

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 017-3(8)

CS 46-0008-17

STATE HIGHWAY NO 8

CHEYENNE COUNTY

SCALES OF ORIGINAL DRAWINGS

ON PLAN 1" = 100 FT. HORIZONTAL

ON PROFILE 1" = 100 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT

NET LENGTH OF PROJECT

RIGHT - OF - WAY

STA. 3100+00 Begin F 017-3(8) (R.O.W. & Const.) =

Sta. 3100+00 End DF 017-3(7) =

Sta. 3100+00 on FAP 278-E

STA. 3292+00 End F 017-3(8) (R.O.W.)

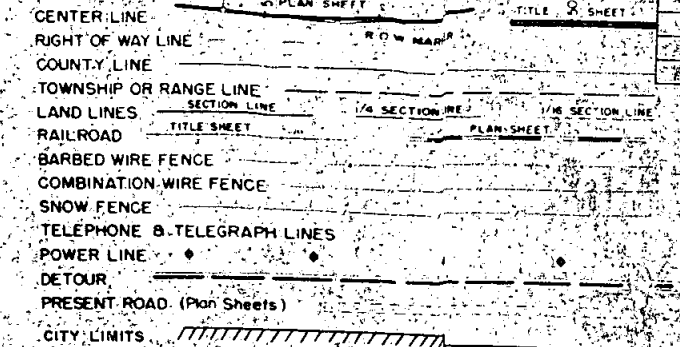
STA. 3340+00 End F 017-3(8) (Const.) =

Sta. 3340+00 on Proj. WPGH 278-J

Scale in Miles



CONVENTIONAL SIGNS



FEDERAL RD DISTRICT NO.	DISTRICT	PROJ. NO.
1	COLORADO	F 017-3(8)
RIGHT OF WAY		CS 46-0008-17

7-31-59	RE
	City

INDEX OF SHEETS

SHEET NO.

1. Title Sheet
2. Tabulation of Properties
- 3-12. Plan & Profile Sheets Showing R.O.W.
- 13-16. Ownership Maps

PROJ F 017-3(8)

CS 46-0008-17

FEDERAL ROAD DIVISION NO	DISTRICT	PROJ NO	SHEET NO
9	COLORADO	F 017-3(8)	2

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES		RIGHT OF WAY				REMARKS
				PARCEL	TO BE ACQUIRED					
			T. 15 S., R. 49 W.							
1	Clara Hester Prosser	Star Rte., Bovina, Texas	S. 1/2 Sec. 1	1.937	1.937					
			T. 15 S., R. 48 W.							
2	Lena Jantz, Roy Jantz & Roy Jantz	Meno, Oklahoma	S.W. 1/4 Sec. 6	0.592	0.592					
3	Mary Collins (Estate)	% Don C. Collins, Kit Carson, Colo.	N. 1/2 Sec. 7	2.508	2.508					
4	Charles E. Collins (Estate)	" " "	N.W. 1/4 Sec. 8	1.462	1.462					
5	Floyd E. Mills & Lois L. Mills	Kit Carson, Colo.	N.E. 1/4 Sec. 8	0.077	0.077					
			Original Townsite Of Kit Carson							
6	Knudtson Motor Co.	Kit Carson, Colo.	N.E. 1/4 Sec. 8 Lots 11 & 12 Blk. 7	0.107	0.107					
7	Elden Platner & Nettie R. Platner	926 So. 5th AVE. Arcadia, Calif.	Lots 1 & 2 Blk. 7	0.107	0.107					
8	Knudtson Motor Co.	Kit Carson, Colo.	Lots-1, 2, 11 & 12 Blk. 6	0.214	0.214					
9	Floyd E. Mills & Lois L. Mills	Kit Carson, Colo.	SE 1/4 SE 1/4 Sec. 5 NE 1/4 NE 1/4 Sec. 8	0.059	0.059					
E-1	Don C. Collins		SE 1/4 Sec. 2	0.516	0.0516					Perm. Easement
10 Rev	Elden Platner & Nettie Platner		NE 1/4 NW 1/4 Sec. 9	0.006	0.006					
11 Rev	Elden Platner & Nettie Platner		NE 1/4 NW 1/4 Sec. 9	0.046	0.046					

N.W. 1/4 Sec. 2
T. 15 S., R. 49 W.

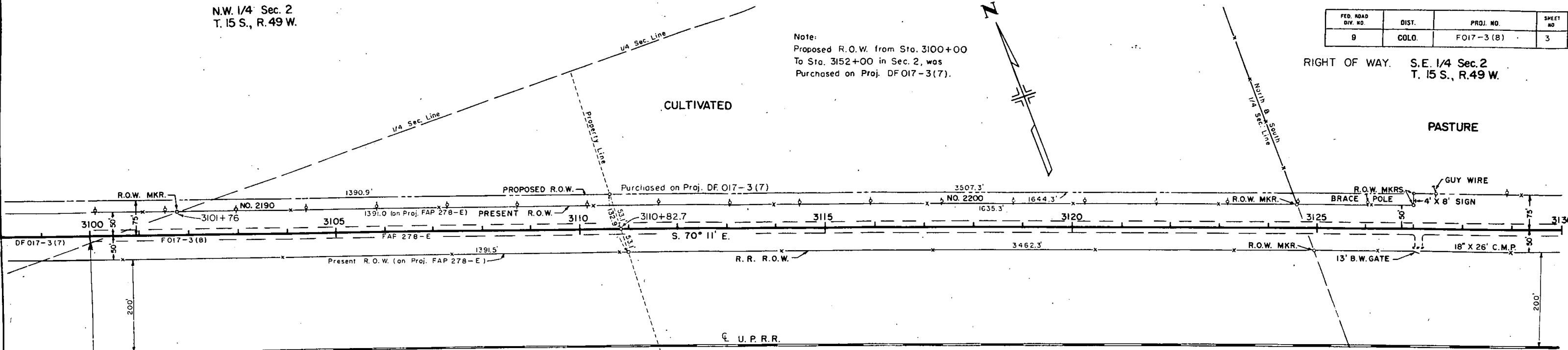
FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOT SHEI
9	COLO.	FO17-3 (8)	3	

RIGHT OF WAY. S.E. 1/4 Sec. 2
T. 15 S., R. 49 W.

PASTURE

Note:
Proposed R.O.W. from Sta. 3100+00
To Sta. 3152+00 in Sec. 2, was
Purchased on Proj. DF017-3(7).

CULTIVATED

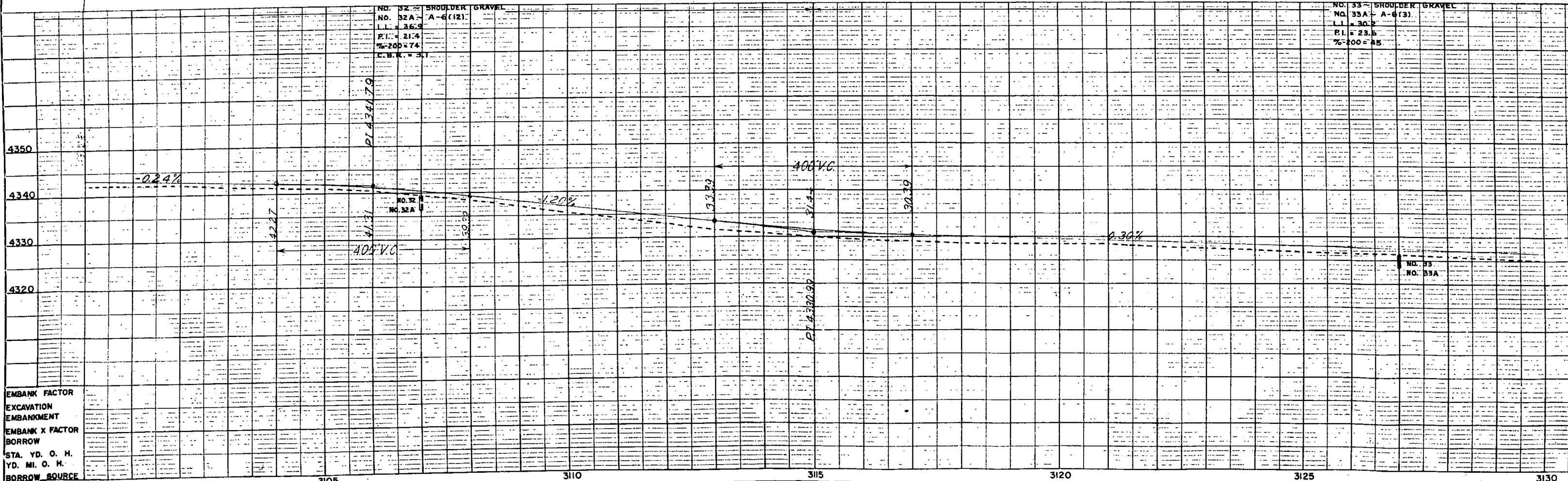


STA. 3100+00 Begin F017-3 (8) =

STA. 3100+00 End DF017-3(7) =
3100+00 on Proj. FAP 278 E.

