

COLORADO

DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID SECONDARY PROJECT NO. S0019 (3) STATE HIGHWAY NO. 71 IN LINCOLN COUNTY

INDEX OF SHEETS

- 1 TITLE SHEET.
- 2 TABULATION SHEET
- 3-18 PLAN & PROFILE SHEETS

DESCRIPTIONS ON THIS PROJECT CALCULATED
AND CHECKED BY FIELD FORCES.

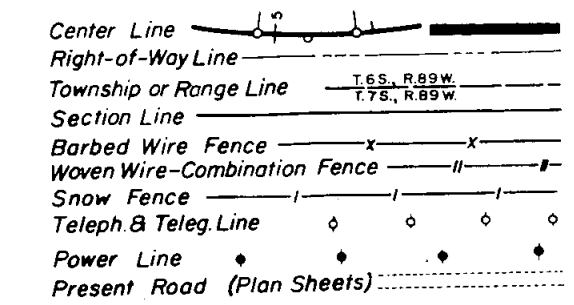
SCALES

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

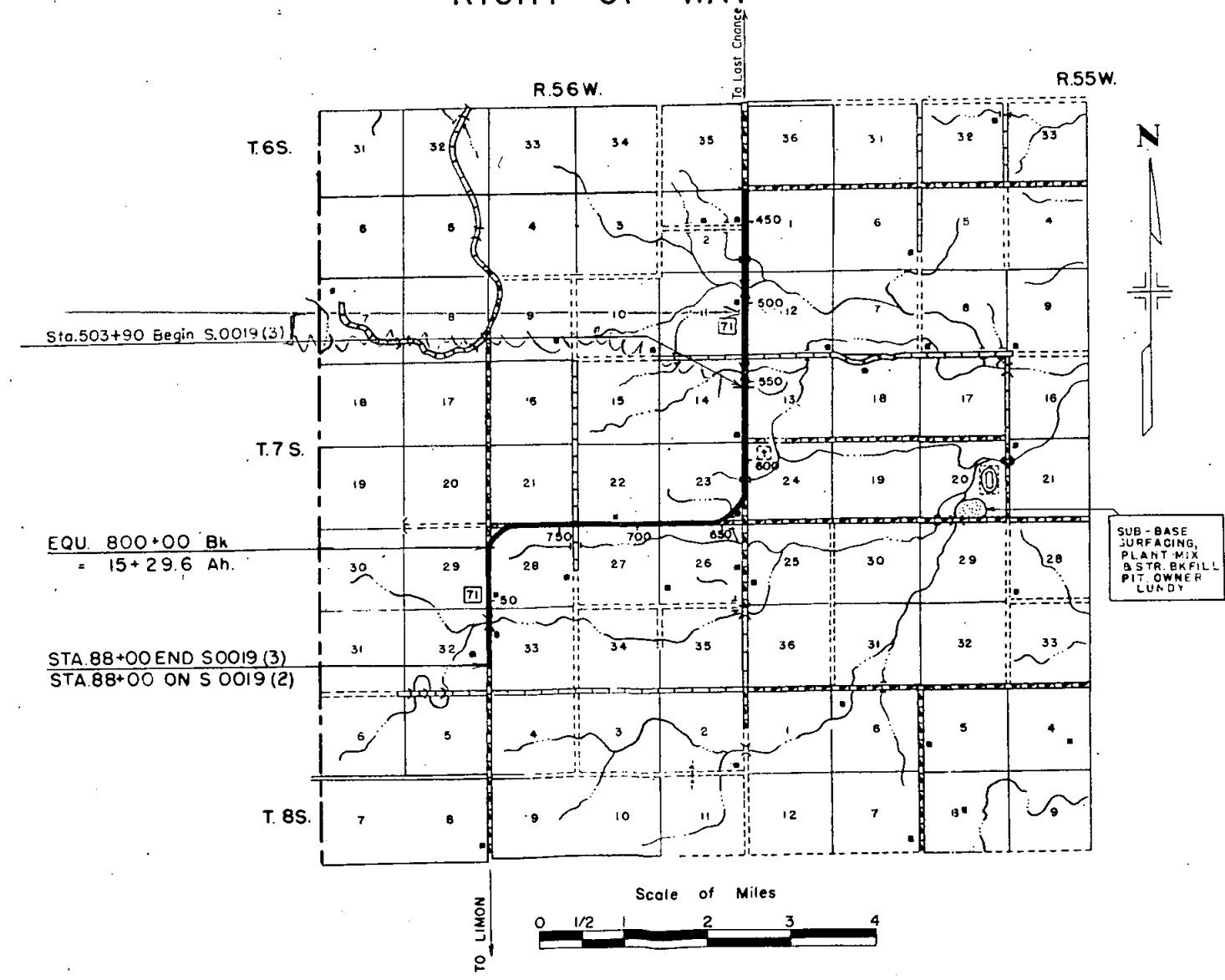
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT } 44,270.4 FT. = 8.385 Miles
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS



RIGHT-OF-WAY



INDEX OF SHEETS

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DESCRIPTIONS ON THIS PROJECT CALCULATED AND CHECKED BY FIELD FORCES.

COLORADO DEPARTMENT OF HIGHWAYS

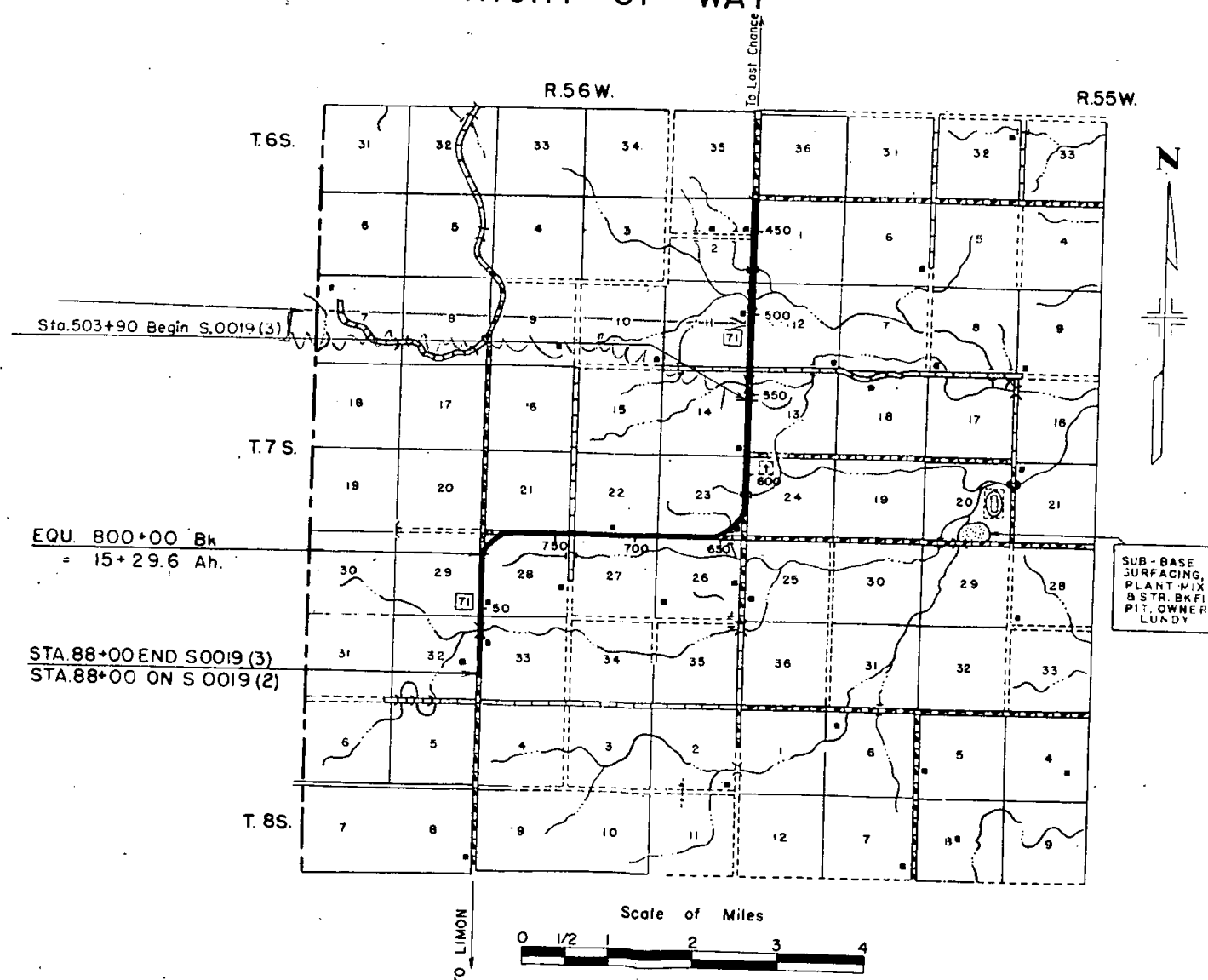
PLAN AND PROFILE OF PROPOSED FEDERAL AID SECONDARY PROJECT NO. S0019 (3) STATE HIGHWAY NO. 71 IN LINCOLN COUNTY

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ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
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GROSS LENGTH OF PROJECT } 44,270.4 FT. = 8.385 Miles
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

Center Line 
Right-of-Way Line 
Township or Range Line 
Section Line 
Barbed Wire Fence 
Woven Wire-Combination Fence 
Snow Fence 
Teleph. & Teleg. Line 
Power Line 
Present Road (Plan Sheets) 

RIGHT-OF-WAY



FENCING REQUIREMENTS

LOCATION	SIDE	REMOVE FENCE	REMOVE & REBUILD FENCE	NEW B.W. FENCE	B.W. GATES	LINE POSTS (TREATED)	PICKET SNOW FENCE
		LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	LIN. FT.
626+30 to 629+75	Lt.	360					
630+10	X	190					
630+30	X	150					
634+70	Lt.	40					
645+50	X	135					
645+70 to 648+00	Lt.	250					
779+27.3 to 783+80	Lt.	450					
795+40 to 800+00	Lt.	460					
619+00 to 626+30	Rt.	730					
648+00 to 655+00	Rt.	700					
783+80 to 785+50	Rt.	190					
793+50 to 795+40	Rt.	210					
535+	Lt. & Rt.	90	210			2	
588+	Lt.	40	120			2	
686+	Lt. & Rt.	120	280			2	
739+	Lt. & Rt.	70	280			2	
629+	Rt.				1		
629+75 to 645+60	Lt.			1,685			
779+27.3 to 800+00	Lt.			2,000			
	Rt.						
619+00 to 655+00	Rt.			3,505			
785+50 to 793+50	Rt.			880			
New Line Posts for Repairing all Existing Fence						783	
504+ to 505+	Rt.						100
531+ to 535+	Rt.						300
548+ to 550+	Rt.						200
630+ to 638+	Rt.						500
645+ to 654+	Rt.						900
717+ to 724+	Rt.						700
737+ to 739+	Rt.						200
740+ to 745+	Rt.						500
70+ to 77+	Rt.						500
TOTALS:		4185	890	8,070	1	791	3,900

NOTE: Bid price for Line Posts shall be price for posts complete in place whether in removed & rebuilt fence or for repairing existing fence.

TIMBER GUARD POSTS

LOCATION	SIDE	SPACING	REMOVE GUARD POSTS	NEW GUARD POSTS
			NO.	NO.
540+ 64+	Lt. & Rt. Lt. & Rt.	Bridge Bridge	20 20	
539+55 to 540+19	Lt. & Rt.	Bridge Appr.		12
540+58 to 541+22	Lt. & Rt.	Bridge Appr.		12
551+50 to 559+50	Lt.	100'		9
554+50 to 567+50	Rt.	100'		14
607+50 to 610+50	Lt. & Rt.	100'		8
629+	Lt.	0		8
639+00 to 645+00	Lt.	50'		13
639+00 to 644+00	Rt.	50'		11
646+00	Lt.	0		8
685+70	Lt. & Rt.	Culvert		2
725+50 to 728+50	Lt.	100'		4
726+90	Rt.	Culvert		1
731+00 to 735+	Lt.	100'		5
731+00 to 734+	Rt.	100'		4
740+25	Lt. & Rt.	Culvert		2
785+	Rt.	0		8
790+00	Lt. & Rt.	Culvert		2
794+	Rt.	0		8
18+ to 21+00	Lt. & Rt.	100'		8
63+65.5 to 64+29.5	Lt. & Rt.	Bridge Appr.		10
64+86.5 to 65+50.5	Lt. & Rt.	Bridge Appr.		10
79+ to 83+00	Lt.	100'		5
78+00 to 84+00	Rt.	100'		7
TOTALS:			40	171

o See spacing on Line Sheets

R.O.W. MARKERS

LOCATION		SIDE	NO.
T.S. S.T.	620 + 18.3 654 + 25.0	Lt. & Rt. Lt. & Rt.	2 2
S.C.	781 + 27.3	Lt. & Rt.	2
C.S.	797 + 50.0	Lt. & Rt.	2
TOTAL:			8

COUNTY S.H.No. 71 PROJ. S 0019 (3)

RIGHT OF WAY

[illegible]

R.O.W. TABULATION OF PROPERTIES IN Lincoln

COUNTY S.H.No. 71 PROJ. S 0019 (3)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	
9	COLORADO	S 0019 (3)	

RIGHT OF WAY

COUNTY S.H.No. 71 PROJ. S 0019 (3)											
PARCEL NO.		OWNER	ADDRESS	LOCATION	AREA IN ACRES			RIGHT OF WAY			
					TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED				
											REMARKS
				T.7 S., R.56 W.							
1		O. L. Fortner & Katherine S. Fortner	Limon, Colorado	S.E. 1/4 Sec. 2		1.121	0.147				
2		Boyd Huffman & Ann Huffman	Limon, Colorado	N.E. 1/4 Sec. 11		0.775	0.147				
3		Georgia Lee (Schnelle) Anderson	Limon, Colorado	S.W. 1/4 Sec. 12		0.029	0.029				
4		W.H. Newsom & Ollie E. Newsom	Lewis, Kansas	N.W. 1/4 Sec. 13		0.029	0.029				
5		W.H. Newsom	Lewis, Kansas	N.E. 1/4 Sec. 14		0.029	0.029				
6		Boyd Huffman & Ann Huffman	Limon, Colorado	S.E. 1/4 Sec. 11		0.029	0.029				
7		W.H. Newsom & Ollie E. Newsom	Lewis, Kansas	S.W. 1/4 Sec. 13		0.063	0.029				
8		Epworth Methodist Episcopal Church	Limon, Colorado	N.W. 1/4 Sec. 24		0.063	0.029				
9		W. H. Newsom & Ollie E. Newsom	Lewis, Kansas	S.W. 1/4 Sec. 23		6.230	6.230				
10		Merle Burgess	Limon, Colorado	N.W. 1/4 Sec. 26		0.029	0.029				
11		Merle Burgess	Limon, Colorado	N.E. 1/4 Sec. 27		0.029	0.029				
12		Ira W. Schnelle & Josephine C. Schnelle	Limon, Colorado	S.E. 1/4 Sec. 22		0.029	0.029				
13		W.H. Newsom & Ollie E. Newsom	Lewis, Kansas	S.W. 1/4 Sec. 23		0.029	0.029				
14		Merle Burgess	Limon, Colorado	N.W. 1/4 Sec. 27		0.029	0.029				
15		O.J. Malcom	Limon, Colorado	N.E. 1/4 Sec. 28		0.029	0.029				
16		Frances W. Carothers	Loveland, Colorado	S.E. 1/4 Sec. 21		0.029	0.029				
17		Ira W. Schnelle & Josephine C. Schnelle	Limon, Colorado	S.W. 1/4 Sec. 22		0.029	0.029				
18		O.J. Malcom	Limon, Colorado	N.W. 1/4 Sec. 28		2.805	2.805				

