FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S-0144(1)	1	

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. S-0144(1)
STATE HIGHWAY NO. 64

RIO BLANCO COUNTY
RIGHT OF WAY

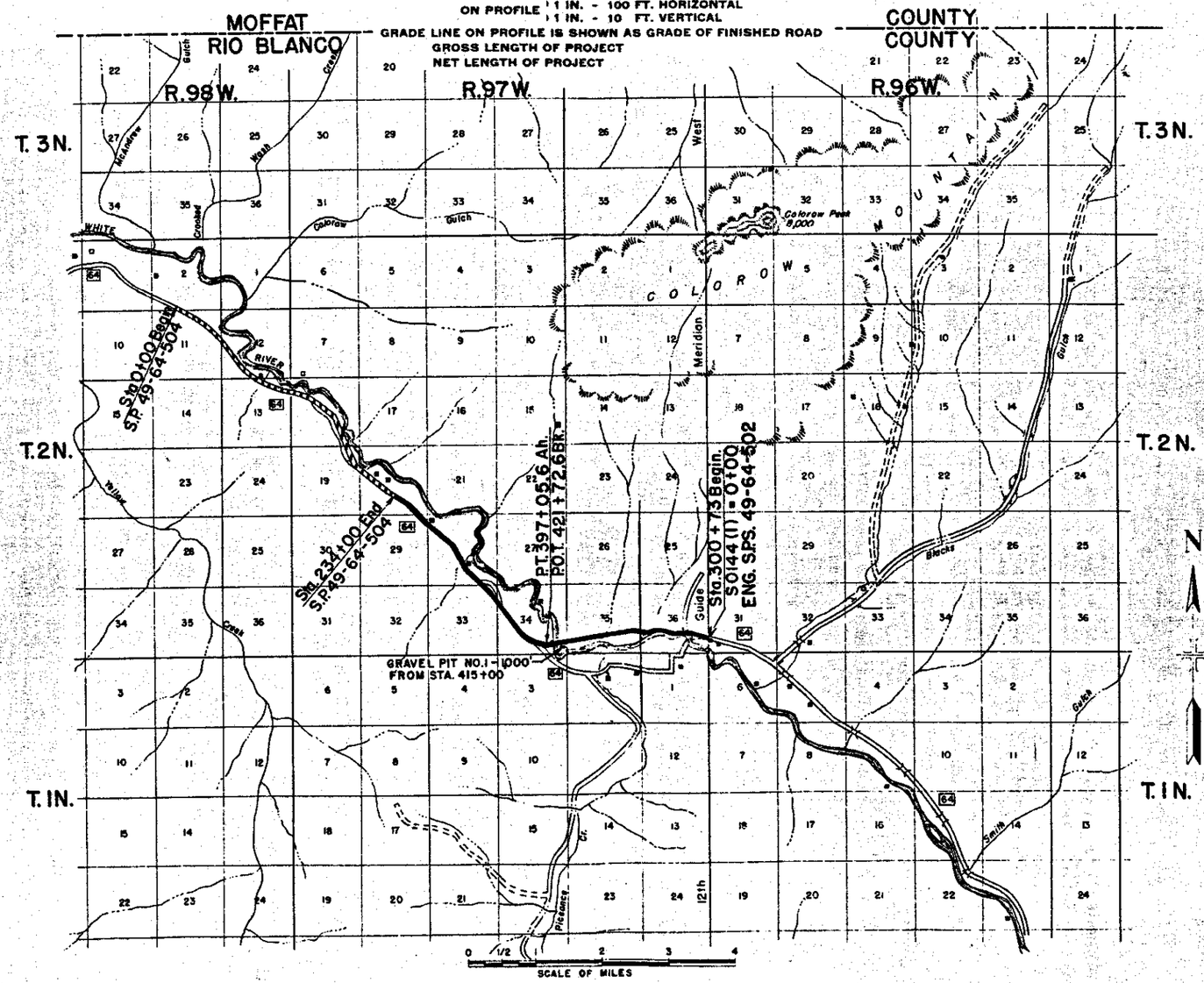
SCALES OF ORIGINAL TRACINGS
ON PLAN, 1 IN. - 100 FT.
ON PROFILE 1 IN. - 100 FT. HORIZONTAL
1 IN. - 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT
NET LENGTH OF PROJECT

INDEX OF SHEETS

SHEET NO. 1 SKETCH MAP & TITLE PAGE
2 TABULATION OF PROPERTIES
3-12 ALIGNMENT PLAN & PROFILE

CONVENTIONAL SIGNS

CENTER LINE
RIGHT OF WAY LINE
SECTION LINE
TRACT & LOT LINE
BARBED WIRE FENCE
COMBINATION WIRE FENCE
BOARD FENCE
TELEPHONE POLES
POWER POLES



RECOMMENDED FOR APPROVAL
ASSISTANT ENGINEER DATE

APPROVED
STATE HIGHWAY ENGINEER DATE

RECOMMENDED FOR APPROVAL DATE
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED DATE
DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

OCT 6 1947

R.O.W. TABULATION OF PROPERTIES IN RIO BLANCO COUNTY S.H. No. 64 PROJ. S 0144(1)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144 (1)	2	

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	NO
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
	Ernest Oldland		Tract 43-B, Sec. 28, T.2N., R.97W.		5.51	2.98	$ 12,840				Irrigated $45.00 per acre; Dry Farming $8.00 per acre; Graz. $2.40	
	Ernest Oldland		Tract 41, Sec. 28, T.2N., R.97W.		3.68	1.44						
	Lorin DeWayne Merriam		Tract 46-A, Sec. 34, T.2N., R.97W.		2.44	1.713	6,990				Irrigated $30.00 per acre; Grazing $2.40 per acre	
	Lorin DeWayne Merriam		Tract 46-A, Sec. 34, T.2N., R.97W.		3.120	2.317						
	Lorin DeWayne Merriam		Tracts 47 & 48, Sec. 34 & 35, T.2N., R.97W.		13.856	13.856						
	Burrlinda J. & Johnnie Johnson		Tract 49, Sec. 35 & 36, T.2N., R.97W.		24.975	7.27 Cultiv. 17.705 Uncultiv.	3,750				70 acre irrigated @ $35.00 per acre; 250 Graz. @ $2.00 per acre	
	U. S. Land											
	Winifred Leslie Livingston		Tract 50, Sec. 36, T.2N., R.97W.		8.468	7.587					Assessor did not have record of assessed valuation on account of ownership changing hands this past year. (Grazing land at current rate of $2.00 per acre.)	
A	U.S. Land											
A	U.S. Land											
A	U.S. Land											
A	U.S. Land											

6 '947

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	3	

S.E.¼ SEC. 36
T. 2 N., R. 97 W.

