

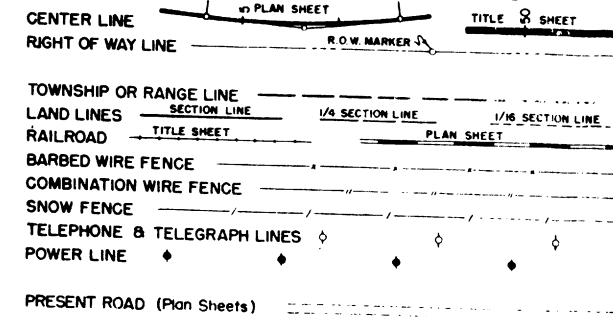
COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 005-2(10) STATE HIGHWAY NO. 2 *SH 40* ROUTT COUNTY

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 005-2(10)	1	

RIGHT OF WAY

CONVENTIONAL SIGNS

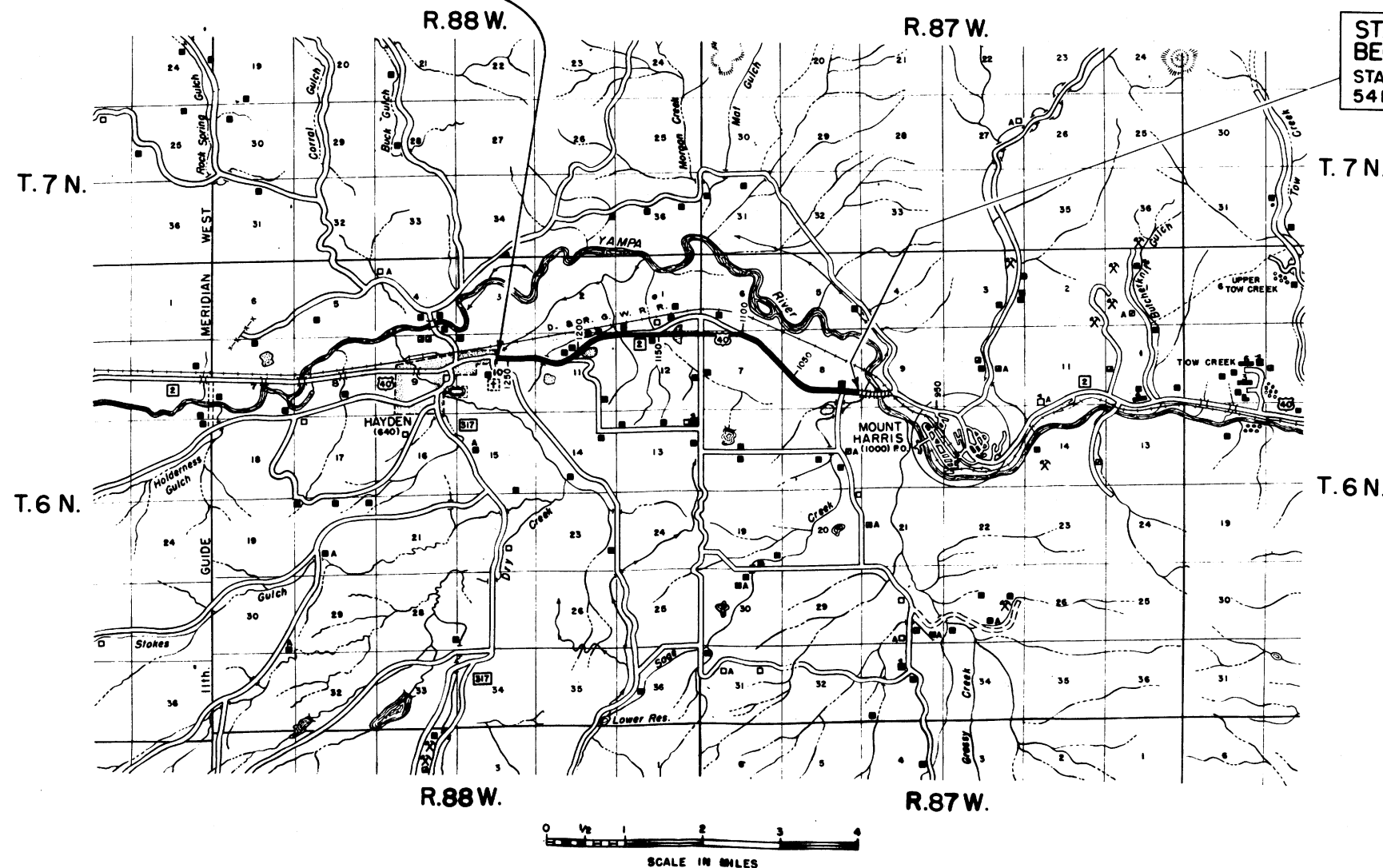


SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 25,776.9 FEET = 4.882 MILES
NET LENGTH OF PROJECT }

