELEVATION)

HEIGHT	EMBANKMENT SLOPE
0' to 3'	6:1
3' to 6'	4:1
6' to 12'	2:1
over 12'	1 1/2:1

HEIGHT	CUT SLOPE
0' to 3'	6:1
3' to 6'	4:1
6' to 12'	2:1
over 12'	1 1/2:1

The above tables are to be used as a guide in the design and construction at the project. The designer or field engineer may vary from these to fit existing conditions.



When the cut slope is less than 8', reduce B & F distance to the actual slope distance. See Special Provisions for details concerning the requirement for slope rounding.

STABILIZING MATERIALS

STATION TO STATION	Subbase Material Zone		Selected Material Zone	
	Item	Depth	Item	Depth
569+70 0+00 Ah.	565+00 Bk. 218+37	104(2) 104(2)	6" 6"	

GENERAL NOTES

The Typical Section and the table above show a "Selected Material Zone" and a "Subbase Material Zone". These terms are for defining locations and depths of materials only, and are not to be considered as pay items having similar names. The "Selected Material Zone" lies below the profile grade (adjusted for curvature where appropriate). The "Subbase Material Zone" lies above the profile grade and just below the base course zone.

Where the plans show special material to be placed in the "Selected Material Zone", the roadway excavations and embankments shall be constructed to the grade that will allow for the required thickness. The thickness of materials shown in the above table are based on laboratory analysis of samples taken at random along the proposed construction. During construction, the engineer will adjust the thickness of the stabilizing materials designated on the plans by placing Section 104 material in the "Selected Material Zone", or Section 102 material in the "Subbase Material Zone", as necessary to insure adequate structural stability.

On grades of 3% or less, where wet or unstable conditions exist, the engineer may increase the ditch width 3 feet or more.

Any subsurface data represented on these plans is limited to the specific locations shown and those locations alone.

Roadway Widening of Subgrade, Base, and Surfacing on Curves.

Degree of Curve	Traveled Way Width		
5°-10°	20'	22'	24'
11°-21°	2'	3'	2'
22° & Up	4'	3'	2'

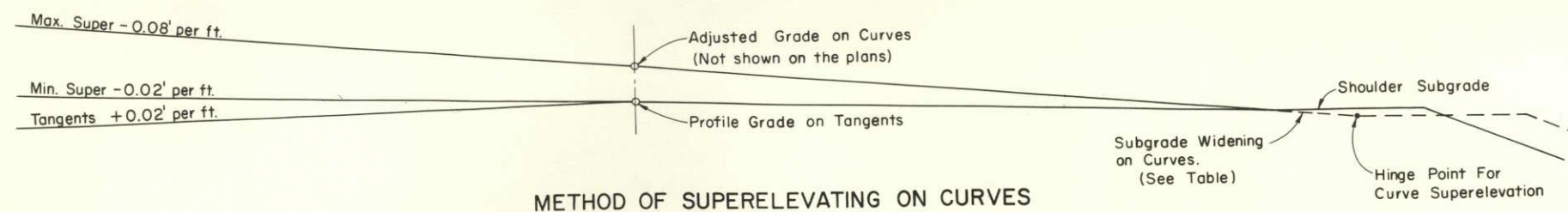
Revisions 7/1963, 5/1964, 10/1967, 11/1967, 1/1968

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
REGION - 9 DENVER, COLORADO

TYPICAL CROSS SECTIONS

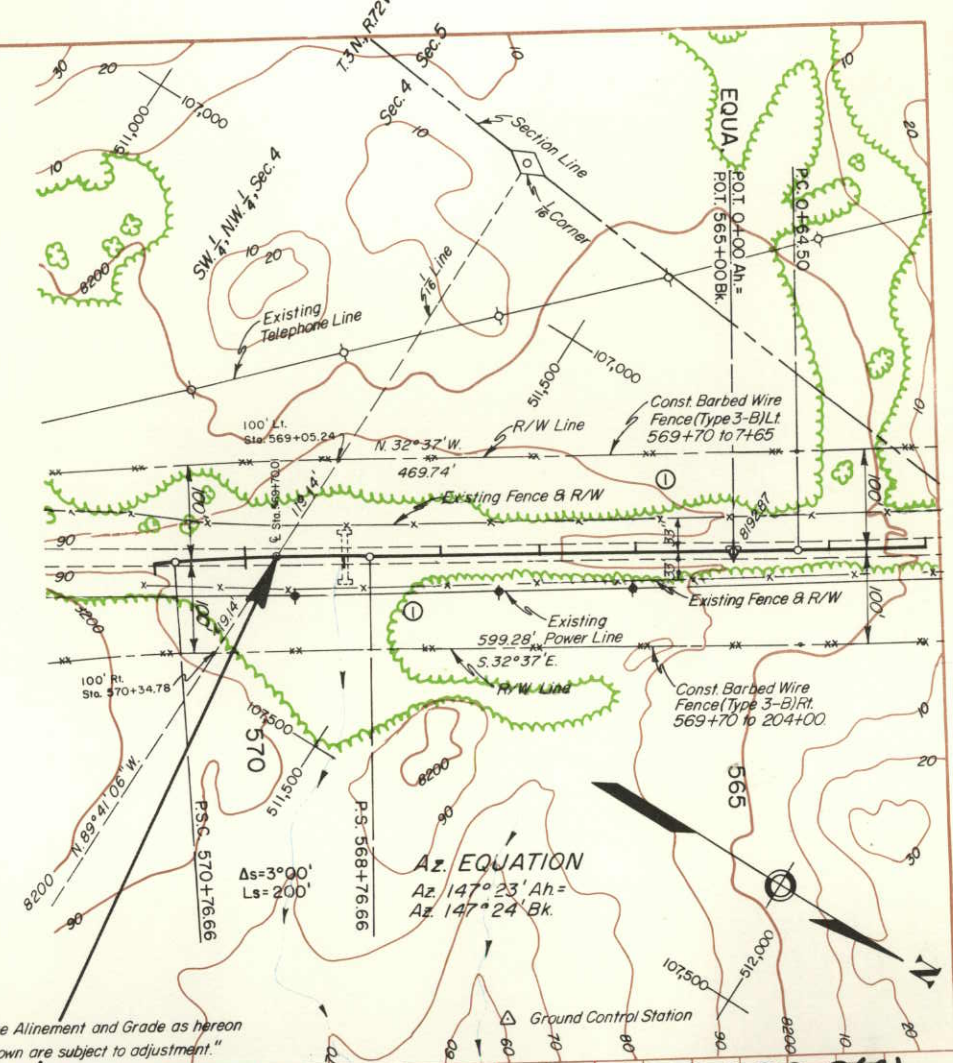
NATIONAL FOREST HIGHWAYS

ROUTE: <u>26</u>	ROADBED WIDTHS
PROJECT: <u>Colo. FH. 26-2(4)</u>	GRADED: <u>52'</u> SH. to SH.
NATIONAL FOREST: <u>Roosevelt</u>	BASE: <u>36'</u> SH. to SH.
COUNTY: <u>Boulder</u>	SURFACE: <u>SH. to SH.</u>
STATE: <u>Colorado</u>	



METHOD OF SUPERELEVATING ON CURVES

Note: Project 26-2(4)
All overhead utility lines located within the limits of the Right-of-Way on this project are to be relocated by others.

