

INDEX OF SHEETS

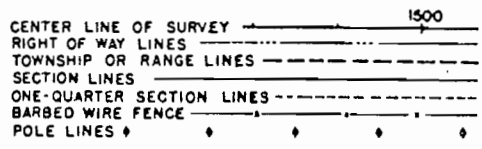
- SHEET NO. 1 SKETCH MAP AND TITLE PAGE
" " 2 TYPICAL SECTION AND SUMMARY OF APPROXIMATE QUANTITIES.
" " 3 STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES M-1-B
" " 4 TYPICAL SIDE APPROACH ROADS-ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
COMB. FEDERAL AID PROJECT NOS. {4(5), 128(3), 187(3),
187-B(2), & 282-B(2)}
STATE HIGHWAY NO. 13
RIO BLANCO 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

CONVENTIONAL SIGNS



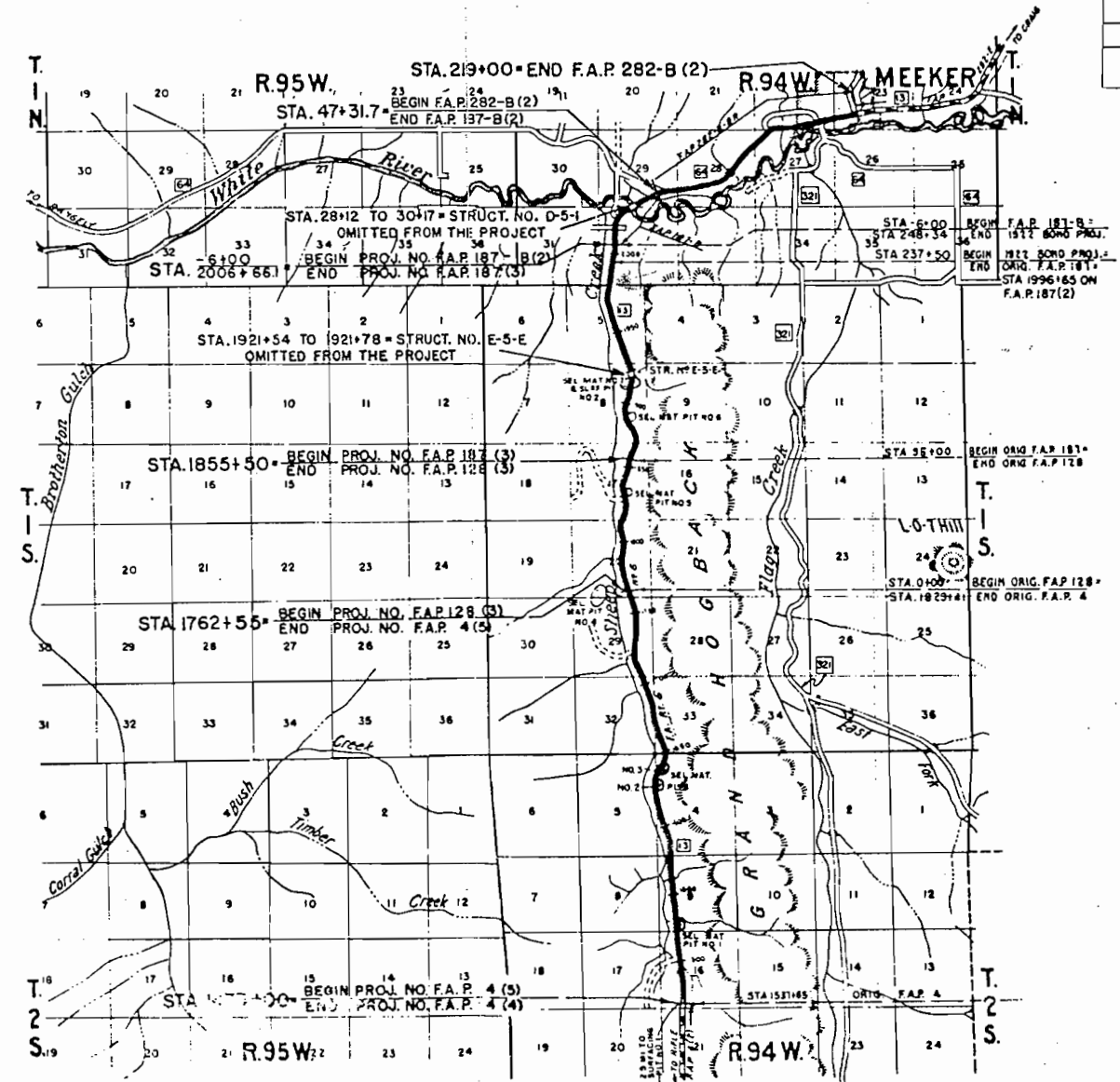
PROJECT LENGTHS

	F.A.P. 4 (5)	F.A.P. 128 (3)	F.A.P. 187 (3)	F.A.P. 187-B (2)	F.A.P. 282-B (2)		TOTAL
					Outside City	Inside City	
GROSS LENGTH FEET	28,959.8	9,295.0	15,116.1	5,331.7	10,774.1	4,705.0	15,479.1
MILES	5.484	1.760	2.862	1.009	2.040	0.891	2.931
NET LENGTH FEET	28,959.8	9,295.0	15,091.9	5,126.7	10,774.1	4,705.0	15,479.1
MILES	5.484	1.760	2.858	0.971	2.040	0.891	2.931

OMISSIONS

F.A.P. 187(3)-Struct. No. E-5-E Sta. 1921+54 to 1921+78 Omitted from the Project.
F.A.P. 187-B(2)-Struct. No. D-5-1 Sta. 28+12 to 30+17 Omitted from the Project.

NOTE:-
IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT.
H. L. JENNESS, DIVISION ENGINEER, LOCATED AT ELMWOOD SPRINGS.
H. M. COOMBE, RESIDENT ENGINEER, LOCATED AT MEEREN.

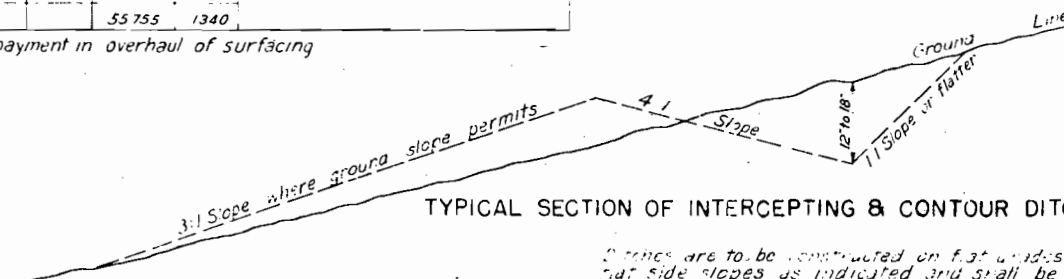


F	L	P	47(2)				
1855*50	-	1861*00	L B R	1100		1100	
1861*00	-	1892*00	L B R	5190		6210	
1868*00			L B R				3
1885*40			L B R				2
1892*00	-	1924*00	L B R	4490		6410	
1896*00			L				1
1909*60			L				1
1915*00			R				1
1922*13			L				1
1923*50			R				1
1924*00	-	1954*00	L			3000	

* Included for payment in overhaul of surfacing

MAIL BOXES	
1634-20	9
1716-65	9
1725-15	L
1502-56	L
153-20	R
1634-00	
1725-20	6
1789-20	L

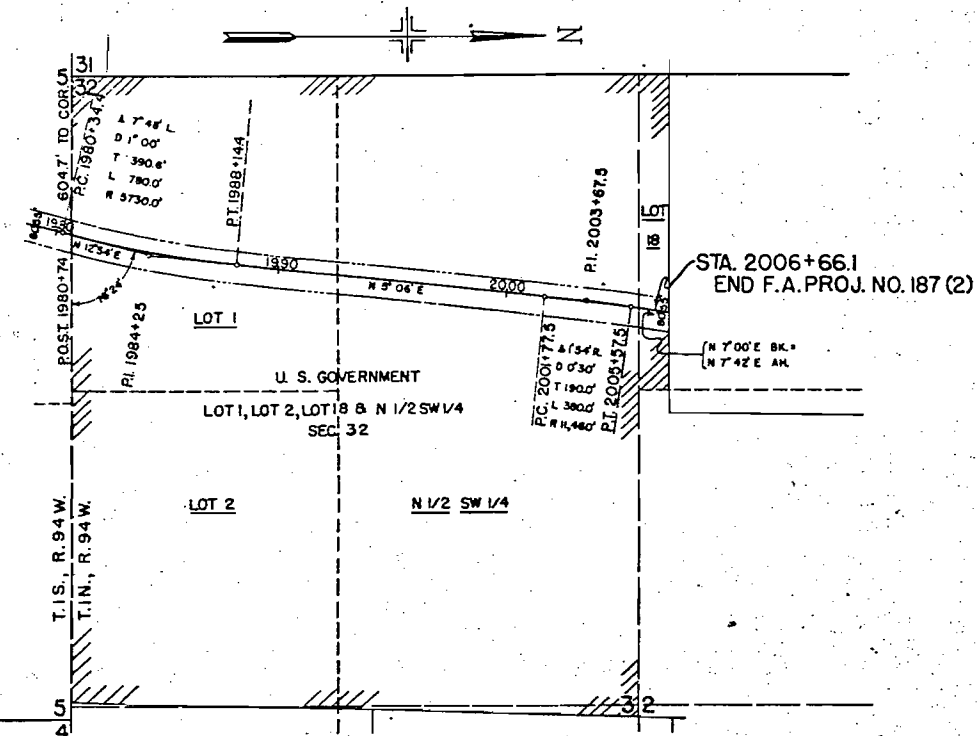
STATION	SIDE	NO	STATION	SIDE	NO
FAP 4(3)			FAP 12R(2)		
1472+00	L & R	2	1770+00	L & R	2
1474+00	L & R	2	1771+00	L & R	2
1490+00	L & R	2	1788+64	L	1
1491+00	L & R	2	1783+12	R	1
1496+00	R	1	1815+81	L	1
1496+52	L	1	1816+00	R	1
1498+00	R	1	1830+00	R	1
1499+00	L & R	2	1831+00	R	1
1500+00	R	1	1836+00	R	1
1500+50	L	1	1837+00.6	R	1
1502+50	L	1	1843+97	R	1
1504+00	L	1	1848+00	L	1
1507+00	L & R	2	1849+00	L	1
1521+00	L & R	2			
1521+87	R	1			
1523+08	L	1	1843+60	L	1
1523+00	R	1			
1530+00	R	1	TOTAL FAP 12R(2)		16
1542+62	R	1	FAP 18T(2)		
1548+03	L	1	1864+00	L	1
1551+00	L	1	1865+00	L	1
1552+00	L	1	1867+00	R	1
1555+94	R	1	1868+132	R	1
1576-00	L	1	1871+83	L	1
1586+125	L	1	1872+00	R	1
1587+00	L	1	1881+424	R	1
1603+80	R	1	1882+500	R	1
1604+22	L	1	1899+83	L	1
1622+00	L & R	2	1900+43	R	1
1623+186	L & R	2	1900+855	R	1
1632+63	L	1	1902+886	R	1
1633+303	L	1	1908+375	L	1
1635+00	L	1	1909+494	L	1
1648+33	L	1	1926+61	R	1
1648+47	R	1	1926+93	L	1
1652+603	R	1	1933+411	L	1
1654+00	R	1	1935+00	L	1
1677+03	R	1	1940+00	R	1
1677+38	L	1	1941+00	R	1
1681+04	R	1	1952+50	R	1
1686+00	L	1	1953+82	R	1
1687+292	L	1	1954+26	L	1
1693+142	L	1	1980+60	L	1
1694+50	L	1	1980+94	R	1
1706+09	R	1	2005+88	L	1
1706+48	L	1	2006+02	R	1
1714+50	L	1			
1715+459	L	1			
1721+00	L	1			
1730+00	L	1			
1733+89	L	1			
1733+94	R	1			
1755+00	L & R	2			
1756+00	L & R	2			
1760+24	R	1	TOTAL FAP 18T(2)		27
1760+67	L	1	COMBINED TOTALS		112
1621+25	L	1			
1674+13	L	1			
TOTAL FAP 4(3)		69			



Ditches are to be constructed on flat grades with flat side slopes as indicated and shall be constructed to line, grade, and dimensions as shown by the Engineer.

* Stations shown are approximate. Gates shall be constructed at locations as staked to the Engineer.

T. 1 N., R. 94 W. 6TH P.M.



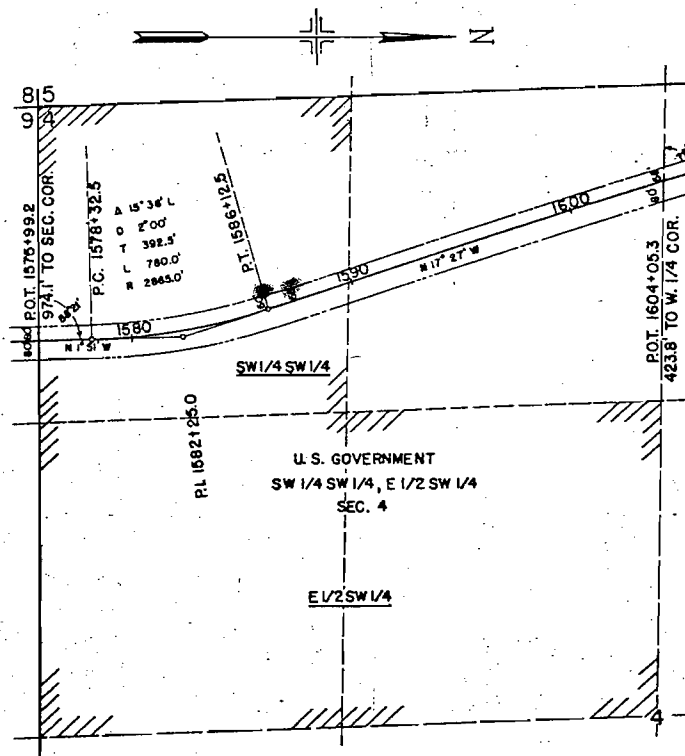
RIGHT OF WAY REQUIRED THROUGH U. S. GOV'T.
LAND IN SEC. 32, T. 1 N., R. 94 W. 6TH P.M.

CERTIFICATE

I, JESSIE M. GARDNER, REGISTER OF THE U. S. LAND
OFFICE AT DENVER, COLORADO, HEREBY CERTIFY THAT THE
LANDS SHOWN CROSS-HATCHED HEREON AND TRAVERSED BY
THE RIO BLANCO-MEEKER ROAD, F.A.P. 187(2), ARE UNAPPRO-
PRIATED AND UNRESERVED PUBLIC LANDS.
THIS LAND IS IN GRAZING DISTRICT NO. 1.

Jessie M. Gardner 10/15/40
REGISTER U. S. LAND OFFICE DATE
DENVER, COLORADO

T. 2 S., R. 94 W. 6TH P.M.



RIGHT OF WAY REQUIRED THROUGH U. S. GOV'T.
LAND IN SEC. 4, T. 2 S., R. 94 W. 6TH P.M.

CERTIFICATE

I, JESSIE M. GARDNER, REGISTER OF THE U. S. LAND
OFFICE AT DENVER, COLORADO, HEREBY CERTIFY THAT
THE LANDS SHOWN CROSS-HATCHED HEREON AND TRAVERSED BY THE RIO BLANCO-MEEKER ROAD, F.A.P. 4 (3),
ARE UNAPPROPRIATED AND UNRESERVED PUBLIC LANDS.
THIS LAND IS NOT IN GRAZING DISTRICT.

Jessie M. Gardner 10/15/40
REGISTER U. S. LAND OFFICE DATE
DENVER, COLORADO

COLORADO STATE HIGHWAY DEPARTMENT
RIGHT OF WAY MAP
FOR
FEDERAL AID PROJECT NO. 187 (2)
AND
FEDERAL AID PROJECT NO. 4 (3)
RIO BLANCO COUNTY
SCALE 1"=400'

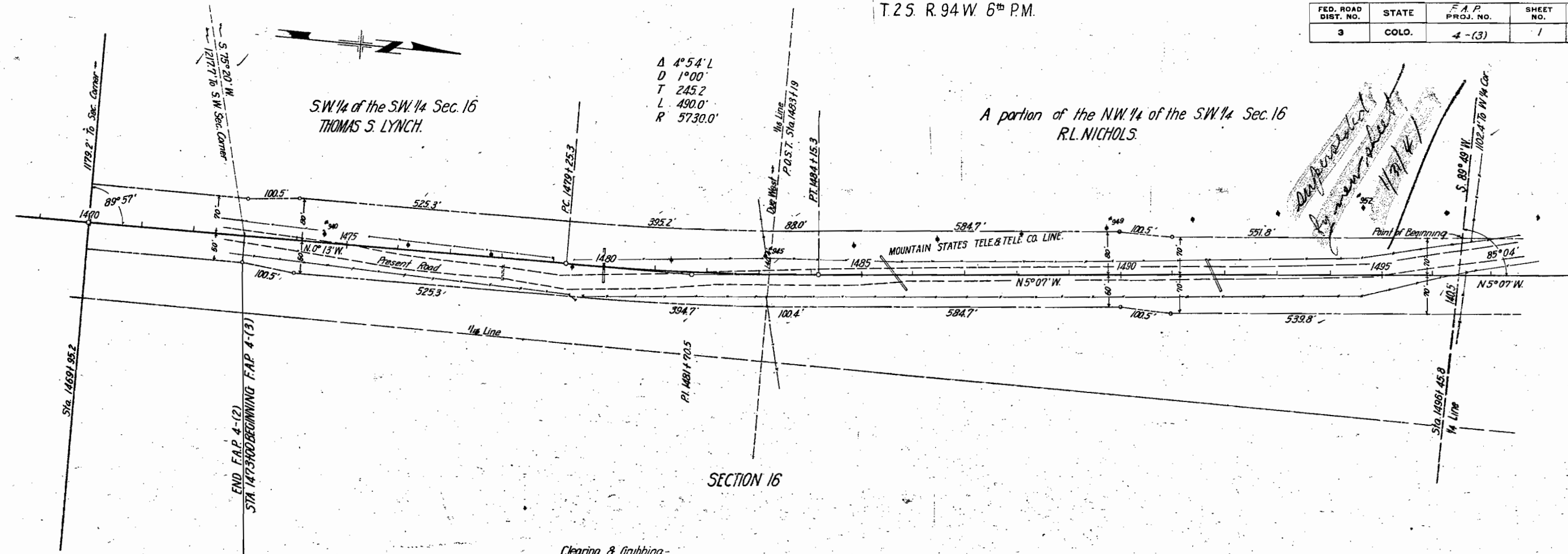
RECEIVED
U. S. LAND OFFICE
DENVER, COLO.
Date OCT. 15. 1940
How 11.15. 1940

DATE
BY
SURVEYED
PLOTTER
NOTE BOOK
NO.
CHECKED
BY
DATE
BY
SURVEYED
PLOTTER
NOTE BOOK
NO.
CHECKED
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DATE
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PLOTTER
NOTE BOOK
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CHECKED
BY
DATE

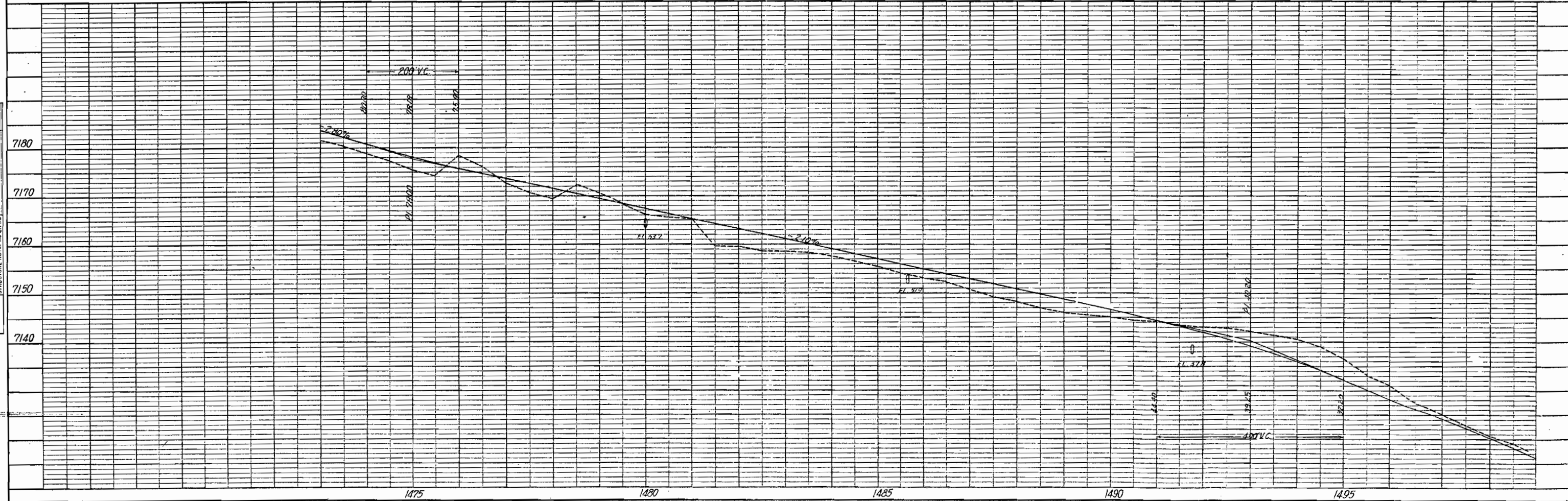
MICROFILMED

T.25. R.94W. 6th P.M.

FED. ROAD DIST. NO.	STATE	F.A.P. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4-(3)	1	



Clearing & Grubbing-
Sta. 1473+00 to 1490+00 - Light Sage Brush.

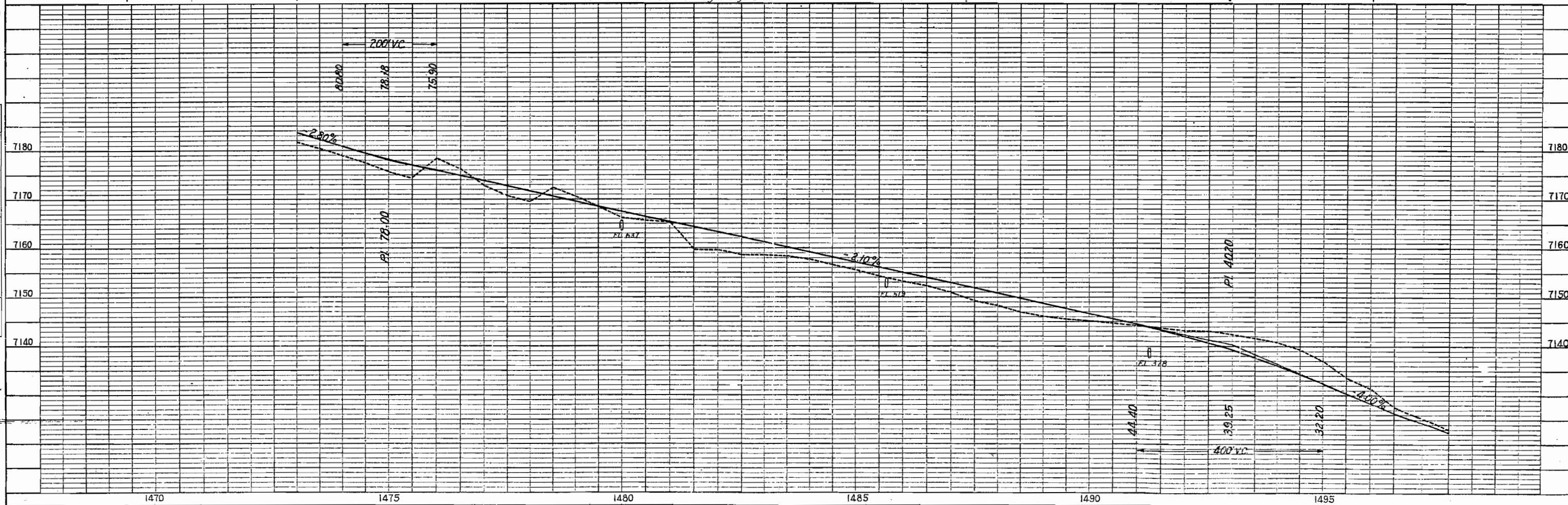
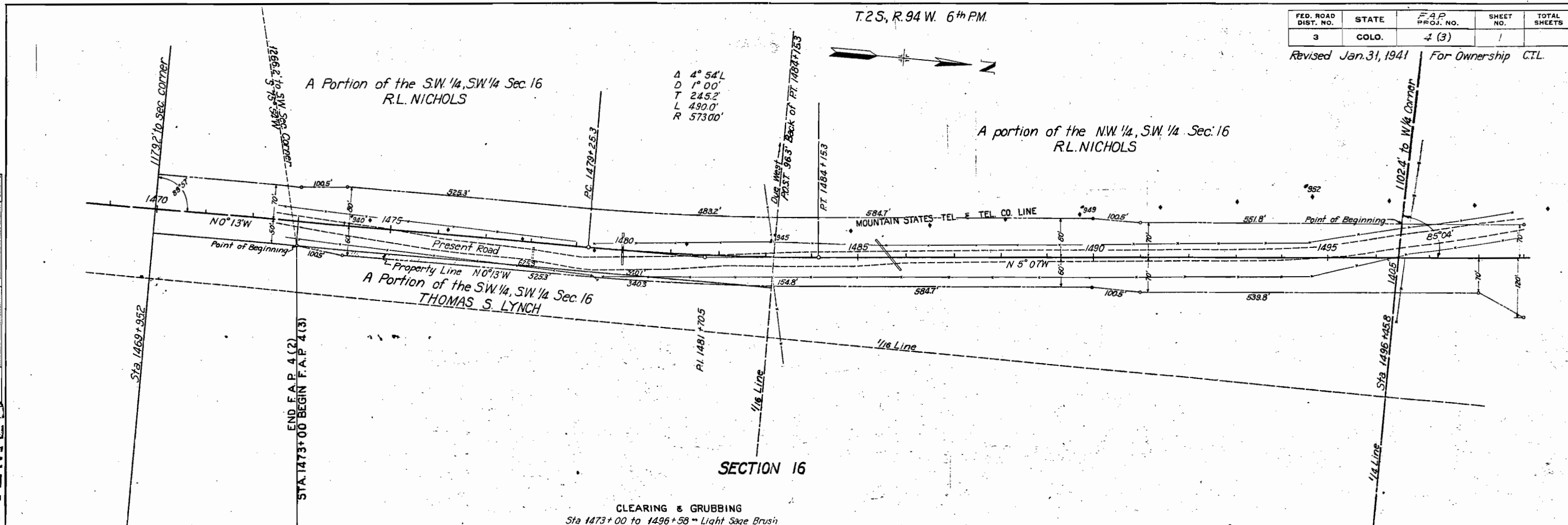


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	NOTE BOOK	BY
PLAN	SURVEYED	DATE
	NOTE BOOK	BY

MICROFILMED

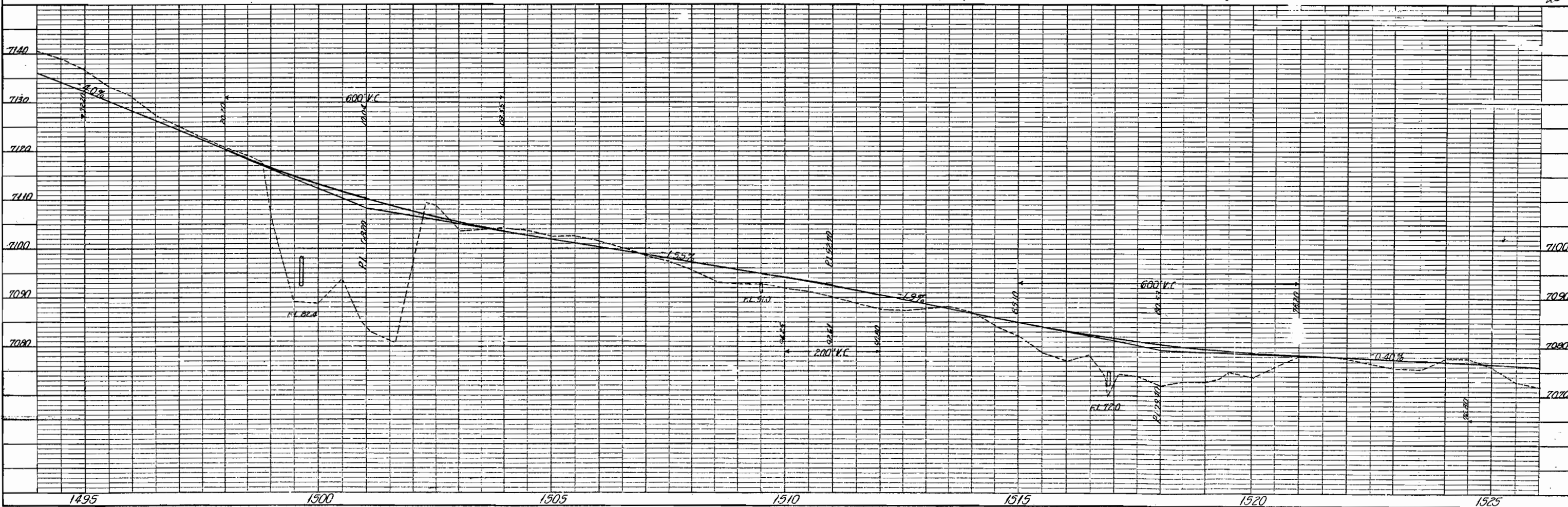
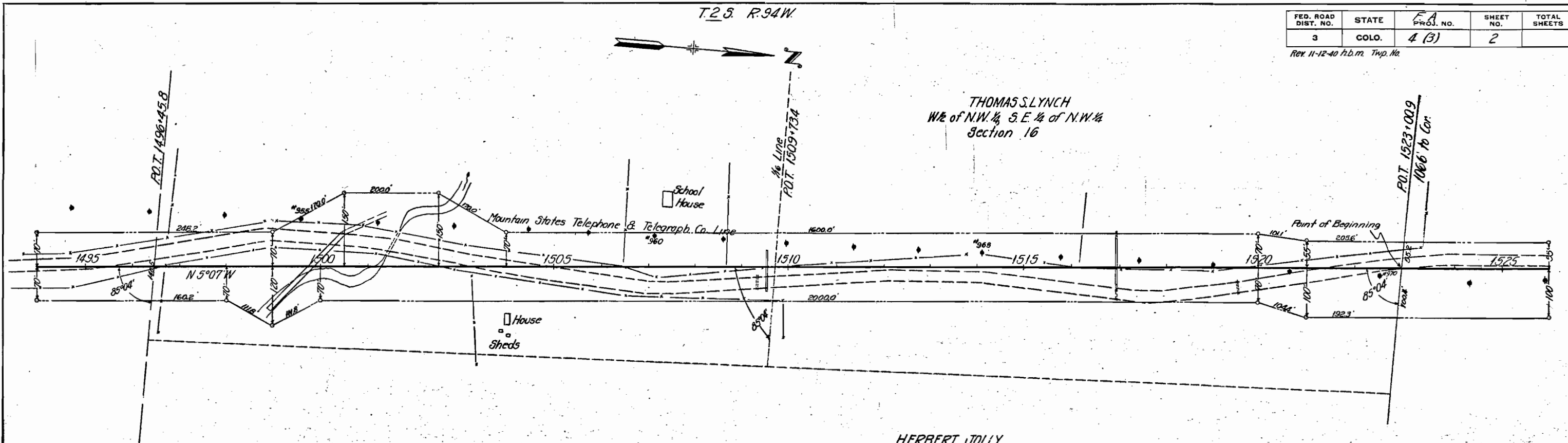
FED. ROAD DIST. NO.	STATE	F.A.P. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	1	

Revised Jan. 31, 1941 For Ownership CTL



PLAN	DATE	BY
	NO.	NO.
PROFILE	DATE	BY
	NO.	NO.