RIGHT OF WAY

STA. 1257+60.6
END F 005-2(10)
BEGIN C 28-0002-21

STA. 999+83.7
BEGIN F 005-2(10)
STA. 345+41.3 ON FAP E-253-E
541.3 FT. FROM BEG. FAP E-253-E



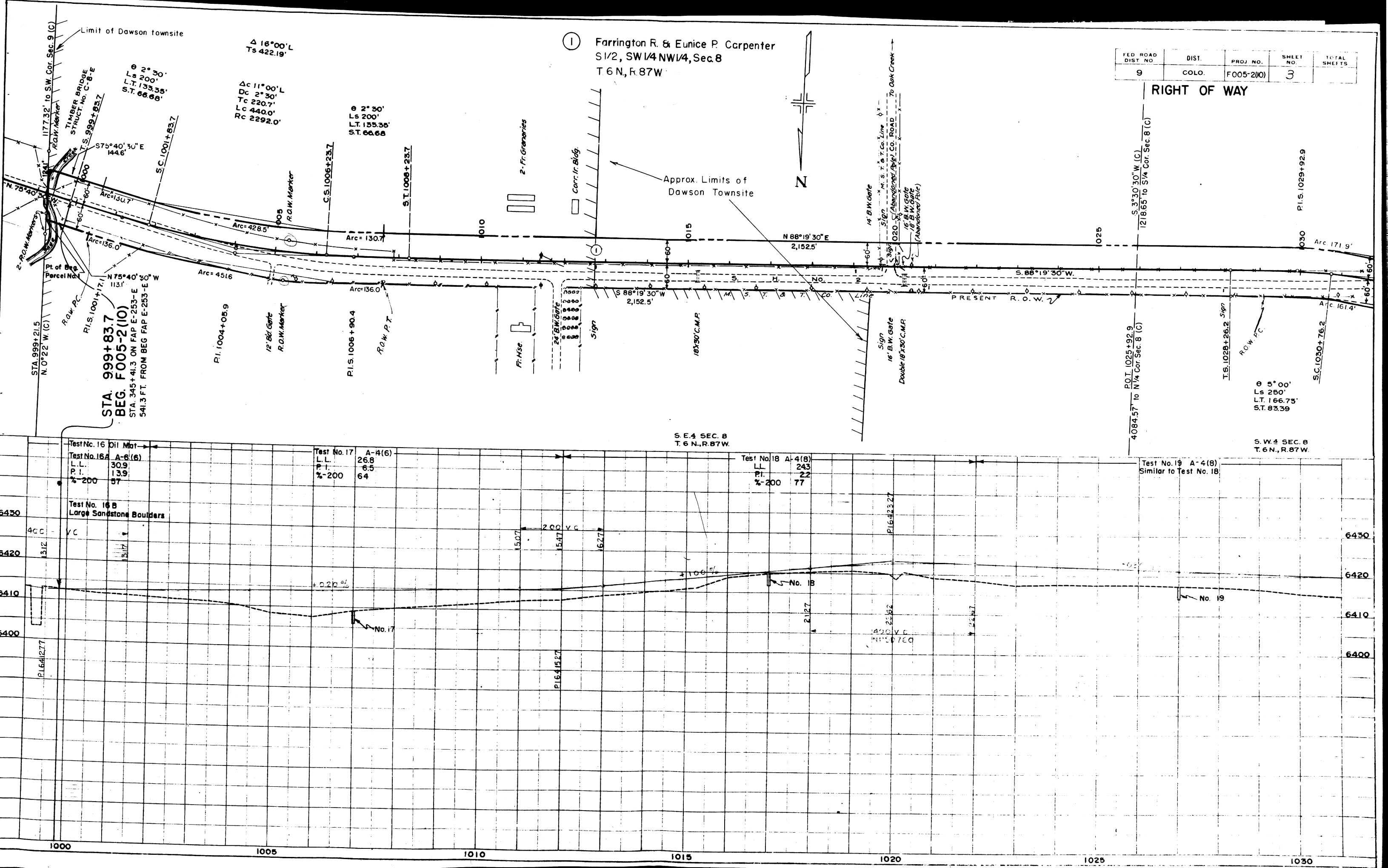
INDEX OF SHEETS

- SHEET NO. 1. SKETCH MAP AND TITLE PAGE.
- 2. TABULATION OF PROPERTIES.
- 3-11. ALIGNMENT PLAN AND PROFILE SHOWING MINIMUM R.O.W. REQUIREMENTS.
- 12-14. OWNERSHIP MAP

PROJ. NO. F 005-2(10)

RIGHT OF WAY Rev. 7-27-53 S.W.Z.

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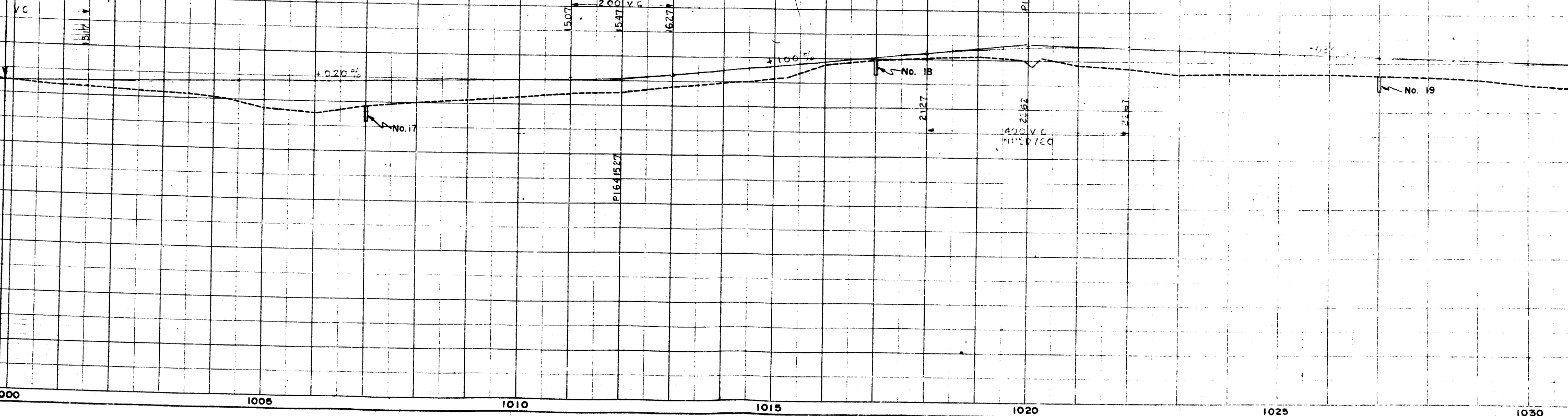
① Farrington R. & Eunice P. Carpenter
S1/2, SW1/4 NW1/4, Sec. 8
T 6 N, R 87 W

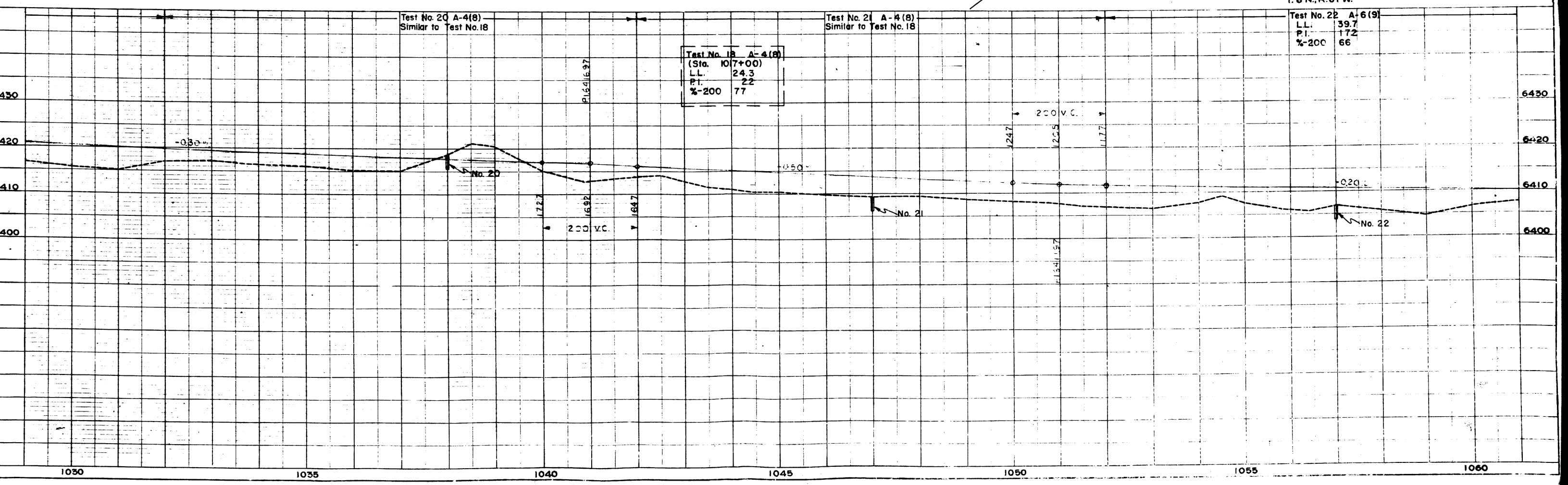
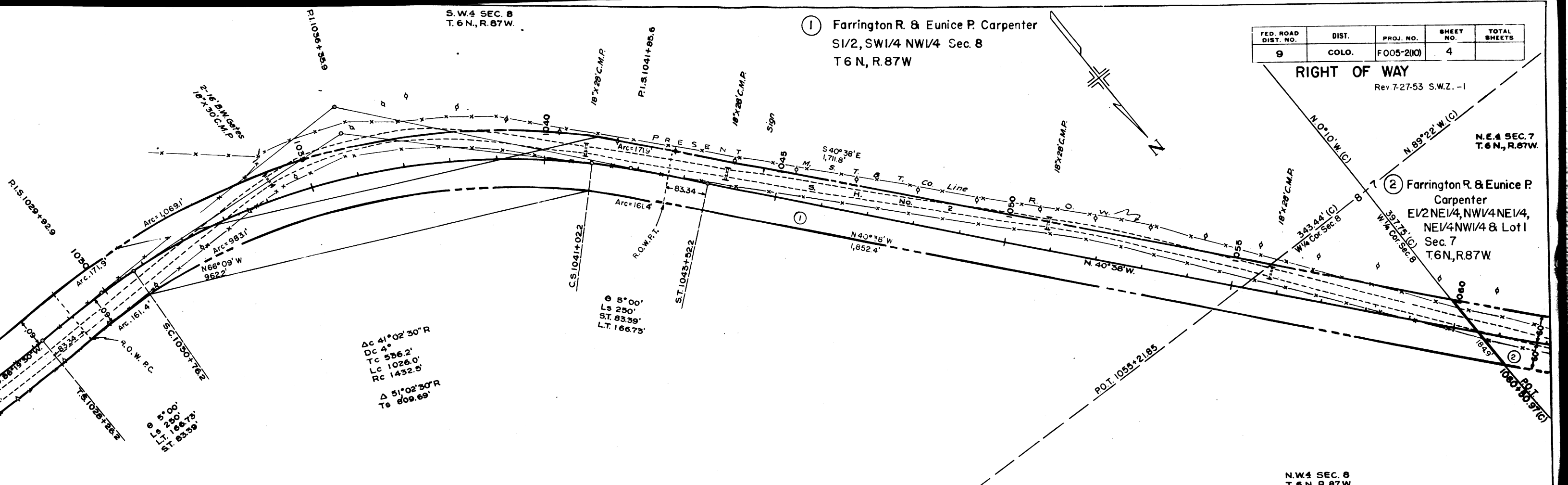
FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-2(10)	3	

