

COLORADO
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE OF PROPOSED
FEDERAL AID SECONDARY PROJECT NO.S-SG0027(2)
STATE HIGHWAY NO. 71
LINCOLN COUNTY

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-SG0027(2)	1	

Rev. 3-31-52, Index of Sheets, J.C.R.

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CONVENTIONAL SIGNS

CENTER LINE

TOWNSHIP OR RANGE LINE T.9 S., R.56 W.

SECTION LINE T.10 S., R.56 W.

QUARTER SECTION LINE

CITY LIMITS

BARBED WIRE FENCE

WOVEN WIRE - COMBINATION FENCE

TELEPH. & TELEG. LINE

POWER LINE

PRESENT ROAD (PLAN SHEETS)

RAILROAD

COUNTY LINE

HIGH PRESSURE GAS LINE

SCALES OF ORIGINAL TRACINGS

ON PLAN, 1 IN. = 50 FT. STA. 6+00 TO STA. 49+66.8 BK.
1 IN. = 100 FT. STA. 0+00 AH. TO STA. 240+00

ON PROFILE, 1 IN. = 50 FT. STA. 6+00 TO STA. 49+66.8 BK.
1 IN. = 100 FT. STA. 0+00 AH. TO STA. 240+00 HORIZONTAL
1 IN. = 10 FT. VERTICAL

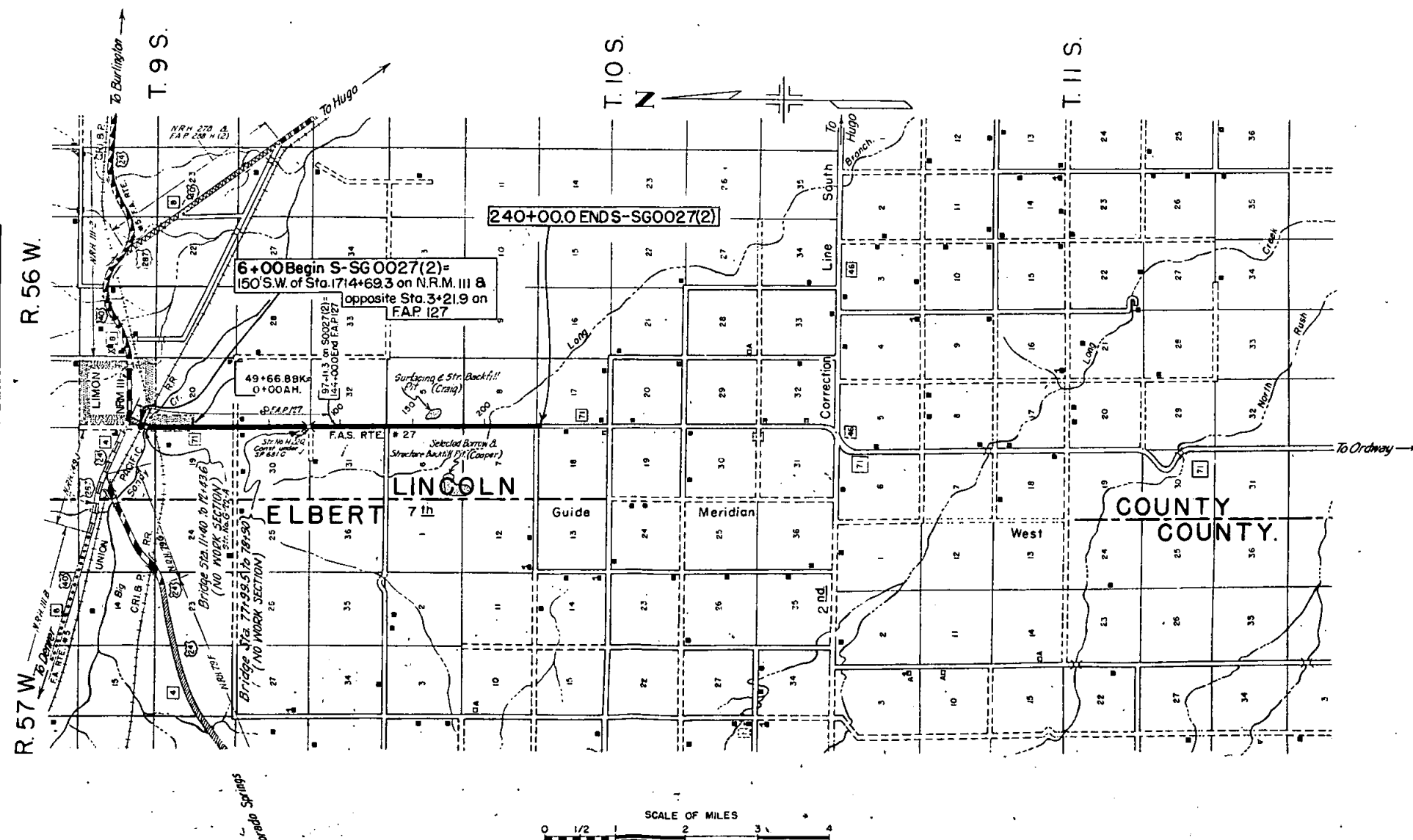
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT - 28,366.8 FEET = 5.373 MILES

NET LENGTH OF PROJECT - 26,172.7 FEET = 5.336 MILES

TABULATION OF LENGTH & DESIGN

STATION	DESCRIPTION	ROADWAY		BRIDGES
		INSIDE LIMON	OUTSIDE LIMON	
		LIN. FT.	LIN. FT.	NO. WORK
6+00	BEGIN S-SG 0027(2)=150'S.W. of Sta. 1714+69.3 on N.R.M. III & opposite Sta. 3+21.9 on F.A.P. 127	255.0		
8+55	City Limits - Limon		285.0	
11+40	Bridge End Str. No. G-22-A			103.6
12+43.6	Bridge End		908.4	
21+52	City Limits - Limon	2814.8		
49+66.8 BK	City Limits - Limon			
Equation 0+00AH			7799.5	
77+99.5	Bridge End Str. No. H-22-Q			90.5
78+90	Bridge End		1921.3	
97+11.3	S-SG 0027(2)= Sta. 144+00 END F.A.P. 127		14288.7	
240+00	END S-SG 0027(2)			
TOTALS		3069.8	25102.9	194.1
SUMMARY			LIN. FT.	MILES
S-SG 0027(2) Roadway - Outside Limon			25102.9	4.754
S-SG 0027(2) Roadway - Inside Limon			3069.8	0.582
S-SG 0027(2) - No Work			194.1	0.037
TOTAL S-SG 0027(2) - Net Length			28172.7	5.336
TOTAL S-SG 0027(2) - Gross Length			28366.8	5.373
DESIGN DATA				
Maximum Degree of Curve			8°30'	
Maximum Grade			5.52%	
Minimum N.P.S.D. (horizontal)			>1300'	
Minimum N.P.S.D. (vertical)			430'	
Maximum Design Speed			50 M.P.H.	



NOTE:
It is recommended that bidders on this project go over the plan details with one of the following field representatives of this Department.

R.R. Wattelet, Resident Engineer, Limon.
Glen. McEldowney, Construction Engineer, Denver.

HIGHWAY DEPARTMENT STATE OF COLORADO	
RECOMMENDED FOR APPROVAL:	
<i>James Bell</i>	1-31-52
ASSISTANT ENGINEER	DATE
APPROVED:	
<i>Mark R. Watson</i>	2-1-52
STATE HIGHWAY ENGINEER	DATE

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER	DATE
APPROVED:	
DIVISION ENGINEER	DATE

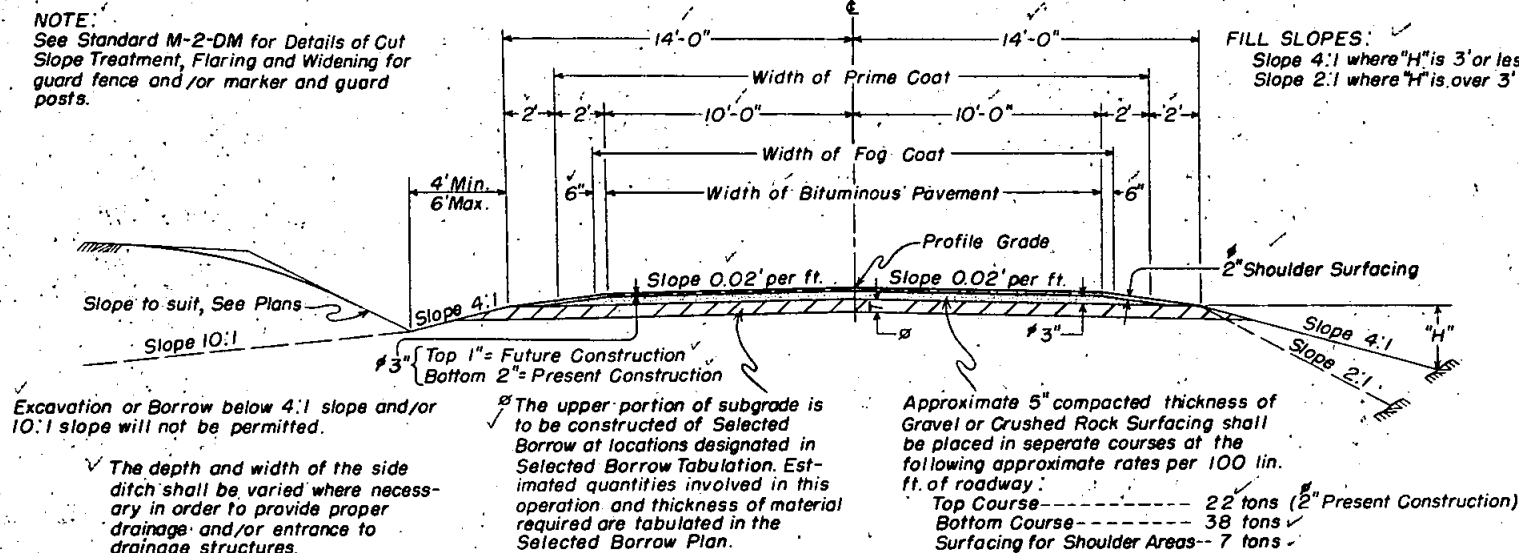
TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

SUMMARY OF APPROXIMATE QUANTITIES

Shaping Roadbed is estimated to be required at the following locations:

Station 86+00 to 110+00 = 2,400 lin. ft.
 134+00 to 161+00 = 2,700 " "
 180+00 to 240+00 = 6,000 " "
 TOTAL = 11,100 lin. ft. = 2.1 miles

TYPICAL SECTION



* Thicknesses shown are approximate

GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted January 1, 1948.

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

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

All Corrugated Metal Pipe Cross Culverts shall be laid without Headwalls unless otherwise noted on the plans.

Culverts projecting from embankments shall be covered with approximately 6 inches of embankment material in such a manner that a minimum of pipe shall be exposed in the completed work. This shall be accomplished by warping embankment slopes around and adjacent to the culvert.

Payment for overhaul will be based on measurement along the centerline of the project.

All curves are to be superelevated and widened as provided by the Standard Superelevation sheet included with the plans except that curves of 6 degrees and over shall be provided with the superlevation shown on the Standard Superelevation Sheet for a 6 degree curve.

Shoulder Surfacing is not to be placed across Road Approaches.

For preliminary plan quantities of Asphaltic Road Materials the following rates of application were used.

PRIME COAT --- MC --- @ 0.40 Gals. per Sq. Yd.
 PROCESS OIL --- MC --- @ 0.58 Gals. per Sq. Yd. per Inch
 FOG COAT --- RC --- @ 0.10 Gals. per Sq. Yd.

Rate of application and grade of Oil shall be as determined by the Engineer at time of application.

Side approach roads to the project (as directed by the Engineer) shall be Primed and Fog Coated to approximately 50 feet out from edge of the oil mat or to the Right of Way line, whichever is less. The Driveway and Walk approaches, Sta. 17+ to 49+ (Bk. Sta's) shall be Primed, Oil Processed and Fog Coated.

At Bridge Approaches, the Prime Coat, Oil Mat and Fog Coat shall be widened to meet the curbed width of the bridge and shall take place gradually over a distance of 300 ft, each way from the Bridge ends.

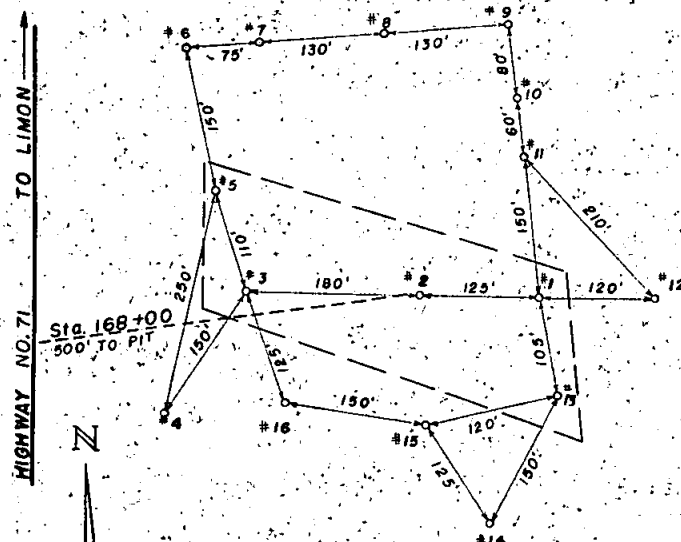
It is estimated that rolling of the Oil Mat with Flat Wheeled Roller will be necessary after compaction with Rubber Tired Rollers in order to provide a firm smooth surface.