PROFILE	DATE	BY
	NO.	NO.
PLAN	DATE	BY
	NO.	NO.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	2	

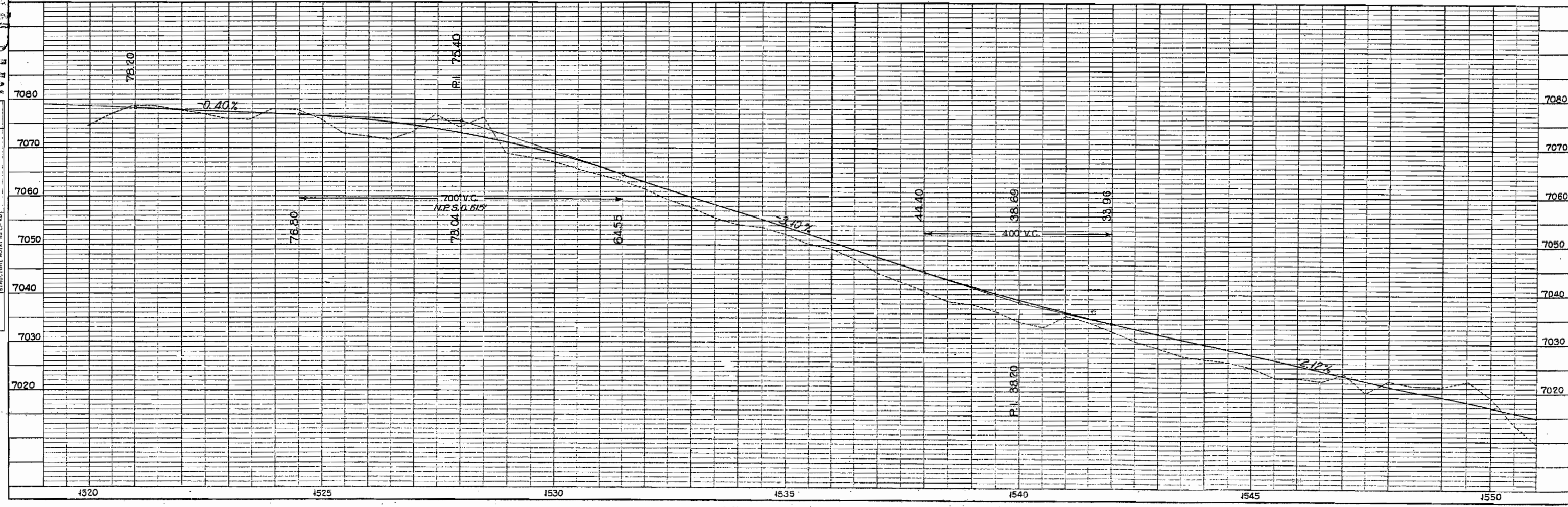
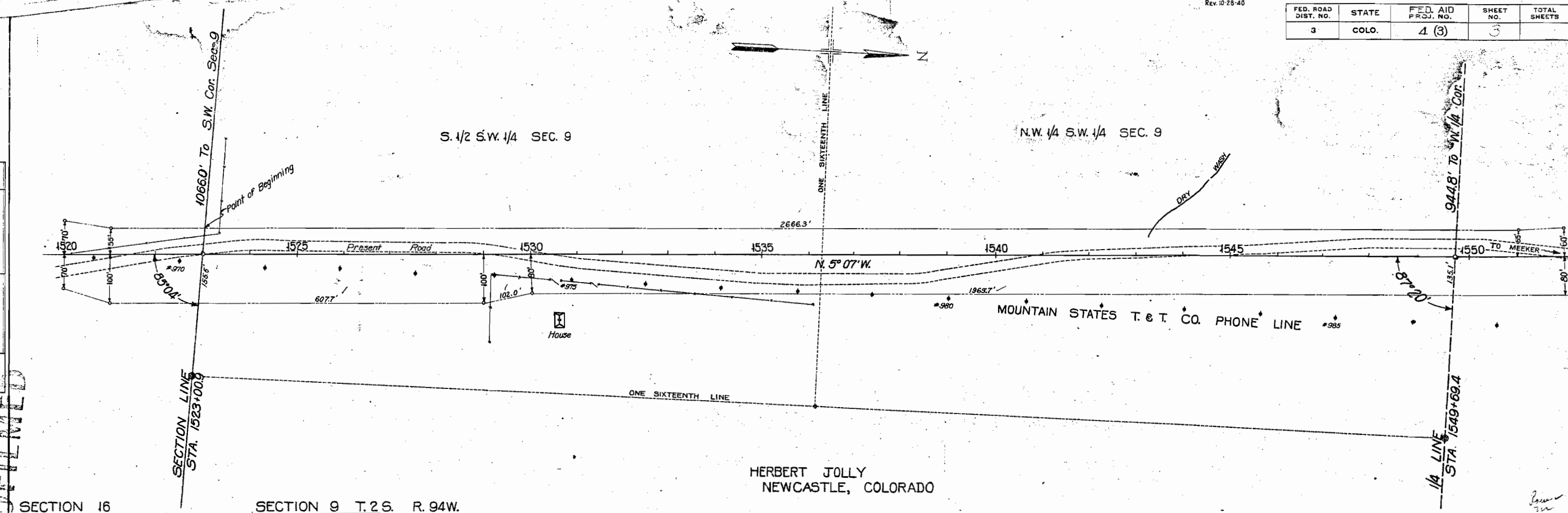
REV. 11-12-40 H.D.M. Typ. No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	3	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	INT. OF WAY CHECKED	

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

MICROFILMED



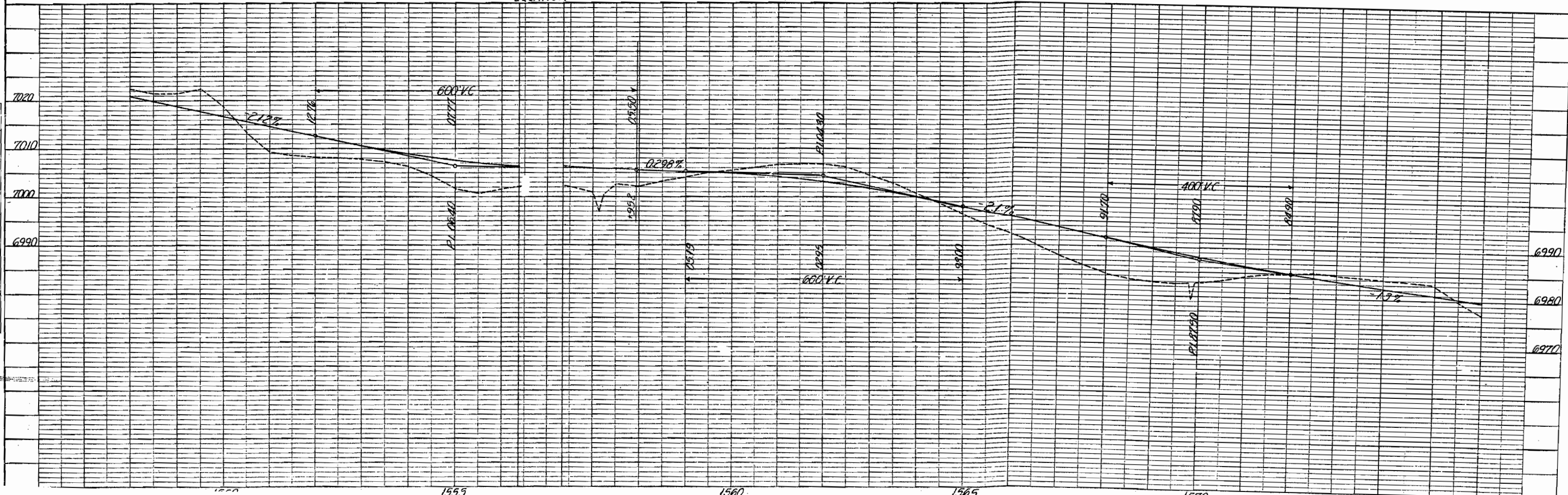
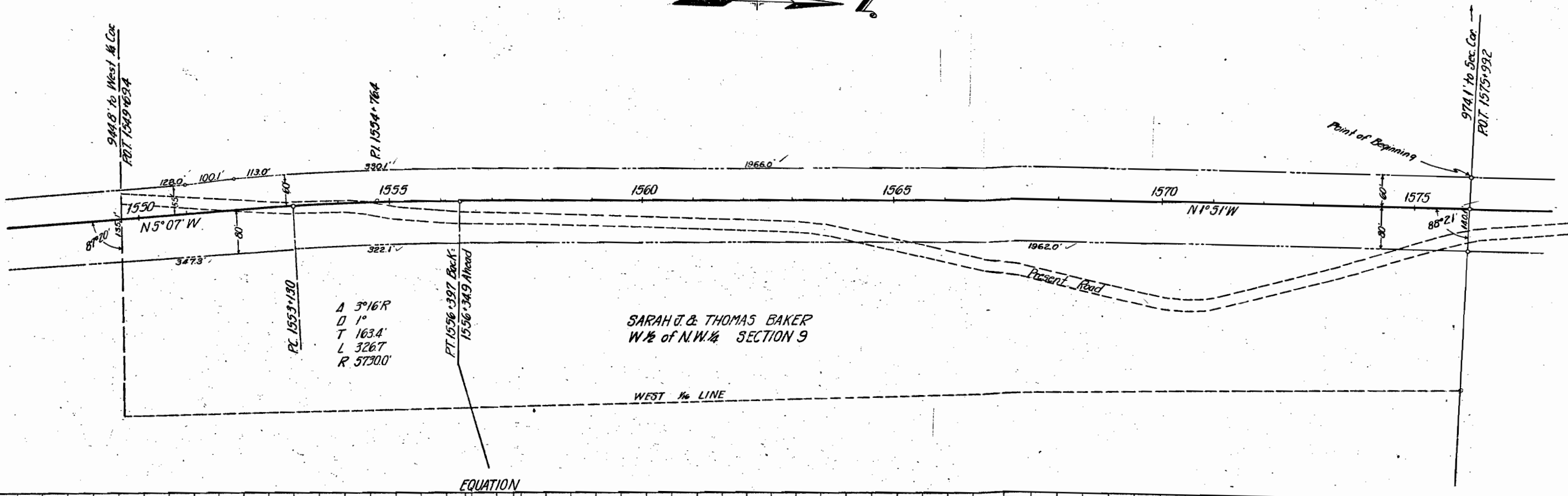
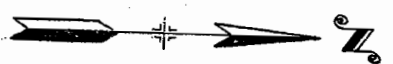
PROFILE
 SURVEYED
 DATE
 BY
 CHECKED
 DATE
 BY
 NO.

PLAN
 SURVEYED
 DATE
 BY
 CHECKED
 DATE
 BY
 NO.

MICROFILMED

T.23 R.94W. SEC.9

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	4	



PLAN	SURVEYED	DATE
	ALLOTTED	BY
PLAN	NOTE BOOK	DATE
	RT. OF WAY CHECKED	BY

PROFILE	SURVEYED	DATE
	ALLOTTED	BY
PROFILE	NOTE BOOK	DATE
	STRUCTURE NOTATION CHD	BY

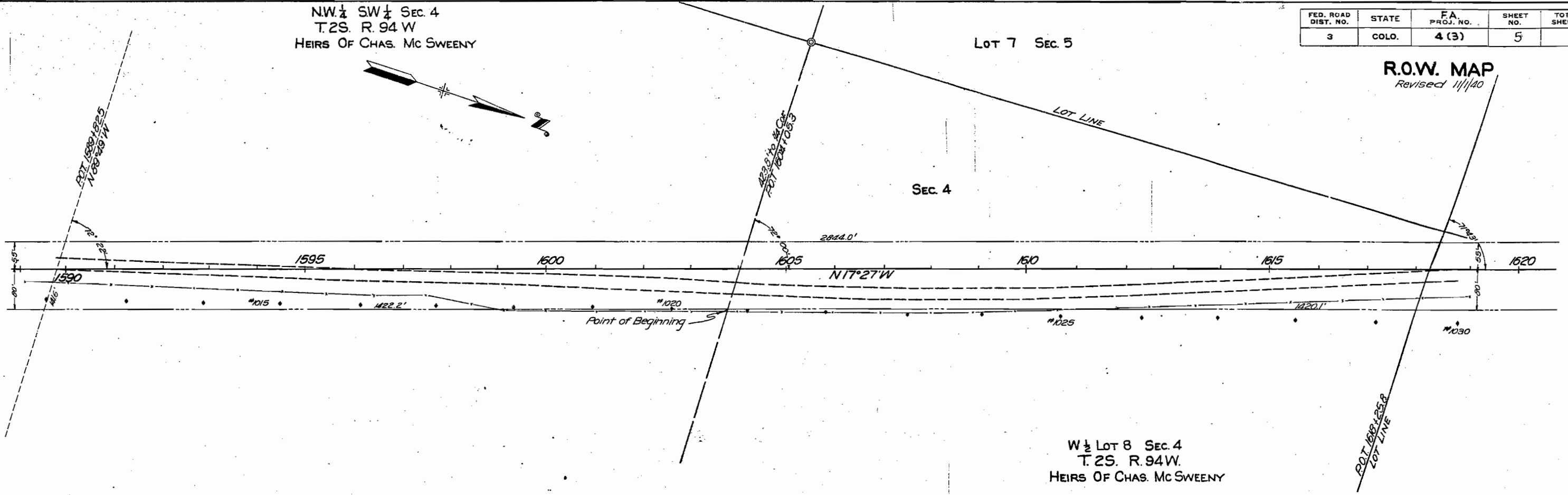
MICROFILMED

NW 1/4 SW 1/4 SEC. 4
T2S. R. 94 W
HEIRS OF CHAS. MC SWEENY

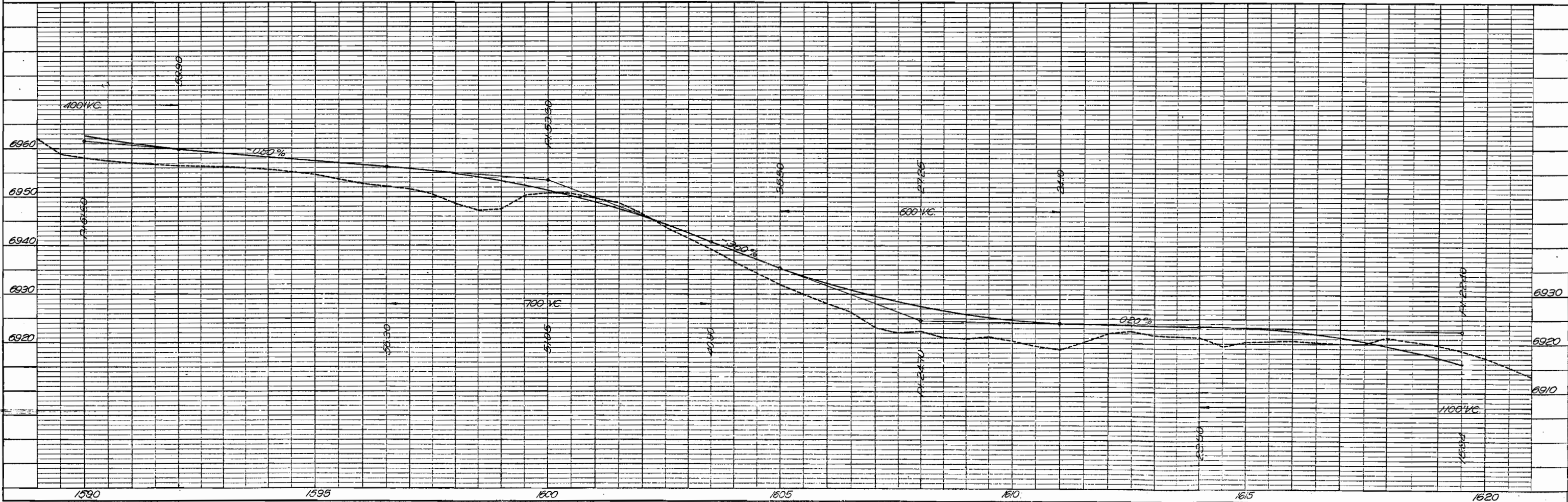
LOT 7 SEC. 5

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	5	

R.O.W. MAP
Revised 11/1/40



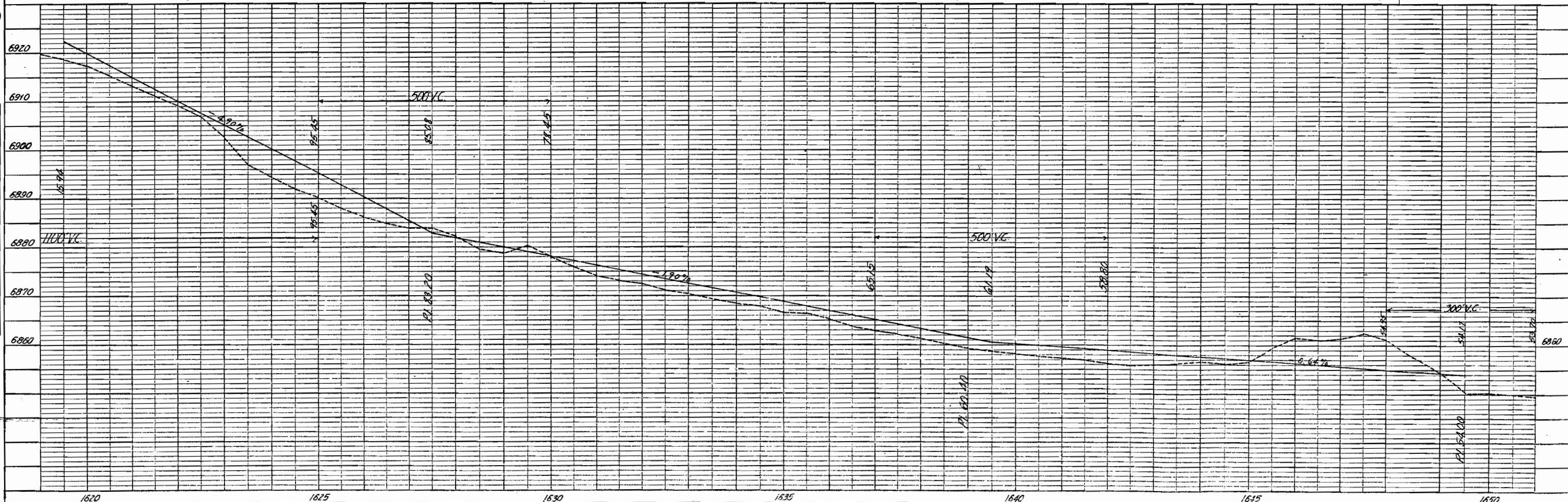
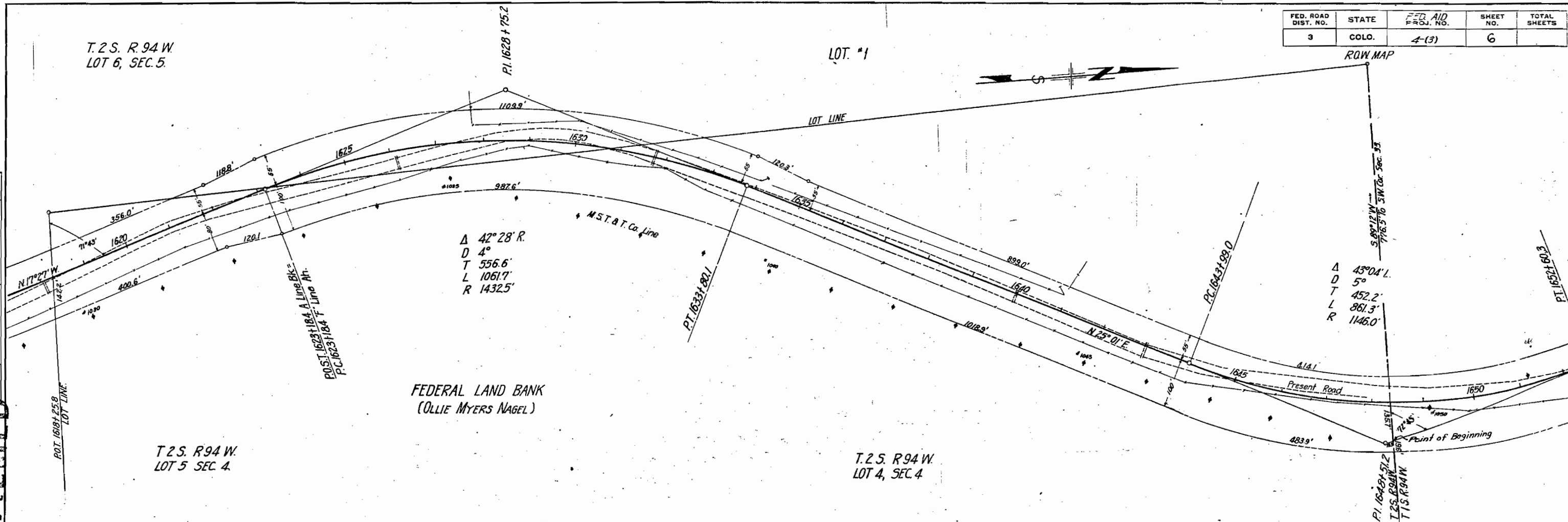
Clearing & Grubbing
1589+00 to 1619+00 ~ Medium Sage



DATE	BY	SURVEYED	NOTE BOOK
		ALIGNED	RT. OF WAY
		CHECKED	

DATE	BY	PROFILER	NOTE BOOK
		GRADES	STRUCTURE
		CHECKED	NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(3)	6	



T.1S. R.94W. 6th P.M.

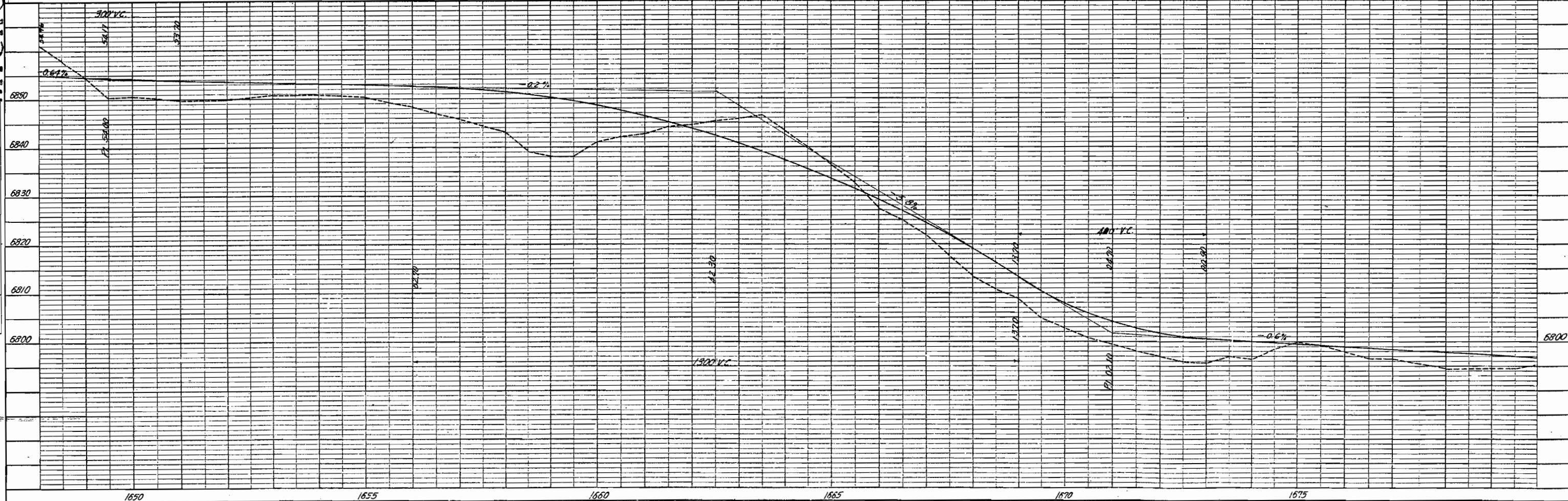
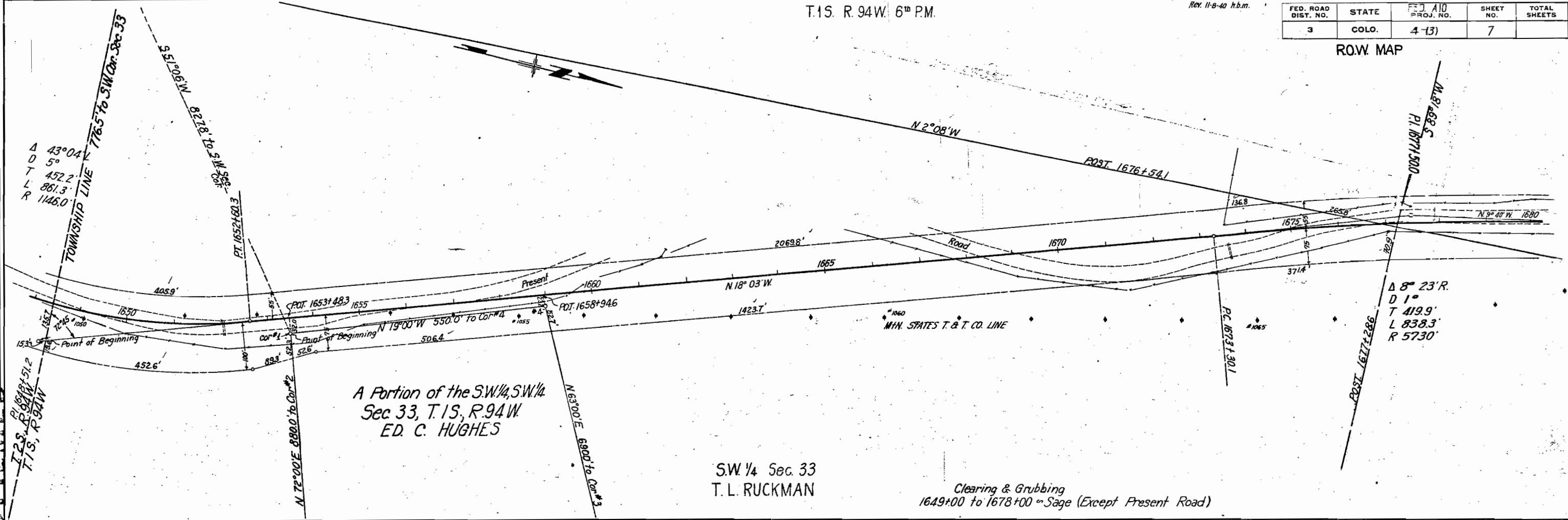
REV. 11-8-40 h.b.m.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4-13)	7	

R.O.W. MAP

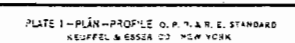
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ALIGNED		
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PROFILE	SURVEYED	DATE
PLOTTED	BY	
GRADES		
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NO.		



Rev. 11-8-40 h.b.m

1

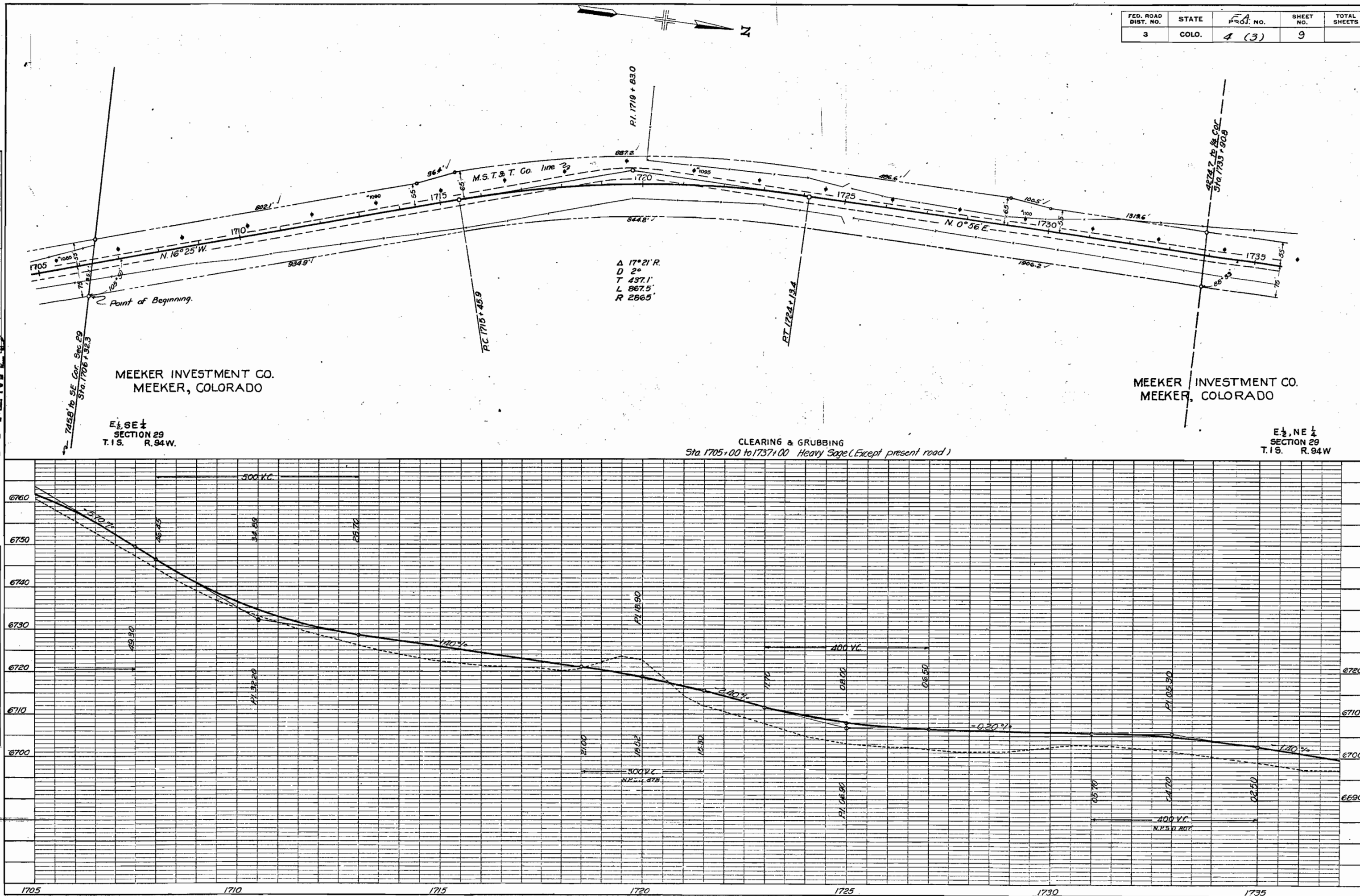


FED. ROAD DIST. NO.	STATE	Proj. No.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	9	

PLAN	DATE	BY
SURVEYED		
BOOK		
NO.		
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NO.		
Checked		
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DATE		

PROFILE	DATE	BY
SURVEYED		
BOOK		
NO.		
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DATE		

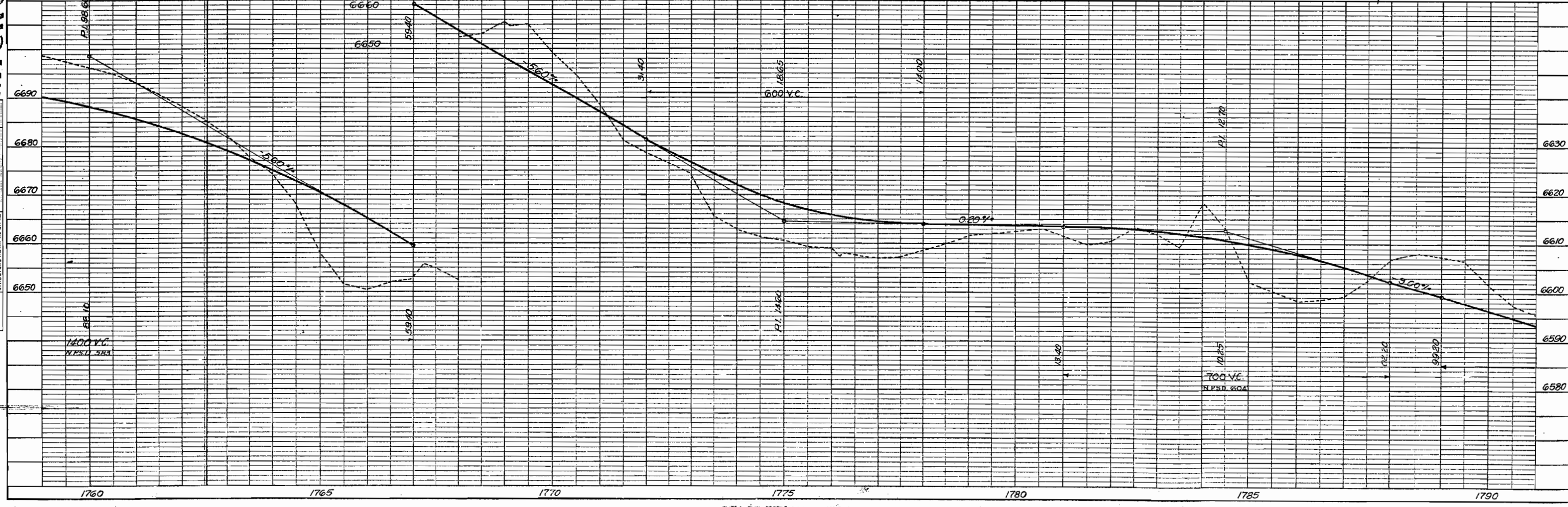
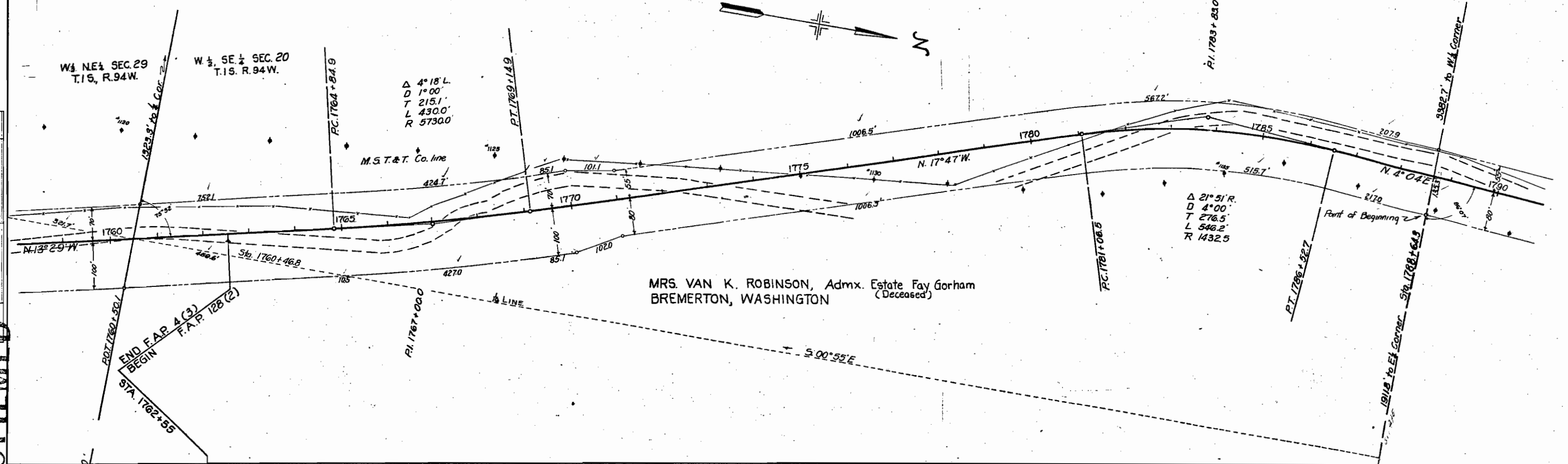
MICROFILMED



FED. ROAD DIST. NO.	STATE	Comb. Fed. Aid PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3) 128 (2)	11	

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
BY		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
BY		