RIGHT OF WAY

Test No. 16 Oil Mat	Test No. 17 A-4(6)	Test No. 18 A-4(8)	Test No. 19 A-4(8)
Test No. 16A A-6(6)	L.L. 26.8	L.L. 243	Similar to Test No. 18
L.L. 30.9	P.I. 6.5	P.I. 22	
P.I. 13.9	%-200 64	%-200 77	
%-200 57			

Test No. 16B Large Sandstone Boulders





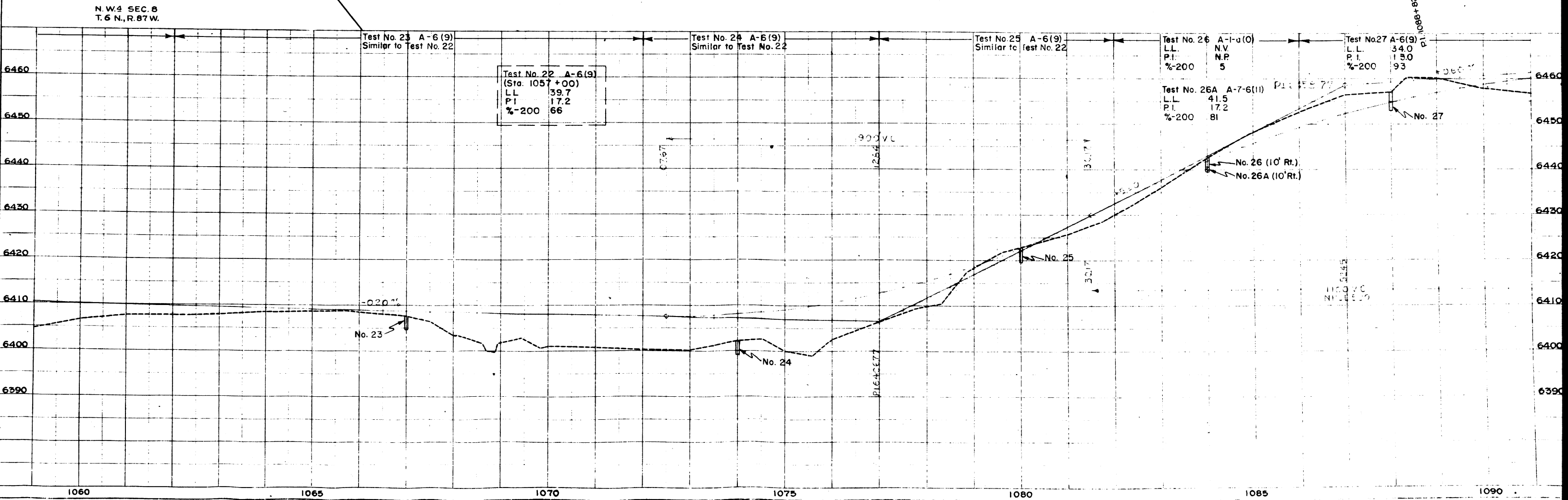
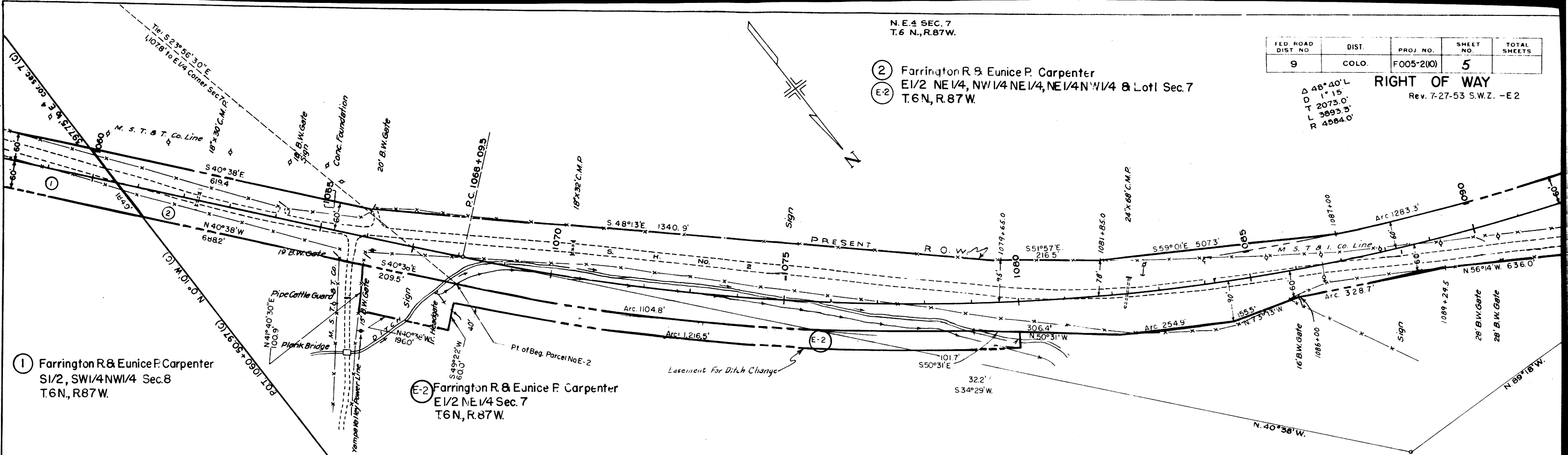
N.E.4 SEC. 7
T.6 N., R.87W.

