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COLORADO DEPARTMENT OF HIGHWAYS PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F001-1(2) STATE HIGHWAY NO. 4 MESA COUNTY

SCALES
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

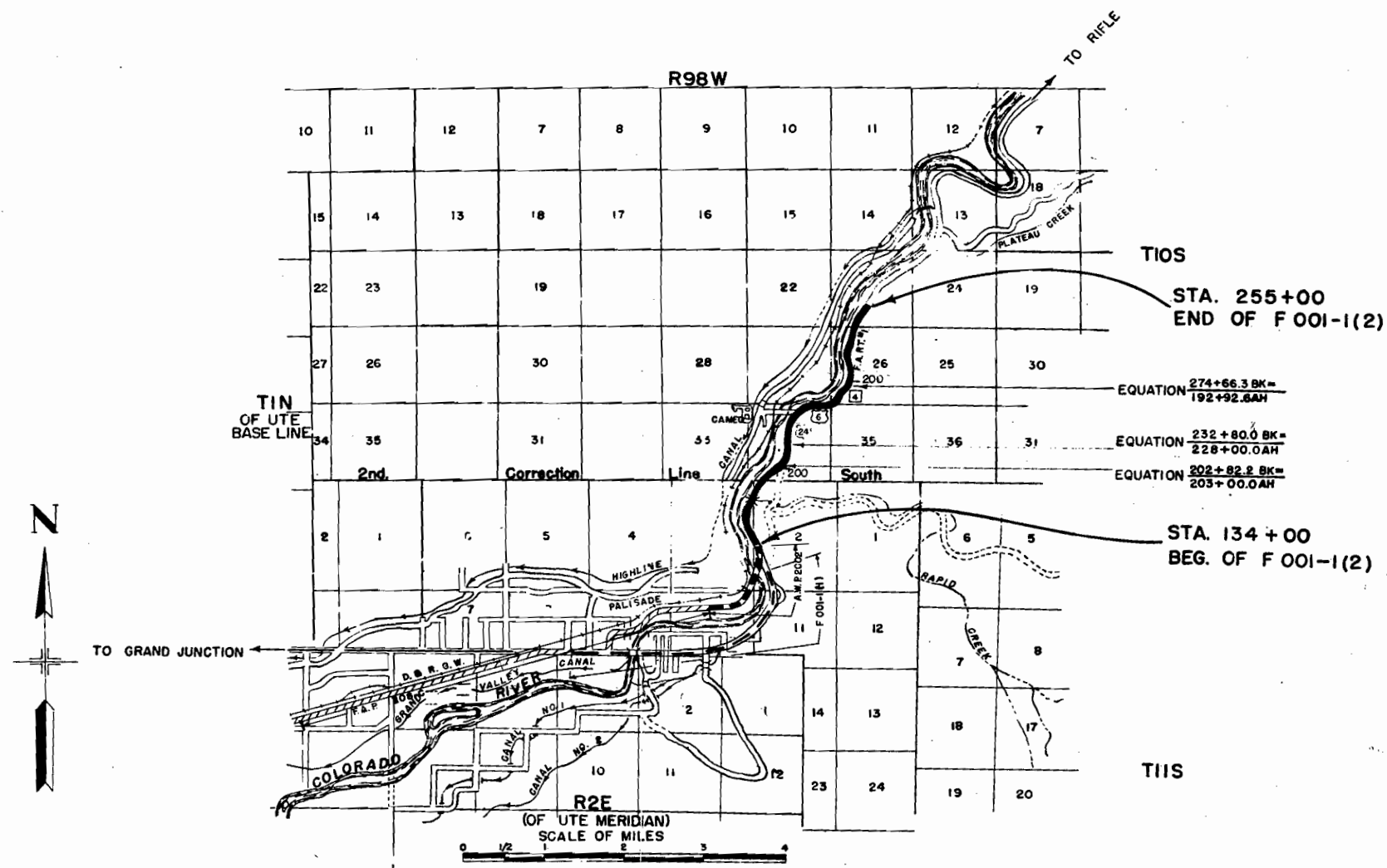
RIGHT OF WAY

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.
9	COLO.	F 001-1(2)	1

RIGHT OF WAY Rev. 4-8-53 S.W.Z.

CONVENTIONAL SIGNS

CENTER LINE
RIGHT OF WAY LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE T. 10 S., R. 98 W.
SECTION LINE T. 11 S., R. 98 W.
QUARTER SECTION LINE
SIXTEENTH SECTION LINE
RAILROAD
BARBED WIRE FENCE
WOVEN WIRE - COMBINATION FENCE
TELEPH. & TELEG. LINE
POWER LINE
PRESENT ROAD (PLAN SHEETS)



TYPICAL SECTIONS

SECTION A

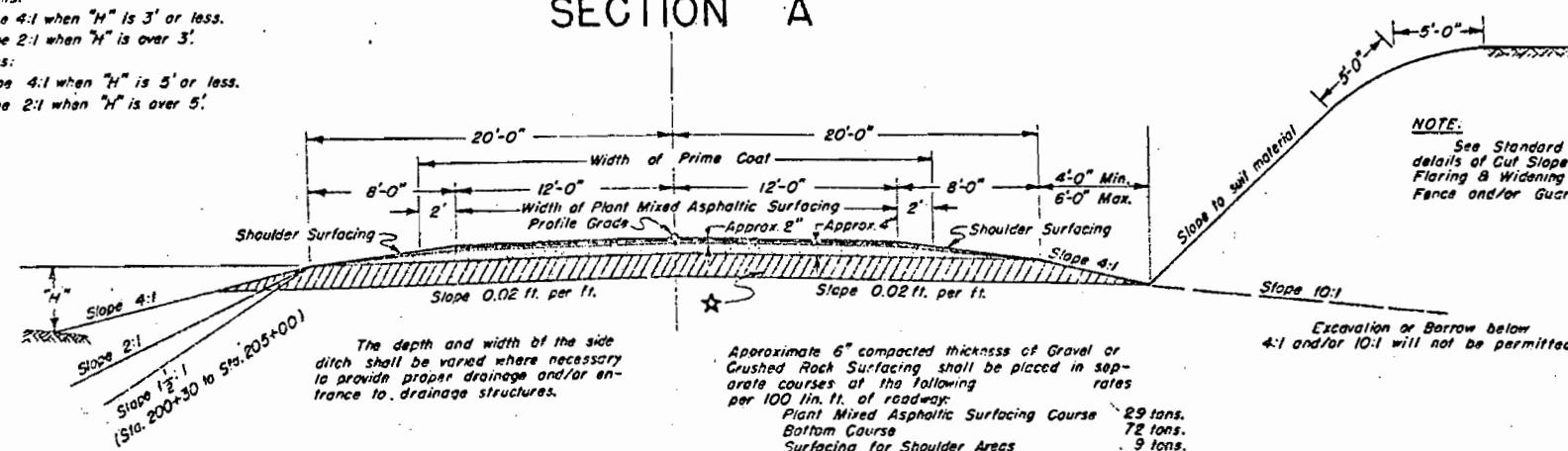
FILL SLOPES

On Tangents:

Slope 4:1 when "H" is 3' or less.
Slope 2:1 when "H" is over 3'.