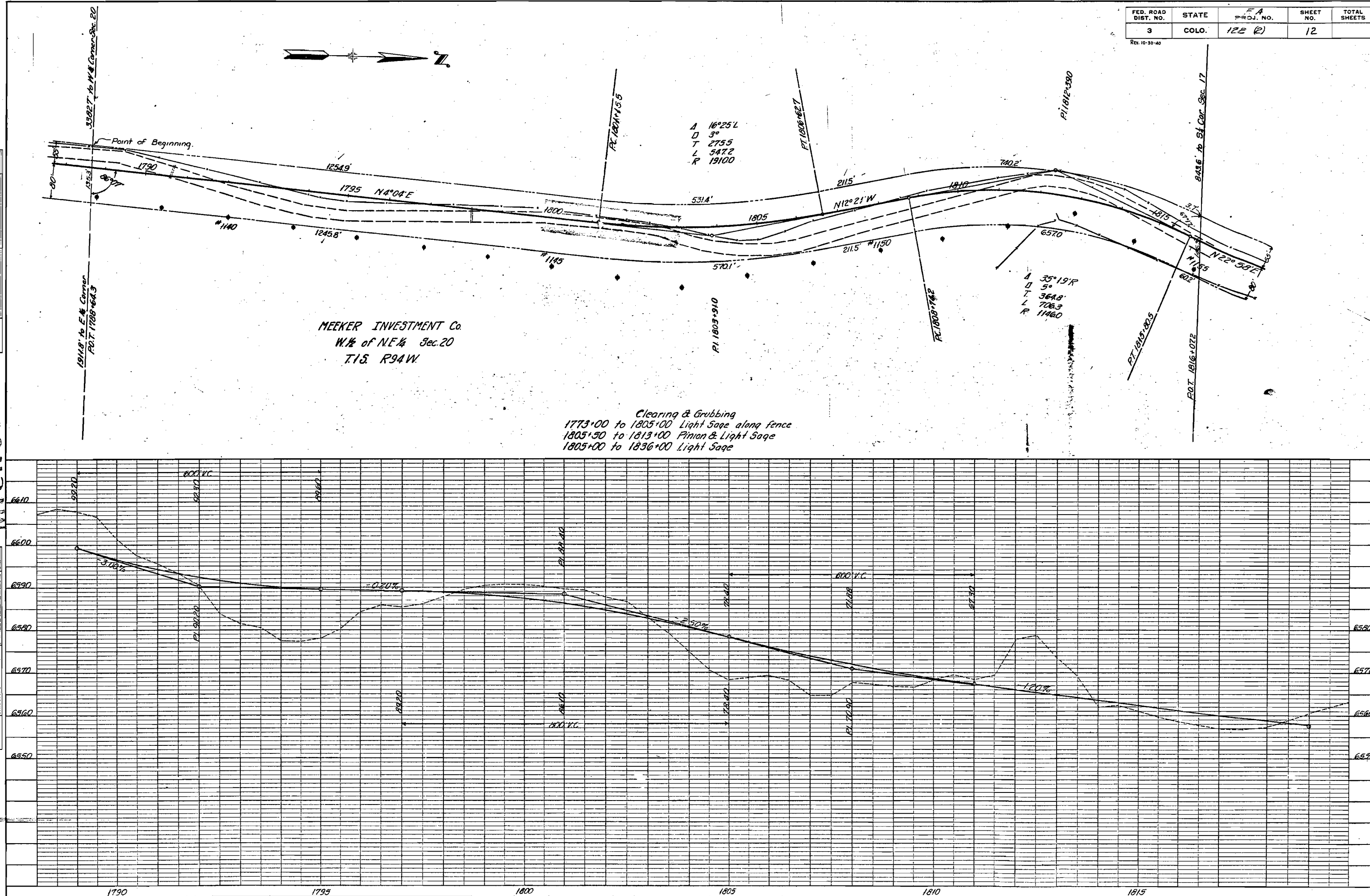
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3	COLO.	122 (2)	12	

REV. 10-30-40

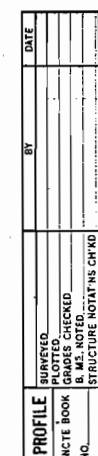
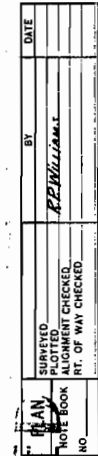
PLAN	SURVEYED	DATE
	NOTE BOOK	
BY	ALIGNED CHECKED	
	RT. OF WAY CHECKED	

MICROFILM

PROFILE	SURVEYED	DATE
	NOTE BOOK	
BY	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	128-(2)	13	

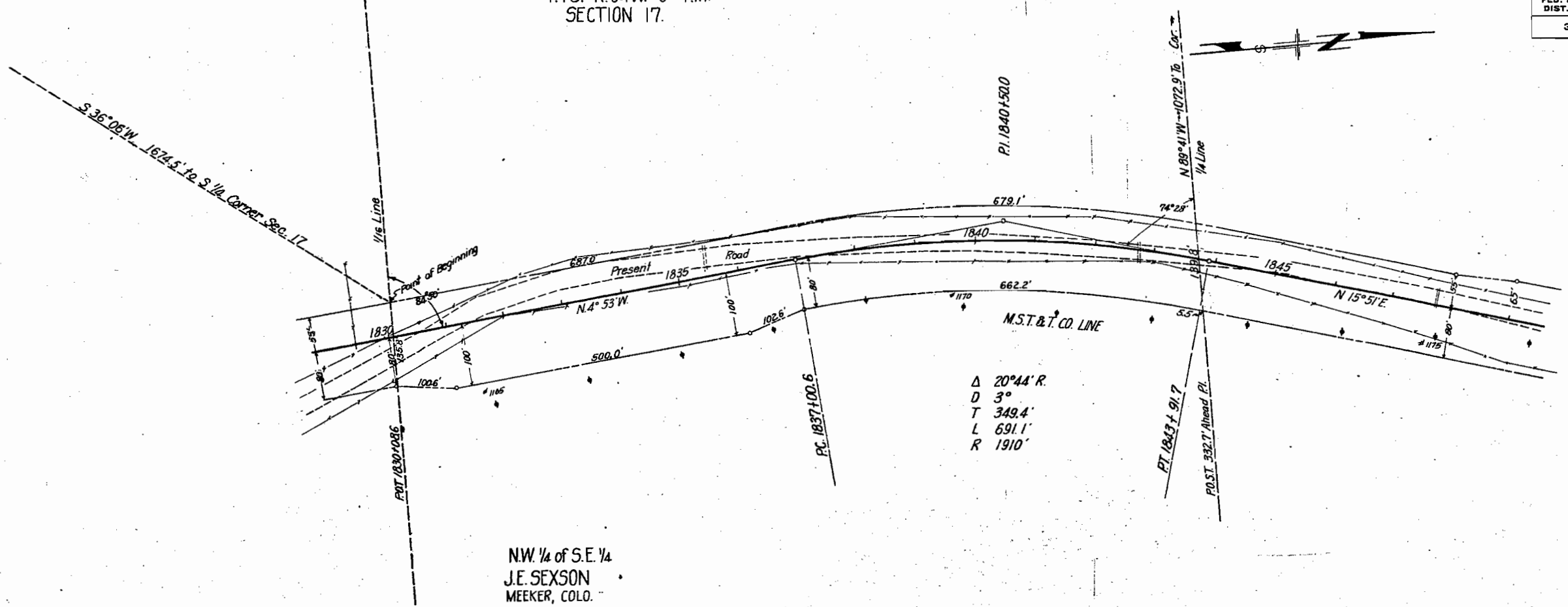


T.15. R.94W. 6th PM.
SECTION 17.

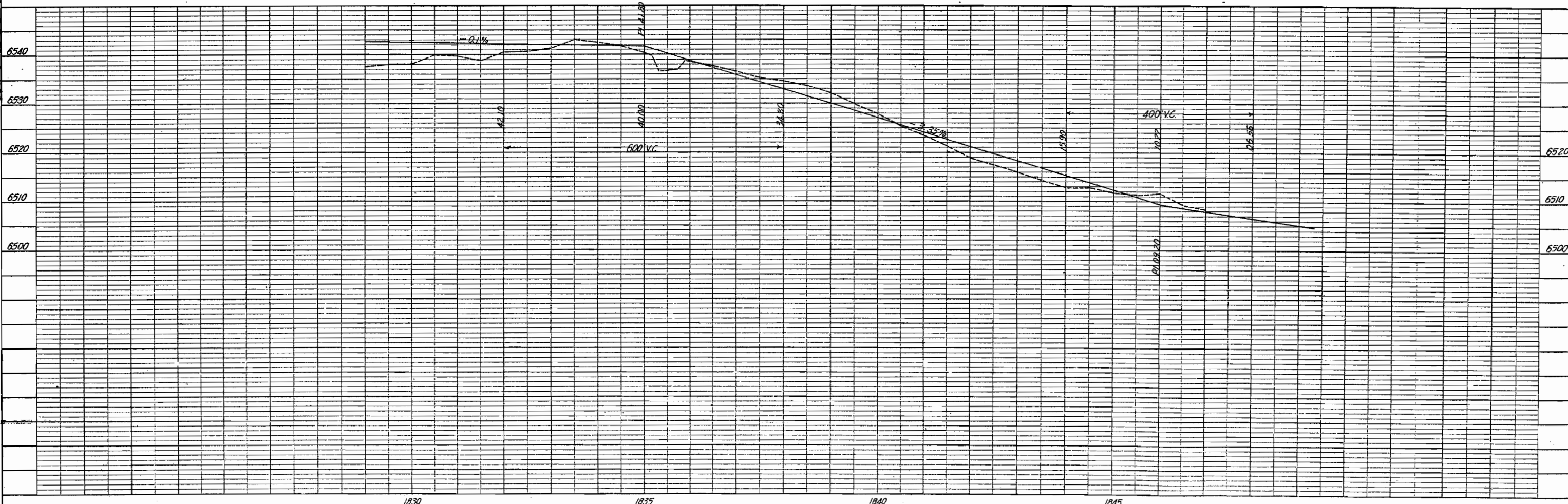
Rev. 11-2-40

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	128-(2)	14	

R.Q.W. MAP

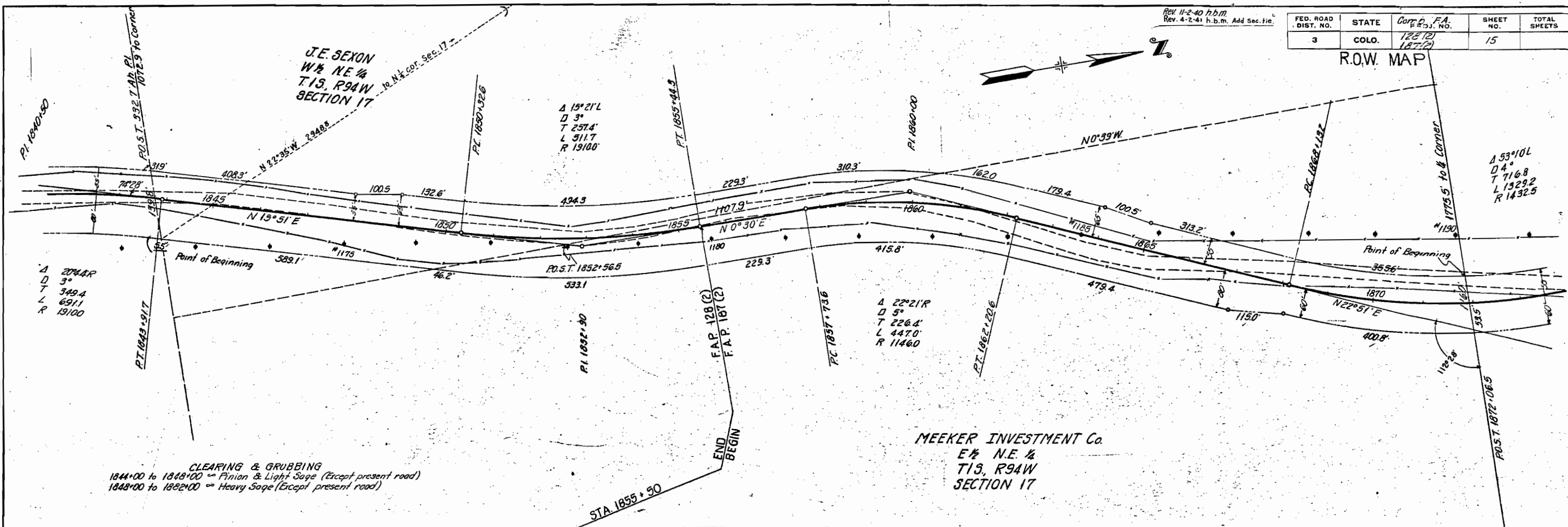


N.W. 1/4 of S.E. 1/4
J.E. SEXSON
MEEKER, COLO.



PROFILE	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	GRADES CHECKED _____		
	B. M.'S. NOTED _____		
NO. _____	STRUCTURE NOTATION'S CHECKED _____		

MACROFILM



T. 15, R. 94W.
SEC. 8

Rev. 11-6-40
hbm Rev. 4-2-41 Corr. Sec. Namechange

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	187-(2)	16	

Right of Way Map

Margaret Hughes,
Meeker, Colo.

W $\frac{1}{2}$ Lot 1.
W $\frac{1}{2}$ Lot 4.
(W $\frac{1}{2}$ SE $\frac{1}{4}$)

P.I. 1897+45.1

MEEKER INVESTMENT CO.
MEEKER, COLO.
E $\frac{1}{2}$ SE $\frac{1}{4}$

Δ 53° 10' L
D 4° 00'
T 716.8'
L 1329.2'
R 1432.5'

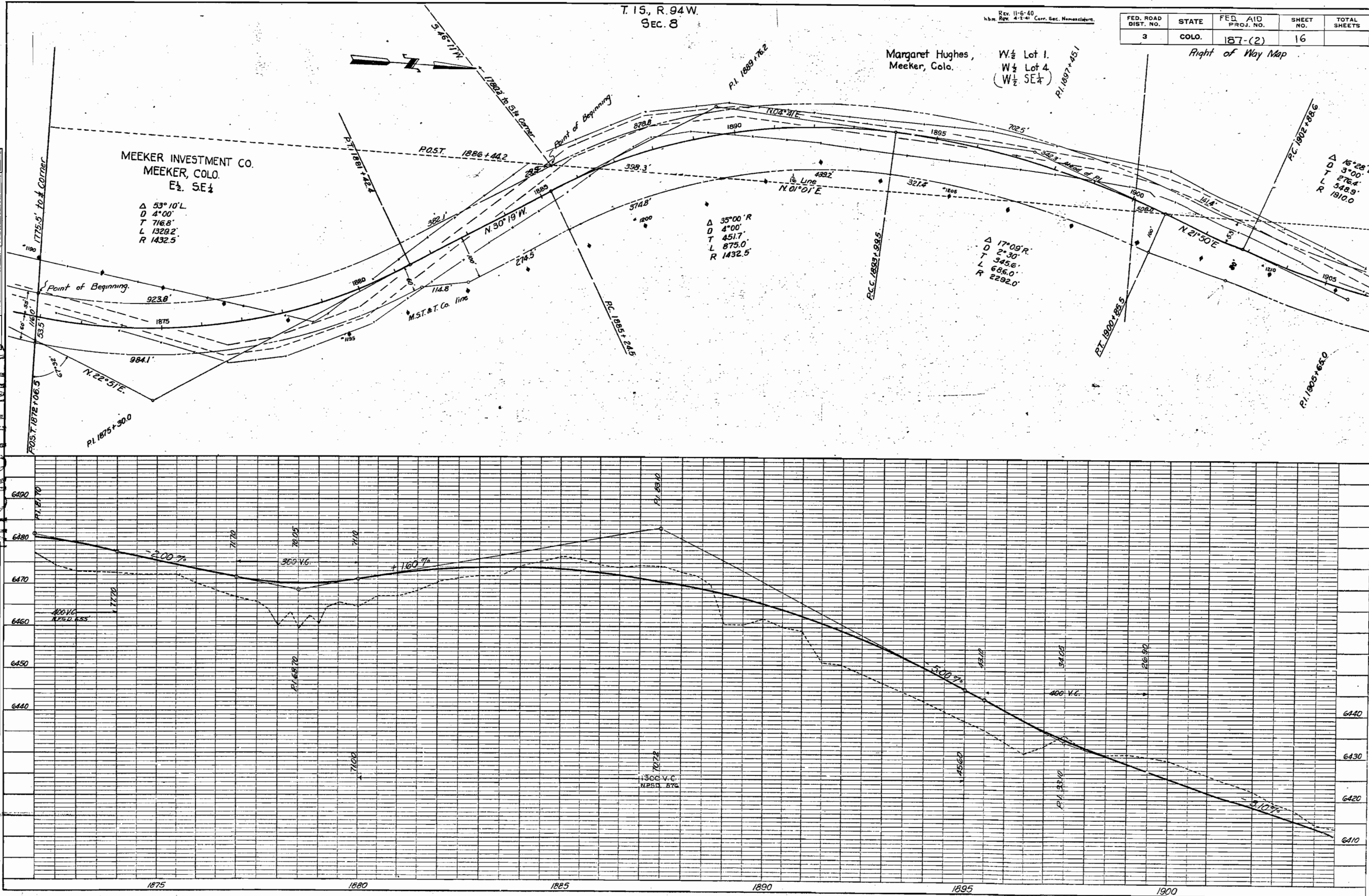
Δ 35° 00' R
D 4° 00'
T 451.7'
L 875.0'
R 1432.5'

Δ 17° 09' R
D 2° 30'
T 345.6'
L 686.0'
R 2292.0'

Δ 16° 28' L
D 3° 00'
T 276.4'
L 548.9'
R 1910.0'

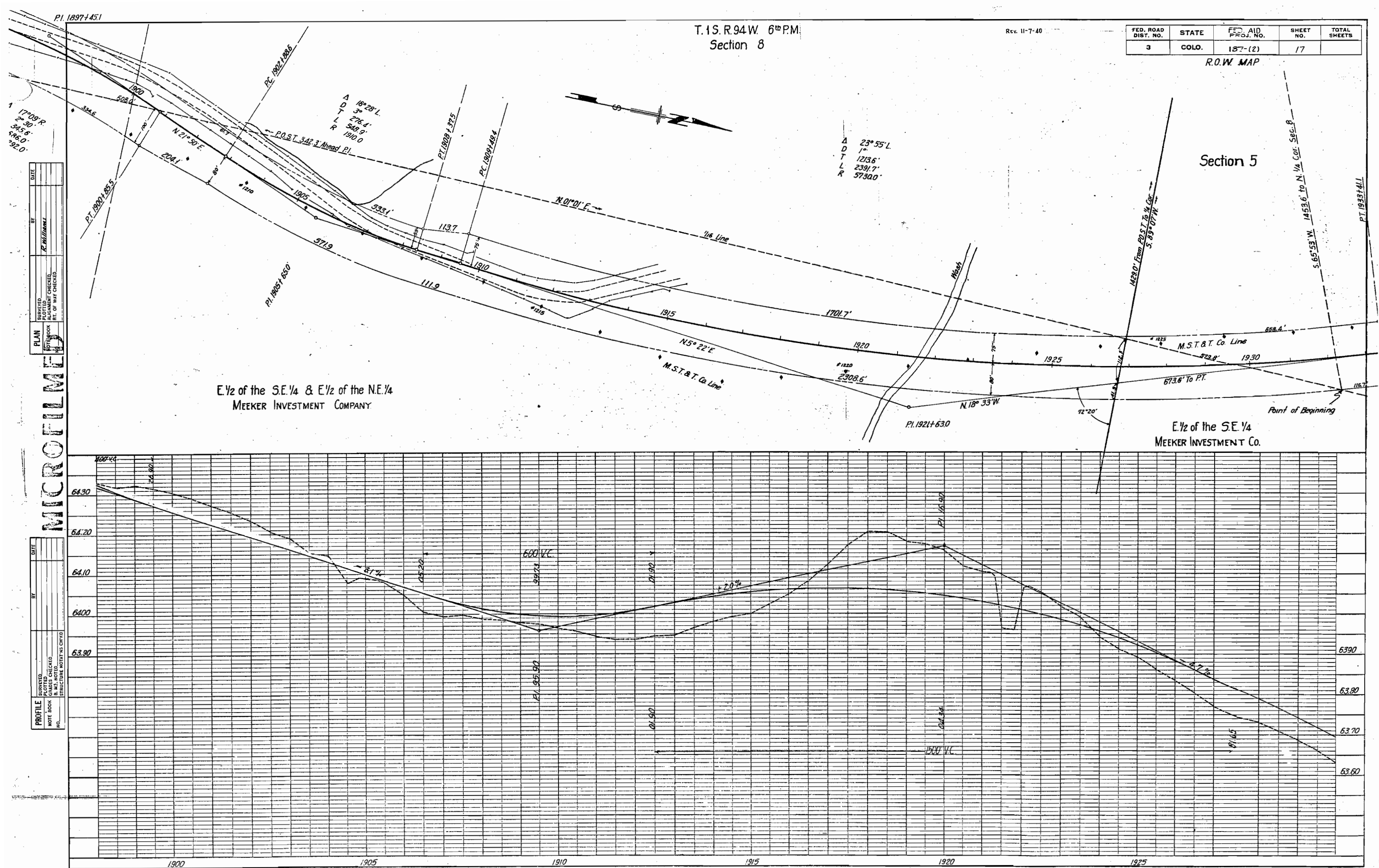
PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTED		
STRUCTURE NOTED		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTED		
STRUCTURE NOTED		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	157-(2)	17	

R.O.W. MAP



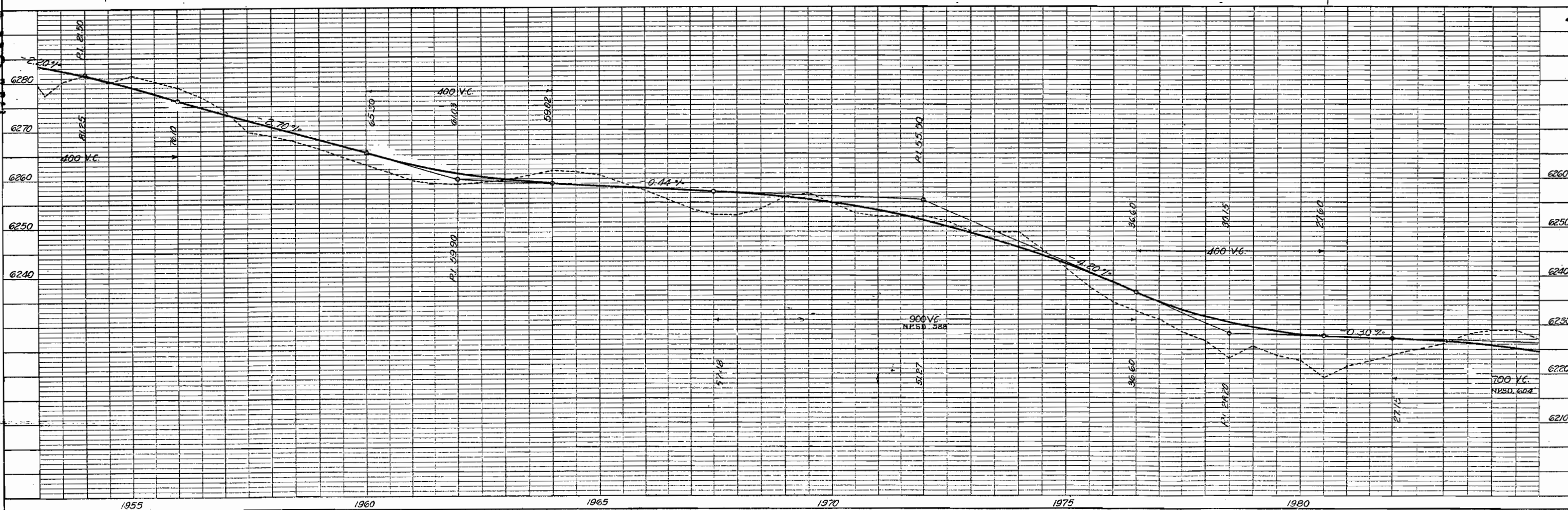
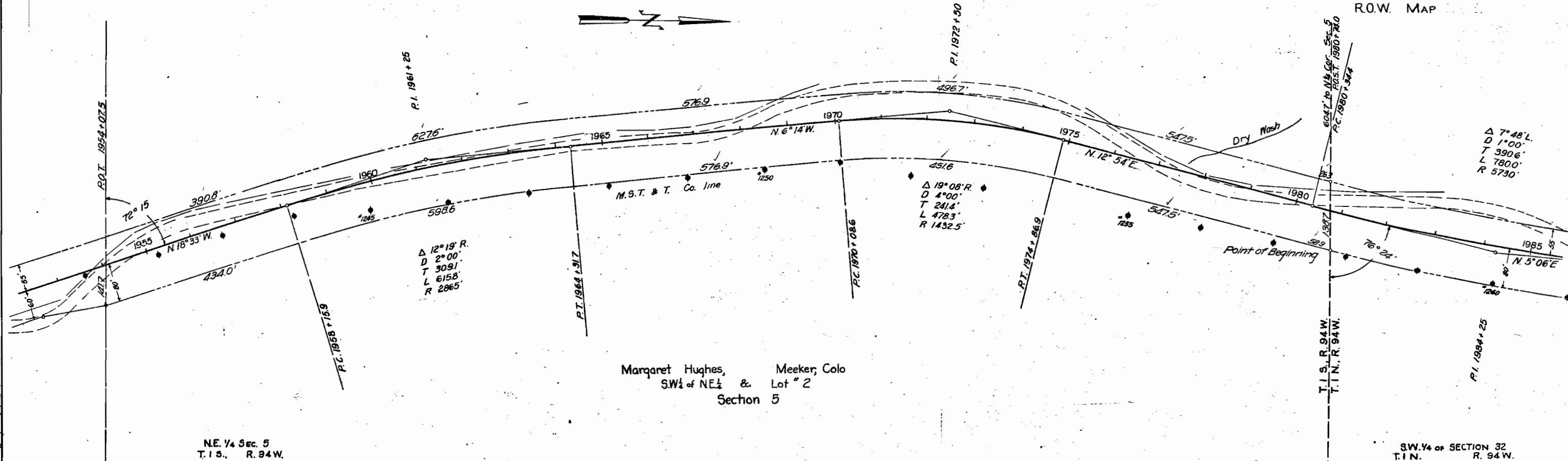
6047 to NY Cor. Sec. 5
P.O.S.T. 1980 + 74.0
P.C. 1980 + 34.0

Δ 7° 48' L.
D 1° 00'
T 390.6'
L 780.0'
R 5730'

S.W. 1/4 of SECTION 32
T. 1 N. R. 94 W.

Margaret Hughes, Meeker, Colo
SW $\frac{1}{4}$ of NE $\frac{1}{4}$ & Lot # 2
Section 5

N.E. 1/4 Sec. 5
T. 1 S., R. 34 W.

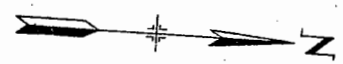


Construction

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(3)	6	

A & B Lines

T. 2 S., R. 94 W.
SECTION 16



D.W. BLACK
S.W. 1/4 of S.W. 1/4

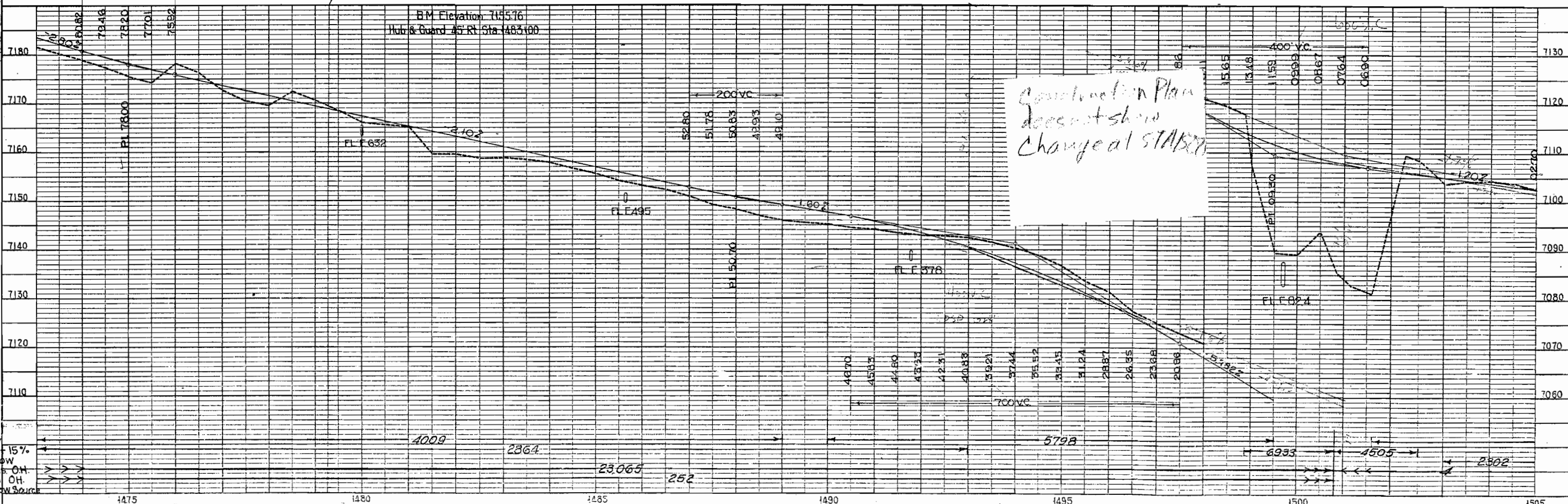
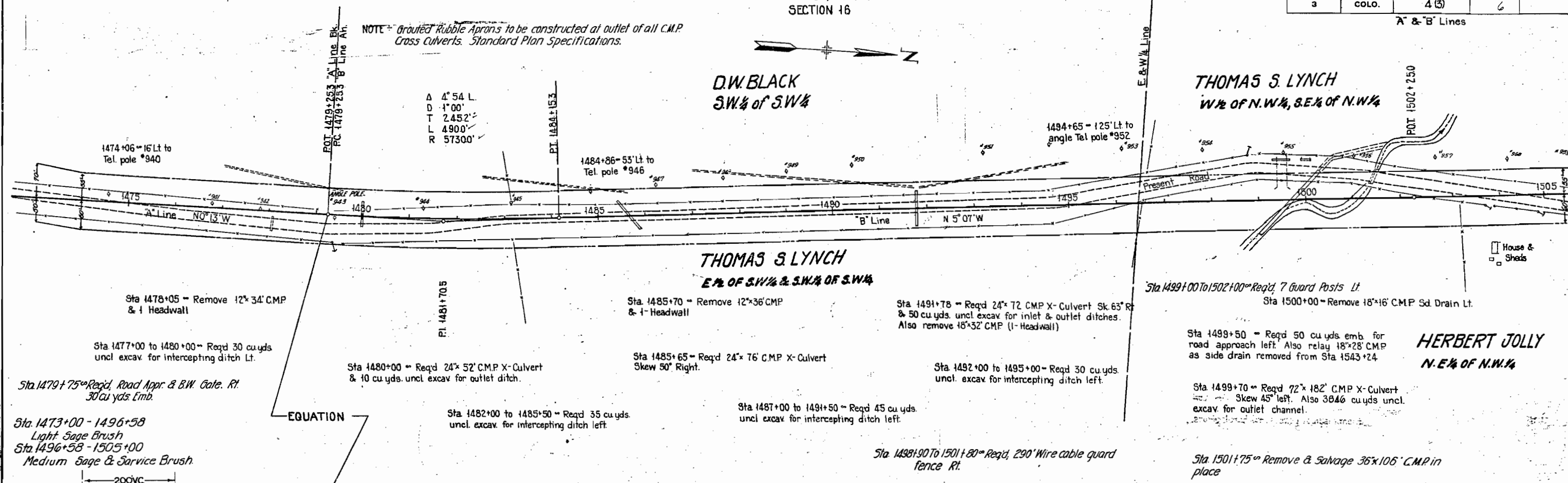
THOMAS S. LYNCH
W. 1/2 of N.W. 1/4, S.E. 1/4 of N.W. 1/4

THOMAS S. LYNCH
E. 1/2 of S.W. 1/4 & S.W. 1/4 of S.W. 1/4

HERBERT JOLLY
N.E. 1/4 of N.W. 1/4

NOTE - Grouted Rubble Aprons to be constructed at outlet of all C.M.P. Cross Culverts. Standard Plan Specifications.

Δ 4' 54" L.
D 1' 00"
T 2.452'
L 4.900'
R 57300'



DATE	BY	REVISION
NOV 20 1950	N.M. Carson	1. PLANNING
		2. DESIGN
		3. CONSTRUCTION

DATE	BY	REVISION
NOV 20 1950	N.M. Carson	1. PLANNING
		2. DESIGN
		3. CONSTRUCTION

Excav
emb 15%
Borrow
Sta 1475 OH
Sta 1480 OH
Sta 1485 OH
Sta 1490 OH
Sta 1495 OH
Sta 1500 OH
Sta 1505 OH

T 2 S., R. 94 W.

SECTION 16

SECTION 9

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	15	7	

"B" Line

HERBERT JOLLY

3/4 OF SW 1/4 & NW 1/4 OF SW 1/4

Sta. 1525+35 - Remove 12' x 28' CMP in place
1 Headwall.