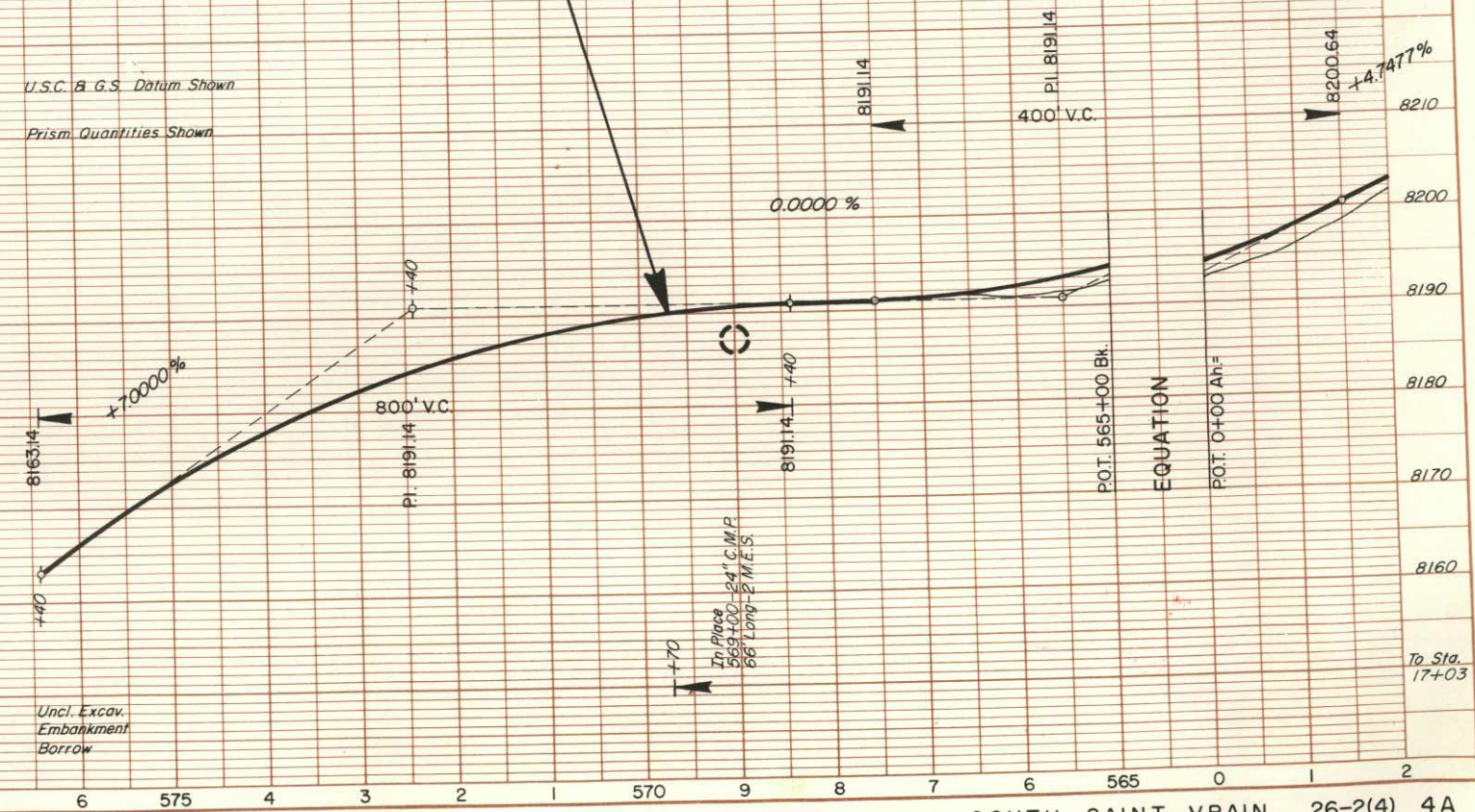


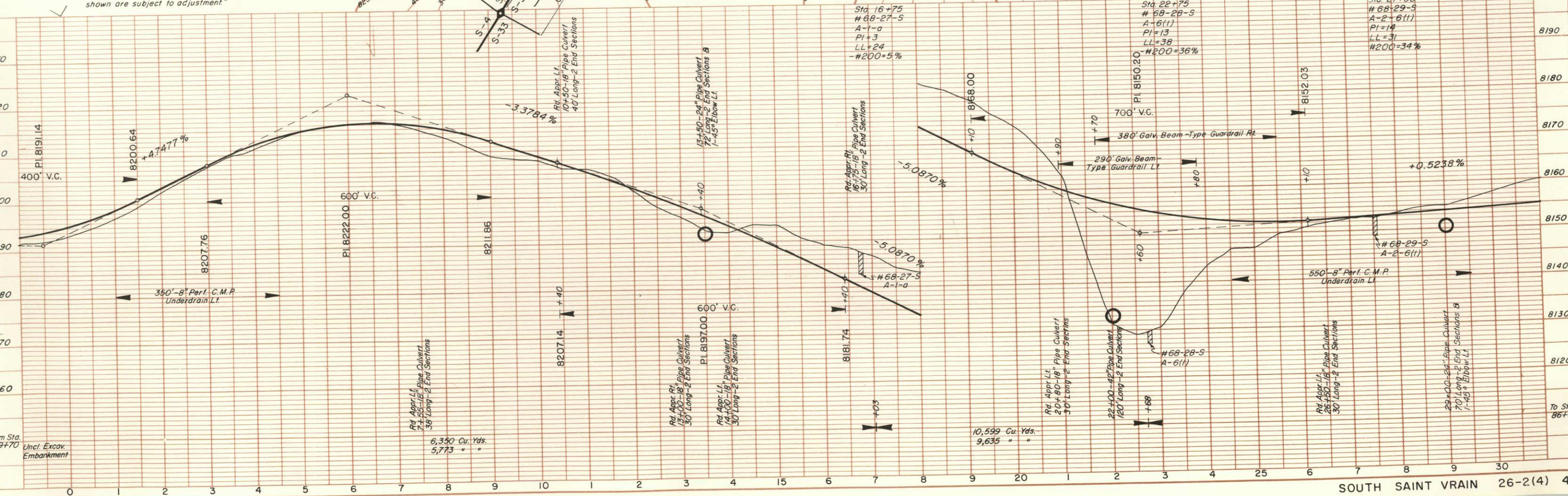
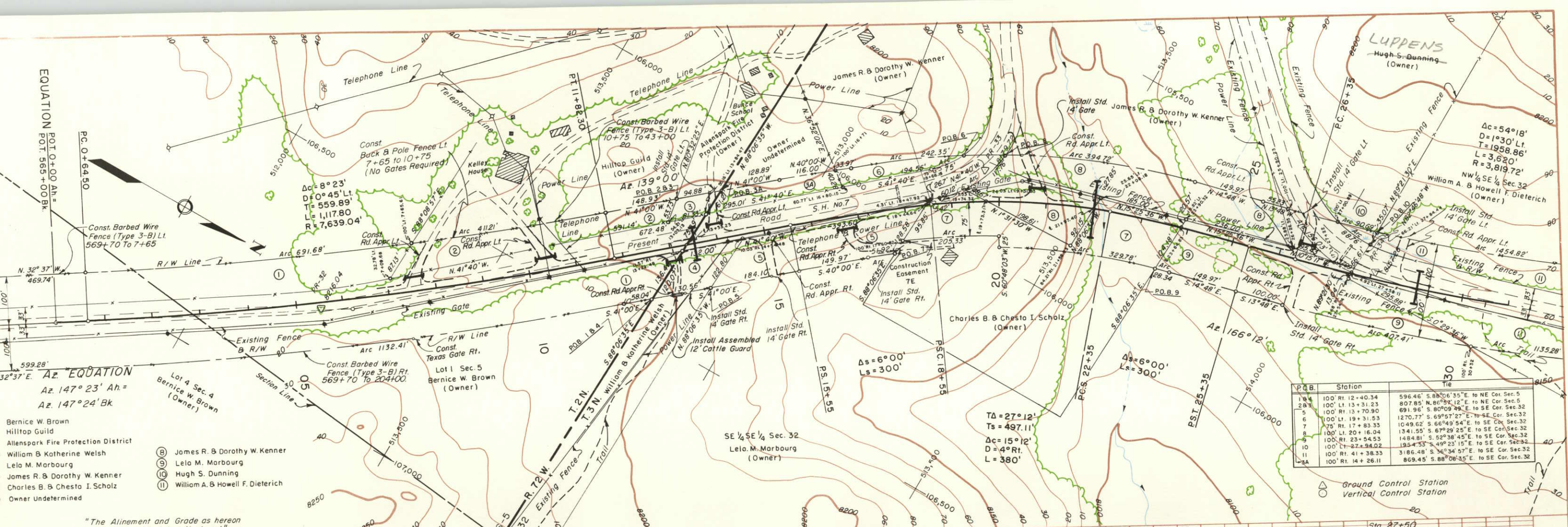
① Bernice W. Brown