On Curves:

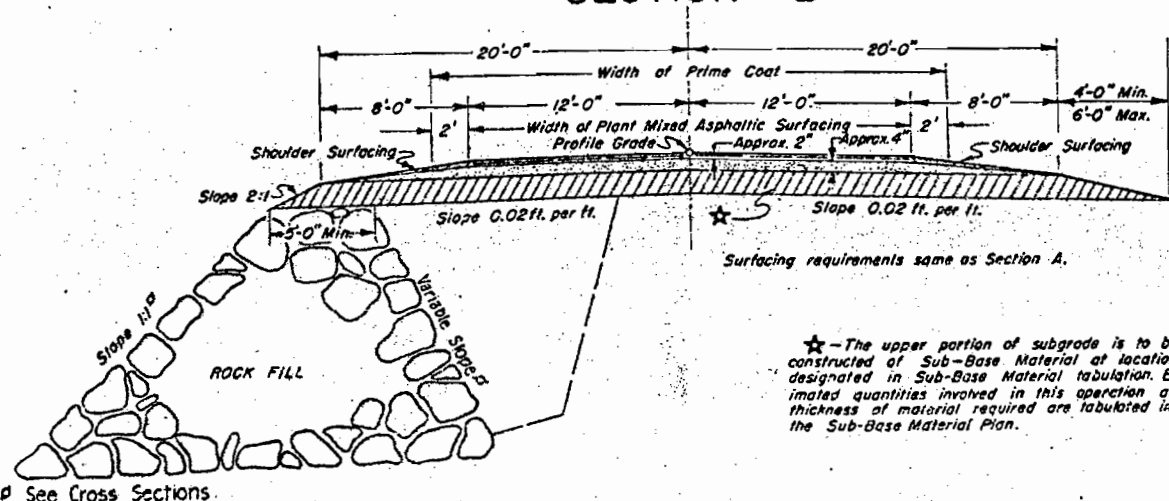
Slope 4:1 when "H" is 5' or less.
Slope 2:1 when "H" is over 5'.

[illegible]

NOTE:
See Standard M-2-DM for
details of Cut Slope Treatment,
Flaring & Widening for Guard
Fence and/or Guard Posts.

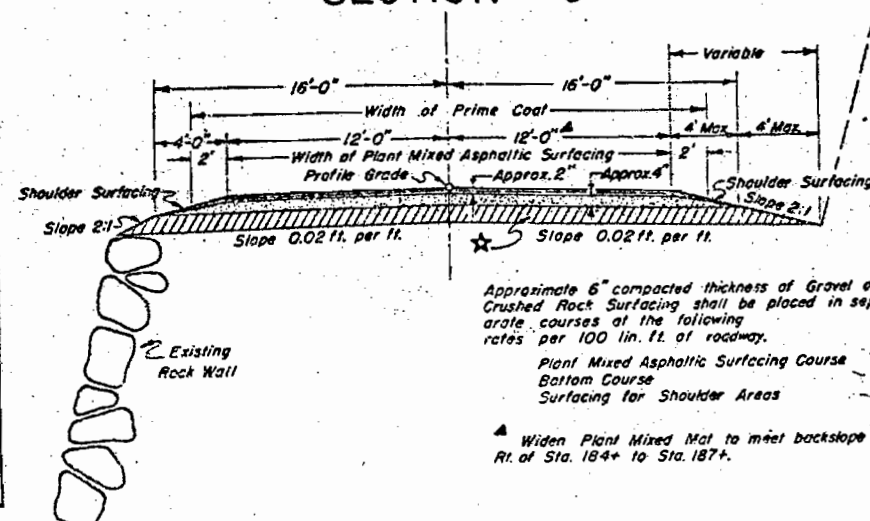
Excavation or Barrow below
4:1 and/or 10:1 will not be permitted

SECTION B



See Cross Sections

SECTION C

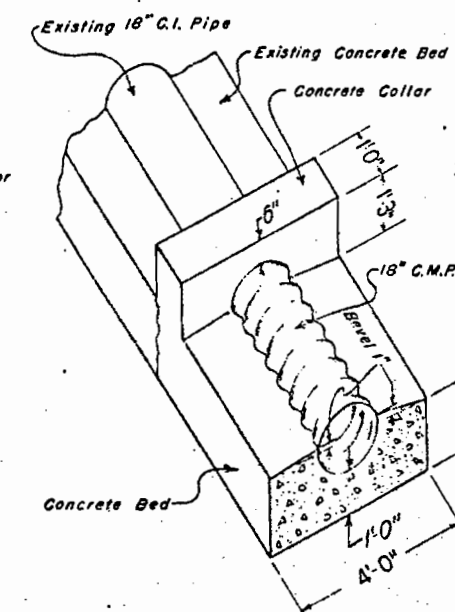


Approximate 6" compacted thickness of Gravel or Crushed Rock Surfacing shall be placed in separate courses at the following rates per 100 lin. ft. of roadway.

Plant Mixed Asphaltic Surfacing Course	29 tons.
Bottom Course	63 tons.
Surfacing for Shoulder Areas	3 tons.