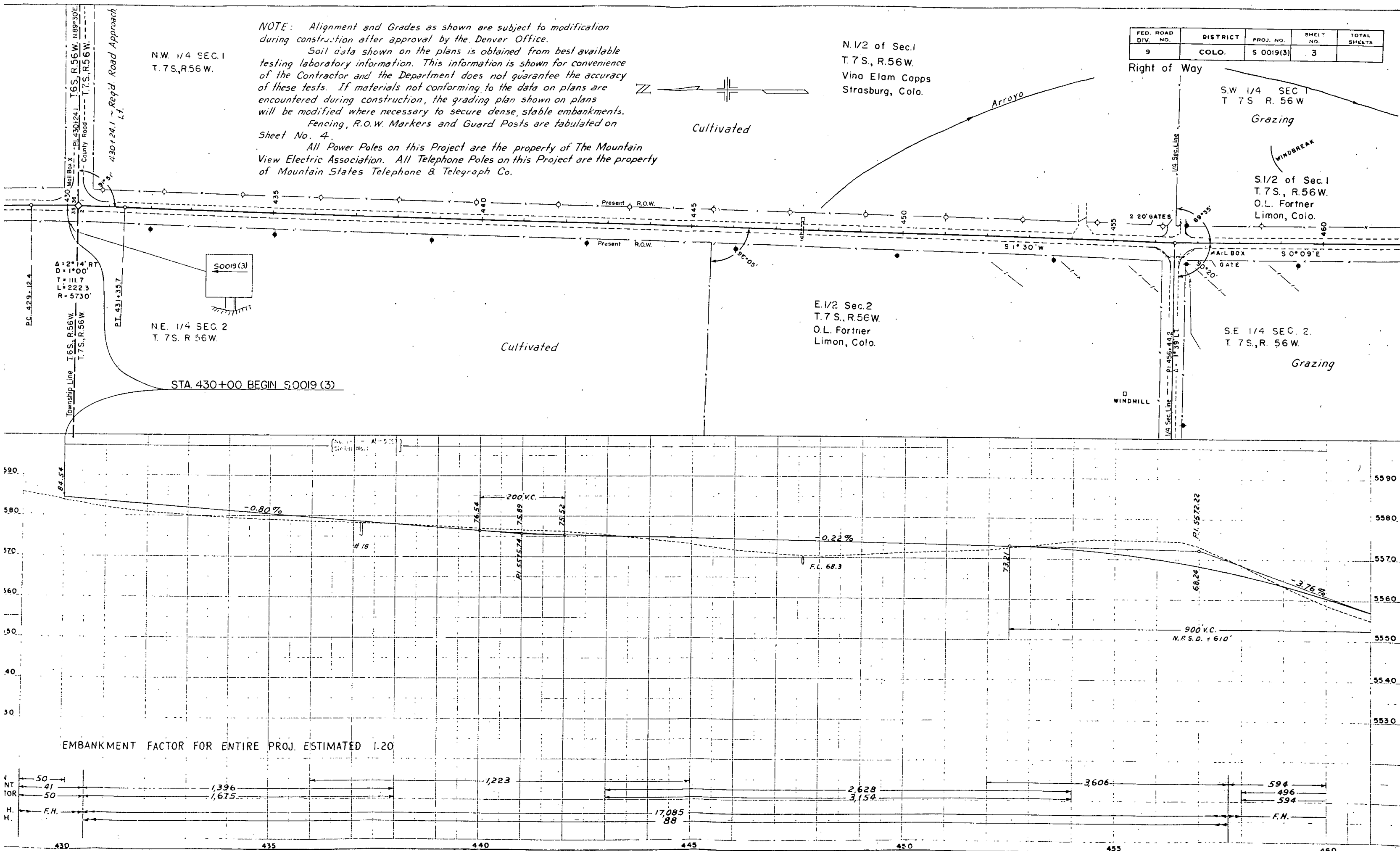
NOTE: Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

Fencing, R.O.W. Markers and Guard Posts are tabulated on Sheet No. 4.

All Power Poles on this Project are the property of The Mountain View Electric Association. All Telephone Poles on this Project are the property of Mountain States Telephone & Telegraph Co.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	5 0019(3)	3	



NOTE: Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

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FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOT. SHEET
9	COLO.	5 0019(3)	3	

Right of Way

S.W. 1/4 SEC. 1
T. 7 S. R. 56 W.

Grazing

S. 1/2 of Sec. 1
T. 7 S., R. 56 W.
O.L. Fortner
Limon, Colo.

S.E. 1/4 SEC. 2.
T. 7 S., R. 56 W.

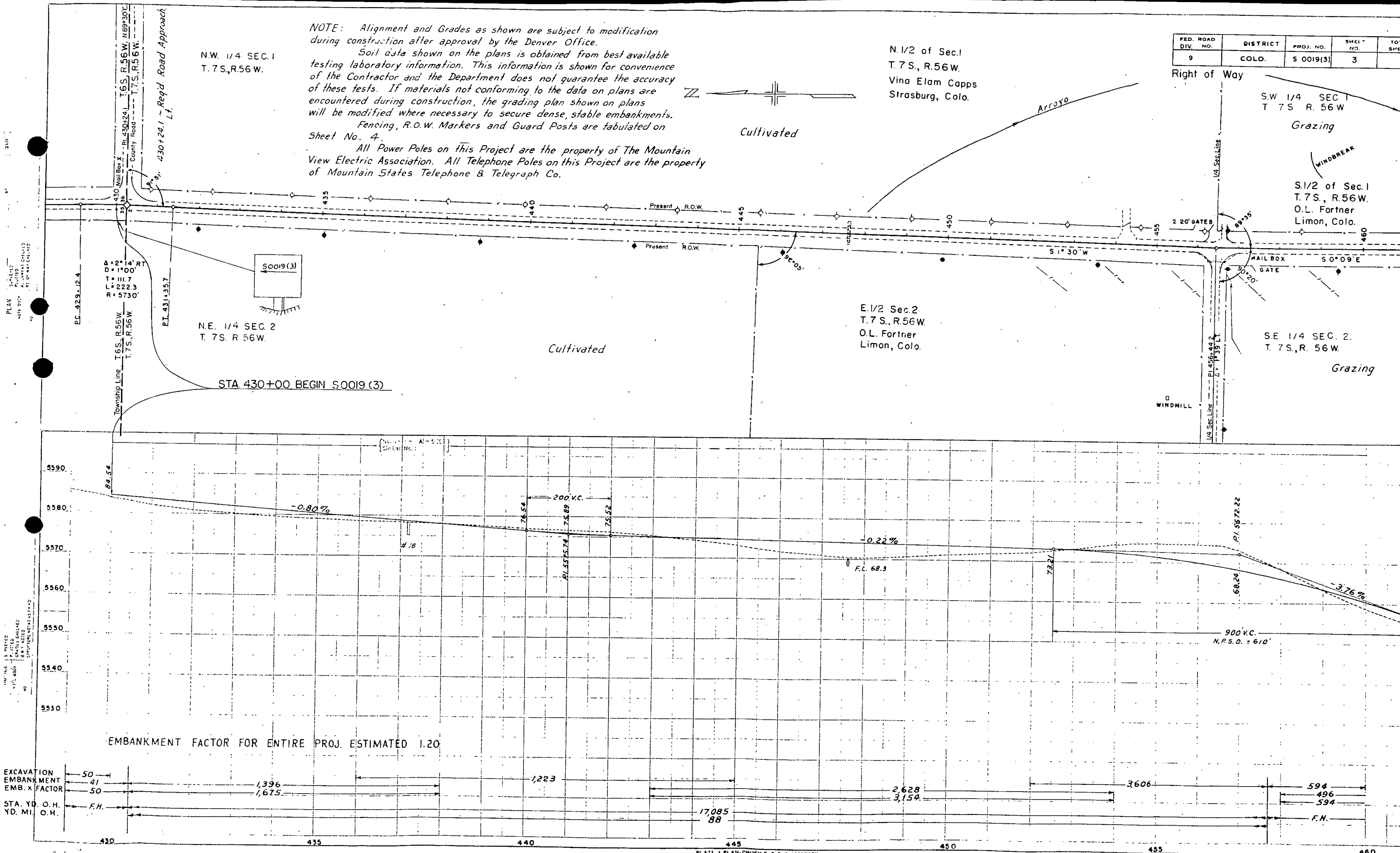
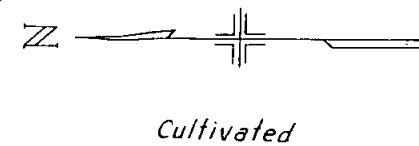
Grazing

N. 1/2 of Sec. 1
T. 7 S., R. 56 W.
Vina Elam Capps
Strasburg, Colo.

E. 1/2 Sec. 2
T. 7 S., R. 56 W.
O.L. Fortner
Limon, Colo.

N.W. 1/4 SEC. 1
T. 7 S., R. 56 W.

N.E. 1/4 SEC. 2
T. 7 S., R. 56 W.



S.1/2 of Sec.1
T.7 S., R.56 W.
O.L. Fortner
Limon, Colo.

S.W.1/4 Sec.1
T.7 S. R.56 W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	4	

Right of Way

N.W.1/4 Sec.12
T.7 S. R.56 W.

Grazing

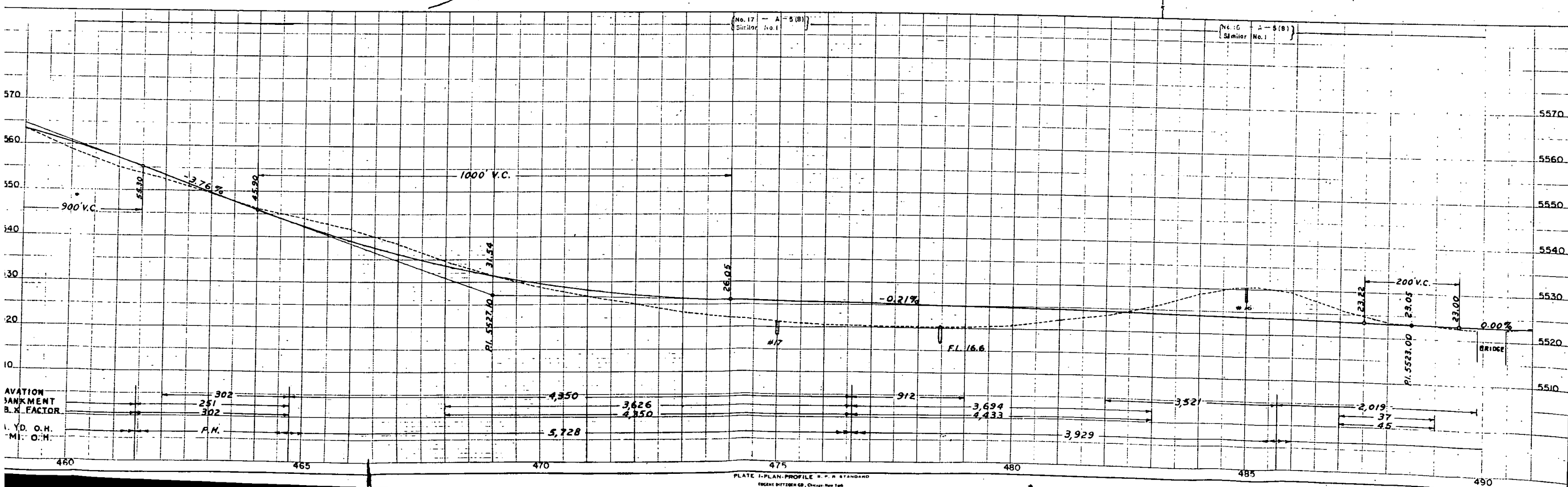
Windmill
P.L. 489+88.4
L: 50+05.8

① E.1/2 of Sec.2
T.7 S., R.56 W.
O.L. Fortner
Limon, Colo.

② All of Sec.11
T.7 S., R.56 W.
Boyd Huffman &
Ann Huffman

N.E.1/4 Sec.11
T.7 S. R.56 W.

S.E.1/4 Sec.2
T.7 S. R.56 W.



S.1/2 of Sec.1
T.7 S., R.56 W.
O.L. Fortner
Limon, Colo.

S.W.1/4 Sec.1
T.7 S. R.56 W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	5 0019(3)	4

Right of Way

N.W.1/4 Sec.12
T.7 S. R.56 W.

Grazing

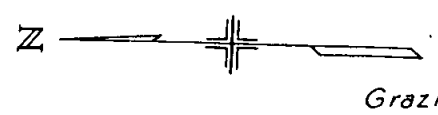
Windmill
P.L. 489+88.4
Z=0°05'30"

① E.1/2 of Sec.2
T.7 S., R.56 W.
O.L. Fortner
Limon, Colo.

② All of Sec.11
T.7 S., R.56 W.
Boyd Huffman
Ann Huffman

N.E.1/4 Sec.11
T.7 S. R.56 W.

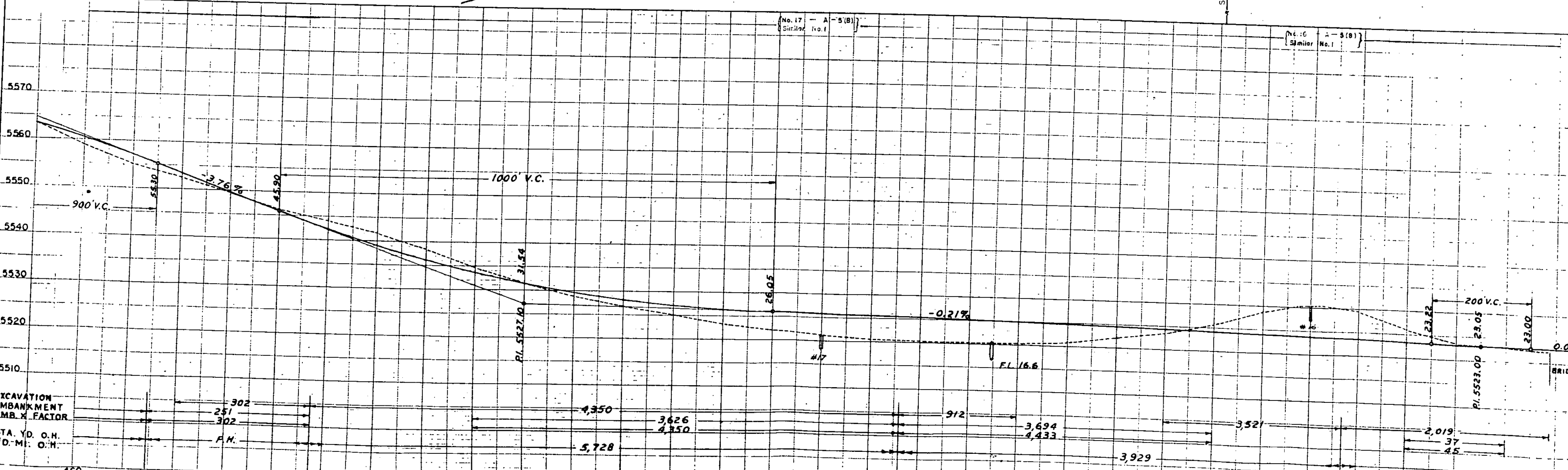
S.E.1/4 Sec.2
T.7 S. R.56 W.



