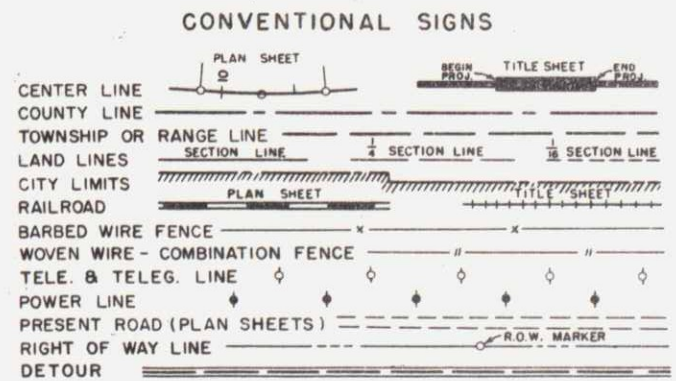


COLORADO DEPARTMENT OF HIGHWAYS

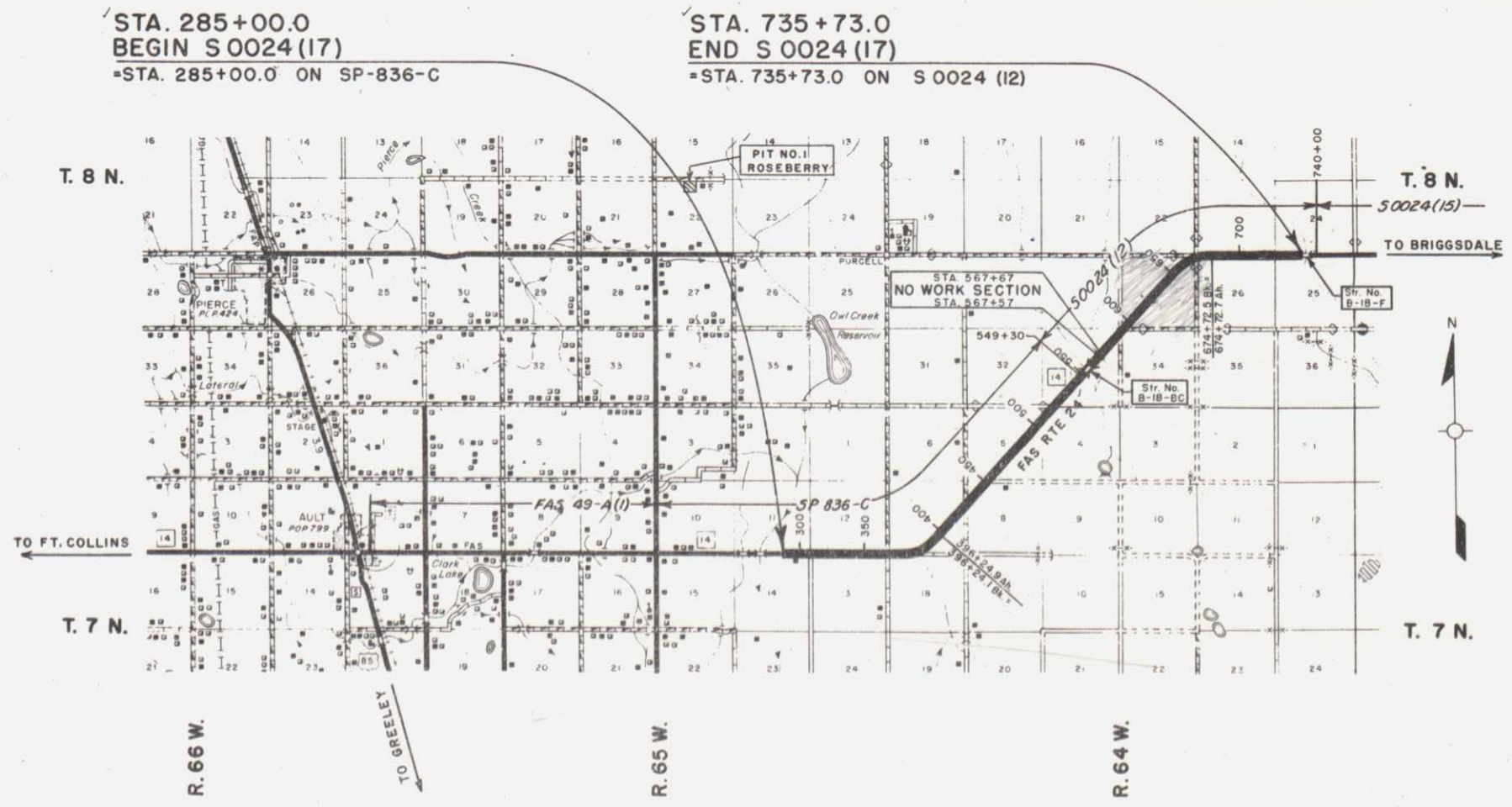
PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S 0024 (17) STATE HIGHWAY NO. 14 WELD COUNTY

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	S 0024 (17)	1



SCALES OF ORIGINAL DRAWINGS
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 45,072.0' = 8.536 mi.
NET LENGTH OF PROJECT 45,062.0' = 8.534 mi.

INDEX OF SHEETS	
SHEET NO.	
1	Sketch Map and Title Page
2	Typical Sections and General Notes
3	Summary of Approximate Quantities and Tabulation of Length & Design
4	Pit Location, Surfacing Plan and Sub-base Plan
5	Summary of Earthwork Quantities and Delineators & Removing Timber Guard Posts
6-7	List of Structure Quantities
8-23	Alignment Plan and Profile
24-46	Cross Sections
M-1-D	Superelevation and Widening of Curves - Crowned Highways
M-2-A	Approach Roads, Flaring, Cut Slope Treatment, Bridge & Crest Widening.
M-6-B	Construction Traffic Signs (2 sheets)
M-6-C	Identification Signs
M-13-A	Ditch Types
M-16-A	Backfill Around Structures
M-192-A	Delineators



AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN



SEE SPECIAL PROVISIONS FOR
NOTICE TO BIDDERS

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED: *Walter C. [Signature]* 7-12-63
CHIEF ENGINEER DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DIVISION ENGINEER

R.L.M.

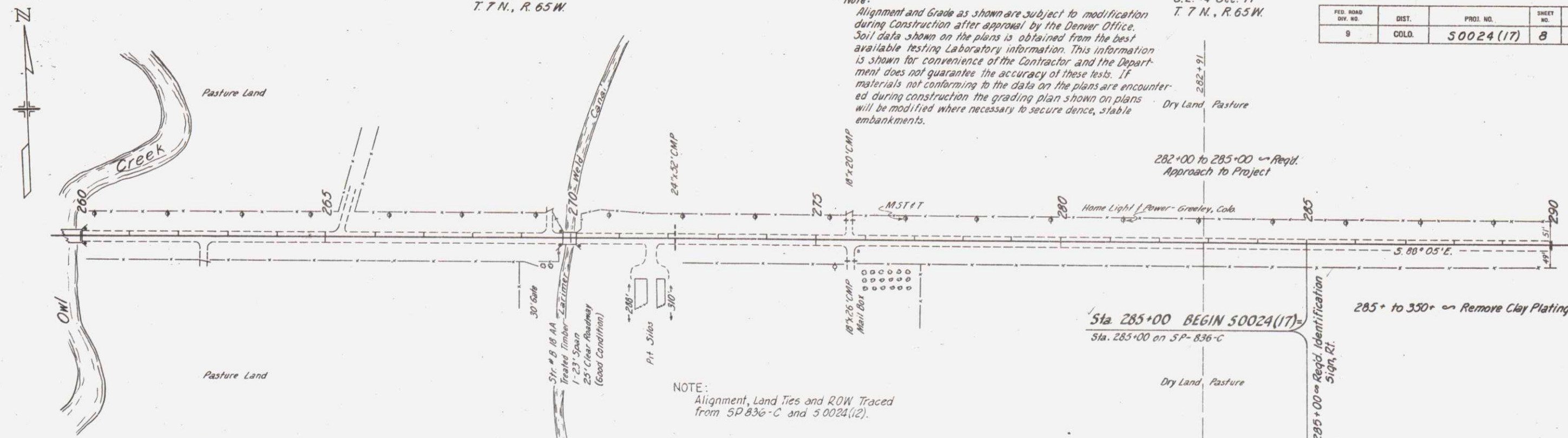
S.W. 1/4 Sec. 11
T. 7 N., R. 65 W.