ITEM NO.	ITEM	UNIT	ROADWAY						PROJECT TOTALS		
			INSIDE LIMON			OUTSIDE LIMON					
10a	Clearing & Grubbing Entire Project	Lump Sum	(Paved)			(Paved)			•		
11a	Removal of 2 Structures (Inside Limon)	Lump Sum	•						•		
11b	Removal of 1 Structure (Outside Limon)	Lump Sum				•			•		
11c	Removal of C.B.C. Sta. 202+	Lump Sum				•			•		
11d	Removing & Resetting Mail Boxes (Inside Limon)	Lump Sum	•						•		
11e	Removing & Resetting Mail Boxes (Outside Limon)	Lump Sum				•			•		
13x	Selected Borrow	Cu. Yd.	2260			19,540			21,800		
13c	Unclassified Excavation	Cu. Yd.	4300			8700			13,000		
13d	Unclassified Ditch Excavation	Cu. Yd.	10			90			100		
13y	Unclassified Excavation (Stripping)	Cu. Yd.	1100			8900			10,000		
14a	Dry Rock Excavation (Str.)	Cu. Yd.	2			8			10		
14b	Dry Common Excavation (Str.)	Cu. Yd.	30			140			170		
14c	Wet Rock Excavation (Str.)	Cu. Yd.	2			8			10		
14d	Wet Common Excavation (Str.)	Cu. Yd.	5			15			20		
16a	Structure Backfill (Class 1)	Cu. Yd.	40			150			190		
16d	Mechanical Tamping	Hour	5			15			20		
17ax	Rolling with Tamping Roller (2 Unit)	Hour	15			75			90		
17ay	Rolling with Tamping Roller (4 Unit)	Hour	10			40			50		
17b	Rolling with Flat Wheeled Roller	Hour	20			150			170		
17c	Rolling with Rubber Tired Roller	Hour	15			85			100		
17dx	Furnishing Tamping Roller (2 Unit)	Each	0.2			0.8			1		
17dy	Furnishing Tamping Roller (4 Unit)	Each	0.2			0.8			1		
17e	Furnishing Flat Wheeled Roller	Each	0.1			0.9			1		
17f	Furnishing Rubber Tired Roller	Each	0.1			0.9			1		
17g	Netting	M Gal.	240			1490			1730		
18a	Station Yard Overhaul	Sta. Yd.	42,000			251,000			293,000		
18b	Yard Mile Overhaul	Yd. Mi.	10,050			38,450			48,500		
18c	Ton Mile Overhaul	Ton Mi.	6460			12,240			18,700		
26d	Gravel or Crushed Rock Surfacing (Grading D)	Ton	2500			17,400			19,900		
30x	Asphaltic Road Material MC (Prime)	Gal.	4600			27,600			32,200		
30y	Asphaltic Road Material RC (Fog)	Gal.	1030			6070			7100		
30z	Asphaltic Road Material MC (Process)	Gal.	11,100			66,500			77,600		
31a	Road Mix Oil Processing	Sq. Yd.	9460			56,590			66,050		
53b	18" Corrugated Metal Culvert Pipe	Lin. Ft.	26			214			240		
53c	24" Corrugated Metal Culvert Pipe	Lin. Ft.	62			264			326		
92	Timber Guard Posts	Each				74			74		
119	Shaping Roadbed	Mile				2.1			2.1		
134b	22"x13" Corrugated Metal Pipe Arch Culverts	Lin. Ft.	30						30		
81a	WORK BY STATE FORCES Project Markers ReflectORIZED R.R. Advance Warning Signs	Each Each	1 4			1			2 4		
	FORCE ACCOUNT Railroad Grade Crossing (Work by U.P.R.R. Forces) Flashing Light Signals (Work by U.P.R.R. Forces) Railroad Grade Crossing (Work by C.R.I.&P.R.R. Forces) Flashing Light Signals (Work by C.R.I.&P.R.R. Forces)	Lump Sum Lump Sum Lump Sum Lump Sum							• • • •		
	WORK BY STATE FORCES (NON-FEDERAL AID) Signing and Striping Entire Project	Lump Sum							•		

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-SG0027 (2)	5	

PIT NO. 861 STR. BACKFILL AND SURFACING

Location N.W. 1/4 of S.W. 1/4 Sec. 5, T.10S., R.56W.
Owner J.F. Craig Available 17,000 Cu. Yds. = 23,400 Tons
Sample No. 861, 4977 & 7328



FIELD SAMPLES 861

TEST NO.	DEPTH IN FEET	DESCRIPTION OF TEST HOLE MATERIAL
1	0.0-4.0	O.B.
1-A	4.0-17.0	SAND AND GRAVEL
2	0.0-5.0	SAND AND GRAVEL
2-A	5.0-12.0	O.B.
3	0.0-4.0	SOIL
3-A	4.0-12.0	SAND AND GRAVEL
4	0.0-5.0	BLACK SOIL
4-A	5.0-10.0	YELLOW CLAY
4-B	10.0-16.0	SAND AND GRAVEL
5	0.0-7.0	SAND AND GRAVEL
6	0.0-10.0	BROWN CLAY
7	0.0-4.0	SAND AND GRAVEL
8	0.0-4.0	BLACK SOIL
8-A	4.0-6.0	SAND AND GRAVEL
8-B	6.0-9.5	BROWN CLAY
9	0.0-5.0	YELLOW CLAY AND ROCK
9-A	5.0-10.0	HEAVY GREEN CLAY
10	0.0-2.0	SAND AND GRAVEL
10-A	2.0-5.0	HEAVY GREEN CLAY
11	0.0-1.5	BLACK SOIL
11-A	1.5-6.0	SAND AND GRAVEL
11-B	6.0-10.0	HEAVY GREEN SAND
12	0.0-1.0	BLACK SOIL
12-A	1.0-4.0	SAND AND GRAVEL
12-B	4.0-10.0	HEAVY GREEN CLAY
13	0.0-1.0	BLACK SOIL
13-A	1.0-3.0	FINE SAND AND SOIL
13-B	3.0-11.0	RED SAND AND GRAVEL
13-C	11.0-13.0	BROWN SAND
13-D	13.0-16.0	COARSE SAND AND GRAVEL
14	0.0-4.0	YELLOW CLAY
14-A	4.0-8.0	WHITE SANDY SOIL
14-B	8.0-10.0	BROWN CLAY
15	0.0-1.0	BLACK SOIL
15-A	1.0-5.0	FINE SAND AND SOIL
15-B	5.0-15.0	SAND AND GRAVEL
16	0.0-7.0	SANDY YELLOW CLAY
16-A	7.0-10.0	BROWN CLAY

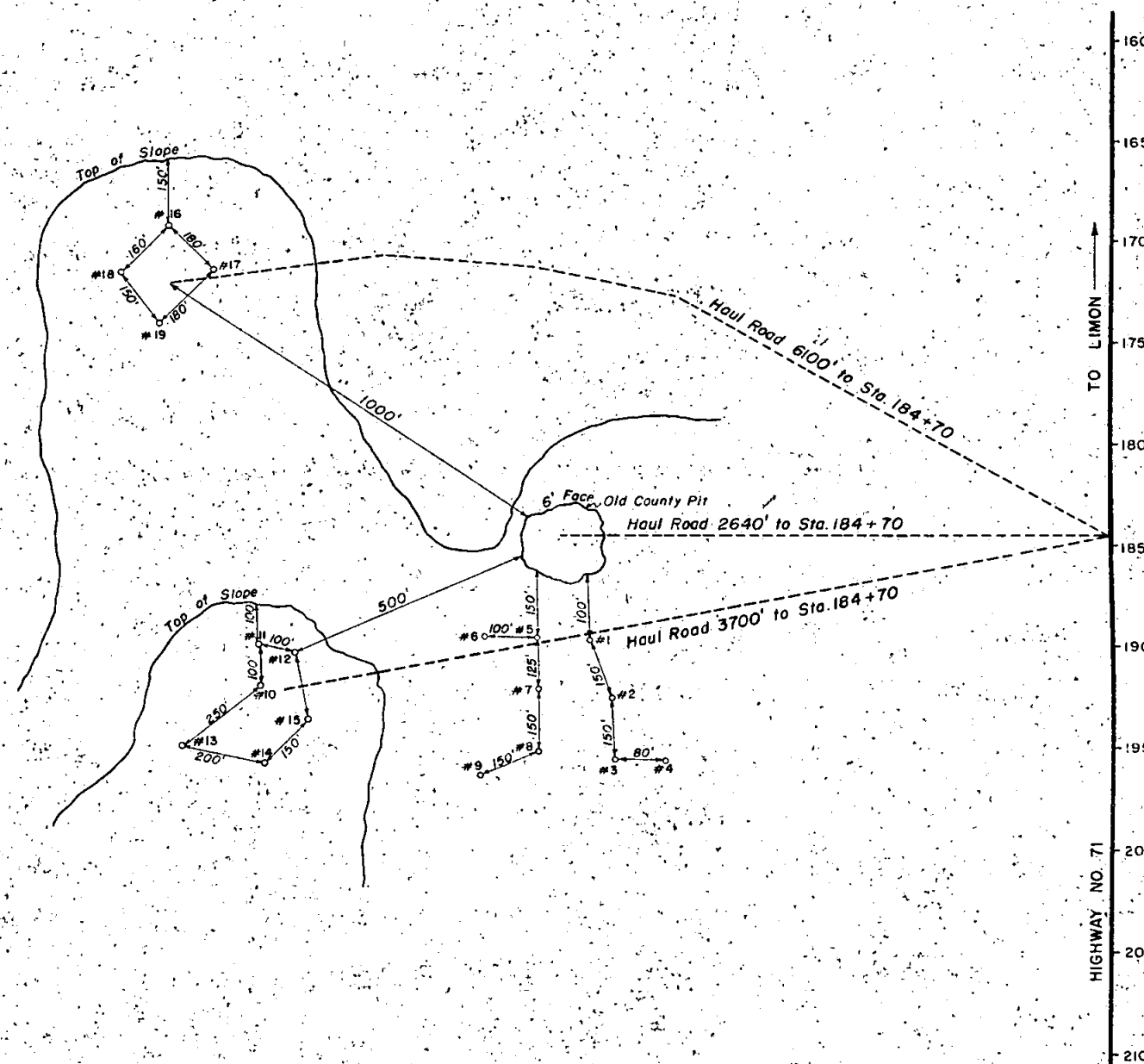
FIELD SAMPLES 811 & 8431

TEST NO.	DEPTH IN FEET	DESCRIPTION OF TEST HOLE MATERIAL
1	0.0-4.5	O.B.
1-A	4.5-15.0	SAND
2	0.0-5.0	O.B.
2-A	5.0-17.0	SAND
3	0.0-8.0	O.B.
3-A	8.0-11.0	SAND ★
4	0.0-12.0	SANDY CLAY
5	0.0-1.0	O.B.
5-A	1.0-18.0	SAND
6	0.0-10.0	CLAY
7	0.0-4.0	O.B.
7-A	4.0-15.0	SAND
8	0.0-3.0	O.B.
8-A	3.0-18.0	SAND
9	0.0-10.0	SANDY CLAY
10	0.0-1.0	O.B.
10-A	1.0-20.0	SAND
11	0.0-1.5	O.B.
11-A	1.5-15.0	SAND
12	0.0-1.0	O.B.
12-A	1.0-12.0	SAND
13	0.0-1.0	O.B.
13-A	1.0-15.0	SAND
14	0.0-1.0	O.B.
14-A	1.0-7.0	FINE SAND ⊕
15	0.0-4.5	O.B.
15-A	4.5-20.0	SAND
16	0.0-0.5	O.B.
16-A	0.5-15.0	SAND
17	0.0-3.0	O.B.
17-A	3.0-14.0	SAND
18	0.0-1.0	O.B.
18-A	1.0-9.0	SAND
19	0.0-1.0	O.B.
19-A	1.0-19.0	SAND

★ Hit solid sandstone at 11.0'
⊕ No pea gravel

PIT NO. 811 STR. BACKFILL AND SELECTED BORROW

Location S. 1/2 Sec. 6 & W. 1/2 NW. 1/4 Sec. 7, T.10S., R.56W.
Owner H.E. Cooper Available 70,000 Cu. Yd.
Sample No. 811
8431
7327



FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	COLORADO	S-SG 0027(2)	6	

LAYOUT AND DETAILS
OF INTERSECTION
U.S. 40 & S.H. 71
(FUTURE CONSTRUCTION)