Wash

Sta. 1524+30 - 25' rt.
to Tel. pole #971Sta. 1530+85 - 52' rt.
to Tel. pole #975

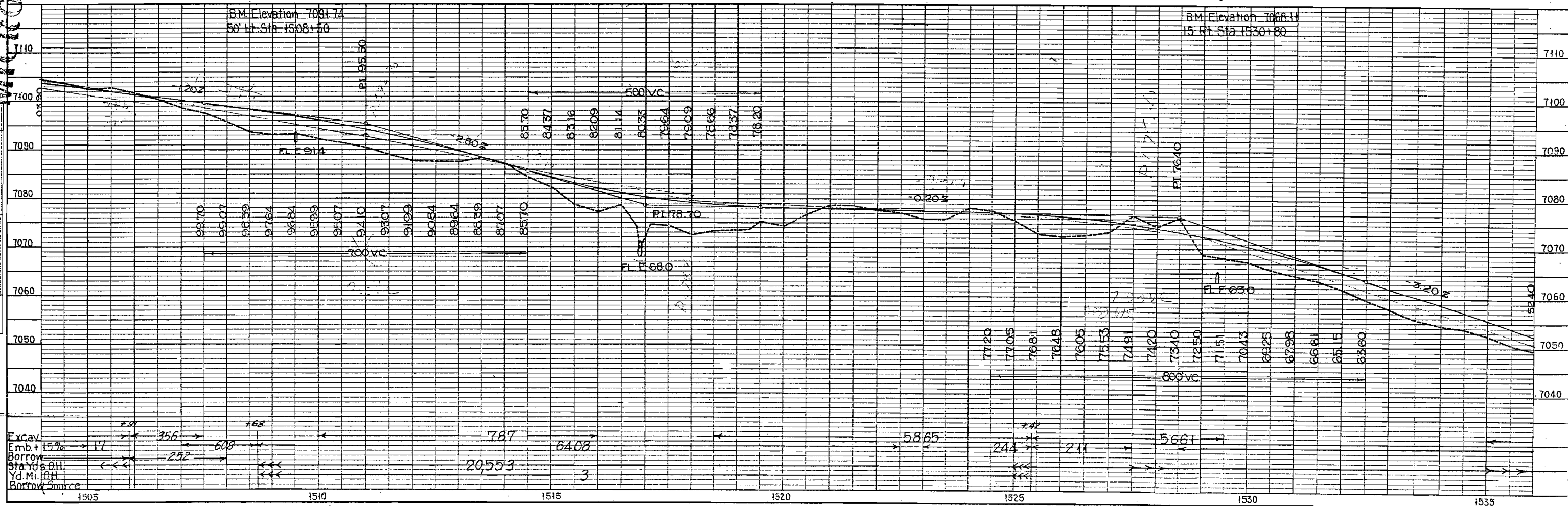
House

Sta. 1509+50 - Req'd 24' x 60' CMP X-Culv. &
10 cu. yds. uncl. exc. for inlet & outlet ditchesSta. 1508+55 - 57' left
to Telephone pole #961Sta. 1515+73 - 21' lt.
to Tel. pole #966Sta. 1509+25 - Remove 24' x 36' CMP
Culvert (1 Headwall)Sta. 1516+70 - Remove 18' x 32' CMP
Culvert (1 Headwall)Sta. 1519+50 - Remove 18' x 32' CMP
Culvert (1 Headwall)Sta. 1527+00 to 1529+00 - Req'd 20 cu. yds.
uncl. excav. for intercepting ditch rightSta. 1531+50 - Req'd 40 cu. yds. emb.
for road approach & 18' x 20' CMP sd. dr. rt.
18W Gate Remove 10' x 20' CMPSta. 1529+33 - Req'd 24' x 74' CMP X-Culvert &
10 cu. yds. uncl. excav. for inlet ditch. Also
Remove & salvage 24' x 36' CMP (1-Headwall)Sta. 1534+25 - Req'd 36' x 60' CMP + Culv.
& inlet ditch.Sta. 1506+00 to 1509+00 - Req'd
Woven Wire fence & driveway
Gate on Left of Sta. 1508+50

Sta. 1516 to 1527 - Req'd 1100' Wire cable guard fence Lt.

Sta. 1505+00 - 1535+00
Medium Sage & Service Brush.

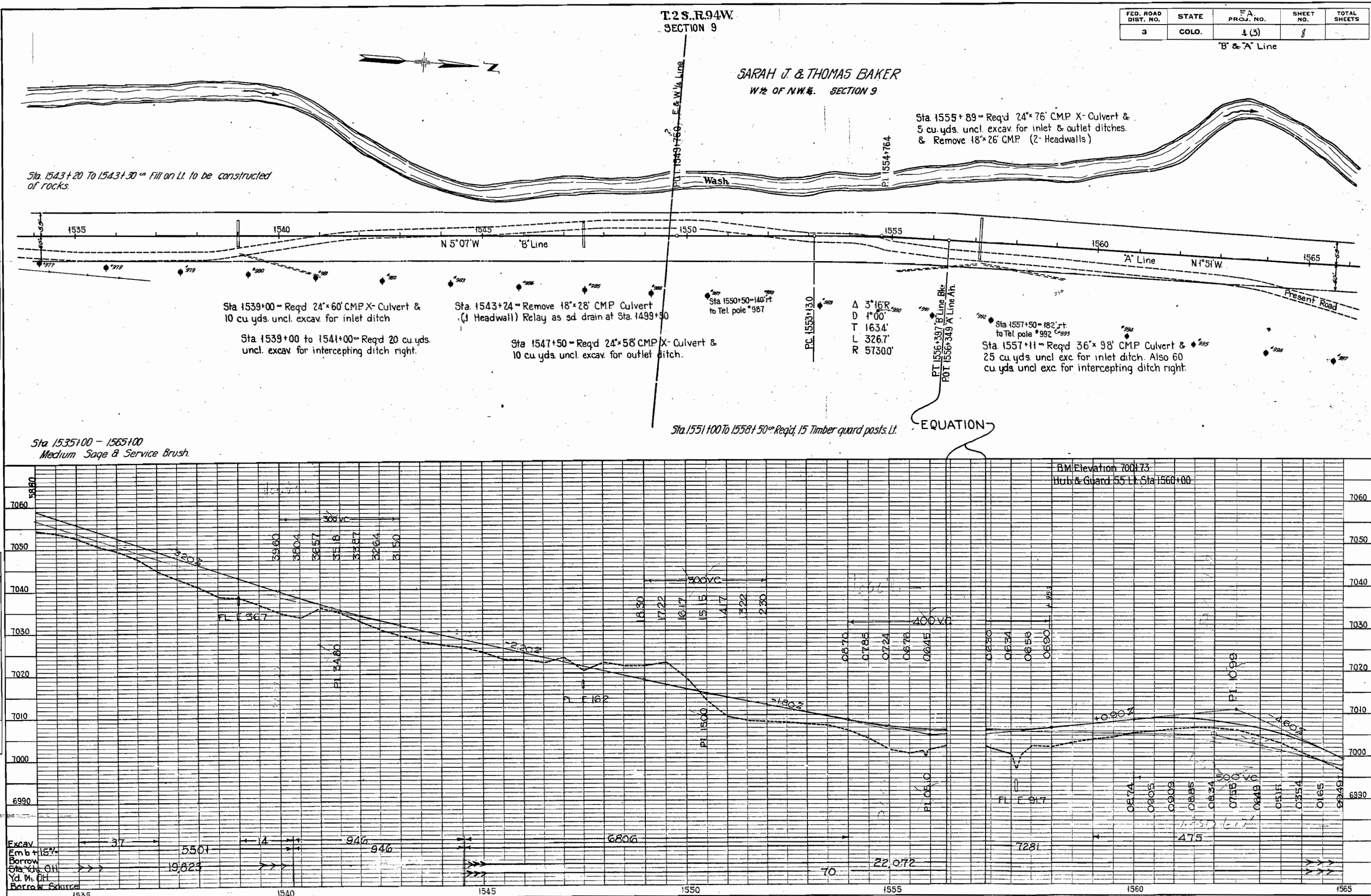
Sta. 1538+00 to 1546+00 - Req'd 17 Timber guard posts Lt.



DATE	BY	REVIEWED	DATE	BY	REVIEWED
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe

MICROFILME

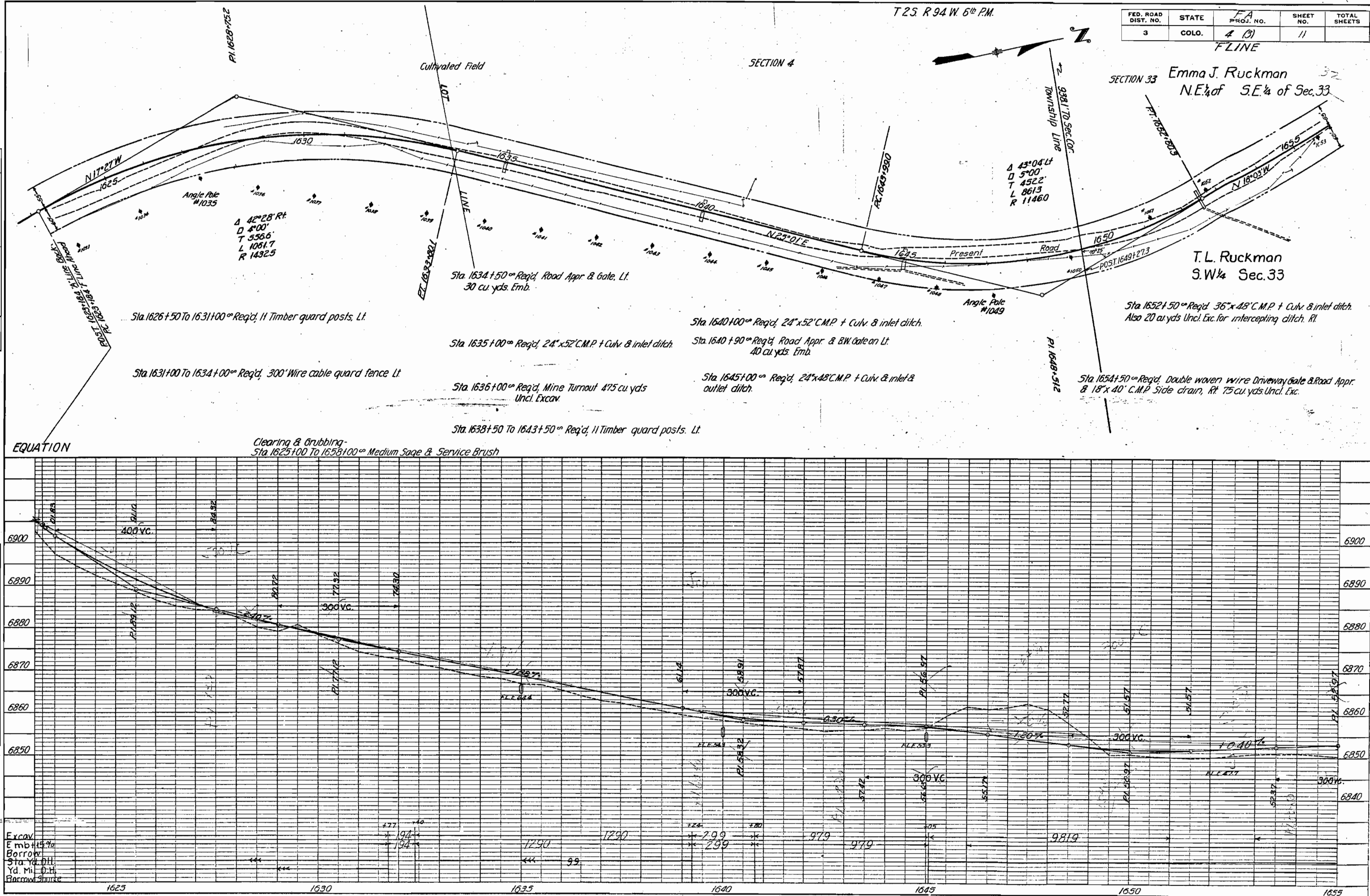
DATE	BY	REVIEWED	DATE	BY	REVIEWED
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe
10/1/50	N.M. Coombe	N.M. Coombe	10/1/50	N.M. Coombe	N.M. Coombe



DATE	BY	REVIEWED	DATE
PLAN		PROFILE	
SURVEYED PLOTTED NOTE BOOK GRADES CHECKED STRUCTURE NOTES CHECKED		SURVEYED PLOTTED NOTE BOOK GRADES CHECKED STRUCTURE NOTES CHECKED	

MICROFILMED

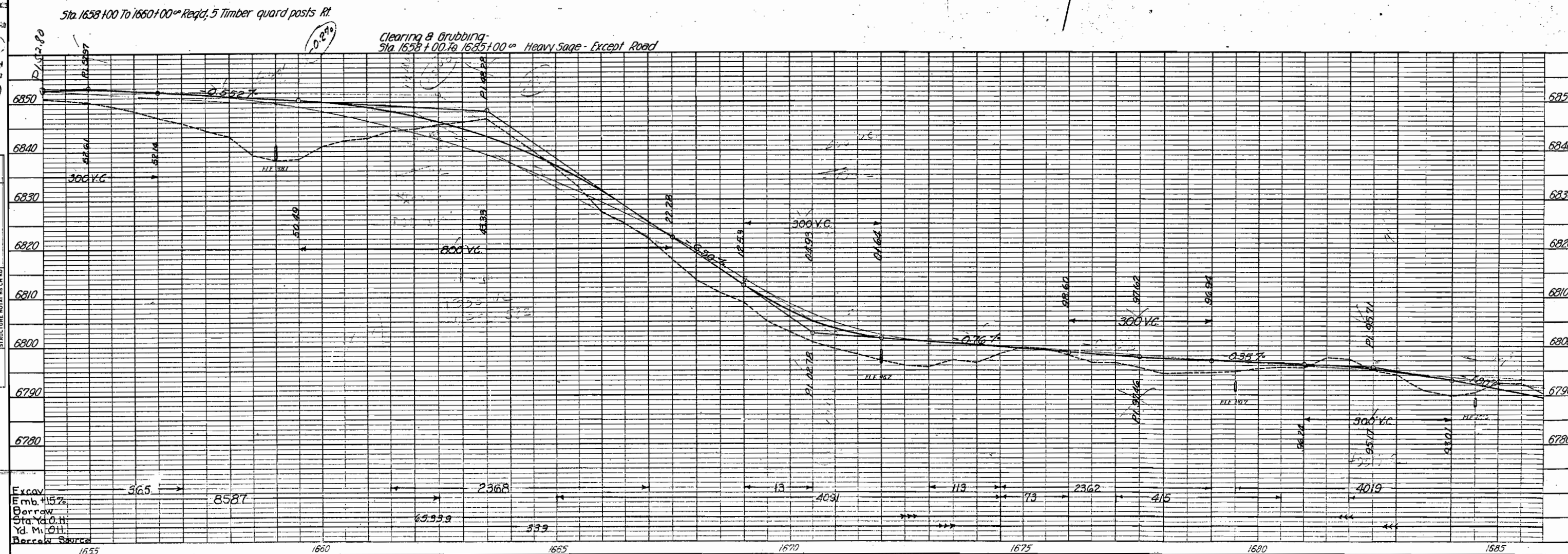
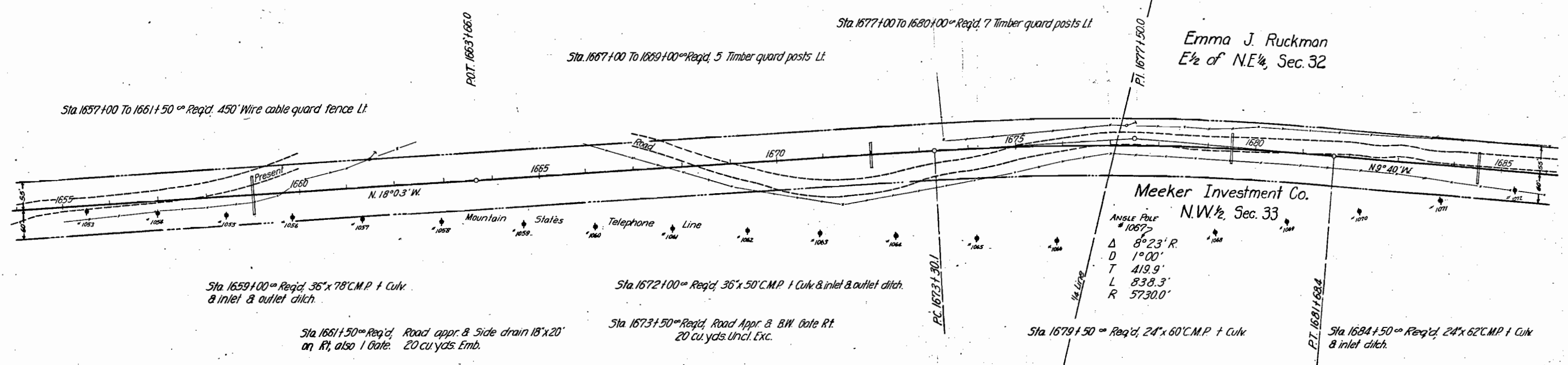
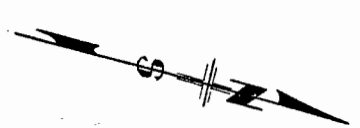
DATE	BY	REVIEWED	DATE
PLAN		PROFILE	
SURVEYED PLOTTED NOTE BOOK GRADES CHECKED STRUCTURE NOTES CHECKED		SURVEYED PLOTTED NOTE BOOK GRADES CHECKED STRUCTURE NOTES CHECKED	



T. 15 R. 94 W. 6th PM

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4-131	12	

F LINE



FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4- th (13)	13	

Sta. 1688+00 To 1693+00⁰⁰ Req'd. 500' Wire cable guard fence Lt. &
11 Timber guard posts Rt.

$$\begin{array}{rcl} \Delta & 17^{\circ}33' & L \\ D & 3^{\circ}00' & \\ T & 294.8 & \\ L & 585.0 & \\ R & 1910.0 & \end{array}$$

Sta. 1693150⁰⁰ Reg'd. Road Appr. & Gate, Lt. & Rt.
25 cu. Yds. Emb. & 25 cu. Yds. Uncl. Exc.

968 + 8091 10

Δ 10° 48' R.
 D 2° 00'
 T 270.9'
 L 540.0'
 R 2865.0'

Sta. 1689+50 To 1690+20⁰⁰ Fill on it. to be constructed of rocks.

Sta. 1692+44 ~ Req'd: 48' x 100' C.M.P. + Culv. Skew: 70° Rt.
& inlet ditch.

Sta. 1692+00 To 1692+40^m Fill on it to be constructed of rocks.

PJ 1690+240

$$.006 + 18.7$$

SECTION 32

SECTION 29

Meeker Investment Co.
E $\frac{1}{2}$ of S.E $\frac{1}{4}$, Sec.29

Sta. 1711+00⁰⁰ Req'd, 24"x58' C.M.P. f Culv. & inlet & outlet ditches.

Clearing & Grubbing-
Sta. 1685+00 To 1715+00⁰⁰ Heavy Sage Except Pr. Road.

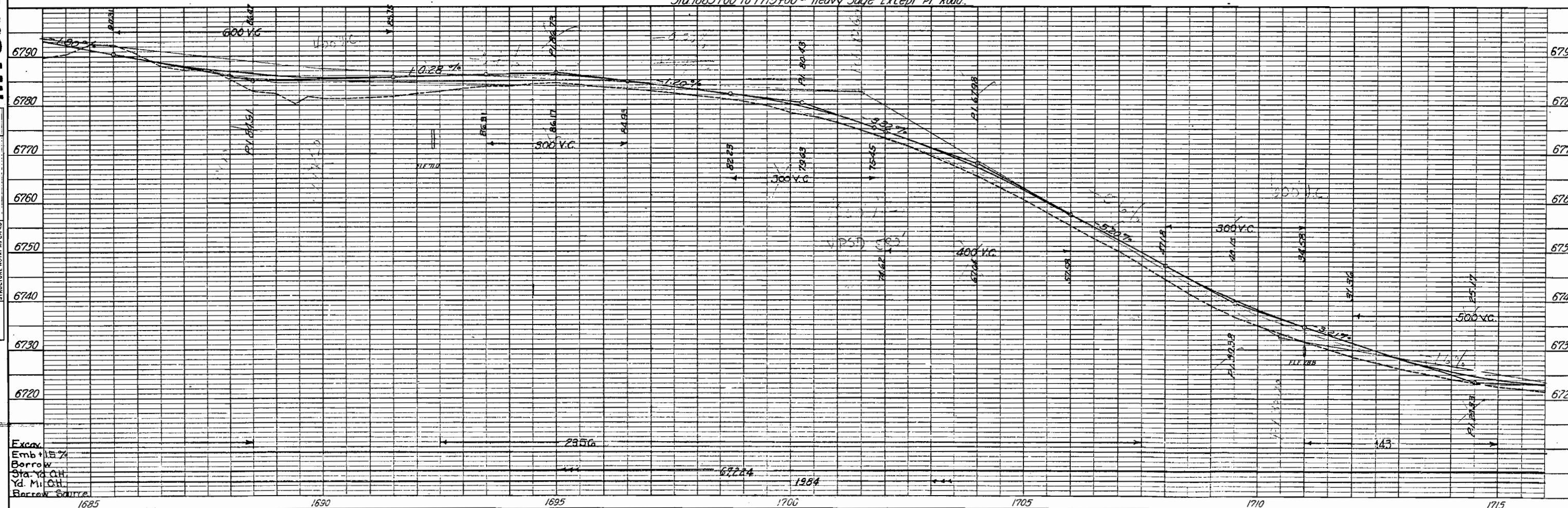


PLATE 1—PLAN—PROFILE OF F. R. & R. E. STANDARD
KUMMEL & SONS CO. NEW YORK

PLAN BOOK	SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED	BY	DATE

PROFILE NO. _____ NOTE BOOK _____	SURVEYED _____ PLOTTED _____ GRADES CHECKED _____ B. M.'S. NOTED _____ STRUCTURE NOTATIONS CHECKED _____		BY _____	DATE _____
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T.15. R94W6° PM.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	14	

"F" LINE

ELLA GORHAM DIXON
(Estate of Gay Gorham)
W $\frac{1}{2}$ of NE $\frac{1}{4}$, Sec. 29

Δ 14°25' Lt.
D 2°
T 362.4
L 720.8
R 28650

Sta 1716+25° Req'd. Road Appr. on Lt. & Rt. 18W gate Rt. 40 cu yds Emb.

Sta 1725+00° Req'd. Road Approach & Gate Rt & Lt. also 18" Side drain on Rt. 40 cu yds Emb. 18"x20" Salvaged Side Drain Lt.

P.I. 1715+880

ANGLE POLE #1094

Δ 1721° Rt.
D 2°
T 437.1
L 867.5
R 28650

Sta 1716+50° Req'd. 36"x60" C.M.P. + Culv. also inlet & outlet ditch. Also 20 cu yds Und. Exc. for intercepting ditch, Rt.

Sta 1716+65° Remove & Reset Mail Box. Rt.

Sta 1725+15° Remove & Reset Mailbox.

Sta 1726+50° Req'd. 36"x62" C.M.P. + Culv. & inlet ditch.

Sta 1727+00 To 1729+00° Req'd. 200' Wire cable guard fence Lt.

Sta 1735+00 To 1737+00° Req'd. 5 Timber guard posts. Lt.

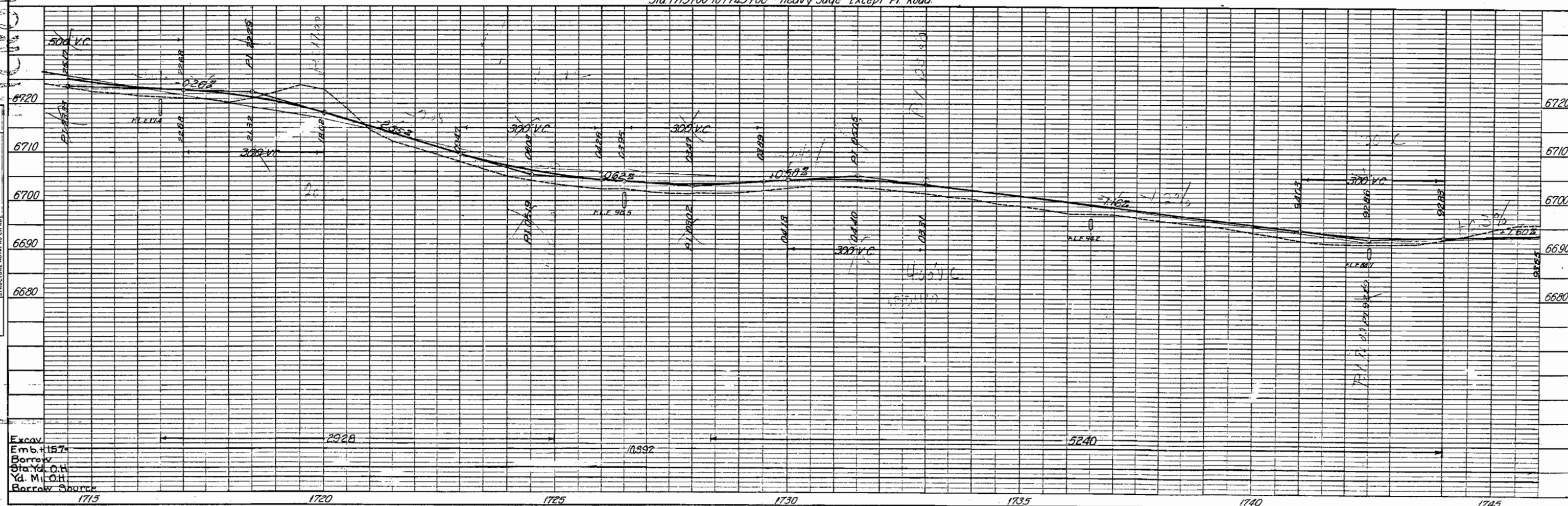
Sta 1736+50° Req'd. 24"x52" C.M.P. + Culv.

Sta 1739+75° Req'd. Road appr. & 1 B.W. Gate Lt. 25 cu yds Emb.

Sta 1742+50° Req'd. 24"x52" C.M.P. + Culv. also inlet ditch.

MEEKER INVESTMENT Co.
E $\frac{1}{2}$ of NE $\frac{1}{4}$, Sec. 29.

Clearing & Grubbing -
Sta 1715+00 To 1745+00° Heavy Sage Except Pr. Road



FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	15	

F LINE

T. 1 S. R. 94 W.

ELLA GORHAM DIXON
(Estate of Fay Gorham)
W 1/2 of S.E. 1/4, Sec. 20

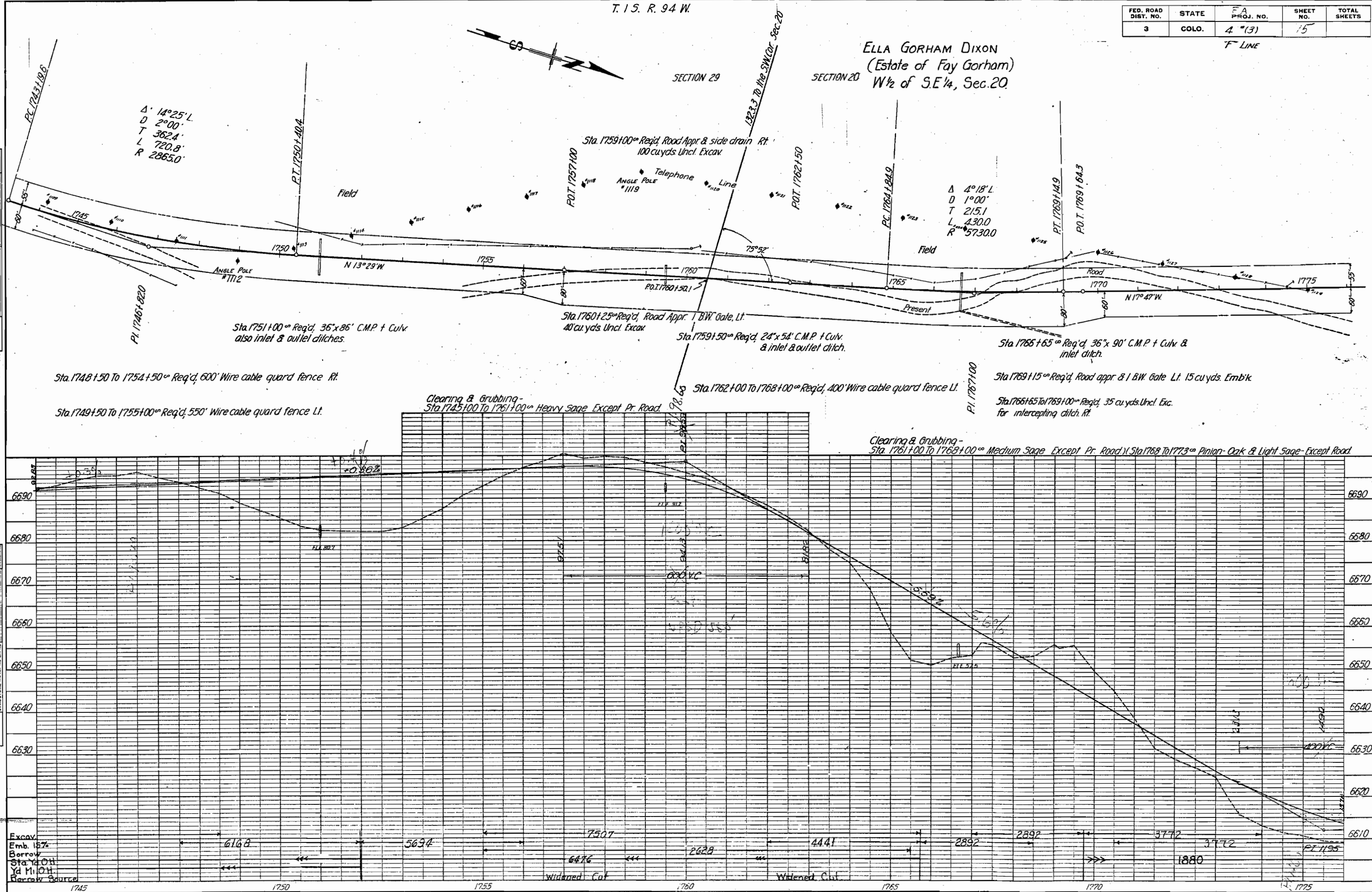
SECTION 29

SECTION 20

Δ 14°25' L
D 2°00'
T 362.4
L 720.8
R 2865.0

Δ 4°18' L
D 1°00'
T 215.1
L 430.0
R 5730.0

PLAN	DATE	BY
	SURVEYED, PLOTTED, CHECKED, NOTE BOOK, RT. OF WAY CHECKED.	
PROFILE	DATE	BY
	SURVEYED, PLOTTED, CHECKED, NOTE BOOK, B.M. NOTED, STRUCTURE NOTATIONS CHECKED.	



T.I.S. R.94W 6th PM.

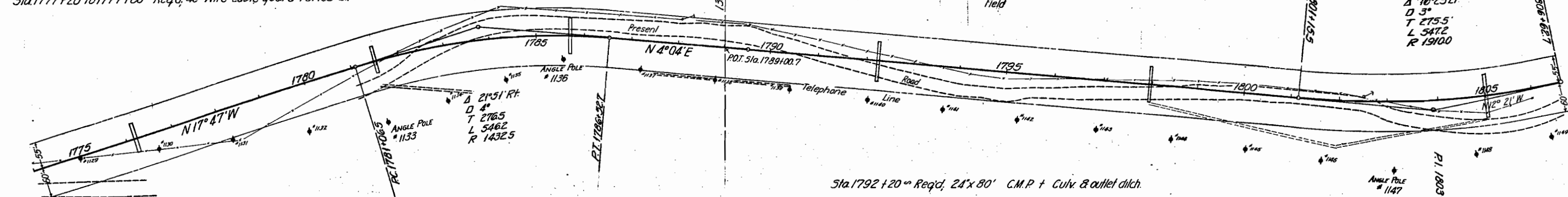
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	16	

F LINE

W. 1/2 of the N.E. 1/4 Sec 20
MEEKER INVESTMENT CO.

Sta. 1777+20 To 1777+60 Req'd. 40' Wire cable guard fence Lt.

Sta. 1791+50 To 1799+50 Req'd. 800' Wire cable guard fence Lt.



Sta. 1776+18 Req'd. 24'x58' C.M.P. + Culv.

Sta. 1785+70 Req'd. 24'x78' C.M.P. + Culv. & inlet & outlet ditches.

Sta. 1792+20 Req'd. 24'x80' C.M.P. + Culv. & outlet ditch.

Sta. 1781+30 To 1787+00 Req'd. 570' Wire cable guard fence Lt.

Sta. 1797+95 Req'd. 24'x72' C.M.P. + Culv. & 80 cu. yds. Uncl. Exc. for intercepting ditch Rt.

Sta. 1805+00 Req'd. 36'x86' C.M.P. + Culv. & inlet ditch.

Sta. 1781+50 Req'd. 24'x56' C.M.P. + Culv. & inlet & outlet ditches.

Sta. 1788+10 Req'd. Road Appr & B.W. Gate Lt. 20 cu. yds. Uncl. Exc.

Sta. 1801+00 To 1807+50 Req'd. 650' Wire cable guard fence Rt.

Sta. 1802+50 Req'd. Rd. appr. & B.W. Gate Lt. 25 cu. yds. Uncl. Exc.

Sta. 1803+00 To 1808+50 Req'd. 550' Wire cable guard fence Lt.

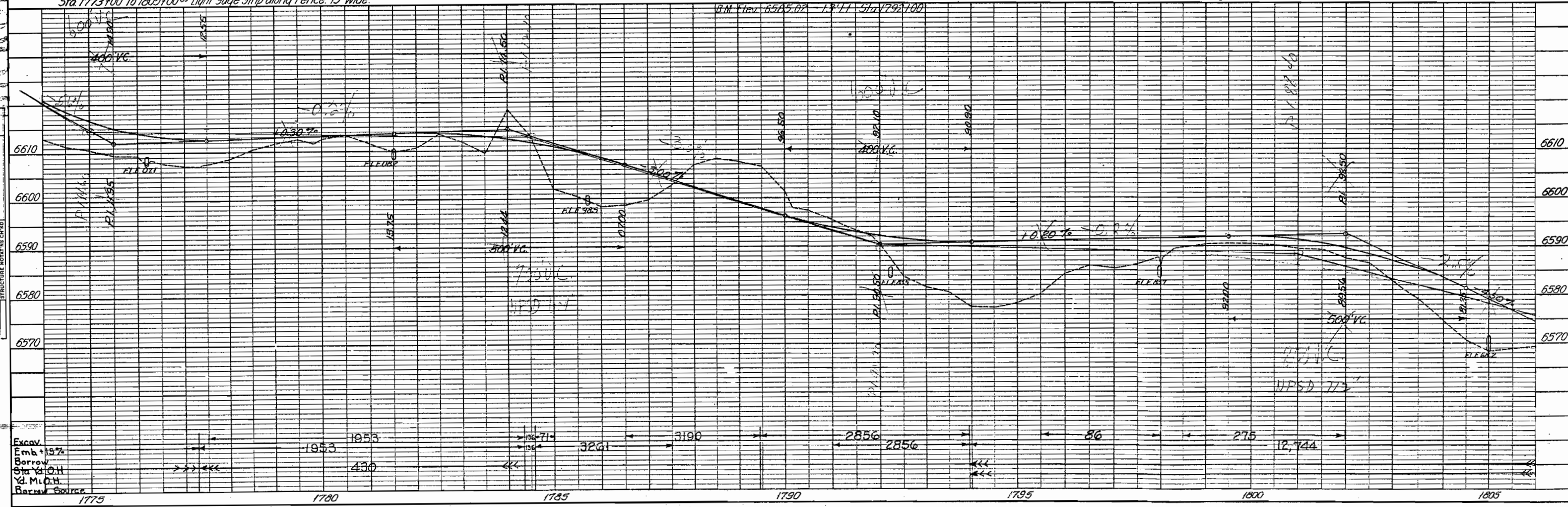
Sta. 1781+50 to 1783+50 Req'd. 30 cu. yds. Uncl. Exc. for intercepting ditch on Rt.