Grazing

Grazing

Grazing



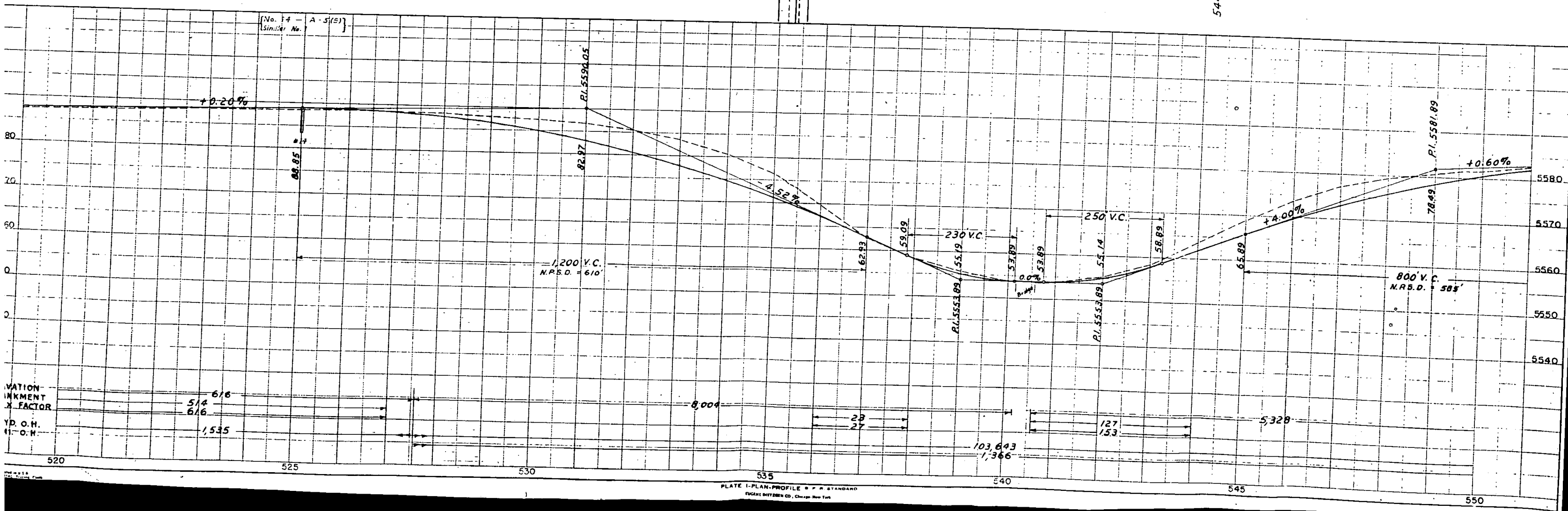
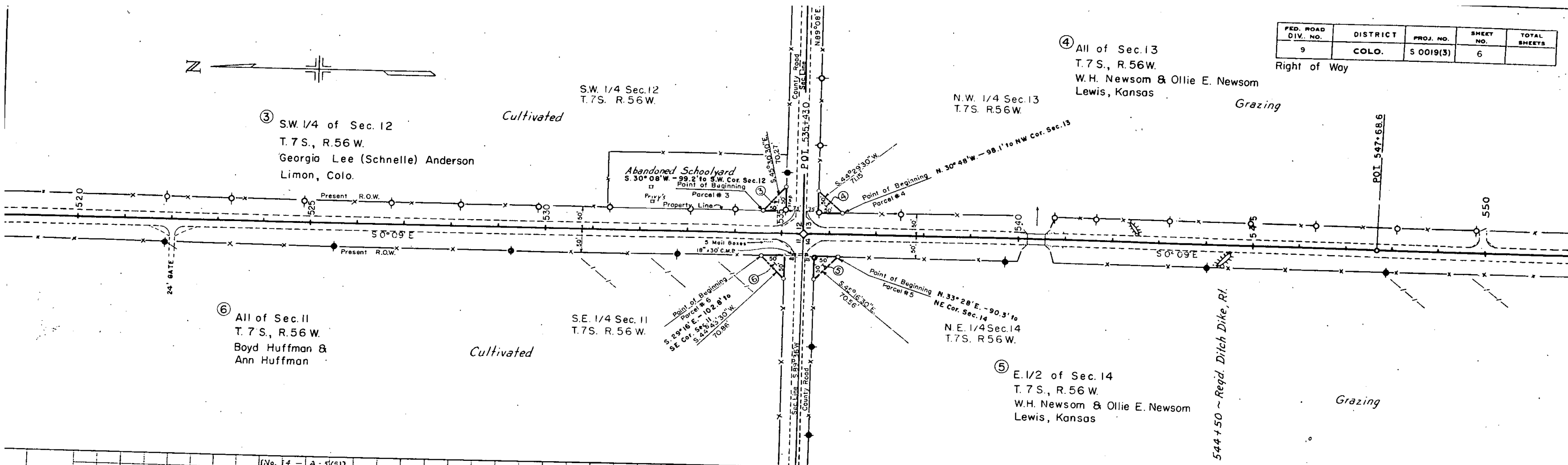
PLAN
LIMITED
NOTES
NO. 1

PROFILE
LIMITED
NOTES
NO. 1

EXCAVATION
EMBANKMENT
EMB. N. FACTOR
STA. YD. O.H.
YD. MI. O.H.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	6	

Right of Way



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TO SHEET
9	COLO.	S 0019(3)	6	5

Right of Way

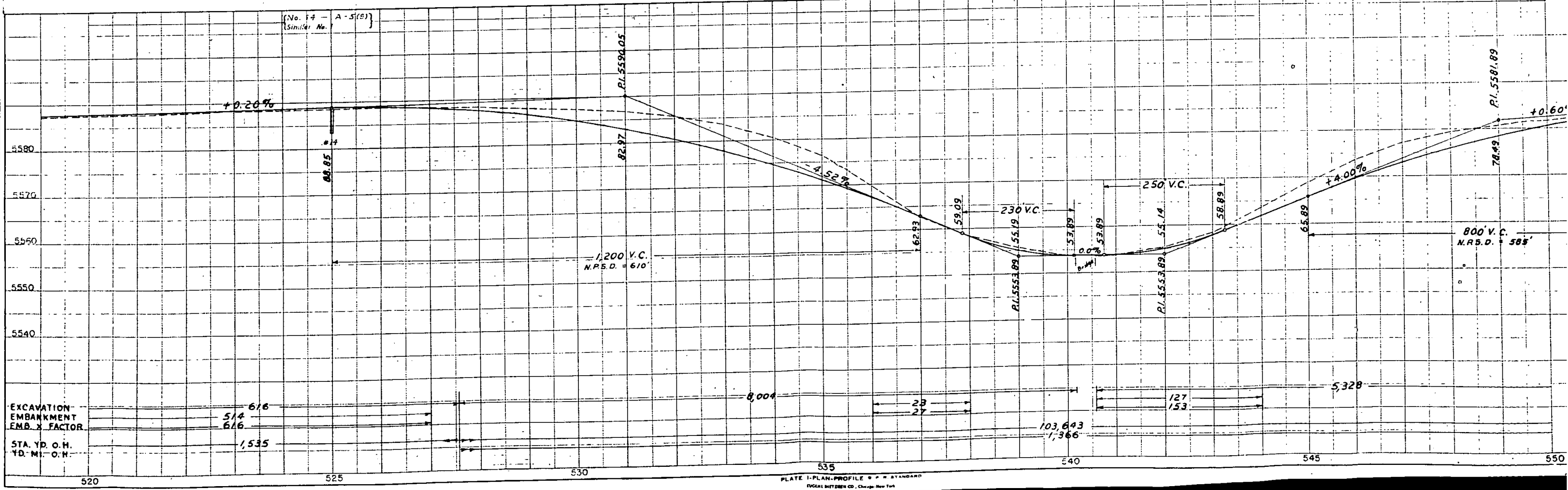
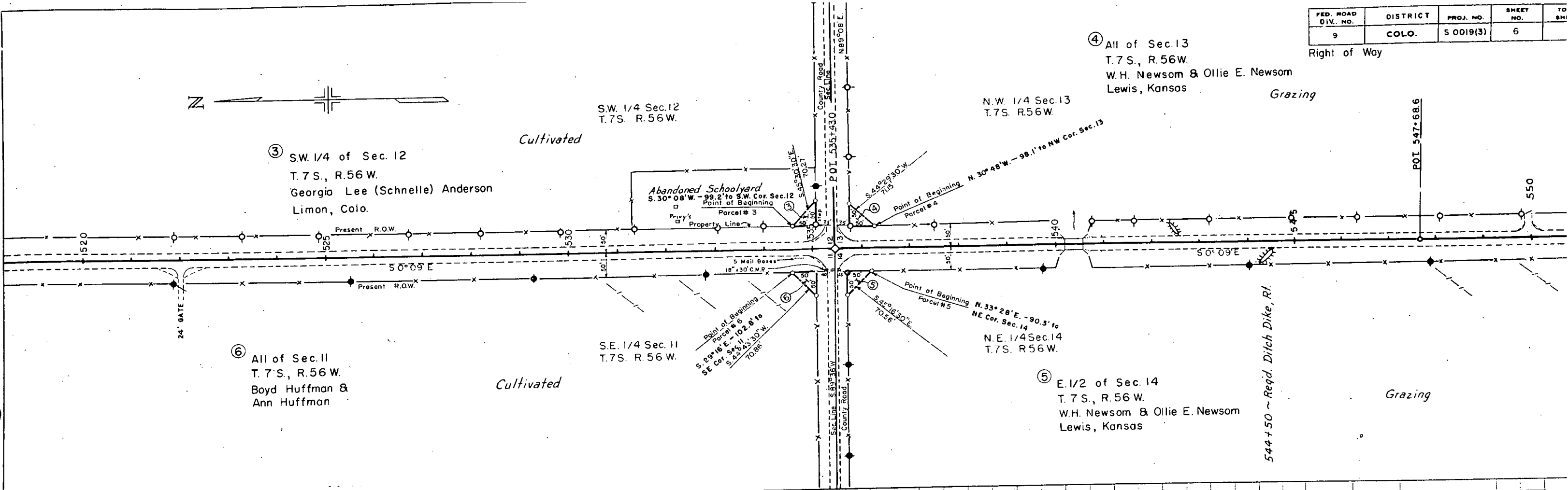


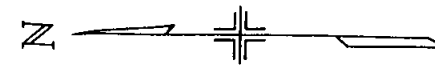
PLATE 1-PLAN-PROFILE R.P. STANDARD
FUGAL BROTHERS CO., Chicago, New York

N.W. 1/4 Sec. 13
T. 7 S. R. 56 W.
Grazing

S.W. 1/4 Sec. 13
T. 7 S. R. 56 W.
Cultivated

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	7	

Right of Way

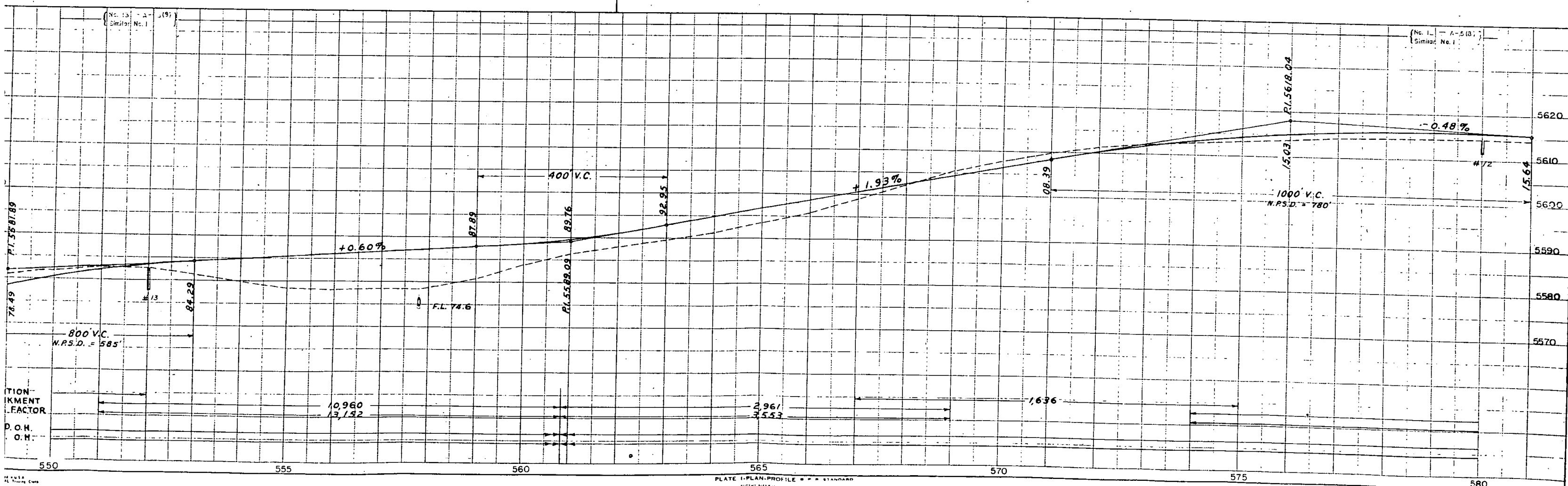


All of Sec. 13
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

E. 1/2 of Sec. 14
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

S. E. 1/4 Sec. 14
T. 7 S. R. 56 W.

Cultivated



N.W. 1/4 Sec. 13
T. 7 S. R. 56 W.
Grazing

S.W. 1/4 Sec. 13
T. 7 S. R. 56 W.
Cultivated

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	5 0019(3)	7

Right of Way

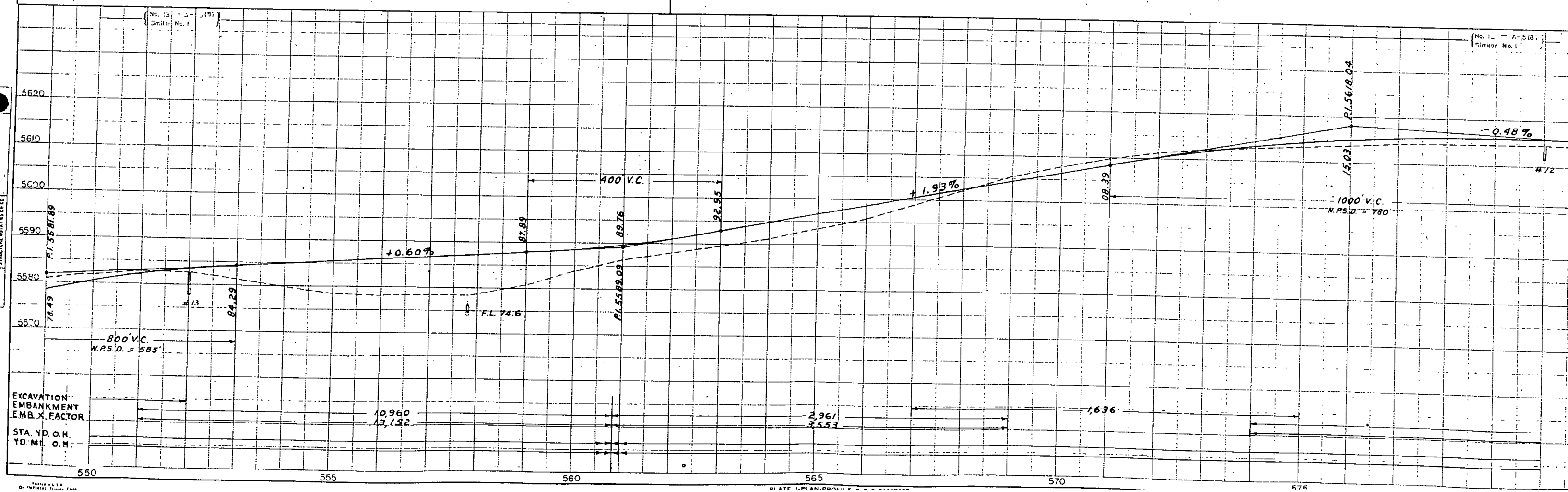
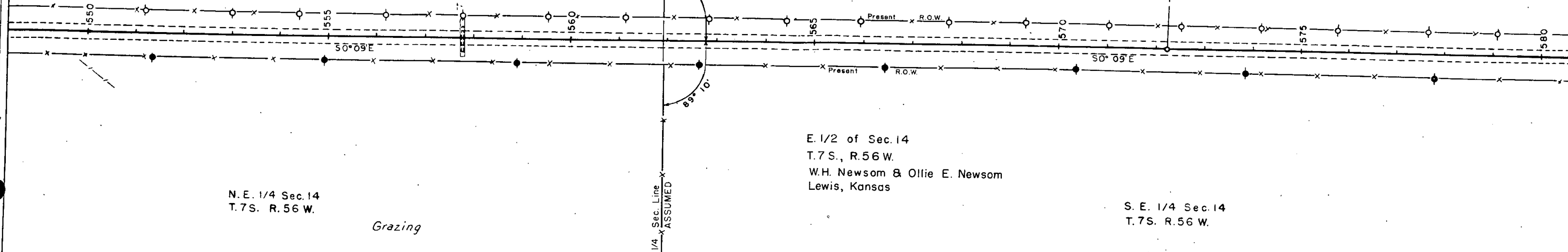


All of Sec. 13
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

E. 1/2 of Sec. 14
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

S.E. 1/4 Sec. 14
T. 7 S. R. 56 W.
Cultivated

N.E. 1/4 Sec. 14
T. 7 S. R. 56 W.
Grazing



EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. O.H.
YD. MI. O.H.

⑦ All of Sec. 13
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

S.W. 1/4 Sec. 13
T. 7 S. R. 56 W.