N.W. 1/4 & W. 1/2 of S.W. 1/4 Sec. 2
T. 15 S., R. 49 W.
Mary Collins.
Don Collins
Georgia Collins, Mac Whirter
Pauline Collins Stewart
Exception.

S.E. 1/4 & E. 1/2 of S.W. 1/4 Sec. 2
T. 15 S., R. 49 W.
Don C. Collins
Exception.



EMBANK FACTOR
EXCAVATION
EMBANKMENT
EMBANK X FACTOR
BORROW
STA. YD. O. H.
YD. MI. O. H.
BORROW SOURCE

S.E. 1/4 SEC. 2
T.15S., R.49W.

S.E. 1/4 & E. 1/2 of SW 1/4 Sec. 2
T.15S., R.49W.
Don C. Collins
Exceptions:

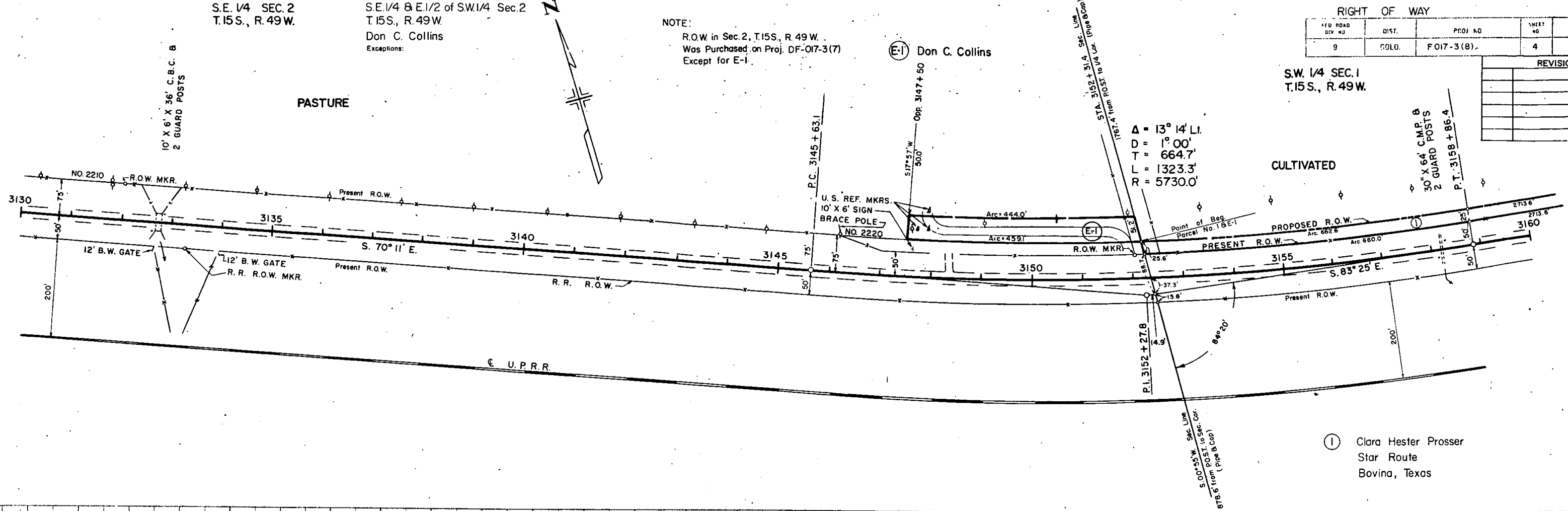
NOTE:
R.O.W. in Sec. 2, T.15S., R.49W.
Was Purchased on Proj. DF-017-3(7)
Except for E-1.

(E-1) Don C. Collins

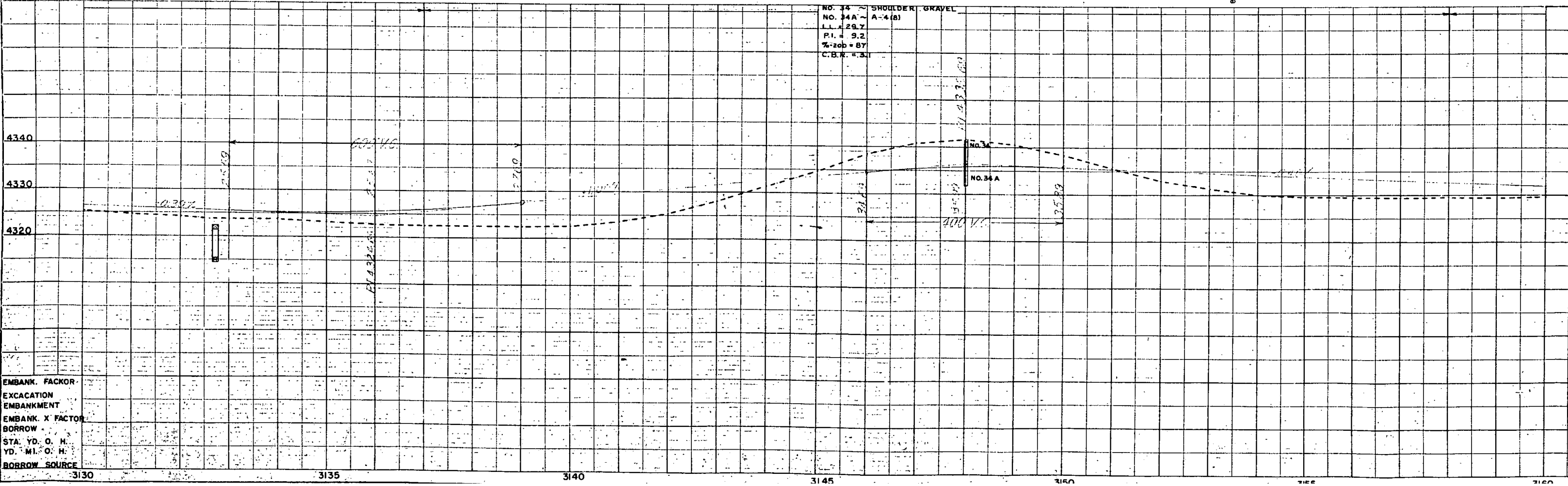
RIGHT OF WAY				
FILE NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	FO17-3(8)	4	

REVISIONS	

S.W. 1/4 SEC. 1
T.15S., R.49W.



① Clara Hester Prosser
Star Route
Bovina, Texas



EMBANK. FACTOR
EXCAVATION
EMBANKMENT
EMBANK. X FACTOR
BORROW
STA. YD. O. H.
YD. MI. O. H.
BORROW SOURCE

S.W. 1/4 Sec. I
T. 15 S., R. 49 W.

① Clara Hester Prosser
Star Route
Bovina, Texas

CULTIVATED



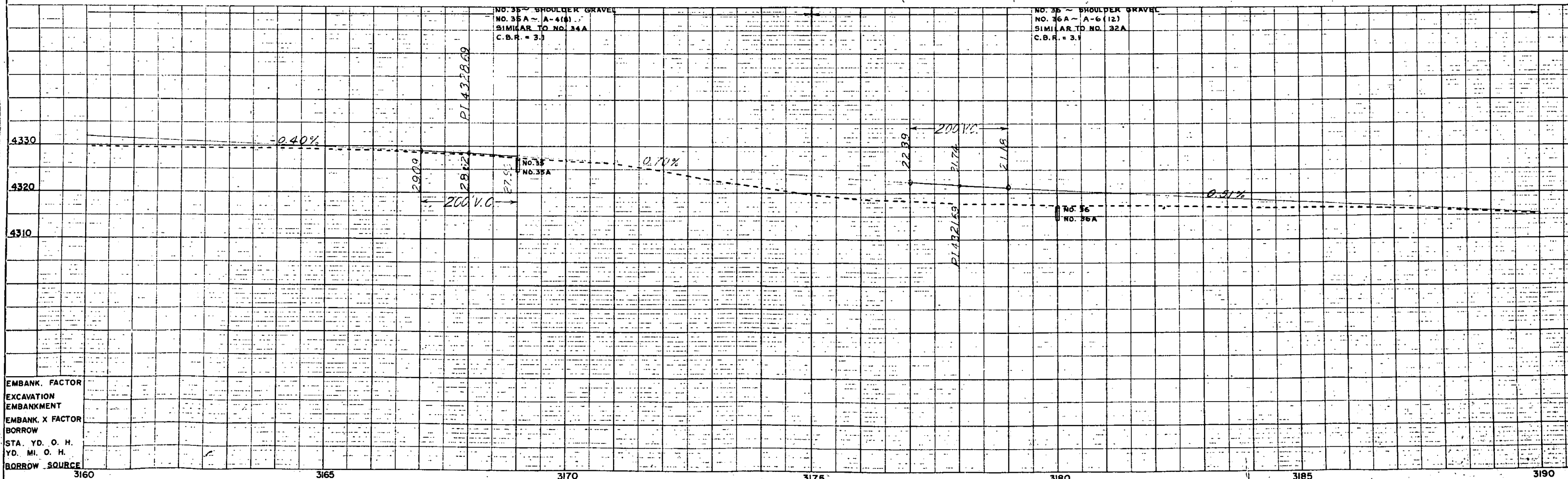
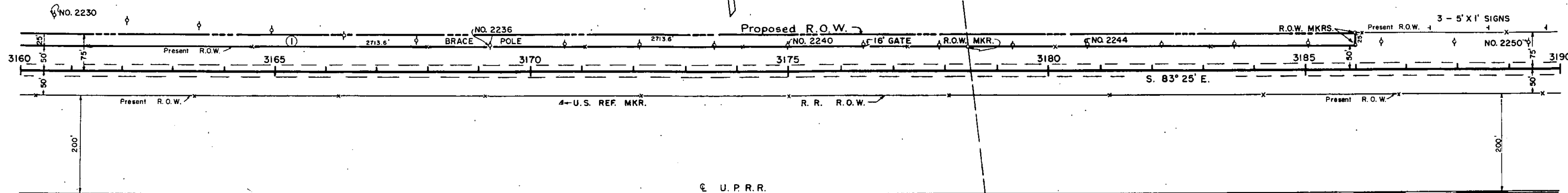
RIGHT OF WAY

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEET
9	COLD	FO17-3 (8)	5	

S.E. 1/4 Sec. I
T. 15 S., R. 49 W.