R. 97 W.
R. 96 W.

N

Lot 18

Δ 8°28' L.
D. 2°00'
T. 212.1'
L. 423.3'
R. 2865.0'

P.C. 303+80.5

P.T. 308+03.8

S. 17° 41' W.

N. 72° 19' W.

307.5'

N. 76° 33' W.

PRESENT ROAD

415.60'

415.97'

305

307.5'

S. 76° 33' E. – 430.36'

430.69'

P.I. 305+92.6

546.2'

310

546.2'

N. 80° 49' W.

Point of Beginning

S. 58° 52' 07" E.
66.98'

North Tract Line 438.26'

Lot 2

Tract 50, Sec. 36
Winifred Leslie Livingston

219.3'

N. 56° 23' 06" W. – 363.13'

Lot 15

142.04'

Sta. 314+00.0 – 311.98'

S. 9° 13' W. – 257.96'

WHITE RIVER

DITCH CHANGE

Ditch

315+69.3

75.98'

Tract 49
Burrlinda J. & Johnnie Johnson

Lot 5

Tract Line

NOTE-
Survey Line Sta. 300+73.0 to Sta. 421+72.6 was run from East to West.
Survey Line Sta. 234+00 to Sta. 397+05.6 was run from West to East.

300+73.0 BEGINNING OF S 0144(1)

47.50'

+0.48%

FL 440

FL 431

50.51

49.36

P.I. 51.95

42.95

FL 277

600' V.C.
N.P.S.D. = 500'

300' V.C.

-2.00%

38.45

34.98

33.56

-0.26%

33.95

P.I.