LEGEND
Edge of Pavement
Shoulder Edge
Traffic Stripe
Office Projection

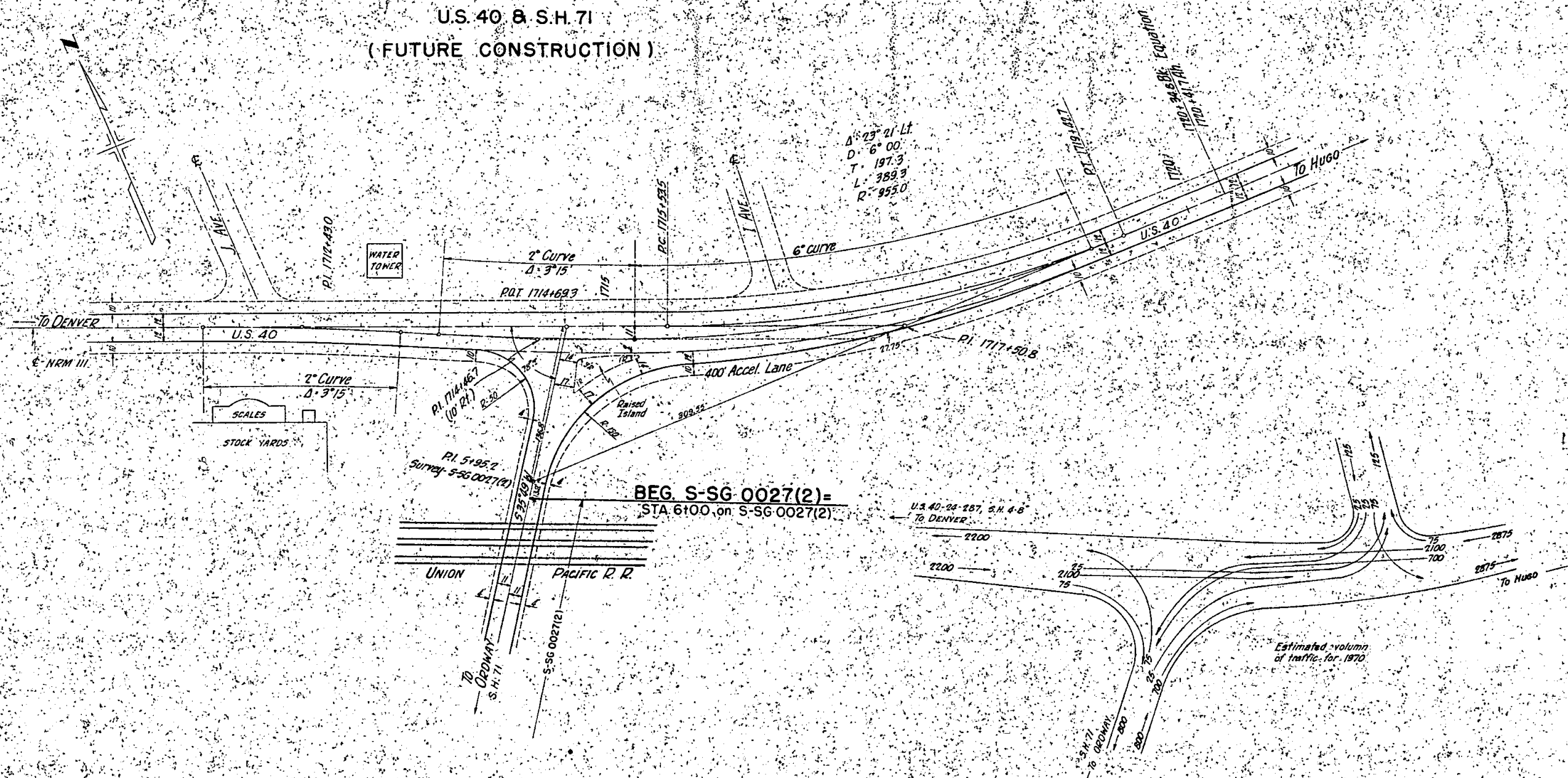


PLATE 1-PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK

SW 1/4 SEC. 17
T. 9S., R. 56W.

NOTE
Right of Way for this project through the City of Limon is 30 feet each side of centerline.

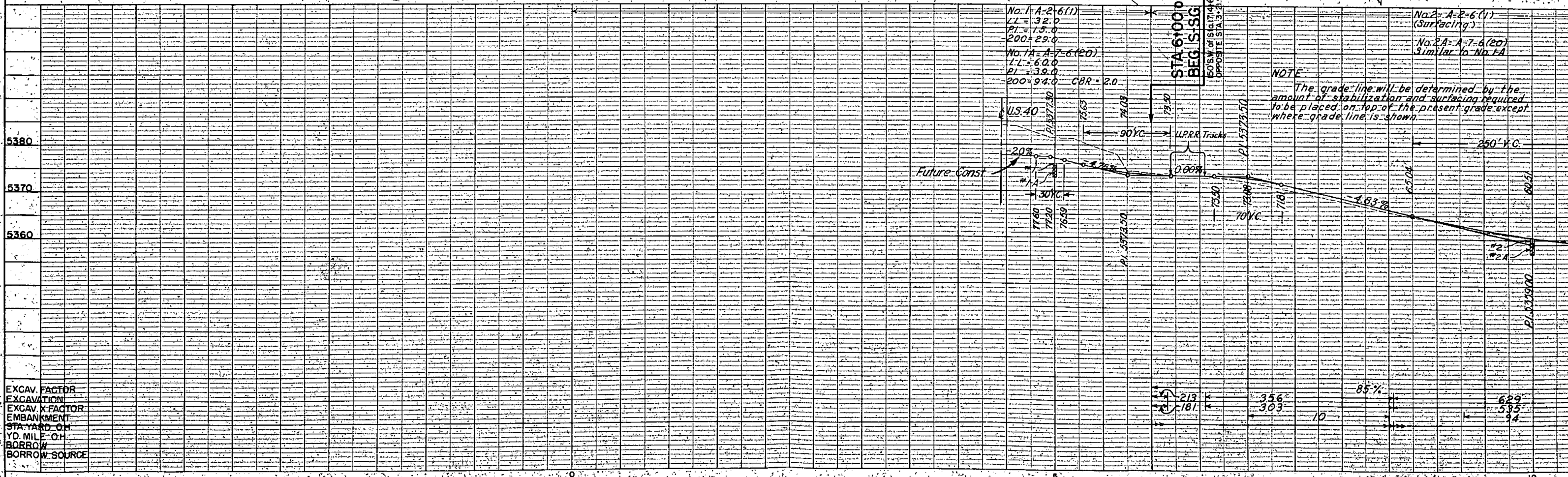
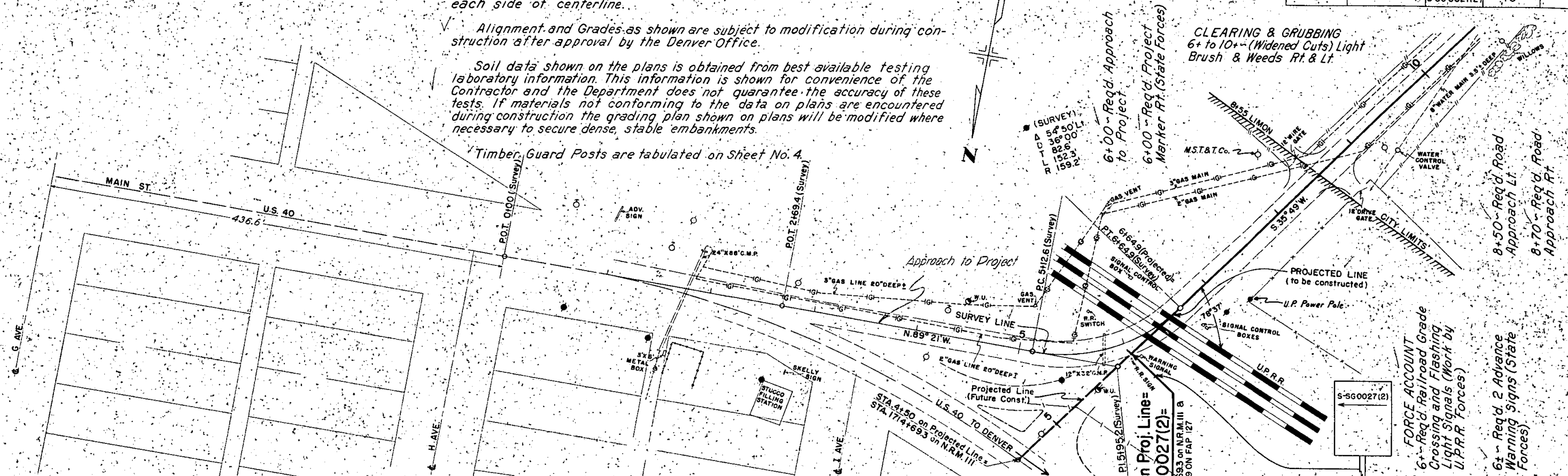
Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

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.

Timber Guard Posts are tabulated on Sheet No. 4

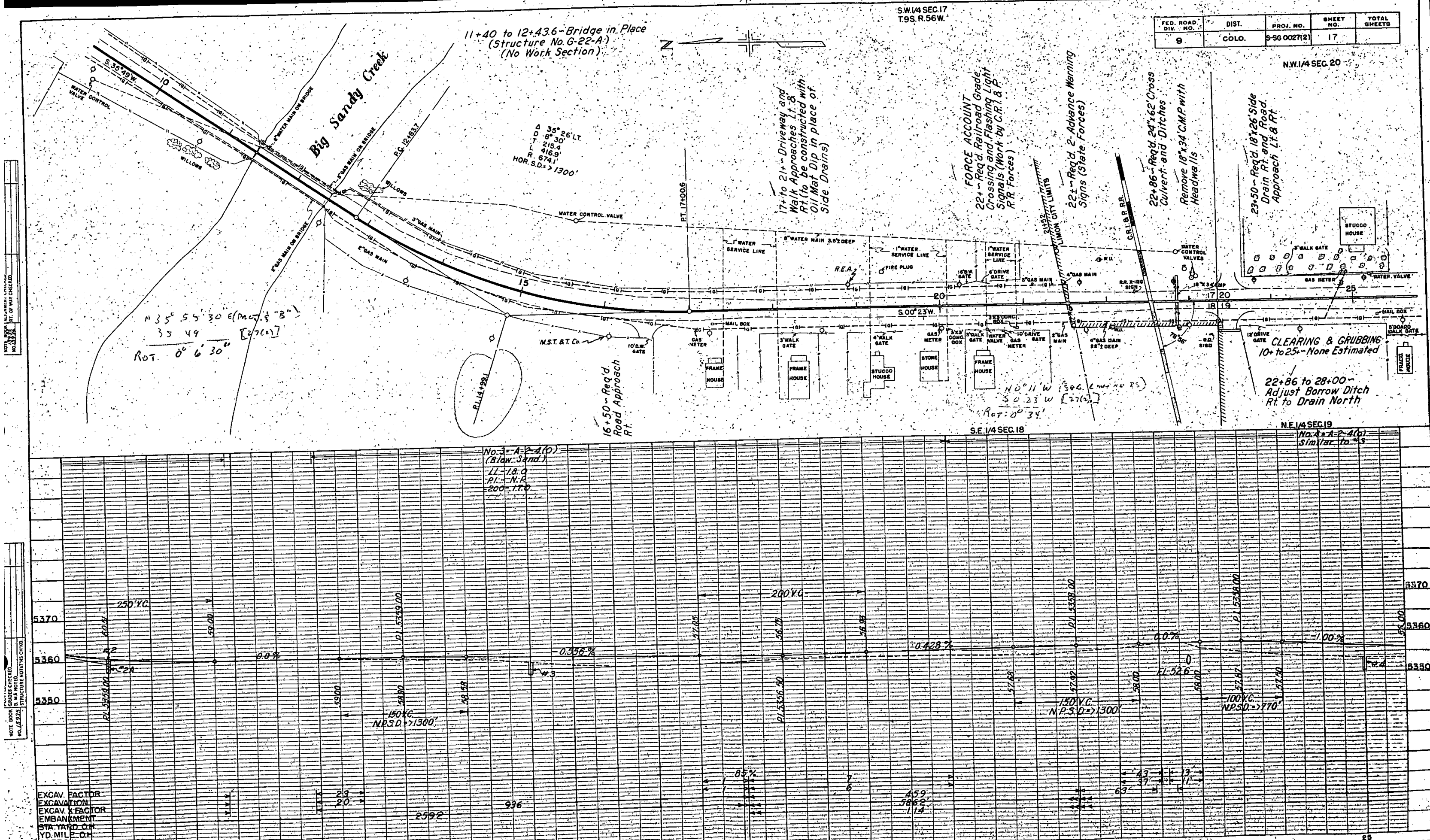
FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOT. SHEETS
9	COLO.	S-56 0027(2)	16	

CLEARING & GRUBBING
6+ to 10+ (Widened Cuts) Light
Brush & Weeds Rt. & Lt.