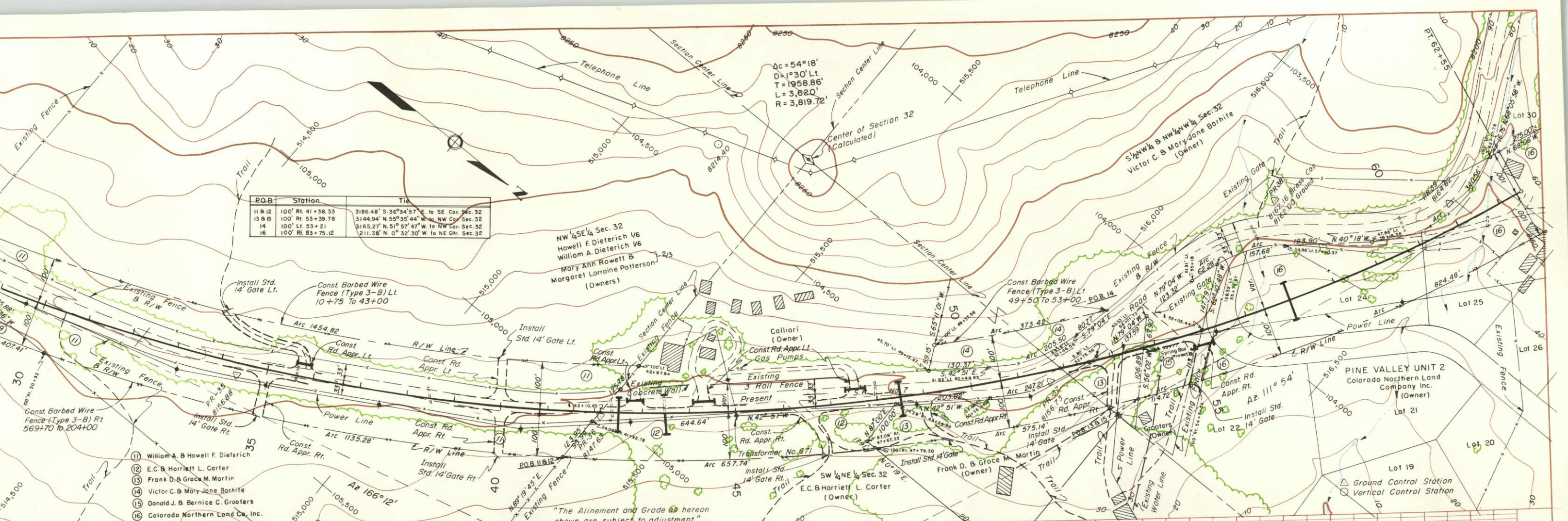
"The Alignment and Grade as hereon shown are subject to adjustment."