REVISIONS

NO.	DESCRIPTION



EMBANK. FACTOR
EXCAVATION
EMBANKMENT
EMBANK. X FACTOR
BORROW
STA. YD. O. H.
YD. MI. O. H.
BORROW SOURCE

S.E. 1/4 Sec. 1
T. 15 S., R. 49 W.

S.W. 1/4 Sec. 6
T. 15 S., R. 48 W.

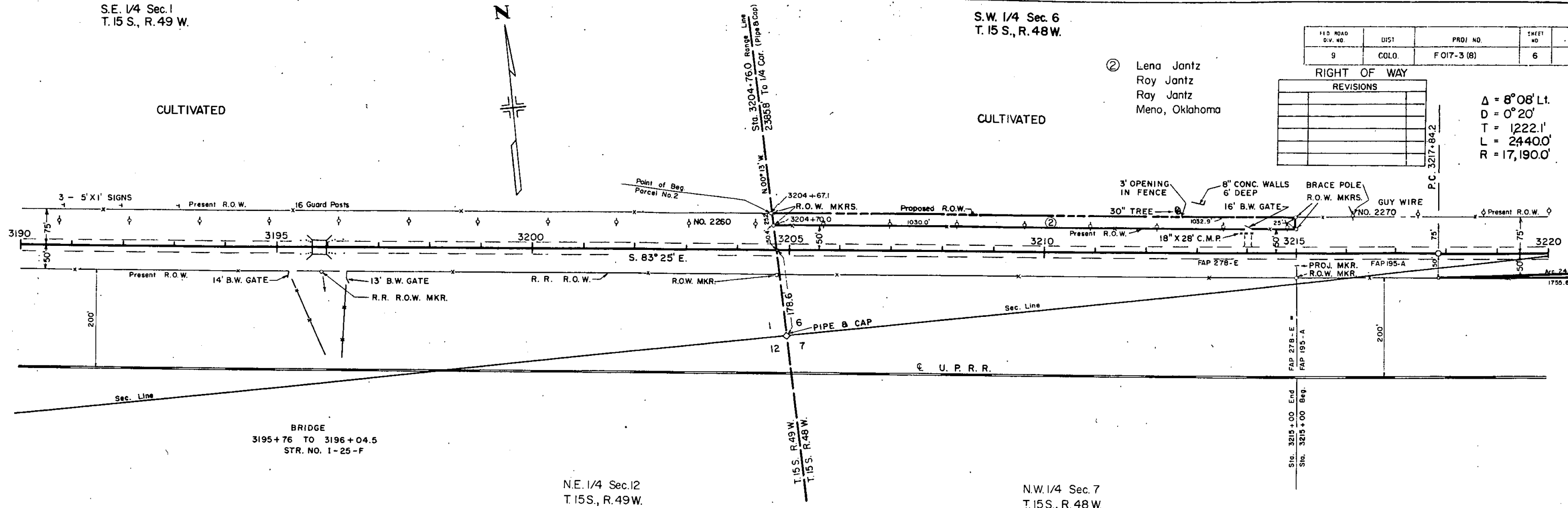
FILE NO.	DIST.	PROJ. NO.	SHEET NO.	IN.
9	COLO.	F 017-3 (8)	6	SH

RIGHT OF WAY

REVISIONS

$\Delta = 8^{\circ}08' Lt.$
 $D = 0^{\circ}20'$
 $T = 1222.1'$
 $L = 2440.0'$
 $R = 17,190.0'$

② Lena Jantz
Roy Jantz
Ray Jantz
Meno, Oklahoma

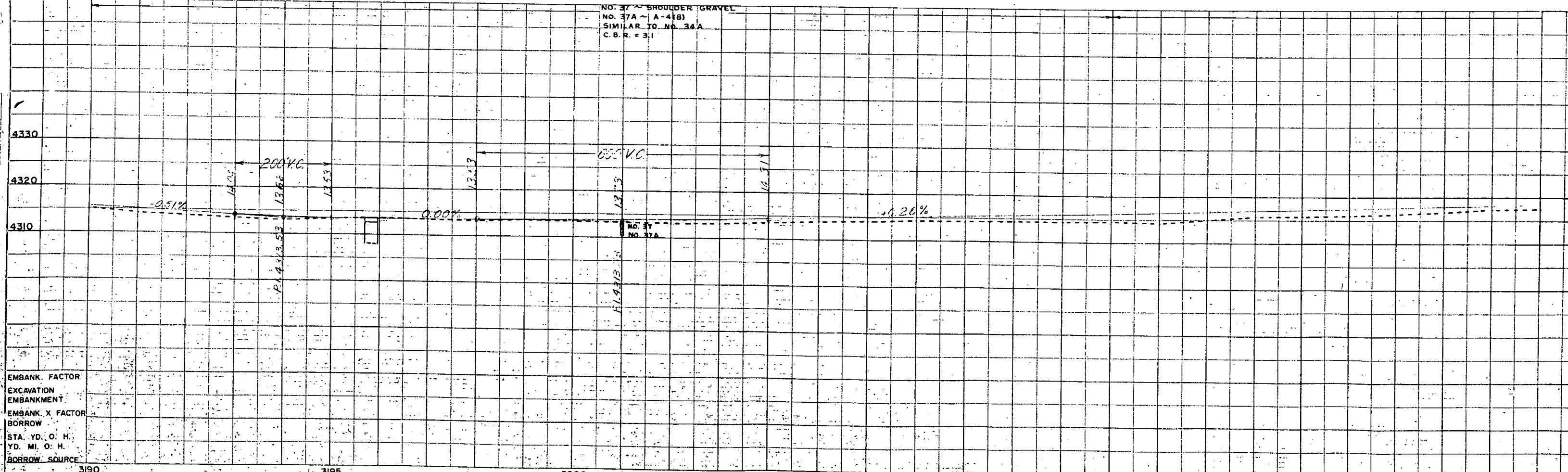


BRIDGE
3195+76 TO 3196+04.5
STR. NO. 1-25-F

N.E. 1/4 Sec. 12
T. 15 S., R. 49 W.

N.W. 1/4 Sec. 7
T. 15 S., R. 48 W.

NO. 37 SHOULDER GRAVEL
NO. 37A ~ A-4(B)
SIMILAR TO NO. 34A
C.B.R. = 3.1



EMBANK. FACTOR
EXCAVATION
EMBANKMENT
EMBANK. X FACTOR
BORROW
STA. YD. O. H.
YD. MI. O. H.
BORROW SOURCE

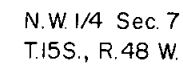
③ Mary Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

RED ROAD CIV NO	DIST.	PROJ. NO.	SHEET #J
9	COLORADO	F 017-3(8)	7

RIGHT OF WAY

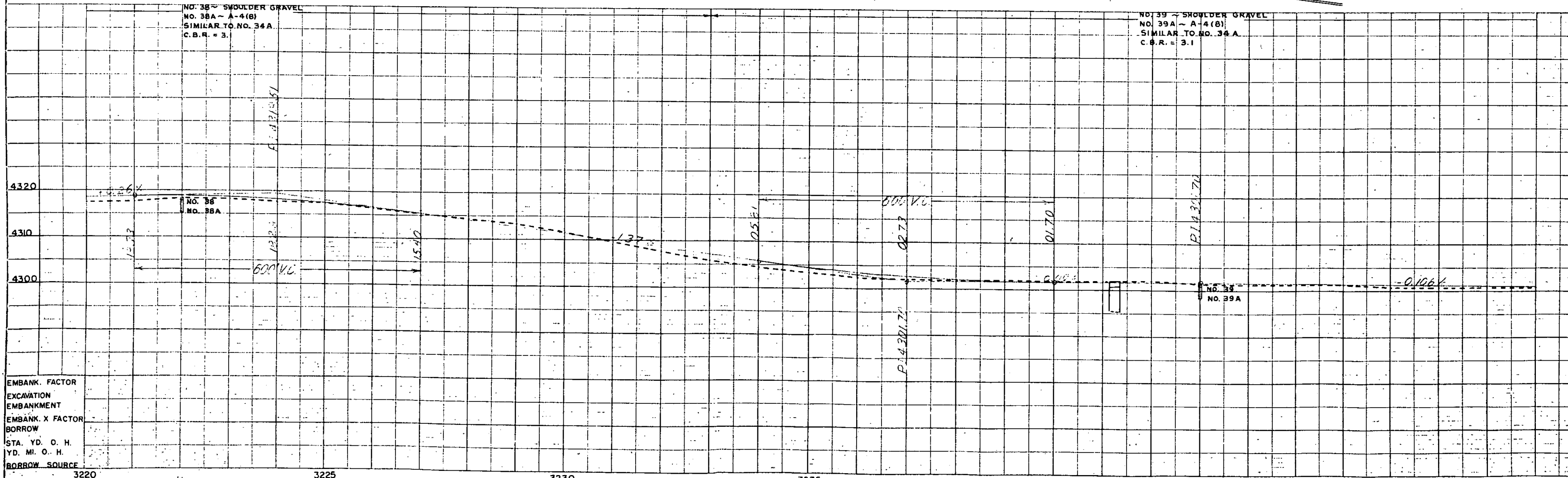
REVISION

CULTIVATED



N.E.1/4 Sec.7
T.15S., R.48W.