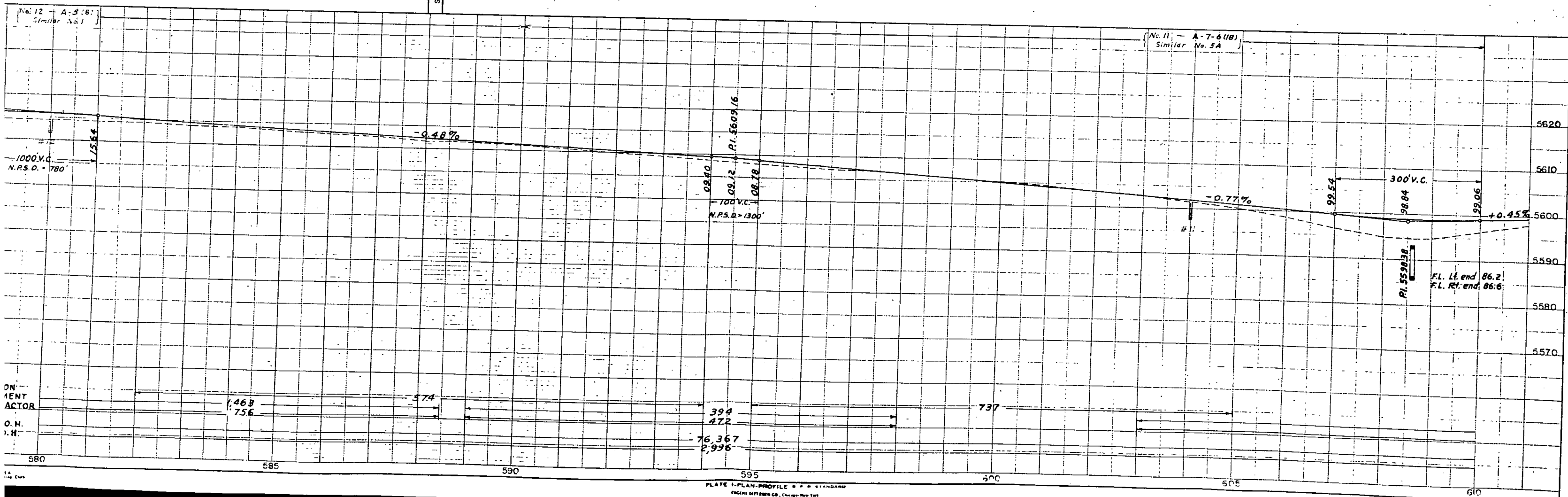
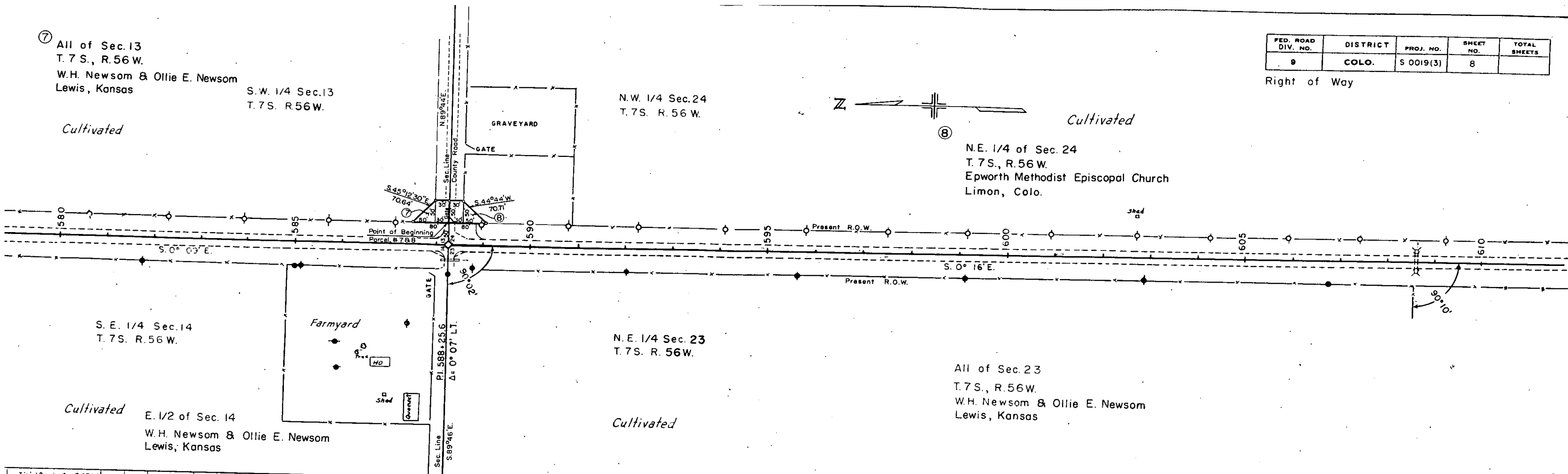
N.W. 1/4 Sec. 24
T. 7 S. R. 56 W.

N.E. 1/4 of Sec. 24
T. 7 S., R. 56 W.
Epworth Methodist Episcopal Church
Limon, Colo.

All of Sec. 23
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	8	

Right of Way



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	8

Right of Way

⑦ All of Sec. 13
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

S.W. 1/4 Sec. 13
T. 7 S., R. 56 W.

N.W. 1/4 Sec. 24
T. 7 S., R. 56 W.

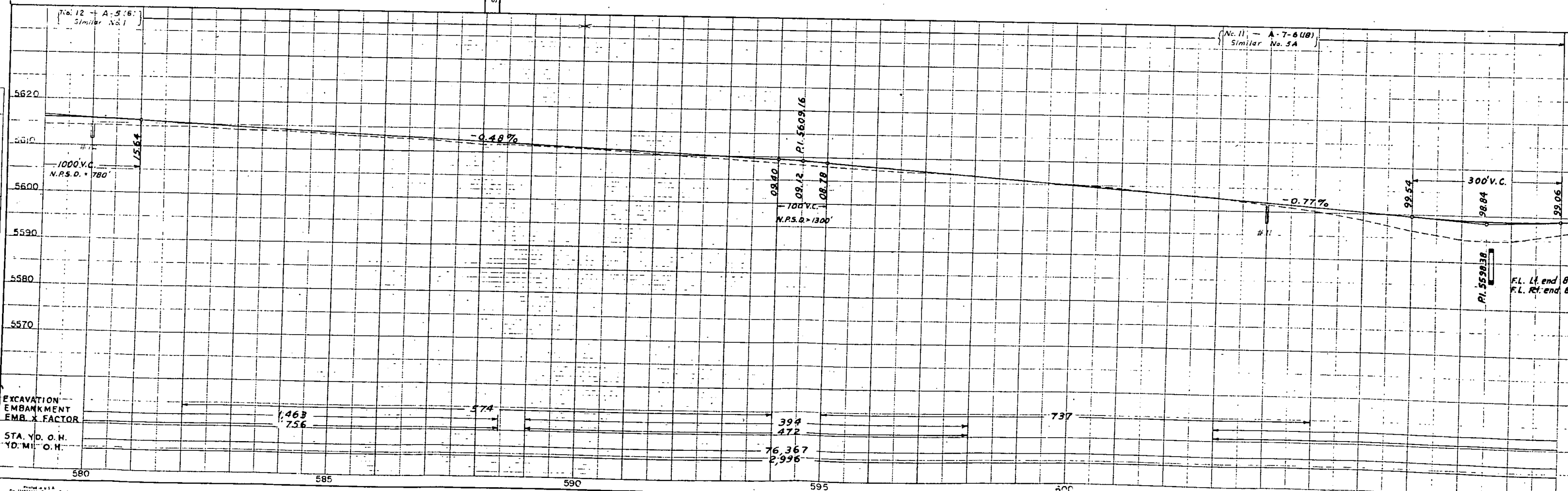
N.E. 1/4 of Sec. 24
T. 7 S., R. 56 W.
Epworth Methodist Episcopal Church
Limon, Colo.

N.E. 1/4 Sec. 23
T. 7 S., R. 56 W.

S.E. 1/4 Sec. 14
T. 7 S., R. 56 W.

E. 1/2 of Sec. 14
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

All of Sec. 23
T. 7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas



EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. O.H.
YD. MI. O.H.

Printed 4-13-64
D. J. IMPERIAL, TRADING CO.

N.W. 1/4 Sec. 24
T.7S. R. 56W.

S.W. 1/4 of Sec. 24
T.7S., R.56W.

S.W. 1/4 Sec. 24
T.7S., R.56W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	9	

Right of Way

N.W. 1/4 of Sec. 24
T.7S., R.56W.
Epworth Methodist Episcopal Church
Limon, Colo.

N.E. 1/4 Sec. 23
T.7S. R. 56W.

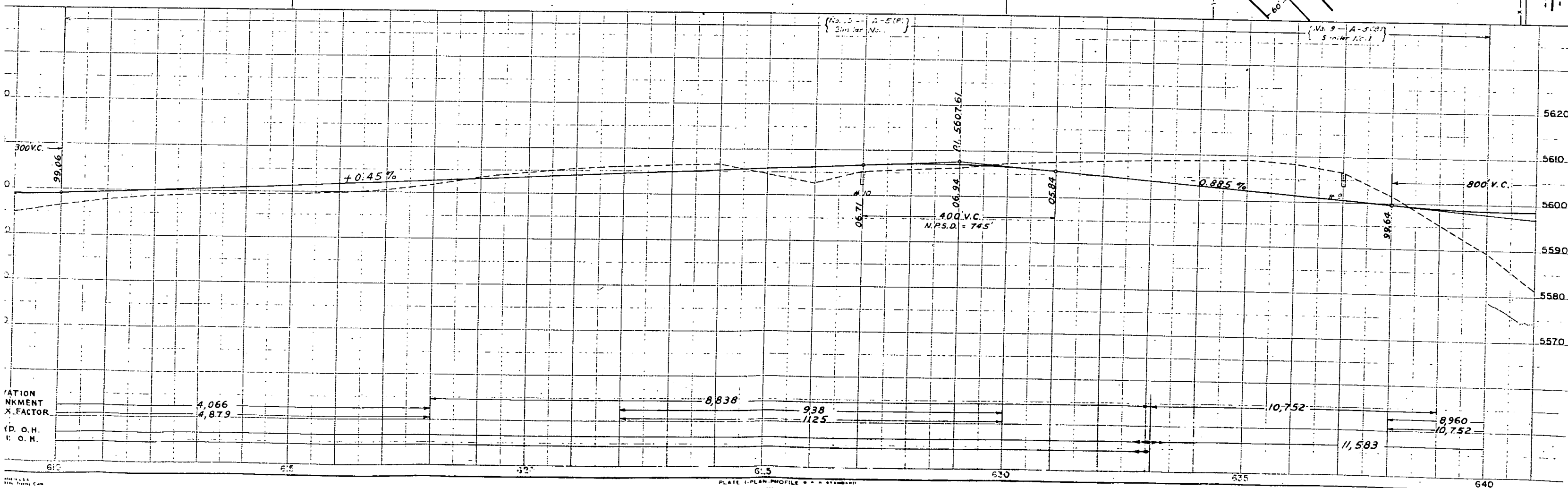
S. 1°32'45" E. - 2238.9'
to SE Cor. Sec. 23
Point of Beginning
Parcel #9

⑨ All of Sec. 23
T.7S., R.56W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

θs = 6°00'
Ls = 400'
St = 133.5
Lt = 266.8

Δ = 90°12' Rt
Ts = 2120.0'
Δc = 78°12'
Dc = 3°00'
Tc = 1552.2'
Lc = 2606.7
R = 1910.0'
H.S.D. = 920.0'

S.E. 1/4 Sec. 23
T.7S. R. 56W.
Grazing



ATION
NKMENT
X-FACTOR
D. O.H.
O.H.

N.W. 1/4 Sec. 24
T.7 S. R. 56 W.

S.W. 1/4 of Sec. 24
T.7 S., R. 56 W.

S.W. 1/4 Sec. 24
T.7 S., R. 56 W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	9

Right of Way

N.W. 1/4 of Sec. 24
T.7 S., R. 56 W.
Epworth Methodist Episcopal Church
Limon, Colo.



S. 1° 32' 45" E. - 2238.9'
to SE Cor. Sec. 23
Point of Beginning
Parcel # 9

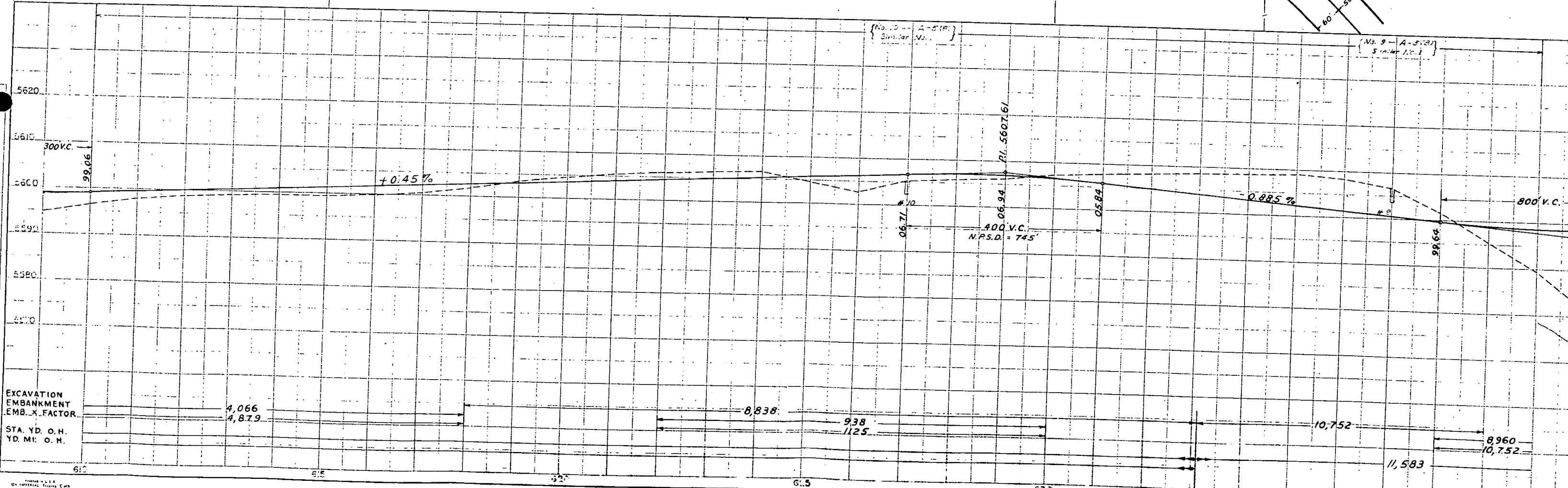
⑨ All of Sec. 23
T.7 S., R. 56 W.
W.H. Newsom & Ollie E. Newsom
Lewis, Kansas

θs = 6° 00'
Ls = 400'
St = 133.5
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Δ = 90° 12' Rt
Ts = 2120.0'
Δc = 78° 12'
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Tc = 1552.2'
Lc = 2606.7
R = 1910.0'
H.S.D. = 920.0'

N.E. 1/4 Sec. 23
T.7 S. R. 56 W.

S.E. 1/4 Sec. 23
T.7 S. R. 56 W.
Grazing



N.W. 1/4 Sec. 25
T. 7S. R. 56W.

N.E. 1/4 Sec. 26
T. 7S. R. 56W.
Cultivated

N.E. 1/4 of Sec. 26
T. 7S., R. 56W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	5 0019 (3)	10	

Right of Way

Cultivated

S.W. 1/4 Sec. 24
T. 7S. R. 56W.
Cultivated

S.W. 1/4 of Sec. 24
T. 7S., R. 56W.

