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COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

FEDERAL AID SECONDARY PROJECT NO. S 0015 (I)

STATE HIGHWAY NO. 63

WASHINGTON COUNTY

SCALES OF ORIGINAL TRACINGS
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
NET LENGTH OF PROJECT (INSIDE AKRON = 6410 FT. = 0.121 MI. - OUTSIDE AKRON = 13,800 FT. = 2.629 MI.) = 14,521.0 FT. = 2.750 MI.

CONVENTIONAL SIGNS

CENTER LINE
RIGHT-OF-WAY LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER SECTION LINE
SIXTEENTH SECTION LINE
PROPERTY OR TRACT LINE
CITY LIMITS
RAILROAD
BARBED WIRE FENCE
WOVEN WIRE COMBINATION FENCE
TELEPHONE & TELEGRAPH LINE
POWER LINE
PRESENT ROAD (PLAN SHEETS)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0015(I)	1	

NOTE:

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.
Gen. Donforth Resident Engineer Wray
Edward W. Oviatt Construction Engineer Greeley

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

RECOMMENDED FOR APPROVAL

Assistant Engineer
10-5-49

APPROVED

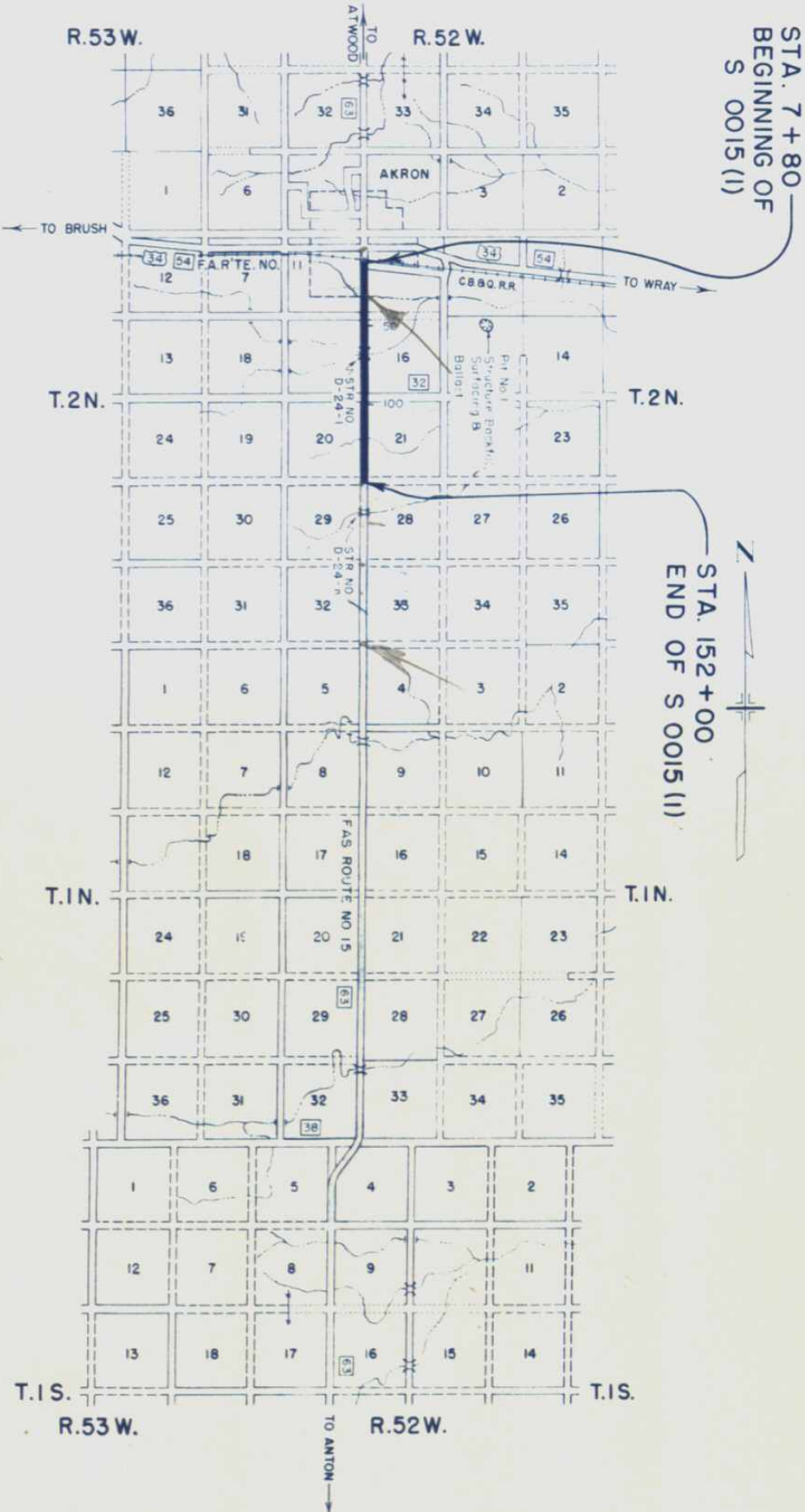
State Highway Engineer
10-5-49

RECOMMENDED FOR APPROVAL

District Engineer
10-5-49

APPROVED

Division Engineer
Bureau of Public Roads
Department of Commerce



NOTE:

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

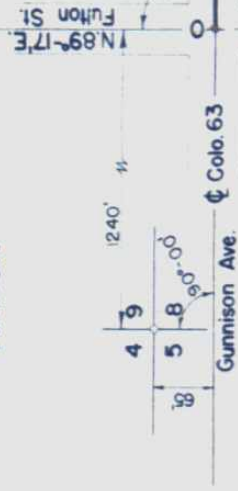
Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments. R.O.W. Markers and Marker Posts are tabulated on Sheet No. 3.

- Installations At Rail Road Crossing
1. 4"x10"x30" Plank Crossing 7' Wide. Extends Approx. 27' Left & 3' Right of New &
 2. Dirt & Cedar Crossing. Extends About 27' Left & 3' Right of New &
 3. R.R. Switch Standard
 4. R.R. Crossing Signal
 5. R.R. Elec. Switch Box
 6. R.R. Switch Standard
 7. R.R. Signal Light
 8. R.R. Signal Light
 9. R.R. Elec. Switch Box
 10. R.R. Elec. Switch Box
 11. R.R. Crossing Signal
 12. Bus Stop Sign



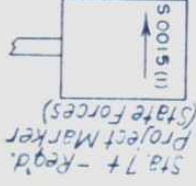
N.W. 1/4 Sec. 9
T.2N., R.52 W.

AKRON



N.E. 1/4 Sec. 8

FORCE ACCOUNT
Sta. 8+04 - R.R. Grade Crossing (Work by C.B. & Q.R.R. Co. Forces)



**STA. 7 + 80.0
BEGINNING OF
S 0015 (1)**

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
A = 15°00' RT
D = 7°50'
T = 963'
L = 1915'
R = 7315'
HSD 400'

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

OFFICE PROJ.
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OFFICE PROJ.
A = 13°15' RT
D = 2°15'
T = 2958'
L = 5889'
R = 25467'
HSD > 600'

NOTE: On Mat. Curb & Gutter from Sta. 0+00 to Sta. 5+00. Oil Mat in fair condition.

NOTE: The super-elevation for curve Pt. 7+73.7 shall be that for a 6' curve shown on the Standard Super-elevation Sheet.

NOTE: It is estimated that oil borrow required for building up shoulders will be obtained on the R.O.W. within freehaul limits.