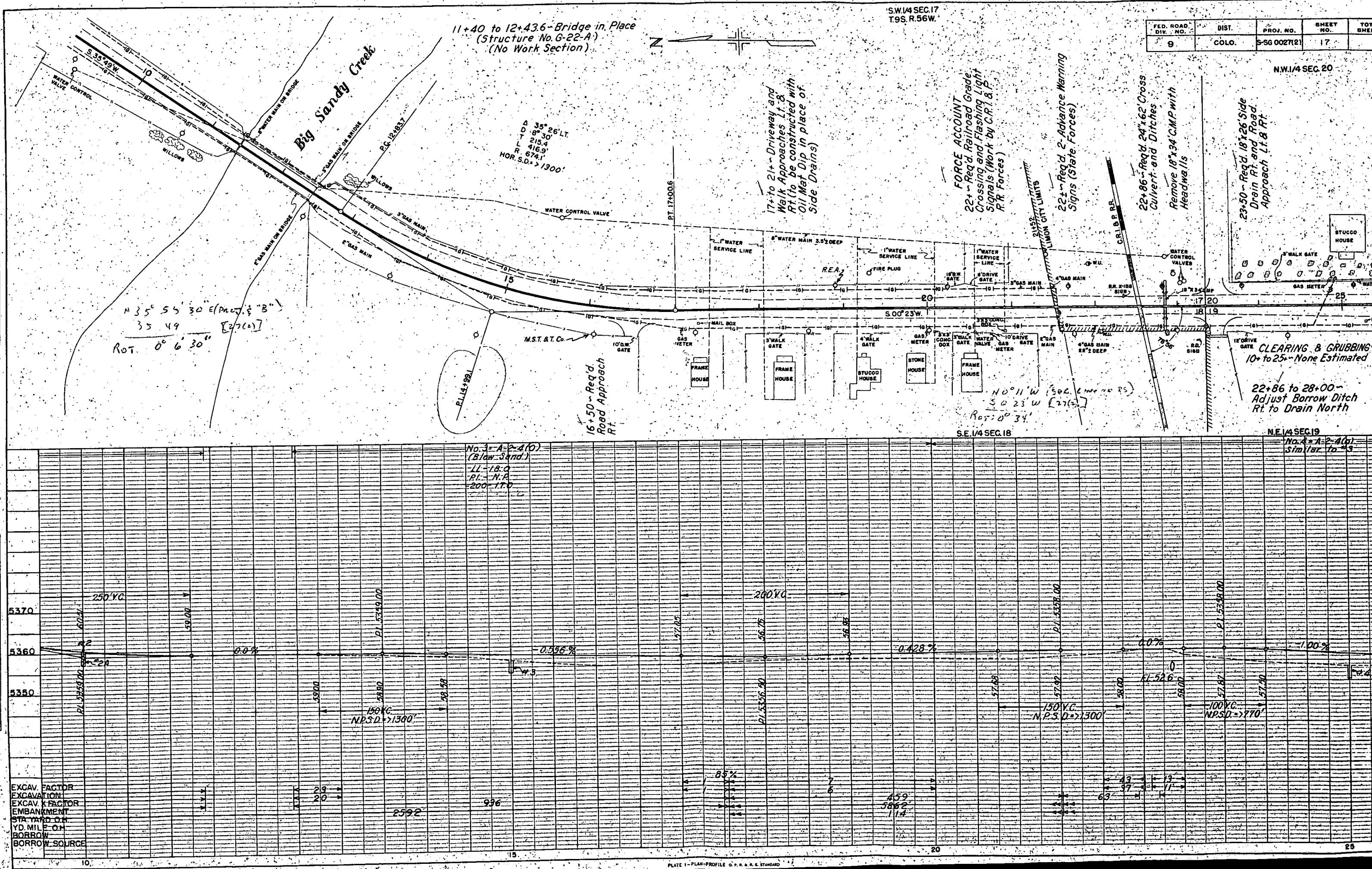


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28

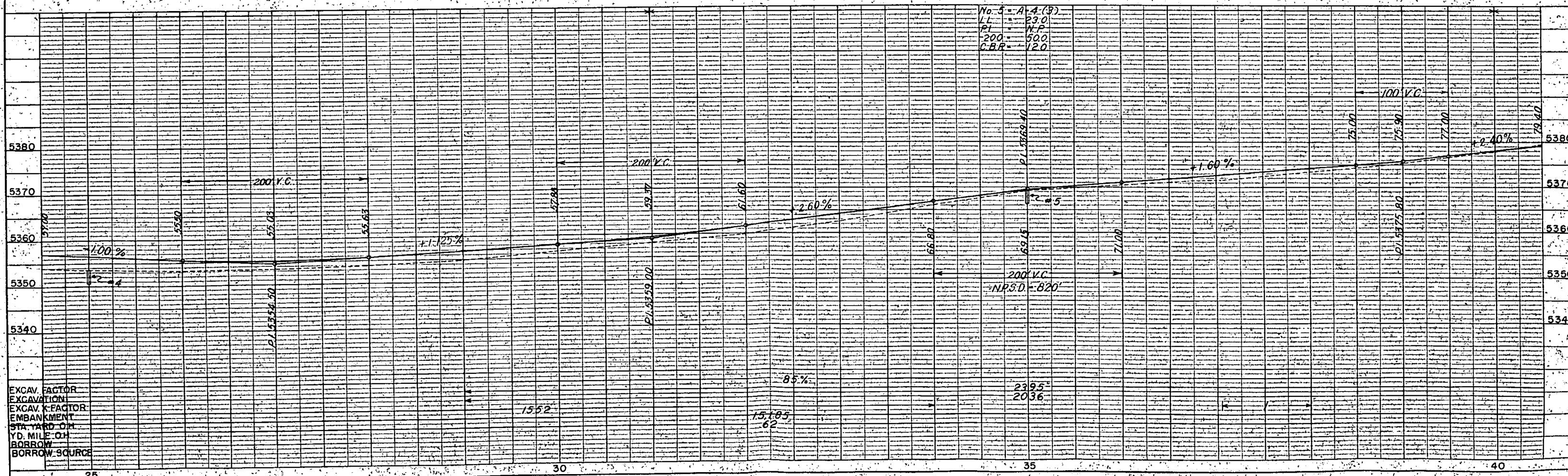
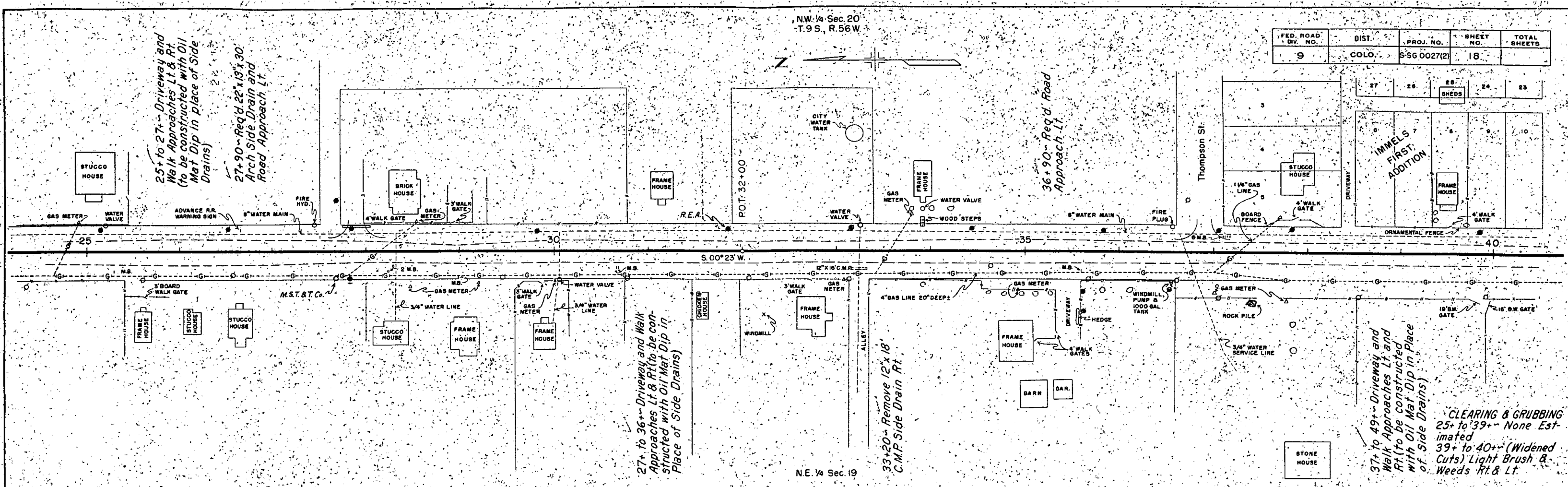


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
NO. 5925	B. M. NOTED		
STRUCTURE NOTATIONS CHKD.			



NO. 12322 RT. OF WAY CHECKED

NO. 12322 RT. OF WAY CHECKED



EXCAV. FACTOR
EXCAVATION
EXCAV. X-FACTOR
EMBANKMENT
STA. YARD O.H.
YD. MILE O.H.
BORROW
BORROW SOURCE

No. 5 - A-4 (B)
LL - 23.0
PI - 200
C.B.R. - 120

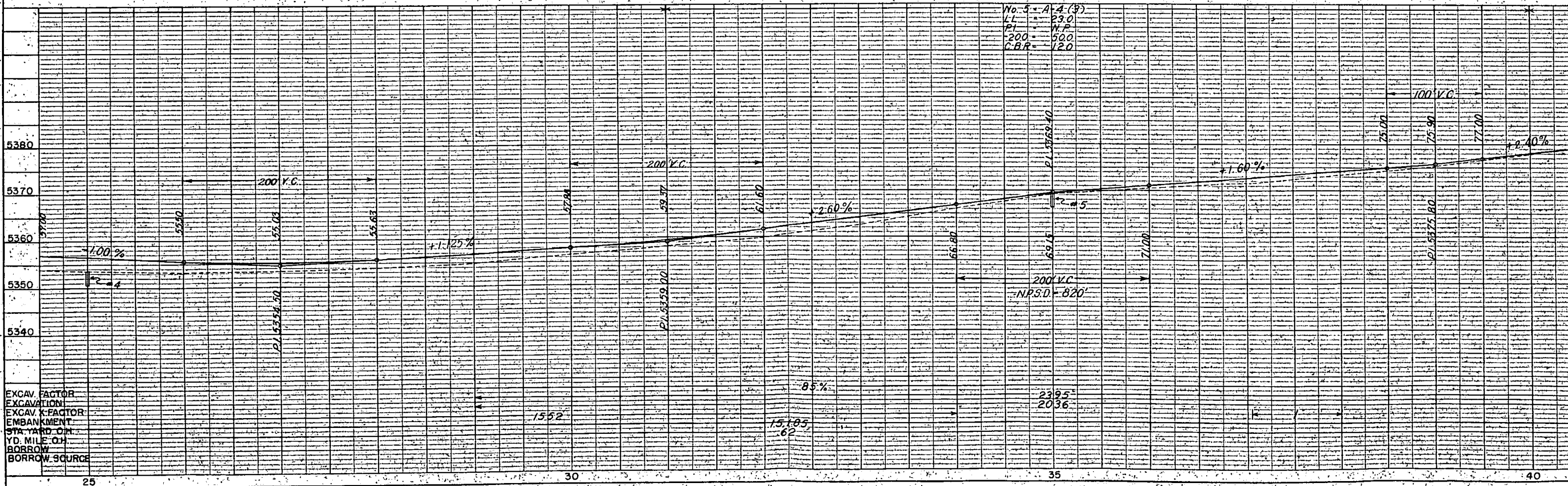
200' V.C.
N.P.S.D. - 820'

23.95
2036

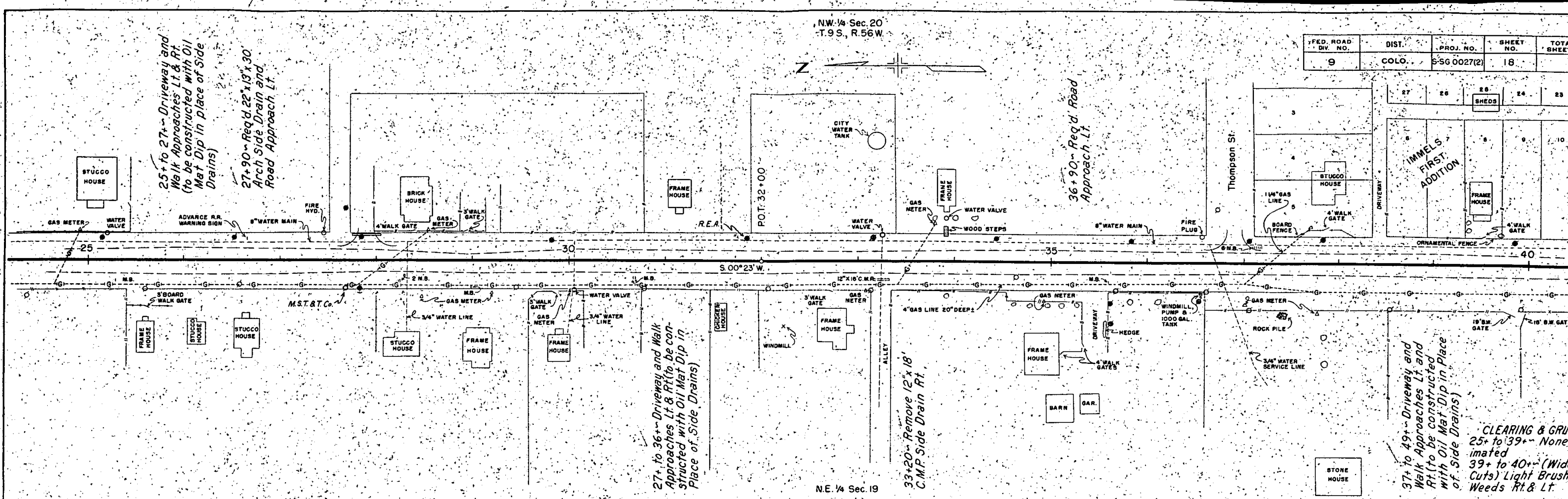
CLEARING & GRUBBING
25+ to 39+ - None Est-
imated
39+ to 40+ - (Widened
Cuts) Light Brush &
Weeds Rt. & Lt.