5770
5760
5750
5740
5730
5720

300
305
310
315

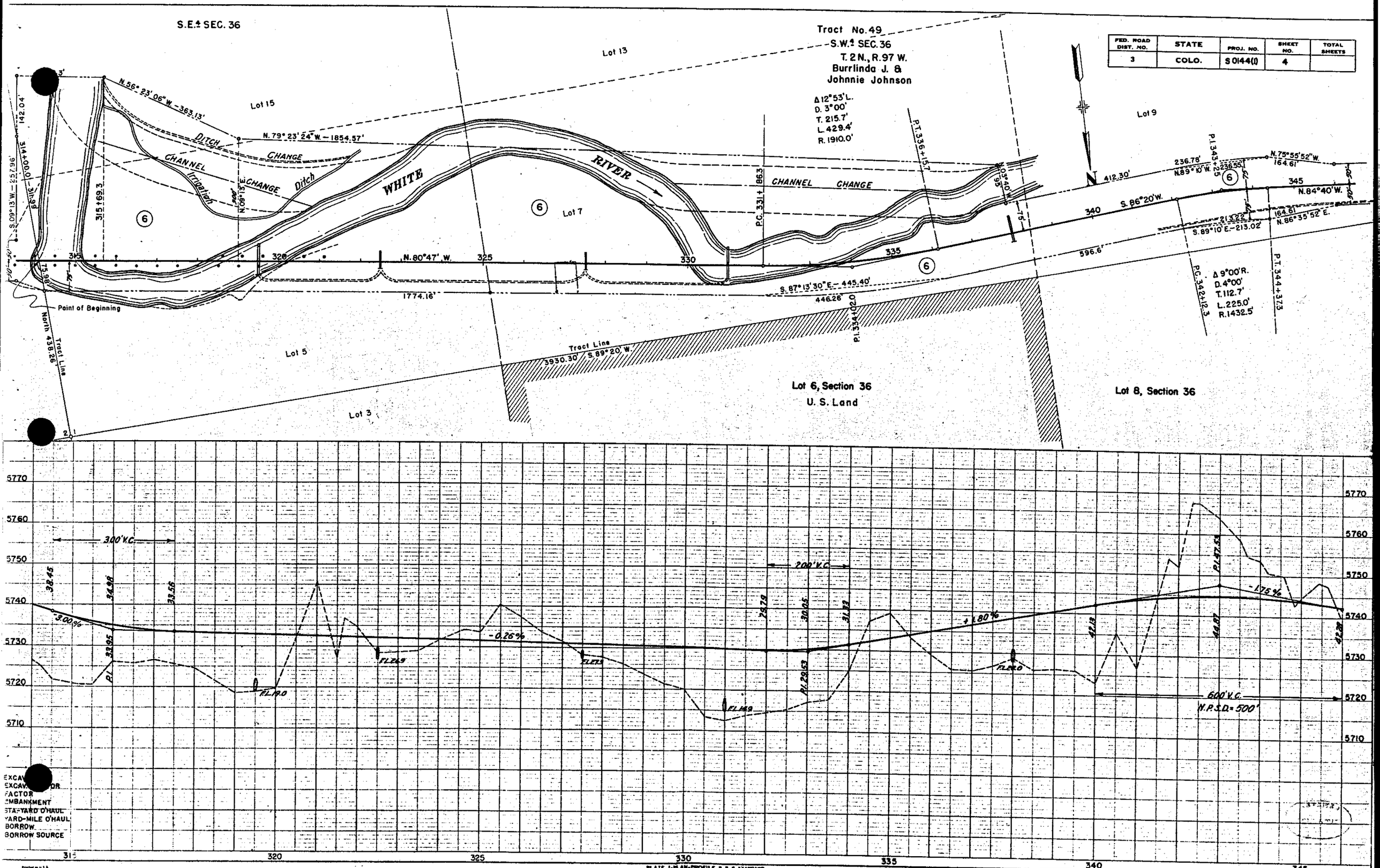
OCT. 6 1947

CAV
CAV. OR
CTOR
BANKMENT
-YARD O'HAUL
D-MILE O'HAUL
RROW
RROW SOURCE

PLATE 1-PLAN-PROFILE B. P. R. STANDARD

Printed in U.S.A. IMPERIAL Tracing Cloth

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	4	



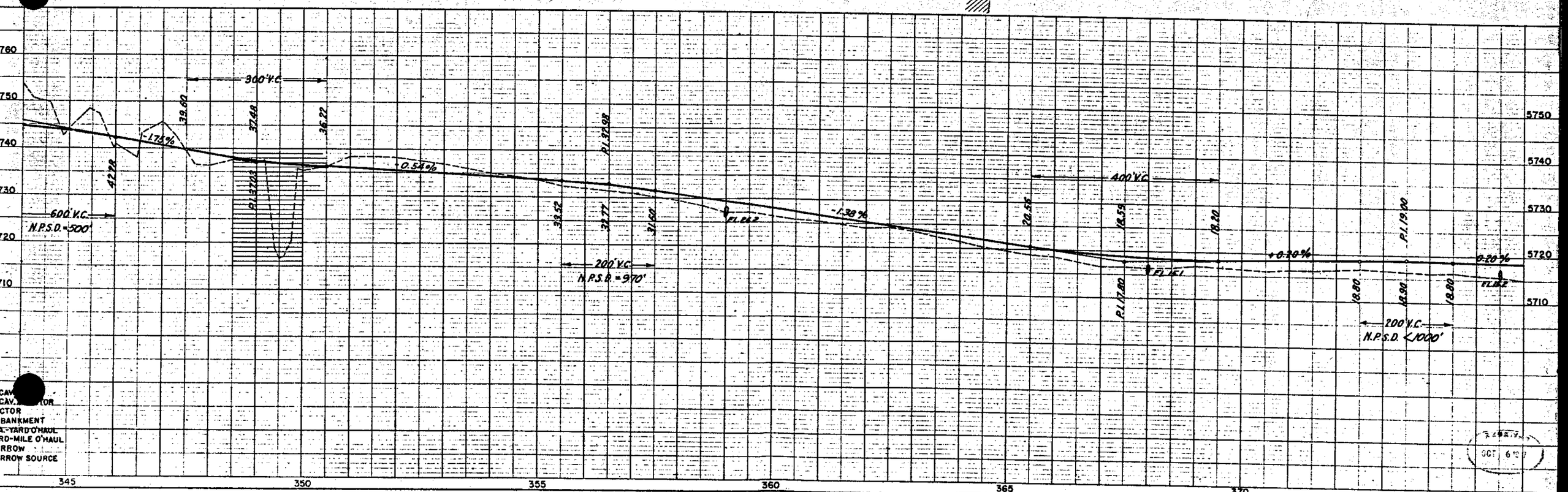
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	5	

Tract No. 49
S.W.¼ SEC. 36
Burrlinda J. & Johnnie Johnson

Tract No. 48
S.E.¼ SEC. 35
T. 2 N., R. 97 W.
Lorin DeWayne Merriam

N

Lot 9
Lot 2
Lot 3
Lot 5
Lot 8
Wash
Tract Line
Sec. Line
Point of Beginning
Δ 10°34' L.
D. 2°00'
T. 265.0'
L. 528.3'
R. 2865.0'
P.C. 352+35.0
P.O.S.T. 353+59.8
S. 00° 03' E.
P.T. 357+63.3
P.T. 344+37.3
P.I. 355+00
N. 75°35'52" W.
164.61'
N. 86°35'52" E.
N. 84°40' W.
617.0'
635.0'
119.87'
N. 85°53'12" W.
119.88'
S. 88°49'48" W. – 398.94'
399.21'
146.87'
515.44'
S. 89°57' E. – 536.83'
Arc 537.52'
107.96'
S. 89°20' W.
3518.1'
3410.14'
S. 84°46' W.
Lot 8, SEC. 36
Lot 1, SEC. 35
U. S. Land
Lot 4, SEC. 35