Sta. 1788+20 Remove & Reset Mailbox.

Sta. 1787+50 to 1790+50 Req'd. 30 cu. yds. Uncl. Exc. for intercepting ditch on Rt.

Sta. 1776+75 Req'd. Road appr. & B.W. Gate Lt. 30 cu. yds. Emb.

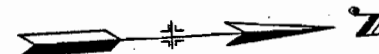
Clearing & Grubbing-
Sta. 1773+00 To 1805+00 Light Sage Strip along Fence. 15' wide.



T.15.R.94W 6th P.M.

FED. ROAD DIST. NO.	STATE	Proj. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	1-4(3)	18	

F LINE



J. E. SEXSON
W 1/2 of NE 1/4, Sec. 17

Δ 15°21' Lt.
D 3°00'
T 2574
L 5117
R 19100

Sta. 1863+00⁰⁰ Req'd 24"x54" C.M.P. + Culv.
& inlet ditch.

Δ 22°21' Rt.
D 5°00'
T 2264
L 4470
R 11460

Sta 1835+45⁰⁰ Req'd 36"x64" C.M.P. + Culv.
& inlet & outlet ditches.

Sta 1836+35⁰⁰ Req'd Road Appr. Rt. & Lt. 1 BW Gale Rt. & 15 cu yds.
Emb. & 15 cu yds. Uncl. Exc.

Sta 1842+75⁰⁰ Req'd 24"x68" C.M.P. + Culv.
& inlet & outlet ditches.

Sta 1837+00⁰⁰ Req'd Road Appr. & 1 BW Gale Lt. 15 cu yds. Emb.

Sta 1852+50 To 1853+00⁰⁰ Req'd 2 timber guard posts Lt.

Sta 1855+00⁰⁰ Req'd 24"x50" C.M.P. + Culv. &
inlet & outlet ditches.

Sta 1852+50 to 1855+00⁰⁰ Req'd 25 cu yds
Uncl. Exc. for Intercepting ditch on Rt.

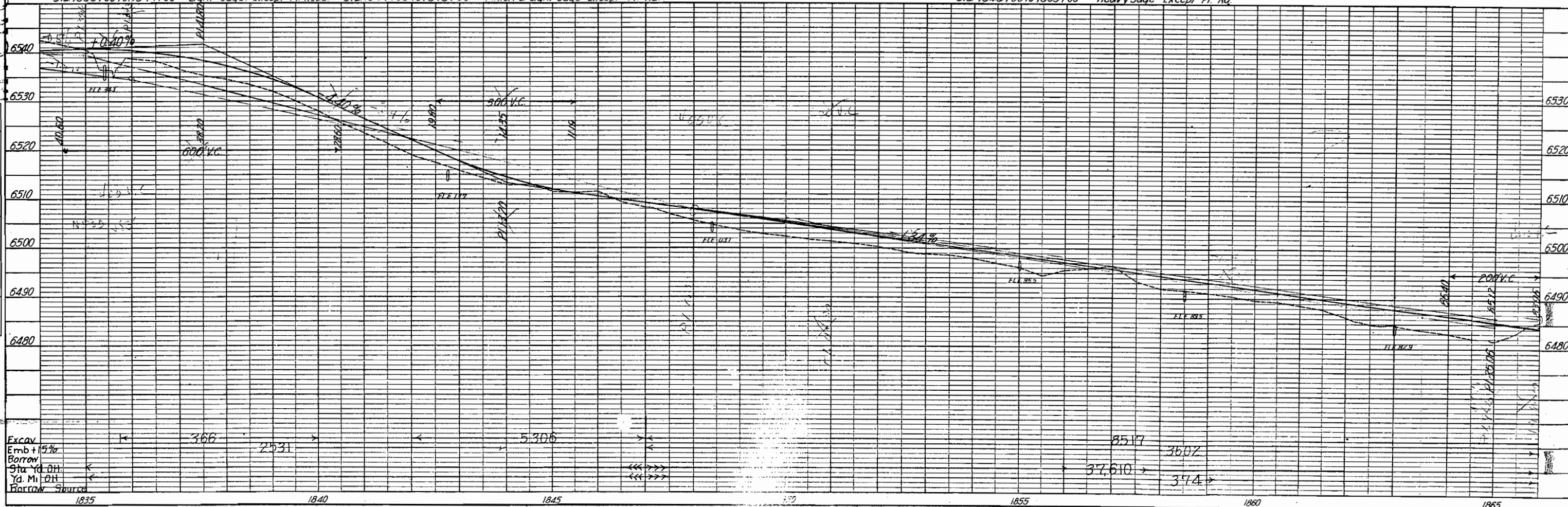
Sta 1858+50⁰⁰ Req'd 24"x52" C.M.P. + Culv. &
inlet & outlet ditches.

Sta 1864+72 To 1865+12⁰⁰ Req'd 40" wire cable guard fence Lt.

Sta 1858+50 To 1863+20⁰⁰ Req'd 470' wire cable guard fence Lt.

Clearing & Grubbing
Sta 1836+00 To 1844+00⁰⁰ Light Sage Except Pr Road Sta 1844+00 To 1848+00⁰⁰ Pinon & Light Sage Except Pr Rd

Clearing & Grubbing
Sta 1848+00 To 1865+00⁰⁰ Heavy Sage Except Pr Rd



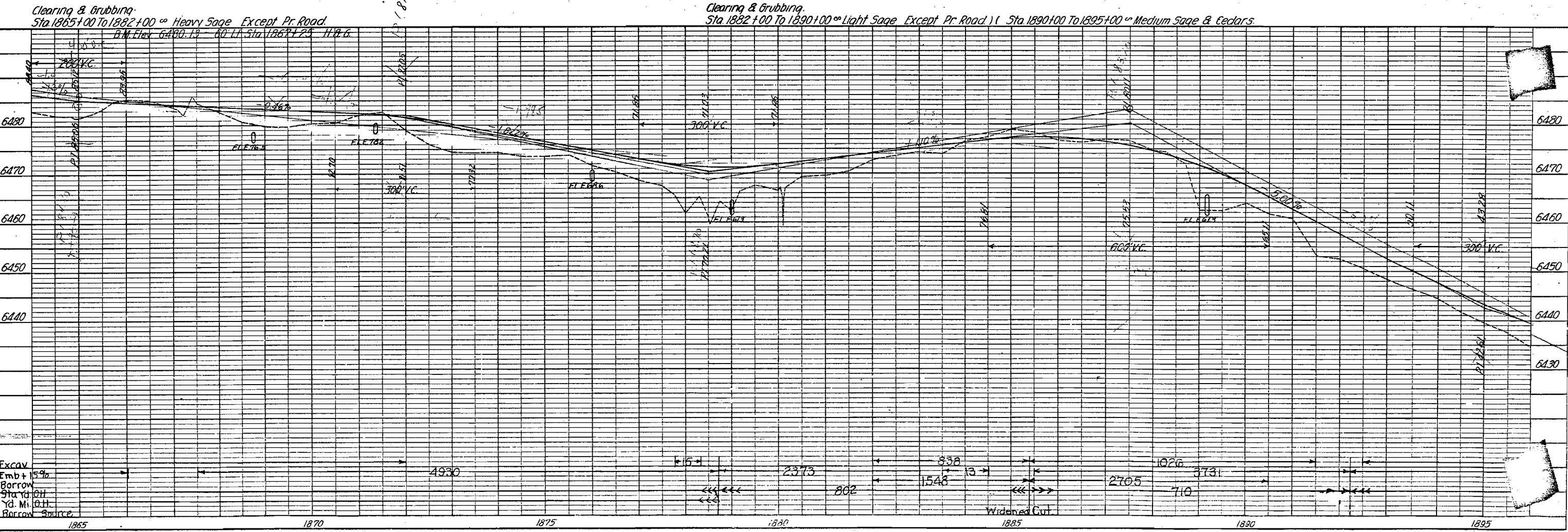
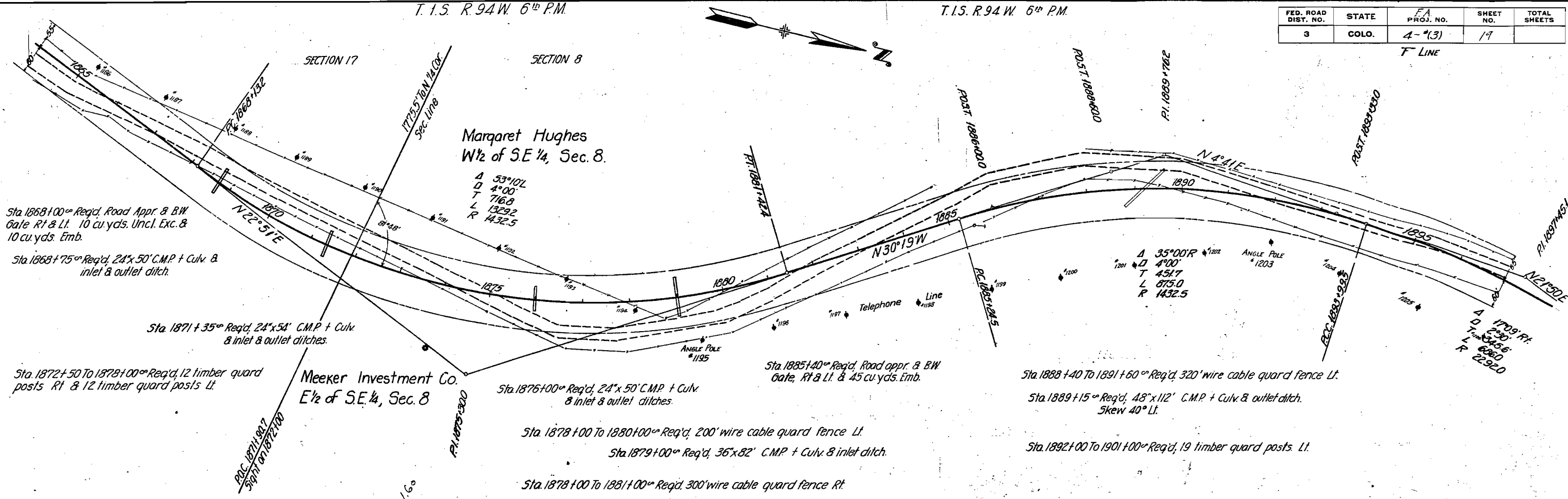
T.1.S. R.94W 6th PM

T.1.S. R.94W 6th PM

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4-(3)	17	

F LINE

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



"FLINE

N.W. 1/4 of NE 1/2 of the N.W. 1/4 Sec. 8
MARGARET HUGHES.

A 23°55' Lt.
D 1°00'
T 12136
L 2391.7
R 5730.0

Sta. 1907+00 To 1909+00⁰⁰ Req'd. 200' wire cable guard fence Lt.

Δ 1628L
D 3°
T 2764
L 5489
R 19100

17°09'Rt.
D 2°30'
T 3456
L 6860
R 22920

Sta 1896+00⁰⁰ Reg'd. Road appr. & 1 B.W. Gale Lt.
50 cu. yds. Emb.

Sta 1896+50 Req'd 24' x 58' C.M.P. + Culv. & inlet ditch

Sta 1902+80^m Req'd. 24' x 52' C.M.P. + Culv. & inlet

Sta 1906+00 Req'd. 24"x 50' C.M.P. + Culv. & inlet ditch.

Sta 1910+90⁰⁰ Req'd, 24"x72' C.M.P. + Cutv. & inlet ditch

Sta 1909+60⁰⁰ Reg'd. Road appr. & 1 B.W. Gate Lt. 5 cu.yds. Emb.

Sta 1910+50 To 1916+50 ~ Req'd. 13 timber guard posts Rt. also
13 on the Lt.

Sta. 1915+00⁰⁰ Reg'd. Road Appr. & 1 B.W. Gate Rt. 25 cu yds. Emb.

Sta 1921+65⁰⁰ Req'd. 19' Span Timber Bridge & Remove
& Salvage 36" C.M.P. in place.

Sta 1922+00⁰⁰ Reg'd. Road appr. 8 B.W. Gate Rt 8 Lt.
10 cu.yds Uncl. Exc. 100 cu.yds. Emb.

Sta. 1921+00 To 1922+00 Req'd. 3 timber guard posts Rt.
also 3 on the Lt.

BM Elev 539.266	Hub 8	Guard 130 ft	Lt Sta 1914156
-----------------	-------	--------------	----------------

Clearing & Grubbing- Sta 1905+00 To 1906+50⁰⁰ Medium Sage & Cedars // Sta 1906+50 To 1913+00⁰⁰ Light Sage. Except Pr. Road // Sta 1913+00 To 1925+00⁰⁰ Heavy Sage Except Pr. Road.

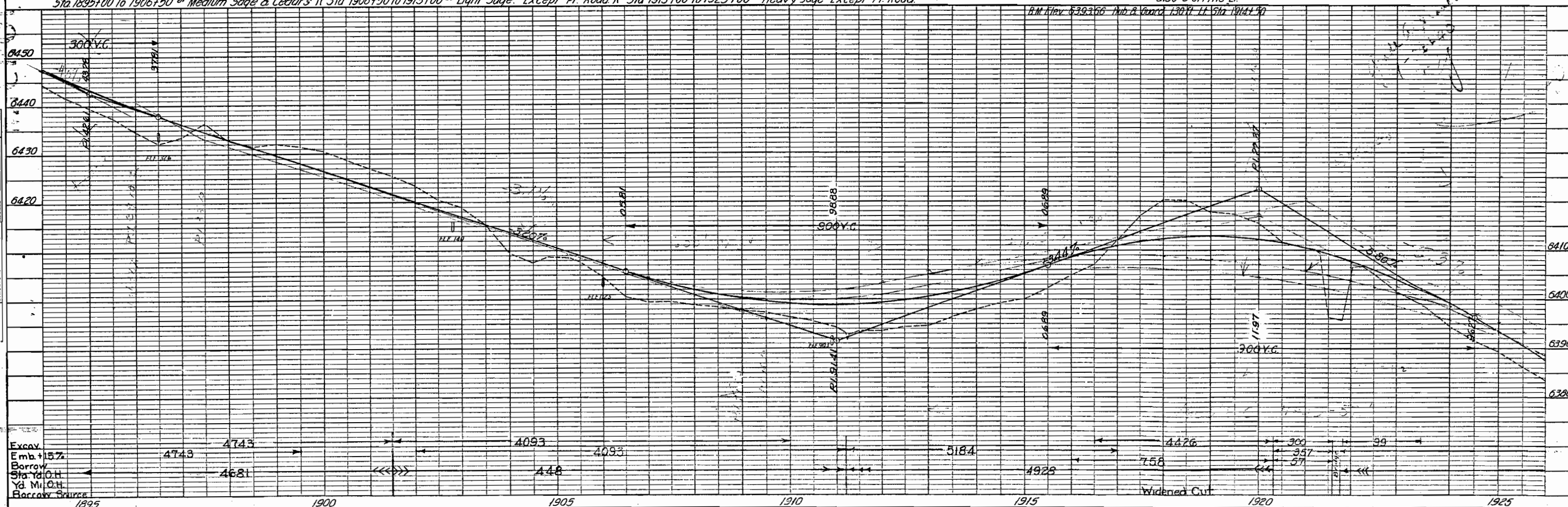


PLATE I - PLAN - PROFILE D. & R. & E. STANDARD

PLAN			BY	DATE
NOTE BOOK				
NO.				
SURVIVED				
PLOTTED				
ALIGNMENT CHECKED				
RT. OF WAY CHECKED				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B. M.'S. NOTED _____		
	NO. _____		

T. 1 S. R. 94 W. 6th P.M.

FED. ROAD DIST. NO.	STATE	FA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 # (3)	21	
F LINE				

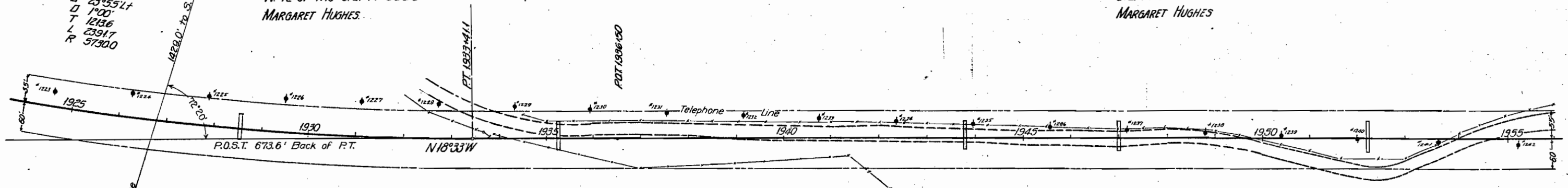
SEC. 8

SEC. 5

Δ 23°55' Lt
D 1°00'
T 12136
L 23917
R 57300

W. 1/2 of the S.E. 1/4 SEC. 5
MARGARET HUGHES.

S.E. 1/4 of the NW. 1/4 AND Lot #3
MARGARET HUGHES



Sta. 1928+50⁰⁰ Req'd. 24"x50' C.M.P. + Culv. & inlet & outlet ditches.

Sta. 1935+25⁰⁰ Req'd. 36"x56' C.M.P. + Culv. Skew. 80° Lt. & inlet ditch.

Sta. 1952+20⁰⁰ Req'd. 24"x62' C.M.P. + Culv.

Sta. 1943+78⁰⁰ Req'd. 24"x56' C.M.P. + Culv. & inlet & outlet ditches.

Sta. 1951+50 To 1954+00⁰⁰ Req'd. 250' wire cable guard fence Lt.

Sta. 1952+00 To 1953+00⁰⁰ Req'd. 3 timber guard posts. Rt.

Sta. 1947+00⁰⁰ Req'd. 24"x58' C.M.P. + Culv. & inlet & outlet ditches.

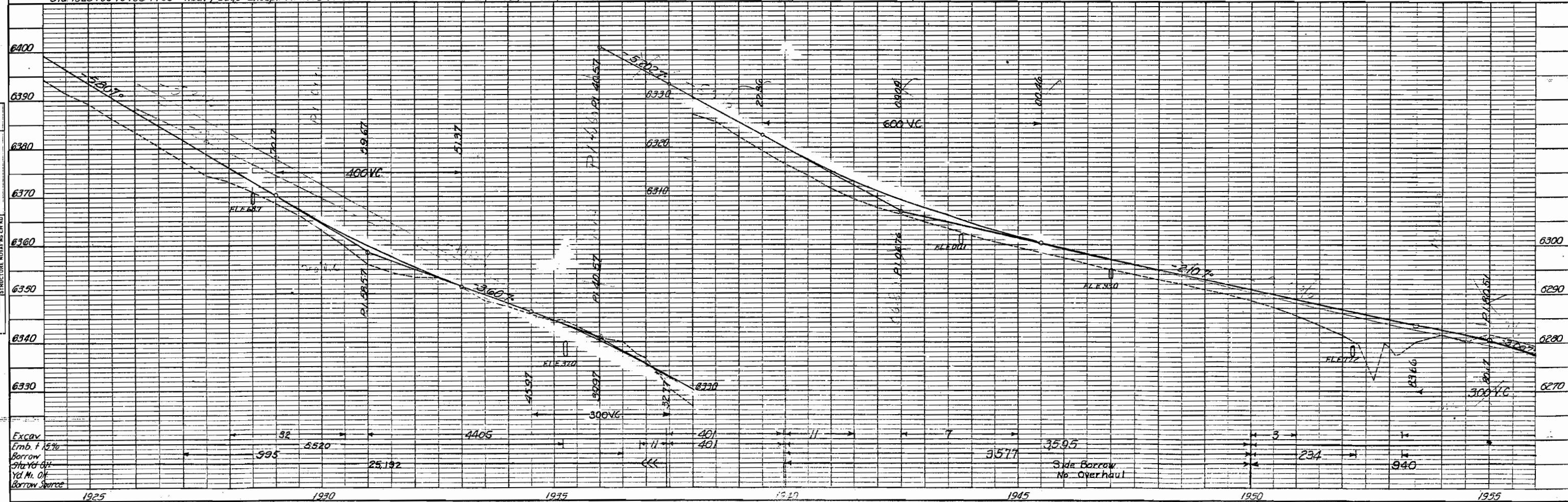
Sta. 1933+90⁰⁰ Req'd. Road appr. & B.W. Gate Rt. 30 cu. yds. Uncl. Exc. 30 cu. yds. Uncl. Exc.

Sta. 1934+95 To 1935+35⁰⁰ Req'd. 40' wire cable guard fence Lt.

Sta. 1947+25⁰⁰ Req'd. Road appr. Lt. 5 cu. yds. Emb.

S.W. 1/4 of the N.E. 1/4 SEC. 5
MARGARET HUGHES.

Clearing & Grubbing.
Sta. 1925+00 To 1934+00⁰⁰ Heavy Sage Except Pr. Road 1/1 Sta. 1934+00 To 1950+00⁰⁰ Light Sage Except Pr. Road 1/1 Sta. 1950 To 1954+00⁰⁰ Medium Sage & Greasewood Except Pr. Rd.



Excav
Emb. F 15.70
Borrow
Sta. 1925-1934
Yd. M. ON
Borrow Source

Side Borrow
No Overhaul

DATE
BY
SURVEYED
PLOTTER
CHECKED
NOTE BOOK
NO.
PROFILE
DATE
BY
SURVEYED
PLOTTER
CHECKED
NOTE BOOK
NO.

MICROFILMED

FLINE

MARGARET HUGHES
N.E. ¼ SECTION 31

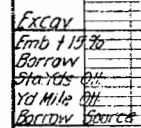


Sta 1996+00⁰⁰ Req'd. 24"x 52" C.M.P. + Culv.
8' inlet ditch.

Sta. 1996+00 to 2005+90 $\approx$ Req'd 100 cu yds
Uncl. Exc. for Intercepting ditch on Rt.

Sta 2005+90⁰⁰ Req'd 24"x54" C.M.P. + Culv.
8 inlet & outlet ditches.

Sta. 2006+25⁰⁰ Reg'd. Road appr. 8' 18" x 20' Side Drain Rt.
5 cu. yds. Uncl. Exc.


$$2\text{Li}^+\text{S}^{2-} + \text{P}_2\text{S}_5 = \text{P}_2\text{S}_6^{2-} \quad \text{and} \quad \text{P}_2\text{S}_6^{2-} + \text{P}_2\text{S}_5 = \text{P}_4\text{S}_{11}^{2-}$$

INDEX OF SHEETS

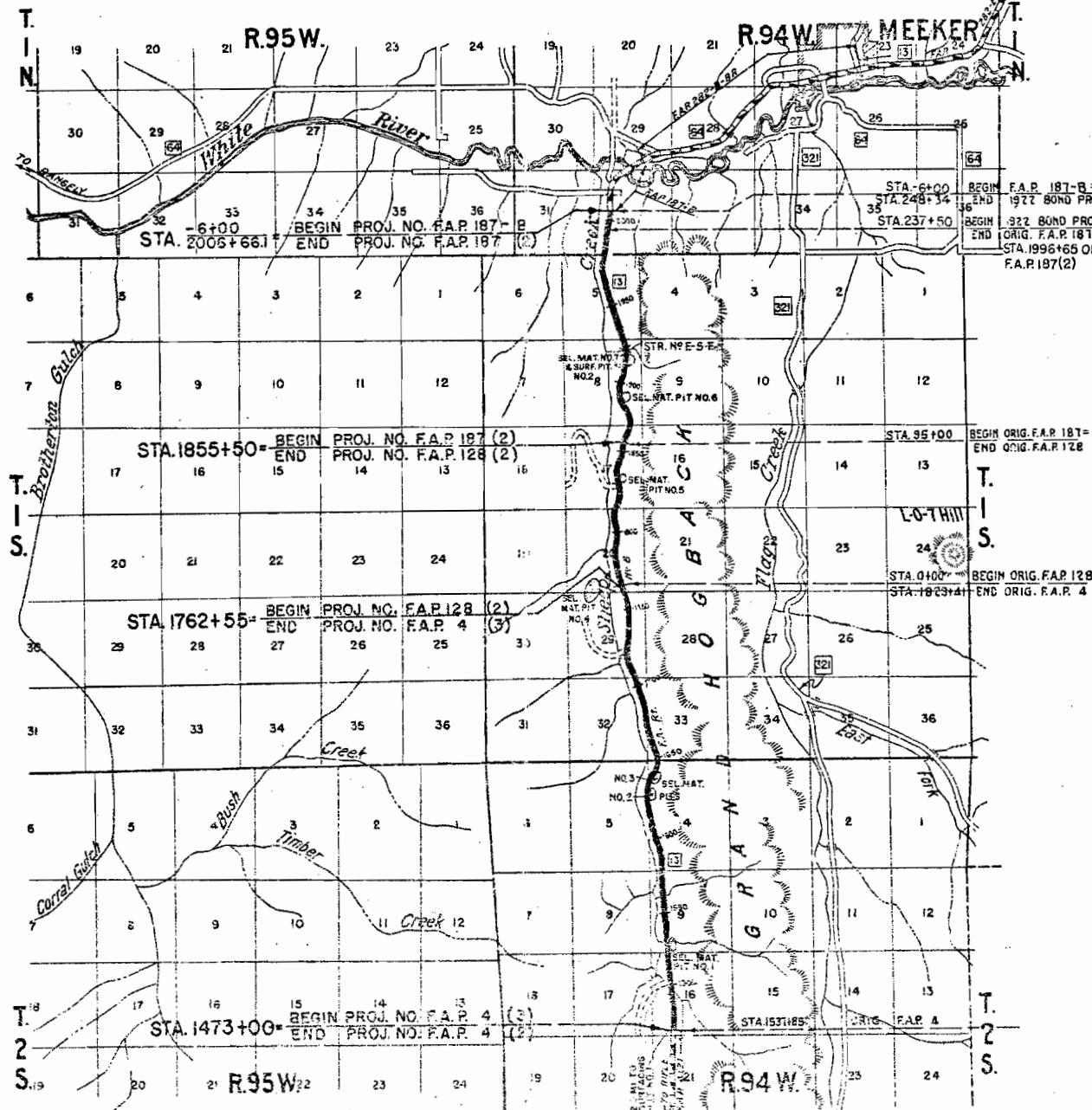
- FED. AID PROJECT NO. 4 (3)
- SHEET NO. 1 SKETCH MAP AND TITLE
 2 TYPICAL SECTION & SUMMARY OF APPROXIMATE QUANTITIES
 3-4 LIST OF STRUCTURES
 6 FENCING REQUIREMENTS & RIGHT OF WAY MARKERS
 8 STANDARD HEADWALLS FOR C.M.P. CULVERTS M-102-F
 9 STANDARD TIMBER GUARD POSTS M-19-B
 10 STANDARD WIRE FENCES (TREATED WOODEN POSTS) M-24-G
 12 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES M-1-B
 13 TYPICAL SIDE APPROACH ROADS, ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B
 14 STANDARD MARKER POSTS M-7-B
 15-24 PLAN & PROFILE
 33-114 & 185 CROSS SECTIONS

- FED. AID PROJECT NO. 128 (2)
- SHEET NO. 1 SKETCH MAP AND TITLE
 2 TYPICAL SECTION & SUMMARY OF APPROXIMATE QUANTITIES
 4 LIST OF STRUCTURES
 6 FENCING REQUIREMENTS & RIGHT OF WAY MARKERS
 8 STANDARD HEADWALLS FOR C.M.P. CULVERTS M-102-F
 9 STANDARD TIMBER GUARD POSTS M-19-B
 10 STANDARD WIRE FENCES (TREATED WOODEN POSTS) M-24-G
 12 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES M-1-B
 13 TYPICAL SIDE APPROACH ROADS, ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B
 14 STANDARD MARKER POSTS M-7-B
 24-27 PLAN & PROFILE
 115-142 & 185 CROSS SECTIONS

- FED. AID PROJECT NO. 187 (2)
- SHEET NO. 1 SKETCH MAP AND TITLE
 2 TYPICAL SECTION & SUMMARY OF APPROXIMATE QUANTITIES
 5 LIST OF STRUCTURES
 6 FENCING REQUIREMENTS & RIGHT OF WAY MARKERS
 7 DETAILS OF BRIDGE STA. 1921+
 8 STANDARD HEADWALLS FOR C.M.P. CULVERTS M-102-F
 9 STANDARD TIMBER GUARD POSTS M-19-B
 10 STANDARD WIRE FENCES (TREATED WOODEN POSTS) M-24-G
 11 STANDARD STRUCTURE NUMBER LETTERING M-10-A
 12 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES M-1-B
 13 TYPICAL SIDE APPROACH ROADS, ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B
 14 STANDARD MARKER POSTS M-7-B
 27-32 PLAN & PROFILE
 142-185 CROSS SECTIONS

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED COMB. FEDERAL AID PROJECT NOS. { 4 (3) 128 (2) 187 (2) STATE HIGHWAY NO. 13 RIO BLANCO 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
 FED. AID PROJECT NO. 4(3) 128(2) 187(2)
 GROSS LENGTH OF PROJECT 28,959.8 FT. = 5.484 MI. 9,295.0 FT. = 1.760 MI. 15,116.1 FT. = 2.862 MI.
 NET LENGTH OF PROJECT 28,959.8 FT. = 5.484 MI. 9,295.0 FT. = 1.760 MI. 15,116.1 FT. = 2.862 MI.



CONVENTIONAL SIGNS

CENTER LINE OF SURVEY 1500
 RIGHT OF WAY LINES
 TOWNSHIP OR RANGE LINES
 SECTION LINES
 ONE-QUARTER SECTION LINES
 BARBED WIRE FENCE
 POLE LINES

NOTE:-
 IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT.
 H.L. JENNNESS, DIVISION ENGINEER, LOCATED AT GLENWOOD SPRINGS.
 N.M. COOMBE, RESIDENT ENGINEER, LOCATED AT MEEKER.

RECOMMENDED FOR APPROVAL

ASSISTANT ENGINEER
 DATE 10-18-40

APPROVED

STATE HIGHWAY ENGINEER
 DATE

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

CHIEF, WESTERN DIVISION
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

INDEX OF SHEETS

- SHEET NO. 1 SKETCH MAP AND TITLE PAGE
 " " 2 TYPICAL SECTION AND SUMMARY OF APPROXIMATE QUANTITIES.
 " " 3 STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES M-1-B
 " " 4 TYPICAL SIDE APPROACH ROADS-ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED COMB. FEDERAL AID PROJECT NOS. {4(5), 128(3), 187(3), 187-B(2), & 282-B(2)} STATE HIGHWAY NO. 13 RIO BLANCO 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

FED. ROAD DIST. NO.	STATE	COMB. FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(5), 128(3), 187(3), 187-B(2), & 282-B(2)	1	

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY 1500
 RIGHT OF WAY LINES
 TOWNSHIP OR RANGE LINES
 SECTION LINES
 ONE-QUARTER SECTION LINES
 BARBED WIRE FENCE
 POLE LINES

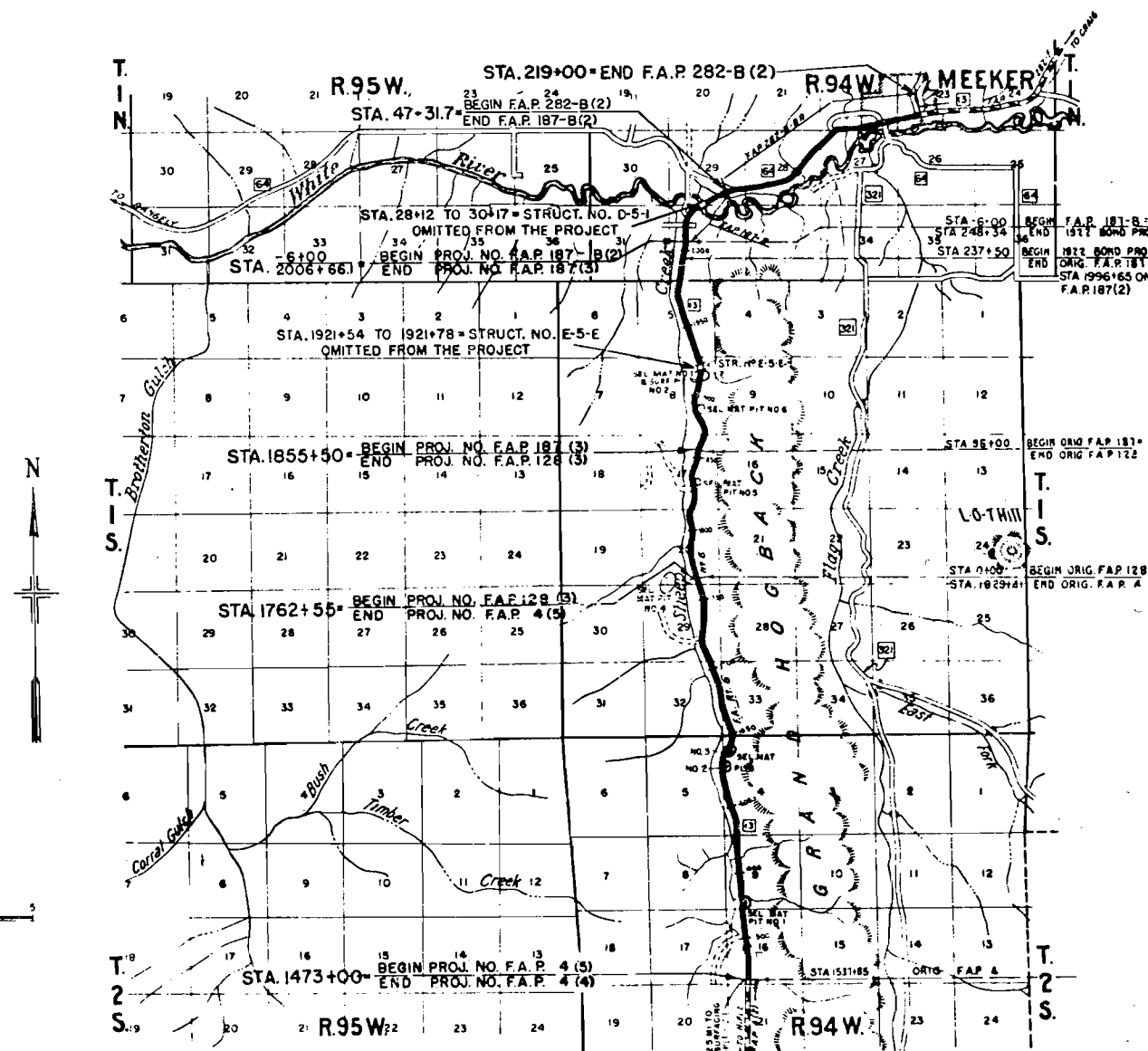
PROJECT LENGTHS

	F.A.P. 4(5)	F.A.P. 128(3)	F.A.P. 187(3)	F.A.P. 187-B(2)	F.A.P. 282-B(2)		
					Outside City	Inside City	TOTAL
GROSS LENGTH FEET	28,959.8	9,295.0	15,116.1	5,331.7	10,774.1	4,705.0	15,479.1
MILES	5.484	1.760	2.862	1.009	2.040	0.891	2.931
NET LENGTH FEET	28,959.8	9,295.0	15,091.9	5,126.7	10,774.1	4,705.0	15,479.1
MILES	5.484	1.760	2.858	0.971	2.040	0.891	2.931

OMISSIONS

F.A.P. 187(3) - Struct. No. E-5-E Sta. 1921+54 to 1921+78 Omitted from the Project.
 F.A.P. 187-B(2) - Struct. No. D-5-1 Sta. 28+12 to 30+17 Omitted from the Project.