NO. 39 ~ SHOULDER GRAVEL	
NO. 39A ~ A-4(8)	
SIMILAR TO NO. 34 A	
C.B.R. = 3.1	

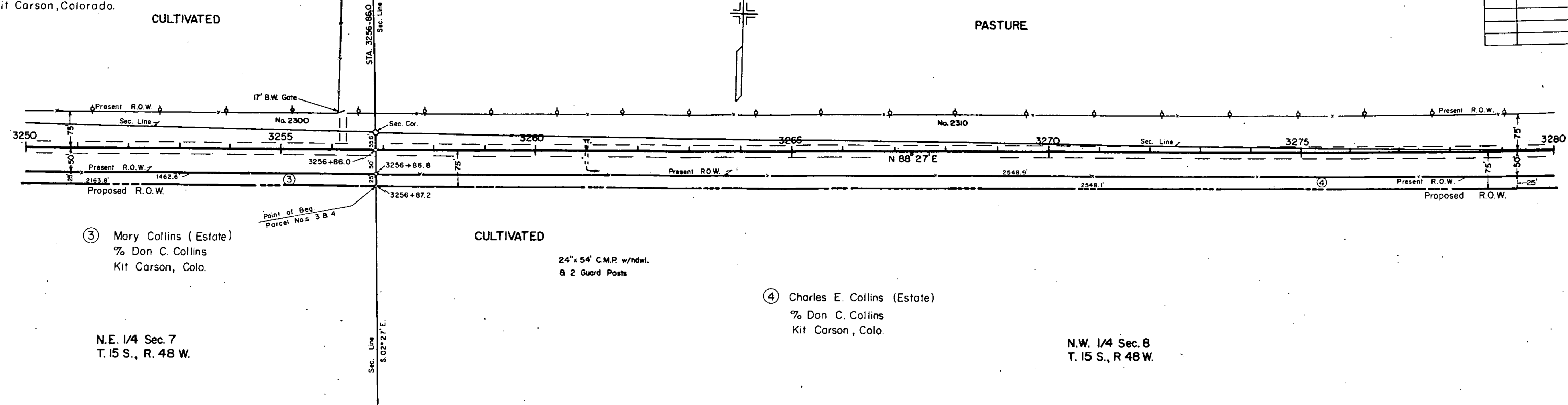


[illegible]

Mary Collins (Estate)
c/o Don C. Collins
Kit Carson, Colorado.

CULTIVATED

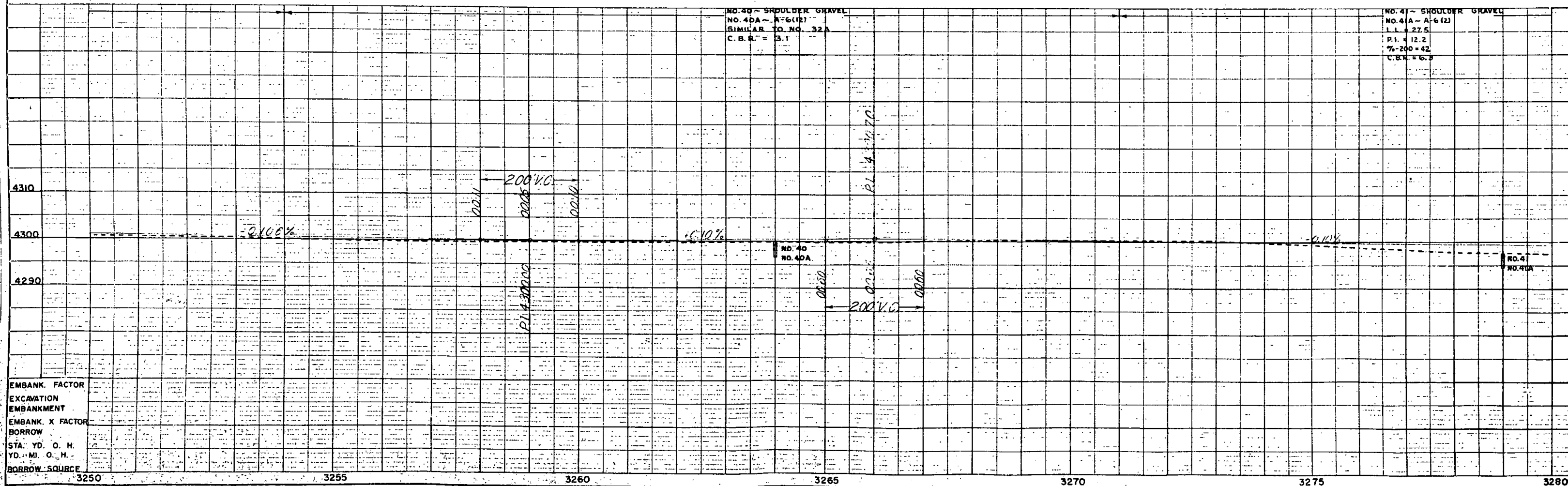
PASTURE



N.E. 1/4 Sec. 7
T. 15 S., R. 48 W.

④ Charles E. Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

N.W. 1/4 Sec. 8
T. 15 S., R 48 W.



SURVEYED
PLOTTED
CHECKED
BY
DATE

DATE
BY
PROFILE
NOTE BOOK
NO.

EMB. FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. OVERHAUL
YD. MI. OVERHAUL
BORROW
BORROW SOURCE

PRICE

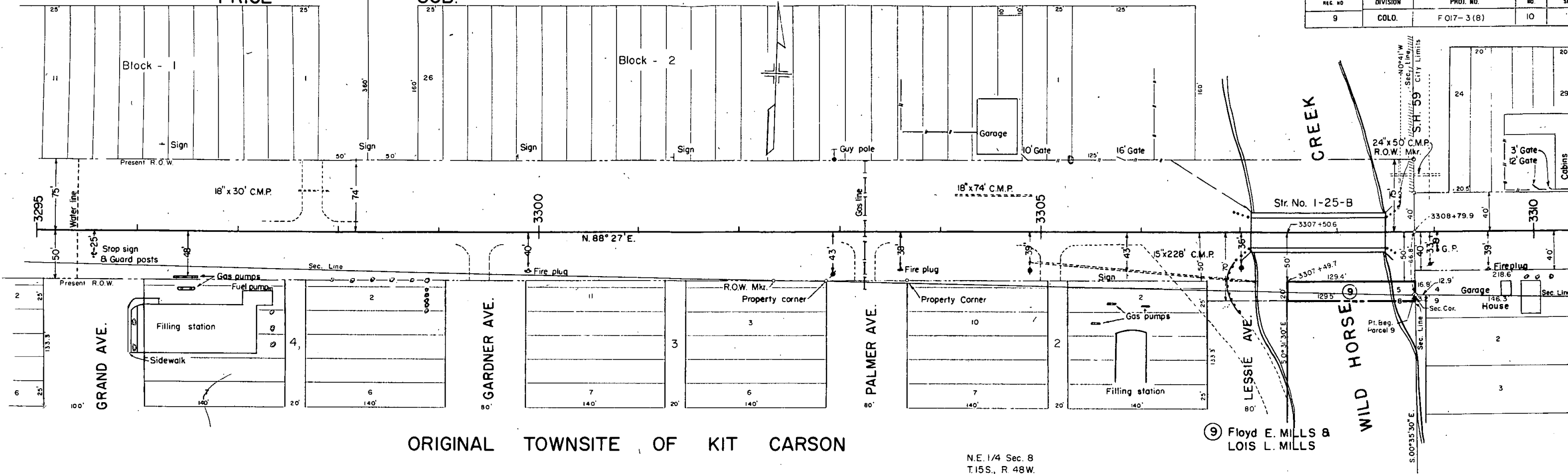
SUB.

S.E. 1/4 Sec. 5
T.15 S., R.48 W.