CAV
CAV. TOR
CTOR
BANKMENT
A.-YARD O'HAUL
RD-MILE O'HAUL
RROW
RROW SOURCE

PLATE I-PLAN-PROFILE P. R. R. STANDARD

OCT 6 1967

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	6	

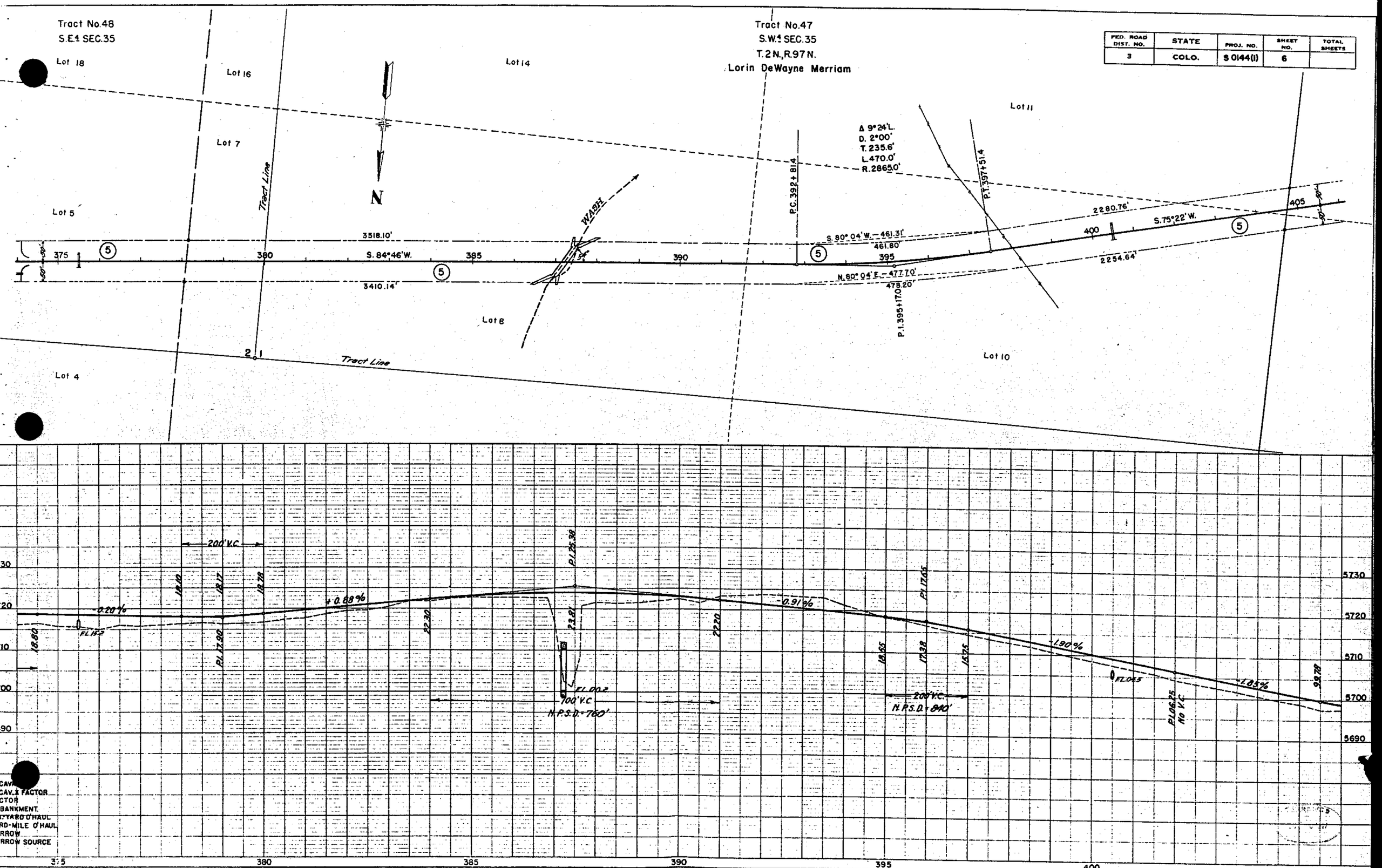


PLATE I-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	7	

Tract No.47
S.E.¼ SEC.34
T.2 N., R.97 W.

Lorin DeWayne Merriam

Lot 31

Lot 27

South Line Tract 46-A 1320.0'

Tract 46 A
Lorin DeWayne Merriam

P.I. 389+70.5

91.0

242.0'

96° 00'

Lot 25

North Sta. 384+79.9

S.E.¼, S.W.¼ SEC. 34
U. S. Land

Chord N. 59° 16' 16" W. — 61.05'
Arc 61.05'

N. 87° 48' 59" W.
116.48'

878.9'

P.O.S.T. 388+79.5

P.O.S.T. 950.7 Ahead of P.I.

1040.70'

390'

395

N. 84° 31' 22" W. — 1019.46'
1217.48'

S. 79° 24' 18" E. — 1178.52'

Δ 68° 12' L.
D. 4° 00'
T. 969.9'
L. 1705.0'
R. 1432.5'

Lot 26

Lot 19

Lot 20

Tract Line

S. 36° 26' E.

4-A

380

P.C. 380+00.6

Lot 30

Lot 28

Point of Beginning

374.3' (Calc.)

370.5'

77° 30'

140.4'

420

516.8'
516.68'

166.5'

North Sta. 420+19.1 Tract Line

P.T. 397+05.6 AHEAD
421+72.6 BACK

EQUATION

4

5

West Line of Sec. 35

N

Lot 16

Lot 18

RIVER

WHITE

P.O.T. 415+56.4

664.7'

33° 01' 26"

415

2280.76'

S. 75° 22' W.

2254.64'

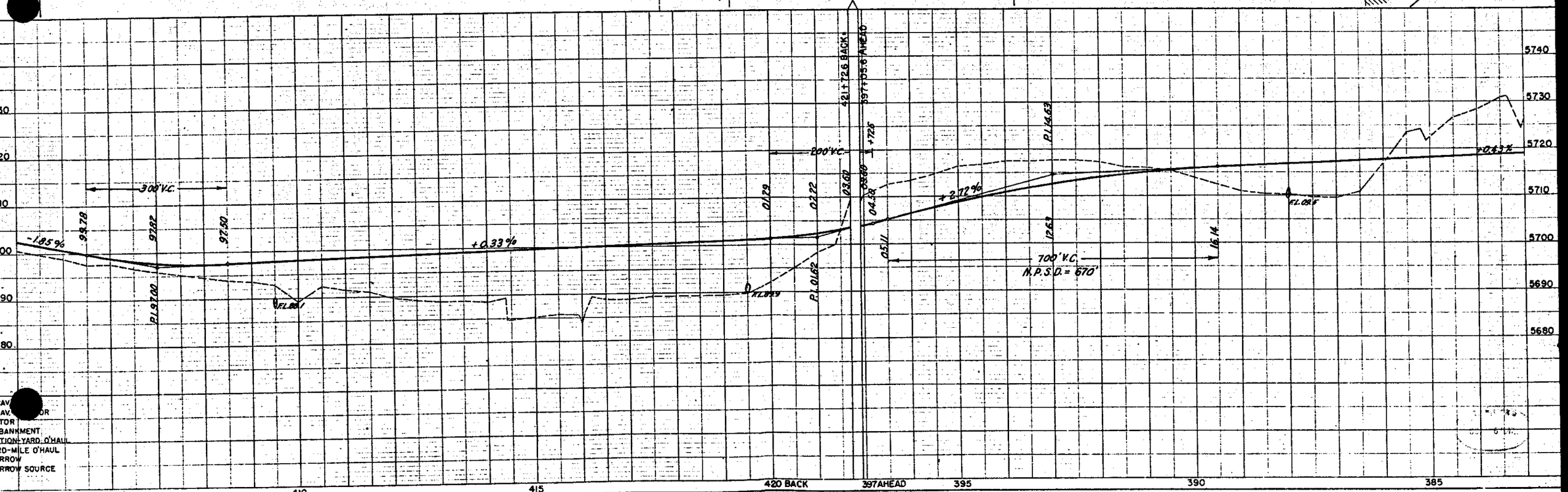
410

405

50'

100'

50'



AV
AV OR
TOR
BANKMENT
TION-YARD O'HAUL
D-MILE O'HAUL
RROW
RROW SOURCE

PLATE I-PLAN-PROFILE R. P. R. STANDARD

Printed in U.S.A.
By IMPERIAL Printing Co.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	8	