▲ *Widen Plant Mixed Mat to meet backslope
Rt. of Sta. 184+ to Sta. 187+.*

DETAIL OF
18" C.I. PIPE EXTENSION
STA. 154 + 67



FENCING REQUIREMENTS

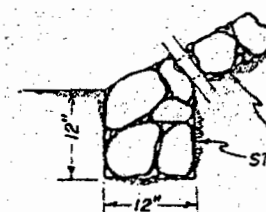
STATION	SIDE	REMOVE	# REMOVE & REBUILD
		LIN FT.	LIN FT.
164+60 to 171+50	LI	625	
265+50 to 273+60	LI		710
201+30 to 205+50	LI		400
170+50 to 177+00	RI		640
250+80 to 255+00	LI		500
TOTALS		625	2250

* Estimated 60 new Line Posts

R.O.W. MARKERS

STATION	SIDE	NO
143+00	Lt	1
156+00	Rt	1
169+00	Rt	1
195+00	Rt	1
P.C. 207+572	Rt	1
P.T. 223+022	Lt	1
P.C. 230+295	Rt	1
P.T. 247+305	Lt	1
257+00	Rt	1
271+00	Lt	1
201+00	Rt	1
215+00	Lt	1
228+00	Rt	1
P.C. 240+041	Lt	1
255+00	Rt	1
SUB TOTAL 40 FT. ROADWAY		15
DEFECT TOTAL		15

DETAILS OF STRUCTURAL EXCAVATION
FOR RIPRAP & DRY
RUBBLE SLOPE
AND
DITCH PAVING



GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado Department of Highways adopted June 1, 1952.

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

All poles encroaching on construction are to be moved by owners.

All concrete used on this project shall be sulphate resisting (Type I Cement) concrete.

Culverts projecting from embankments shall be covered with approximately 6 inches of embankment material in such a manner that a minimum of pipe shall be exposed in the completed work. This shall be accomplished by warping embankment slopes around and adjacent to culvert.

Payment for overhaul shall be based on measurement along the center line of the project.

All Side Approach Roads to the Project shall be Prime Coated to approximately 50 feet out from edge of oil mat or to the Right of Way line, whichever is less. The Approach at Sta. 130+ Lt. shall be oil processed.

For preliminary plan quantities of Asphaltic Road Materials, the following rates of application were used:

PRIME COAT MC (PRIME) @ 0.4 GAL./Sq.Yd.
PAVING ASPHALT (for Plant Mix Oil Mat)
100-200 PENETRATION @ 6.33 LBS./Sq.Yd./
INCH THICK

Rate of application and grade of oil shall be as determined by the engineer at the time of application.

It is estimated that old road is to be obliterated at the following locations: Sta. 212+ to 218+; 234+ to 268+; 271+ to 273+ and 199+ to 231+.

The force account item "Clearing of Building Sites, including Removal of Foundation and Appurtenances," shall include removal of all foundations, wells, outhouses and other appurtenances not removed by the owner; and any necessary backfilling of cellars, cess pools, wells, etc. to provide neat road-side conditions. It is estimated that this item applies at the following locations: Sta. 173+ and 177+ and 227+.

All curves are to be superelevated and widened as provided by the Standard Superelevation sheet included with the plans. In cases where spiral curves are used the transition from normal crowned section to full superelevation and widening shall take place over the full length of the spiral curve.

If excavation operations develop materials which will stand on slopes steeper than slope stake lines, the Department reserves the right to change cut slopes during the progress of such excavations.

TABULATION OF TYPICAL SECTIONS	
STATION	TYPE
134+00 to 142+47 (Intersection)	A (Var.)
142+47 to 149+63.3 (Intersection)	B (Var.)
149+63.3 to 164+15	B
164+15 to 176+00	A
176+00 to 176+72 Trans. 40' to 32' Rdw.	A (Var.)
176+72 to 179+00 Trans. 40' to 32' Rdw.	B (Var.)
179+00 to 189+00	C
189+00 to 192+00 Trans. 32' to 40' Rdw.	B (Var.)
192+00 to 200+00	B
200+00 to 255+00	A

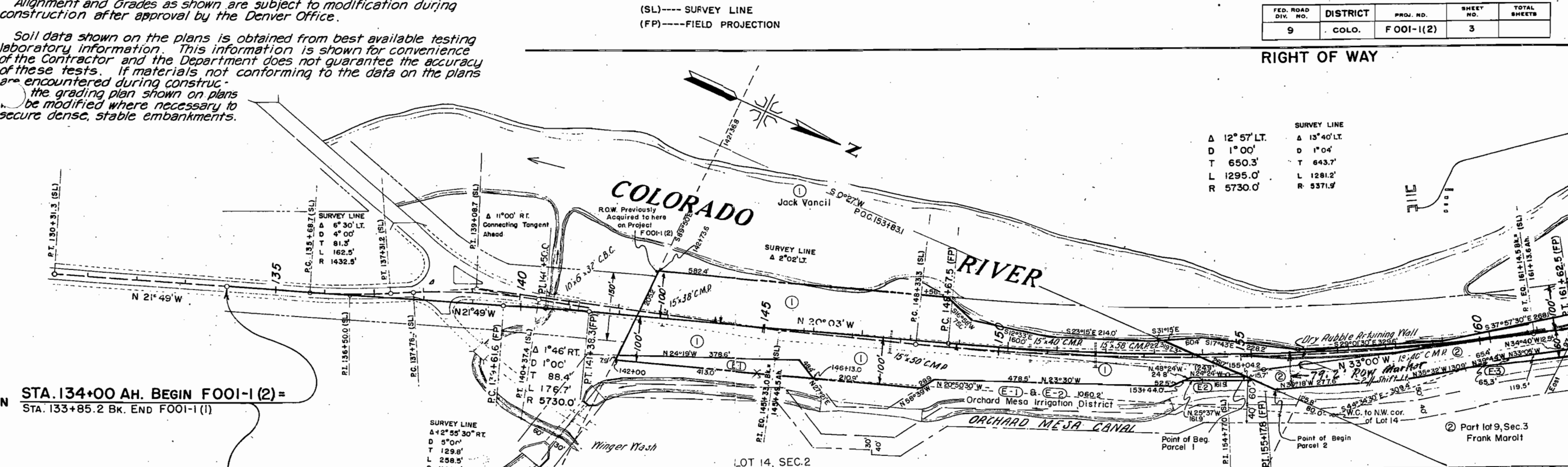
Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on the plans are encountered during construction the grading plan shown on plans be modified where necessary to secure dense, stable embankments.