STA. 569+70 WEST END PROJ. 26-2(2) STA. 569+70 EAST END PROJ. 26-2(4) 1966 CONSTRUCTION PROPOSED CONSTRUCTION

U.S.C. & G.S. Datum Shown
Prism Quantities Shown



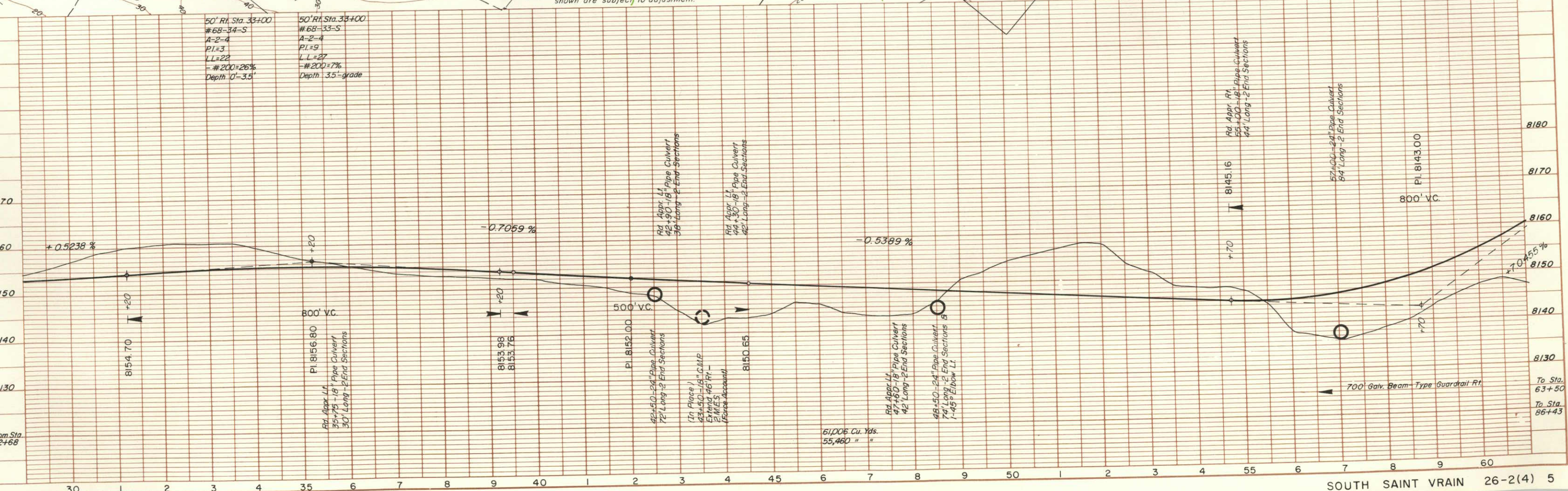


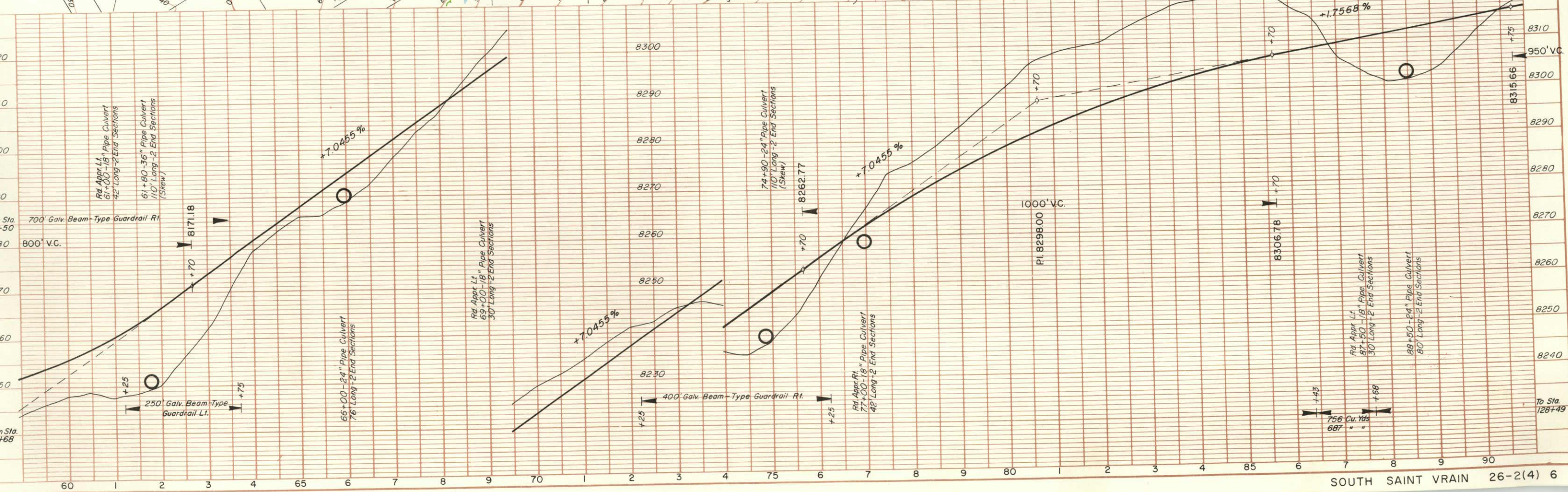


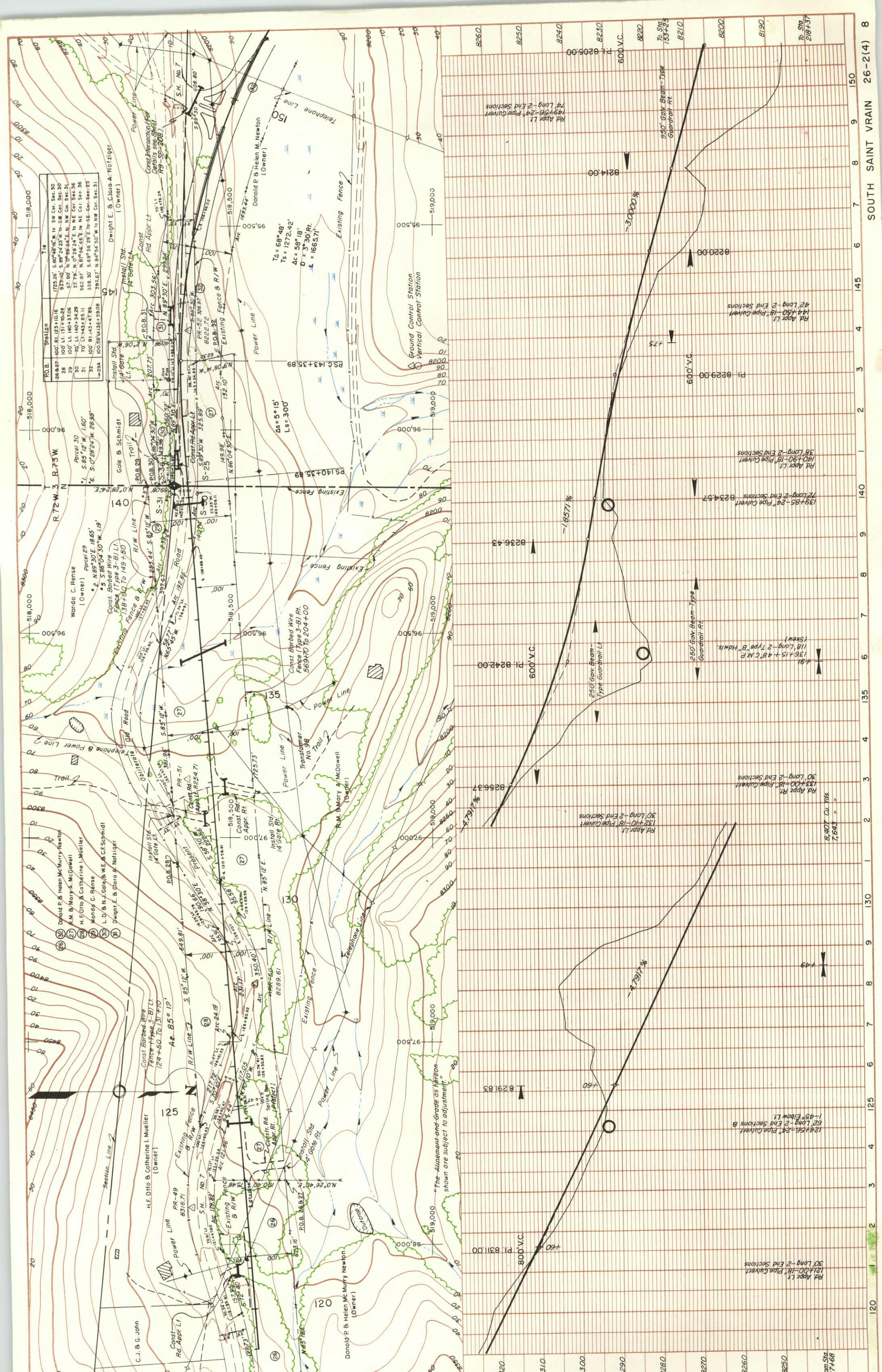
P.O.B.	Station	Tie
11 & 12	100' Rt. 41+38.33	3186.48' S. 36° 34' 57" E. to SE Cor. Sec. 32