N

RIGHT OF WAY

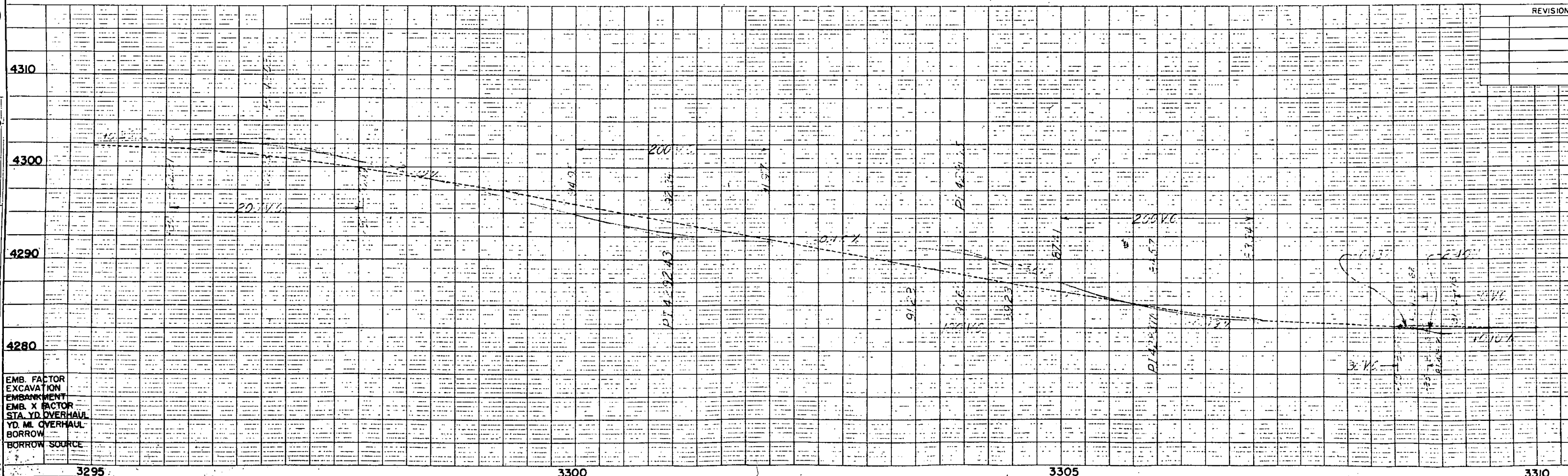
FED. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TO SHEET
9	COLO.	F 017-3 (8)	10	



ORIGINAL TOWNSITE OF KIT CARSON

N.E. 1/4 Sec. 8
T.15 S., R. 48 W.

⑨ Floyd E. MILLS &
LOIS L. MILLS



3295

3300

3305

3310

DATE
BY
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.

DATE
BY
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.

EMB. FACTOR
EXCAVATION
EMBANKMENT
EMB. X FACTOR
STA. YD. OVERHAUL
YD. MI. OVERHAUL
BORROW
BORROW SOURCE

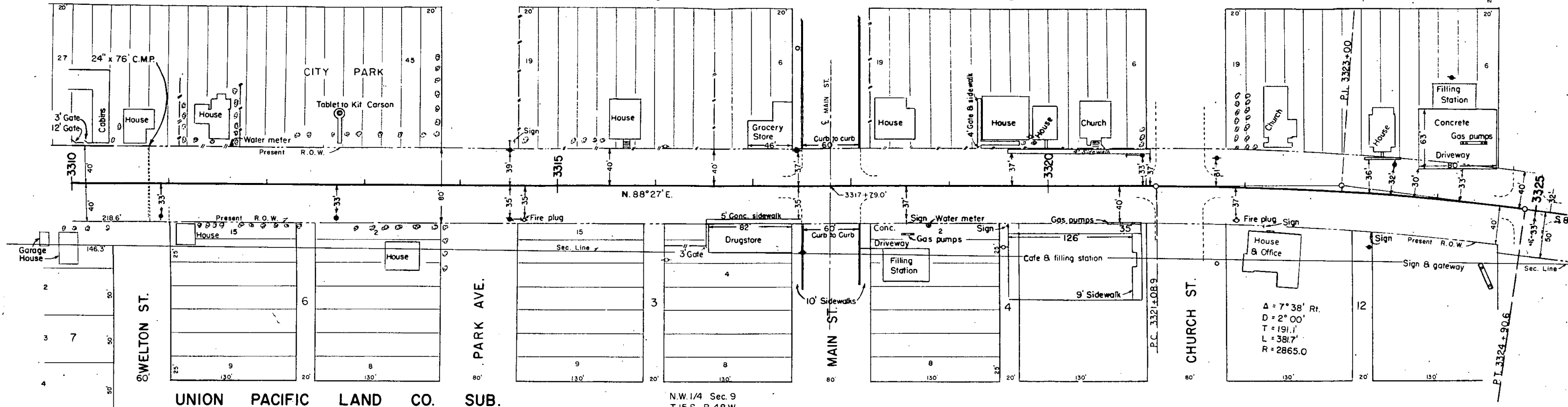
WOLFE'S ADD. TO TOWN OF KIT

CARSON

SW 1/4 Sec. 4
T.15S, R.48W

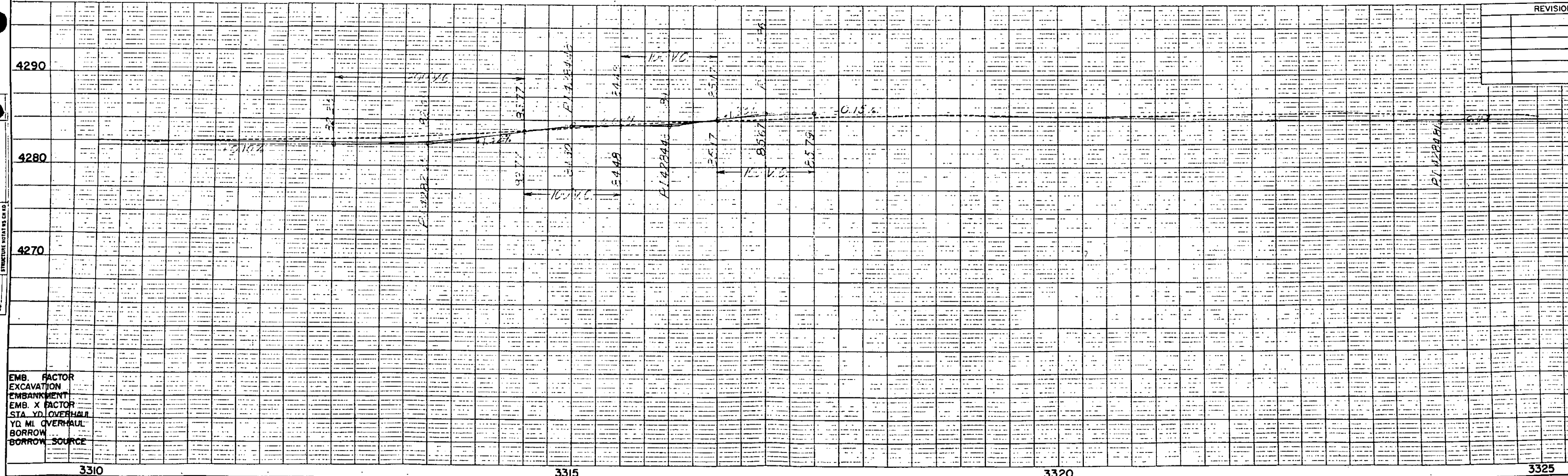
RIGHT OF WAY

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TO SHEET
9	COLO.	F 017-3(8)	11	



UNION PACIFIC LAND CO. SUB.