Grazing

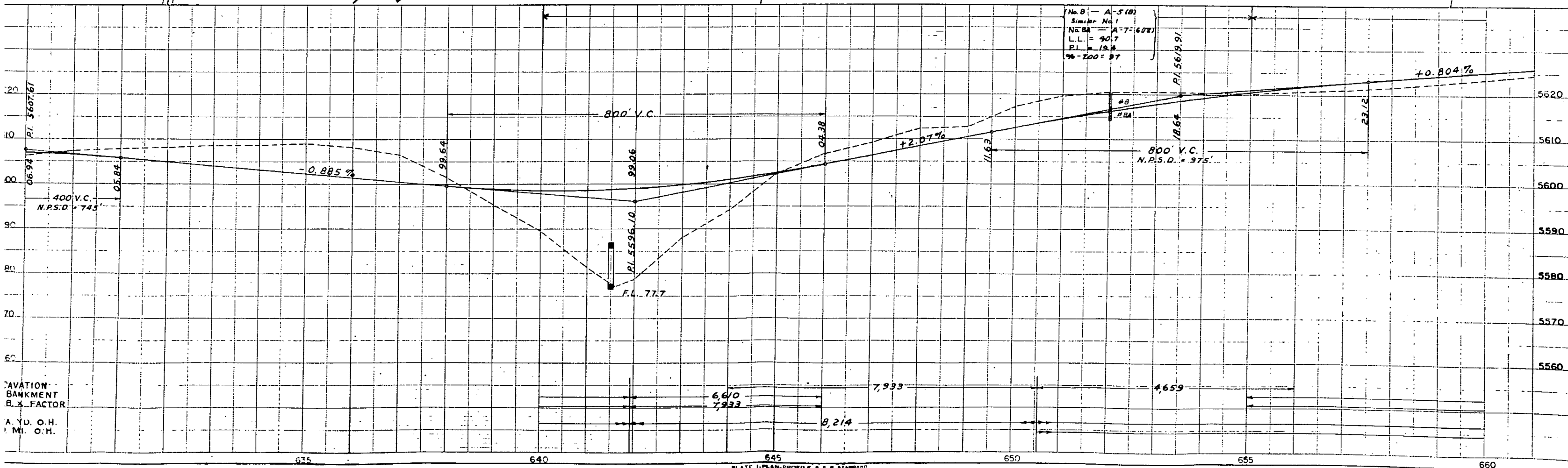
$A = 90^\circ 12' 12''$
 $T_s = 2120.0'$
 $A_c = 78^\circ 12'$
 $D_c = 3500'$
 $L_c = 15622'$
 $R_c = 19100'$
 $H.S.D. = 920'$

Grazing

S.E. 1/4 Sec. 23
T. 7S. R. 56W.

Cultivated

⑨ All of Sec. 23
T. 7S., R. 56W.
W.H. Newsom &
Ollie E. Newsom
Lewis, Kansas



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	11

⑩ N.W. 1/4 Sec. 26
T. 7 S., R. 56 W.
Merle Burgess
Limon, Colo.

N.W. 1/4 Sec. 26
T. 7 S. R. 56 W.
Cultivated

N.E. 1/4 Sec. 27
T. 7 S. R. 56 W.

⑬ All of Sec. 23
T. 7 S., R. 56 W.
W. H. Newsom & Ollie E. Newsom
Lewis, Kansas

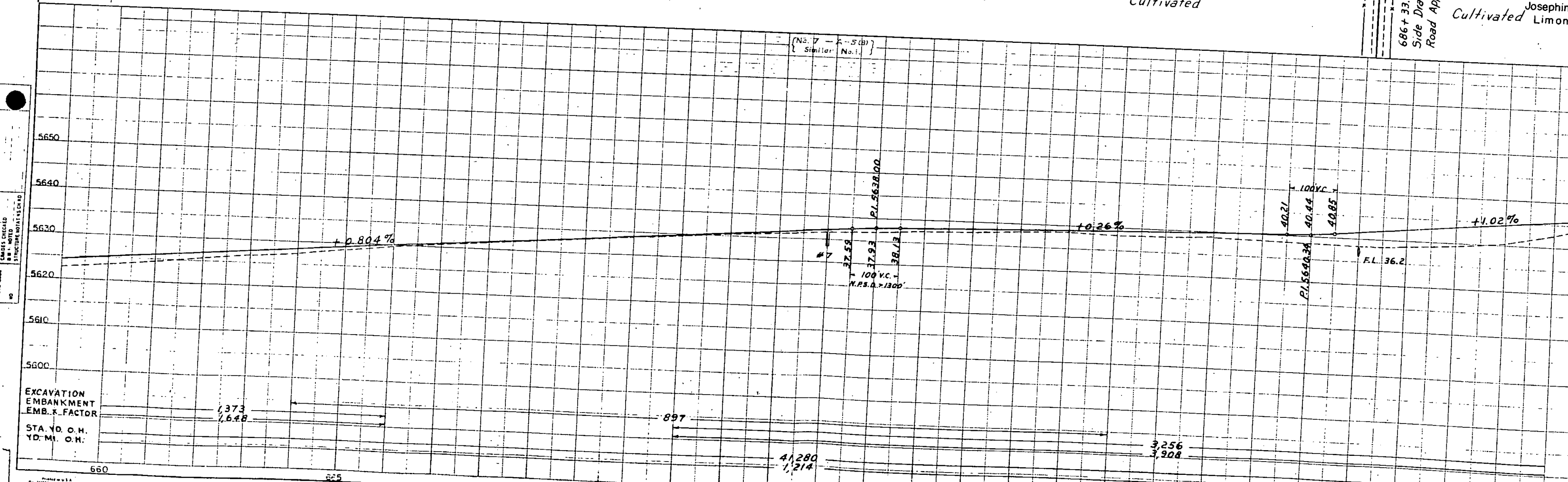
S.W. 1/4 Sec. 23
T. 7 S. R. 56 W.

⑫ All of S.E. 1/4 Sec. 22
T. 7 S. R. 56 W.
Ira W. Josephine
Limon, Colo.

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EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. O.H.
YD. MI. O.H.



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	12	

Right of Way

N.E. 1/4 Sec. 27
T. 7 S. R. 56 W.
Cultivated

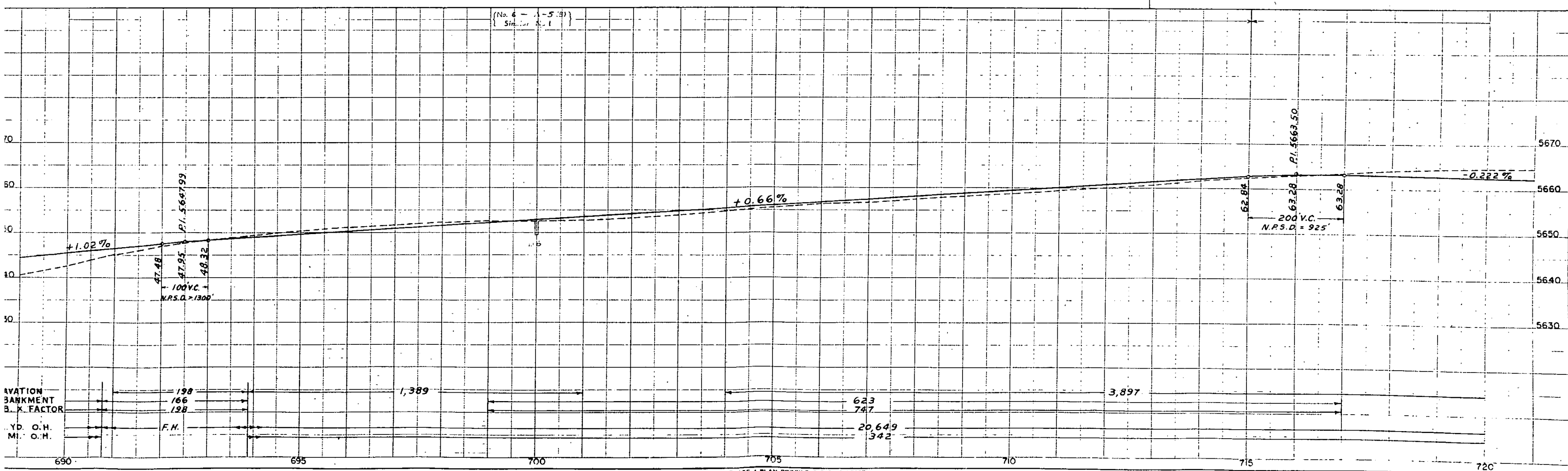
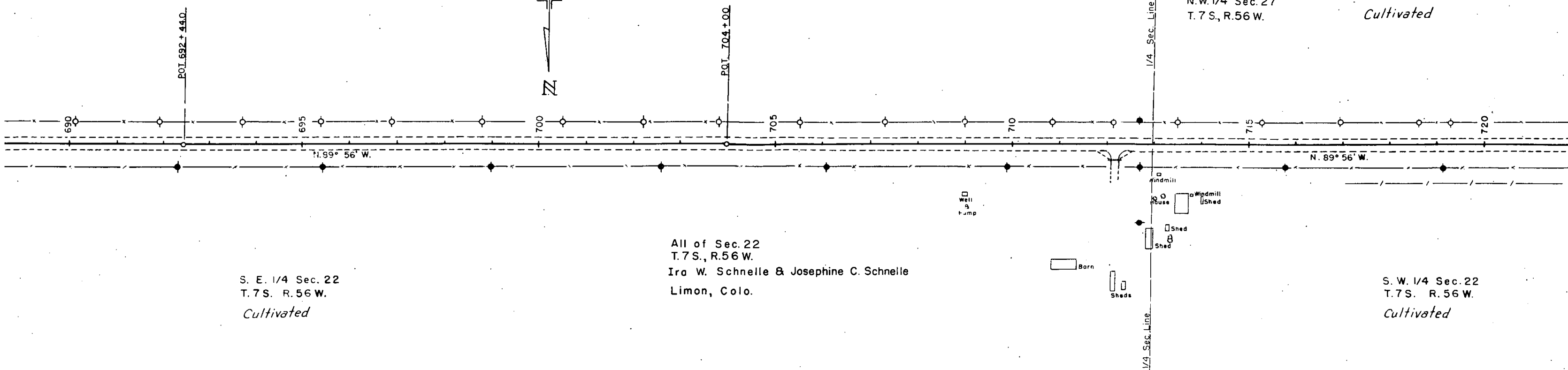
All of Sec. 27
T. 7 S., R. 56 W.
Merle Burgess
Limon, Colo.

N.W. 1/4 Sec. 27
T. 7 S., R. 56 W.
Cultivated

S. E. 1/4 Sec. 22
T. 7 S. R. 56 W.
Cultivated

All of Sec. 22
T. 7 S., R. 56 W.
Ira W. Schnelle & Josephine C. Schnelle
Limon, Colo.

S. W. 1/4 Sec. 22
T. 7 S. R. 56 W.
Cultivated



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	12

Right of Way

N.E. 1/4 Sec. 27
T. 7 S. R. 56 W.
Cultivated

All of Sec. 27
T. 7 S., R. 56 W.
Merle Burgess
Limon, Colo.

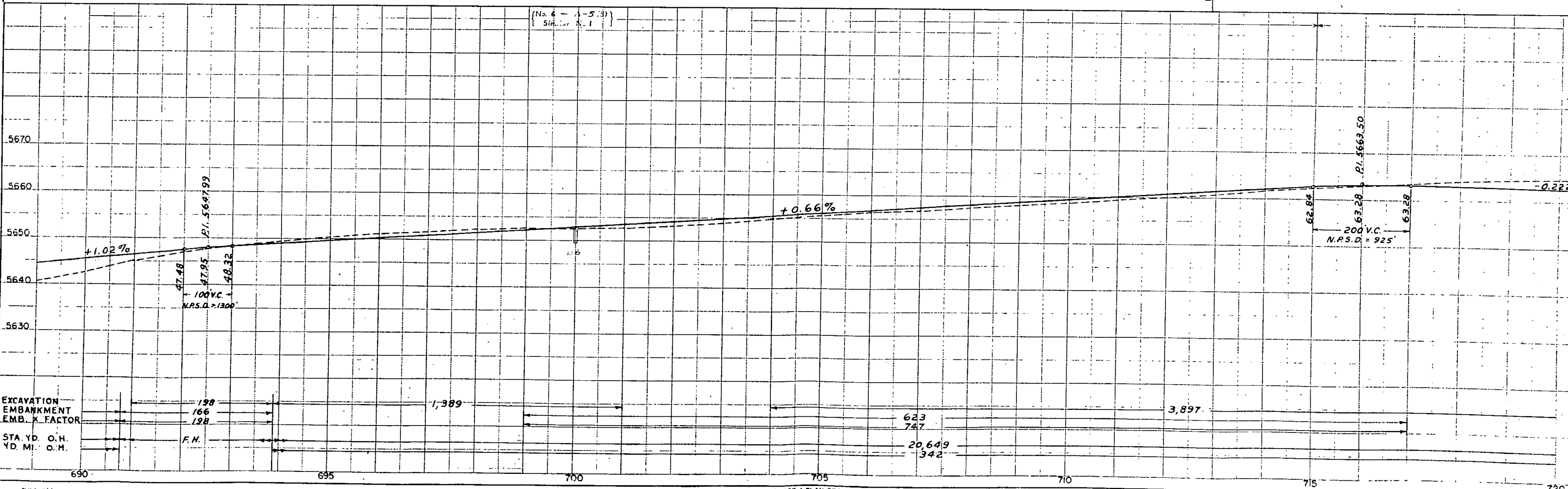
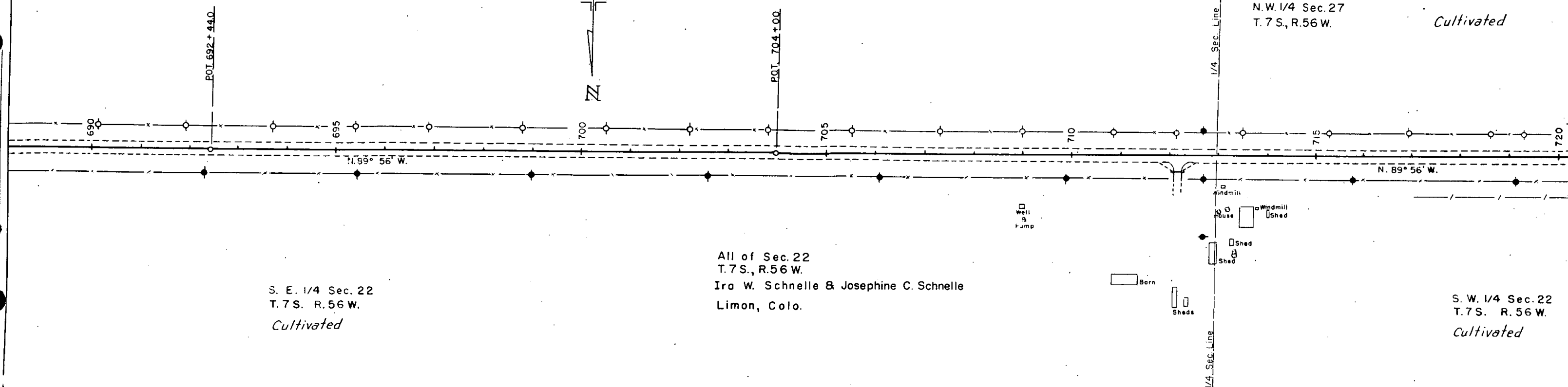
N.W. 1/4 Sec. 27
T. 7 S., R. 56 W.