13 & 15	100' Rt. 53+39.78	3144.94' N. 59° 35' 44" W. to NW Cor. Sec. 32
14	100' Lt. 53+21	3165.27' N. 51° 57' 47" W. to NW Cor. Sec. 32
16	100' Rt. 83+75.12	211.36' N. 0° 32' 30" W. to NE Cor. Sec. 32

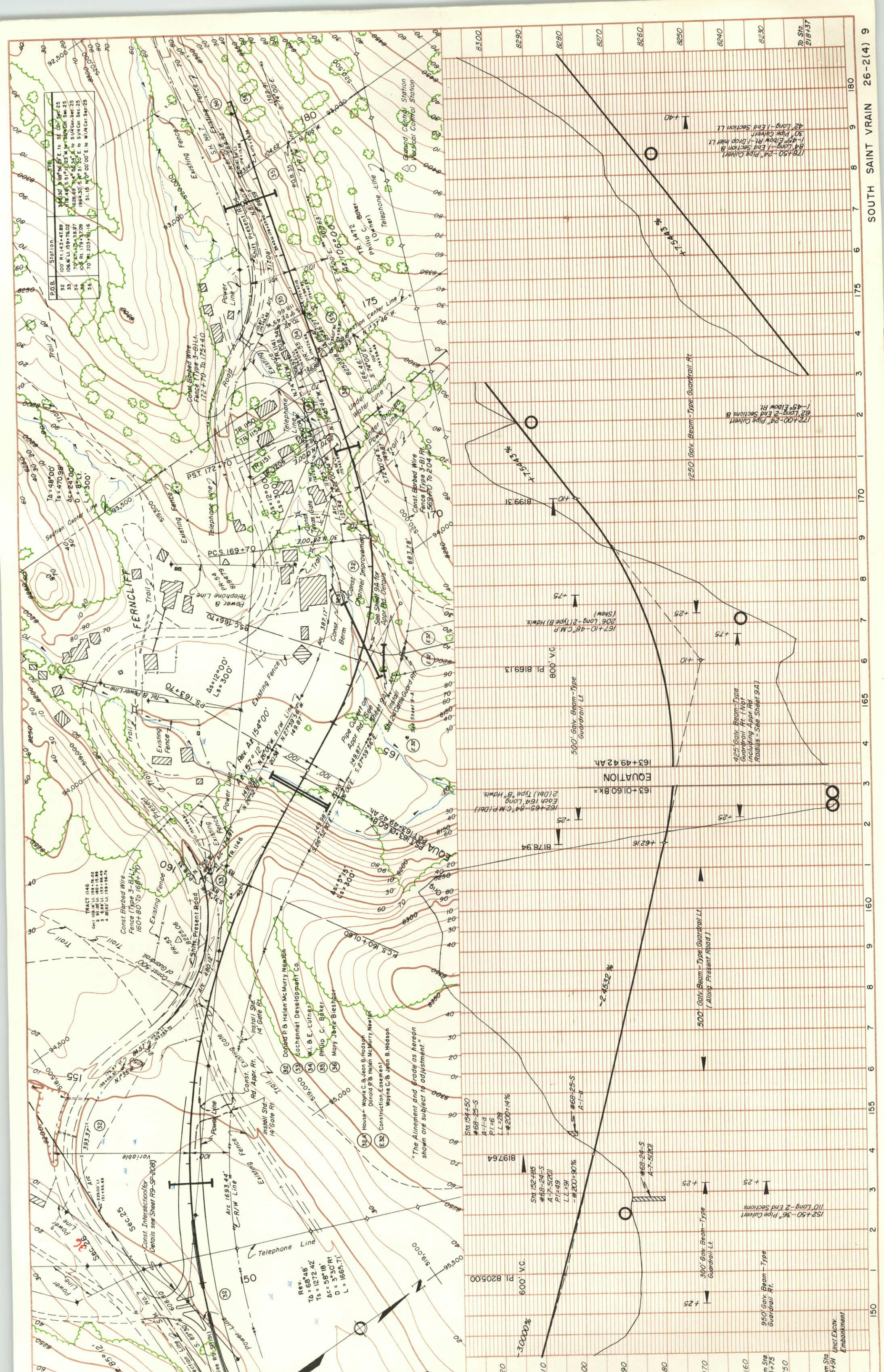
50' Rt. Sta. 33+00
#68-34-S
A-2-4
PI=3
LL=22
-#200=26%
Depth 0'-3.5'

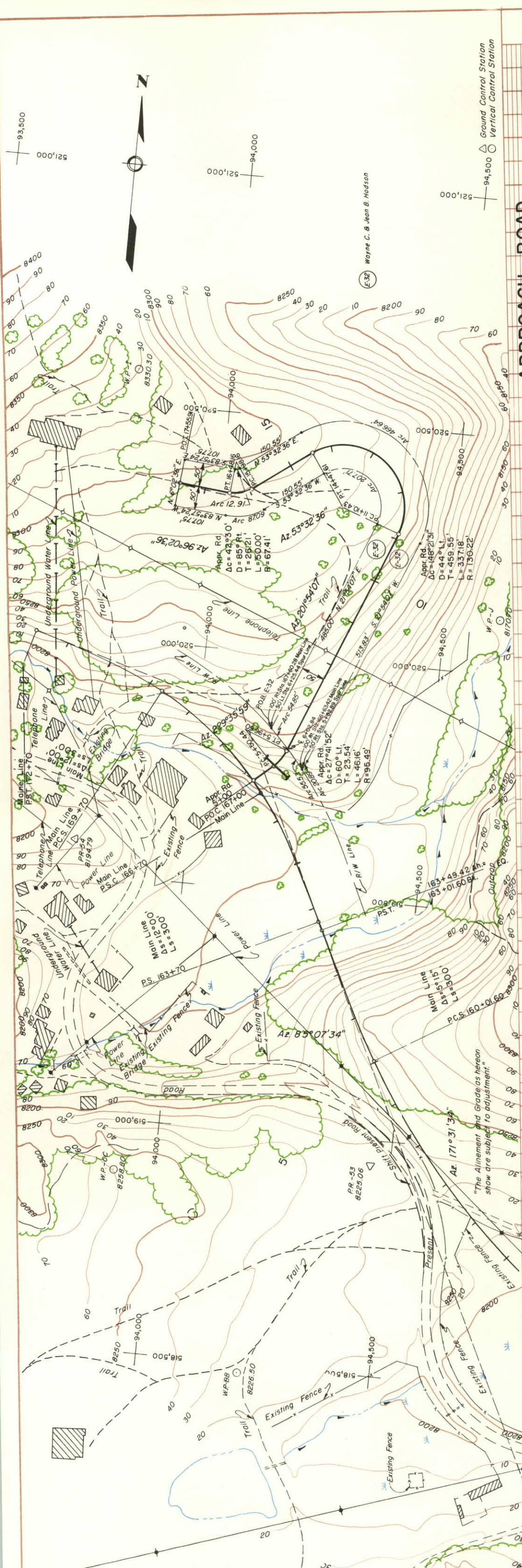
50' Rt. Sta. 33+00
#68-33-S
A-2-4
PI=9
LL=27
-#200=7%
Depth 3.5'-grade