PLAN	DATE
REVIEWED	BY
NOTE BOOK	ALIGNED CHECKED
NO. 4535	RT. OF WAY CHECKED

PROFILE	DATE
REVIEWED	BY
NOTE BOOK	CAUSES CHECKED
NO. 4535	STRUCTURE NOTED IN CH. 45



EXCAV. FACTOR
EXCAVATION
EXCAV. X. FACTOR
EMBANKMENT
STA. YARD ON
YD. MILE ON
BORROW
BORROW SOURCE



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-56 0027(2)	18	

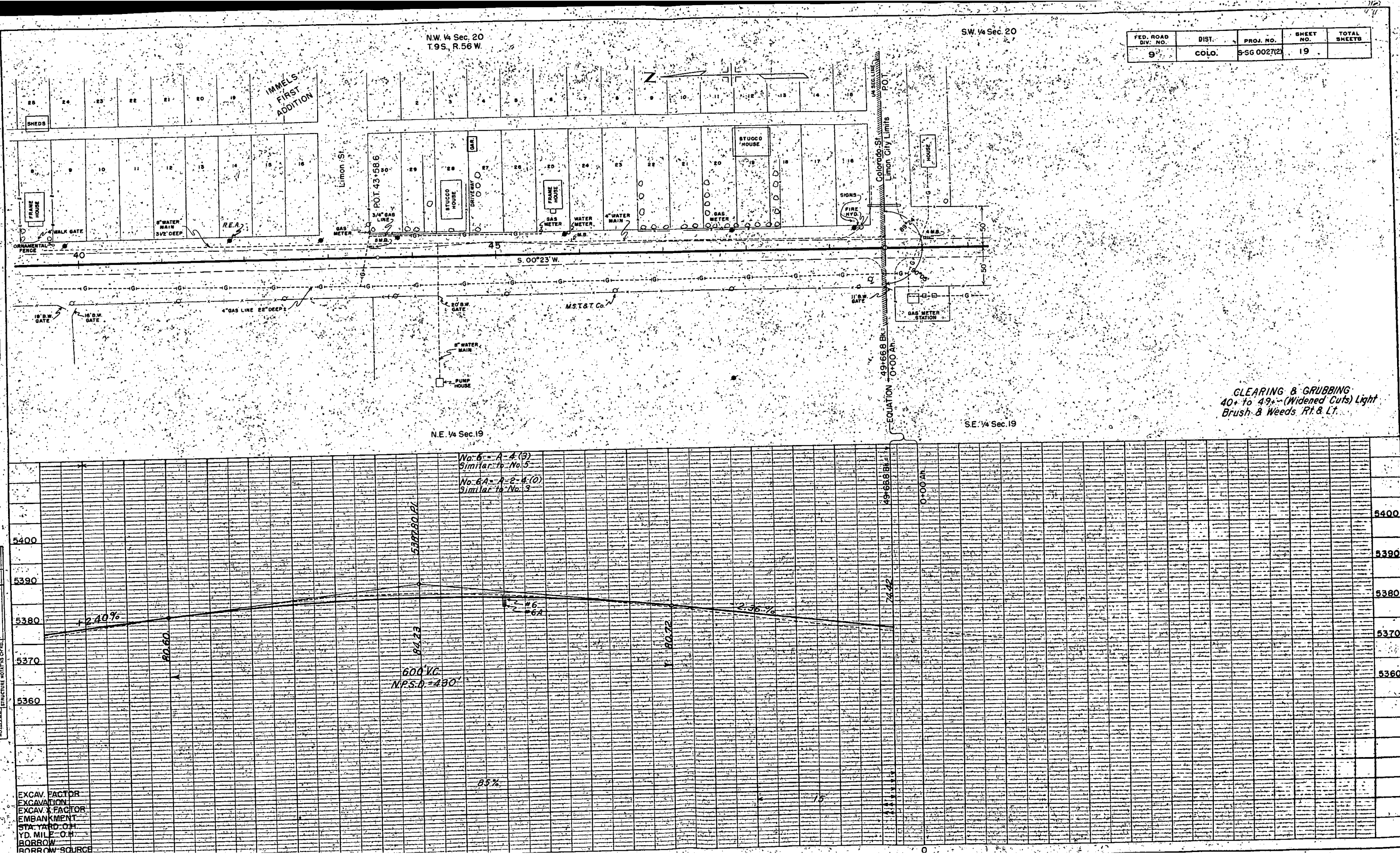
27	28	29	30	31
		SHEDS		

IMMELS FIRST ADDITION	2	3	4	5	6	7	8	9	10

CLEARING & GRU.
25+ to 39+ - None
imated
39+ to 40+ - (Wide
Cuts) Light Brush
Weeds Rt & Lt

NOTE: BOOK ALIGNMENT UNCHANGED.
NO. 2332 RT. OF WAY CHECKED.

NOTED
NOTE: BOOK GRADES CHECKED.
NO. 2332 STRUCTURE NOTATIONS CH'GO.

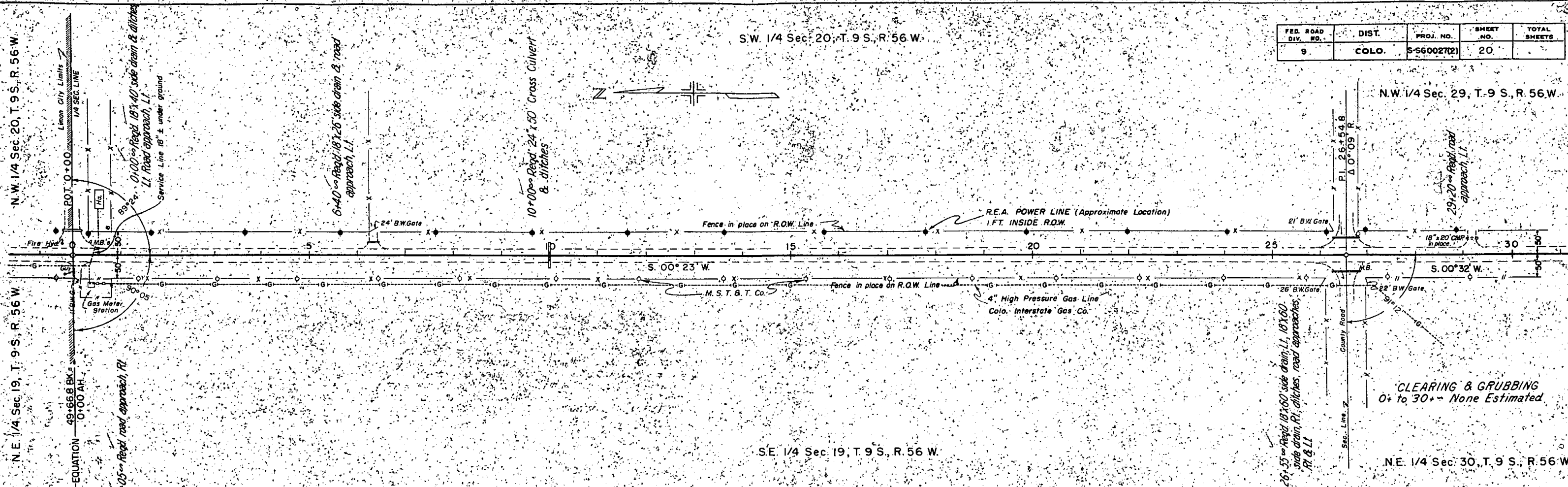


FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-SG 0027(2)	19	

CLEARING & GRUBBING
40+ to 49+ (Widened Cuts) Light
Brush & Weeds Rt. & Lt.

NOTE BOOK
PLATTEN
ALIGNED CHECKED
BY 12/55

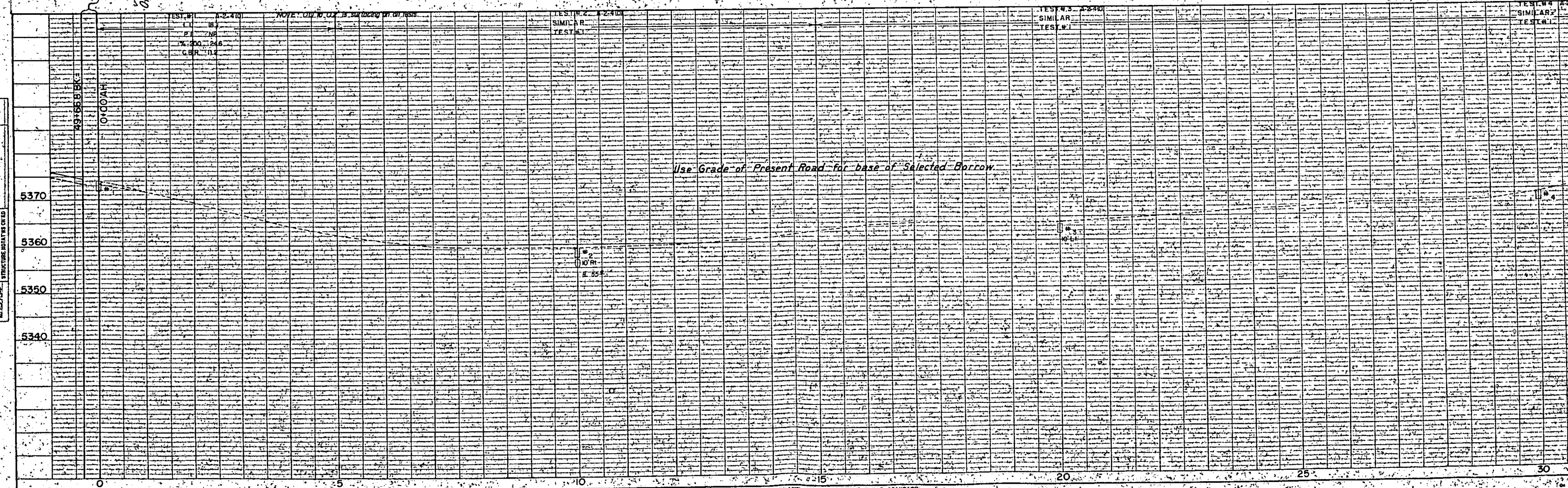
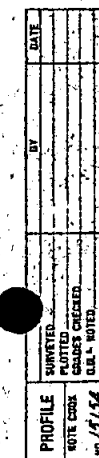
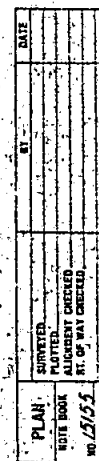
NOTED
BY 12/55
STRUCTURE ADJUSTED



TEST #1 A-2.40		TEST #2 A-2.40		TEST #3 A-2.40		TEST #4 A-2.40	
L1		SIMILAR		SIMILAR		SIMILAR	
P1		TEST #1		TEST #1		TEST #1	
S1							
CBR							
5370							5370
5360							5360
5350							5350
5340							5340

Use Grade of Present Road for base of Selected Borrow

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEET
9	COLO.	S-560027(2)	20	



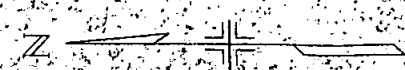
N.W. 1/4 Sec. 29, T. 9 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-560027(2)	21	

S.W. 1/4 Sec. 29, T. 9 S., R. 56 W.

N.E. 1/4 Sec. 30, T. 9 S., R. 56 W.

S.E. 1/4 Sec. 30, T. 9 S., R. 56 W.

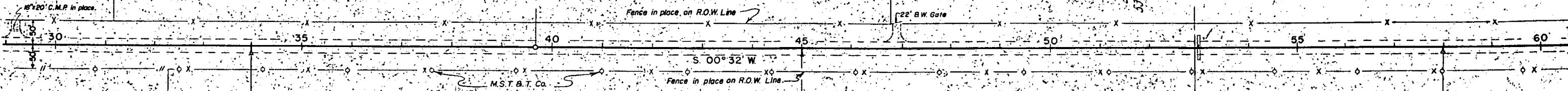


P.O.I. 39+65.4

46+90 - Reel road approach LI

53+00 - Reel 24' x 52' cross culvert & ditches

1/4 Sec. Line 2

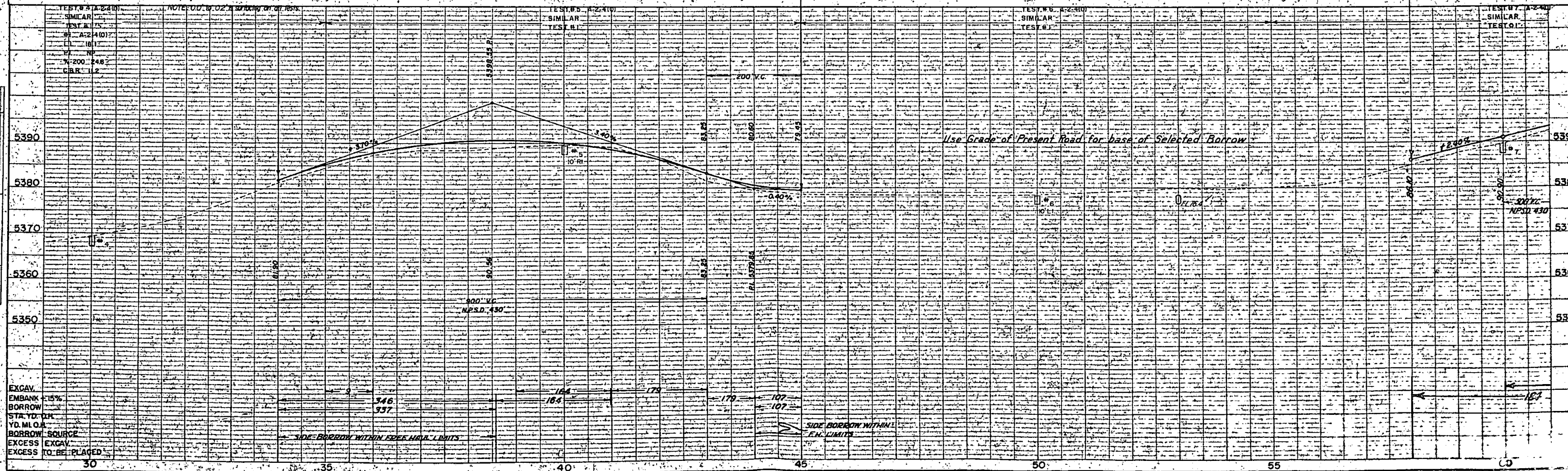


STA 34+00 BEG. GRADING

STA 45+00 END GRADING

STA 58+00 BEG. GRADING

CLEARING & GRUBBING
30+ to 34+ - None Estimated
34+ to 38+ - (Side Borrow) Light
Brush & Weeds Rt. & Lt.
38+ to 44+ - None Estimated
44+ to 45+ - (Side Borrow) Light
Brush & Weeds Rt. & Lt.
45+ to 60+ - None Estimated



N.W. 1/4 Sec. 29, T. 9 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-560027(2)	21	

S.W. 1/4 Sec. 29, T. 9 S., R. 56 W.