② Farrington R & Eunice P. Carpenter
E1/2 NE 1/4, NW 1/4 NE 1/4, NE 1/4 NW 1/4 & Lot 1 Sec. 7
T.6N., R.87W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-2(10)	5	

RIGHT OF WAY
Rev. 7-27-53 S.W.Z. -E2

Δ 48°40' L
D 1°15'
T 2073.0'
L 3893.3'
R 4584.0'



Plan View Details:

- Top Left:** Survey data for a curve: $\Delta 46^\circ 40' L$, $1^\circ 15'$, $2073.0'$, $3893.3'$, $4584.0'$.
- Top Center:** Section 7 description: **N.W. 1/4 SEC. 7 T. 6 N., R. 87 W.**
- Top Right:** Project information table:

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-2(10)	6	
- Right Edge:** Section 12 description: **N.E. 1/4 SEC. 12 T. 6 N., R. 88 W.**
- Bottom Right:** Section 1 description: **S.E. 1/4 SEC. 1 T. 6 N., R. 88 W.**
- Center:** Section 6 description: **S.W. 1/4 SEC. 6 T. 6 N., R. 87 W.**
- Plan Features:**
 - Property lines with bearings and distances (e.g., $N. 56^\circ 14' W. 636.0'$, $S. 89^\circ 18' E. 1116.0'$).
 - Curves with radii (e.g., $Arc. 1283.3'$, $Arc. 592.9'$, $Arc. 1240.0'$).
 - Existing infrastructure: **Yampa Valley Elec. Co. Power Line**, **28' B.W. Gate**, **28' B.W. Gate**.
 - Right of Way (R.O.W.) line.
 - Point of Beginning (Pt. of Beg.) for parcels 2 & 3.
 - Hayden Tel. Line No. 31.

Profile View Details:

- Vertical Axis:** Elevation in feet, ranging from 6450 to 6490.
- Horizontal Axis:** Stationing from 1090 to 1120.
- Profile Line:** Shows the proposed road grade with various slopes (e.g., $+0.60\%$, $+0.493\%$, $+0.80\%$).
- Vertical Curves:**
 - 1100 V.C. NPSD 590'**
 - 200 V.C.**
 - 500 V.C. NPSD 595'**
 - 700 V.C. NPSD 570'**
- Test Data:**
 - Test No. 28 A-B(9):** L.L. 51.2, P.I. 12.4, % -200 96.
 - Test No. 29 A-B(9):** Similar to Test No. 28.
 - Test No. 29A A-B(9):** Similar to Test No. 27.
 - Test No. 27 A-B(9):** (Std. 1088.00) L.L. 34.0, P.I. 13.0, % -200 93.
 - Test No. 30 A-B(9):** Similar to Test No. 28.
 - Test No. 31 A-B(9):** L.L. 31.8, P.I. 12.0, % -200 96.
- Other Labels:**
 - No. 28**, **No. 29**, **No. 29A**, **No. 30**, **No. 31** (likely station markers or test points).
 - P.I. 6472.17**, **P.I. 6464.17**, **P.I. 6451.57** (vertical curve points).

N.E.4 SEC. 7
T.6N.,R.87W.

N.E.4 SEC.12
T.6N.,R.88W.

FED. ROAD DIST. NO.	DIST.	PRE. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-2(10)	7	

RIGHT OF WAY

N.W.4 SEC.12
T.6N.,R.88W.

S.W.4 SEC. 6
T.6N.,R.87W.

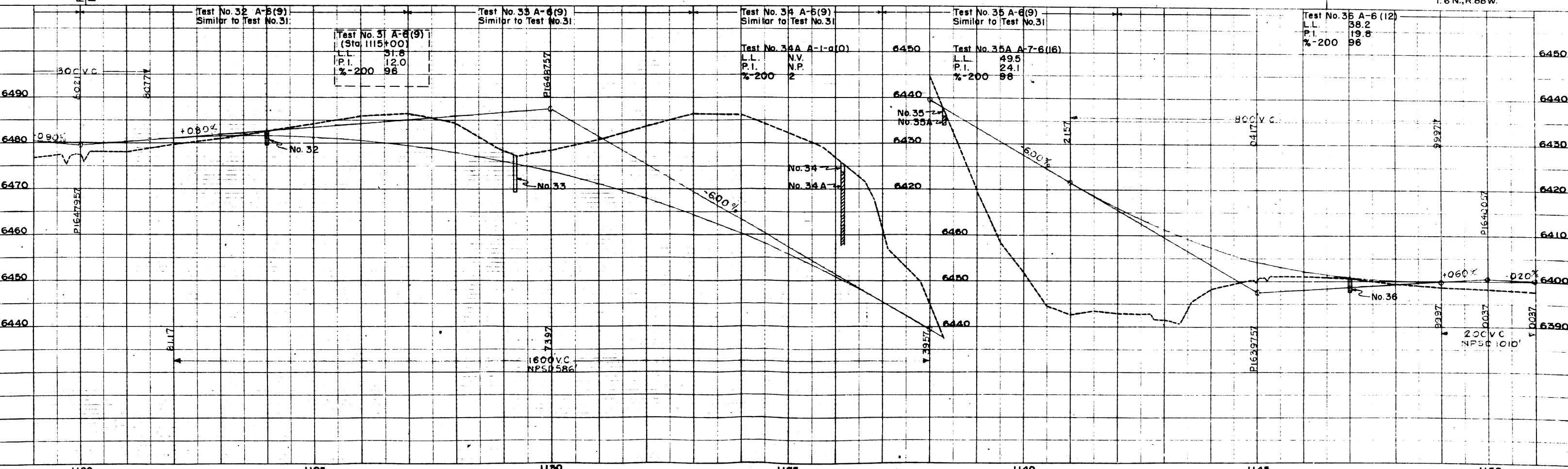
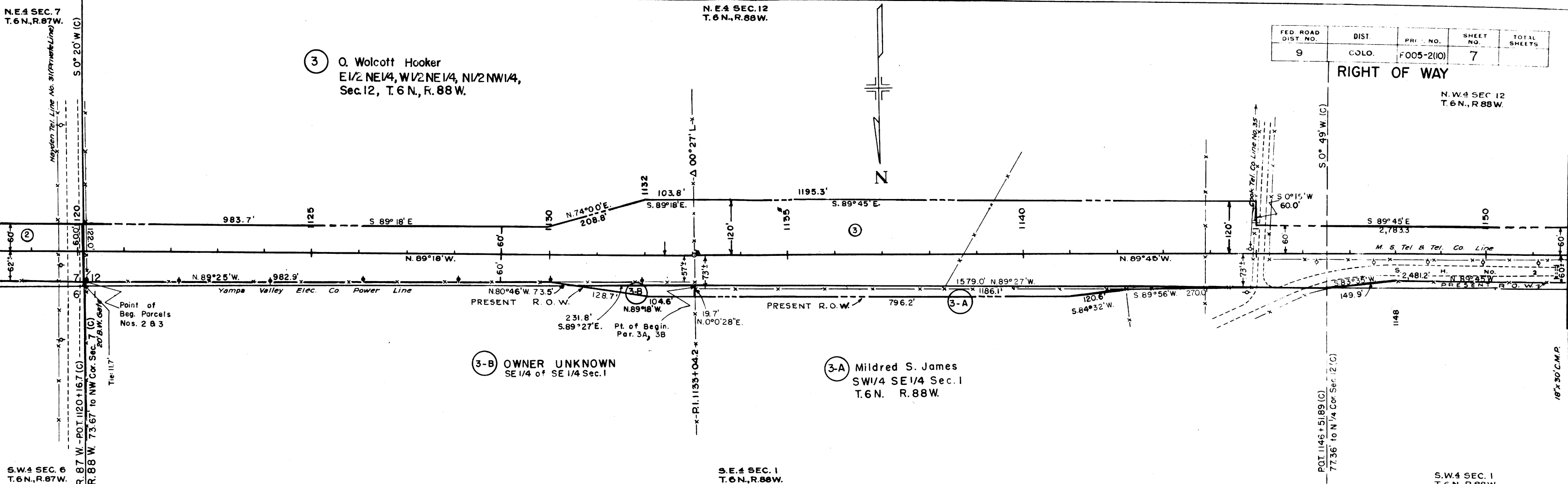
S.E.4 SEC. 1
T.6N.,R.88W.