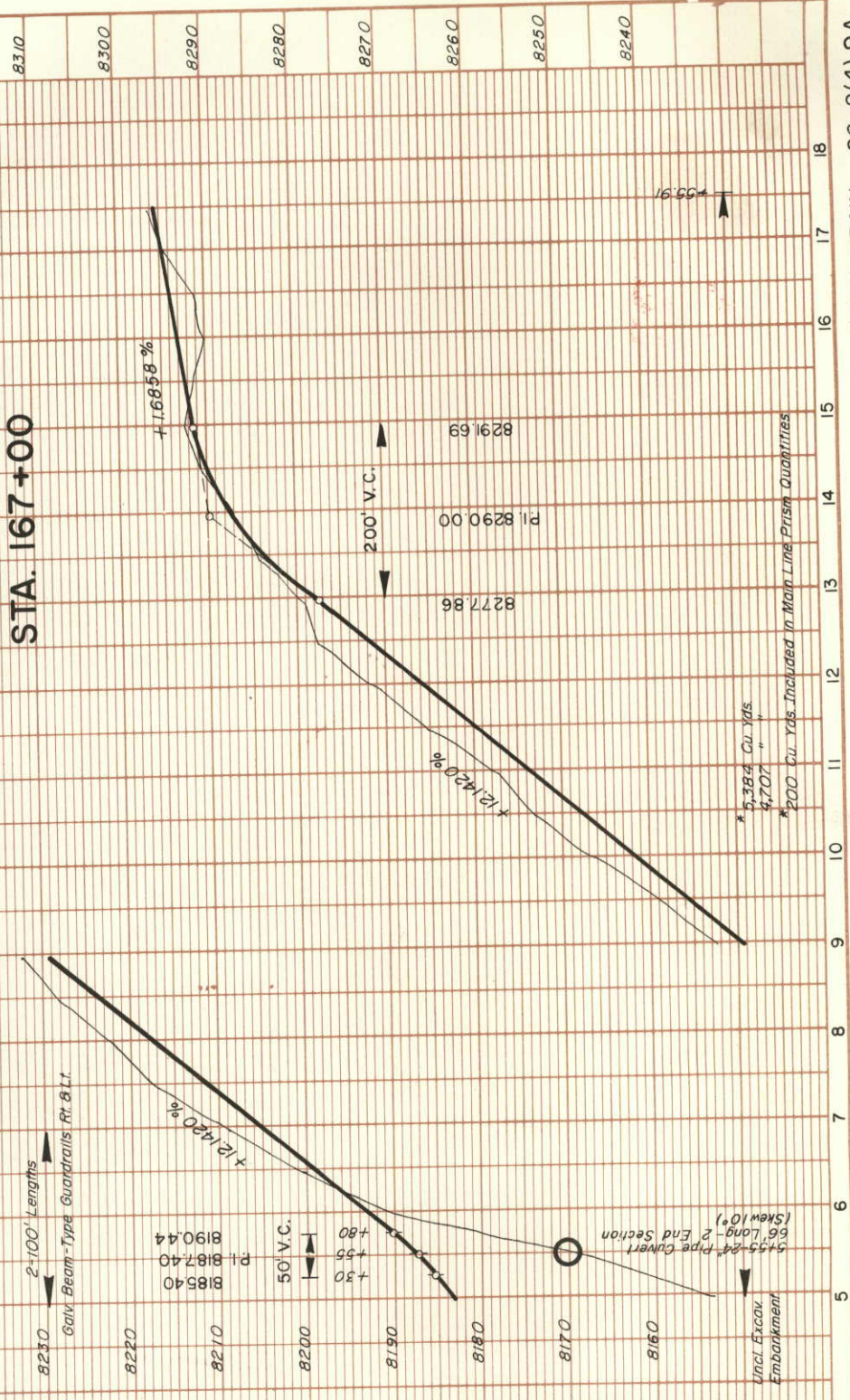




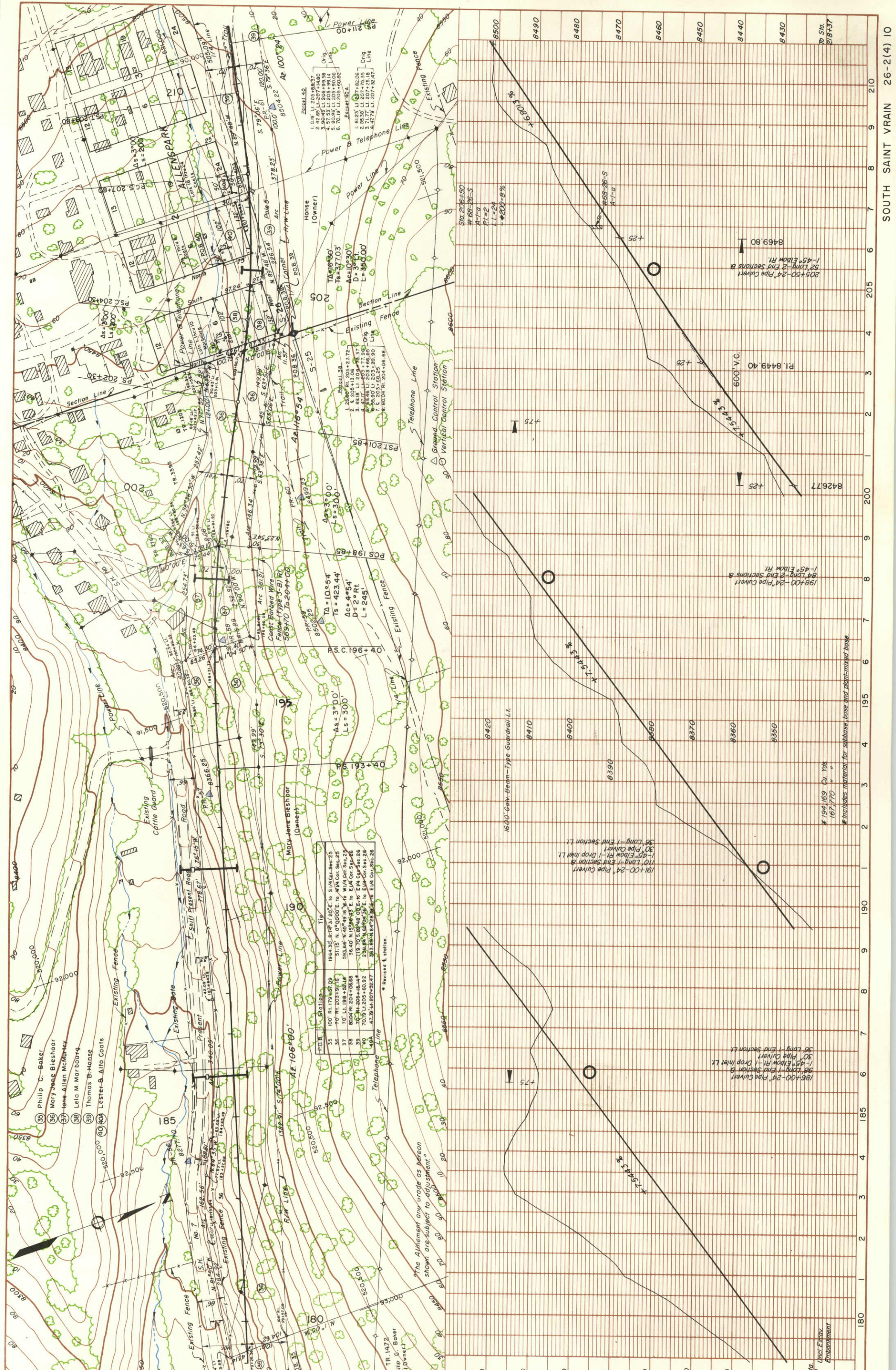


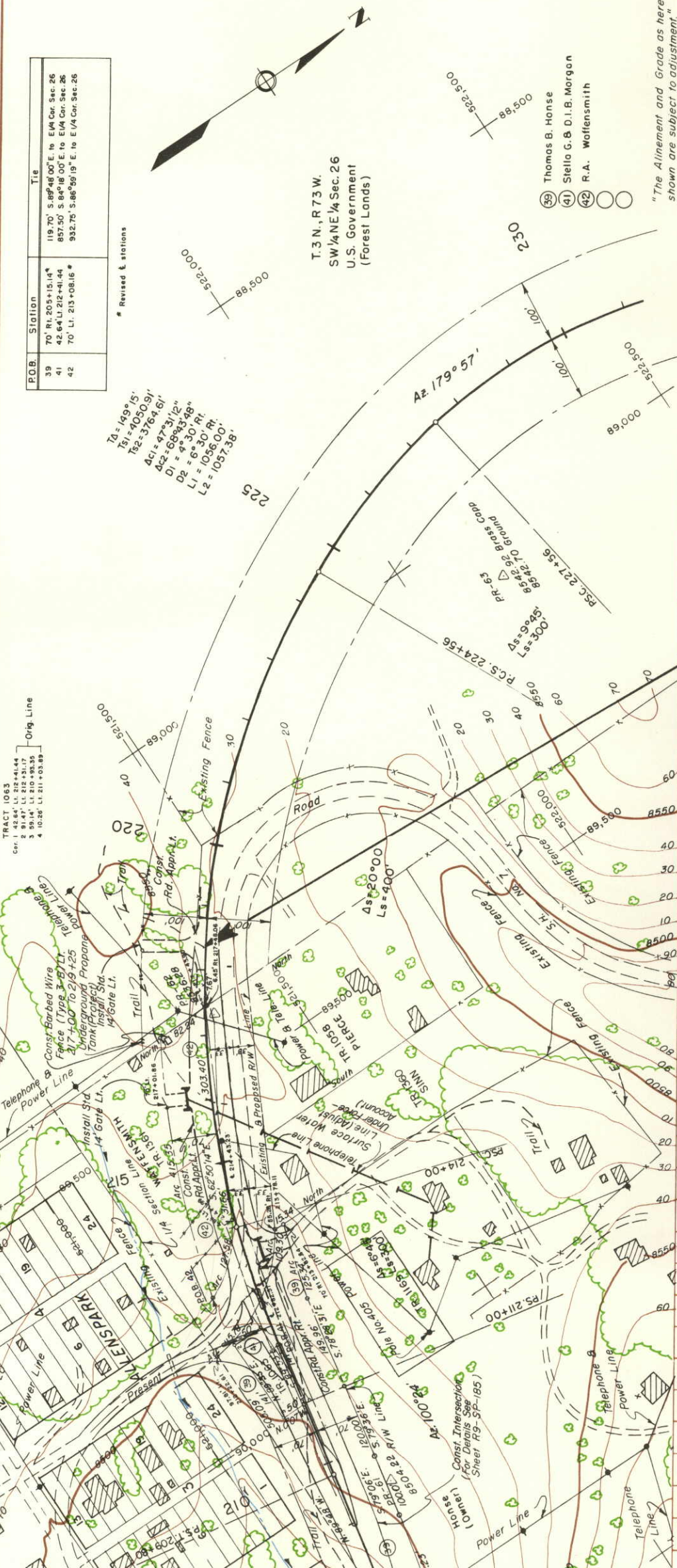


APPROACH ROAD
STA. 167+00



"The Alinement and Grade as hereon show are subject to adjustment."





P.O.B.	Station	Tie
39	70' Rt. 205+15.14	119.70' S. 89°48'00\" E. to E/4 Cor. Sec. 26
41	42.64' Li. 212+41.44	857.50' S. 84°18'00\" E. to E/4 Cor. Sec. 26
42	70' Li. 213+08.16	932.75' S. 86°59'19\" E. to E/4 Cor. Sec. 26

* Revised & stations

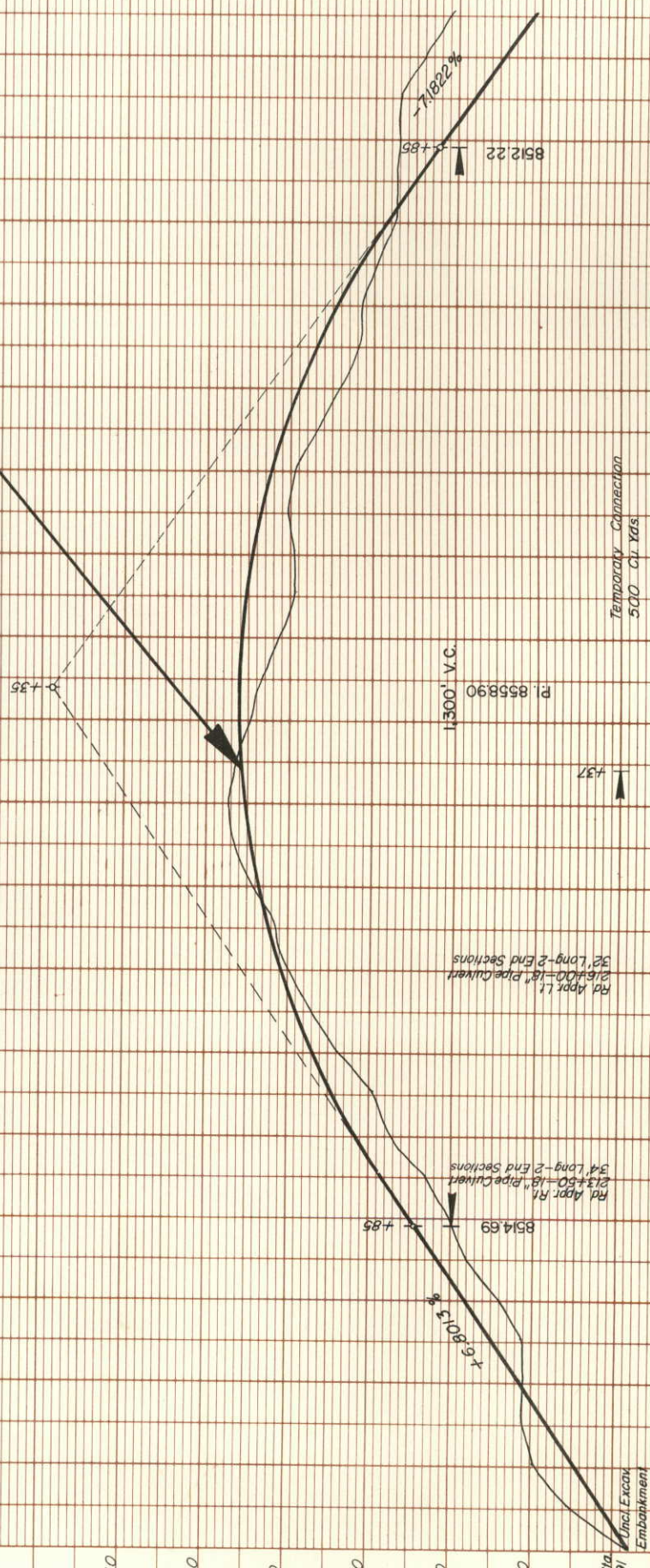
Td = 149°15'
Tb = 4050.91'
Tc = 3764.61'
Dc1 = 47°31'12\"
Dc2 = 68°43'48\"
D2 = 4°33'30\" Rt.
L1 = 1056.00'
L2 = 1057.38'

T.3 N., R.73 W.
SW 1/4 NE 1/4 Sec. 26
U.S. Government
(Forest Lands)

- 39 Thomas B. Hanse
- 41 Stella G. & D.I.B. Morgan
- 42 R.A. Wolfensmith

"The Alignment and Grade as hereon shown are subject to adjustment."

STA. 218+37 WEST END PROJ. 26-2(4) PROPOSED CONSTRUCTION



HEIGHT	EMBANKMENT SLOPE
0' to 3'	6:1
3' to 6'	4:1
6' to 12'	2:1
over 12'	1½:1

HEIGHT	CUT SLOPE
0' to 3'	6:1
3' to 6'	4:1
6' to 12'	2:1
over 12'	1½:1

The above tables are to be used as a guide in the design and construction of the project. The designer or field engineer may vary from these to fit existing conditions.



CUT SLOPE ROUNDING

When the cut slope is less than 8', reduce B & F distance to the actual slope distance.
See Special Provisions for details concerning the requirement for slope rounding.