N.E. 1/4 Sec. 30, T. 9 S., R. 56 W.

S.E. 1/4 Sec. 30, T. 9 S., R. 56 W.

CLEARING & GRUBBING
30+ to 34+ - None Estimated
34+ to 38+ - (Side Borrow) Light
Brush & Weeds Rt. & Lt.
38+ to 44+ - None Estimated
44+ to 45+ - (Side Borrow) Light
Brush & Weeds Rt. & Lt.
45+ to 60+ - None Estimated

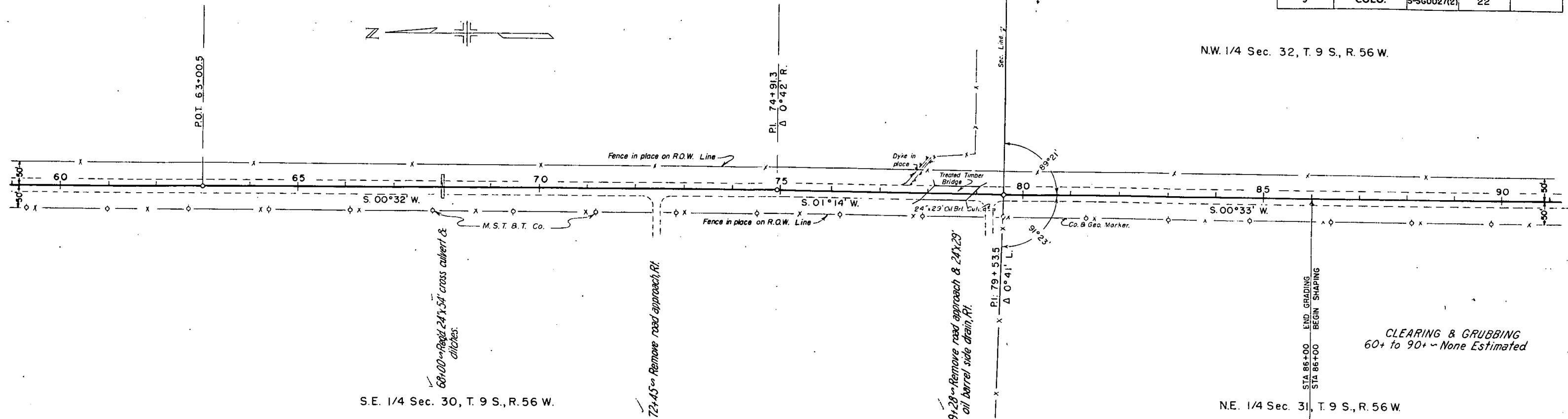
Use Grade of Present Road for base of Selected Borrow

S.W. 1/4 Sec. 29, T. 9 S., R. 56 W.

77+99.5 to 78+90 ~ Bridge in place
(Structure No. H-22-Q)
(No Work Section)

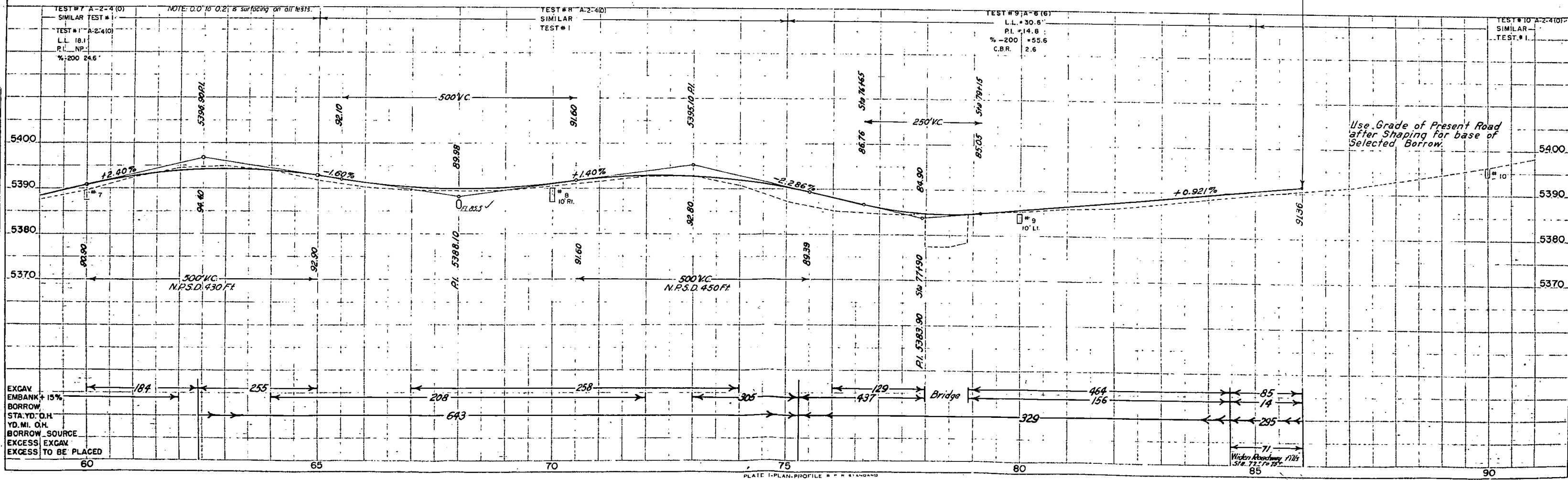
FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-560027(2)	22	

N.W. 1/4 Sec. 32, T. 9 S., R. 56 W.



S.E. 1/4 Sec. 30, T. 9 S., R. 56 W.

N.E. 1/4 Sec. 31, T. 9 S., R. 56 W.



N.W. 1/4 Sec. 32, T. 9 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-560027(2)	23	

S.W. 1/4 Sec. 32, T. 9 S., R. 56 W.

CLEARING & GRUBBING
90+ to 120+ None Estimated

S.E. 1/4 Sec. 31, T. 9 S., R. 56 W.

N.E. 1/4 Sec. 31, T. 9 S., R. 56 W.

NOTE: 0.00 to 0.2 is surcharging on old basis.

Use Grade of Present Road
after Shaping for base of
Selected Borrow.

N.P.S.D. 470

600' VC
N.P.S.D. 430 FF

EXCAV.
EMBANK + 15%
BORROW
STA. YD. OH.
YD. MI. OH.
BORROW SOURCE
EXCESS EXCAV.
EXCESS TO BE PLACED

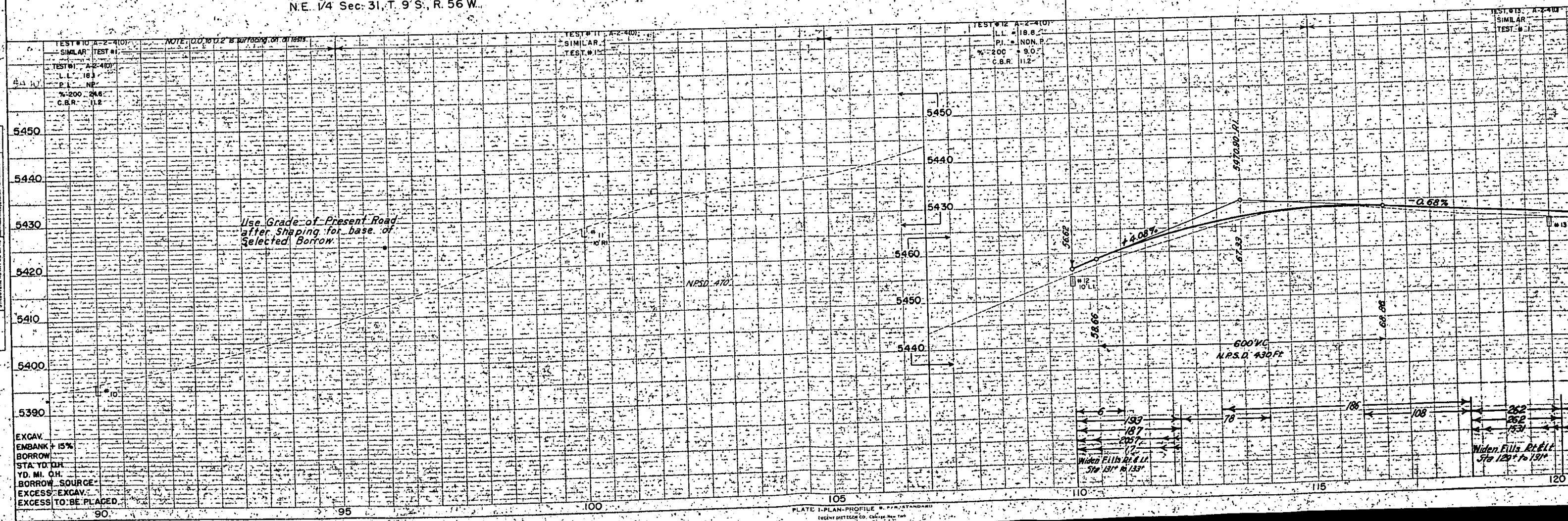
PLATE 1-PLAN-PROFILE R.P.R. STANDARD
EUGENE DETZLER CO. CHICAGO, ILL.

N.W. 1/4 Sec. 32, T. 9 S., R. 56 W.

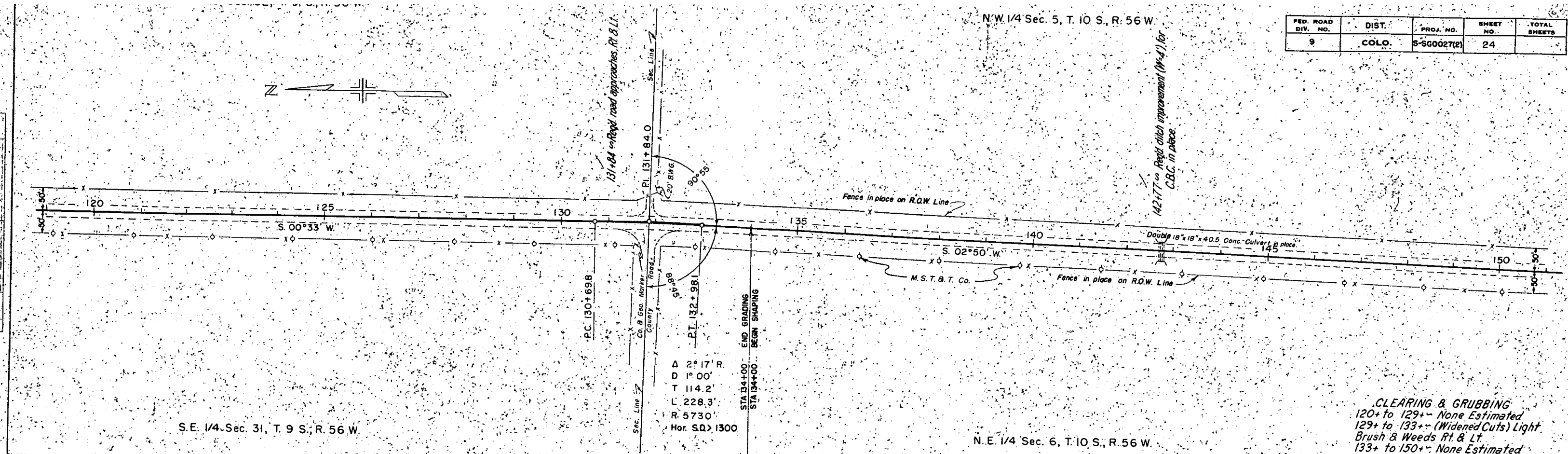
S.W. 1/4 Sec. 32, T. 9 S., R. 56 W.