N.W. 1/4 Sec. 9
T.15S, R.48W

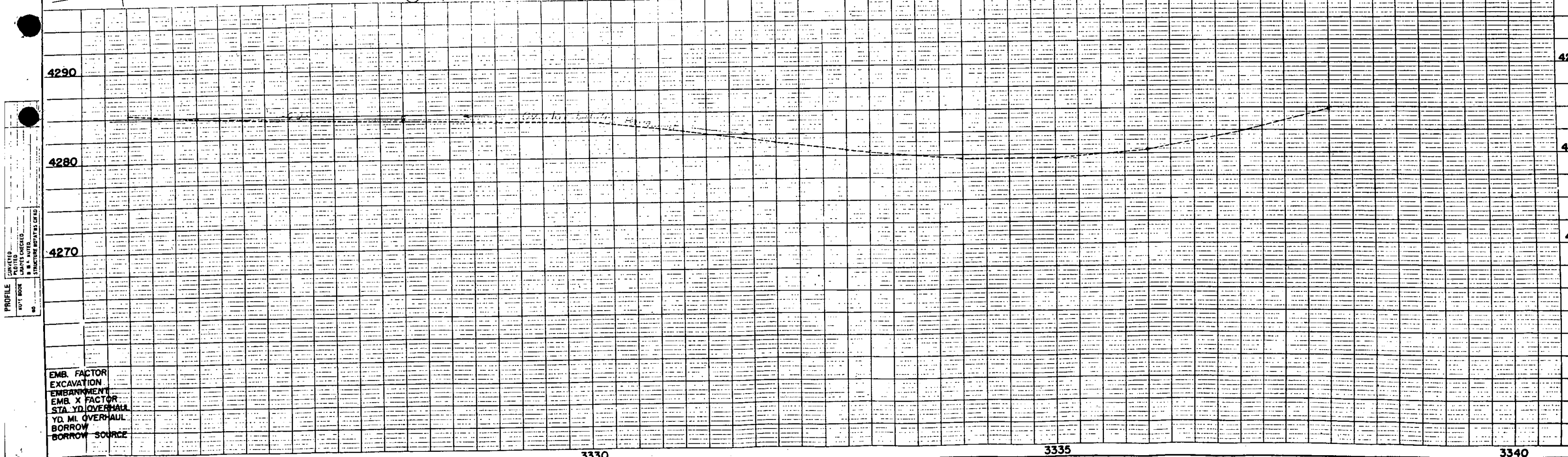
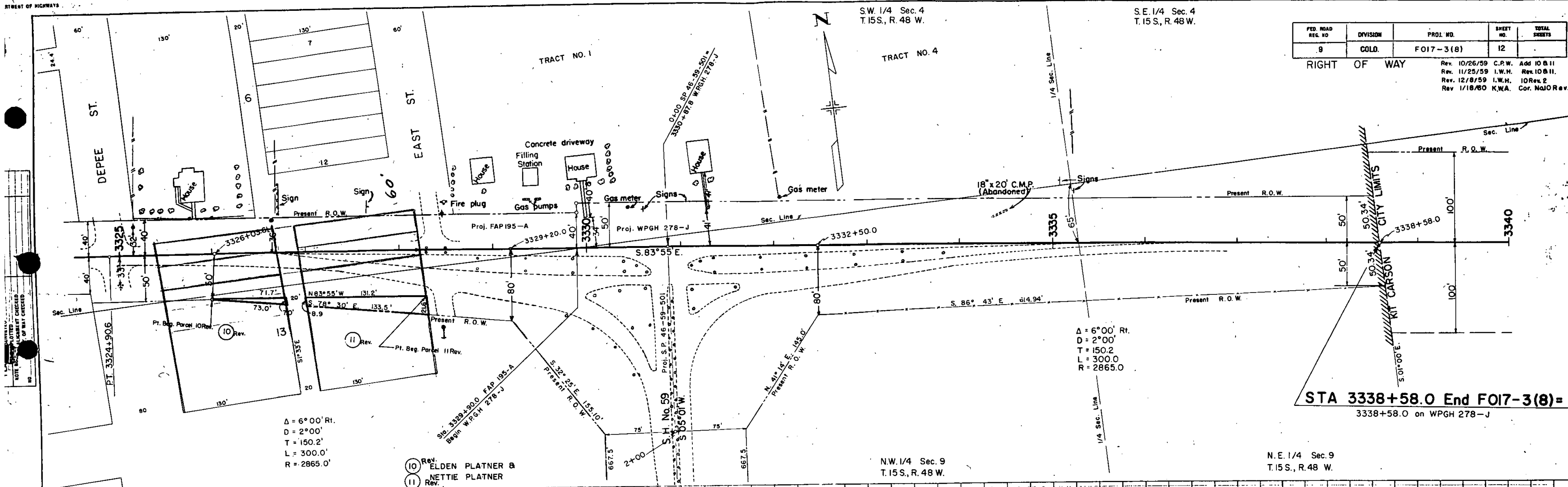


REVISIONS

FED. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLD.	F017-3(8)	12	-

RIGHT OF WAY

Rev. 10/26/59 C.R.W. Add 10B.11
 Rev. 11/25/59 I.W.H. Rev. 10B.11.
 Rev. 12/8/59 I.W.H. 10Rev.2
 Rev. 1/18/60 K.W.A. Cor. No.10 Rev



FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TC SH
9	COLORADO	F 017-3(8)	13	
RIGHT OF WAY				REVISIONS

Note: R.O.W. in Sec. 2
T.15 S., R. 49 W. was
Purchased on Proj. DF 017-3(7)

(E1) Don C. Collins

$\Delta = 13^{\circ}14'$ Lt.
 $D = 1^{\circ}00'$
 $T = 664.7'$
 $L = 1323.3'$
 $R = 5730.0'$

(1) W.1/2 Sec.1
T.15 S., R. 49 W.
Clara Hester Prosser
Star Route
Bovina, Texas
Except:
Highway & Railroad R.O.W.

(1) E.1/2 Sec.1
T.15 S., R. 49 W.
Clara Hester Prosser
Star Route
Bovina, Texas
Except:
Highway & Railroad R.O.W.

N.E.1/4 Sec.12
T.15 S., R. 49 W.
Mary Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

N.W.1/4 Sec.12
T.15 S., R. 49 W.
Charles E. Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

PRELIMINARY OWNERSHIP MAP
FOR THAT PART OF
T.15 S., R.48 & 49 W., CHEYENNE COUNTY
FOR PROJECT CS 46-0008-17
DATE: 6-15-59 SCALE: 1" = 200'

- NOTE -
Recommended Minimum Right Of Way For This Project
is _____, Each Side Of Project Center Line.

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLORADO	F017-3(8)	14

RIGHT OF WAY

REVISIONS

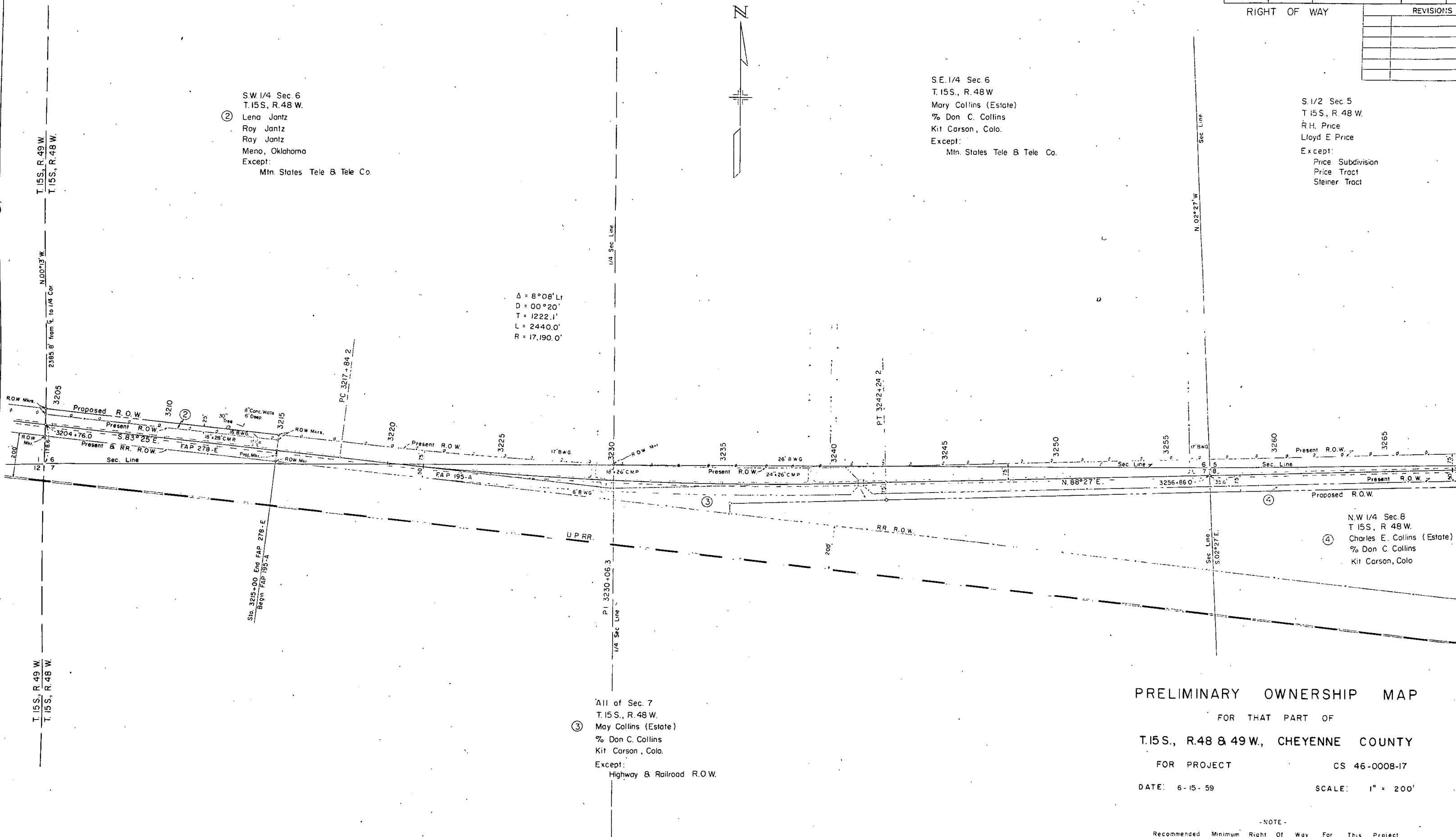
SW 1/4 Sec. 6
T.15S., R.48 W.
② Lena Jantz
Roy Jantz
Ray Jantz
Meno, Oklahoma
Except:
Mtn. States Tele & Tele Co.