S.W.4 SEC. 1
T.6N.,R.88W.

3 O. Wolcott Hooker
E1/2 NE1/4, W1/2 NE1/4, N1/2 NW1/4,
Sec.12, T.6N.,R.88W.

3-B OWNER UNKNOWN
SE1/4 of SE1/4 Sec.1

3-A Mildred S. James
SW1/4 SE1/4 Sec.1
T.6N. R.88W.

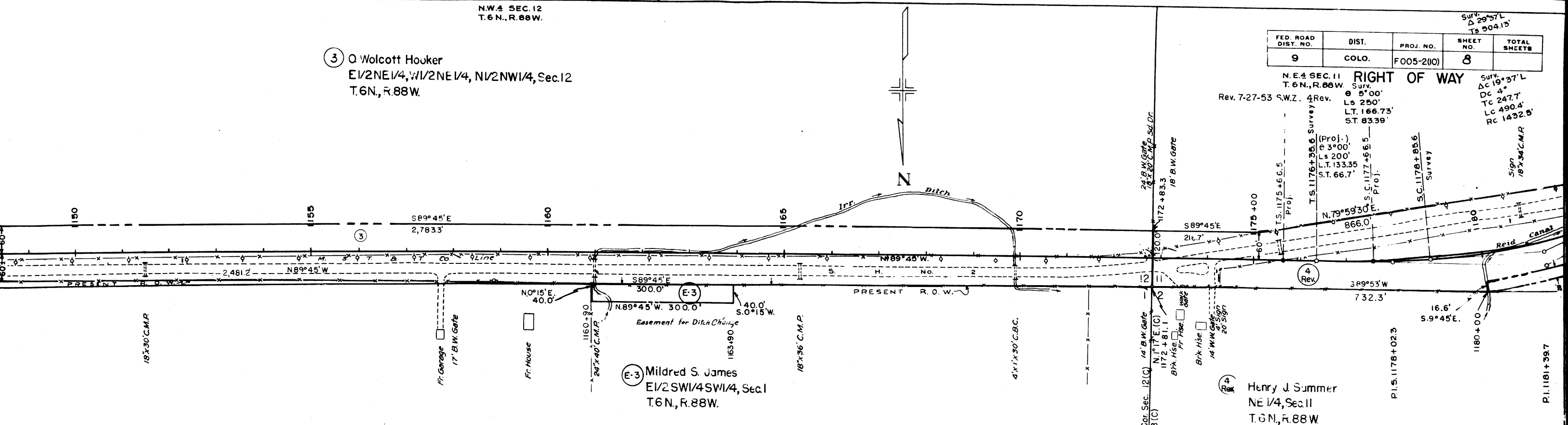


N.W.4 SEC. 12
T.6N., R.88W.

③ O Wolcott Hooker
E1/2NE1/4, W1/2NE1/4, N1/2NW1/4, Sec.12
T.6N., R.88W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-2(10)	8	

N.E.4 SEC. 11
T.6N., R.88W.
Rev. 7-27-53 S.W.Z. 4 Rev.
Surr. Δ 29°37' L
TS 504.13
Surr. Δ 19°37' L
Dc 4°
Tc 247.7'
Lc 490.4'
Rc 1432.5'
Sign 18'x34' C.M.P.

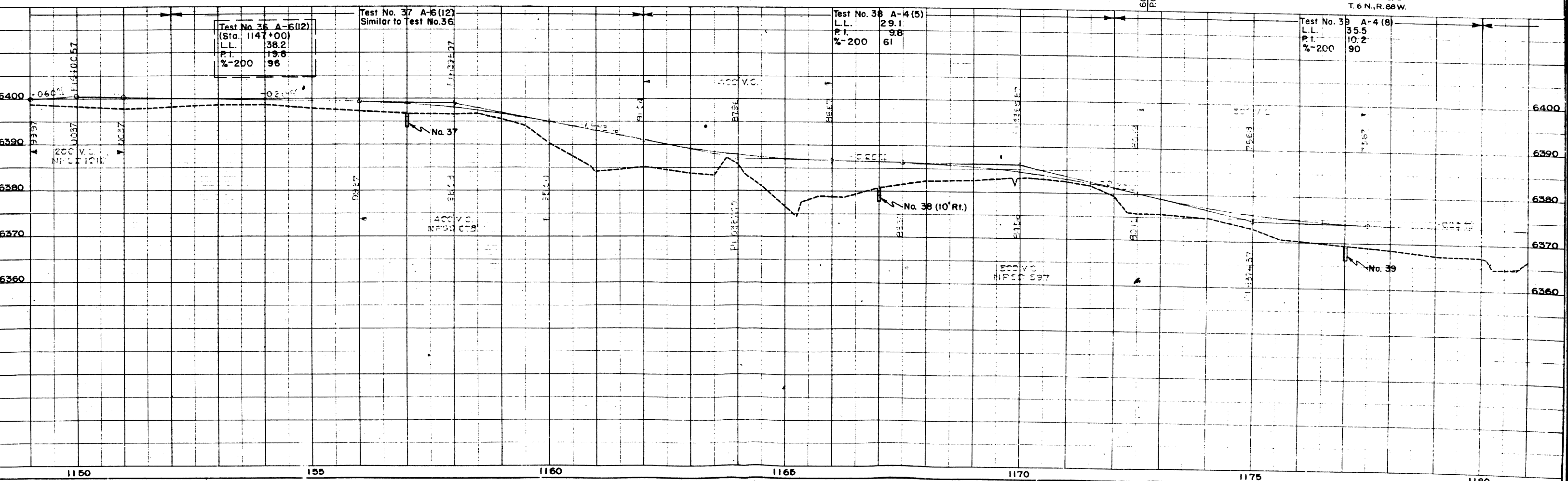


③ Mildred S. James
E1/2SW1/4SW1/4, Sec.1
T.6N., R.88W.