CLEARING & GRUBBING
90+ to 120+ - None Estimated

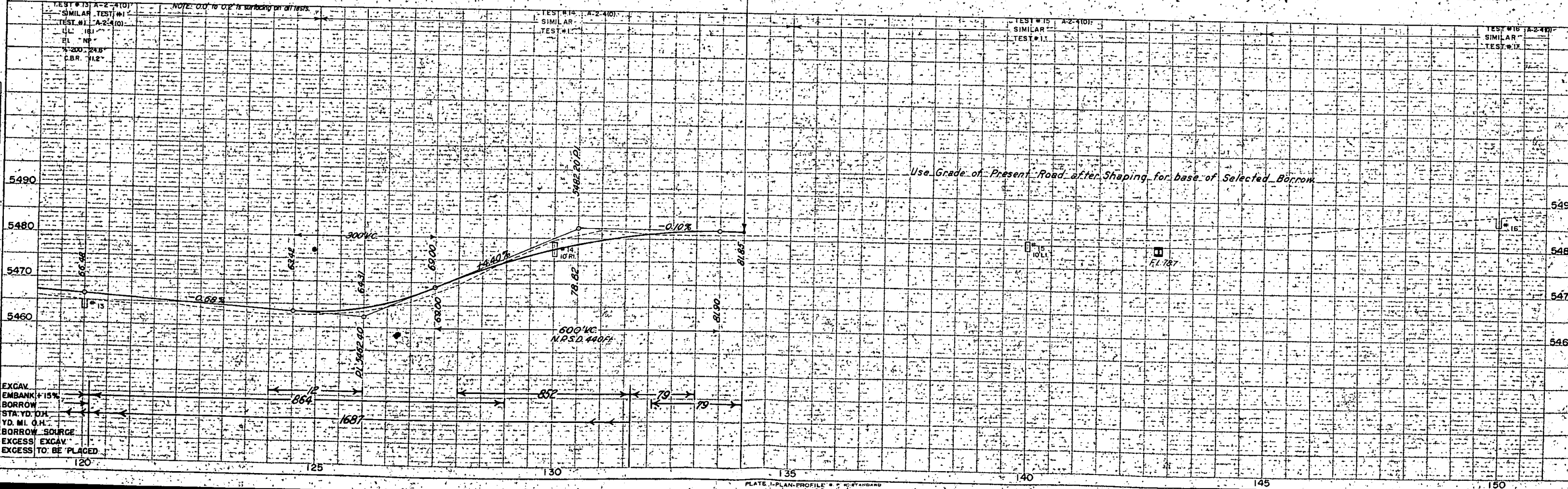
S.E. 1/4 Sec. 31, T. 9 S., R. 56 W.



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-560027(2)	24	



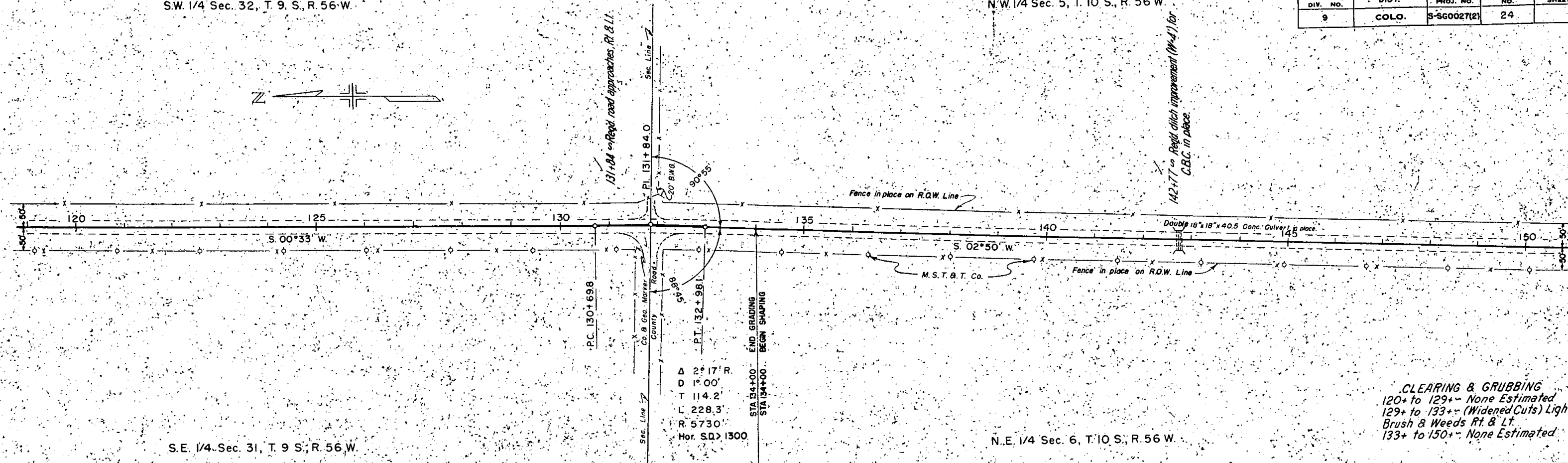
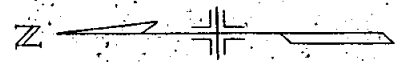
CLEARING & GRUBBING
 120+ to 129+~ None Estimated
 129+ to 133+~ (Widened Cuts) Light
 Brush & Weeds Rt & Lt.
 133+ to 150+~ None Estimated



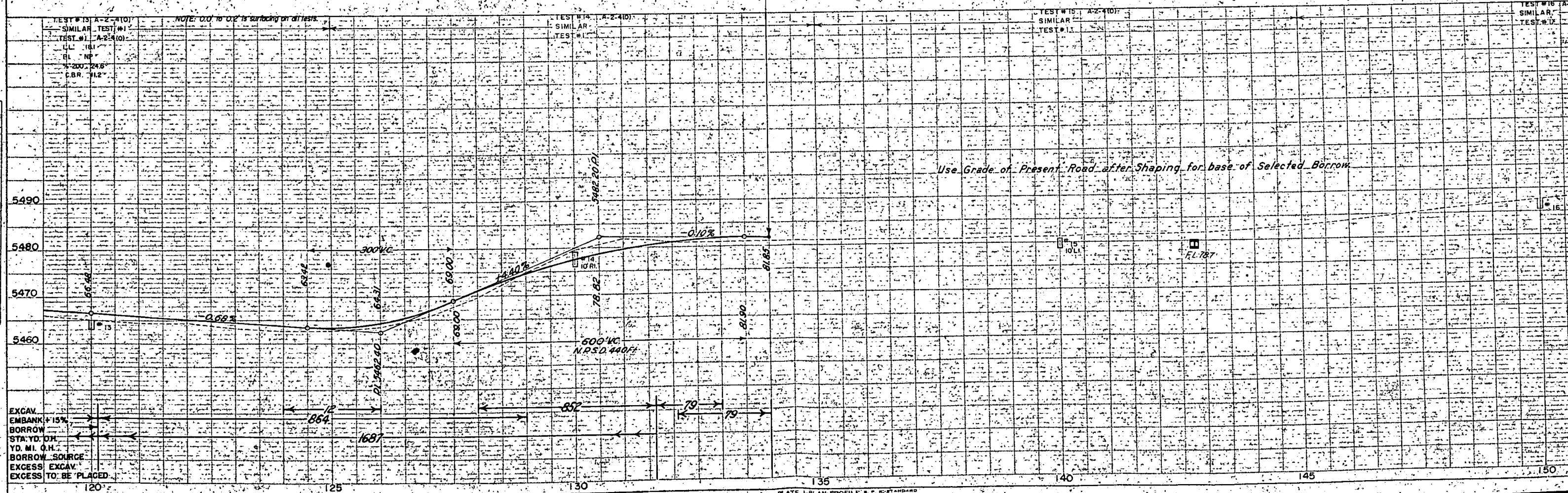
S.W. 1/4 Sec. 32, T. 9 S., R. 56 W.

N.W. 1/4 Sec. 5, T. 10 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEET
9	COLO.	S-560027(2)	24	



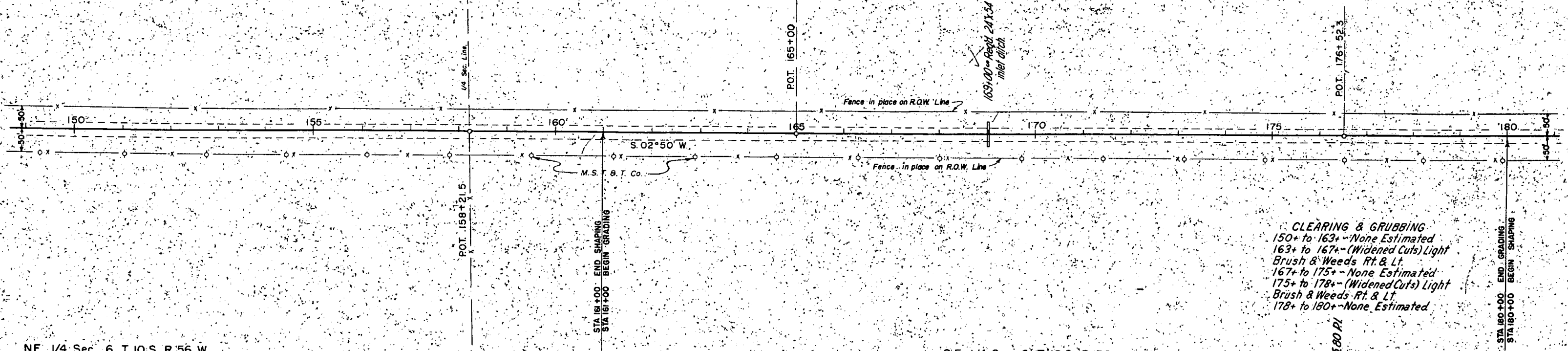
CLEARING & GRUBBING
 120+ to 129+ None Estimated
 129+ to 133+ (Widened Cuts) Light
 Brush & Weeds Rt. & Lt.
 133+ to 150+ None Estimated



N.W. 1/4 Sec. 5, T. 10 S., R. 56 W.

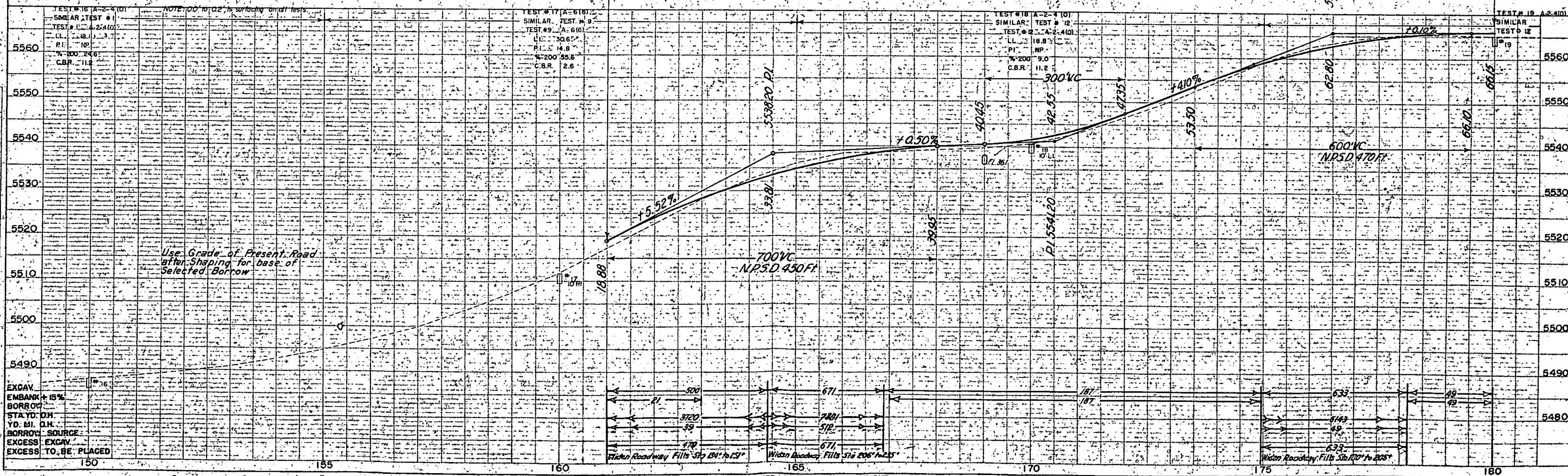
S.W. 1/4 Sec. 5, T. 10 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	8-560027(2)	25	



N.E. 1/4 Sec. 6, T. 10 S., R. 56 W.

S.E. 1/4 Sec. 6, T. 10 S., R. 56 W.