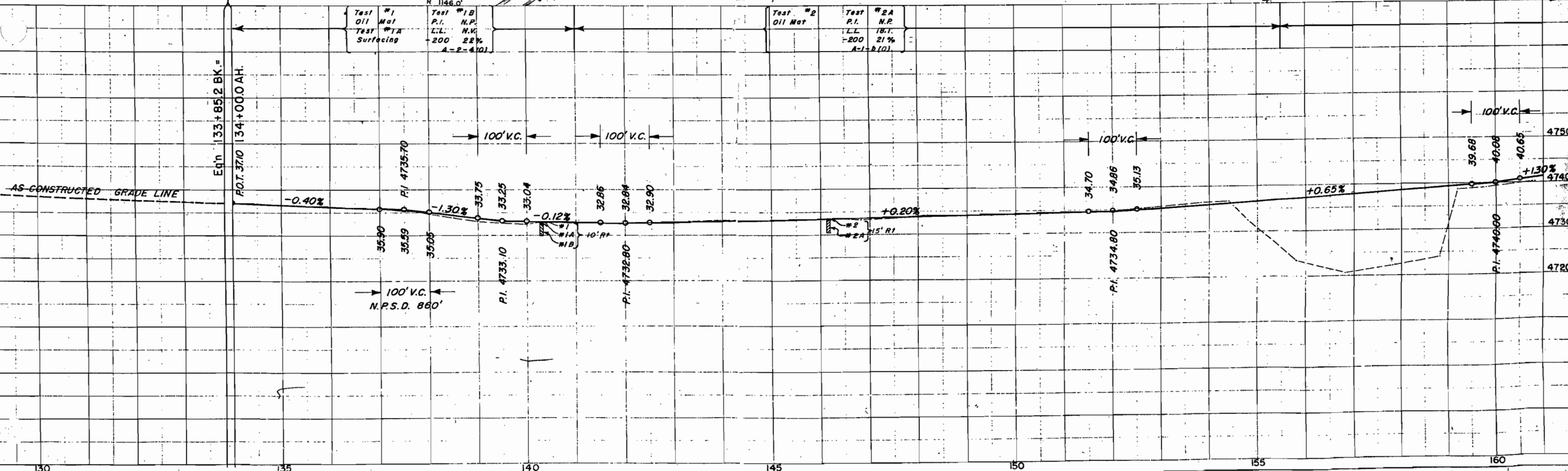
(SL)---- SURVEY LINE
(FP)---- FIELD PROJECTION

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	3	

RIGHT OF WAY



STA. 134+00 AH. BEGIN F001-1(2) =
STA. 133+85.2 BK. END F001-1(1)



T. 11 S., R. 98 W., 6th. PM.

LEGEND
(OP)-----OFFICE PROJECTION
(FP)-----FIELD PROJECTION
(SL)-----SURVEY LINE

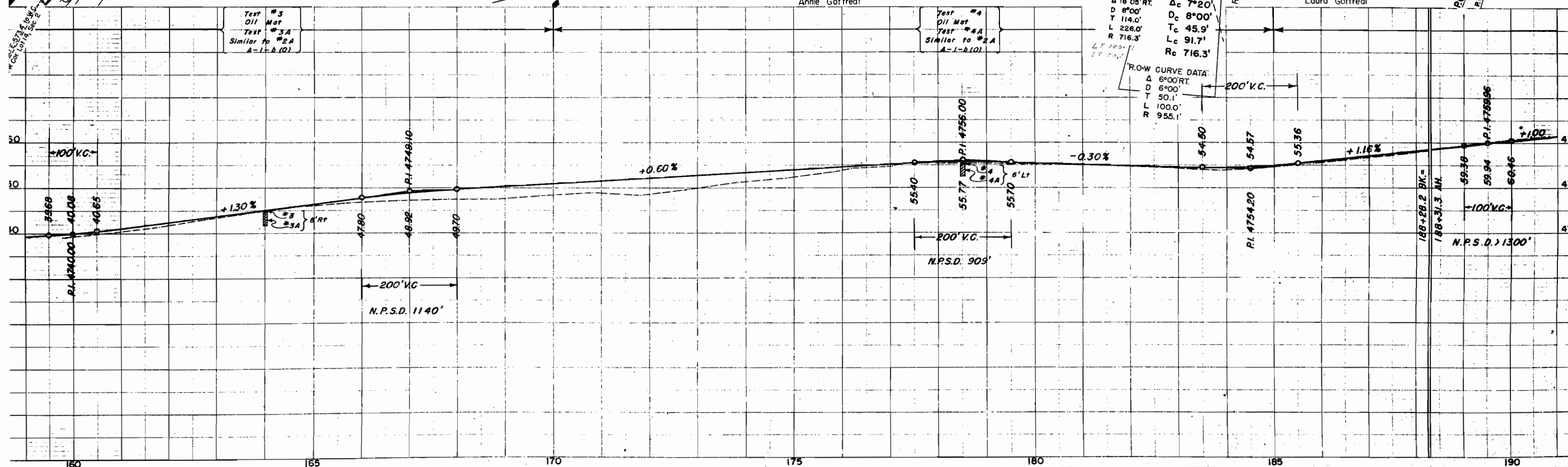
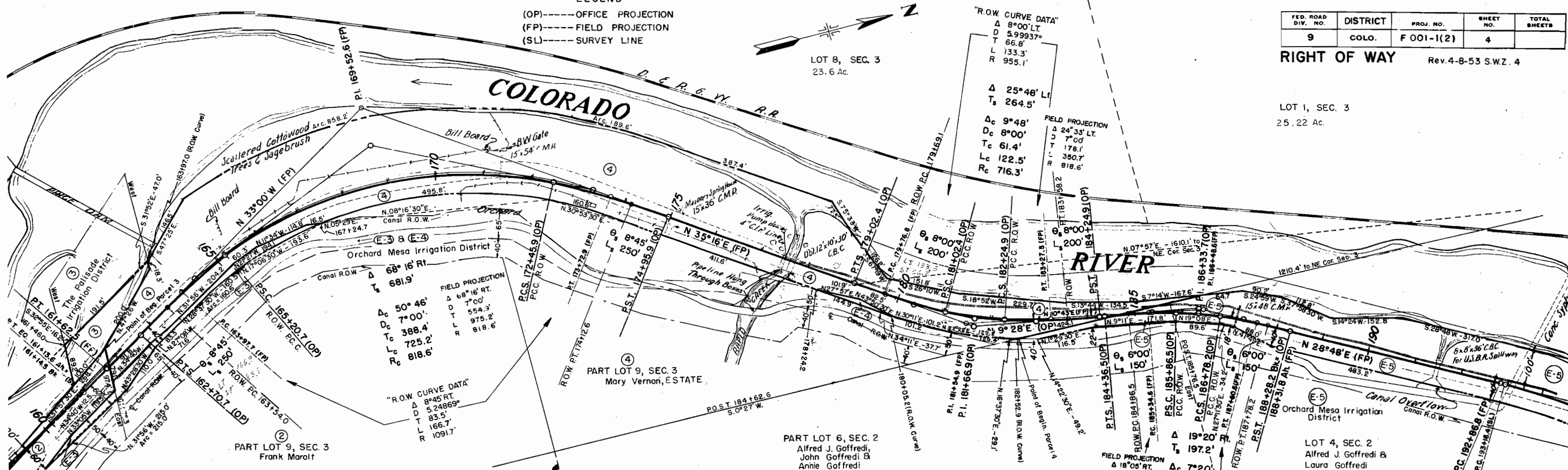
LOT 8, SEC. 3
23.6 Ac.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	4	