S.E. 1/4 Sec. 11
T. 7 N., R. 65 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLD.	50024 (17)	8	

Note:

Alignment and Grade as shown are subject to modification during Construction after approval by the Denver Office. Soil data shown on the plans is obtained from the 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 the plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.



NOTE:
Alignment, Land Ties and ROW Traced from SP-836-C and 50024(12).

B.M. Elev. 4868.63
23' Lt. Sta. 265+50
H+G

B.M. Elev. 4870.31
20' Lt. Sta. 267+50
H+G

B.M. Elev. 4882.23
50' Lt. Sta. 269+00
H+G

N.W. 1/4 Sec. 14
T. 7 N., R. 65 W.

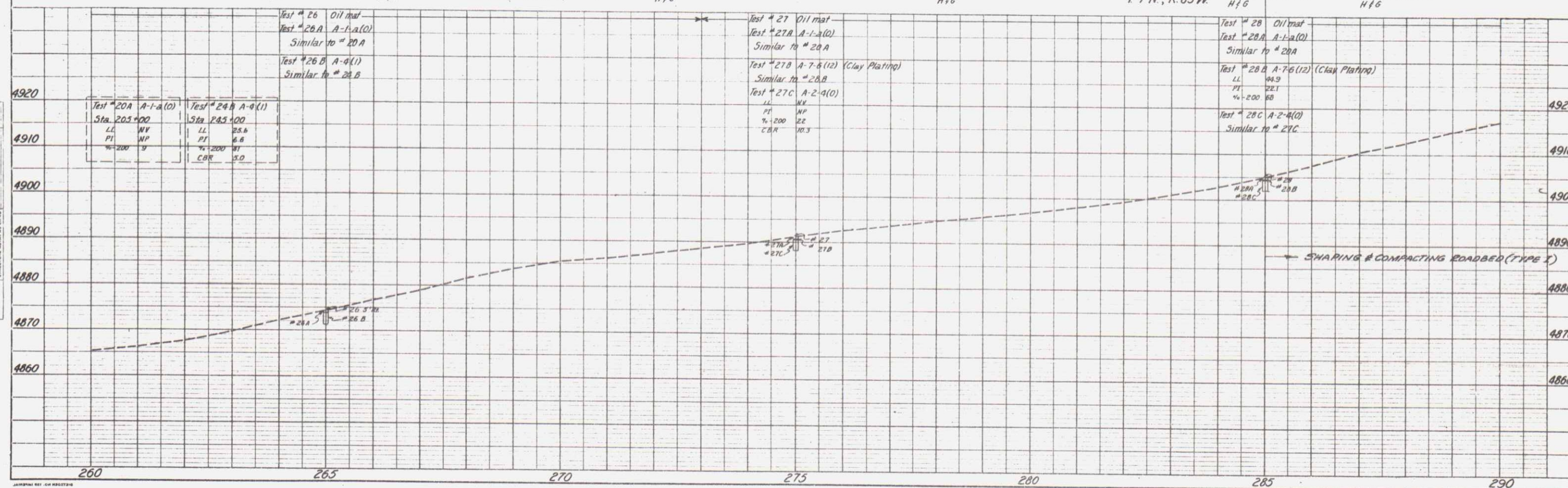
B.M. Elev. 4885.48
50' Lt. Sta. 272+13
H+G

B.M. Elev. 4894.64
50' Lt. Sta. 278+00
H+G

N.E. 1/4 Sec. 14
T. 7 N., R. 65 W.

B.M. Elev. 4898.35
50' Lt. Sta. 284+00
H+G

B.M. Elev. 4909.19
50' Lt. Sta. 287+00
H+G



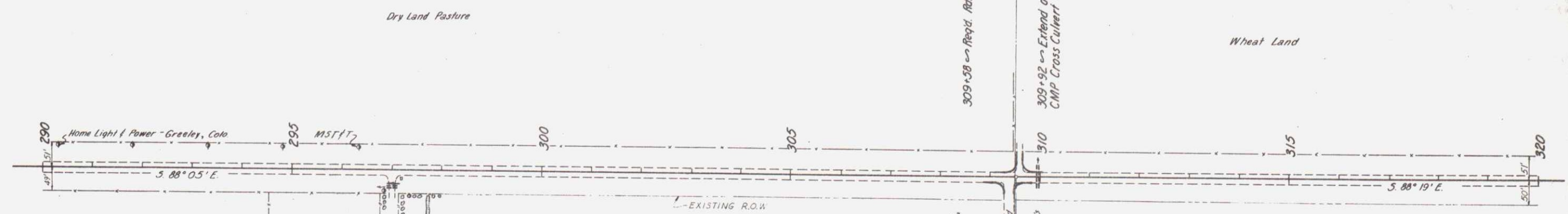
NOTE BOOK
ALIGNMENT CHECKED
BY OF MAY CHECKED
NO.
TOPOG. SK. #34657

NOTE BOOK
GRADES CHECKED
B.M. & NOTED
STRUCTURE NOTING CARD
NO. / G.P.T.

S.E. 1/4 Sec. 11
T. 7 N., R. 65 W.

S.W. 1/4 Sec. 12
T. 7 N., R. 65 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0024 (17)	9	



Ditch cleaned 309+00 To 346+50 RT.

B.M. Elev. 4918.21
50' Lt. Sta. 292+00
H & G

N.E. 1/4 Sec. 14
T. 7 N., R. 65 W.

B.M. Elev. 4927.26
50' Lt. Sta. 297+00
H & G

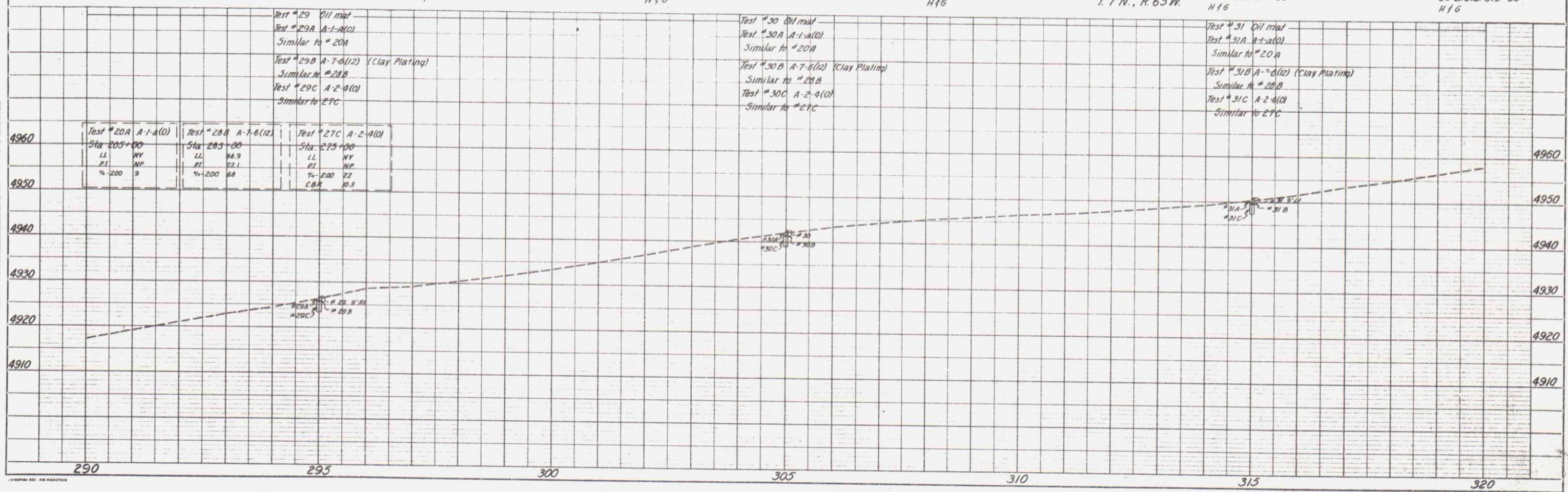
B.M. Elev. 4935.38
50' Lt. Sta. 302+00
H & G

B.M. Elev. 4942.94
50' Lt. Sta. 308+00
H & G

N.W. 1/4 Sec. 13
T. 7 N., R. 65 W.