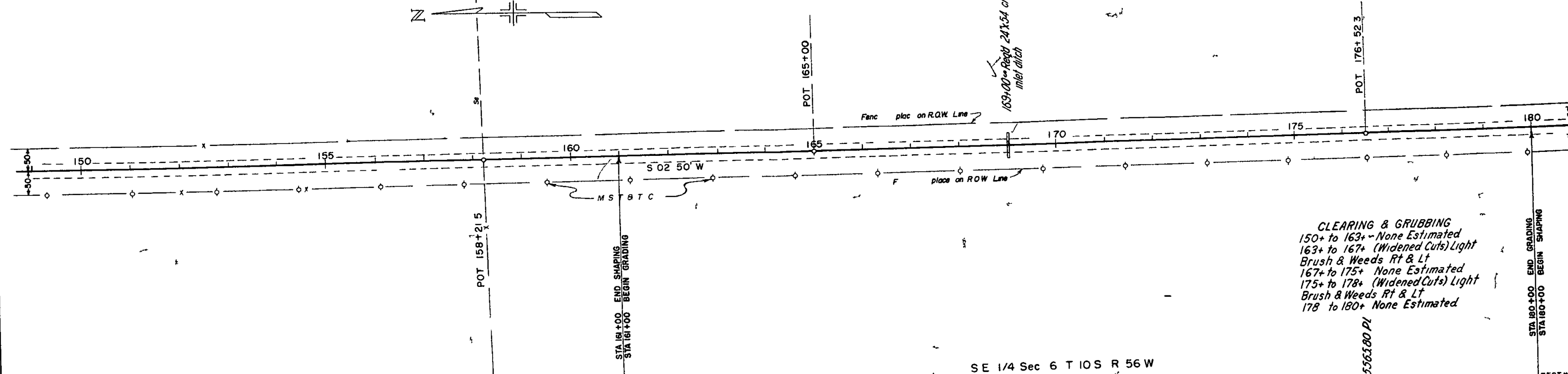
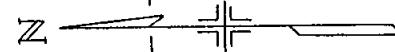


NW 1/4 Sec 5 T 10S R 56W

SW 1/4 Sec 5 T 10S R 56W

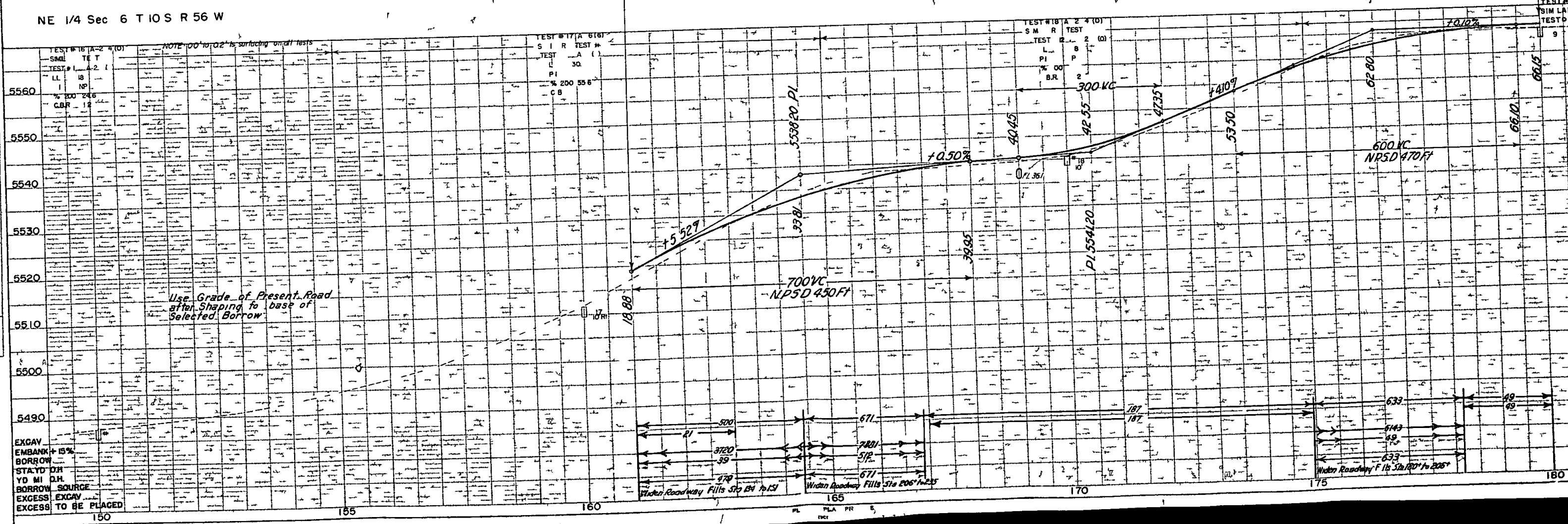
FED RD NO	DIST	PRO	NO	SHEET
9	COLO	S-560027(2)	25	

PLAN	DATE	BY	CHECKED	DATE
15/55				



NE 1/4 Sec 6 T 10S R 56W

SE 1/4 Sec 6 T 10S R 56W



S.W. 1/4 Sec. 5, T. 10 S., R. 56 W.

N.W. 1/4 Sec. 8, T. 10 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-5900272	26	

Δ 1° 29' L.
D 1° 00'
T 74.2'
L 148.3'
R 5730.0'
Hor. S.D. 1300'

184.57' - Road 18' x 28' side drain, Rt. road
approaches, Rt & Lt

202+10 - Road 24' x 34' cross culvert &
inlet ditch. Remove 18' x 18' x 34' T.C.C.

S.E. 1/4 Sec. 6, T. 10 S., R. 56 W.

N.E. 1/4 Sec. 7, T. 10 S., R. 56 W.

CLEARING & GRUBBING
180+ to 210+ - None Estimated

NOTE: 0.00 to 0.25 is surcharging on all tests

TEST # 20 A-2 (6)
SIMILAR TEST # 9
TEST # 9 A-2 (6)
L 30.6
R 14.8
% 200 55.6
C.B.R. 2.6

TEST # 21 A-2 (6)
SIMILAR TEST # 9
TEST # 9 A-2 (6)
L 30.6
R 14.8
% 200 55.6
C.B.R. 2.6

TEST # 22 A-2 (6)
SIMILAR TEST # 9
TEST # 9 A-2 (6)
L 30.6
R 14.8
% 200 55.6
C.B.R. 2.6

Use Grade of Present Road after Shaping for base of Selected Borrow

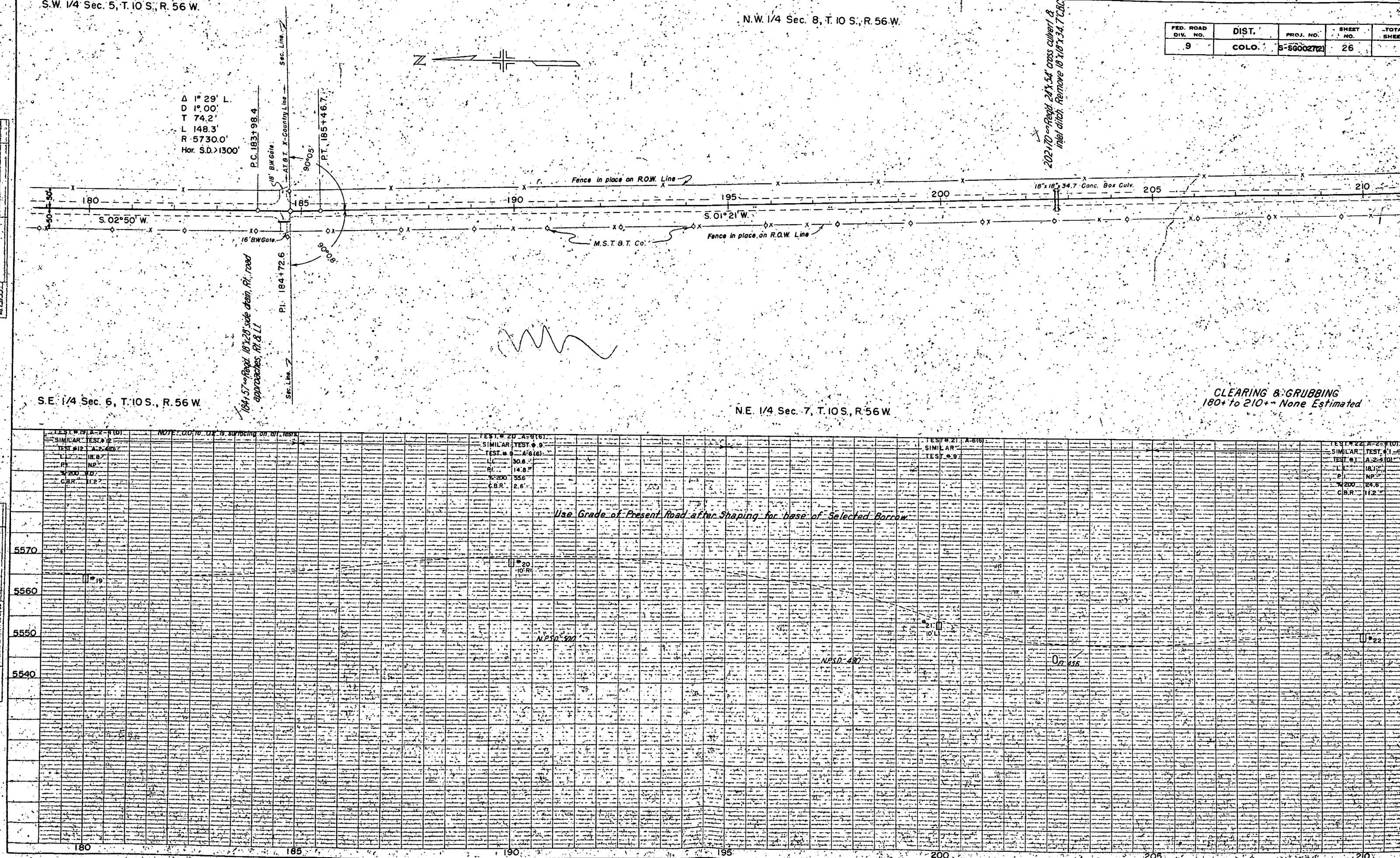
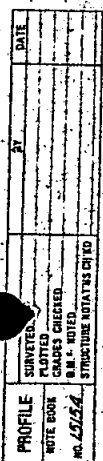
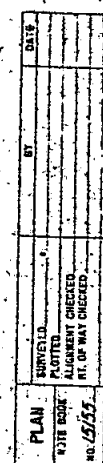
N.P.S.D. 320

N.P.S.D. 430

0.11 416

N.W. 1/4 Sec. 8, T. 10 S., R. 56 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEET
9	COLO.	S-5600272	26	

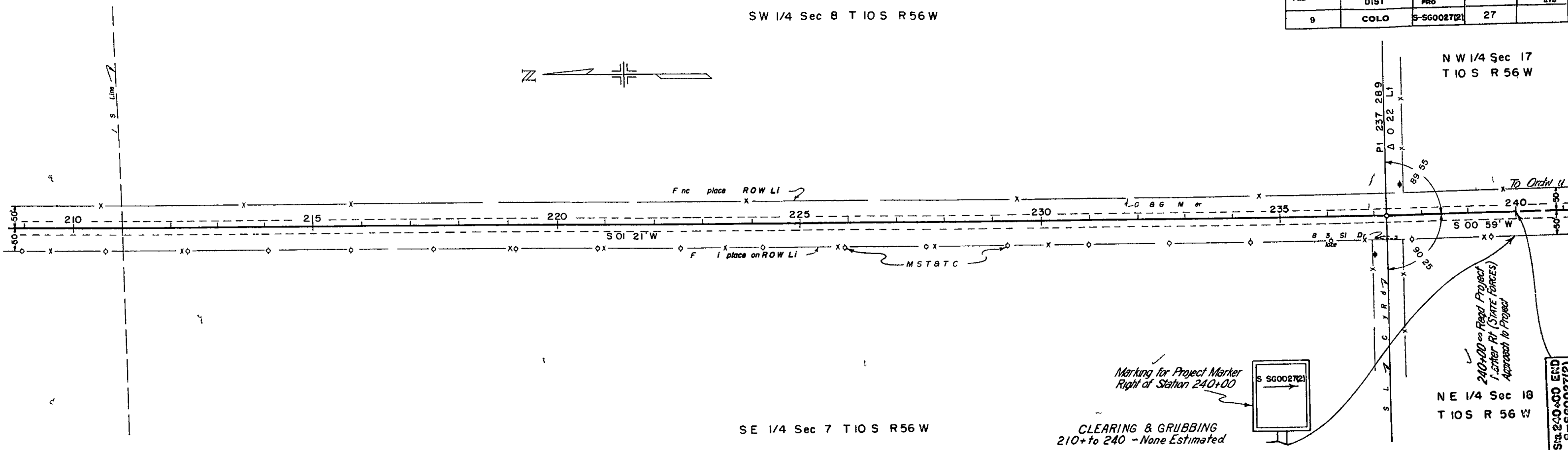
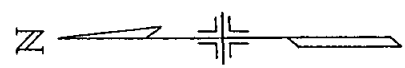


FED	DIST	PRO	KEY	DT
9	COLO	S-SG0027(2)	27	

SW 1/4 Sec 8 T 10 S R 56 W

NW 1/4 Sec 17
T 10 S R 56 W

NE 1/4 Sec 18
T 10 S R 56 W



SE 1/4 Sec 7 T 10 S R 56 W

DATE	
PLAN	1555
VEY D	
PLG TE	
CU	
ED	
EC	

TE	
DATE	
PROFILE	
SU	
END	
PLATTE	
MA	
ES	
STRUCTURE	
AD	

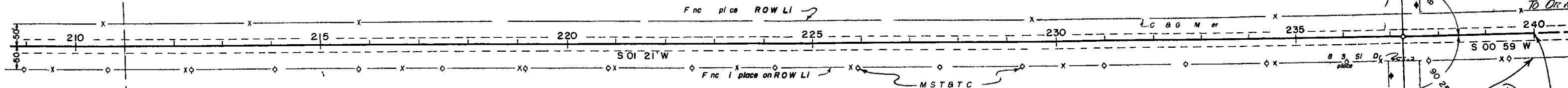
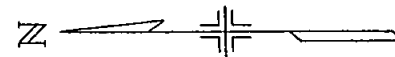
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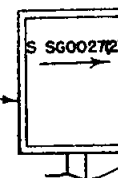
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