Cultivated

S. E. 1/4 Sec. 22
T. 7 S. R. 56 W.
Cultivated

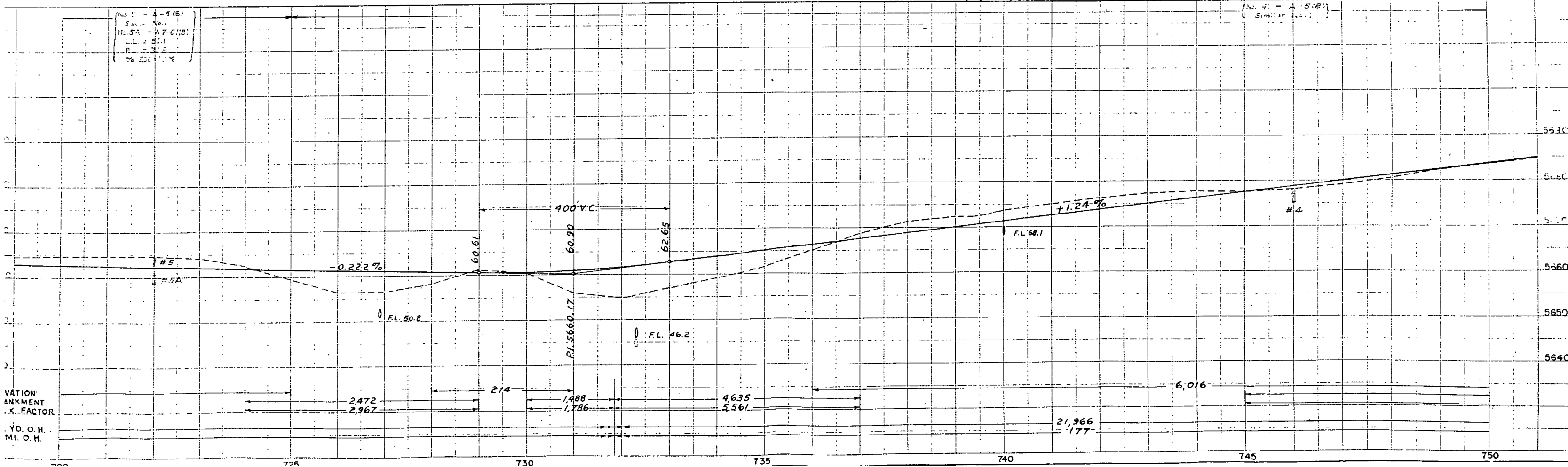
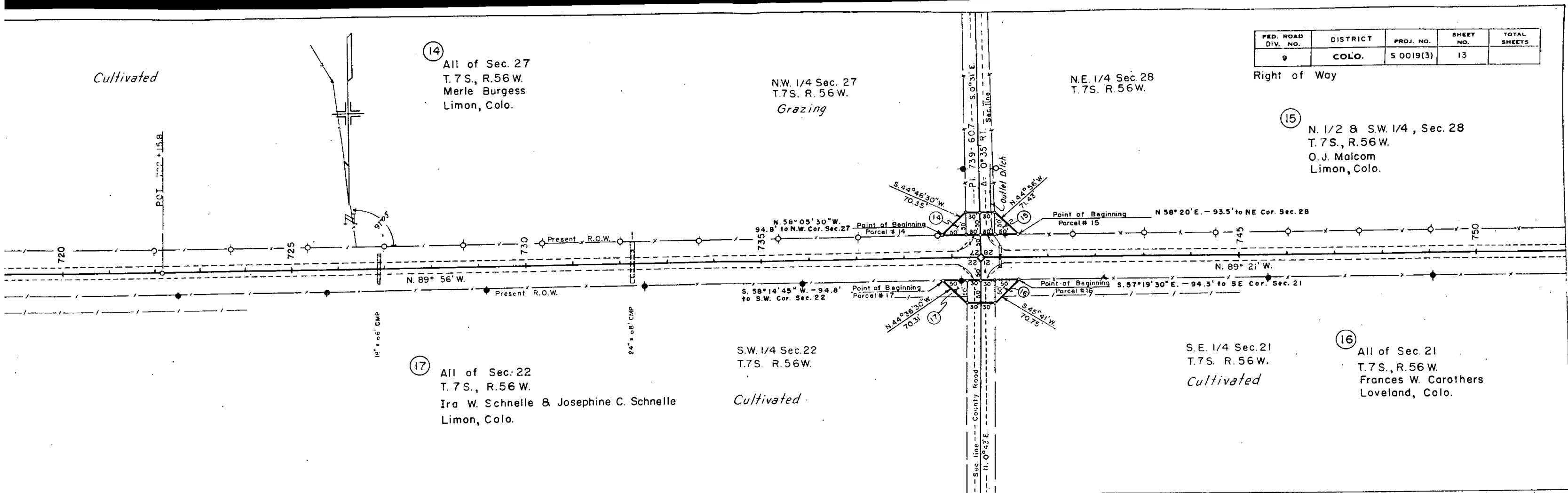
All of Sec. 22
T. 7 S., R. 56 W.
Ira W. Schnelle & Josephine C. Schnelle
Limon, Colo.

S. W. 1/4 Sec. 22
T. 7 S. R. 56 W.
Cultivated



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	13	

Right of Way



ADJUSTMENT
X. FACTOR
Y.D. O.H.
M.I. O.H.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	13

Right of Way

15 N. 1/2 8 S.W. 1/4, Sec. 28
T. 7 S., R. 56 W.
O. J. Malcom
Limon, Colo.

N.E. 1/4 Sec. 28
T. 7S. R. 56W.

N.W. 1/4 Sec. 27
T.7S. R. 56W.
Grazing

14 All of Sec. 27
T. 7 S., R. 56 W.
Merle Burgess
Limon, Colo.

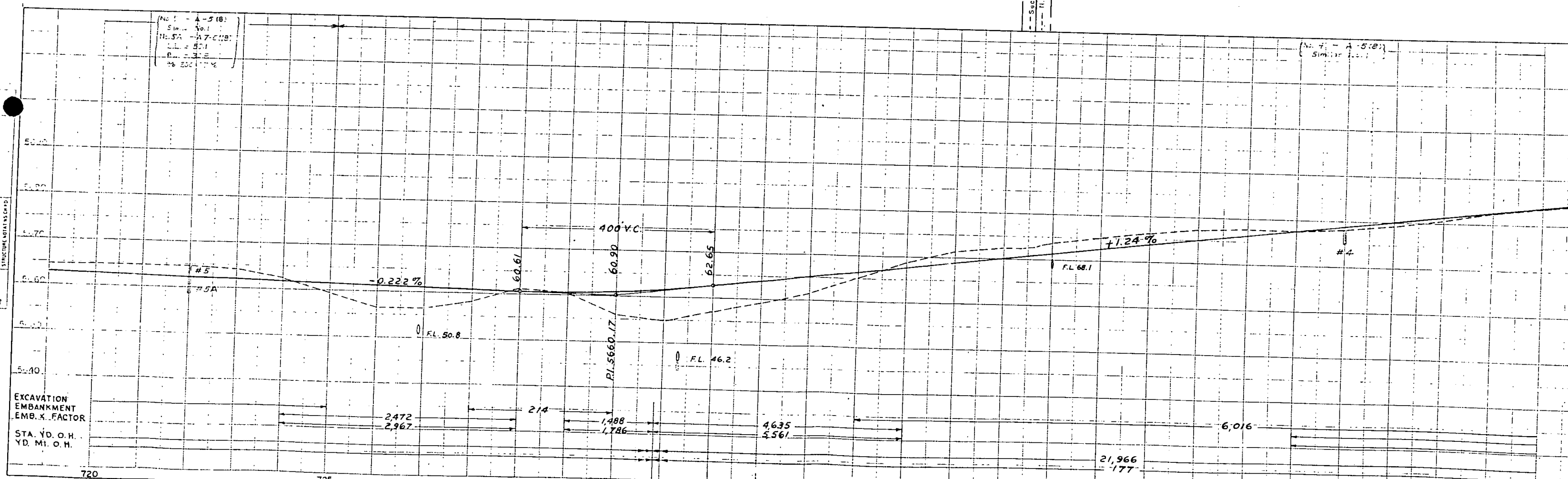
Cultivated

S.W. 1/4 Sec. 22
T. 7 S. R. 56 W.

(17) All of Sec. 22
T. 7 S., R. 56 W.
Ira W. Schnelle & Josephine C. Schnelle
Limon, Colo.

S.E. 1/4 Sec. 21
T. 7 S. R. 56 W.
Cultivated

①6 All of Sec. 21
T. 7 S., R. 56 W.
Frances W. Carothers
Loveland, Colo.



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	5 0019(3)	14	

Right of Way

N.W. 1/4 Sec. 28
T. 7S. R. 56 W.

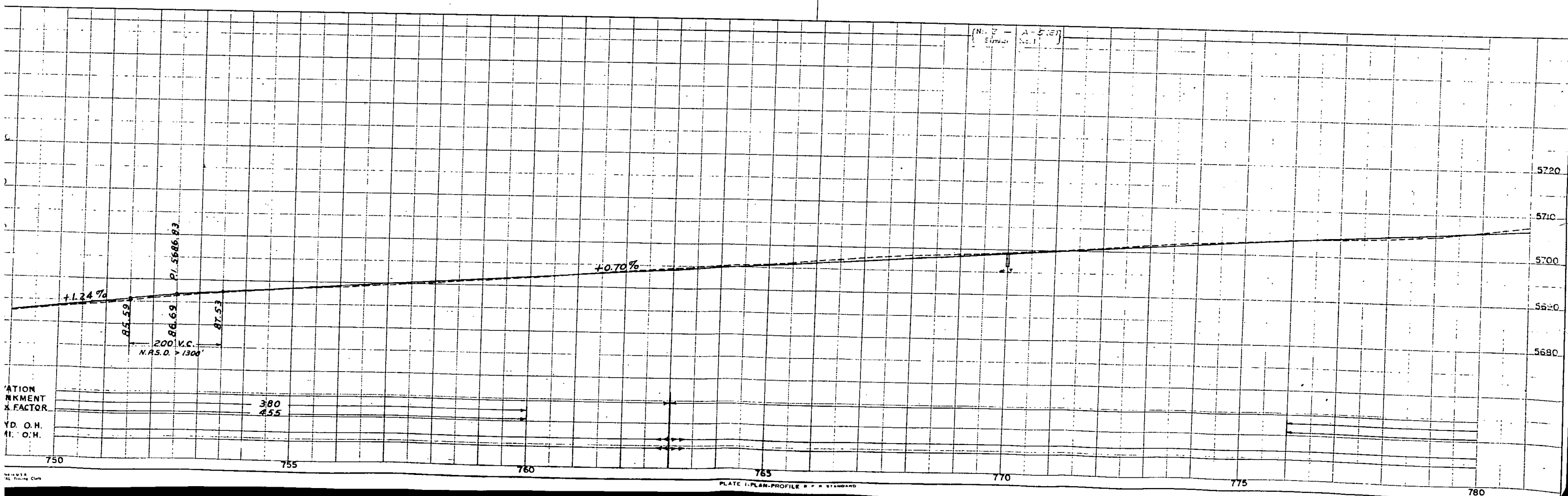
S.W. 1/4 Sec. 21
T. 7S. R. 56 W.

N.E. 1/4 Sec. 28
T. 7S. R. 56 W.

N. 1/2 & S.W. 1/4, Sec. 28
T. 7S., R. 56 W.
O.J. Malcom
Limon, Colo.

All of Sec. 21
T. 7S., R. 56 W.
Frances W. Carothers

S.E. 1/4 Sec. 21
T. 7S. R. 56 W.



Right of WayI.S. 779 + 27.3

N. 1/2 & S.W. 1/4, Sec. 28
T. 7 S., R. 56 W.
O.J. Malcom
Limon, Colo.

S.W. 1/4 Sec. 21
T. 7S. R. 56W.

S.E. 1/4 Sec. 21
T. 7 S. R. 56 W.

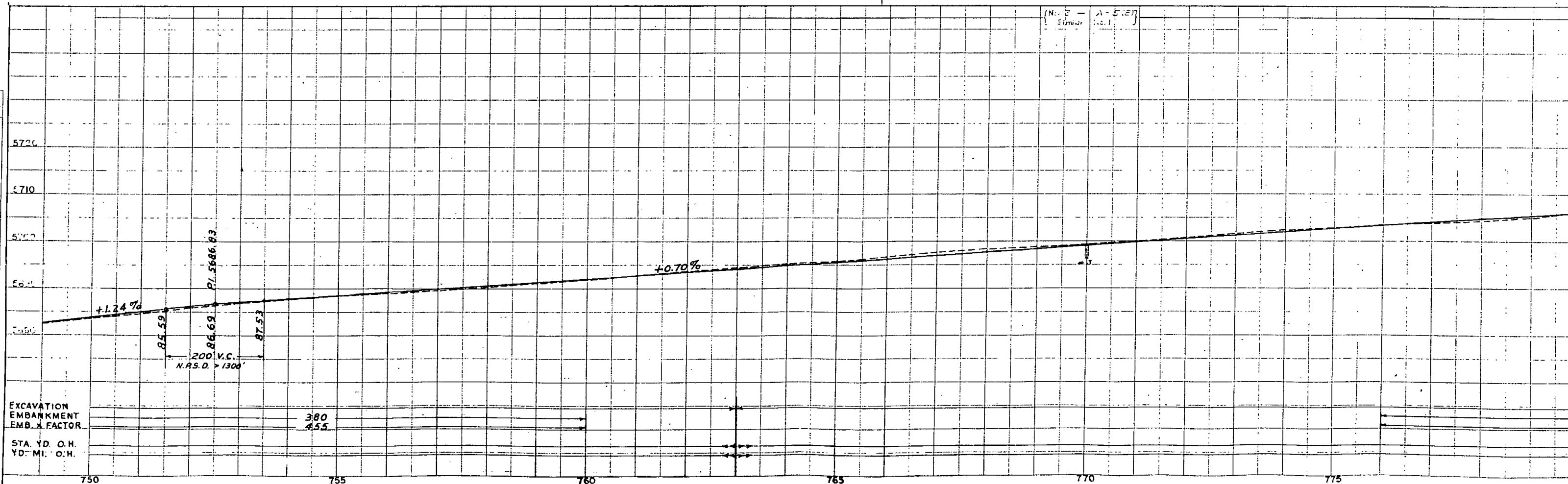
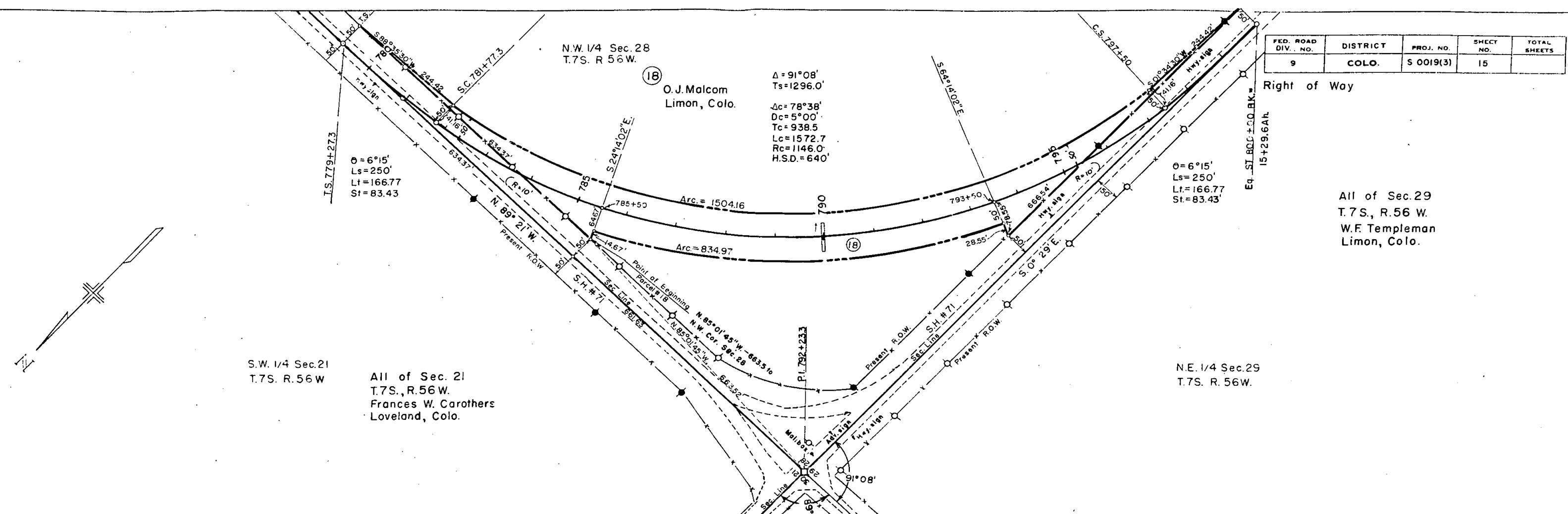


PLATE I-PLAN-PROFILE R R R STANDARD



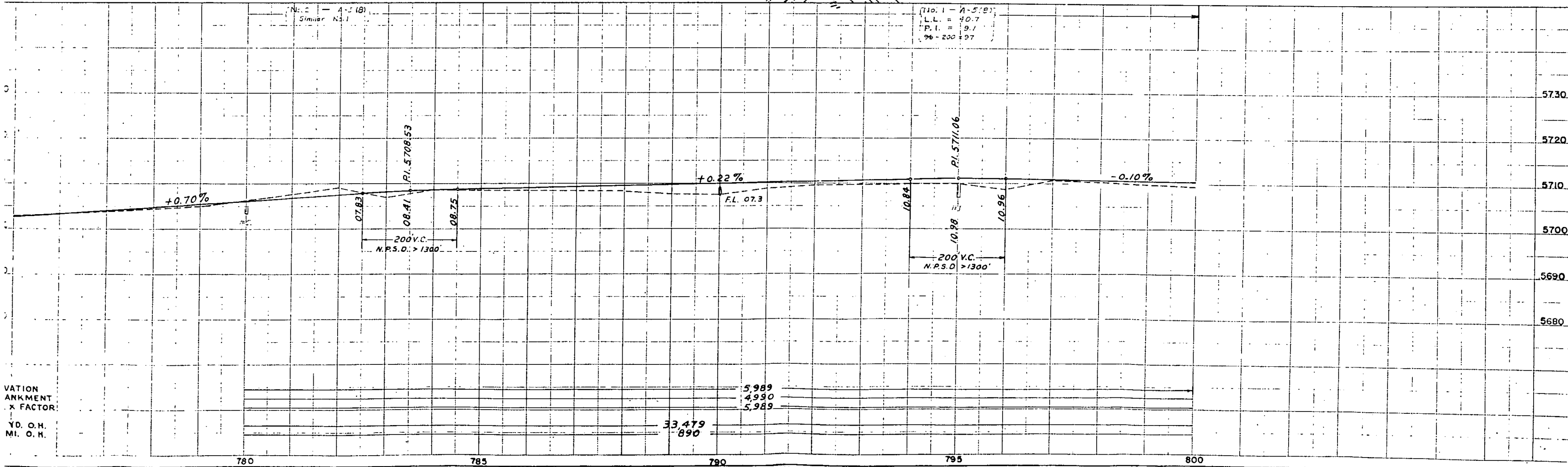
FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	15	

Right of Way

All of Sec. 29
T.7S., R.56 W.
W.F. Templeman
Limon, Colo.