RIGHT OF WAY

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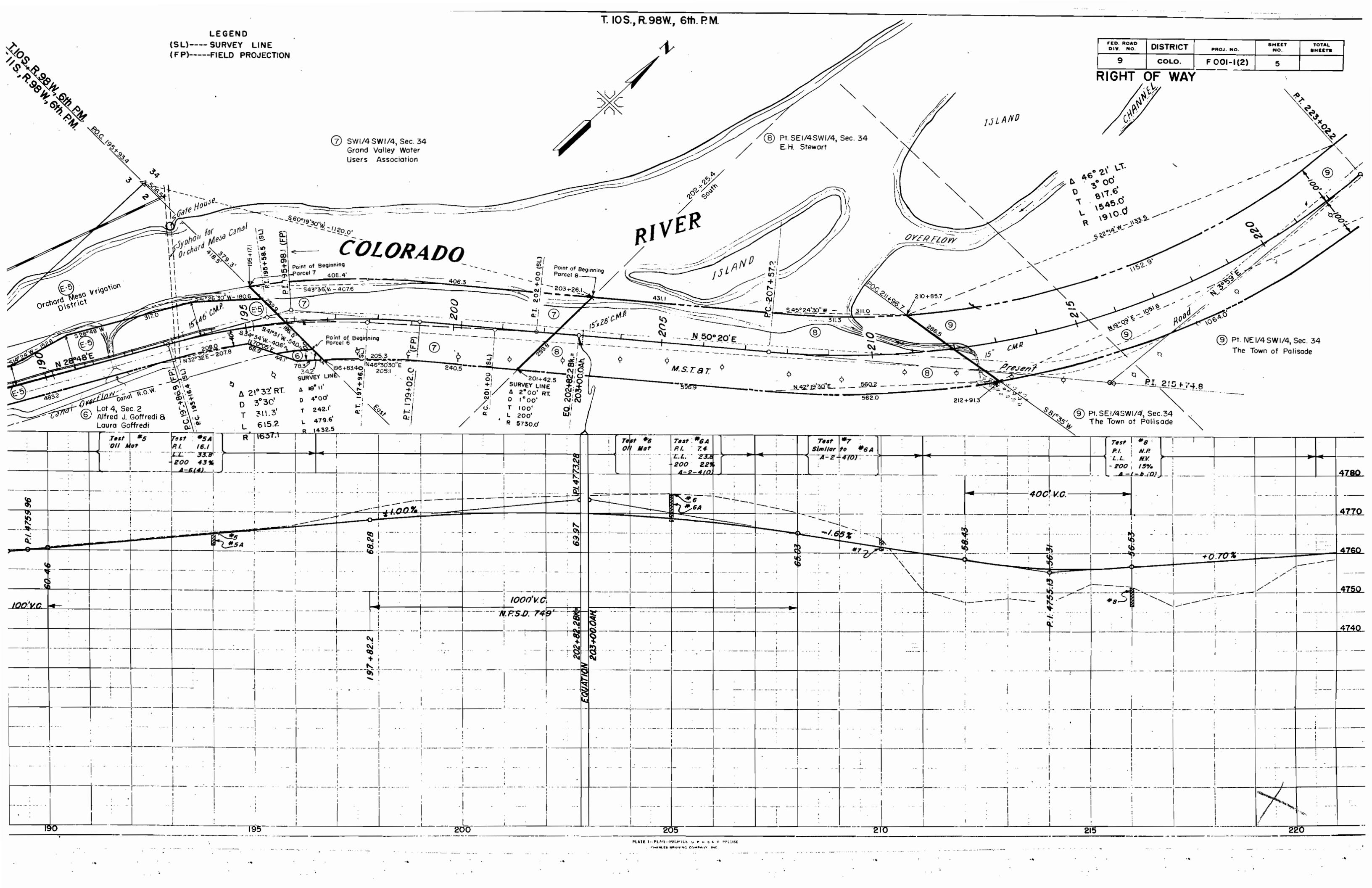
LOT 1, SEC. 3
25.22 Ac.