SE 1/4 Sec. 6
T.15S., R.48 W.
Mary Collins (Estate)
% Don C. Collins
Kit Carson, Colo.
Except:
Mtn. States Tele & Tele Co.

S. 1/2 Sec. 5
T.15S., R.48 W.
R.H. Price
Lloyd E Price
Except:
Price Subdivision
Price Tract
Steiner Tract

N.W. 1/4 Sec. 8
T.15S., R.48 W.
④ Charles E. Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

$\Delta = 8^{\circ}08' Lt$
 $D = 00^{\circ}20'$
 $T = 1222.1'$
 $L = 2440.0'$
 $R = 17,190.0'$



③ All of Sec. 7
T.15S., R.48 W.
May Collins (Estate)
% Don C. Collins
Kit Carson, Colo.
Except:
Highway & Railroad R.O.W.

PRELIMINARY OWNERSHIP MAP

FOR THAT PART OF

T.15S., R.48 & 49 W., CHEYENNE COUNTY

FOR PROJECT

CS 46-0008-17

DATE: 6-15-59

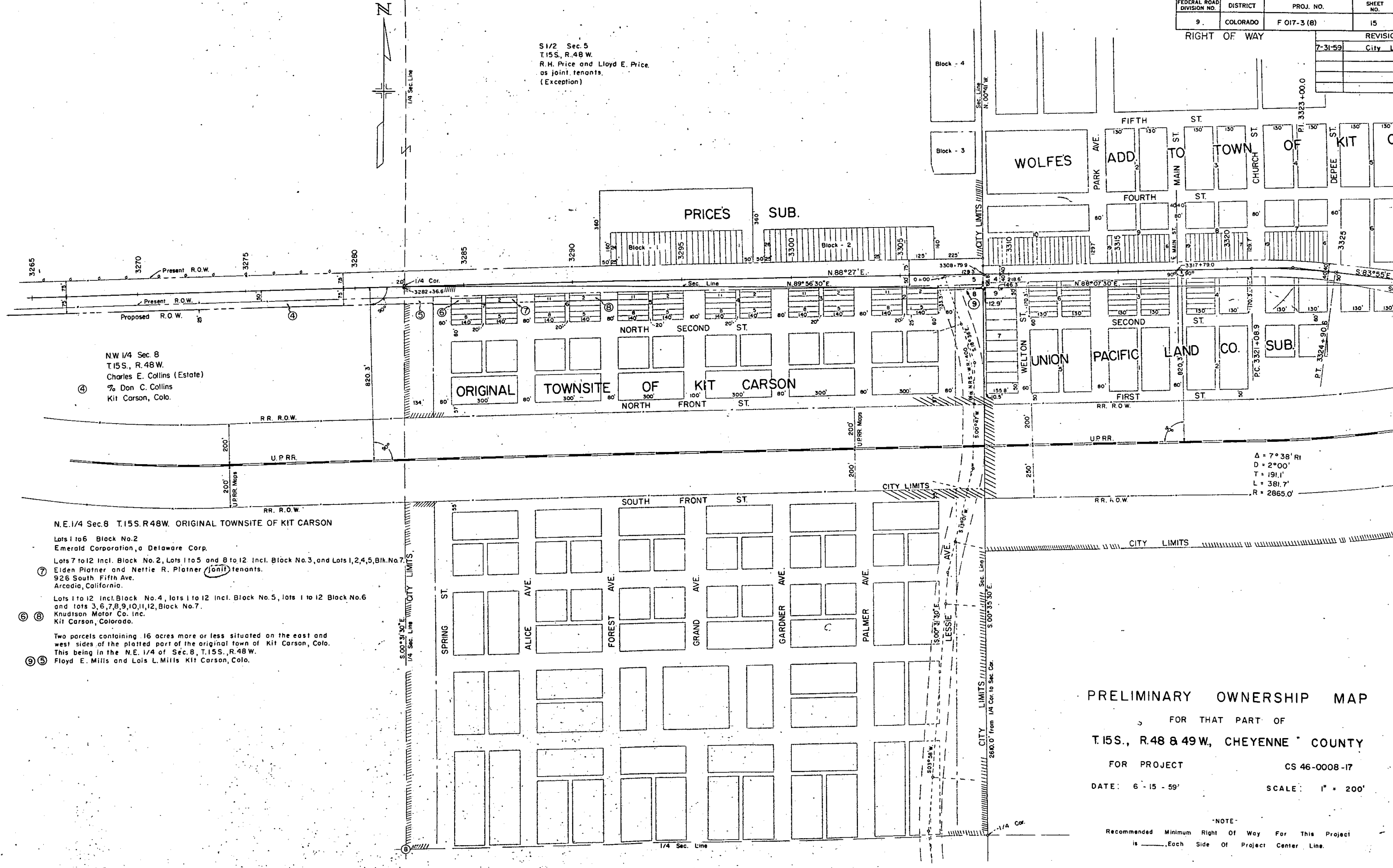
SCALE: 1" = 200'

-NOTE-

Recommended Minimum Right Of Way For This Project
is _____, Each Side Of Project Center Line.

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.
9.	COLORADO	F 017-3 (8)	15
RIGHT OF WAY			REVISION
			7-31-59 City L

S1/2 Sec. 5
T.15S., R.48W.
R.H. Price and Lloyd E. Price,
as joint tenants.
(Exception)



NW 1/4 Sec. 8
T.15S., R.48W.
Charles E. Collins (Estate)
% Don C. Collins
Kit Carson, Colo.

N.E. 1/4 Sec. 8 T.15S. R.48W. ORIGINAL TOWNSITE OF KIT CARSON

Lots 1 to 6 Block No. 2
Emerald Corporation, a Delaware Corp.

Lots 7 to 12 Incl. Block No. 2, Lots 1 to 5 and 8 to 12 Incl. Block No. 3, and Lots 1, 2, 4, 5, Block No. 7
Elden Platner and Nettie R. Platner (joint) tenants.
926 South Fifth Ave.
Arcadia, California.

Lots 1 to 12 Incl. Block No. 4, lots 1 to 12 Incl. Block No. 5, lots 1 to 12 Block No. 6
and lots 3, 6, 7, 8, 9, 10, 11, 12, Block No. 7.
Knudson Motor Co. Inc.
Kit Carson, Colorado.

Two parcels containing 16 acres more or less situated on the east and
west sides of the platted part of the original town of Kit Carson, Colo.
This being in the N.E. 1/4 of Sec. 8, T.15S., R.48W.
Floyd E. Mills and Lois L. Mills Kit Carson, Colo.

$\Delta = 7^{\circ}38'11''$
 $D = 2^{\circ}00'$
 $T = 191.1'$
 $L = 381.7'$
 $R = 2865.0'$

PRELIMINARY OWNERSHIP MAP

FOR THAT PART OF
T.15S., R.48 & 49W., CHEYENNE COUNTY

FOR PROJECT CS 46-0008-17

DATE: 6-15-59 SCALE: 1" = 200'

NOTE:
Recommended Minimum Right Of Way For This Project
is _____ Each Side Of Project Center Line.

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 017-3(B)	16	

RIGHT OF WAY

REVISIONS		
7-31-59	City Limits	BRM
10/26/59	Added 10 B. II	C.P.W.
11/25/59	Rev. 10 B. II	L.W.H.

$\Delta = 30^{\circ}08' \text{ Lt.}$
 $D = 5^{\circ}00'$
 $T = 308.5'$
 $L = 602.7'$
 $R = 1146.0'$