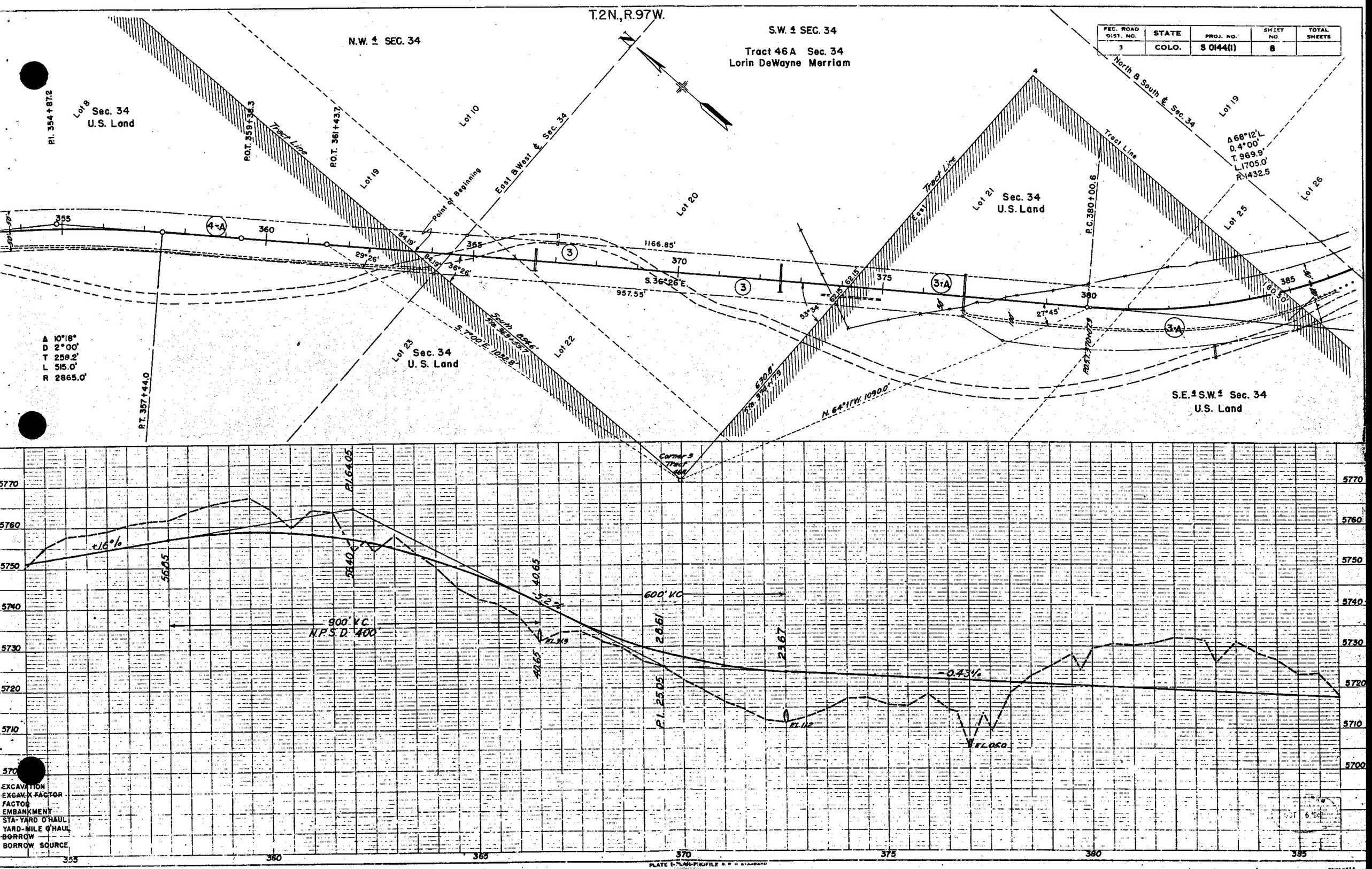


PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	9	

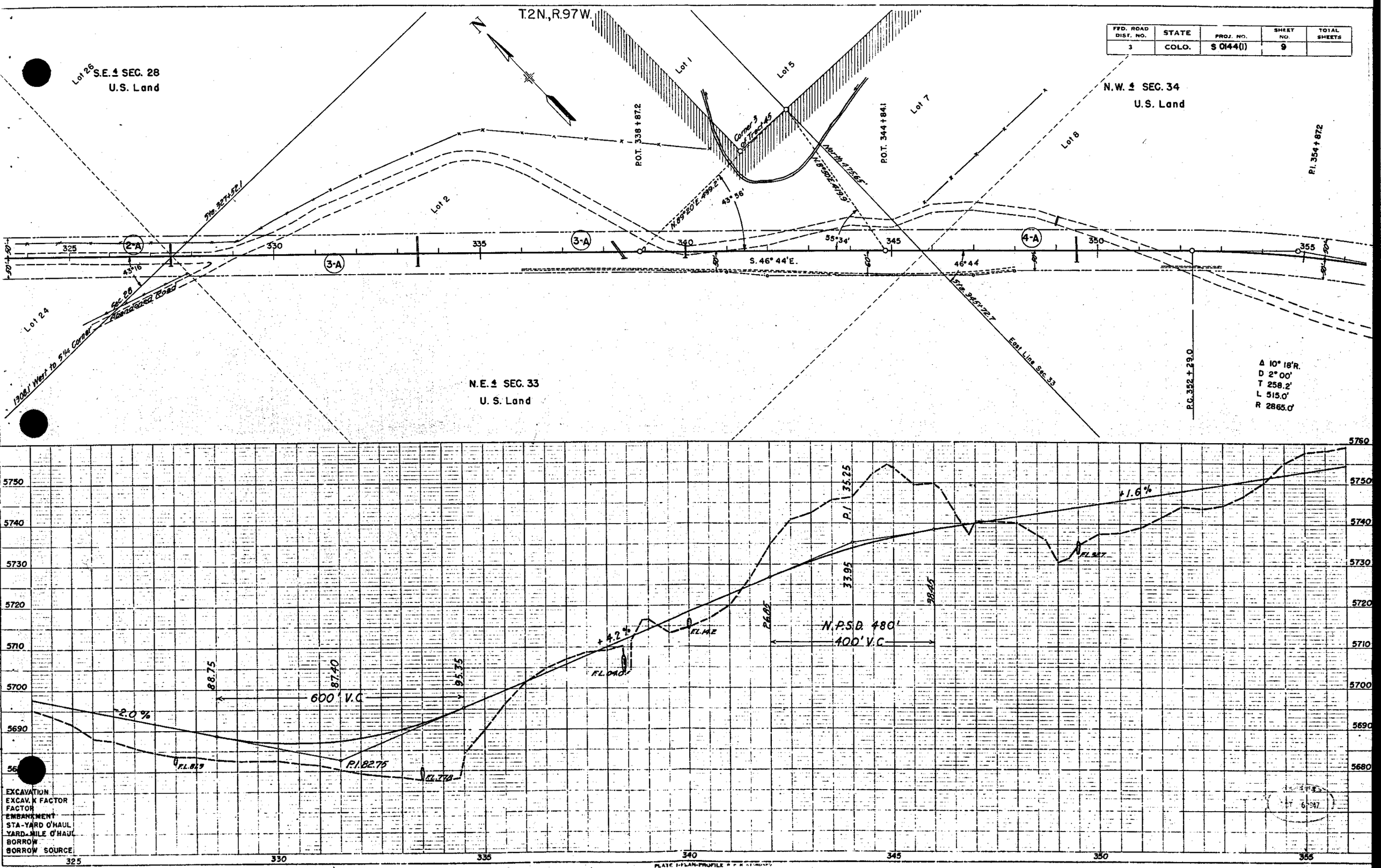


PLATE I-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	10	

T.2 N., R.97 W.

Tract 41
S.E.¼ SEC. 28
Ernest Oldland

Δ 16°15' L.
D 2°00'
T 409.0'
L 812.5'
R 2865.0'

Lot 9 · Lot 11 · Lot 18 · Lot 19 · Lot 20 · Lot 21 · Lot 22 · Lot 23 · Lot 24

Fence Posts
No Wire

Sta. 303+25.02

Point of Beginning

P.C. 312+76.7

P.T. 320+89.2

Barn & Chicken Ho. · Garage · Log Ho. · Log Ho. · Corral

295 · 300 · 305 · 310 · 315 · 320 · 325

T-A · 2 · 2-A

S. 30°29' E.

98.56' · 98.56'

986.62'

816.74'

640.63'

713.67'

S. 37°44' 46.5" E. — 711.76'

68.98' · 70.12'

N. 36°46' 45.5" W.
639.34'

75°03' · 82°25'

S. 46°44' E.

West Tract Line

Tract 41

South 1314.33' (Calc.)

East 319+33.4'

Tract Line

Tract Pl. 316+85.7

South Line Sta. 28

Sta. 327+32.1