LEGEND
(SL)-----SURVEY LINE
(FP)-----FIELD PROJECTION

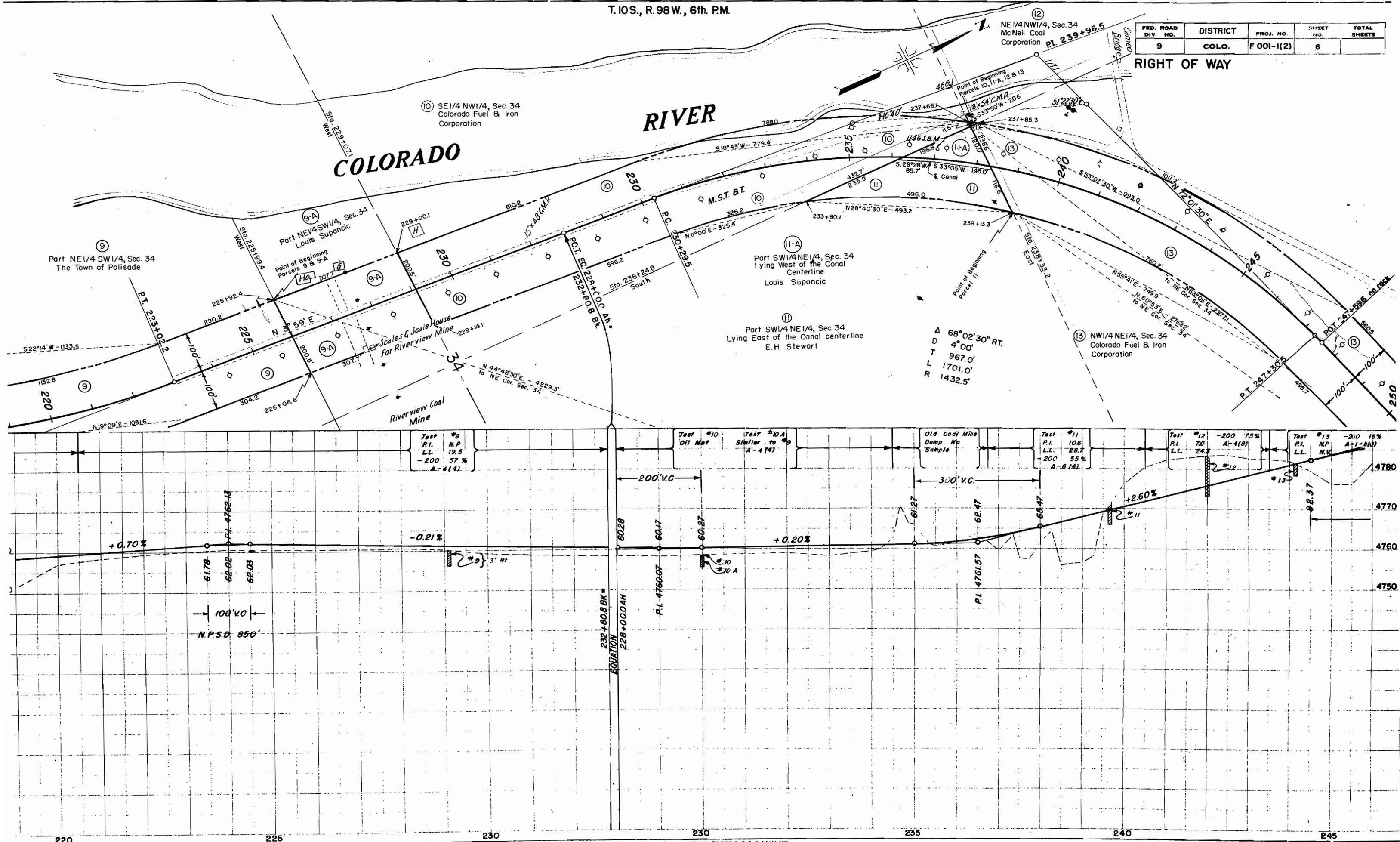
FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	5	

RIGHT OF WAY



FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	6	

RIGHT OF WAY

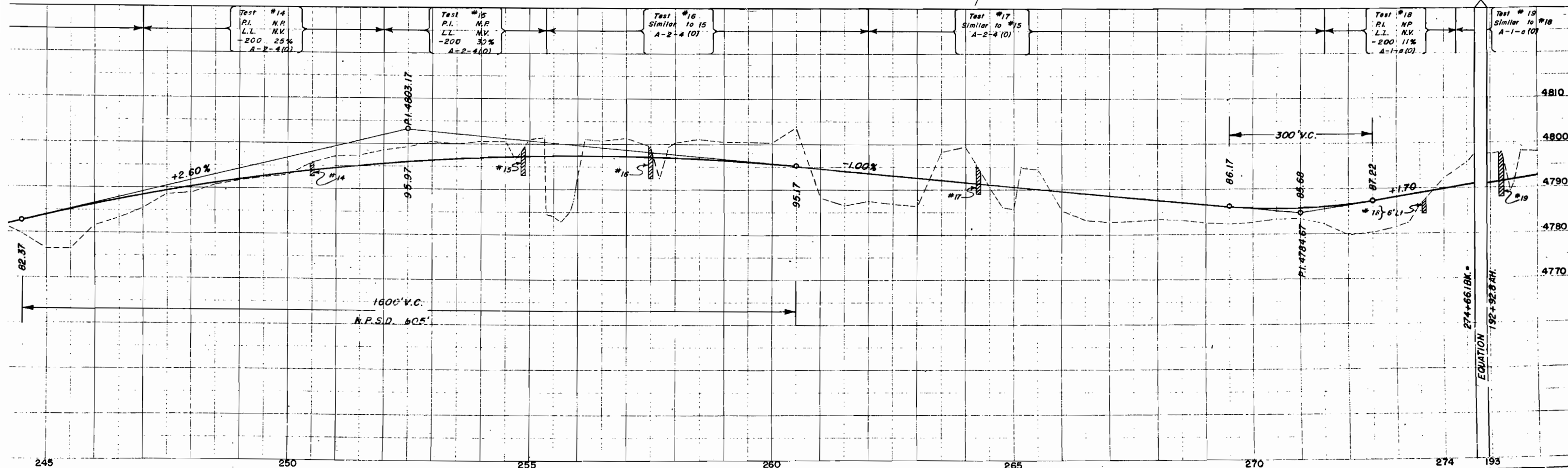
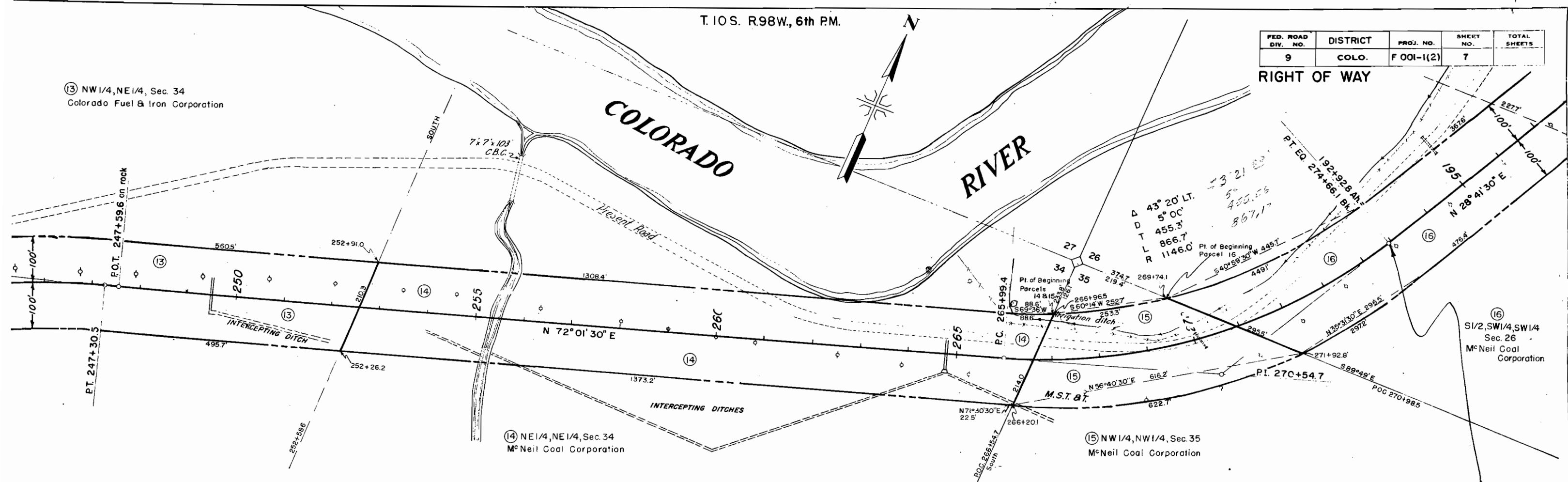


T.10S. R.98W, 6th PM.