B.M. Elev. 4946.16
50' Lt. Sta. 314+00
H & G

B.M. Elev. 4953.14
50' Lt. Sta. 319+00
H & G



PLAN

DATE	BY
NOTED	BY
APPROVED	BY
IN CHARGE	BY

PROFILE

DATE	BY
NOTED	BY
APPROVED	BY
IN CHARGE	BY

S.W. 1/4 Sec. 12
T. 7 N., R. 65 W.

S.E. 1/4 Sec. 12
T. 7 N., R. 65 W.

FIG. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COOL.	S 0024 (17)	10	



334+ to 342+ ~ Req'd Ditch Cleaning, LT

349+ to 363+ ~ Req'd Ditch Cleaning, LT

346+50 installed 24"x48' CMP
Cross Culvert

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLATTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

TOPOG. DATA 24657

B.M. Elev 4962.41
30' LT Sta 323+00
H+6

N.W. 1/4 Sec. 13
T. 7 N., R. 65 W.

B.M. Elev 4968.17
30' LT Sta 328+00
H+6

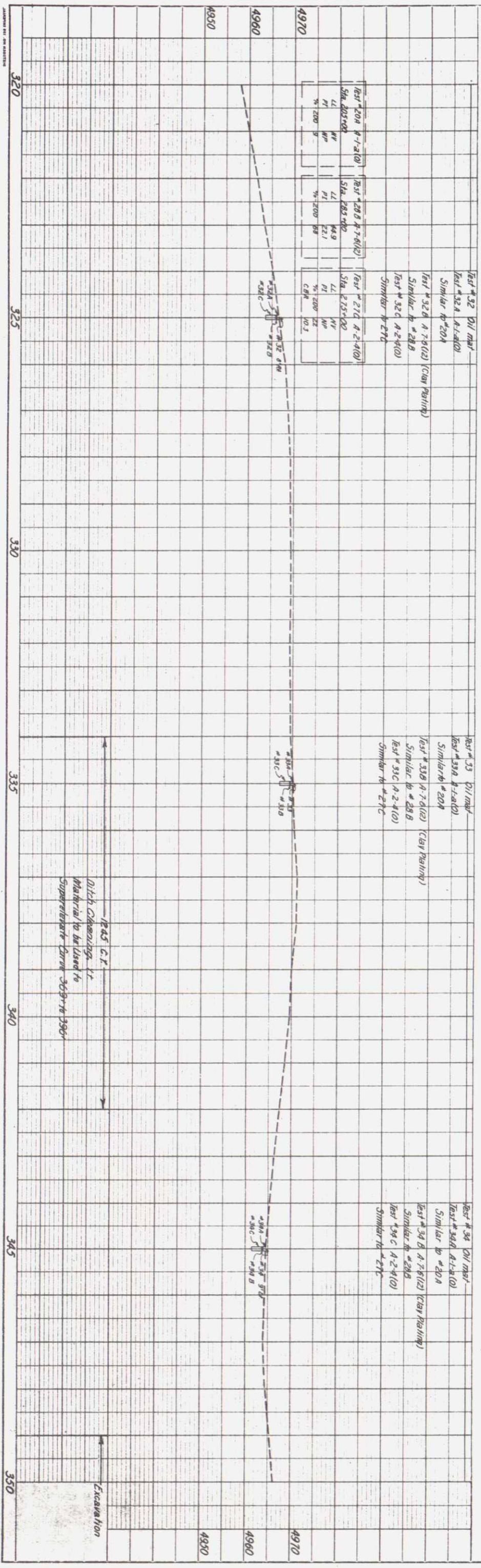
B.M. Elev 4968.05
30' LT Sta 333+00
H+6

B.M. Elev 4967.47
30' LT Sta 341+50
H+6

N.E. 1/4 Sec. 13
T. 7 N., R. 65 W.

B.M. Elev 4961.77
30' LT Sta 347+00
H+6

PROFILE	CONVEYED	BY	DATE
NOTE BOOK	PLATTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		



ADDITIONAL DATA ON SEPARATE SHEET

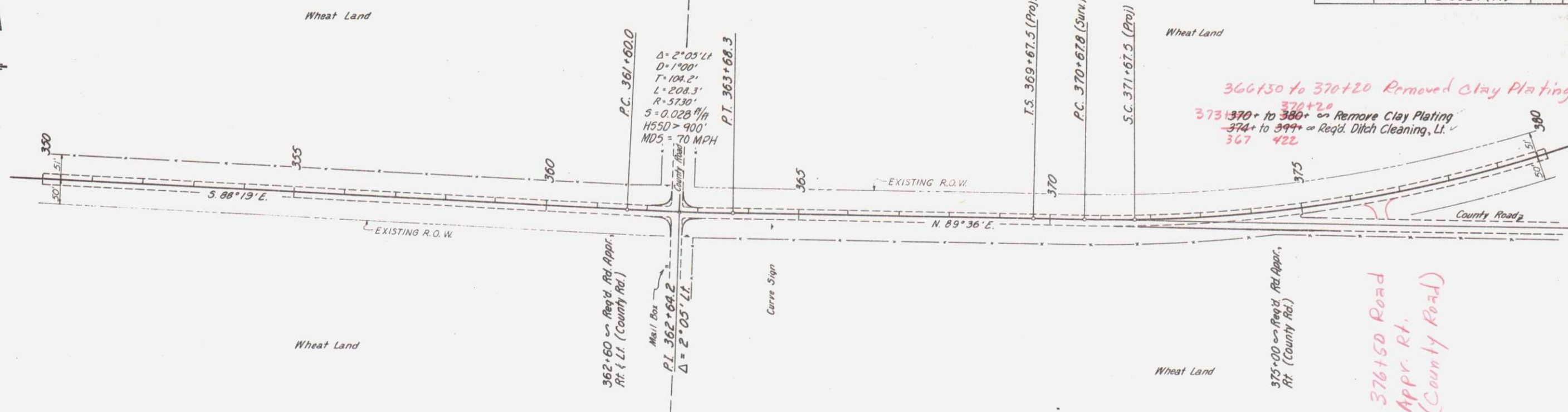
PLAN	DATE
SURVEYED BY	
NOTED BY	
NO.	
10255 24 24657	

PROFILE	DATE
SURVEYED BY	
NOTED BY	
NO.	
10255 24 24657	

S.E. 1/4 Sec. 12
T.7N., R.65W.

S.W. 1/4 Sec. 7
T.7N., R.64W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLD.	S 0024 (17)	11	



B.M. Elev. 4965.98
30' Lt. Sta. 353+00
H+G

N.E. 1/4 Sec. 13
T.7N., R.65W.

B.M. Elev. 4966.03
50' Lt. Sta. 359+00
H+G

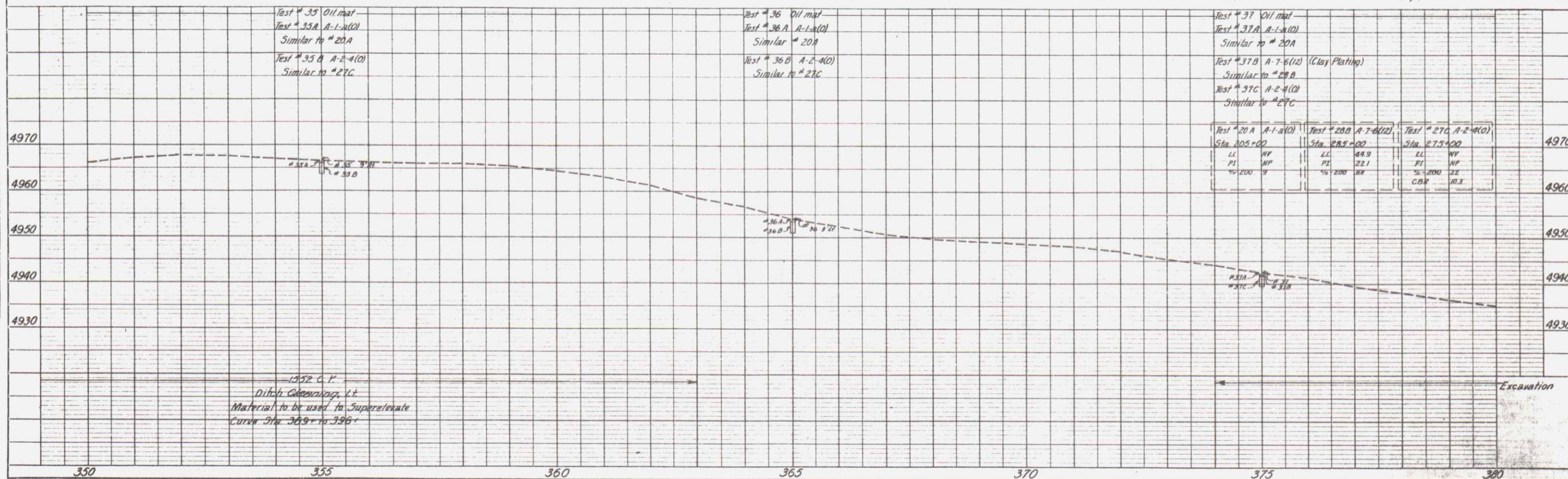
B.M. Elev. 4957.75
50' Lt. Sta. 363+00
H+G

B.M. Elev. 4950.12
30' Lt. Sta. 365+00
H+G

N.W. 1/4 Sec. 18
T.7N., R.64W.