Sec. 28
U. S. Land

Sec. 28
U. S. Land

S.W.¼ SEC. 28

N.E.¼ SEC. 33

Δ 18°31' R.
D 2°00'
T 467.0'
L 925.8'
R 2865.0'

P.T. 296+22.4

P.O.T. 305+00.0 Bk.
P.O.T. 305+50.0 Ah.

EQ. 1

Corner 9 of Tract 41

EQUATION
305+00 Bk.
305+50 Ah.

P.I. 10.75

N.P.S.D. 540
800' V.C.

+2.0%

-2.0%

+2.0%

-3.0%

600' V.C.

73.50

75.75

P.I. 69.75

FL 653

FL 656

FL 659

02.75

06.75

02.75

5720 · 5710 · 5700 · 5690 · 5680 · 5670 · 5660

295 · 300 · 305 · 310 · 315 · 320 · 325

EXCA
EXCA TOR
FACTO
EMBANKMENT
STA-YARD O'HAUL
YARD-MILE O'HAUL
BORROW
BORROW SOURCE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0144(1)	11	

T.2N., R.97W.

Tract 43 B
N.W. ¼ SEC. 28
Ernest Oldland

Barn, Corrals, Log Shed, Frame Ho., Log Cabin

Lot 8, Lot 5, Lot 6, Lot 7, Lot 9, Lot 20, Lot 1

Tract No. 43B

Tract No. 42A

N.E. ¼ SEC. 29

S.W. ¼ SEC. 28
U.S. Land

Δ 10°02' L.
D 2°00'
T 251.5'
L 501.7'
R 2865.0'