⑬ NW1/4, NE1/4, Sec. 34
Colorado Fuel & Iron Corporation

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	7	

RIGHT OF WAY



T.10S., R. 98W., 6th P.M.

RIVER

COLORADO

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	FOOI-1(2)	8	

RIGHT OF WAY

Rev. 4-8-53 S.W. 17 & 19

(17) NW1/4 SW1/4, Sec. 26
V. E. LAWRENCE

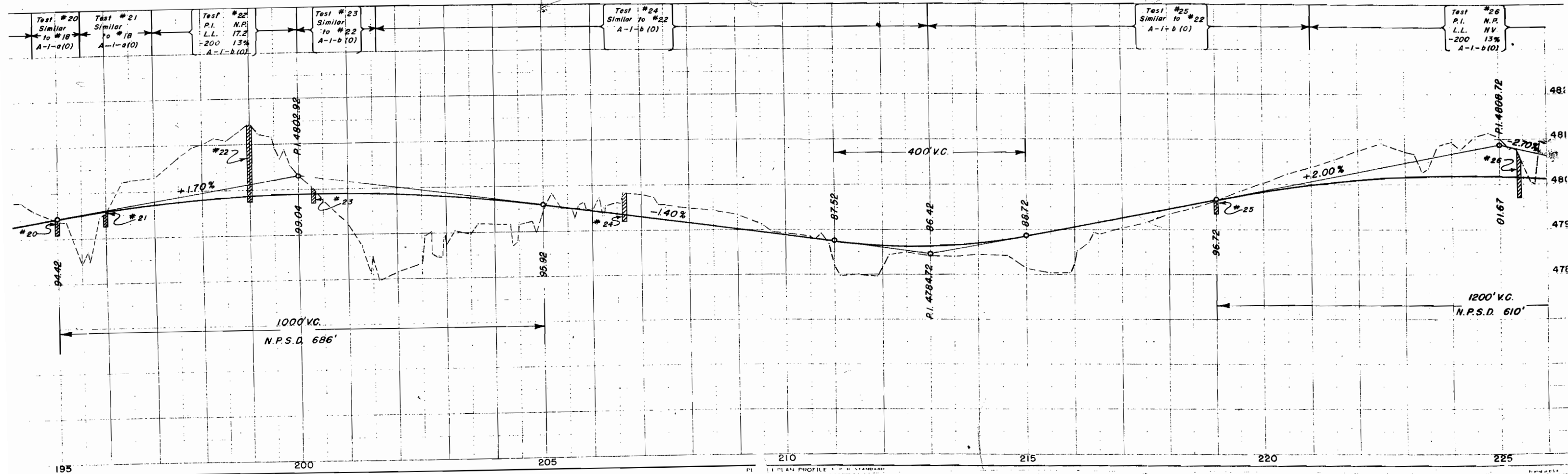
(17) NW1/4 SW1/4, Sec. 26
V. E. LAWRENCE

(19) Part W1/2 NW1/4, Sec. 26
Gus Epeneter Jr. & Jerry Mae Epeneter 1/2
G.W. Epeneter & Ruth L. Epeneter 1/2