B.M. Elev. 4944.54
30' Lt. Sta. 372+40
H+G

B.M. Elev. 4936.35
30' Lt. Sta. 378+00
H+G



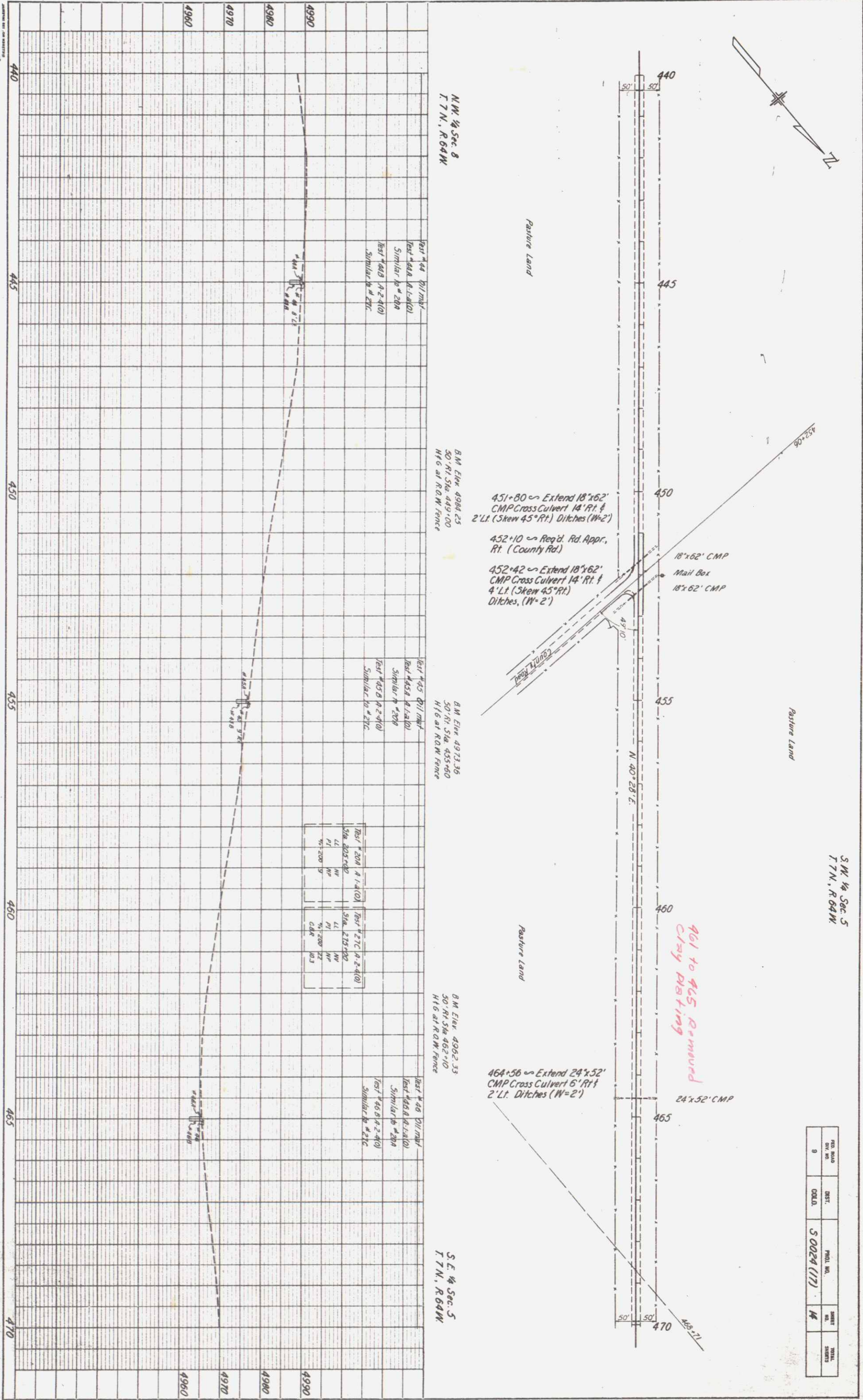
1552 C.V.
Ditch Cleaning, Lt.
Material to be used to Superseal
Curve Sta. 369+ to 396+

FED. ROAD CON. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	5 0024 (117)	12	

FEED BOARD DIV. NO.	DIST.	PROD. NO.	SHEET NO.	TOTAL SHEETS
9	COLD.	5 0024 (17)	13	

PLAN		SURVEYED	
NOTE BOOK	NO	PLOTTED	ALIGNED
		GRADES CHECKED	RT. OF WAY CHECKED
TPPG. BK. # 24657			

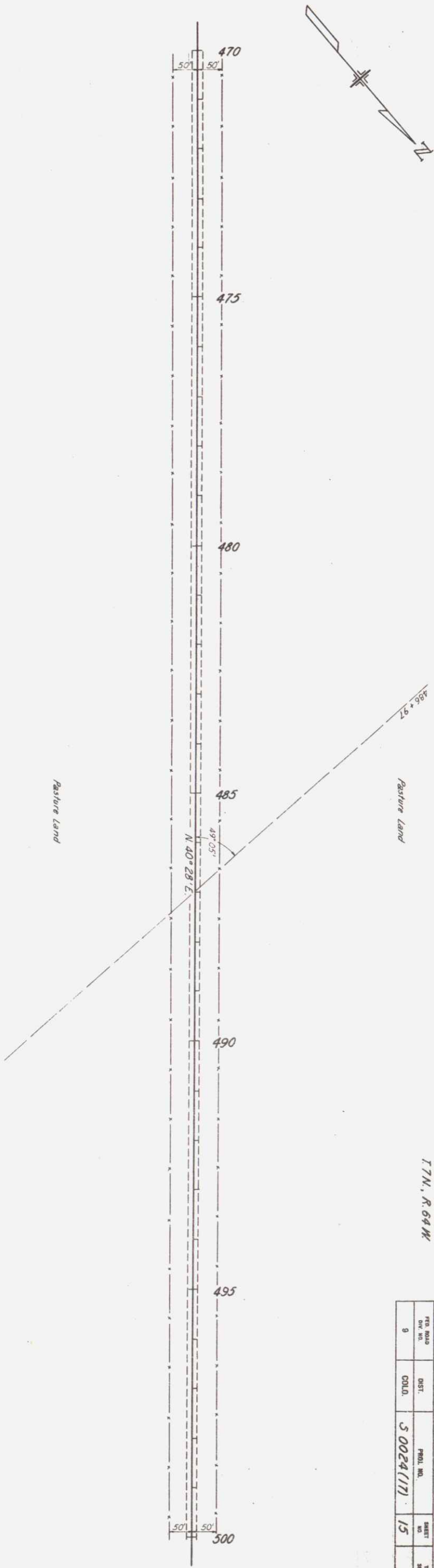
PROFILE		SURVEYED	
NOTE BOOK	NO	PLOTTED	ALIGNED
		GRADES CHECKED	RT. OF WAY CHECKED
STRUCTURE NOTATIONS CH. 60			



REL. ROAD	DIST.	PROJ. NO.	SHEET	TOTAL
8	COLO.	50024 (17)	14	17

FEED ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLL.	S 0024(17)	15	

N.E. 1/4 Sec. 5
T.7N., R.64W.