P.C. 263+91.5
P.T. 268+93.2
P.I. 266+43.0
P.O.S.T. 264+60.6
P.C. 286+96.6
P.I. 291+63.6
P.T. 296+224
286+21.1

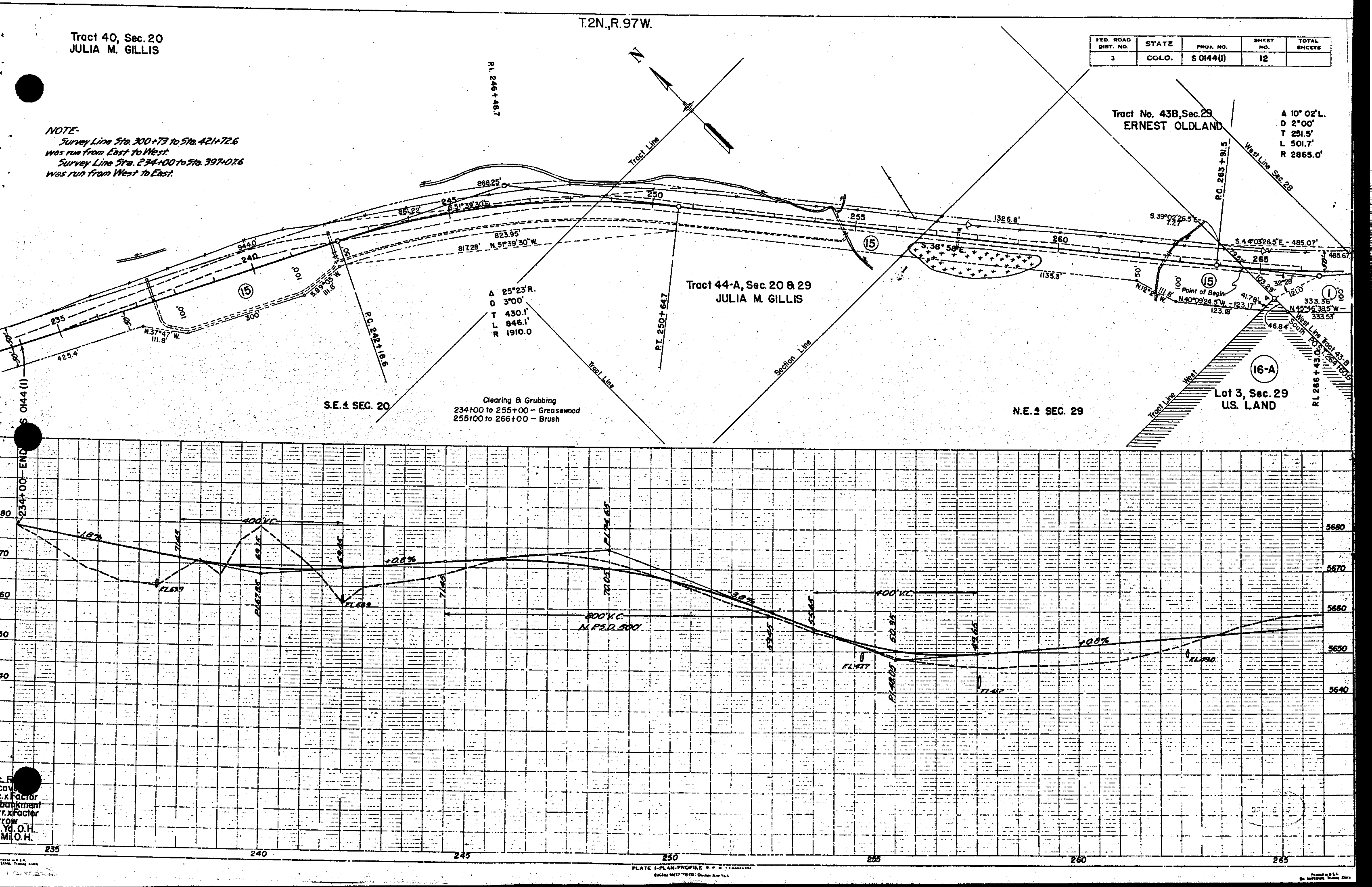
S.44°03'26.5"E. 485.07'
485.67'
S.38°58'E. 82.28'
N.71°26'W.
121.0' N.45°46'38.5"W. 333.36'
333.53'
N.63°02'W. 206.2'
6.8'
46.48'
S.49°00'E. 1463.58'
1785.42'
S.30°29'E.
90°34'
76.21
76.2
79.52'
110'
100'
Point of Beginning (P.O.S.T)
Corner of Tract 44A
North West Tract Line of Tract 43B
West Line Sec. 28
South Tract Line of 43B
E.B.W. ¼ Sec. 28
Proposed New Channel
Δ 18°31' R.
D 2°00'
T 467.0'
L 925.8'
R 2865.0'

265, 270, 275, 280, 285, 290, 295

5710, 5700, 5690, 5680, 5670, 5660, 5650

62.05
67.45
77.25
P.I. 96.75
78.75
84.75
90.75
84.75
P.I. 65.25
800' V.C.
+3.0%
-3.0%
N.P.S.D. 440'
800' V.C.
600' V.C.
+0.8%
FL. 52.7
FL. 61.0
FL. 60.8

EXCAVATION
AV. X FACTOR
TOR
EMBANKMENT
STA-YARD O'HAUL
YARD-MILE O'HAUL
BORROW
BORROW SOURCE



T.2N.,R.97W.
FED. ROAD DIST. NO. 3
STATE COLO.
PROJ. NO. S 0144(1)
SHEET NO. 12
TOTAL SHEETS
Tract 40, Sec. 20
JULIA M. GILLIS
NOTE-
Survey Line Sta. 300+73 to Sta. 421+72.6 was run from East to West.
Survey Line Sta. 234+00 to Sta. 397+07.6 was run from West to East.
P.I. 246+48.7
N
Tract Line
Tract No. 43B, Sec. 29
ERNEST OLDLAND
Δ 10° 02' L.
D 2°00'
T 251.5'
L 501.7'
R 2865.0'
West Line Sec. 28
P.C. 263+91.5
Δ 25°23' R.
D 3°00'
T 430.1'
L 846.1'
R 1910.0
Tract 44-A, Sec. 20 & 29
JULIA M. GILLIS
P.T. 250+64.7
P.C. 242+18.6
Section Line
Tract Line
S.E.¼ SEC. 20
Clearing & Grubbing
234+00 to 255+00 – Greasewood
255+00 to 266+00 – Brush
N.E.¼ SEC. 29
Lot 3, Sec. 29
U.S. LAND
16-A
Tract Line West
West Line Tract 43-B
P.I. 266+43.0
Point of Begin.
N.40°09'24.5"W. – 123.17'
N.45°46'38.5"W. – 333.53'
S.44°03'26.5"E. – 485.07'
S.39°02'26.5"E.
S.38°58'E.
N.51°39'30"W.
S.51°39'30"E.
N.37°47'W.
S.89°05'W.
S 0144 (1)
END 234+00
400' V.C.
800' V.C.
M.P.S.D. 500'
-1.8%
+0.8%
-3.0%
+0.8%
P.I. 74.65
5680
5670
5660
5650
5640
235
240
245
250
255
260
265
PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S-0144(1)	5	

SURFACING PLAN

	MATERIAL TO BE PLACED	SOURCE	QUANTITY AVAILABLE TONS	QUANTITY USED TOP COURSE	QUANTITY USED BOTTOM COURSE	OVERHAUL TON MILE
East Survey	300+73 - 372+20	Pit No. 1 SE¼ 34 T. 2 N., R. 97 W. 1000' from Sta. 415+00	20,000	1573	3645	3549
	372+20 - 414+38			942	2183	0
	416+21 - 421+73 Bk.			148	344	0
	397+06 AH - 361+00			794	1839	0
	361+00 - 359+00			44	102	3
	Road Approaches			64	128	66
West Survey	359+00 - 350+30	Pit No. 2 SW¼ 28 T. 2 N., R. 97 W. 800' from Sta. 305+00	Ample	192	444	58
	350+30 - 305+50 Bk.			986	2285	0
	305+50 - 305+00 EQ.					
	305+00 AH - 260+20			986	2285	0
	260+20 - 234+00			577	1336	479
	Road Approaches			16	38	0
	TOTAL			6322	14629	4155

It is estimated that materials for Gravel Surfacing and Ballast for the Project are available in the vicinity of the pits indicated in these tabulations and on the Sketch Map. Estimated quantities involved in these operations are shown.