EXCAV
EMB.
STA. YD. O'HAUL
YD. M.O'HAUL
BORROW SOURCE

PLATE 1-PLAN-PROFILE & P. H. STANDARD
ENGINE DISTANCE CO. Chicago New York

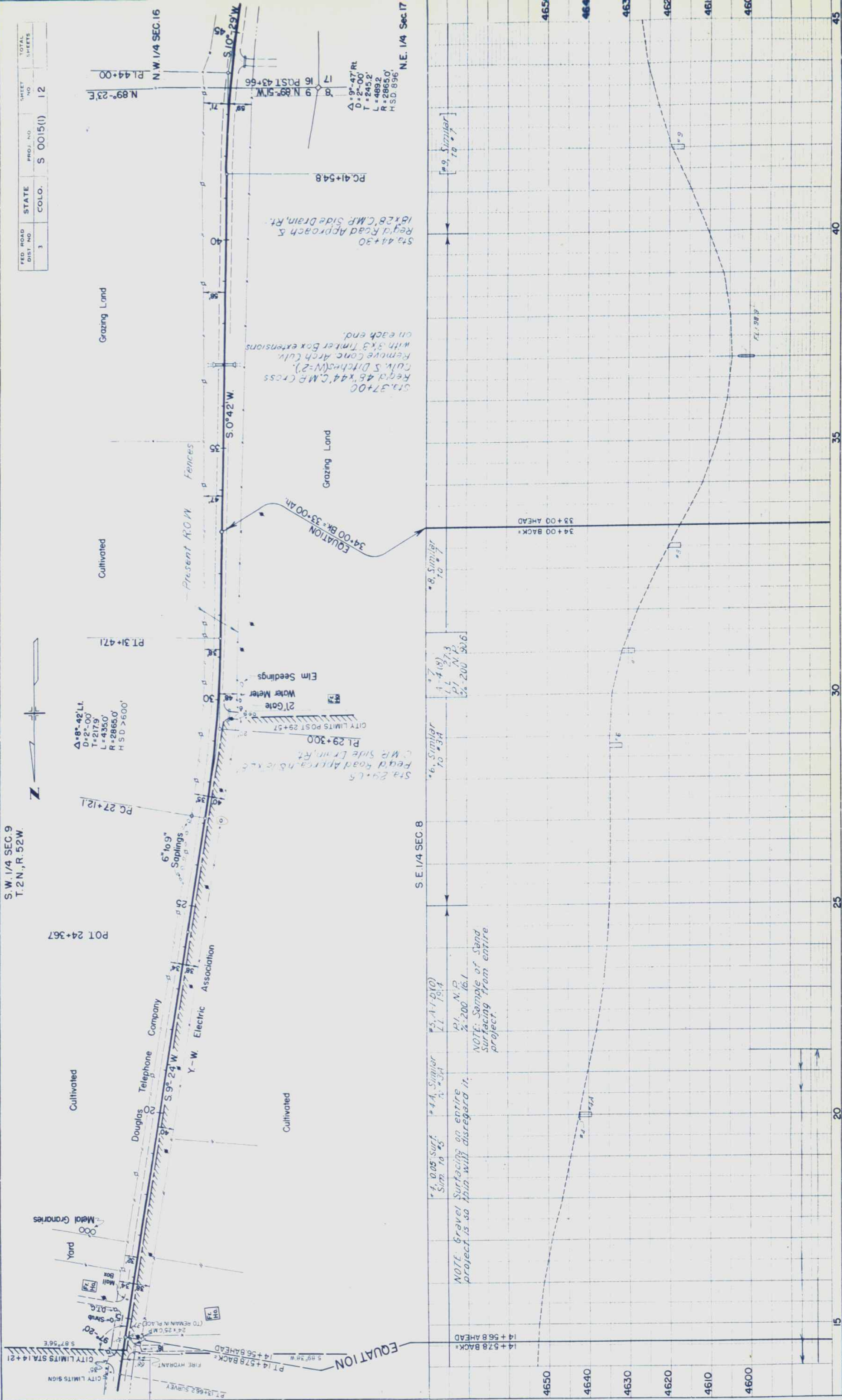


FEED ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0015(1)	11	11

S.W. 1/4 SEC. 9
T.2N., R. 52W.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0015(1)	12	