ALIGNMENT CHECKED	AT OR NEAR CHECKED
NO	NO

Topog. Bk. # 39637

B.M. Elev 4967.33
50' RT Sta 470+00
Ht 6 at R.O.W. Fence

S.E. 1/4 Sec. 5
T.7N., R.64W.

B.M. Elev 4976.22
50' RT Sta 476+15
Ht 6 at R.O.W. Fence

B.M. Elev 4970.77
50' RT Sta 484+50
Ht 6 at R.O.W. Fence

B.M. Elev 4939.67
50' RT Sta 490+00
Ht 6 at R.O.W. Fence

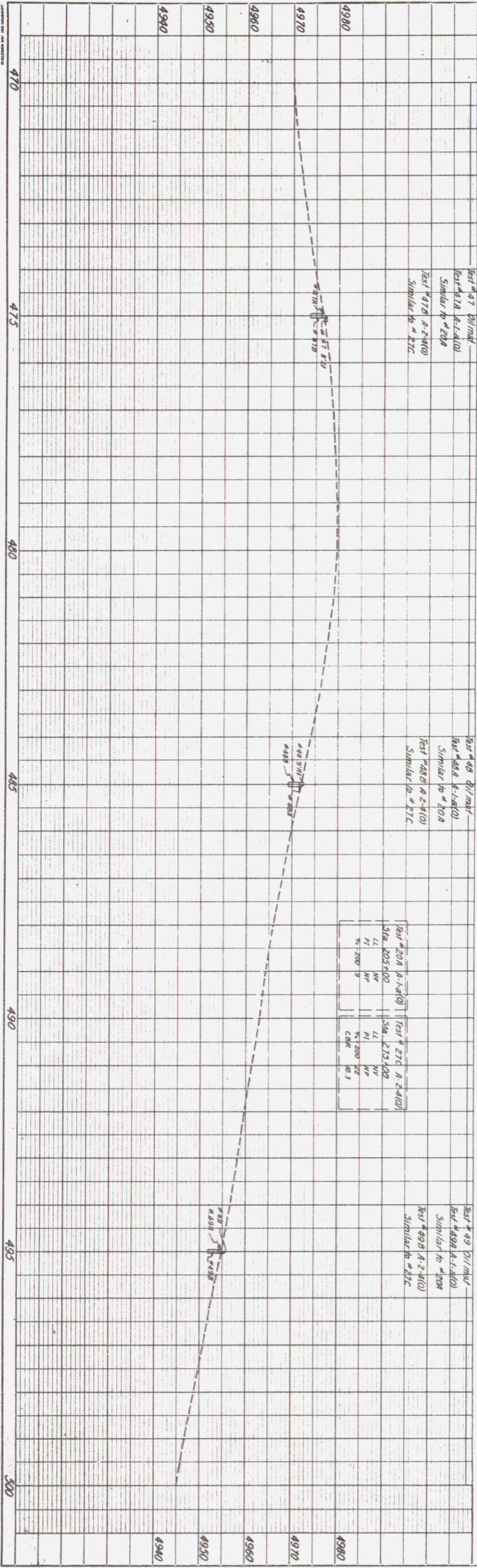
B.M. Elev 4949.15
50' RT Sta 495+00
Ht 6 at R.O.W. Fence

Test # 47 B/Med
Test # 47A A-1-A(0)
Similar to # 20A
Test # 47B A-2-A(0)
Similar to # 27C

Test # 48 B/Med
Test # 48A A-1-A(0)
Similar to # 20A
Test # 48B A-2-A(0)
Similar to # 27C

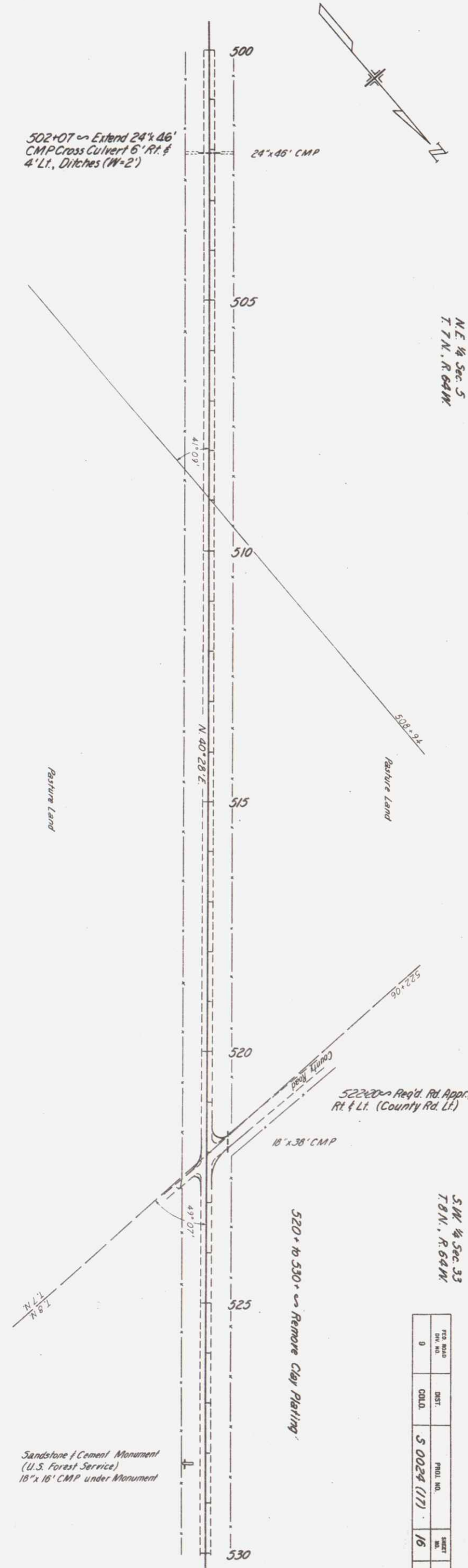
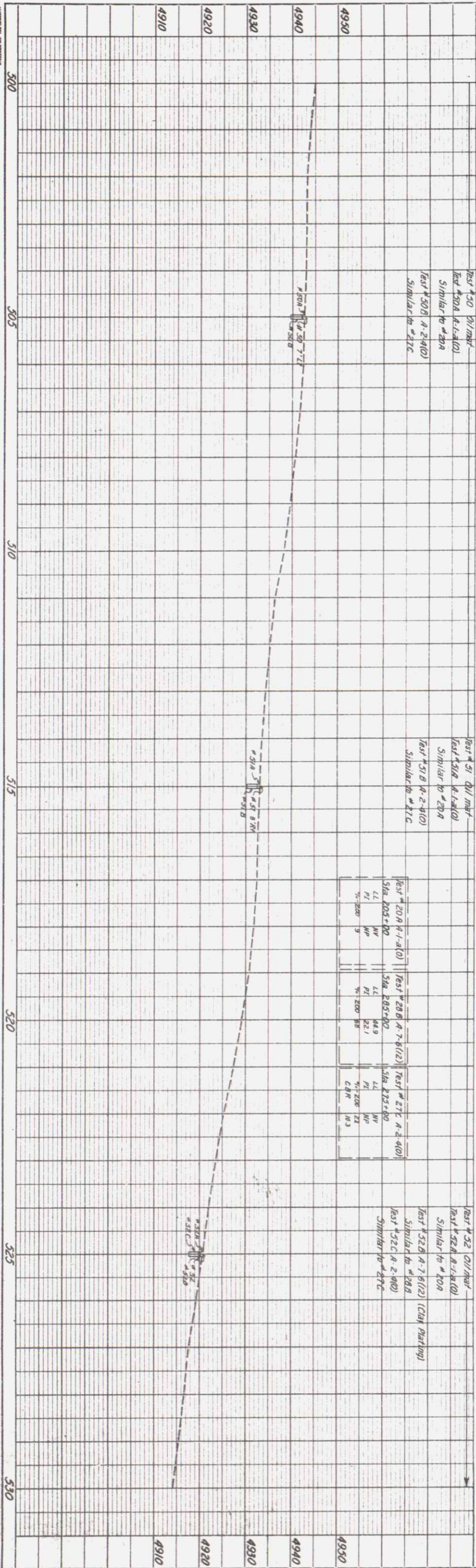
Test # 20A A-1-A(0)	Test # 27C A-2-A(0)
Sta. 205+00	Sta. 273+00
LL	LL
PI	PI
NP	NP
1/2 200' 9	1/2 200' 22
C.B.R. 10.3	