NOTE: IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:
 M. L. JENNES, DIVISION ENGINEER, LOCATED AT SLEKWOOD SPRING.
 N. M. COOMBE, RESIDENT ENGINEER, LOCATED AT MEERER.



0 1 2 3 4 5
 SCALE IN MILES

RECOMMENDED FOR APPROVAL

[Signature]
 ASSISTANT ENGINEER DATE 7-29-41

APPROVED

[Signature]
 STATE HIGHWAY ENGINEER DATE

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

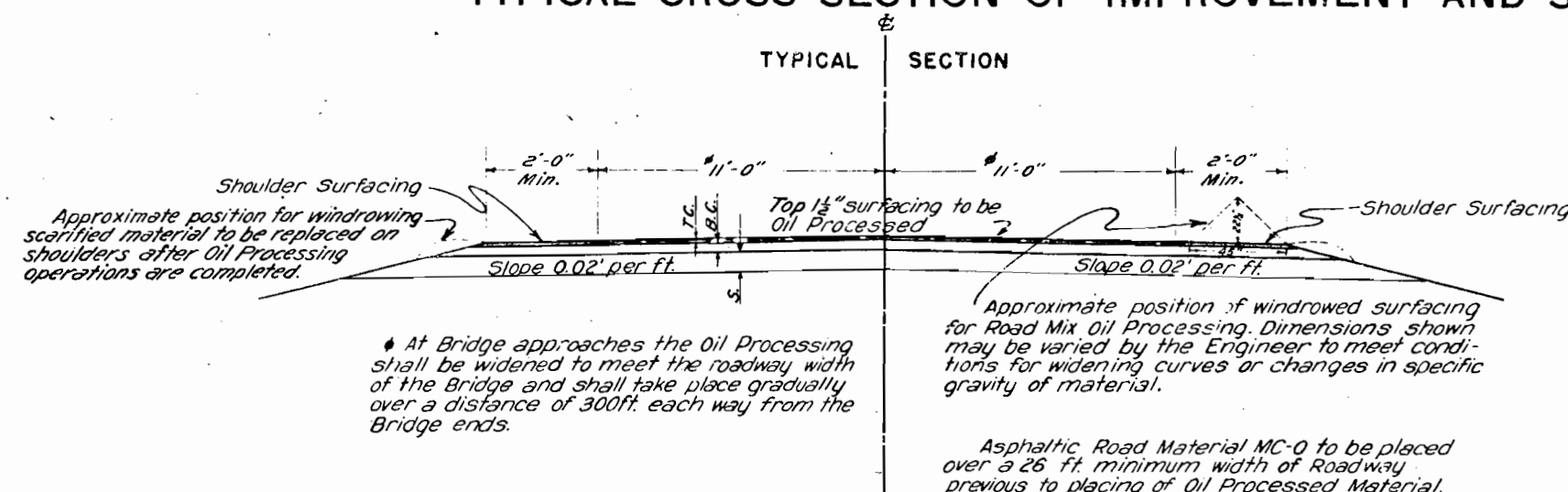
CHIEF WESTERN DIVISION
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

APPROVED

CHIEF WESTERN DIVISION
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

FED. ROAD DIST. NO.	STATE	Combined F.A.P. 4(5), 128(3), 187(3), 187-B(2) & 282-B(2)	SHEET NO.	TOTAL SHEETS
3	COLO.		2	

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES



GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department, adopted on June 1, 1940.

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

All curves are to be super-elevated and widened as provided for by the Standard Superelevation Sheet included with these plans.

All side approach roads to the Project shall be Oil Processed a distance of approximately 20 ft. from the edge of the Highway. Estimated quantities for approach roads are tabulated below:

NO.	ITEM	UNIT	F.A.P. 4(5)	F.A.P. 128(3)	F.A.P. 187(3)	F.A.P. 187-B(2)	F.A.P. 282-B(2)		
							OUTSIDE CITY	INSIDE CITY	TOTAL
13 x	Selected Material	Cu. Yd.				75	96		96
26 a	Gravel or Crushed Rock Surfacing	Ton				50	40	226	266
30 e	Asphaltic Road Material RC-4	U.S. Gal.	303	152	165	147	118	660	778
30 g	" " " MC-0	"	330	165	180	162	129	738	867
30 p	" " " SC-3	"	1,356	678	740	656	527	2,357	3,484
31 x	Road Mix Oil Processing	Sq. Yd.	1,210	605	660	585	470	2,640	3,110
32 b	Stone Screenings	Ton	16	8	9	8	6	33	39
101	Scarify, Windrow, & Compact Surfacing.	Sq. Yd.	1,100	550	600				

SURFACING AND SELECT MATERIAL PLAN

STA. to STA.	T.C.	B.C.	S.	TOP COURSE SURFACING		BOTTOM COURSE SURFACING		SELECT MATERIAL		REMARKS
				Per Sta.	Total	Per Sta.	Total	Per Sta.	Total	
1473+00 to 2006+66.1										F.A.P. 4(5), 128(3) & 187(3) no new Surf. Regd.-Scarify, Windrow, Oil Process, & Compact 1 1/2" Pres. Surf.
-6+00 to 5+00	1 1/2	2 1/2		21	232	35	388			F.A.P. 187-B(2)
5+00 to 24+00	1 1/2	2 1/2	8	21	401	35	669	90	1710	
24+00 to 47+31.7	2			28	595					
47+31.7 to 54+00	2			28	190					F.A.P. 282-B(2) - Outside City
54+00 to 64+00 (Equal)	1 1/2	2 1/2		21	210	35	350			
64+00 to 80+89.2	1 1/2	2 1/2	5	21	214	35	356	55	560	
80+89.2 to 91+00	2			28	340					F.A.P. 282-B(2) - Inside City
91+00 to 103+00	2			28	340					
103+00 to 171+95	1 1/2	2 1/2		21	1450	35	2415			
171+95 to 219+00	1 1/2	2 1/2		21	988	35	1647			

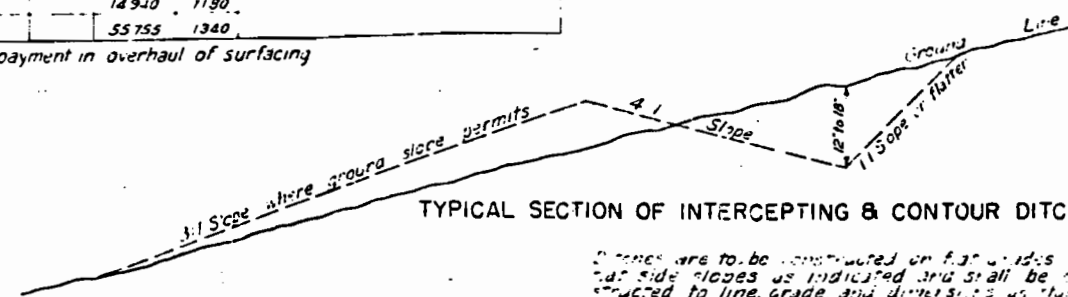
SUMMARY OF APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	UNIT	F.A.P. 4(5)	F.A.P. 128(3)	F.A.P. 187(3)	F.A.P. 187-B(2)	F.A.P. 282-B(2)		
							OUTSIDE CITY	INSIDE CITY	TOTAL
13 x	Selected Material	Cu. Yd.				1800	700		700
26 a	Gravel or Crushed Rock Surfacing	Ton				2400	5600	2900	8500
30 e	Asphaltic Road Material RC-4	U.S. Gal.	18,100	5900	9,500	3400	6800	3600	10,400
30 g	" " " MC-0	"	25,500	8,300	13,400	4700	9,500	4,900	14,400
30 p	" " " SC-3	"	80,700	26,200	42,400	15,000	30,100	15,900	46,000
31 x	Road Mix Oil Processing	Sq. Yd.	72,100	23,400	37,900	13,400	26,900	14,200	41,100
31 c	Rolling Surfacing	Hr.	170	60	90	35	65	35	100
31 d	Furnishing Rubber Tired Roller	Lump Sum							
32 b	Stone Screenings	Ton	905	295	475	170	340	180	520
101	Scarify, Windrow, & Compact Surfacing	Sq. Yd.	84,800	27,500	44,500				

RIGHT OF WAY MARKERS

MAIL BOXES	
1634-20	9
1716-65	9
721-6	1
561-10	1
53-20	1
63-20	1
721-6-45	6
1729-20	1

• included for payment in overhaul of surfacing



TYPICAL SECTION OF INTERCEPTING & CONTOUR DITCHES

Drains are to be constructed on flat grades with flat side slopes as indicated and shall be constructed to line, grade, and dimensions as stated by the Engineer.

FAP (3)			FAP (2)			TOTAL FAP (5)		
DATE	TIME	LOC	DATE	TIME	LOC	DATE	TIME	LOC
1471+00	L & R	2	1770+00	L & R	2	1471+00	L & R	2
1474+00	L & R	2	1771+00	L & R	2	1474+00	L & R	2
1476+00	L & R	2	1793+64	L	1	1476+00	L	1
149+00	L & R	2	1793+12	R	1	149+00	R	1
1496+40	L	1	1815+81	L	1	1496+40	L	1
1496+52	L	1	1816+40	R	1	1496+52	R	1
1533+00	L	1	1830+00	R	1	1533+00	R	1
1549+00	L & R	2	1831+00	R	1	1549+00	R	1
1540+00	R	1	1836+00	R	1	1540+00	R	1
1500+50	L	1	1837+00.6	R	1	1500+50	R	1
1502+50	L	1	1843+97	R	1	1502+50	R	1
1504+00	L	1	1848+00	L	1	1504+00	L	1
1520+00	L & R	2	1849+00	L	1	1520+00	L	1
1521+00	L & R	2				1521+00	L & R	2
1521+37	R	1				1521+37	R	1
1521+08	L	1	1843+60	L	1	1521+08	L	1
1523+00	R	1				1523+00	R	1
1530+00	R	1				1530+00	R	1
1539+00	L	1				1539+00	L	1
1539+00	L	1				1539+00	L	1
1551+00	L	1				1551+00	L	1
1552+00	L	1				1552+00	L	1
1574+94	R	1				1574+94	R	1
1576+00	L	1				1576+00	L	1
1585+12.5	L	1				1585+12.5	L	1
1587+00	R	1				1587+00	R	1
1603+30	L	1				1603+30	L	1
1604+00	L	1				1604+00	L	1
1622+00	L & R	2				1622+00	L & R	2
1623+18.6	L & R	2				1623+18.6	L & R	2
1632+63	L	1				1632+63	L	1
1633+30.3	L	1				1633+30.3	L	1
1635+00	L	1				1635+00	L	1
1648+33	L	1				1648+33	L	1
1648+47	R	1				1648+47	R	1
1652+60.3	R	1				1652+60.3	R	1
1654+00	R	1				1654+00	R	1
1677+03	R	1				1677+03	R	1
1677+38	L	1				1677+38	L	1
1681+04	R	1				1681+04	R	1
1686+00	L	1				1686+00	L	1
1687+29.2	L	1				1687+29.2	L	1
1693+14.2	L	1				1693+14.2	L	1
1694+50	L	1				1694+50	L	1
1706+09	R	1				1706+09	R	1
1706+48	L	1				1706+48	L	1
1714+50	L	1				1714+50	L	1
1715+45.9	L	1				1715+45.9	L	1
1721+00	L	1				1721+00	L	1
1730+00	L	1				1730+00	L	1
1733+89	L	1				1733+89	L	1
1733+94	R	1				1733+94	R	1
1755+00	L & R	2				1755+00	L & R	2
1756+00	L & R	2				1756+00	L & R	2
1760+24	L	1				1760+24	L	1
1760+67	L	1				1760+67	L	1
1621+25	L	1				1621+25	L	1
1678+13	L	1				1678+13	L	1
TOTAL FAP (3)			69			TOTAL FAP (5)		
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TOTAL FAP (3)			69			TOTAL FAP (5)		
TOTAL FAP (3)			69			TOTAL FAP (5		

S.W. 1/4 S.W. 1/4
SECTION 16
T. 25. R. 94 W.

Sta. 1475+00 to 1480+00 Reg'd.
110 cu. yds. unclass. ditch excav.
for intercepting ditches left.

Δ 4° 54' L
D 1° 00'
T 245.2'
L 490.0'
R 5730.0'

Sta. 1430+00 Reg'd.
24'x66' C.M.P. cross culvert &
25 cu. yd. unclass. ditch excav.
for inlet.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (C3)	15	

Rev. 10-29-40-3.B.L.-(6a. of C.M.P.)
Rev. G.L. 11-15-40-Added Via Sec. Line and Sec. Nomenclature.

Sta. 1480+00 to 1485+10 Reg'd.
80 cu. yd. unclass. ditch excav. for
intercepting ditches left.

N.W. 1/4 S.W. 1/4
SECTION 16
T. 25. R. 94 W.

Sta. 1485+10 to 1491+50 Reg'd.
100 cu. yd. unclass. ditch excav. for
intercepting ditches left.

Sta. 1485+65 Reg'd.
24'x82' C.M.P. cross culvert (50° skew)
815 cu. yd. unclass. ditch excav. for
inlet. Remove 12'x36' C.M.P. cross
culvert.

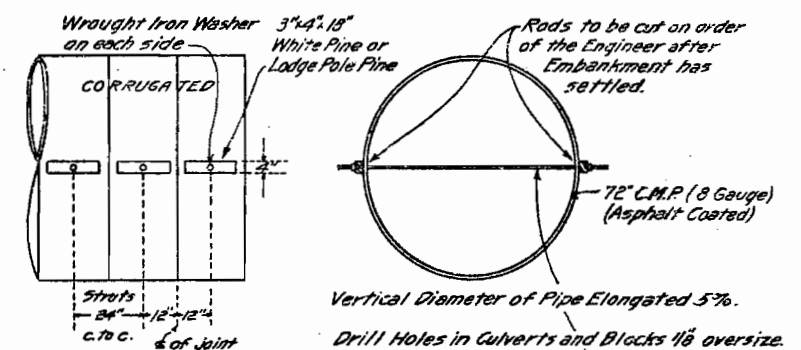
Sta. 1478+05
Remove 12'x34' C.M.P. cross
culvert right.

Sta. 1479+75 Reg'd.
50 cu. yd. embank. for
road approach right.

NOTE-
All poles encroaching on construction
are to be moved by owners.
Gates, Fencing Requirements, Right of Way
Markers, and Removing and Resetting Mail
Boxes are tabulated on Sheet No. 6.
Guard Post Requirements are tabulated on
Sheet No. 3.
The estimated overhaul on all embankment material
specified to be of rock, is shown in cross section sum-
maries.

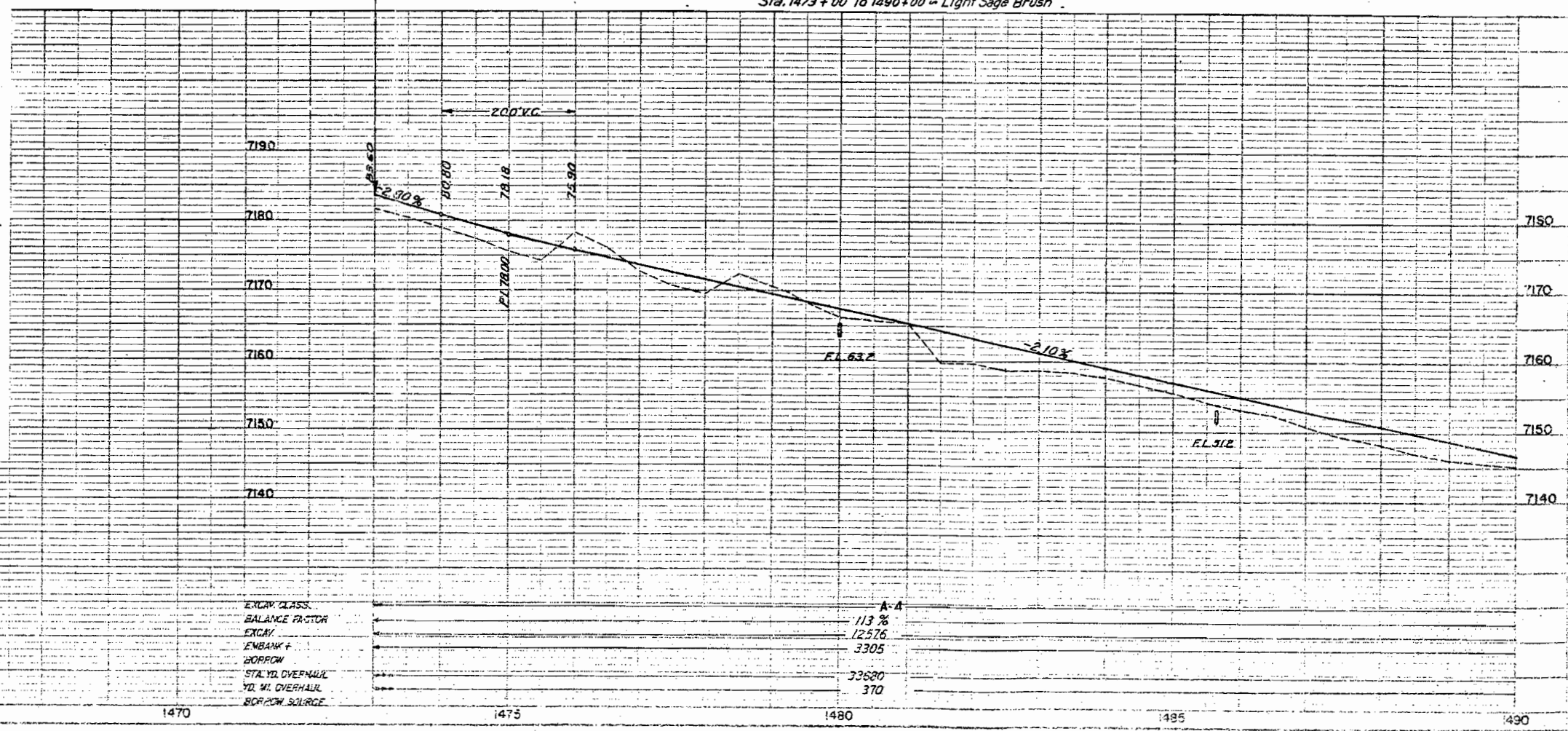
Sta. 1474+ to 1751+
Move telephone lines encroaching on Construction
R.O.W. for Original F.A.P. 4 is 60 ft wide, being 30 ft each
side of center line. Poles located on present R.O.W. to
be moved at Telephone Co. expense. Poles located on
private R.O.W. to be moved Force Account (Work by
Mountain States Tel & Tel. Co. forces.)

DETAILS OF SHOP STRUTTING FOR C.M.P. CULVERT AT STA. 1499+70



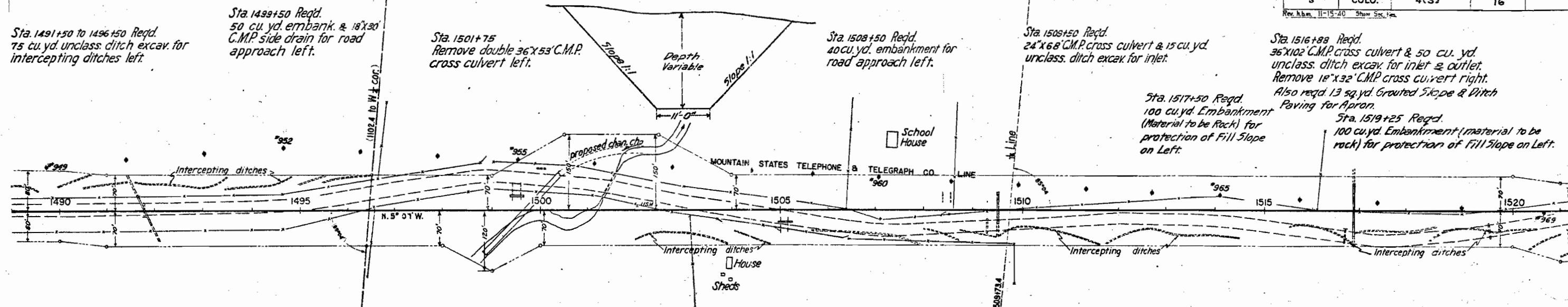
Strutting of C.M.P. Culverts as shown on page 25A of the Standard Specifications will not be used on the 72" Asphalt Coated C.M.P. Culvert at Sta. 1499+70. In order to protect the asphalt coating of this culvert, it shall be Shop Struttied as shown in the sketch above, or by other suitable methods to be approved by the Denver Office of the Department.

CLEARING & GRUBBING
Sta. 1473+00 to 1490+00 - Light Sage Brush



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(3)	16	

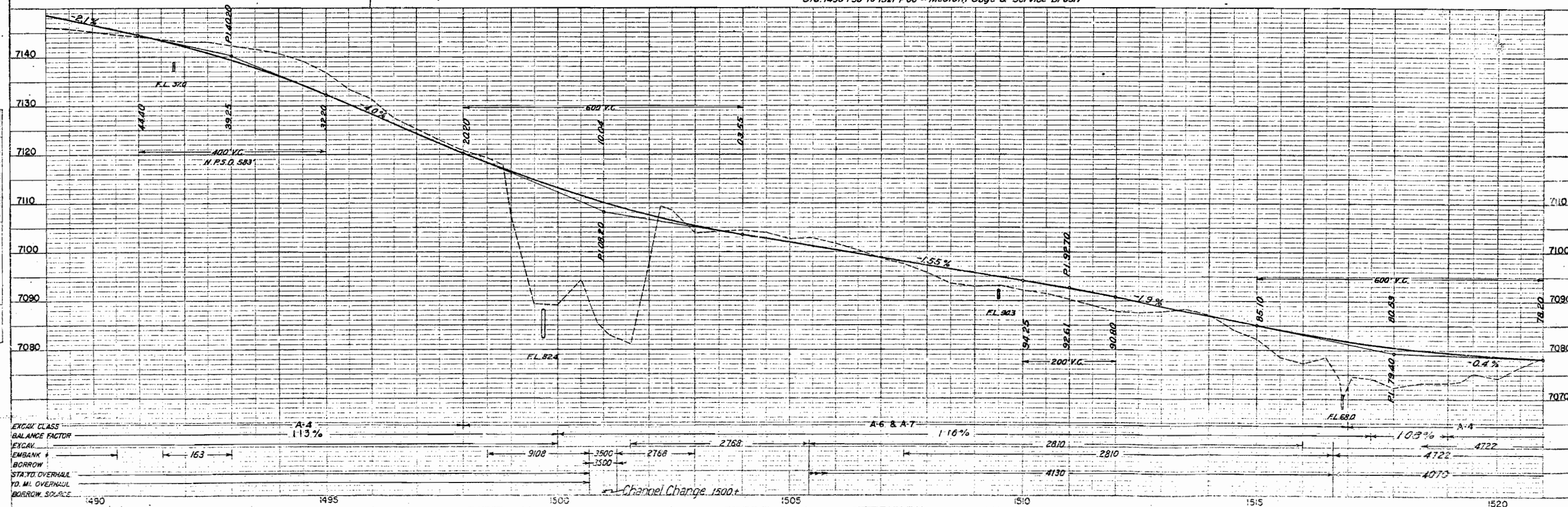
Rev. 11-15-40 Show Sec. 16



NW 1/4 S.W. 1/4 SEC. 16
T. 2 S. R. 94 W.

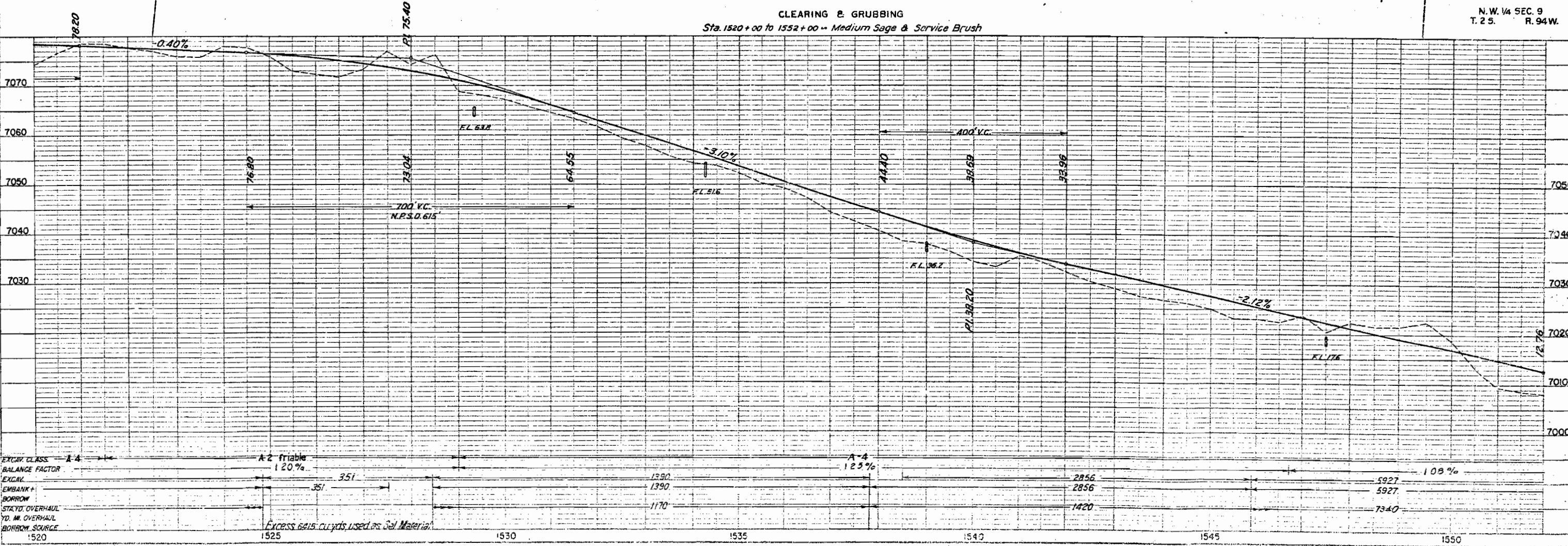
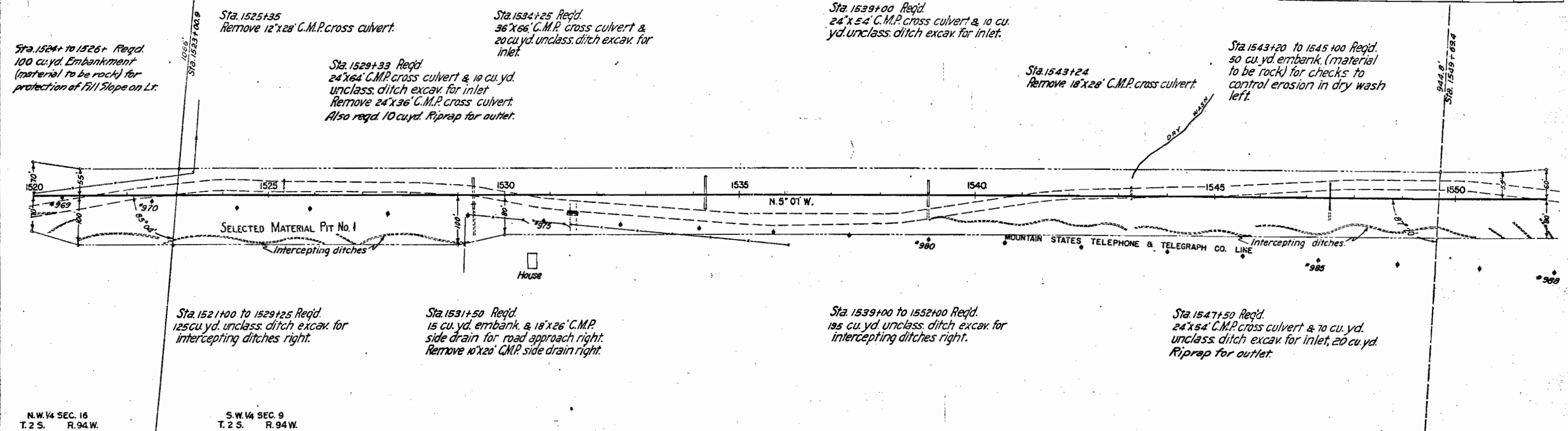
CLEARING & GRUBBING
Sta. 1489+00 to 1496+58 - Light Sage Brush
Sta. 1496+58 to 1521+00 - Medium Sage & Service Brush

N.W. 1/4 SEC. 16
T. 2 S. R. 94 W.



EXCAV. CLASS	BALANCE FACTOR	EXCAV.	EMBANK.	BORROW	STA. TO OVERHAUL	YD. M. OVERHAUL	BORROW SOURCE
A-4	113%				1490		
					1495		
					1500		
					1505		
					1510		
					1515		
					1520		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(3)	17	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	18	

S.W. 1/4, S.W. 1/4 SEC. 4
T. 2 S., R. 94 W.

Δ 15° 36' L.
D 2°
T 392.5'
L 780'
R 2665'

Sta. 1575+92.2

PC 1578+32.9

PI 1582+25

Sta. 1569+00 Req'd.
36"x86" C.M.P. cross culvert & 50 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 18"x28" C.M.P. cross culvert right.

Sta. 1569+84 Req'd.
50 cu. yd. Embankment (Material
to be rock) for protection of toe
of Fill Slope on Left.

Sta. 1557+11 Req'd.
36"x94" C.M.P. cross culvert & 50 cu. yd.
unclass. ditch excav. for inlet & 13 sq. yds.
grouted rubble slope and ditch paving for apron.

Sta. 1555+89 Req'd.
24"x94" C.M.P. cross culvert & 5 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 18"x26" C.M.P. cross culvert right.

PI 1554+76.4

PC 1553+13.0

Δ 3° 16' R
D 1° 00'
T 163.4'
L 326.7'
R 5730.0'

PT. 1556+99.7 BACK
1556+34.9 AHEAD

MOUNTAIN STATES TELEPHONE & TELEGRAPH CO. LINE
#995

Sta. 1561+00 to 1566+00 Req'd.
75 cu. yd. unclass. ditch excav. for
intercepting ditches right.

Sta. 1575+25 Req'd.
24"x62" C.M.P. cross culvert & 60 cu. yd.
unclass. ditch excav. for inlet & outlet.