④ Henry J. Summer
NE 1/4, Sec.11
T.6N., R.88W.

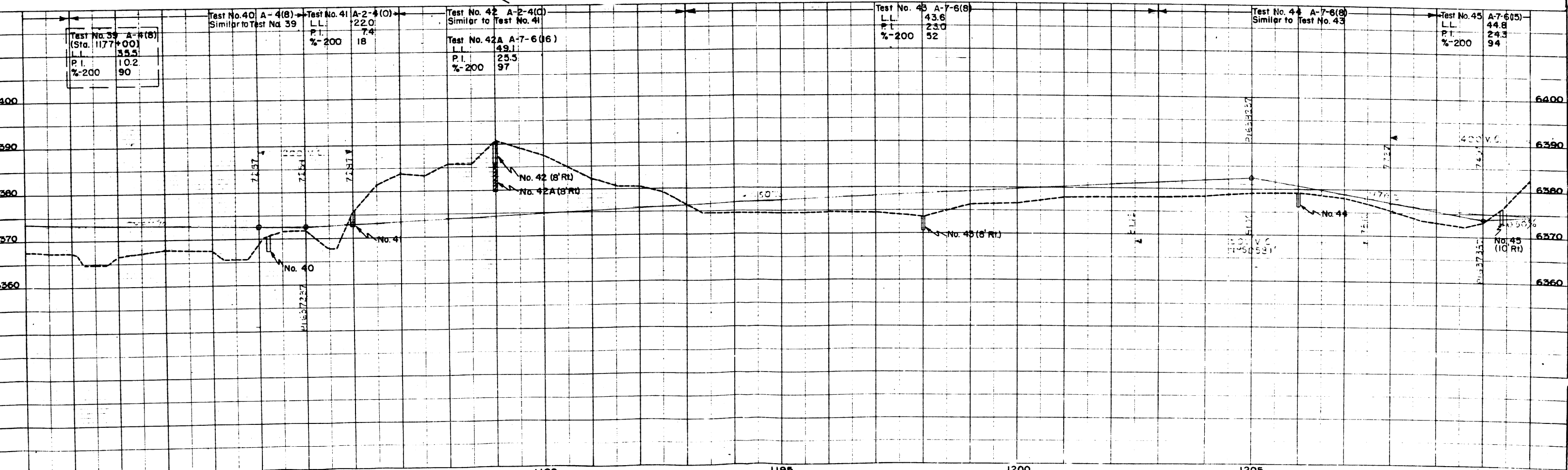
S.W.4 SEC. 1
T.6N., R.88W.

S.E.4 SEC. 2
T.6N., R.88W.



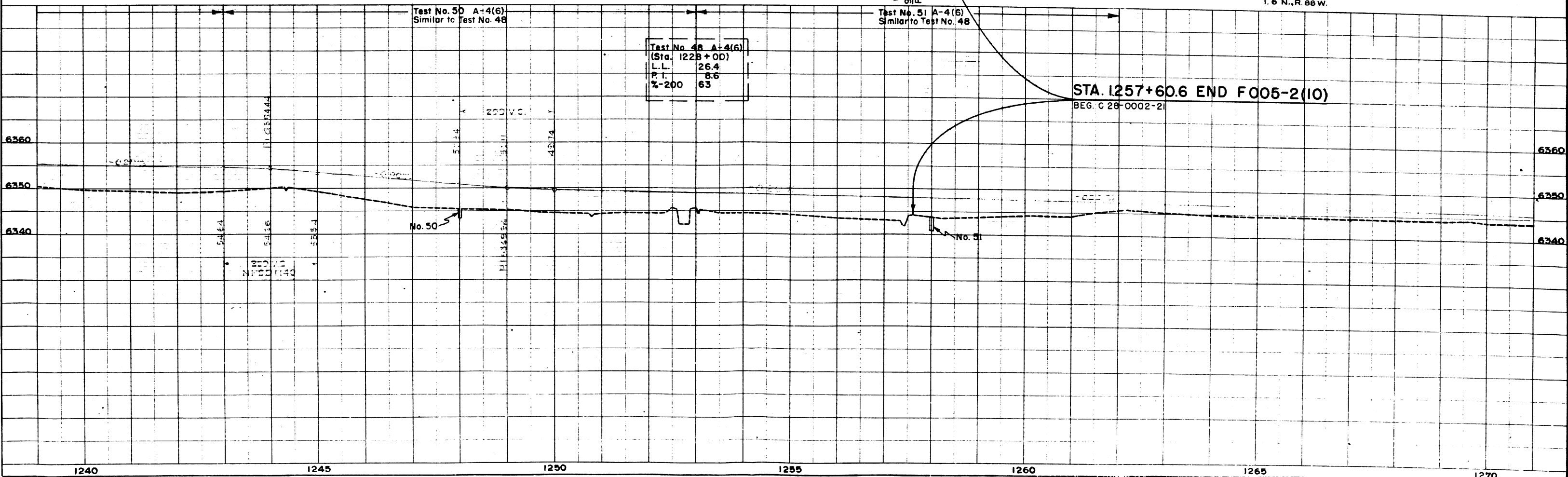
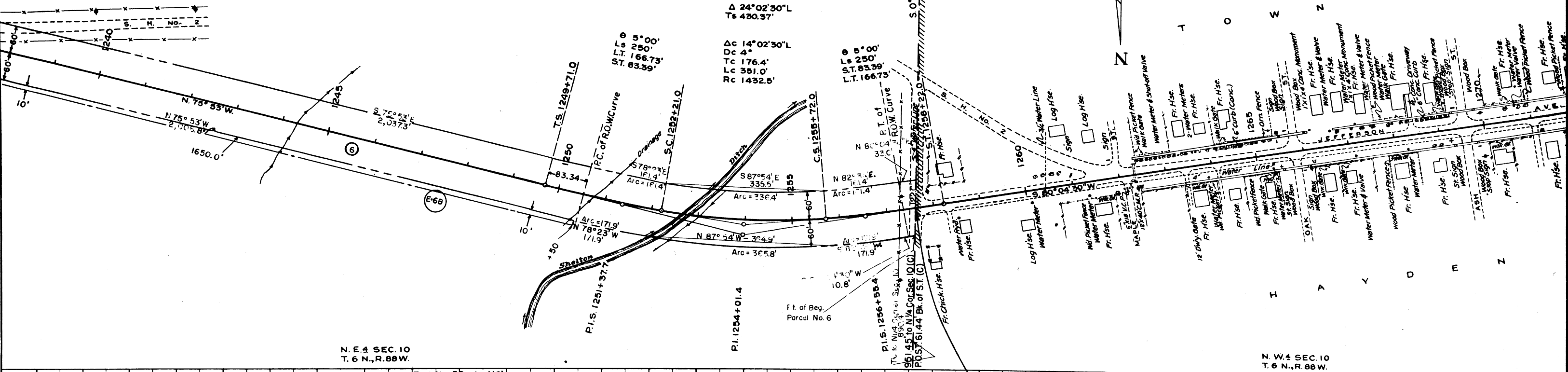
RIGHT OF WAY Rev. 7-27-52 S.W.Z 4 Rev.