$PI. 3349+87.9$

PRELIMINARY OWNERSHIP MAP

FOR THAT PART OF

T.15S., R.48 & 49W., CHEYENNE COUNTY

FOR PROJECT

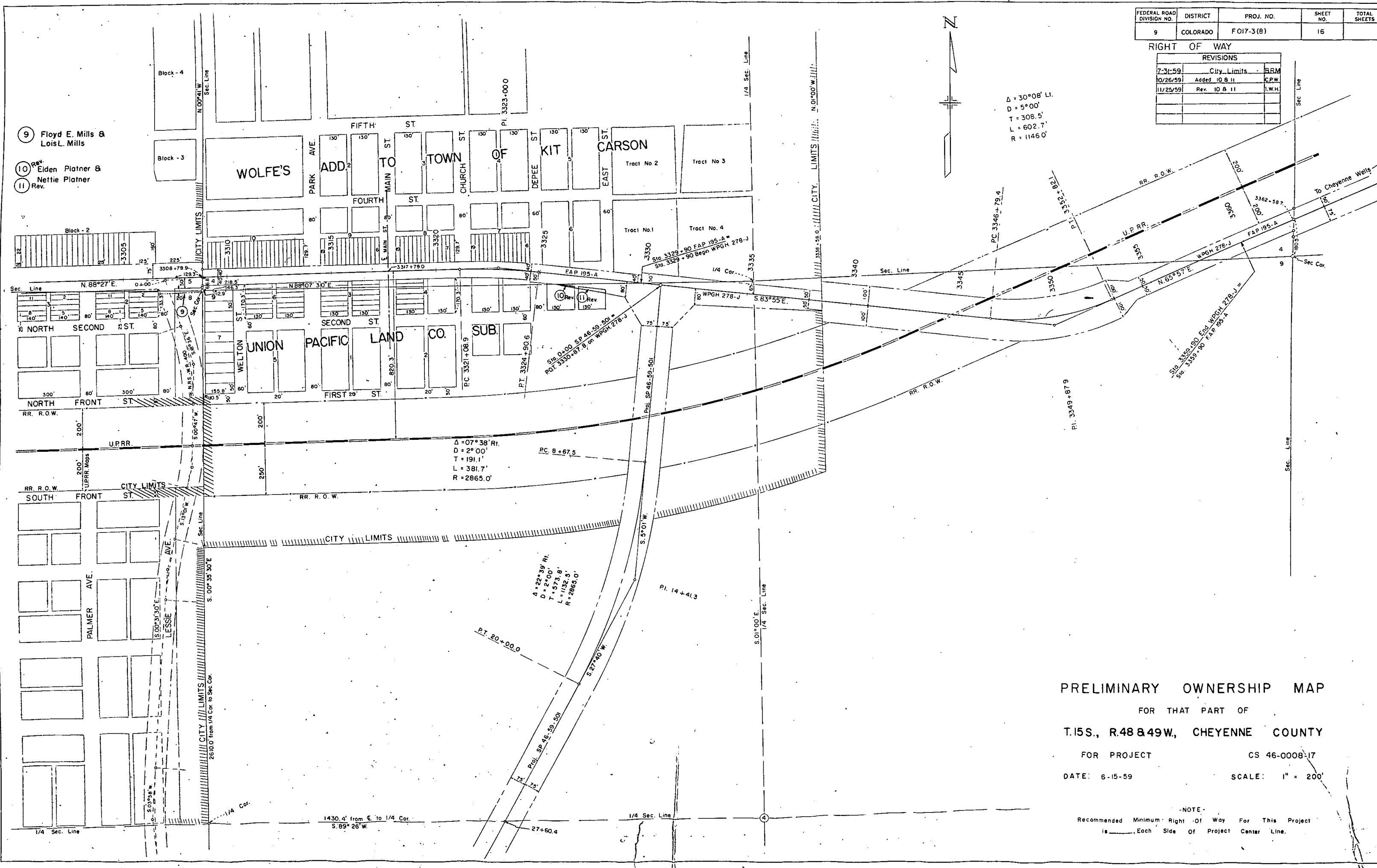
CS 46-0008-17

DATE: 6-15-59

SCALE: 1" = 200'

NOTE

Recommended Minimum Right of Way For This Project
is _____ Each Side Of Project Center Line.



FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLORADO	F 017 - 3(8)	5

TIMBER GUARD POSTS

RDWY WIDTH	STATION	SIDE	SPACING	RESET GUARD POSTS	REMOVE GUARD POSTS
				Each	Each
24'	3132 + 74		Culvert	2	
24'	3158 + 20		Culvert	2	
24'	3195 +		Bridge	16	
24'	3241 +		Bridge	16	
24'	3261 + 00		Culvert	2	
48'	3288 + 00		Culvert	2	
48'	3295 + 60.6	Rt.			3
48'	3307 + 11	Lt.	Bridge	4	6
48'	3308 +	Rt. & Lt.			11
48'	3309 +	Rt.			1
48'	3325	Rt.			3
48'	3327 + - 3333 +	Rt.	Intersection	11	57
TOTAL (24' Rdwy)				38	
TOTAL (48' Rdwy)				17	81

FENCING REQUIREMENTS

RDWY WIDTH	STATION	SIDE	REMOVE FENCE	BUILD B.W. FENCE	B.W. GATES	REM. & REBUILD WIRE CABLE GUARD FENCE
			Lin. Ft.	Lin. Ft.	Each	Lin. Ft.
24'	3100 + 00 - 3287 + 50	Lt.	19,050			
24'	3220 + 00 - 3287 + 50	Rt.	6,750			
48'	3287 + 50 - 3291 + 00	Lt.	450			
48'	3287 + 50 - 3288 + 00	Rt.	50			
48'	3332 + 45 - 3333 + 17.9	Rt.	73			
24'	3333 + 17.9 - 3338 + 58.0	Rt.	540			
24'	3100 + 00 - 3235 + 30	Lt.		13,530		
24'	3235 + 30 - 3287 + 50	Rt. & Lt.		10,590		
24'	3176 + 50	Lt.			1	
24'	3204 + 00	Lt.			1	
24'	3205 + 00	Lt.			1	
24'	3229 + 25	Lt.			1	
24'	3239 + 02	Lt.			1	
24'	3256 + 20	Lt.			1	
48'	3325 + 20 - 3330 + 10	Rt.		660		
48'	3328 + 32.8	Rt.			1	
48'	3331 + 60 - 3333 + 17.9	Rt.		330		
24'	3333 + 17.9 - 3338 + 58	Rt.		540		
24'	3335 + 00 - 3343 + 10	Rt. & Lt.				1,620
TOTALS (24' Rdwy)			26,340	24,660	6	1,620
TOTALS (48' Rdwy)			573	990	1	

ASPHALTIC SHOULDER ROLL

RDWY WIDTH	STATION	SIDE	*SHOULDER ROLL
			Lin. Ft.
24'	3130 + 00 - 3140 + 00	Rt. & Lt.	2,000
24'	3235 + 00 - 3241 + 12	Rt. & Lt.	1,224
24'	3337 + 00 - 3343 + 00	Rt. & Lt.	1,200
TOTALS (24' Rdwy)			4,424

* To Be Constructed of Bottom Layer Asphaltic Material.
† Equal to 66 Tons.

R. O. W. MARKERS

RDWY WIDTH	STATION	SIDE	REMOVE R.O.W. MARKERS	REQUIRED R.O.W. MARKERS	RDWY WIDTH	STATION	SIDE	REMOVE R.O.W. MARKERS	REQUIRED R.O.W. MARKERS
			Each	Each				Each	Each
24'	3115 + 00	Lt.		1	24'	3200 + 00	Lt.		1
24'	3124 + 70	Lt.	1		24'	3204 + 76	Lt.	2	
24'	3127 + 00	Lt.	2	1	24'	3215 + 00	Lt.	2	
24'	3132 + 00	Lt.	1		24'	3217 + 84.2 P.C.	Lt.		1
24'	3145 + 63.1 P.C.	Lt.		1	24'	3230 +	Lt.	1	
24'	3152 + 00	Lt.	1		24'	3242 + 24.2 P.T.	Lt.		2
24'	3158 + 86.4 P.T.	Lt.		1	24'	3255 + 00	Lt.		1
24'	3170 + 00	Lt.		1	24'	3270 + 00	Rt.		1
24'	3185 + 00	Lt.		1	24'	3282 + 36.6	Rt. & Lt.	2	
24'	3186 + 00	Lt.	2		24'	3285 + 00	Lt.		1
TOTALS (24' Rdwy)					TOTALS (24' Rdwy)			14	13

SUMMARY OF EARTHWORK QUANTITIES

	ROADWAY WIDTH	
	24'	48'
EXCAVATION		
From Cross Sections	36,127✓	10,162✓
Est. for Subsidence	3,613✓	1,016✓
List of Structures as Excavation	6,410✓	110✓
List of Structures as Embankment	595✓	35✓
Est. of Cut Slope Treatment	115✓	5✓
TOTALS (Cu. Yds.)	46,860✓	11,328✓
EXCAVATION		
From Cross Sections	36,127✓	10,162✓
Excess	-2,949✓	
Totals (Cu. Yds.)	33,178✓	10,162✓
EMBANKMENT		
From Cross Sections	29,732✓	3,606✓
EMBANKMENT x FACTOR (Cu. Yds.)	38,651✓	4,689✓
STATION YARD OVERHAUL		
From Mass Diagram	267,100✓	19,503✓
Est. for Subsidence	26,710✓	1,950✓
Est. for Structure Backfill	1,155✓	539✓
TOTALS (Sta. Yds.)	294,965✓	21,992✓
YARD MILE OVERHAUL		
From Mass Diagram	19,663✓	169✓
Est. for Subsidence	1,966✓	17✓
Est. for Structure Backfill	80✓	37✓
TOTALS (Yd. Miles)	21,709✓	223✓
UNCLASSIFIED DITCH EXCAVATION		
Intercepting Ditches		
STATION	SIDE	ROADWAY WIDTH
		24' 48'
		— —
Sub-Totals		— —
From List of Structures		— 10✓
TOTALS (Cu. Yd.)		— 10✓
COMPACTION (Standard)		ROADWAY WIDTH
		24' 48'
Total Unclassified Excavation		46,860✓ 11,328✓
Base of Cuts & Fills		47,010✓ 14,850✓
TOTALS (Cu. Yd.)		93,870✓ 26,178✓