STABILIZING MATERIALS

STATION TO STATION	Subbase Material Zone		Selected Material Zone	
	Item	Depth	Item	Depth
154+50 162+50	102(4)	6"		

GENERAL NOTES

The Typical Section and the table above show a "Selected Material Zone" and a "Subbase Material Zone". These terms are for defining locations and depths of materials only, and are not to be considered as pay items having similar names. The "Selected Material Zone" lies below the profile grade (adjusted for curvature where appropriate). The "Subbase Material Zone" lies above the profile grade and just below the base course zone.

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On grades of 3% or less, where wet or unstable conditions exist, the engineer may increase the ditch width 3 feet or more.

Any subsurface data represented on these plans is limited to the specific locations shown and those locations alone.

Roadway Widening of Subgrade, Base, and Surfacing on Curves.

Degree of Curve	Traveled Way Width
20°-22°	24'
5°-10°	2'
11°-21°	3'
22° & Up	4'

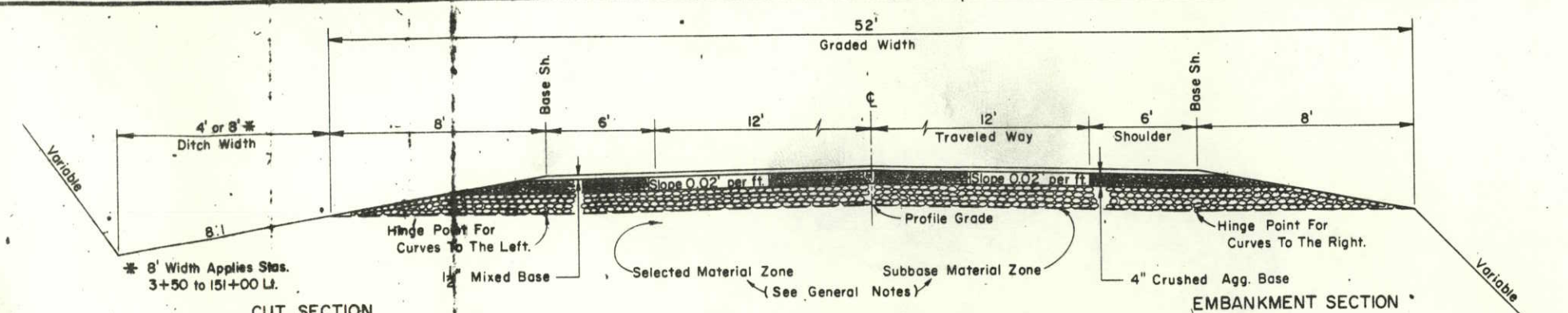
Revisions 7/1963, 3/1964, 10/1967, 11/1967, 1/1968

U. S. DEPARTMENT OF TRANSPORTATION
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BUREAU OF PUBLIC ROADS
REGION - 9 DENVER, COLORADO

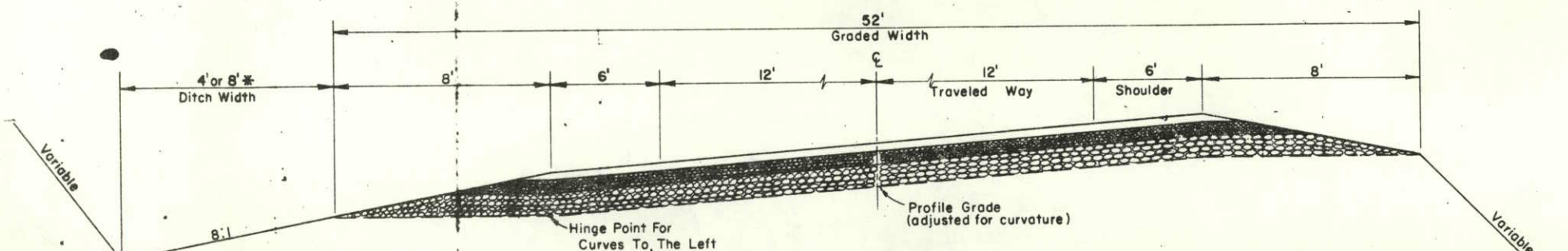
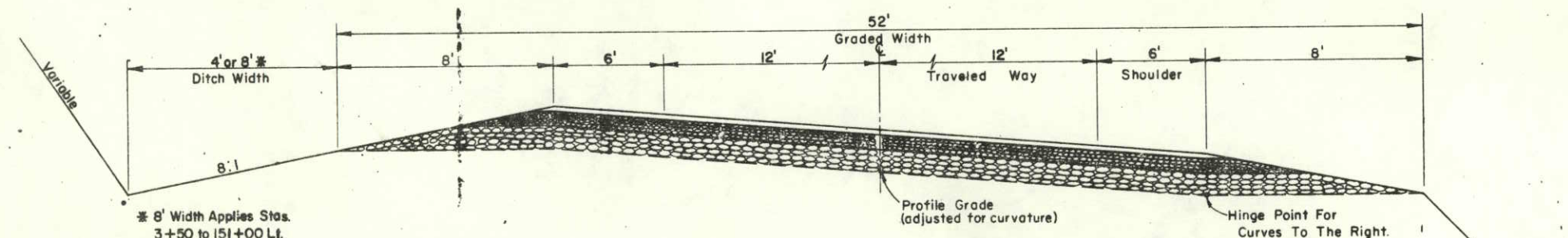
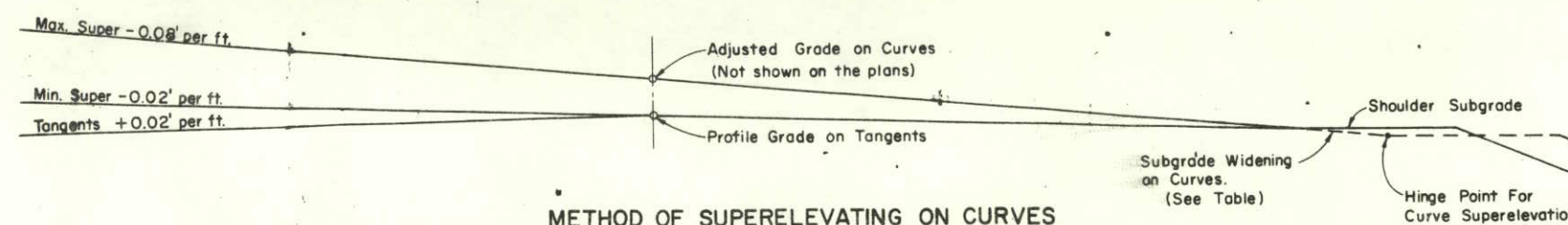
TYPICAL CROSS SECTIONS

NATIONAL FOREST HIGHWAYS

ROUTE: 26	ROADBED WIDTHS
PROJECT: Colo. FH 26-2(4)	GRADED: 52' SH. to SH.
NATIONAL FOREST: Roosevelt	BASE: 36' SH. to SH.
COUNTY: Boulder	SURFACE: SH. to SH.
STATE: Colorado	



TYPICAL SECTION ON TANGENTS

TYPICAL SECTION FOR CURVES LEFT
(MAXIMUM SUPERELEVATION)TYPICAL SECTION FOR CURVES RIGHT
(MAXIMUM SUPERELEVATION)

METHOD OF SUPERELEVATING ON CURVES

R.O.W. TABULATION OF PROPERTIES IN

BOULDER

COUNTY S.H.NO.

PROJ. 26-2(4)
(R.O.W. CR 07-0007-22)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	26-2(4) (R.O.W. CR 07-0007-22)	3	