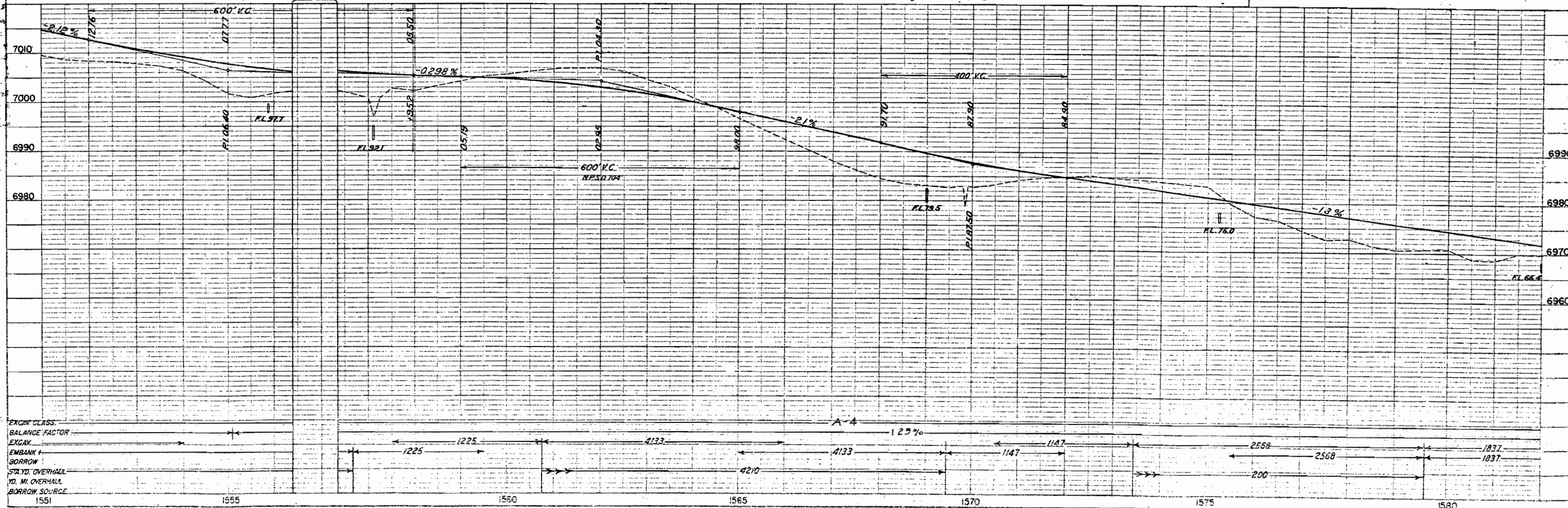
Sta. 1570+50 to 1582+00 Req'd.
175 cu. yd. unclass. ditch excav. for
intercepting ditches right.

Sta. 1552+00 to 1555+50 Req'd.
55 cu. yd. unclass. ditch excav. for
intercepting ditches right.

N.W. 1/4 SEC. 9
T. 2 S. R. 94 W.

CLEARING & GRUBBING
Sta. 1551+00 to 1582+00 - Medium Sage and Service Brush

S.E. 1/4 S.W. 1/4
SECTION 4
T. 2 S. R. 94 W.



PLAN	DATE
NOTES: 1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS AND BRIDGES, AND THE STANDARD SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION, PUBLISHED BY THE FEDERAL BUREAU OF ROAD BUILDING, U.S. DEPARTMENT OF COMMERCE.	

PROFILE	DATE
NOTES: 1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS AND BRIDGES, AND THE STANDARD SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION, PUBLISHED BY THE FEDERAL BUREAU OF ROAD BUILDING, U.S. DEPARTMENT OF COMMERCE.	

EXCAV. CLASS.	BALANCE FACTOR	EXCAV.	EMBANK.	BORROW	STAYD. OVERHALL	YD. M. OVERHALL	BORROW SOURCE
1551							
1555							
1560							
1565							
1570							
1575							
1580							

S.W. 1/4, S.W. 1/4 SEC. 4
T. 2 S., R. 94 W.

N.W. 1/4, S.W. 1/4 SEC. 4
T. 2 S., R. 94 W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 C31	19	

Rev. 6.1. 11-15-40 - Section Ties.

$\Delta 15^\circ 36' L$
 $D 2^\circ$
 $T 392.5'$
 $L 780'$
 $R 2865'$

Sta. 1586+75
Remove 18"x28" C.M.P. cross
culvert left.

Sta. 1592+00 Req'd.
24"x64" C.M.P. cross culvert & 20 cu. yd.
unclass. ditch excav. for inlet.
Remove 15"x24" C.M.P. cross culvert.
Also req'd. 7 sq. yds. grouted rubble slope and
ditch paving for apron.

Sta. 1598+90 Req'd.
24"x60" C.M.P. cross culvert & 10 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 15"x24" C.M.P. cross culvert right.

Sta. 1609+00 Req'd.
24"x58" C.M.P. cross culvert & 10 cu. yd.
unclass. ditch excav. for inlet, & 25 cu. yds.
riprap for outlet.

Sta. 1582+00 Req'd.
24"x76" C.M.P. cross culvert & 20 cu. yd.
unclass. ditch excav. for inlet.

Sta. 1595+50 Req'd.
24"x70" C.M.P. cross culvert & 10 cu. yd.
unclass. ditch excav. for inlet, & 7 sq. yds.
grouted rubble slope and ditch paving for apron.

Sta. 1606+00 to 1612+50 Req'd.
100 cu. yd. unclass. ditch excav. for
intercepting ditches right.

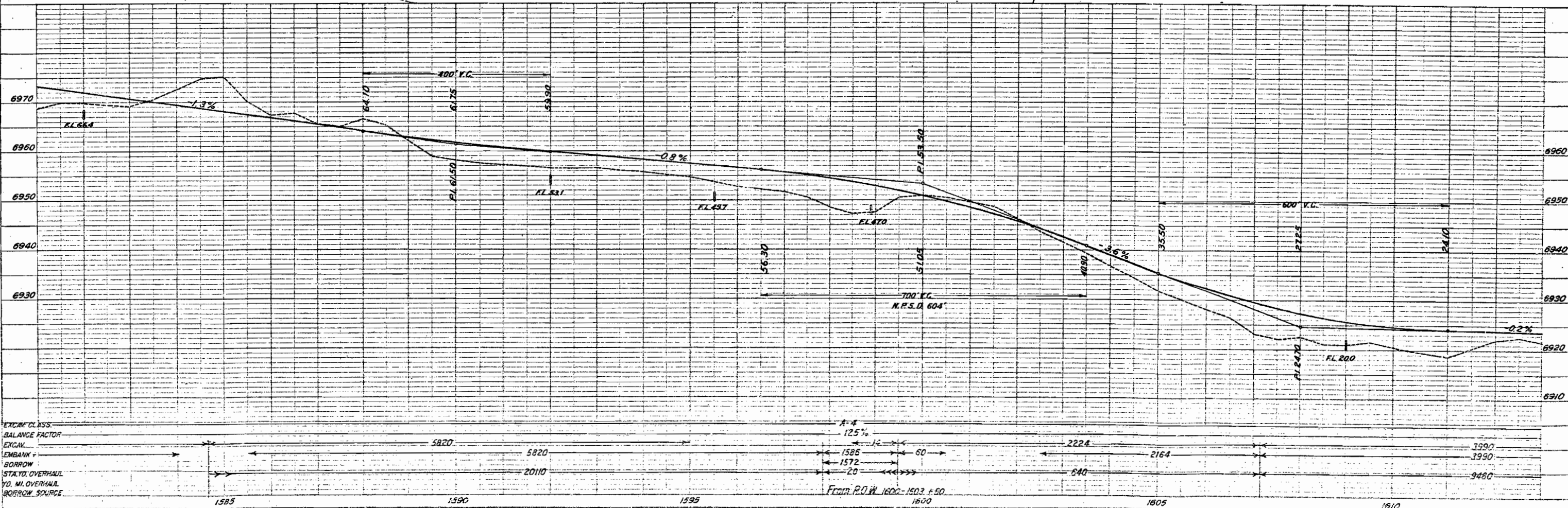
Sta. 1601+00 Req'd.
50 cu. yd. unclass. excav. & 18"x26"
C.M.P. side drain for road approach
right & 25 cu. yd. embank. for road
approach left.

Sta. 1582+00-1598+90 Req'd.
255 cu. yd. Uncl. Ditch Excavation
for Intercepting Ditches on Right.

CLEARING & GRUBBING
Sta. 1581+00 to 1613+00 - Medium Sage & Service Brush

W. 1/2 LOT 8
SECTION 4
T. 2 S., R. 94 W.

S.E. 1/4, S.W. 1/4
SECTION 4
T. 2 S., R. 94 W.



DATE	BY	NO.

DATE	BY	NO.

LOT 6, SEC. 5
T. 2S. R. 94W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4(3)	20	

Rev. h.b.m. 11-15-40 Sec. files.

Sta. 1618+05 Req'd.
36"x60" C.M.P. cross culvert & 100 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 18"x26" C.M.P. cross culvert right.

Sta. 1632+75
Remove 18"x26" C.M.P. cross culvert.

Sta. 1634+50 Req'd.
150 cu. yd. embank. for
road approach left.

Sta. 1640+90 Req'd.
350 cu. yd. embank. for road
approach left.

Sta. 1635+00 Req'd.
24"x52" C.M.P. cross culvert & 20 cu. yd.
unclassified ditch excav. for inlet & outlet.

Sta. 1643+00
Remove 15"x26" C.M.P. cross culvert.

Sta. 1626+15
Remove 18"x22" C.M.P. cross
culvert right.

Sta. 1636+00 Req'd.
475 cu. yd. unclass. excav. for
mine turnout right.

Sta. 1640+00 Req'd.
24"x62" C.M.P. cross culvert & 20 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 18"x24" C.M.P. cross culvert.

Sta. 1617+75 Req'd.
50 cu. yd. unclass. excav. & 18"x28" C.M.P.
side drain for road approach right.

Sta. 1626+50 to 1643+00 Req'd.
250 cu. yd. unclass. ditch excav. for
intercepting ditches right.

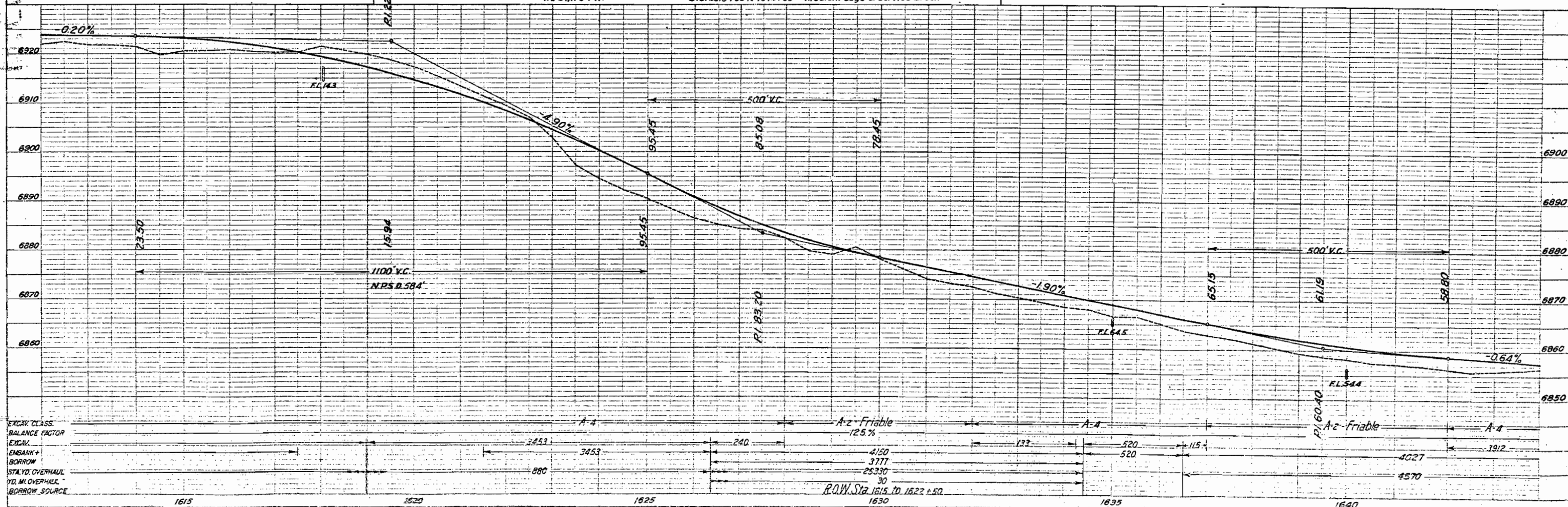
Sta. 1616+00 to 1620+50 Req'd.
70 cu. yd. unclass. ditch excav. for
intercepting ditches right.

W. 1/2 LOT 8, SECTION 4
T. 2S. R. 94W.

W. 1/2 LOT 5, SEC. 4
T. 2S. R. 94W.

CLEARING & GRUBBING
Sta. 1613+00 to 1644+00 - Medium Sage & Service Brush

LOT 4
SECTION 4
T. 2S. R. 94W.

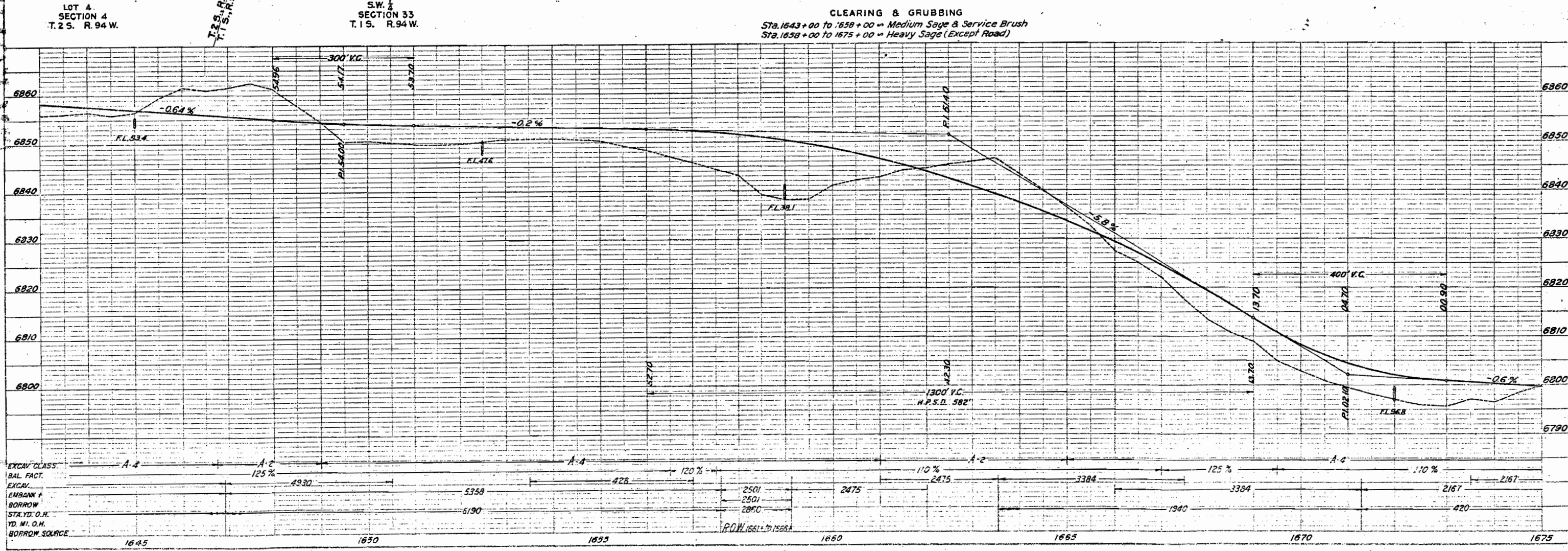
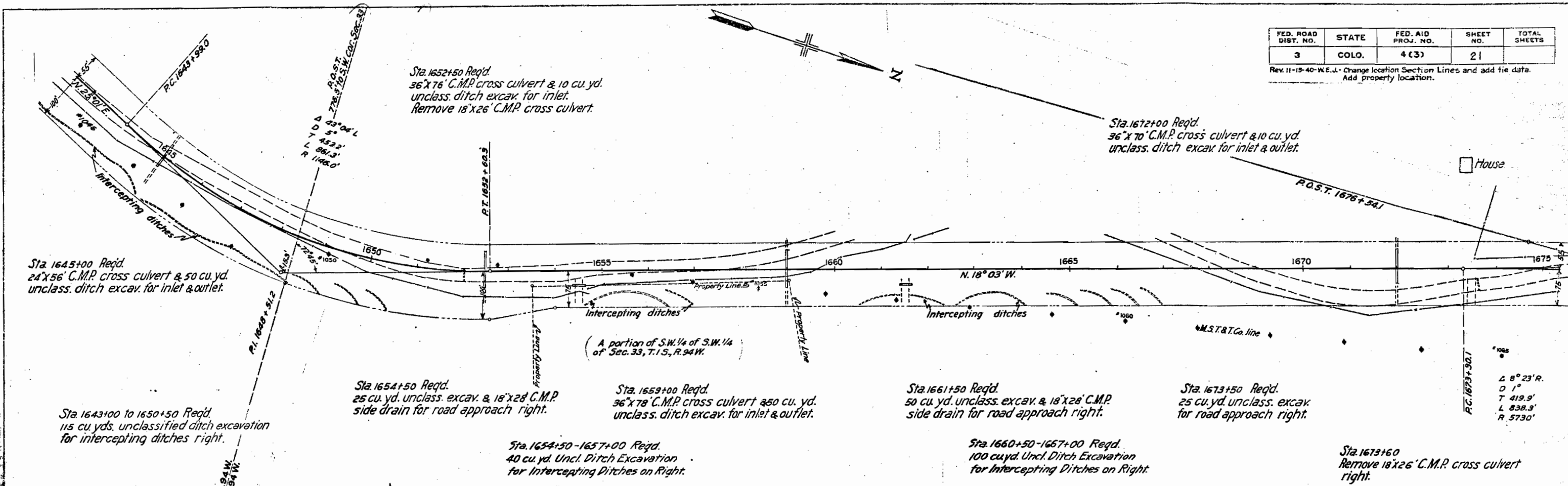


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	21	

Rev. 11-15-40-W.E.J. - Change location Section Lines and add tie data. Add property location.

DATE	BY	CHKD.	DATE	BY	CHKD.

NO.	DATE	BY	CHKD.	DATE	BY	CHKD.



Sta. 1692+00-1692+40 Regd.
100 cu. yd. Embankment (Material
to be rock) for protection to toe
of Fill Slope on Left.

Δ 17° 33' L
 D 3°
 T 294.8'
 L 585.0°
 R 1910°

$\Delta 10^{\circ}48' R$
 $D 2^{\circ}$
 $T 270.9'$
 $L 540.0'$
 $R 2865'$

Sta. 1693+50 Req'd.
150 cu. yd. unclass. excav. & 50 cu. yd.
embank. for road approaches right & left.

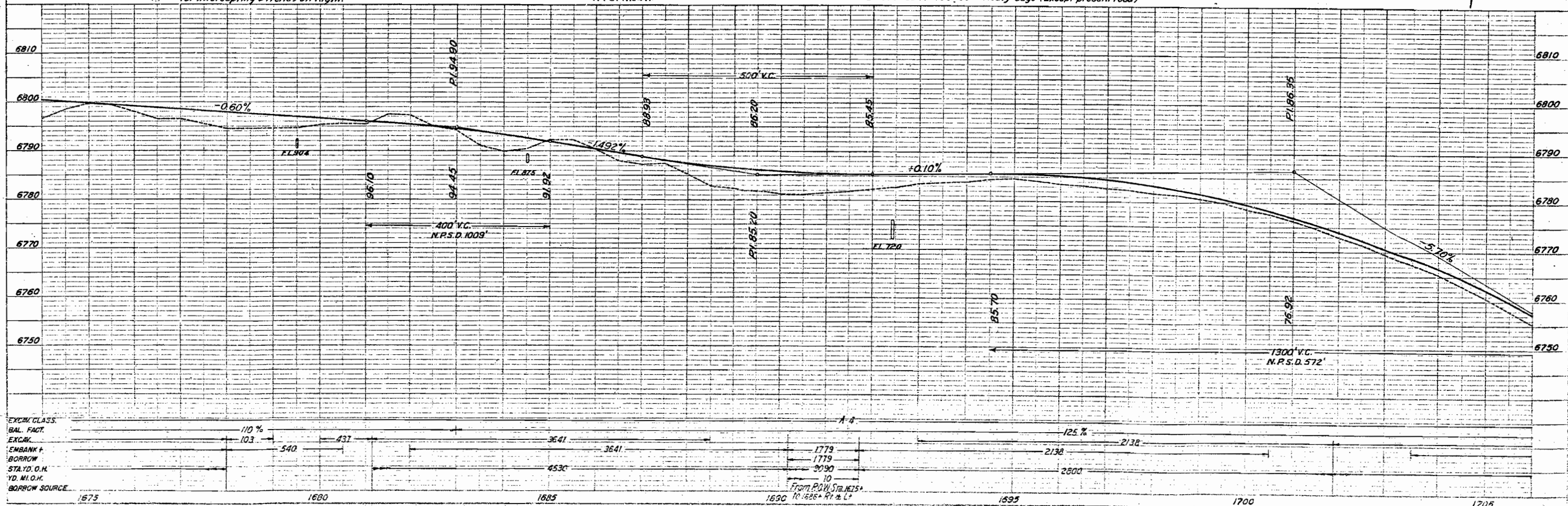
Sta. 1681+00-1688+00 Reg'd.
105 cu. yd. Uncl. Ditch Excavation
for Intercepting Ditches on Right.

Sta. 1692+4.4 Reg'd.
48' x 112' C.M.P. cross culvert (70° skew) & 20
cu. yd. unclass. ditch excav for inlet.
Remove 36' x 26' C.M.P. cross culvert. Also reg'd
22 sq. yds. grouted rubble slope and ditch paving for
apron.

Sta. 1675+00-1679+50 Regd.
70 cu. yd. Uncl. Ditch Excavation
for Intercepting Ditches on Right.

N.W. $\frac{1}{4}$ SEC. 33
T. 1 S. R. 94 W.

CLEARING & GRUBBING
Sta. 1674+00 to 1706+00 - Heavy Sage (Except present road)



NE 1/4 SEC. 32
T.1 S., R. 94 W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3)	23	

Rev. 11-15-40 h.h.m. Sec. name

Sta. 1711+00 Req'd.
24'x68' C.M.P. cross culvert & 10 cu. yd.
unclass. ditch excav. for inlet & outlet.

Sta. 1716+25 Req'd.
100 cu. yd. embank. for road
approaches right & left &
18'x26' C.M.P. side drain right.

Sta. 1725+00 Req'd.
200 cu. yd. embank. for road
approaches right & left.
18'x30' C.M.P. side drain right.

Sta. 1727+50
Remove 15'x26' C.M.P. cross culvert.

Sta. 1736+00
Remove 15'x26' C.M.P. cross culvert.

Sta. 1727+90-1728+10 Req'd.
100 cu. yd. Embankment (material
to be rock) for protection of toe
of fill slope on left.

Δ 17° 21' R
D 2'
T 437.1'
L 867.5'
R 2865'

Sta. 1717+50 to 1722+50 Req'd.
90 cu. yd. unclass. ditch excav. for
intercepting ditches right.

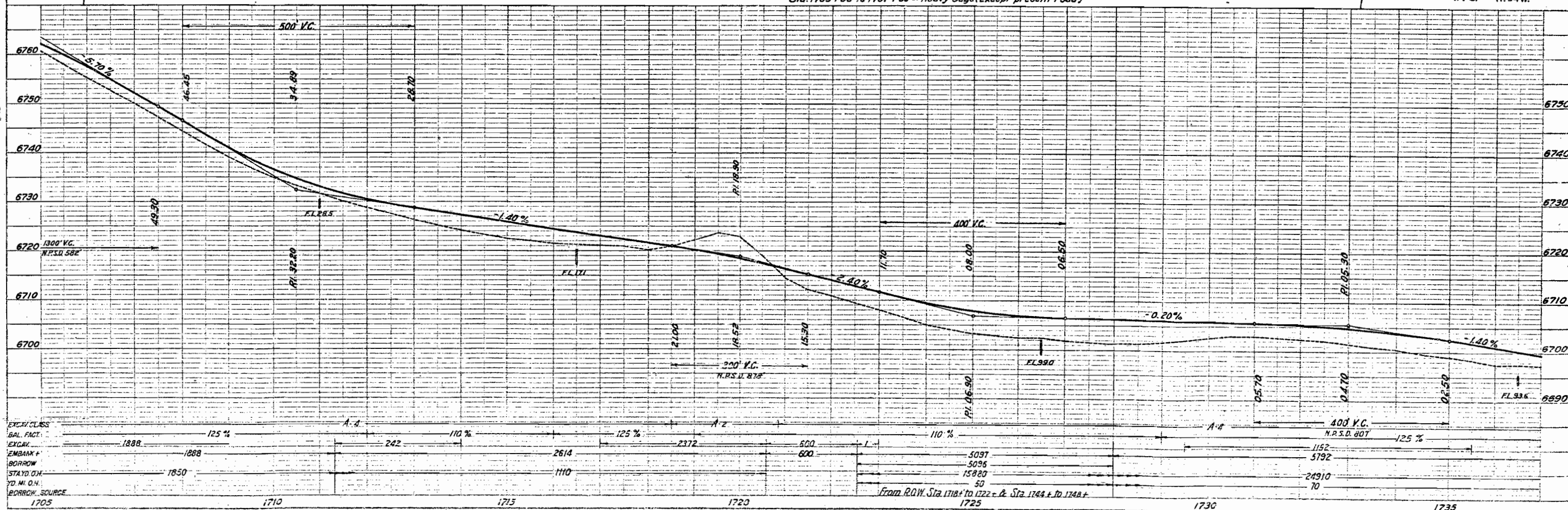
Sta. 1726+50 Req'd.
36'x74' C.M.P. cross culvert & 5 cu. yd.
unclass. ditch excav. for inlet.

Sta. 1729+25 to 1737+00 Req'd.
120 cu. yd. unclass. ditch excav.
for intercepting ditches right.

SE 1/4
SECTION 29
T.1 S. R. 94 W.

E 1/4, N.E. 1/4
SECTION 29
T.1 S. R. 94 W.

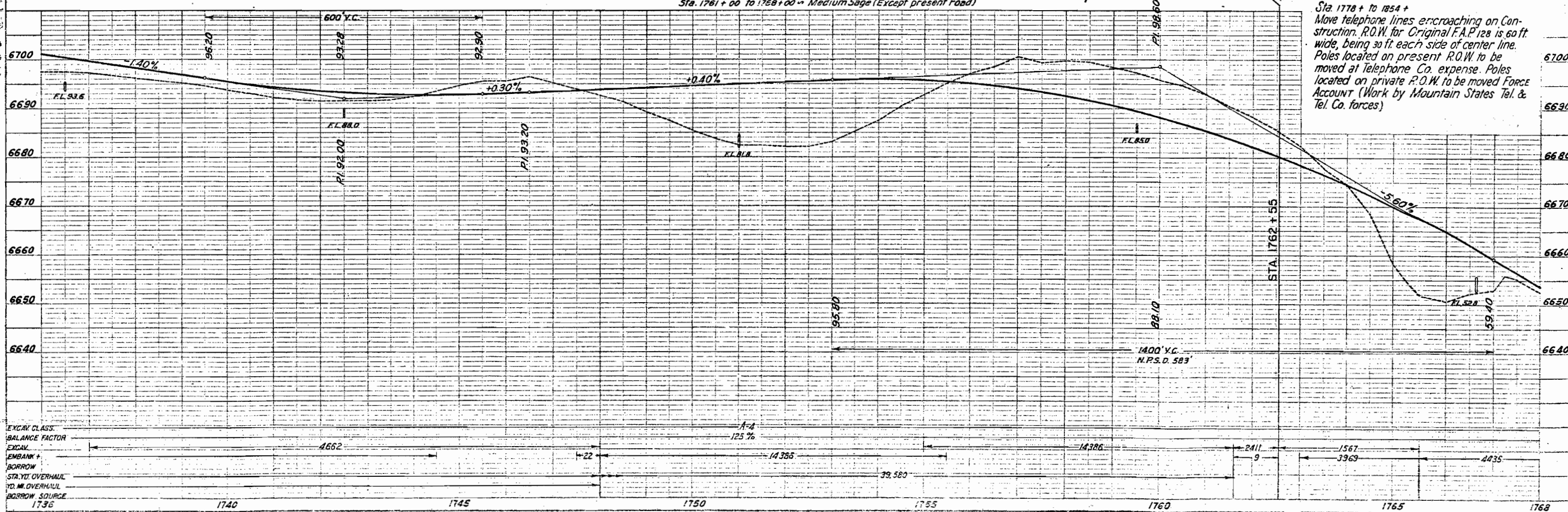
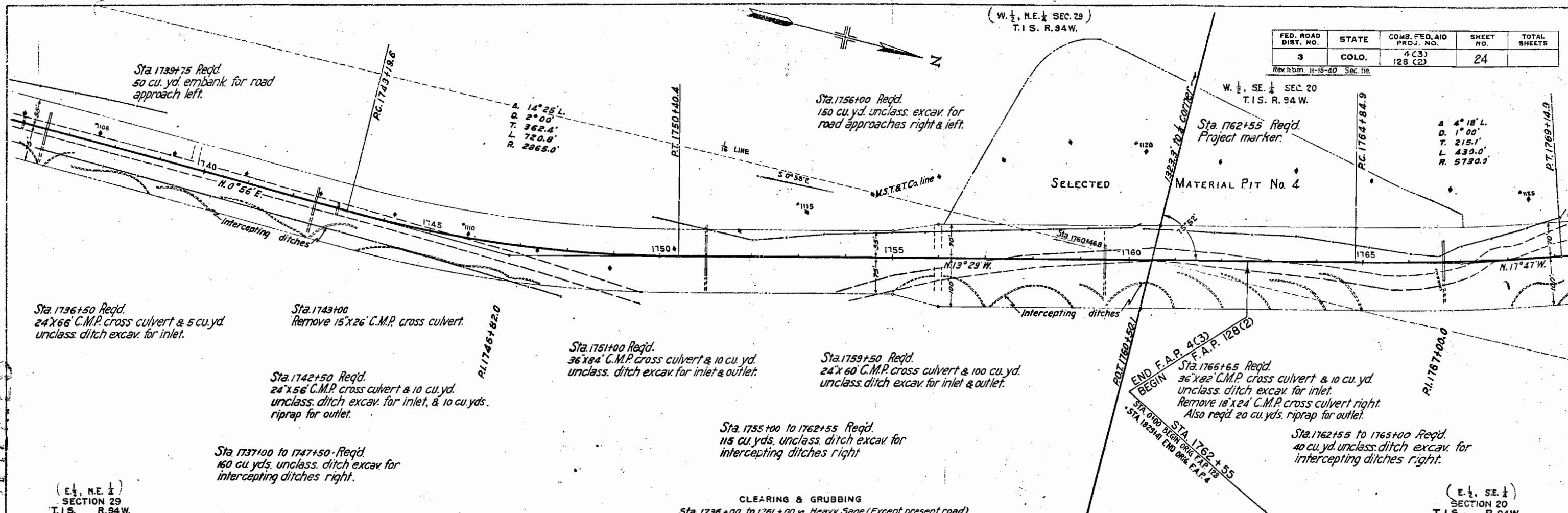
CLEARING & GRUBBING
Sta. 1705+00 to 1737+00 - Heavy Sage (Except present road)



PLAN	DATE	BY	CHKD
DESIGNED			
PLANNED			
NOTED			
NO.			

PROFILE	DATE	BY	CHKD
DESIGNED			
PLANNED			
NOTED			
NO.			