Test # 49 B/Med
Test # 49A A-1-A(0)
Similar to # 20A
Test # 49B A-2-A(0)
Similar to # 27C

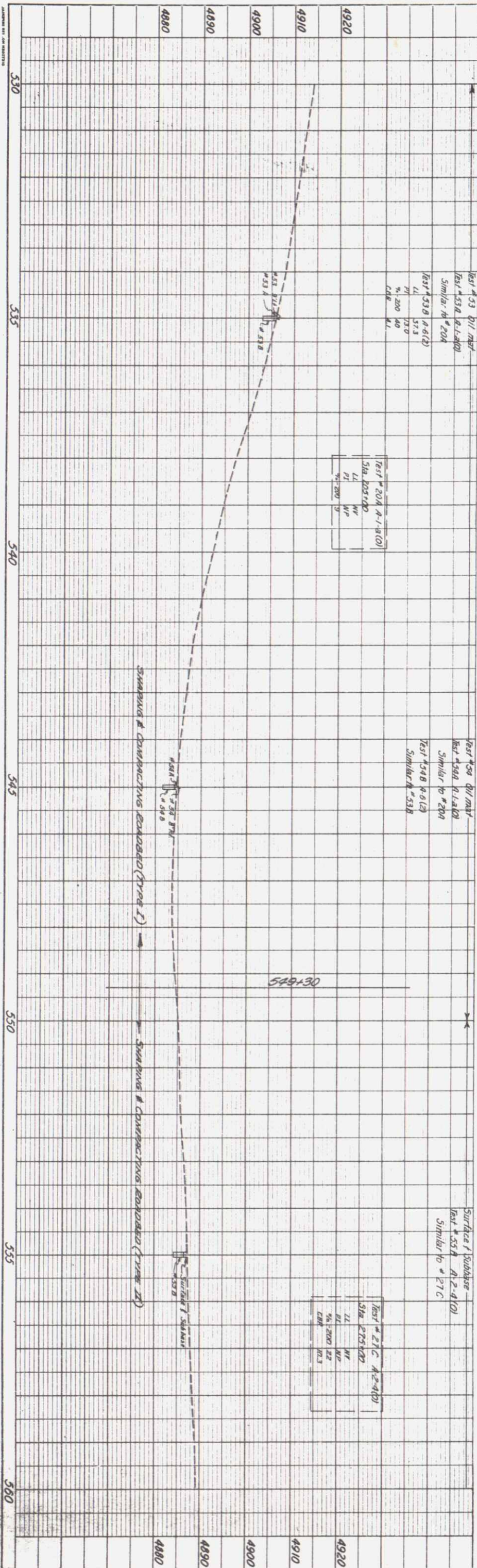


PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNED		
	RT. OF WAY		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. 1617	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

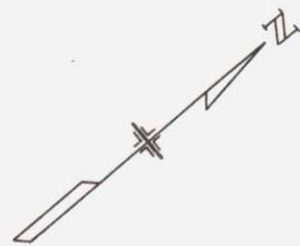


FILE NO.	DIST.	PHIL. NO.	SHEET NO.	TOTAL SHEETS
0	COLO.	5 0024 (11)	16	



N.E. 1/4 Sec. 33
T. 8 N., R. 64 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0024 (17)	18	



Pasture Land

Pasture Land



B.M. Elev. 4887.60
50' Rt. Sta. 560+10
HtG at R.O.W. Fence

N.E. 1/4 Sec. 33
T. 8 N., R. 64 W.

B.M. Elev. 4886.40
50' Rt. Sta. 569+50
HtG at R.O.W. Fence

B.M. Elev. 4893.52
50' Rt. Sta. 576+85
HtG at R.O.W.

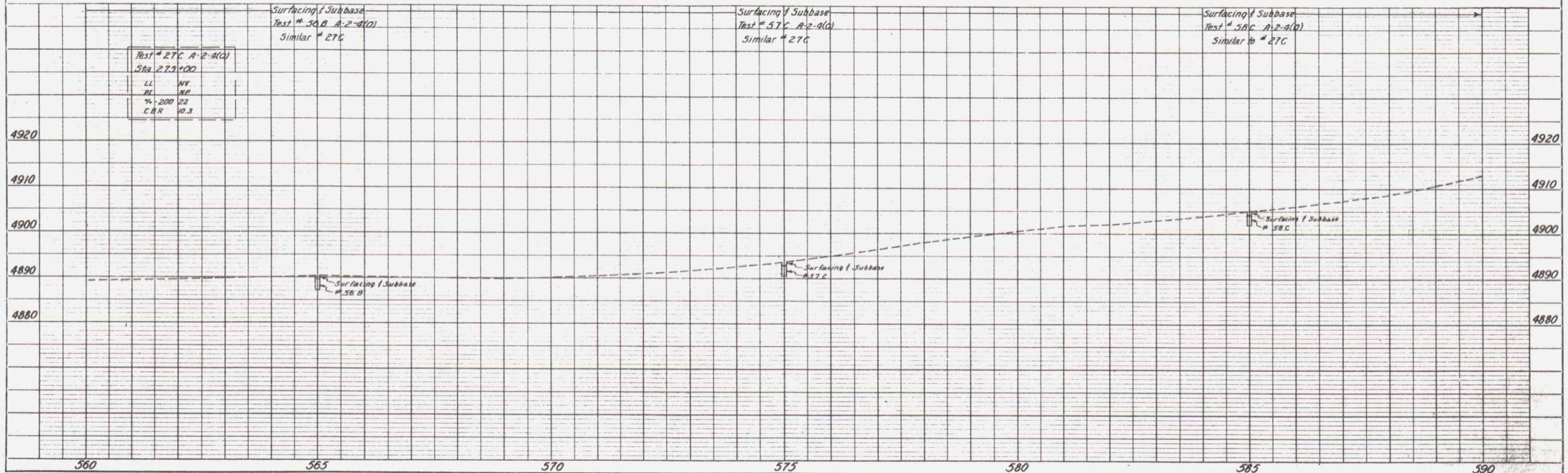
B.M. Elev. 4901.01
50' Rt. Sta. 584+40
HtG at R.O.W.