(18) SE1/4 NW1/4, Sec. 26
Sarah Elizabeth Davis 1/2
Henry Charles Hickman 1/2

(18) NE1/4 SW1/4, Sec. 26
Sarah Elizabeth Davis 1/2
Henry Charles Hickman 1/2

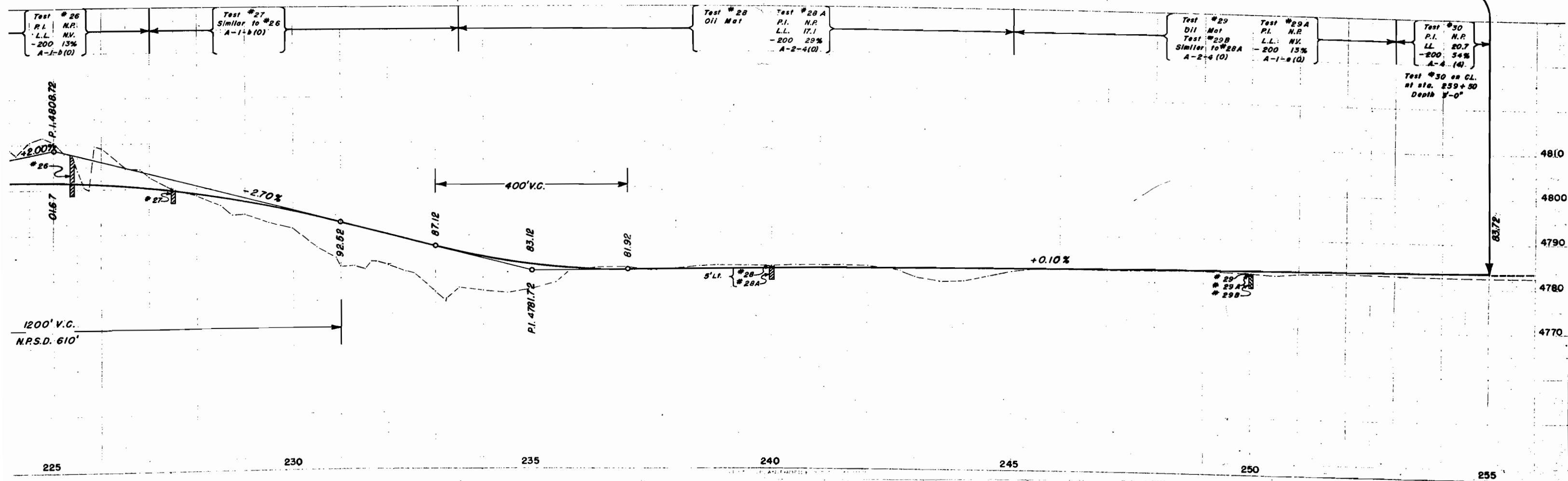
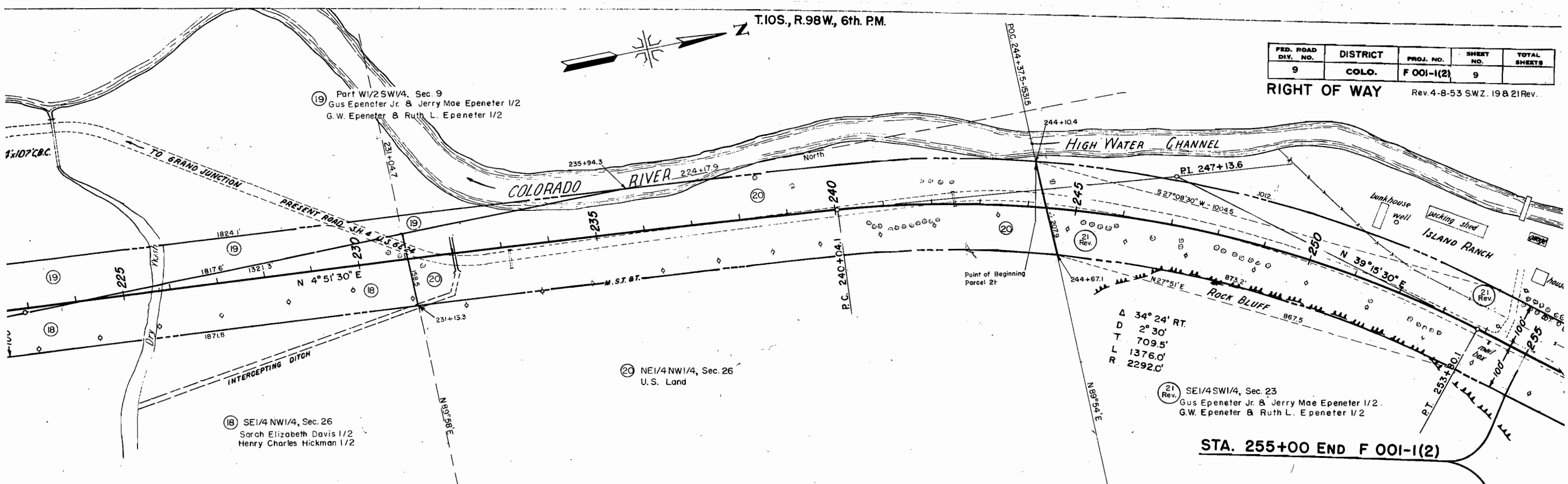
1/2 SW1/4 SW1/4, Sec. 26
c Neil Coal Corporation



T.10S., R.98W., 6th. PM.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-1(2)	9	

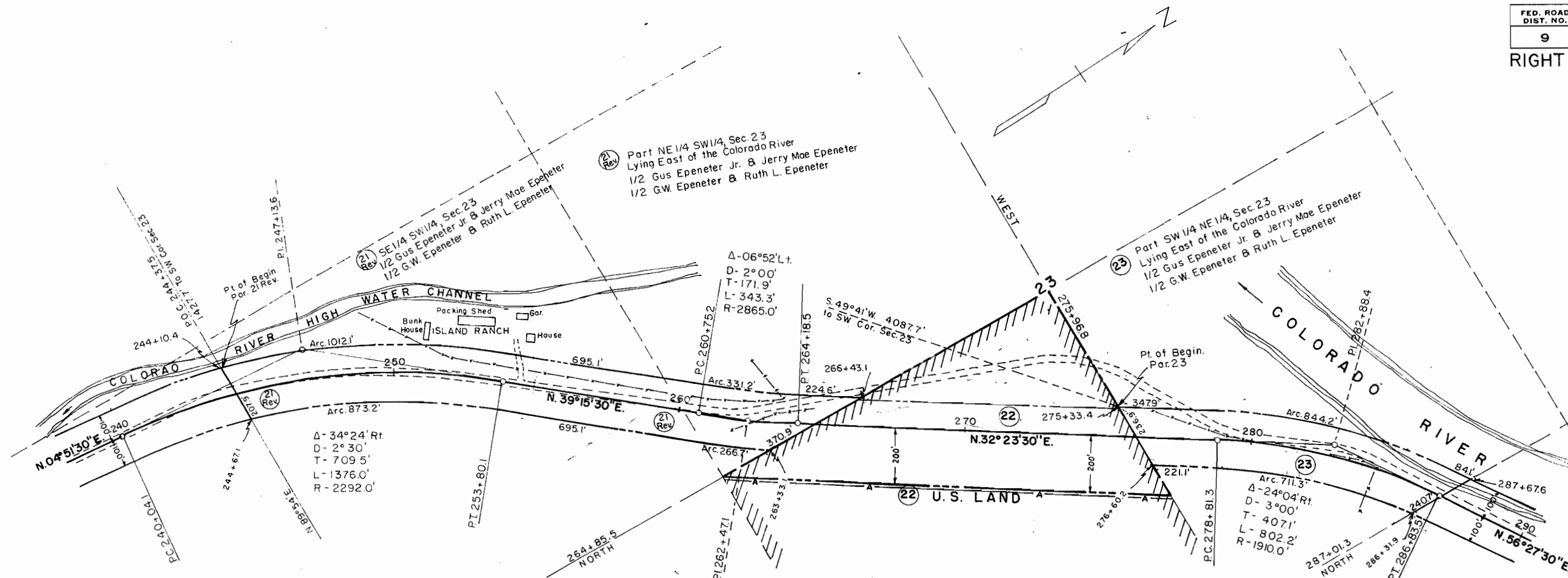
RIGHT OF WAY Rev. 4-8-53 SWZ. 19 & 21 Rev.



FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-1(2)	10	

RIGHT OF WAY

Rev. 4-8-53 S.W.Z.
Rev. 2-27-62 22 REG



COLORADO DEPARTMENT OF HIGHWAYS
PROJECT F001-I(2)
R.O.W. OWNERSHIP MAP

MESA COUNTY
T.10S., R.98W. & T.11S., R.98W., 6 P.M.

SCALE: 1" = 400'

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 001-I(2)	11	

OWNERSHIP MAP
SHEET 1 OF 1

Rev 4-8-53 S.W.Z.
Rev 2-27-62 22 REC