Alteration of the Surfacing and/or Select Borrow Plan will be allowed only on written permission from the Department.

R.O.W MARKERS

	STATION	SIDE	NO.
East Survey	300 + 73	S & N	2
	313 + 50	S & N	3
	314 + 26	N	1
	315 + 69.3	S	1
	319 + 00	S	1
	338 + 00	S	2
	344 + 37	S & N	2
	346 + 00	S & N	2
	372 + 00	S & N	2
	399 + 00	S & N	2
	421 + 72.6 (Back)	N & S	2
West Survey	370 + 00	N & S	2
	348 + 00	S	1
	347 + 00	S	1
	342 + 00	S	1
	341 + 00	N & S	2
	320 + 89.2	N & S	2
	296 + 22.4	N & S	2
	270 + 00	S	1
	268 + 93.2	N & S	2
	238 + 00	S	2
	237 + 00	S	1
	TOTAL		37

TIMBER GUARD POSTS

	STATION	SIDE	SPACING	NO.
East Survey	302 + 00	N & S	Culv.	2
	311 + 00 - 316 + 00	S	50'	11
	311 + 50 - 319 + 50	N	50	17
	318 + 60 - 321 + 10	S	50	6
	322 + 50	N & S	Culv.	2
	327 + 50	N & S	Culv.	2
	329 + 75 - 341 + 75	S	50'	25
	329 + 75 - 331 + 75	N	50	5
	344 + 75 - 345 + 75	S	50	3
	349 + 10 - 349 + 60	S	50	2
	349 + 40 - 349 + 90	N	50'	2
	359 + 00	N & S	Culv.	2
	368 + 00	N & S	Culv.	2
	375 + 50	N & S	Culv.	2
	387 + 00 - 387 + 50	N	50	2
West Survey	387 + 10 - 387 + 60	S	50'	2
	400 + 50	N & S	Culv.	2
	414 + 24 - 414 + 35	N & S	Bridge	8
	416 + 25 - 419 + 86	N & S	Bridge	22
	374 + 90 - 377 + 40	N	50	6
	348 + 75 - 350 + 25	N	50'	4
	340 + 00	N & S	Culv.	2
	332 + 25 - 335 + 25	N	50	7
	332 + 75 - 335 + 25	S	50	6
	276 + 72	N & S	Culv.	2
	242 + 25 - 245 + 75	N	50'	8
	296 + 50	N & S	Culv.	2
	TOTAL			156

SELECT BORROW

	MATERIAL TO BE PLACED	SOURCE	QUANTITY AVAILABLE CU. YDS.	THICKNESS INCHES	CU. YDS. USED	OVERHAUL STA. YD.	OVERHAUL YD. MI.
East Survey	300 + 73 - 332 + 00	Pit No. 3 SW¼ 36 T. 2 N., R. 97 W. 200' from Sta. 332+00	10,000	12"	4003	36289	498
	332 + 00 - 382 + 80			12"	6502	63778	1920
	382 + 80 - 414 + 38	Pit No. 1 SE¼ 34 T. 2 N., R. 97 W. 1000' from Sta. 415+00	11,765	12"	4042	42158	7838
	416 + 21 - 421 + 73 Bk.			12"	707	5559	1
	397+06 AH - 391 + 30			12"	737	8107	50
West Survey	391 + 30 - 350 + 30	Pit No. 2 SW¼ 28 T. 2 N., R. 97 W. 800' from Sta. 305+00	Ample	12"	5248	57728	5695
	350 + 30 - 305 + 50 Bk.			12"	5734	58978	1641
	305+00 AH - 260 + 20			12"	5734	58978	1641
	260 + 20 - 234 + 00			12"	3354	36594	4186
	TOTAL				36061	368469	23470

FENCING REQUIREMENTS

	STATION	SIDE	REMOVE FENCE LIN. FT.	BUILD B.W LIN. FT.	FENCE COMB. LIN. FT.	REMOVE REBUILD FENCE LIN. FT.	GATES DRIVEWAY NO.
East Survey	300 + 73 - 308 + 43	N & S			1540		
	308 + 50	N & S					2
	308 + 57 - 349 + 25	S			4560		
	308 + 57 - 349 + 44	N			4100		
	310 + 48	×	105				
	311 + 10	×	105				
	327 + 00	N	260				
	349 + 85 - 373 + 93	S			2405		
	350 + 05 - 373 + 93	N			2395		
	353 + 60	×	90				
	374 + 00	N & S					2
	374 + 07 - 386 + 47	N			1240		
	374 + 07 - 387 + 47	S			1340		
	387 + 00 - 411 + 63	N			2465		
	388 + 00 - 411 + 63	S			2365		
	398 + 05	×	115				

FENCING REQUIREMENTS

	STATION	SIDE	REMOVE FENCE LIN. FT.	BUILD B.W LIN. FT.	FENCE COMB. LIN. FT.	REMOVE REBUILD FENCE LIN. FT.	GATES DRIVEWAY NO.
East Survey	408 + 60 - 411 + 75	× S	585				
	411 + 70	N & S					2
	411 + 77 - 414 + 22	N & S			510		
	416 + 34 - 388 + 00	N		1390			
	416 + 34 - 321 + 35	S		8165			
West Survey	396 + 55 - 392 + 00	×	880				
	379 + 75 - 376 + 05	×	385				
	379 + 75 - 329 + 40	N		5035			
	373 + 63	×	115				
	329 + 40 - 321 + 75	N	50			765	
	321 + 30 - 292 + 50	N	60			2860	
	320 + 95 - 234 + 00	S		8645			
	284 + 40 - 234 + 00	N	5100		5040		
	TOTAL		7850	23235	27960	3625	6

It is estimated that 10% of Line Posts of Fence to be Rebuilt will need replacing. Line Posts Req'd. = 25