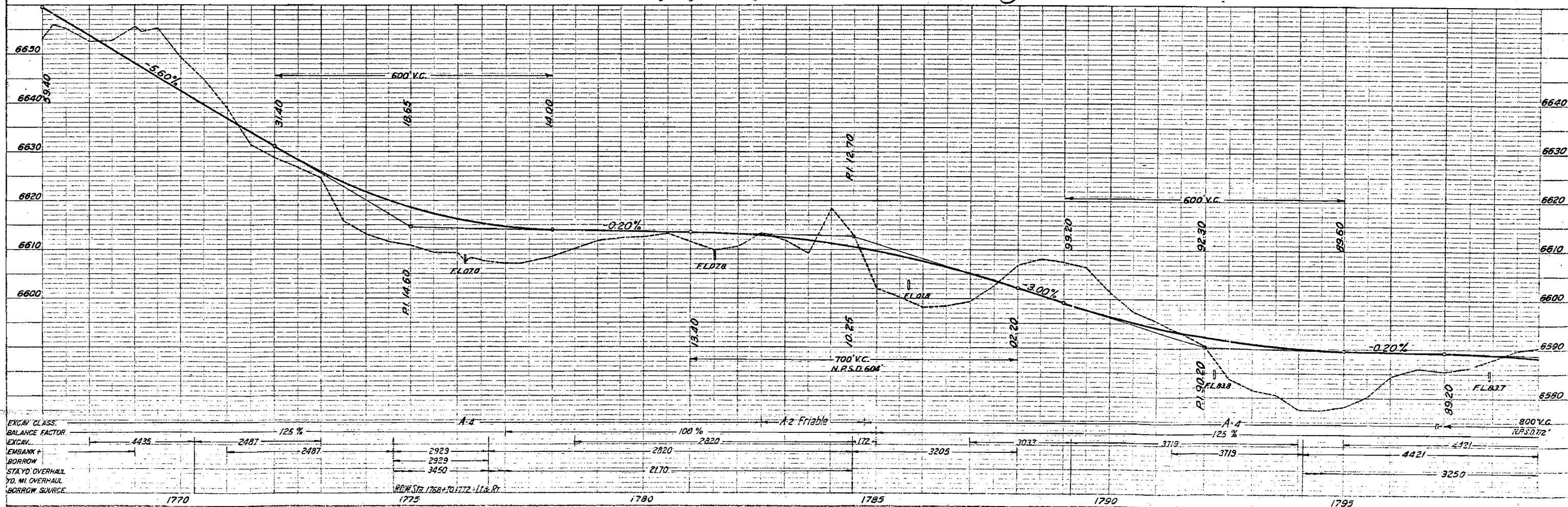
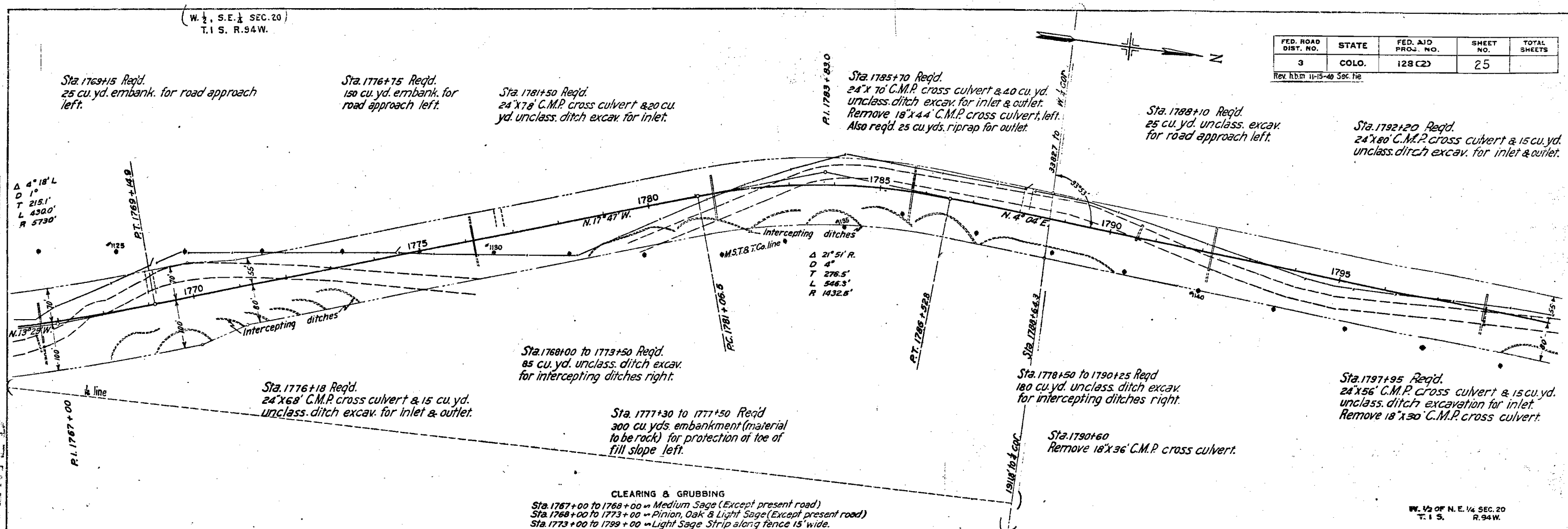
FED. ROAD DIST. NO.	STATE	COMB. FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	4 (3) 128 (2)	24	



FRONT FILE	STRUCTURE NO.	DATE
NOTE BOOK	PLANTED	
NO.	CHANGES CHECKED	
	BY M. H. WARD	
	STRUCTURE NUMBER 155 CIVIL	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	128(2)	25	

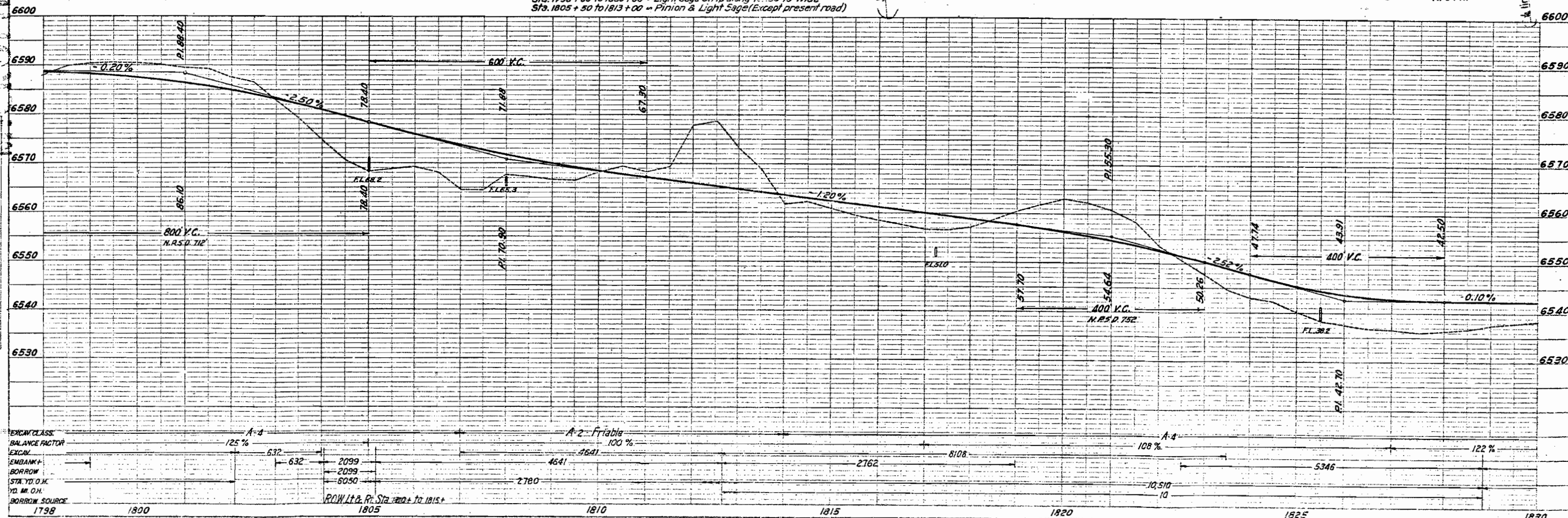
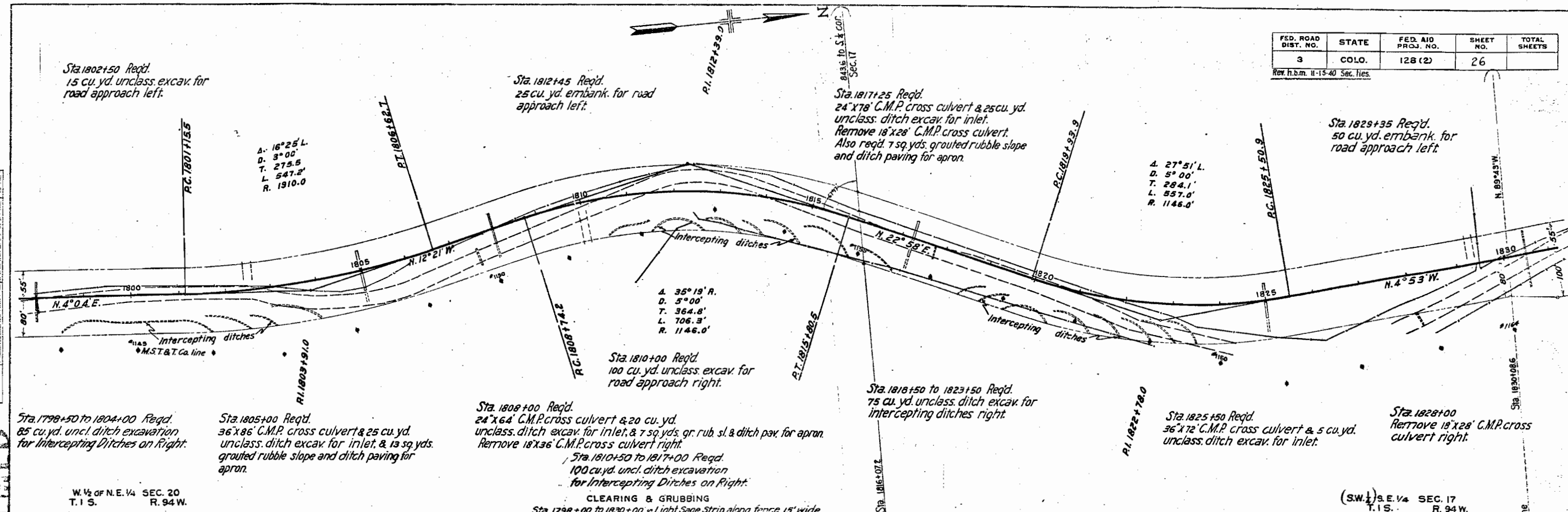
Rev. h.b.m 11-15-40 Sec. 11e



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	128 (2)	26	

Rev. h.b.m. 11-15-40 Sec. lies.

PLAN	DATE
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4
NO. 5	NO. 5
NO. 6	NO. 6
NO. 7	NO. 7
NO. 8	NO. 8
NO. 9	NO. 9
NO. 10	NO. 10
NO. 11	NO. 11
NO. 12	NO. 12
NO. 13	NO. 13
NO. 14	NO. 14
NO. 15	NO. 15
NO. 16	NO. 16
NO. 17	NO. 17
NO. 18	NO. 18
NO. 19	NO. 19
NO. 20	NO. 20
NO. 21	NO. 21
NO. 22	NO. 22
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NO. 25	NO. 25
NO. 26	NO. 26
NO. 27	NO. 27
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NO. 85	NO. 85
NO. 86	NO. 86
NO. 87	NO. 87
NO. 88	NO. 88
NO. 89	NO. 89
NO. 90	NO. 90
NO. 91	NO. 91
NO. 92	NO. 92
NO. 93	NO. 93
NO. 94	NO. 94
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NO. 96	NO. 96
NO. 97	NO. 97
NO. 98	NO. 98
NO. 99	NO. 99
NO. 100	NO. 100



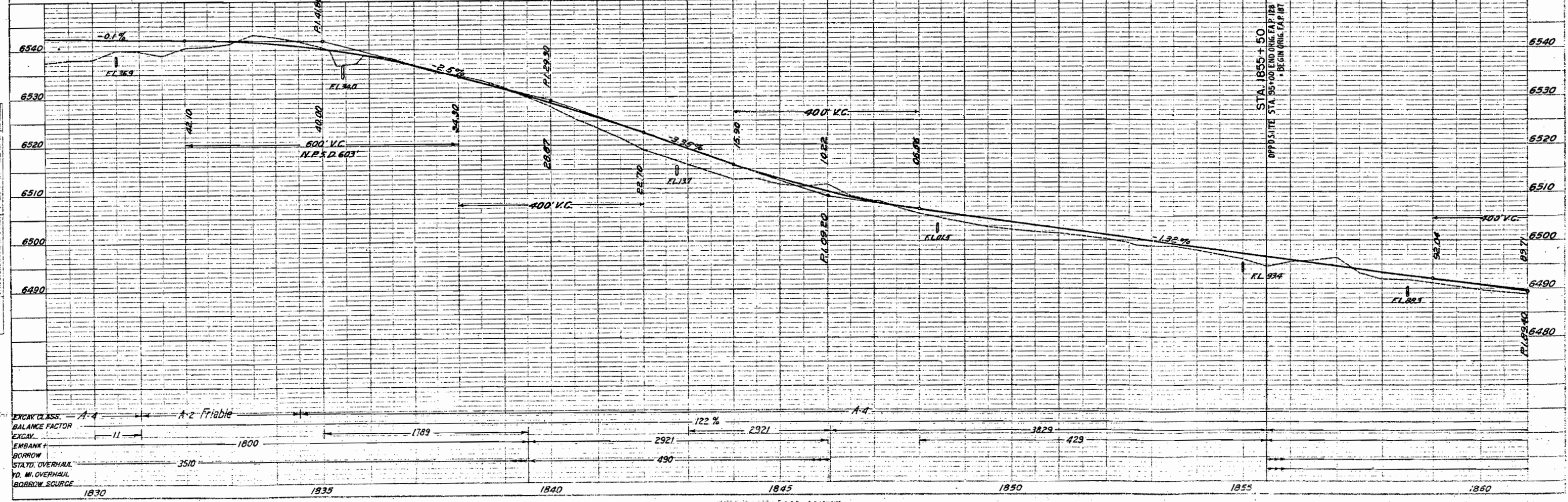
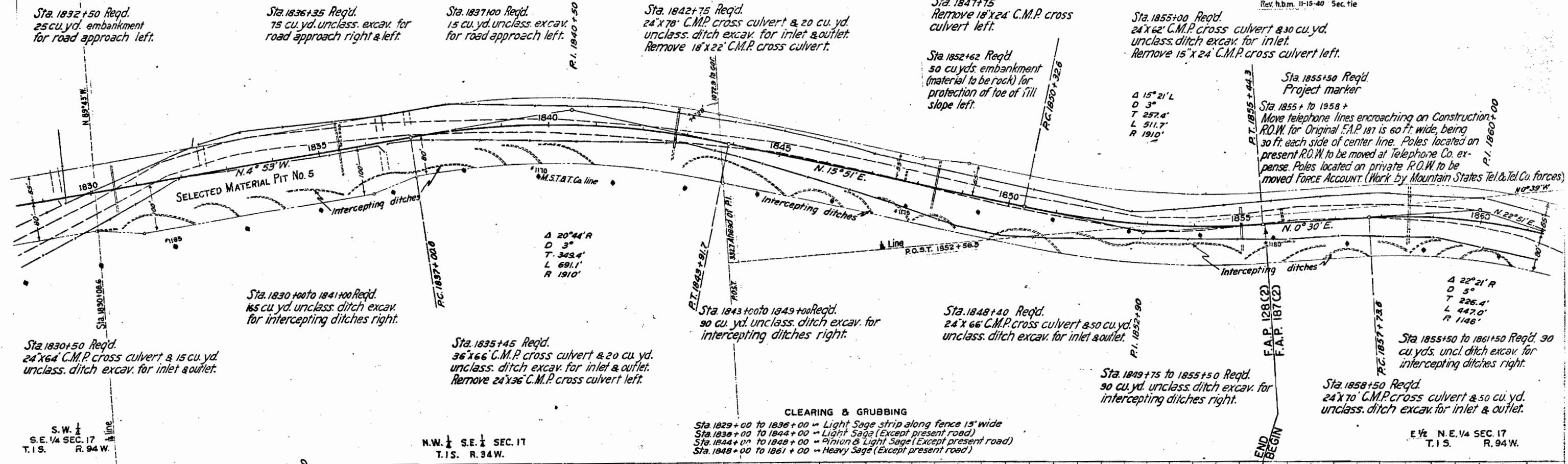
PLAN	DATE	BY	CHKD.
REVISED			
NOTE BOOK			
NO. 1			
NO. 2			
NO. 3			
NO. 4			
NO. 5			
NO. 6			
NO. 7			
NO. 8			
NO. 9			
NO. 10			

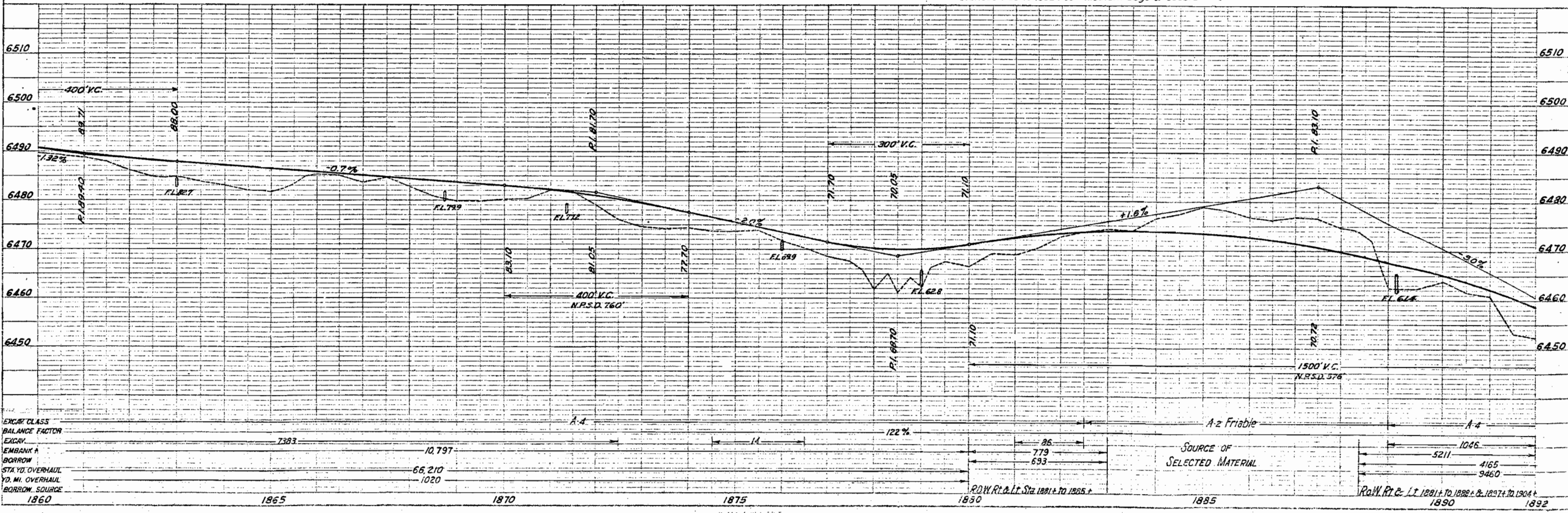
PROFILE	DATE	BY	CHKD.
REVISED			
NOTE BOOK			
NO. 1			
NO. 2			
NO. 3			
NO. 4			
NO. 5			
NO. 6			
NO. 7			
NO. 8			
NO. 9			
NO. 10			

W 1/2 NE 1/4
Sec. 17
T. 15, R. 94W

FED. ROAD DIST. NO.	STATE	COMB. FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	128(2) 187(2)	27	

Rev. h.b.m. 11-15-40 Sec. tie





W. 1/2 S.E. 1/4 SEC. 8
T.15. R.94 W.

S.W. 1/4 N.E. 1/4 SEC. 8
T.15. R.94 W.

N.W. 1/4 N.E. 1/4 SEC. 8
T.15. R.94 W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	187(2)	29	

Rev. 11-15-40 h.b.m. Sec. lines.

Sta. 1896+00 Req'd.
200 cu. yd. embank. for road approach left

Sta. 1898+50
Remove 18'x22' C.M.P. cross culvert, left.

Sta. 1902+80 Req'd.
24'x60' C.M.P. cross culvert & 55 cu. yd. unclass. ditch excav. for inlet.
Remove 15'x20' C.M.P. cross culvert left.

Sta. 1907+00 to 1908+50 Req'd.
100 cu. yds. embankment (material to be rock) for checks to control erosion in dry wash left.

Sta. 1909+60 Req'd.
50 cu. yd. embank. for road approach left.

Sta. 1910+90 Req'd.
24'x88' C.M.P. cross culvert & 5 cu. yd. unclass. ditch excav. for inlet.
Remove 18'x22' C.M.P. cross culvert.
Also req'd. 25 cu. yds. riprap for outlet.

Sta. 1921+54 to 1921+78.2 Req'd. 1 span @ 22'-6" treated timber pile trestle bridge (Details on Sheet No. 7) & 2000 cu. yds. unclassified excavation for channel improvement & remove 36'x30' C.M.P. in present road left. (QUANTITIES IN SUMMARY)

Sta. 1922+13 Req'd.
100 cu. yd. embank. for road approach left.

SELECTED MATERIAL PIT No. 7
SURFACING PIT No. 2

A. 23°55' L
D. 1°00' L
T. 1213.6' L
L. 2391.1' L
R. 5730.0'

TYPICAL SECTION OF PROPOSED CHANNEL CHANGE
STA. 1921+

CLEARING & GRUBBING

Sta. 1991+00 to 1906+50 - Medium Sage & Cedars
Sta. 1906+50 to 1913+00 - Light Sage (Except present road)
Sta. 1913+00 to 1923+00 - Heavy Sage (Except present road)

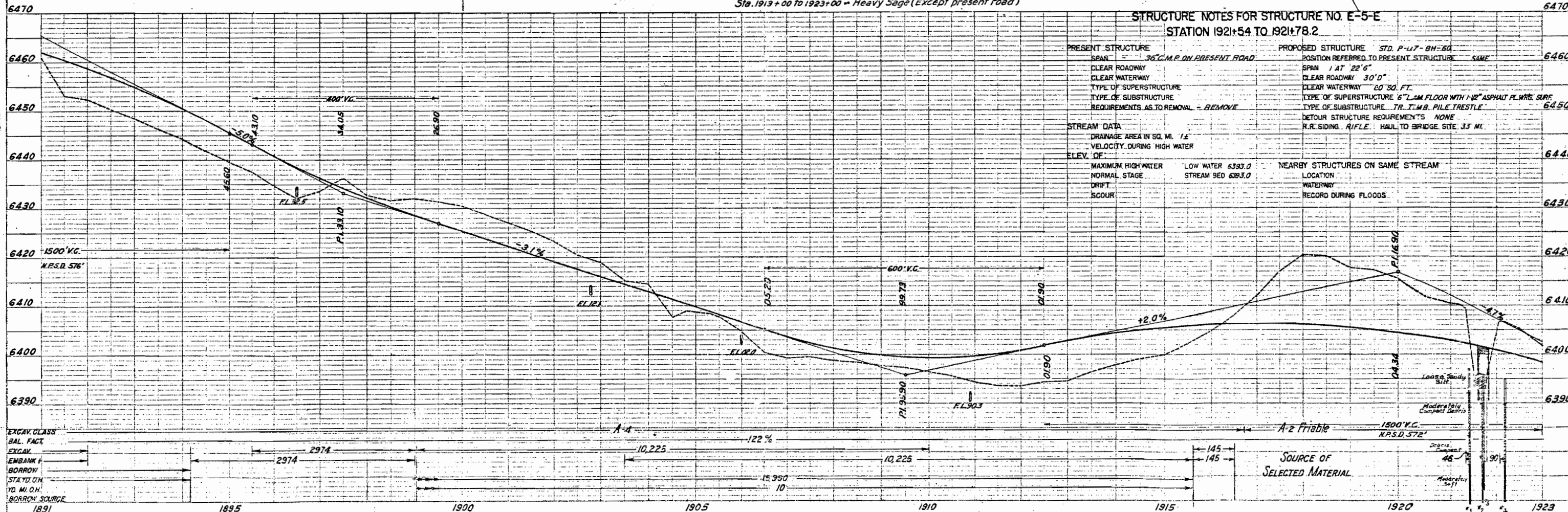
Sta. 1915+00 Req'd.
50 cu. yd. embank. & 18'x26' C.M.P. side drain for road approach right.

Sta. 1921+75 to 1925+00 Req'd.
50 cu. yds. unclassified ditch excavation for intercepting ditches right.

E. 1/2 N.E. 1/4 SEC. 8
T.15. R.94 W.

STRUCTURE NOTES FOR STRUCTURE NO. E-5-E
STATION 1921+54 TO 1921+78.2

PRESENT STRUCTURE		PROPOSED STRUCTURE	
SPAN	36' C.M.P. ON PRESENT ROAD	SPAN	22'-6" TREATED TIMBER PILE TRETTLE
CLEAR ROADWAY		CLEAR ROADWAY	30' 0"
CLEAR WATERWAY		CLEAR WATERWAY	60' 0"
TYPE OF SUPERSTRUCTURE		TYPE OF SUPERSTRUCTURE	6" LAM. FLOOR WITH 1/2" ASPHALT PL. W/RE. SURF.
TYPE OF SUBSTRUCTURE		TYPE OF SUBSTRUCTURE	TR. T.M.B. PILE TRETTLE
REQUIREMENTS AS TO REMOVAL	REMOVE	REQUIREMENTS AS TO REMOVAL	NONE
STREAM DATA		NEARBY STRUCTURES ON SAME STREAM	
DRAINAGE AREA IN SQ. MI.	1.5	LOCATION	
VELOCITY DURING HIGH WATER		WATERWAY	
ELEV. OF		RECORD DURING FLOODS	
MAXIMUM HIGH WATER			
NORMAL STAGE	LOW WATER 6393.0		
DRIFT	STREAM BED 6393.0		
SCOUR			



NW 1/4 SEC. 8
T.1S. R.94W.

W. 1/2 S.E. 1/4 SEC. 5
T.1S. R.94W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	187(2)	30	

Rev. 11-15-40-W.E.J.- Change location of 1/4 line and R.O.W.
Add 1/4 line tie angle and Section note

Sta. 1928+50 Req'd.
24'x86' C.M.P. cross culvert & 5 cu. yd.
unclass. ditch excav. for inlet & outlet.

Sta. 1935+25 Req'd.
36'x68' C.M.P. cross culvert (80° skew) & 15
cu. yd. unclass. ditch excav. for inlet.
Remove 24'x22' C.M.P. cross culvert left.

Sta. 1935+25 Req'd.
100 cu. yds. embankment (material
to be rock) for filling hole left.

Sta. 1943+78 Req'd.
24'x60' C.M.P. cross culvert & 25 cu. yd.
unclass. ditch excav. for inlet & outlet.
Remove 18'x22' C.M.P. cross culvert.

Sta. 1947+25 Req'd.
50 cu. yd. embank. for
road approach left.

Sta. 1952+90 Req'd.
50 cu. yds. embankment (material to be
rock) for checks to control erosion in
dry wash left.

Sta. 1923+50 Req'd.
100 cu. yd. unclass. excav. & 18'x26'
C.M.P. side drain for road apprch.
right.

Sta. 1933+90 Req'd.
25 cu. yd. unclassified excavation & 18'x26' C.M.P.
side drain for road approach right.

Sta. 1932+50 to 1941+00 Req'd.
130 cu. yds. unclass. ditch excavation
for intercepting ditches right.

Sta. 1947+00 Req'd.
24'x62' C.M.P. cross culvert & 5 cu. yd.
unclass. ditch excav. for inlet & outlet.

Sta. 1952+20 Req'd.
24'x78' C.M.P. cross culvert (Sk. 75°) &
7 sq. yds. grouted slope and ditch paving for apron.
Remove 18'x22' C.M.P. cross culvert right.

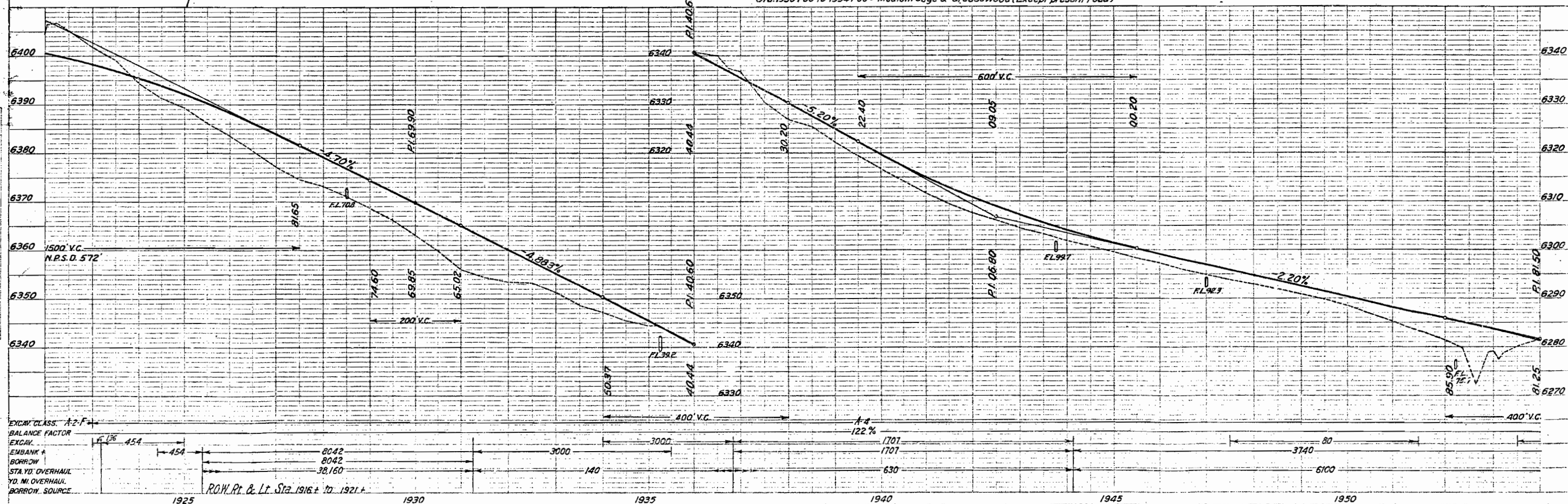
CLEARING & GRUBBING

Sta. 1922+00 to 1934+00 - Heavy Sage (Except present road)
Sta. 1934+00 to 1950+00 - Light Sage (Except present road)
Sta. 1950+00 to 1954+00 - Medium Sage & Greasewood (Except present road)

E 1/2 of N.E. 1/4 SEC. 8
T.1S. R.94W.

E 1/2 S.E. 1/4 of SECTION 5
T.1S. R.94W.

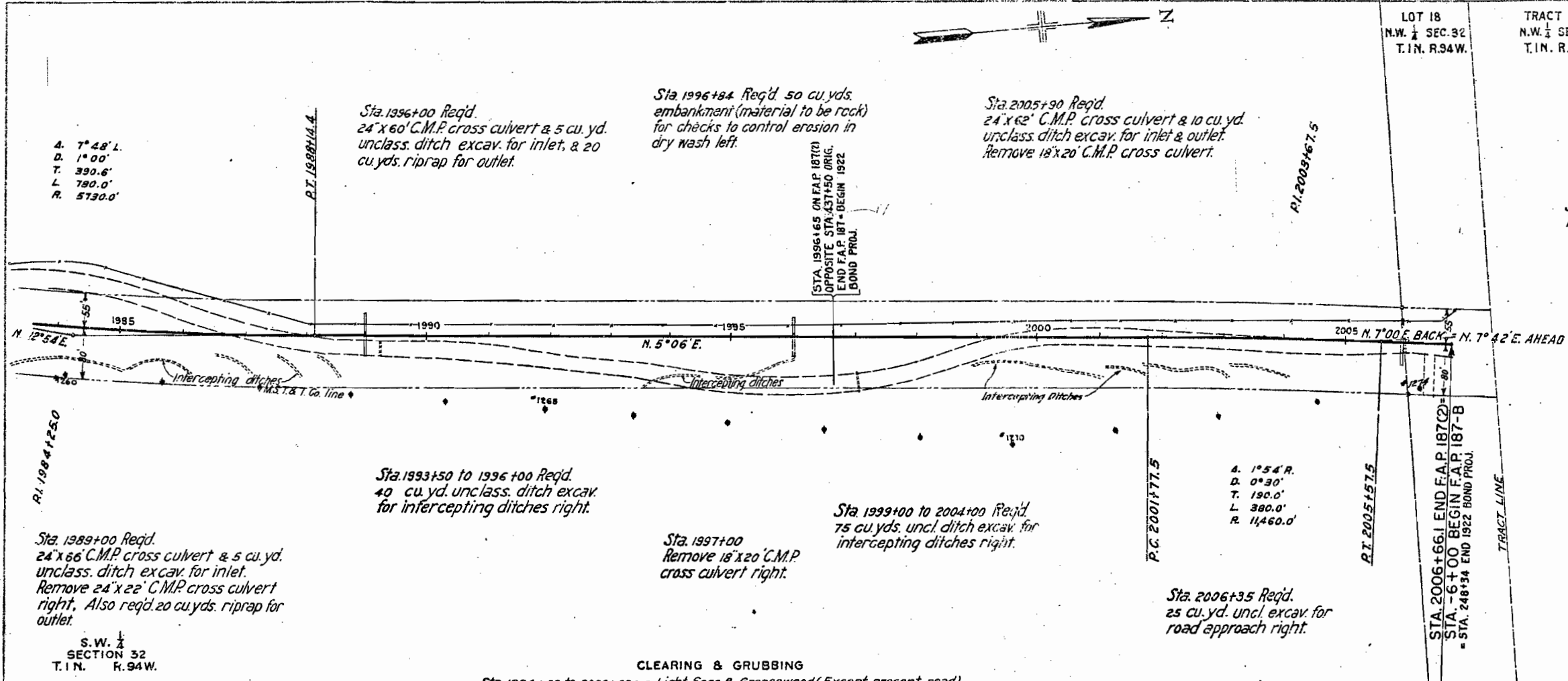
N.E. 1/4 SEC. 5
T.1S. R.94W.



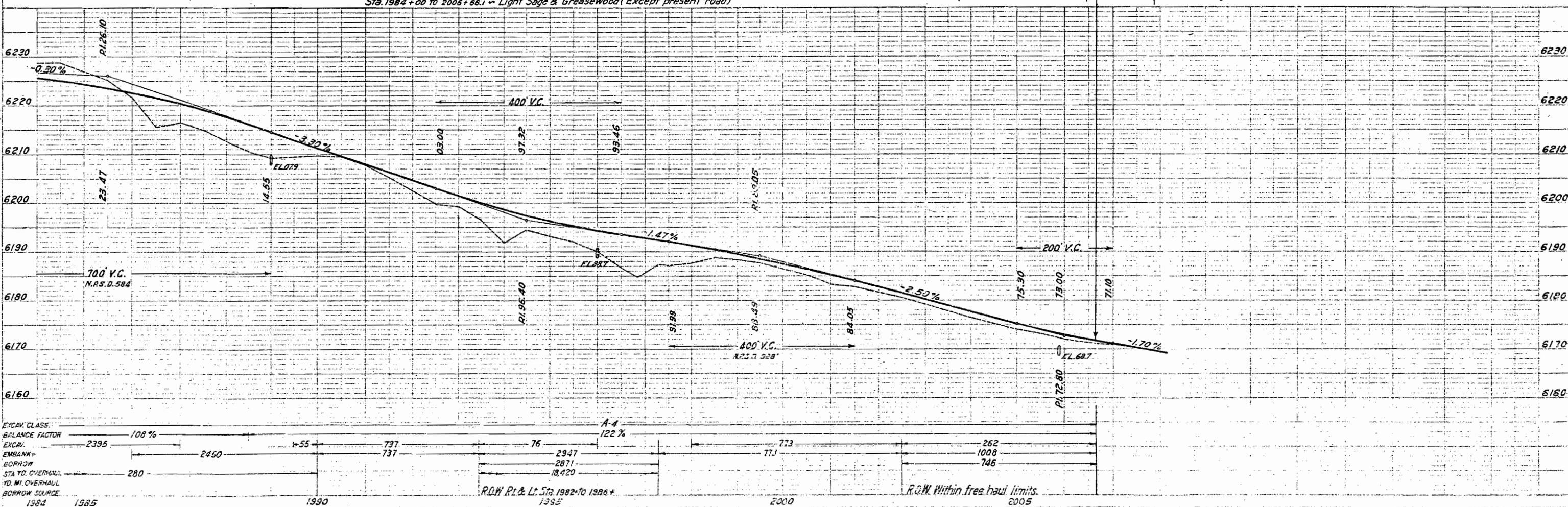
PLAN
SECTION
NOTE BOOK
MUSKOGEE COUNTY
GA.
1985

NOTED
1985

1985



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	187(2)	32	



EXCAV. CLASS	BALANCE FACTOR	EXCAV.	EMBANK.	BORROW	STA. TO OVERHAUL	YD. MT. OVERHAUL	BORROW SOURCE
108%	2395	2450	55	737	76	2947	18420
122%	773	773	262	1008	746		