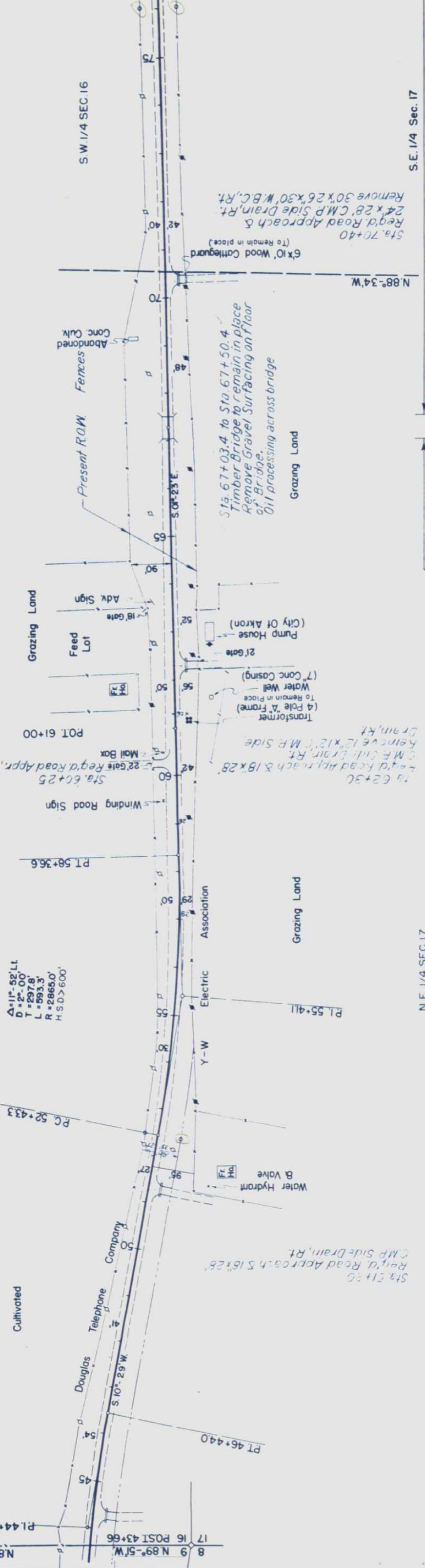


N.W. 1/4 SEC. 16
T. 2 N., R. 52 W.



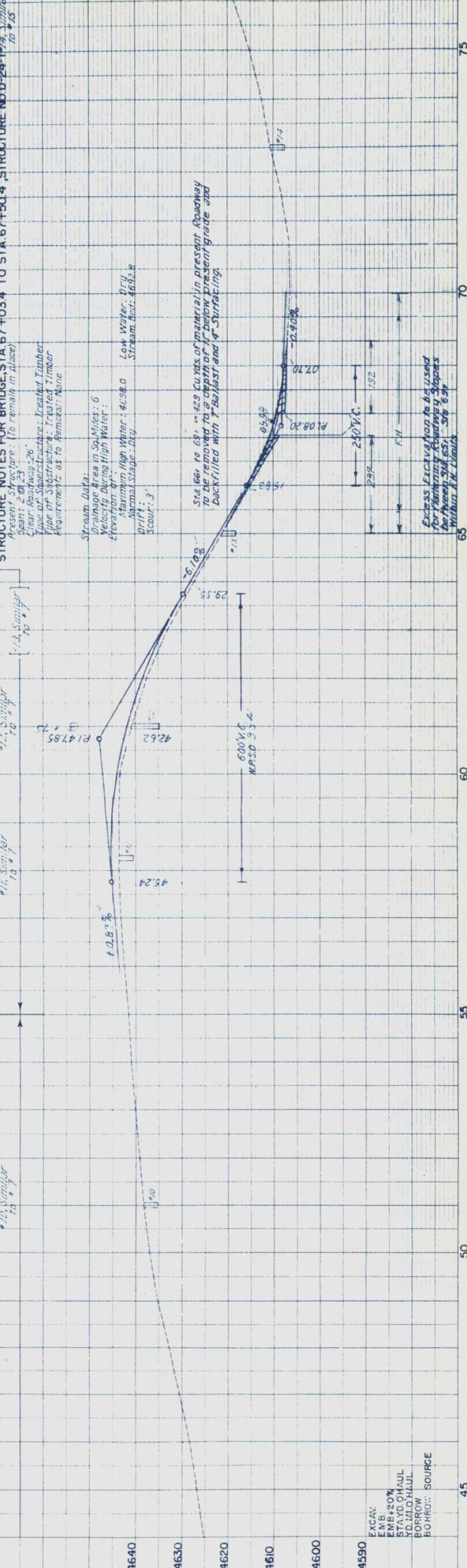
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0015(1)	13	