S.W. 1/4 Sec. 21
T.7S. R.56 W.
All of Sec. 21
T.7S., R.56 W.
Frances W. Carothers
Loveland, Colo.

N.E. 1/4 Sec. 29
T.7S. R. 56W.



VARIATION
ANALYSIS
X FACTOR
Y.O. O.H.
M.I. O.H.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	15

Right of Way

All of Sec. 29
T. 7S., R. 56 W.
W.F. Templeman
Limon, Colo.

N.E. 1/4 Sec. 29
T. 7S. R. 56 W.

N.W. 1/4 Sec. 28
T. 7S. R. 56 W.

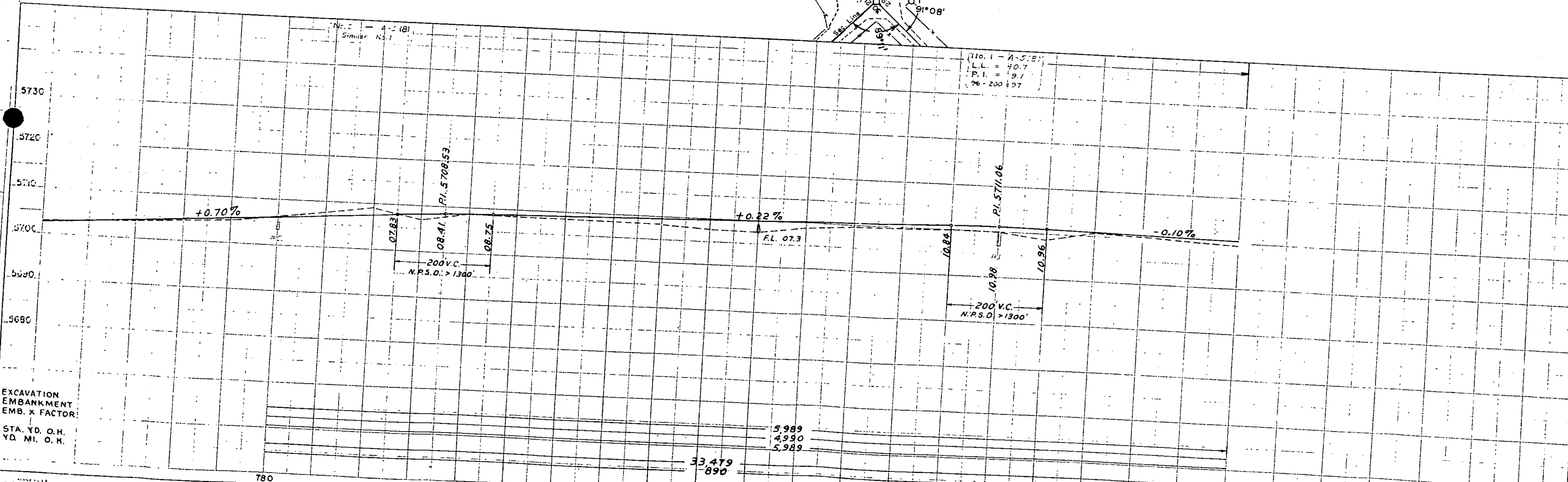
O.J. Malcom
Limon, Colo.

$\Delta = 91^{\circ}08'$
 $T_s = 1296.0'$
 $\Delta c = 78^{\circ}38'$
 $D_c = 5^{\circ}00'$
 $T_c = 938.5$
 $L_c = 1572.7$
 $R_c = 1146.0'$
 $H.S.D. = 640'$

$\theta = 6^{\circ}15'$
 $L_s = 250'$
 $L_t = 166.77$
 $S_t = 83.43$

S.W. 1/4 Sec. 21
T. 7S. R. 56 W.

All of Sec. 21
T. 7S., R. 56 W.
Frances W. Carothers
Loveland, Colo.



EXCAVATION
EMBANKMENT
EMB. x FACTOR
STA. YD. O.H.
YD. MI. O.H.

Right of Way

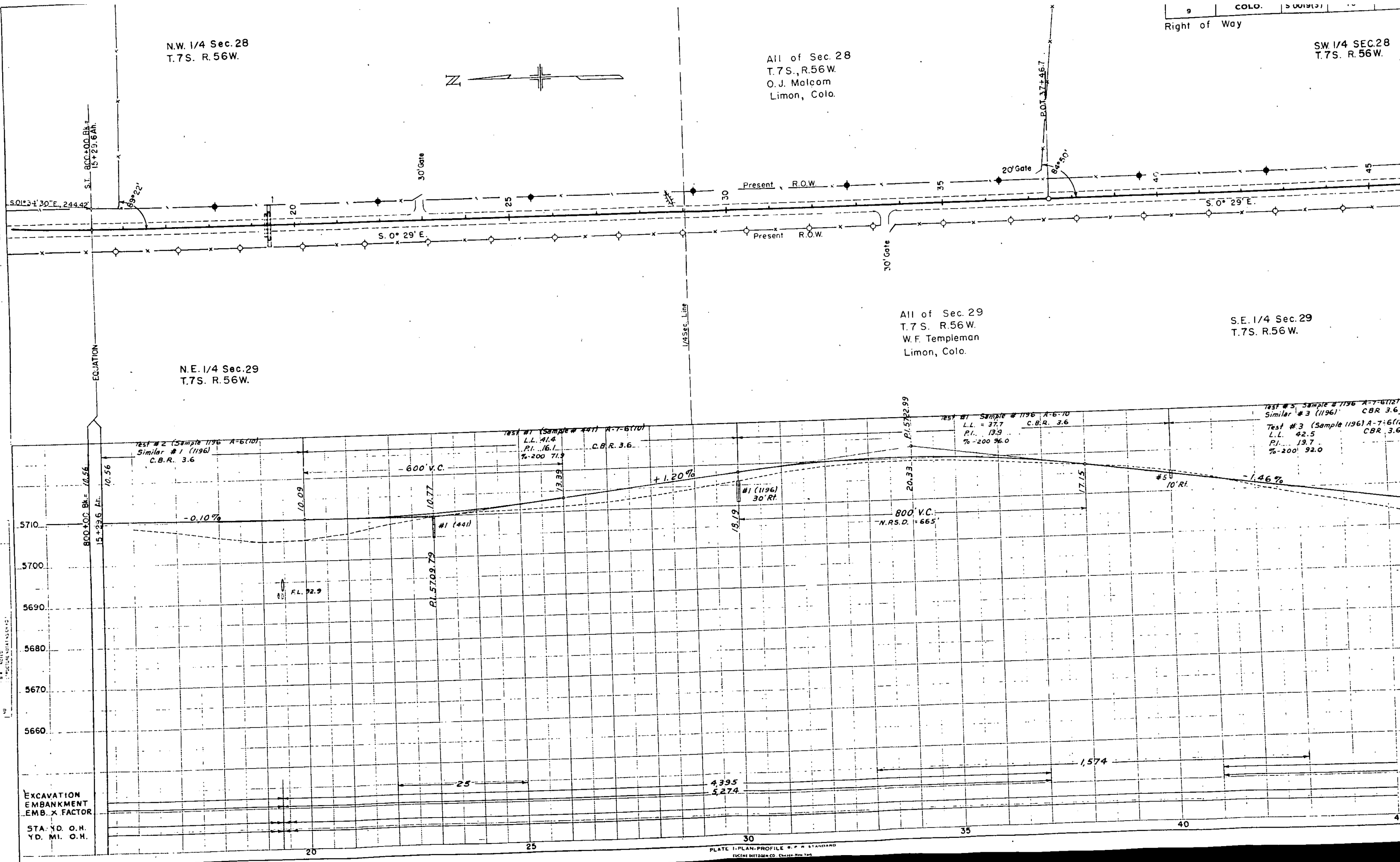
All of Sec. 28
T.7S., R.56W.
O.J. Malcom
Limon, Colo.



N.W. 1/4 Sec. 28
T. 7 S. R. 56 W.

All of Sec. 28
T.7S., R.56W.
O.J. Malcom
Limon, Colo.

S.W. 1/4 SEC. 28
T. 7 S. R. 56 W.



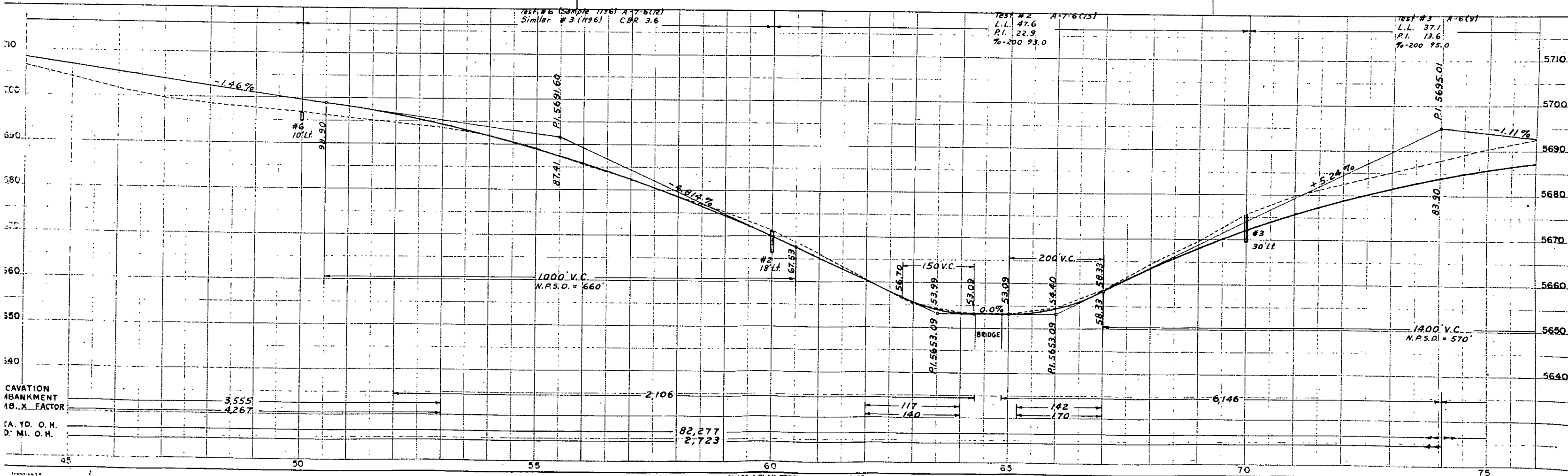
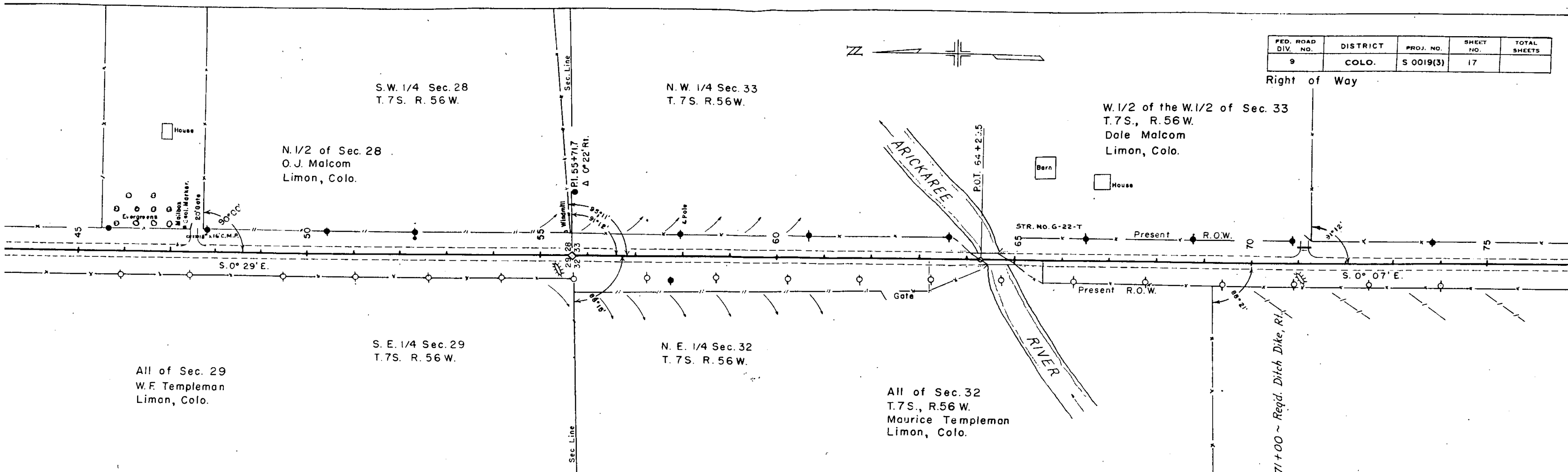
EXCAVATION
EMBANKMENT
EMB. X FACTOR

STA.	YD.	O.H.
YD.	MI.	O.H.