RIGHT OF WAY Rev. 7-27-52 S.W.Z 4 Rev.



FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-200	11	

RIGHT OF WAY Rev. 7-27-53 S.W.Z. -6



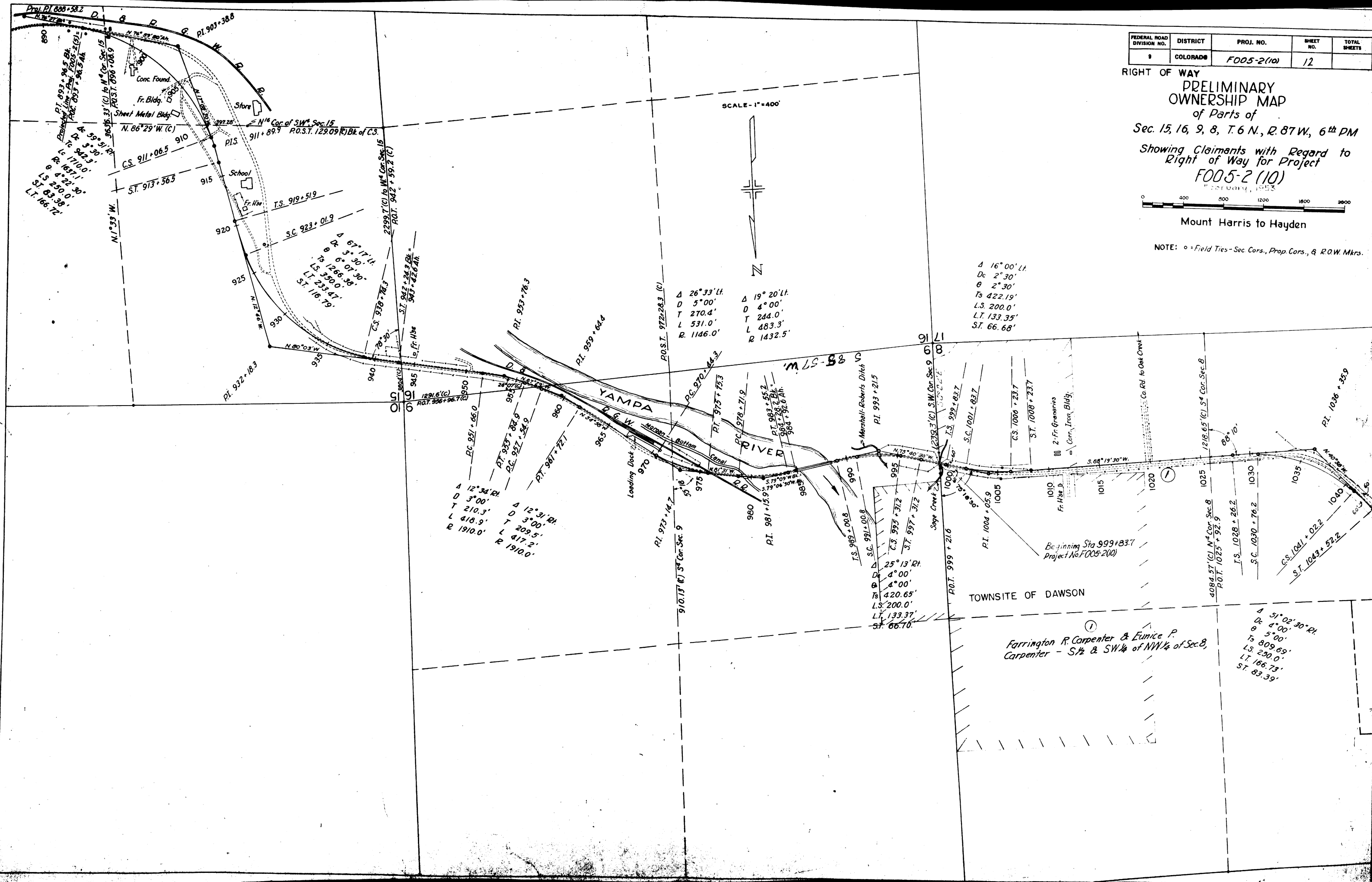
FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F005-2(10)	12	

RIGHT OF WAY
PRELIMINARY
OWNERSHIP MAP
of Parts of
Sec. 15, 16, 9, 8, T. 6 N., R. 87 W., 6th PM
Showing Claimants with Regard to
Right of Way for Project
F005-2 (10)
February, 1953



Mount Harris to Hayden

NOTE: ○ = Field Ties - Sec. Cors., Prop. Cors., & R.O.W. Mkrs.

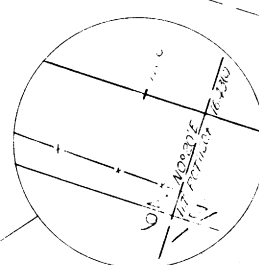


FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F005-2(10)	13	

RIGHT OF WAY Rev. 7-27-53 SW.Z. 4 Rev.

PRELIMINARY
OWNERSHIP MAP
of Parts of
Sec. 8, 7, 6, T. 6 N., R. 87 W., 6th PM
and Sec. 1, 2, 11, 12, T. 6 N., R. 88 W., 6th PM
Showing Claimants with Regard to
Right of Way for Project
F005-2 (10)

SCALE - 1"=400'



NOTE: • = Field Ties - Sec. Cors.

①
Farrington R. Carpenter & Eunice P.
Carpenter - SW 1/4 & SW 1/4 of NW 1/4 of
Sec. 8, T. 6 N., R. 87 W.

②
Farrington R. Carpenter & Eunice P.
Carpenter - E 1/2 of NE 1/4, NW 1/4 of NE 1/4
NE 1/4 of NW 1/4 & Lot 1 of Sec. 7, T. 6 N., R. 87 W.

②
Farrington R. Carpenter
& Eunice P. Carpenter
E 1/2 of NE 1/4 of Sec. 7, T. 6 N.,
R. 87 W.

③
O. Wakcott Hooker
E 1/2 of NE 1/4 W 1/2 of NE 1/4 & N 1/2 of NW 1/4
of Sec. 12, T. 6 N., R. 88 W.

④
Henry J. Summer
NE 1/4 of Sec. 11, T. 6 N., R. 88 W.

③A
Mildred S. James
SW 1/4 SE 1/4 Sec. 1
T. 6 N., R. 88 W.

③B
Mildred S. James
E 1/2 of SW 1/4 of SW 1/4 of Sec. 1
T. 6 N., R. 88 W.

④A
Henry J. Summer
NE 1/4 of Sec. 11, T. 6 N., R. 88 W.

(Proj.)
0 3° 00'
Ts 200'
Lt 133.35'
St 66.7'
Survey
Δ 29° 37' L
Dc 4° 00'
Ts 504.13'
θ 5° 00'
Ls 250.0'
LT 166.73'
ST 83.39'

TS 1175+66.5 Proj.
LS 1176+35.6 Proj.
SC 1177+66.5 Proj.
SC 1178+85.6 Surv.
CS 1183+76.0 Surv.
CS 1185+69.3 Proj.
ST 1186+26.0 Surv.
ST 1187+69.3 Proj.