$\Delta=11^{\circ}-52'Lt$
 $D=2^{\circ}-00'$
 $T=297.8'$
 $L=993.3'$
 $R=2865.0'$
 $HSD>600'$



NE 1/4 SEC. 17

SE 1/4 SEC. 17



STRUCTURE NOTES FOR BRIDGE, STA. 67+03.4 TO STA. 67+50.4, STRUCTURE NO. D-24-17-14, Similar to 15

Present Structure: (To remain in place)
Span: 26'x23'
Clear Roadway: 26'
Type of Superstructure: Treated Timber
Type of Substructure: Treated Timber
Requirements as to Remains: None

Stream Data:
Drainage Area in Sq. Miles: 6
Velocity During High Water:
Elevation of:
Maximum High Water: 46.98.0
Normal Stage: Dry
Drift: 3'
Scout: 3'

Sta. 66+10 to 69+10: 429 Cu. Yds. of material in present roadway to be removed to a depth of 1' below present grade and backfilled with 7" Ballast and 4" Surfacing.

Excess Excavation to be used for retaining roadway slopes between Sta. 65+10 to Sta. 69+10 within 1 ft limits.

NOTE BOOK
GRADES CHECKED
BM: NOTED
NO. 14732
STRUCTURE NOTES AS CHD

EXCAV.
EMB+20%
STAYD. CHAUL
YD. MLO. HAUL
BORROW
SOURCE

N.W. 1/4 Sec. 21
T.2 N., R.52 W.

S.W. 1/4 Sec. 21

S.E. 1/4 Sec. 20

N.E. 1/4 Sec. 20

FED. ROAD DIST. NO.	STATE COLO.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3		S 0015 (I)	15	



Cultivated

Cultivated

POT 111+00

Present R.O.W. Fences

Douglas Telephone Company

Grazing Land

Grazing Land

Cultivated

Sta. 128+65
Reg'd. Road Approach, Lt.
Seedlings
Moll Box
25 Gate
0.5 Metal Granary
16 Gate

Sta. 121+50
Reg'd. 48'x44' C.M.P. Cross
Cul. 5 Ditch (N=2)
Remove 57'x43'x40' W.B.C.

Pt. 129+00
Δ=0°-15' Lt.

NOTE: No. 24A Represents
2+ Material from Sts.
125+00 to Sta. 130+00

#21
A=616
LL 34.9
PI 12.9
% 200 60.8

#20 Similar
to #21

#22 Similar
to #5

#22 A Similar
to #15

#23
A=618
LL 34.8
PI 15.2
% 200 64.2

#24 Similar
to #23
A=610
LL 35.9
PI 15.7
% 200 64.0
C.B.R. 3.6

#25 Similar
to #23

#26

A=610
LL 35.9
PI 15.7
% 200 64.0
C.B.R. 3.6

4670

4660

4650

4640

105

110

115

120

125

130

135

ANDERSON
DOYLE & MAULTSBY
4-49

PLAN
SURVEYED
PLOTTED
NOTE BOOK
ALIGNED
CHECKED
BY
DATE

ANDERSON
DOYLE & MAULTSBY
6-49

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
ALIGNED
CHECKED
BY
DATE

NO. 1712

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0015(1)	16	

N.E. 1/4 Sec. 29