Test # 27C A-2-a(1)
Sta. 273+00
LL NY
PI NP
1/4-200 22
CBR 10.3

Surfacing & Subbase
Test # 30B A-2-a(1)
Similar # 27C

Surfacing & Subbase
Test # 37C A-2-a(1)
Similar # 27C

Surfacing & Subbase
Test # 58C A-2-a(1)
Similar to # 27C



PLAN

DATE: _____

NOTE BOOK: _____

NO. _____

17-5-8-2267

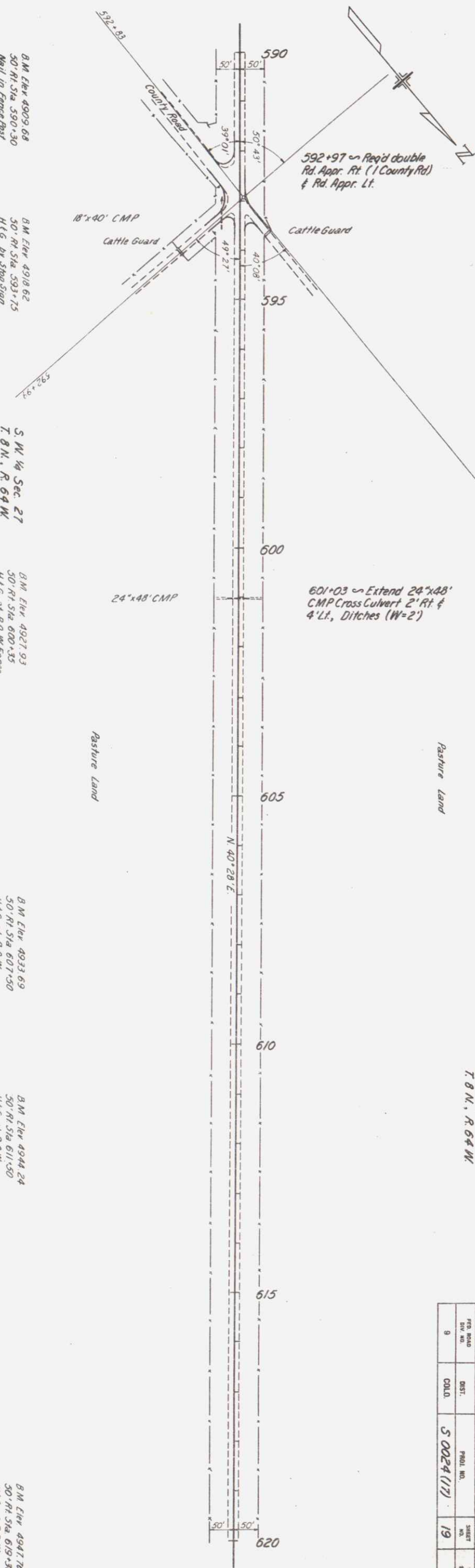
PROFILE

DATE: _____

NOTE BOOK: _____

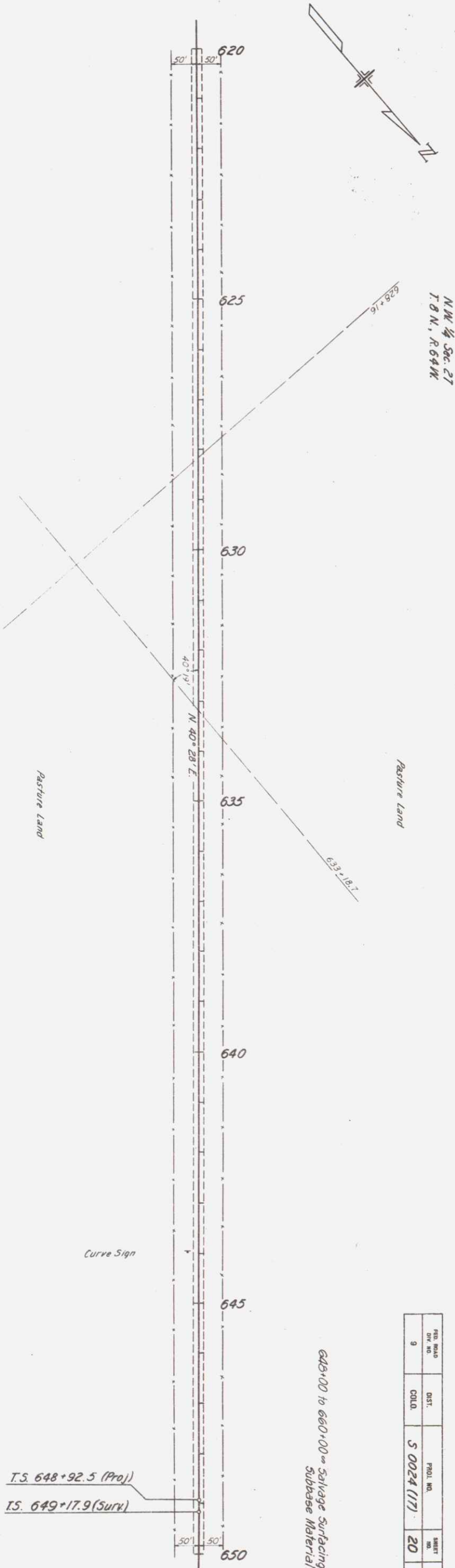
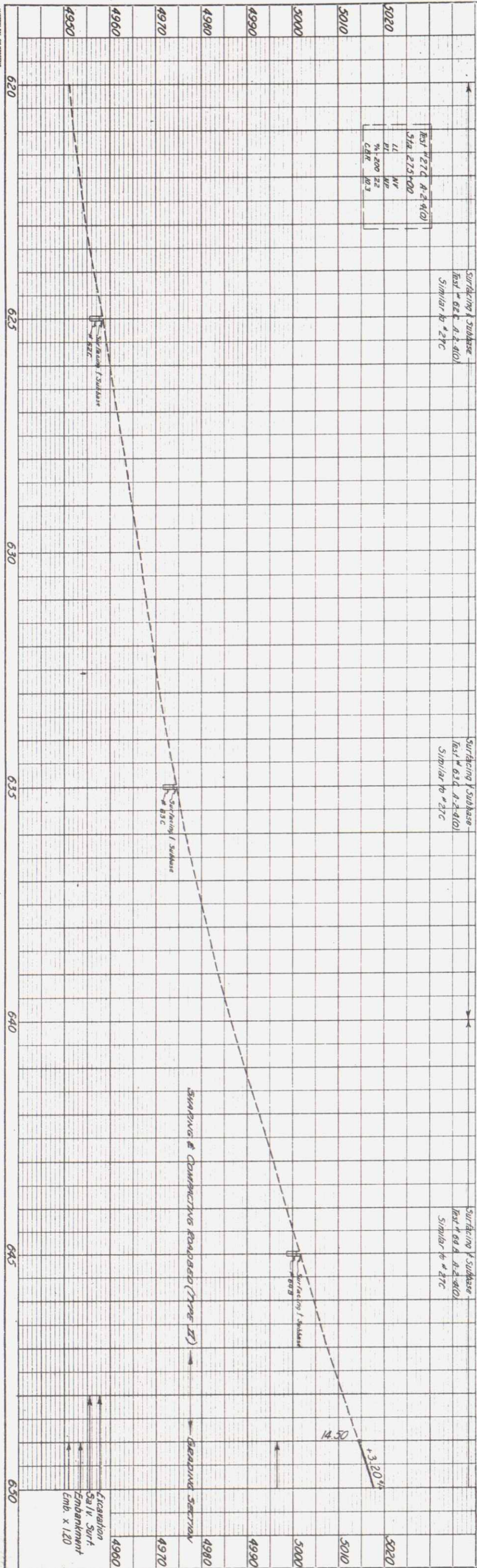
NO. _____

STRUCTURE NOTED AS CHAS.

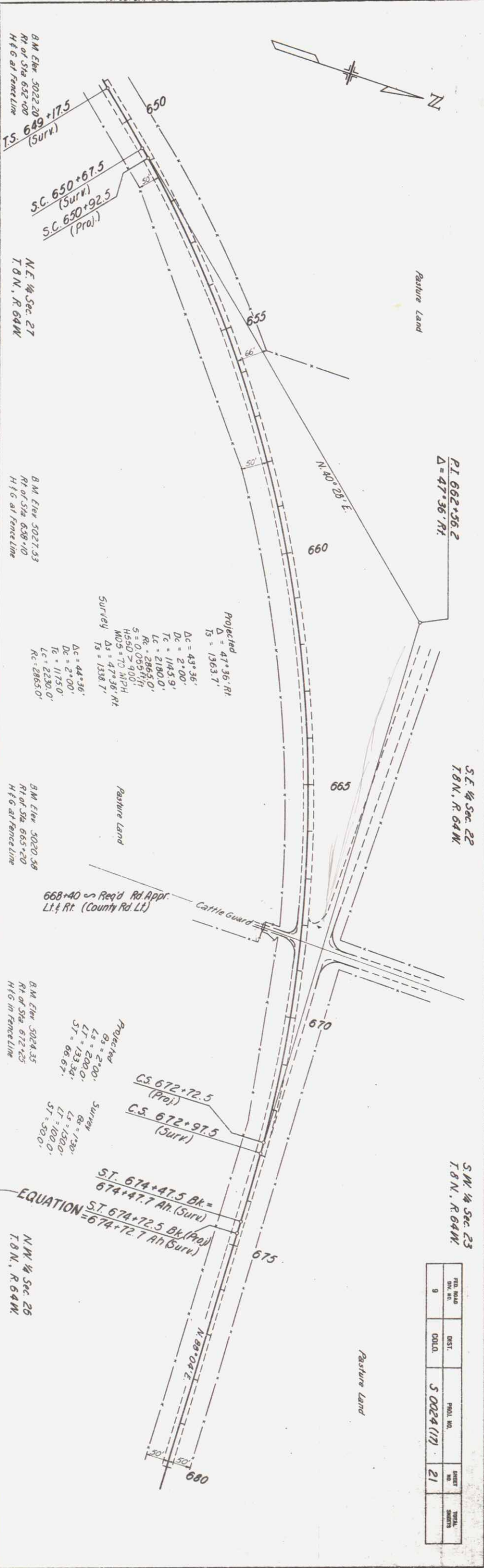


NOTE BOOK	ALY. V. M. T. H. E. C. D.
NO.	RT. OF WAY CHECKED.
TOPOG. BK. # 21657	

PROFILE	SURVEYED
NOTE BOOK	GRADES CHECKED
NO. 167	STRUCTURE NOTAT NO. CH. 40



REQ. ROAD	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COL.	S 0024 (17)	20	



S.W. 1/4 Sec. 23
T.8N., R.64W.