PLATE 1-PLAN-PROFILE G. P. N. STANFAN
EUGENE DETZGER CO. CHICAGO-NEW YORK

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	17	

Right of Way



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	17

Right of Way

W. 1/2 of the W. 1/2 of Sec. 33
T. 7 S., R. 56 W.
Dale Malcom
Limon, Colo.

N. W. 1/4 Sec. 33
T. 7 S. R. 56 W.

S. W. 1/4 Sec. 28
T. 7 S. R. 56 W.

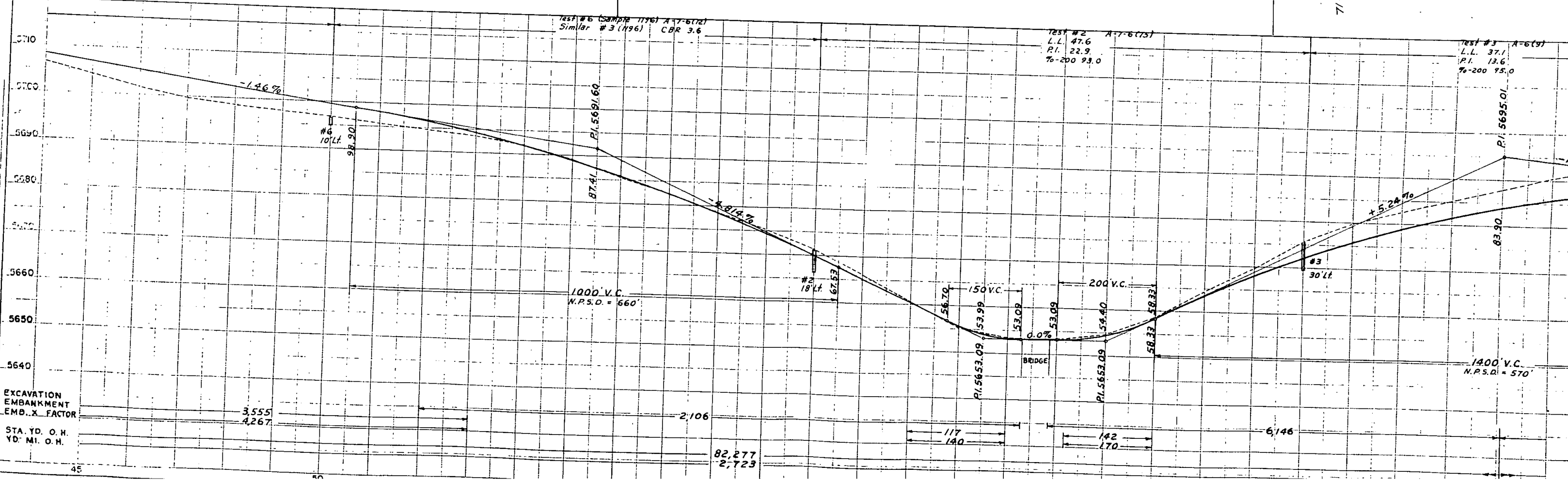
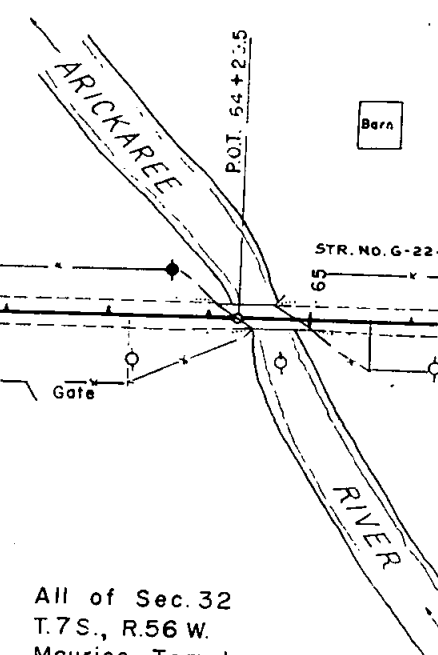
N. 1/2 of Sec. 28
O. J. Malcom
Limon, Colo.

All of Sec. 29
W. F. Templeman
Limon, Colo.

S. E. 1/4 Sec. 29
T. 7 S. R. 56 W.

N. E. 1/4 Sec. 32
T. 7 S. R. 56 W.

All of Sec. 32
T. 7 S., R. 56 W.
Maurice Templeman
Limon, Colo.



EXCAVATION
EMBANKMENT
EMD. X FACTOR

STA. YD. O. H.
YD. MI. O. H.

PLAN
SURVEYED
NOTED
AS SHOWN
AT 10' PER INCH

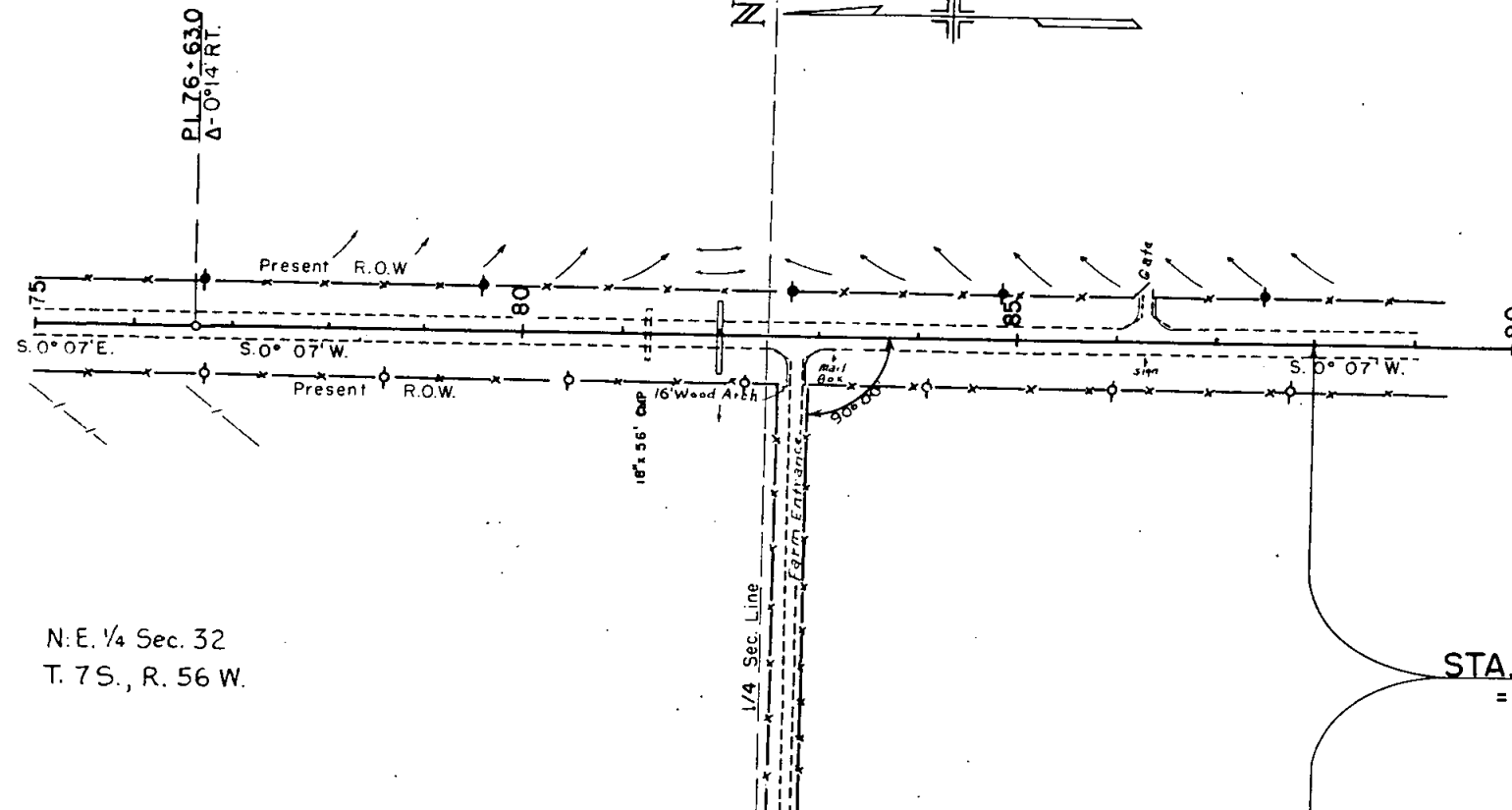
PROFILE
SURVEYED
NOTED
AS SHOWN
AT 10' PER INCH

N.W. 1/4 Sec. 33
T. 7 S., R. 56 W.

S.W. 1/4 Sec. 33
T. 7 S., R. 56 W.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0019(3)	18	

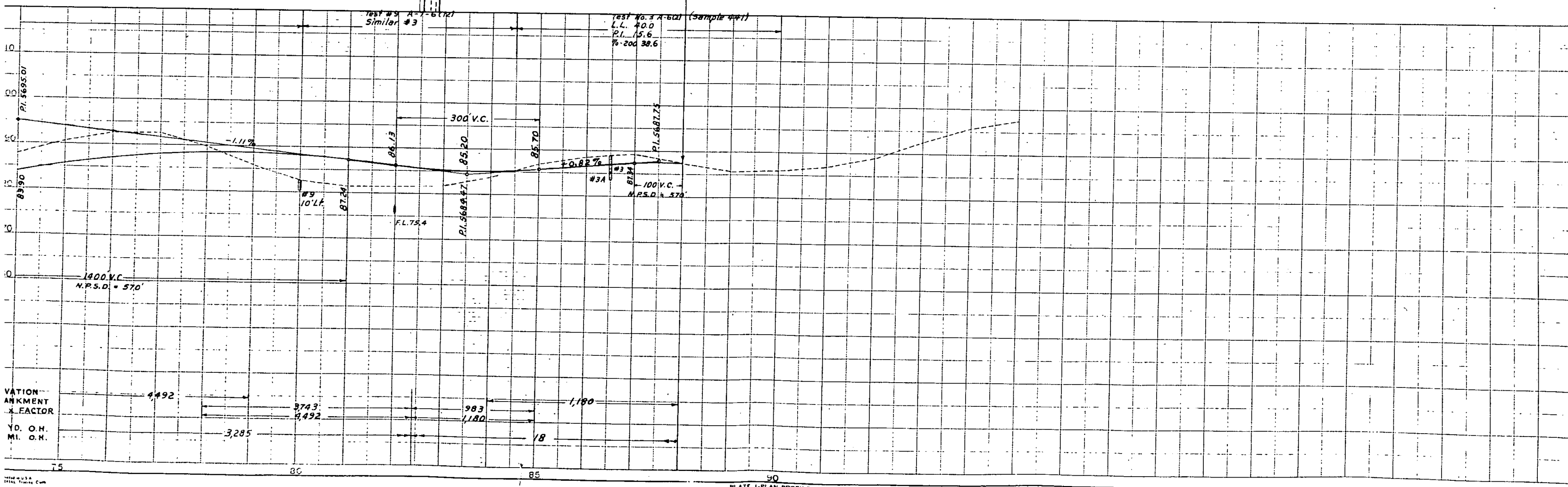
Right of Way



N.E. 1/4 Sec. 32
T. 7 S., R. 56 W.

STA. 88+00 END S 0019(3)
= STA. 88+00 ON S 0019(2)

S.E. 1/4 Sec. 32
T. 7 S., R. 56 W.

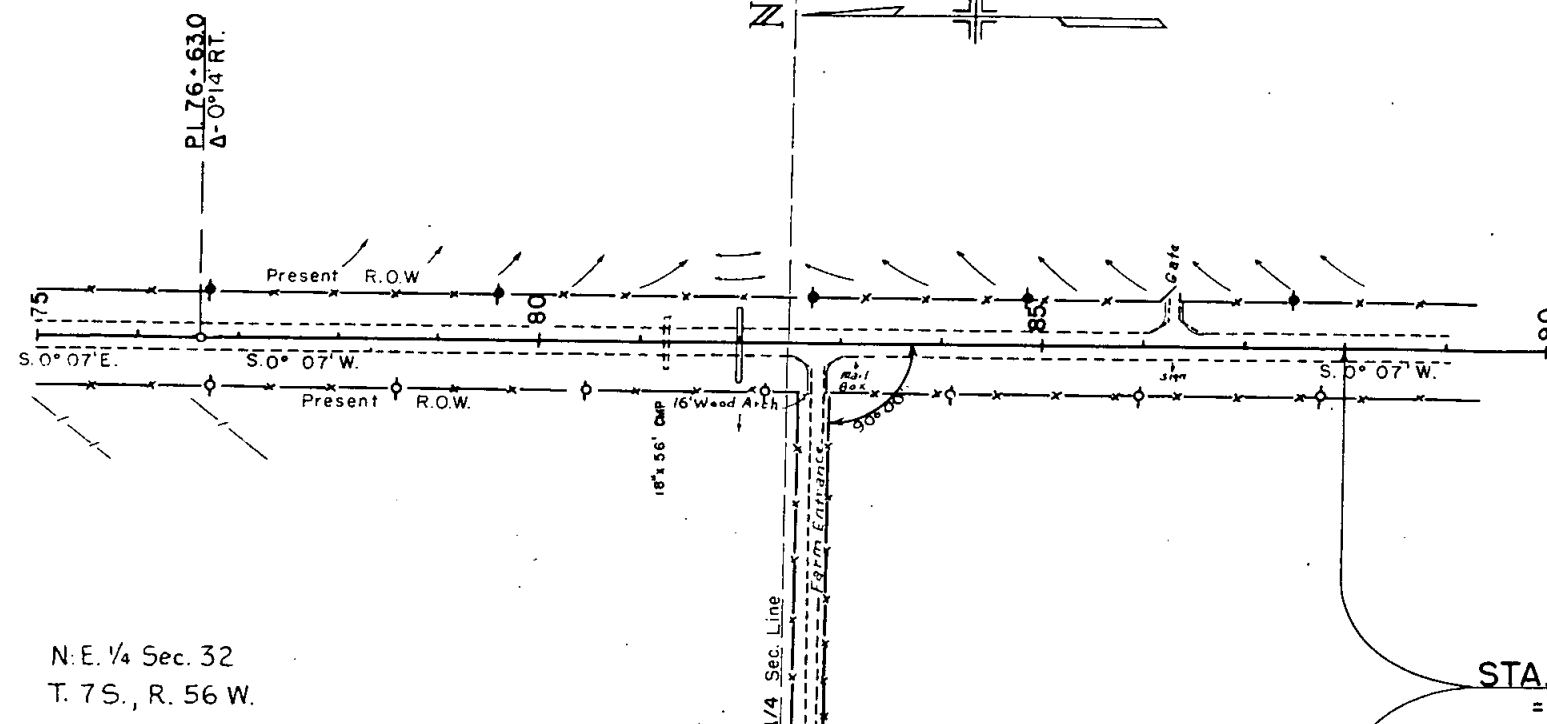


N.W. 1/4 Sec. 33
T. 7 S., R. 56 W.

S.W. 1/4 Sec. 33
T. 7 S., R. 56 W.

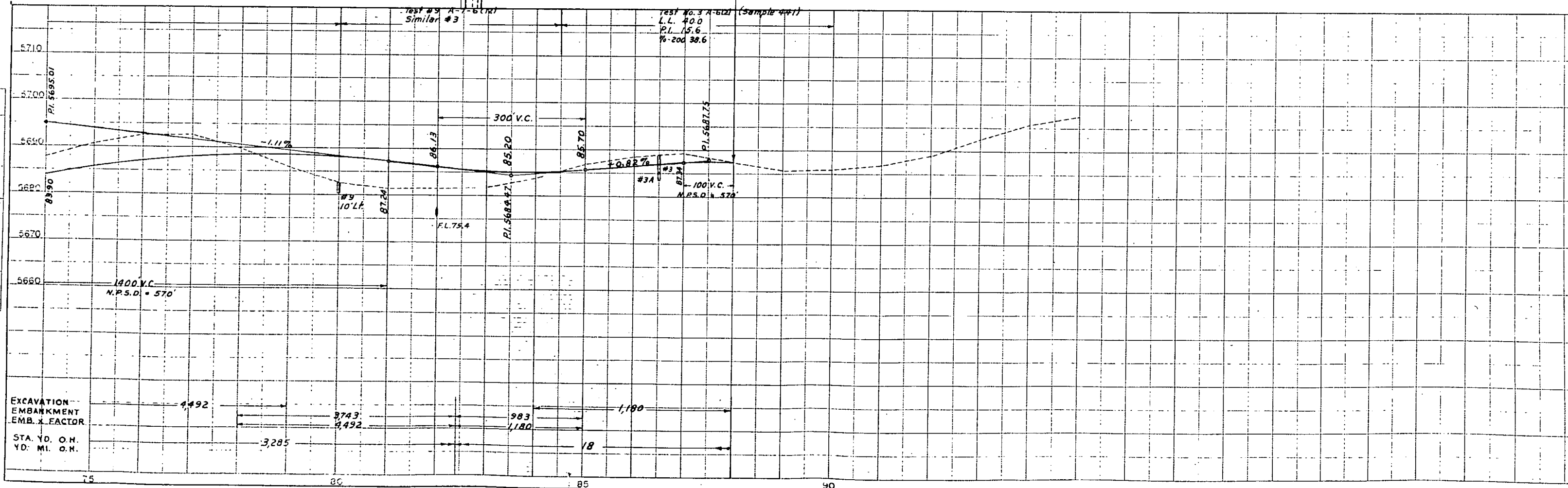
FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	S 0019(3)	18

Right of Way



N.E. 1/4 Sec. 32
T. 7 S., R. 56 W.

S.E. 1/4 Sec. 32
T. 7 S., R. 56 W.



EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. O.H.
YD. MI. O.H.