RIGHT OF WAY SOUTH SAINT VRAIN

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			LAND	IMPROV'TS	DAMAGE	MISC.	TOTAL	NO
				PARCEL	TO BE ACQUIRED	REMAINDER RIGHT LEFT						
1	Bernice W. Brown	535 Pratt St. Longmont, Colo.	6th PM. Lot 4 SW 1/4 NW 1/4 S 4 T 3 N, R 72 W	7.499 ±	4.734 ±	90 ±					69 ±	
2	Hilltop Guild	Allenspark, Colo. 80510	Lot 1 SE 1/4 NE 1/4 S 5 T 2 N, R 72 W	0.690 ±	0.690 ±	—					4.98 ±	
3	Allenspark Fire Protection District	"	"	0.091 ±	0.091 ±	—					0.80 ±	
3A	Undetermined	"	"	0.264 ±	0.264 ±	—					0.60 ±	
4	William & Katherine S. Welch	1001 Baseline Road, Boulder, Colo.	SE 1/4 SE 1/4 S 32 T 3 N, R 72 W	0.267 ±	0.267 ±	56 ±					—	
5	Lela M. Marbourg	499 Main St. Longmont, Colo.	SE 1/4 SE 1/4 S 32 T 3 N, R 72 W	0.833 ±	0.833 ±	66.8 ±					—	
6	James R. & Dorothy W. Kenner	Lyons, Colo.	SE 1/4 SE 1/4 S 32 T 3 N, R 72 W	0.187 ±	0.187 ±	—					9.24 ±	
7	Charles B. & Cnesta I. Scholz	42 Anniversary Lane, Longmont, Colo.	SE 1/4 SE 1/4 S 32 T 3 N, R 72 W	1.030 ±	1.030 ±	9.03 ±					—	
TE-7	"	"	"	0.069 ±								
8	James R. & Dorothy W. Kenner	Lyons, Colo.	S 1/2 SE 1/4 S 32 T 3 N, R 72 W	1.576 ±	1.576 ±	—					9.24 ±	
9	Lela M. Marbourg	See Parcel # 5	E 1/2 SE 1/4 S 32 T 3 N, R 72 W	1.368 ±	1.368 ±	66.8 ±					—	
10	Hugh S. Dunning	Star Route Lyons, Colo.	SW 1/4 SE 1/4 S 32 T 3 N, R 72 W	0.039 ±	0.039 ±	—					10.26 ±	
11	Howell F. Dieterich et al	Howell F. Dieterich 1025 Stuart St. Longmont, Colo.	NW 1/4 SE 1/4 S 32 T 3 N, R 72 W	6.324 ±	4.130 ±	90 ±					123.68 ±	
12	E.C. & Harriett L. Carter	P.O. Box 8 Allenspark, Colo. 80510	SW 1/4 NE 1/4 S 32 T 3 N, R 72 W	1.315 ±	1.315 ±	29 ±					—	
13	Frank D. & Grace M. Martin	Allenspark, Colo. 80510	SW 1/4 NE 1/4 S 32 T 3 N, R 72 W	1.127 ±	1.127 ±	2.07 ±					—	
14	Victor C. & Mary Jane Barhite	1426 Hawthorne Ave. Boulder, Colo.	S 1/4 NE 1/4 S 32 T 3 N, R 72 W	0.475 ±	0.475 ±	—					72 ±	
15	Donald J. & Bernice C. Grooters	1232 24th Ave. Court, Greeley, Colo.	SE 1/4 NW 1/4 S 32 T 3 N, R 72 W	0.586 ±	0.586 ±	0.23 ±					—	
16	Colorado Northern Land Co. Inc.	2950 Pearl St. Boulder, Colo.	NW 1/4 S 32 T 3 N, R 72 W	10.785 ±	10.785 ±	43.64 ±					3.57 ±	
17	Victor C. & Mary Jane Barhite	See Parcel # 14	NW 1/4 NW 1/4 S 32 T 3 N, R 72 W	0.183 ±	0.183 ±	—					72 ±	
18	"	"	"	0.409 ±	0.409 ±	—					72 ±	
19	Otto A. & Margaret Walter	Allenspark, Colo. 80510	N 1/2 NE 1/4 S 31 T 3 N, R 72 W	2.273 ±	2.273 ±	67.76 ±					82.45 ±	
TE-19	"	"	NE 1/4 NE 1/4 S 31 T 3 N, R 72 W	0.086 ±								
21/Rev	Colorado Northern Land Co. Inc.	See Parcel # 16	SE 1/4 SE 1/4 S 30 T 3 N, R 72 W	0.796 ±	0.710 ±	70.48 ±					—	
22	James B. & Mardie K. Crow	1123 Royale Drive, Colo. Springs, Colo.	SE 1/4 SE 1/4 S 30 NE 1/4 S 31 T 3 N, R 72 W	0.870 ±	0.870 ±	—					—	
23	Otto A. & Margaret Walter	See Parcel # 19	SW 1/4 SE 1/4 S 30 T 3 N, R 72 W	6.166 ±	4.014 ±	67.76 ±					82.45 ±	
24	Robert J. & Neva R. Leonard	415 Coffman St. Longmont, Colo.	SE 1/4 SW 1/4 S 30 T 3 N, R 72 W	0.211 ±	0.211 ±	—					1.76 ±	
25	Eldon D. & Sharol Roland Henderson	8 John Rowland 2915 Lake Drive Loveland, Colo.	SE 1/4 SW 1/4 S 30 T 3 N, R 72 W	0.881 ±	0.881 ±	5.6 ±					—	
26	Donald P. & Helen McMurry Newton	P.O. Box 7 Allenspark, Colo. 80510	SE 1/4 SW 1/4 S 30 T 3 N, R 72 W	2.42 ±	2.42 ±	8.2 ±					—	
27 Rev	R.M. & Mary A. McDowell	1030 East Yale Ave. Englewood, Colo.	SE 1/4 SW 1/4 S 30 T 3 N, R 72 W	5.235 ±	5.235 ±	40.7 ±					—	
28	H.F.O. & Catherine I. Mueller	Box 86 Windside, Nebraska	SW 1/4 S 30 T 3 N, R 72 W	1.083 ±	1.083 ±	—					3.92 ±	
29	Wanda C. Rense	601 - 10th St. Boulder, Colo.	NW 1/4 NW 1/4 S 31 T 3 N, R 72 W	0.218 ±	0.218 ±	—					168.08 ±	
29A	Deleted			0.179	0.179							
30	Larry D. & Nila Jean Gale, Warren E. & Charlene F. Schmidt	84 Schmidt & Schmidt 716 Main St. Springfield, Colo.	NE 1/4 NE 1/4 S 30 T 3 N, R 73 W	0.315 ±	0.315 ±	—					1.07 ±	
31	Dwight E. & Clara A. Noziger	2649 Mountain Lane, Greeley, Colo.	NE 1/4 NE 1/4 S 36 T 3 N, R 73 W	0.172 ±	0.172 ±	—					94.1 ±	
32	Donald P. & Helen McMurry Newton	See Parcel # 26	SE 1/4 S 25 T 3 N, R 73 W	13.227 ±	13.227 ±	67 ±					4 ±	
32A	Donald P. & Helen McMurry Newton f. Wayne C. & Jean B. Hadson	See Parcel # 26		House only								
TE-32 Rev	Wayne C. & Jean B. Hadson	Allenspark, Colo. 80510	SE 1/4 S 25 T 3 N, R 73 W	2.650 ±								
33	Cochennet Development Co.	1540 Nursery St. Aurora, Colo.	SW 1/4 SE 1/4 S 25 T 3 N, R 73 W	0.085 ±	0.085 ±	—					—	
34	William I. & Elizabeth A. Lutener	1210 Blanton Place, Sherman, Texas	SE 1/4 SW 1/4 S 25 T 3 N, R 73 W	0.333 ±	0.333 ±	—					1.15 ±	
35	Philip C. Baker	2230 Nichol Drive West, Boulder, Colo.	NE 1/4 SW 1/4 S 25 T 3 N, R 73 W	1.497 ±	1.497 ±	—					8.5 ±	
36	Mary Jane Bieshaar	2703 West 35th Ave. Denver, Colo.	SW 1/4 S 25 T 3 N, R 73 W	8.141 ±	8.141 ±	20.16 ±					—	
37	Jane Allen McMurry	Box 236 Holly, Colo	NW 1/4 SW 1/4 S 25 T 3 N, R 73 W	0.664 ±	0.664 ±	—					0.94 ±	
38	Lela M. Marbourg	See Parcel # 5	Block 1 Allenspark	0.396 ±	0.396 ±	—					0.36 ±	
39	Thomas B. Hanse	84 Arco CAIXA Postal 19 Rio De Janeiro, Brazil	SE 1/4 NE 1/4 S 26 T 3 N, R 73 W	1.600 ±	1.60 ±	29.40 ±					—	
40	Leslie & Alta Coats	P.O. Box 22 Allenspark, Colo. 80510	Block 2 Allenspark	0.169 ±	0.169 ±	—					0.44 ±	
40A	Leslie & Alta Coats	"	Block 2 Allenspark	0.029 ±	0.029 ±	—					0.50 ±	
41	Stella G. & D.I.B. Morgan	202 East 14th Hutchinson, Kansas 67501	TR 1067 S. 26 T 3 N, R 73 W	0.197 ±	0.197 ±	—					—	
42	R.A. Waffensmith	Route 9 - NW of Longmont, Longmont, Colo. 80501	SE 1/4 NE 1/4 S 26 T 3 N, R 73 W	0.680 ±	0.680 ±	—					1.00 ±	
37-A	Morton Bryfogle	711 South Osage Street Denver, Colorado	NW 1/4 SW 1/4 S 25 T 3 N, R 73 W	0.00335 (1927 Reg. R) (1000335 (1927 Reg. R))							0.15 ±	

No Parcel # 20

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