Pasture Land

FEED ROAD D.W. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLL.	30024 (17)	22	

S.E. 1/4 Sec. 23
T.8N., R.64W.

NO.	RT. OF WAY CHECKED
70206, D.A. #23657	

NO.	TRADES CHECKED
101	U.S. M. NOTED STRUCTURE NOTATWS CH RD



Pasture Land

B.M. Elev. 5023.26
50' RT. STA. 682+85
H&G at Fence Line
N.W. 1/4 Sec. 26
T.8N., R.64W.

B.M. Elev. 504.19
50' RT. STA. 685+15
H&G at Fence Line

B.M. Elev. 5005.18
50' RT. STA. 690+05
Nail in Fence Post

B.M. Elev. 4996.05
50' RT. STA. 693+15
H&G at Fence Line

B.M. Elev. 4987.22
50' RT. STA. 695+95
H&G at Fence Post

B.M. Elev. 4978.00
50' RT. STA. 700+60
H&G at Fence Post

B.M. Elev. 4970.10
50' RT. STA. 704+85
H&G at R.O.W.

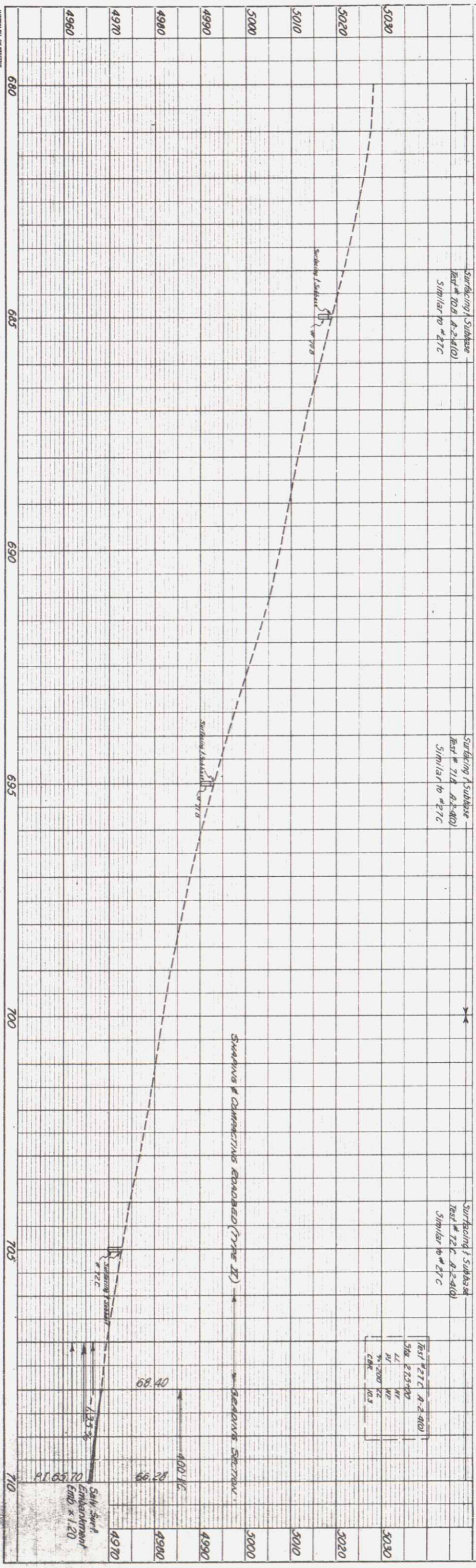
N.E. 1/4 Sec. 26
T.8N., R.64W.

Surfacing Subbase
Test # 70A, A-2-4(10)
Similar to #27C

Surfacing Subbase
Test # 71A, A-2-4(10)
Similar to #27C

Surfacing Subbase
Test # 72C, A-2-4(10)
Similar to #27C

Test # 27C, A-2-4(10)
Sta. 683+00
LI
PI
WE
W-200
CCR
10.5



S.E. 1/4 Sec. 23
T.8 N., R.64 W.

S.W. 1/4 Sec. 24
T.8 N., R.64 W.

FEED ROAD	DIST.	PROJ. NO.	SHEET	TOTAL
9	COLL.	5 0024 (11)	23	



B.M. Elev 4961.20
50' RT Sta. 710+10
Ht. 6' at Fence Post

N.E. 1/4 Sec. 26
T.8 N., R.64 W.

B.M. Elev 4961.21
50' LT Sta. 711+90
Spike in Fence Post

$\Delta = 3^\circ 13' R$
 $D = 1700'$
 $T = 160.9'$
 $L = 321.7'$
 $R = 5730.0'$
 $S = 0.0284 H$
 $HSSD = 700'$
 $MDS = 70 MPH$

B.M. Elev 4954.97
50' RT Sta. 725+15
Spike in Fence Post

B.M. Elev 4936.04
50' RT Sta. 731+55
Spike in Fence Post

B.M. Elev 4920.20
50' RT Sta. 734+20
Spike in Fence Post

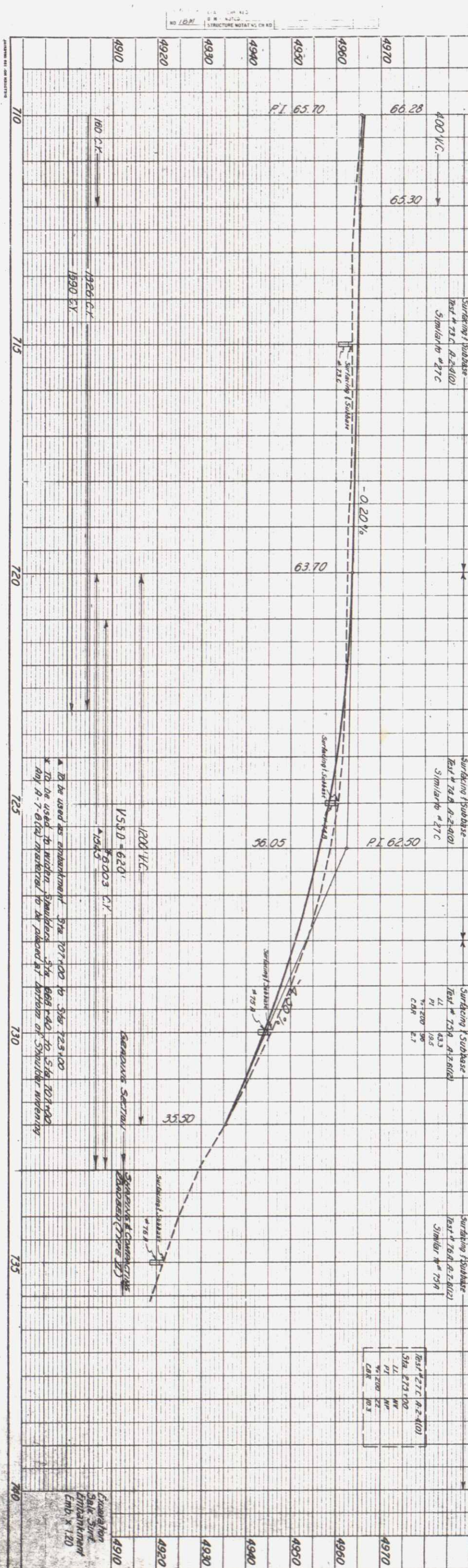
B.M. Elev 4915.35
50' RT Sta. 742+00
Ht. 6'

Sta 735+73 END 50024(11)
Sta. 735+73 on 50024(12)

734+61 Req'd. Road Appr., Rt.

Str # B 18 F
Conc. Slab & Girder
3-30' Spans
28' Clear Roadway

735+00 Req'd. Identification Sign, Lt.



ADDITIONAL SEE SHEET 24