P.C. 1068+09.5
S. 89° 22' E

P.T. 1088+82.5
N. 0° 04' E

113.42' to NW Cor. Sec. 7 (C)
P.O.T. 848.11 Ab. of P.T.

OWNER UNKNOWN

77.36' to NW Cor. Sec. 12 (C)
P.O.T. 1146+51.89 (C)

60.70 (C) to NW Cor. Sec. 12
P.O.T. 1172+82.18 (C)

P.O.T. 1202+00.85 (C)
N. 0° 04' E

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLORADO	F005-2(10)	14	

RIGHT OF WAY Rev. 7-27-53 S.W.Z. 5 Rev.

PRELIMINARY OWNERSHIP MAP of Parts of

Sec. 11, 10, 9, 8, T. 6 N., R. 88 W., 6th PM
and Town of Hayden

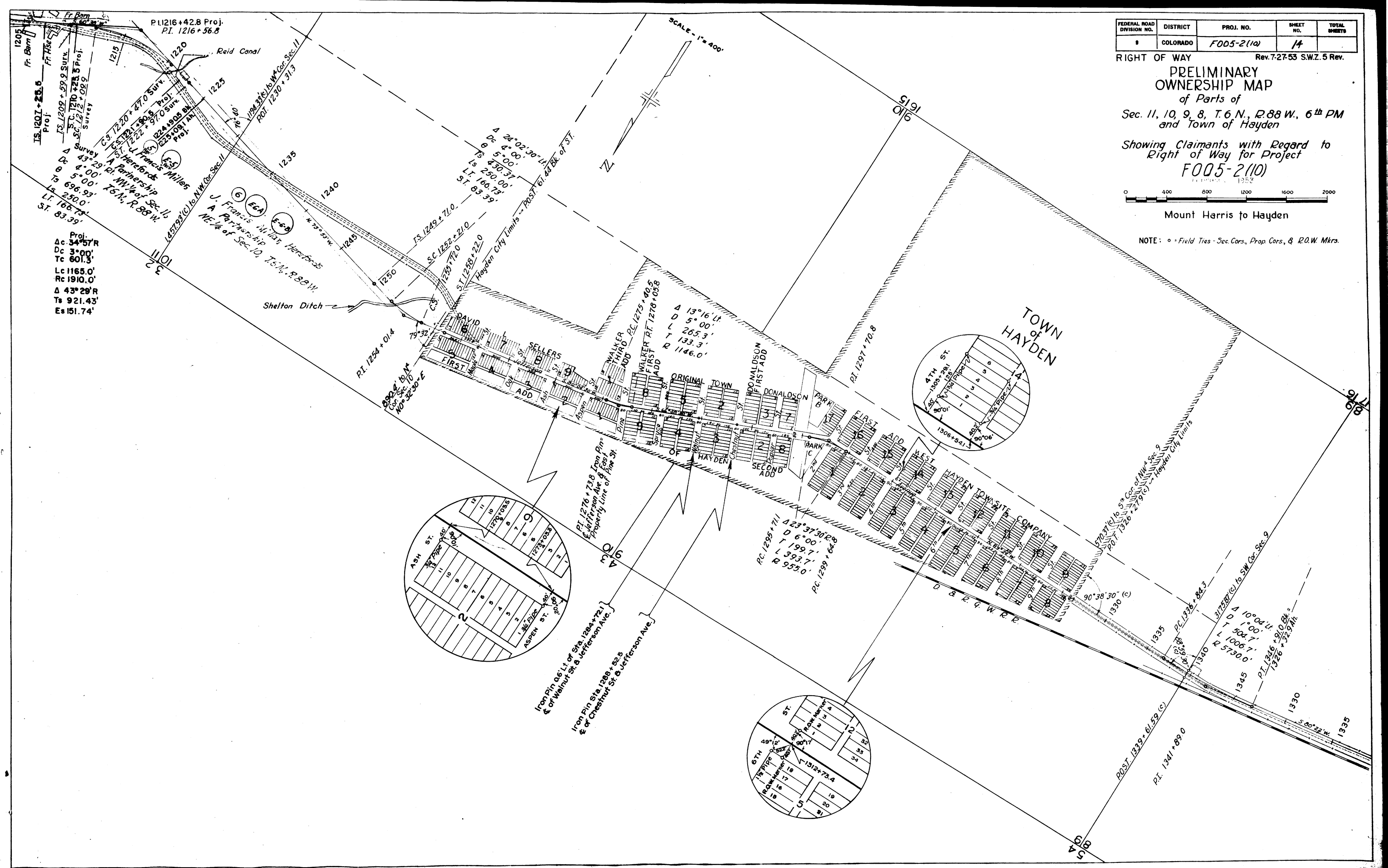
Showing Claimants with Regard to
Right of Way for Project

F005-2(10)

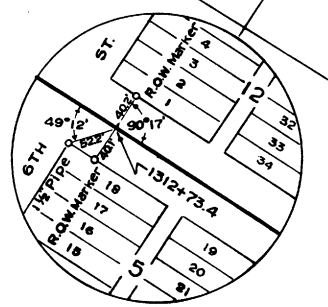
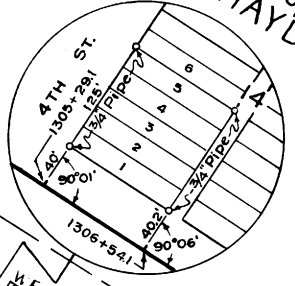
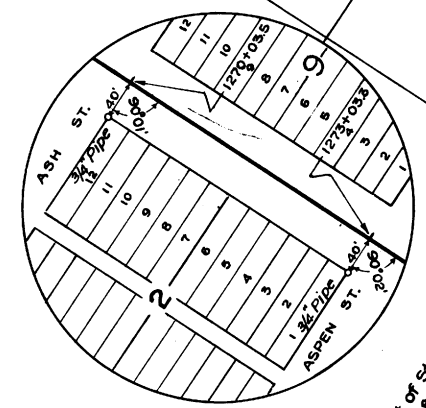


Mount Harris to Hayden

NOTE: • = Field Ties - Sec. Cors., Prop. Cors., & R.O.W. Mkrs.



Proj.
Ac 34.57 R
Dc 3.00
Tc 601.3
Lc 1165.0
Rc 1910.0
Δ 43° 29' R
Ts 921.43'
Es 151.74'



Iron pin 66' Lt of Sta 1284+72.1
of Walnut St. & Jefferson Ave.
Iron pin Sta 1288+52.5
of Chestnut St. & Jefferson Ave.

PC 1289+71
Δ 23° 37' 30" R
D 6.00'
L 199.7'
T 199.7'
R 955.0'

Δ 13° 16' Lt
D 5.00'
L 265.3'
T 133.3'
R 1146.0'

Δ 10° 04' Lt
D 1.00'
L 504.7'
T 1006.7'
R 5730.0'

FENCING REQUIREMENTS

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 005 - 2(10)	6	

Rev. 8-11-53, Fencing Requirements, J.C.R.

STATION	SIDE	REMOVE FENCE	REMOVE & REBUILD FENCE	BUILD BARBED WIRE FENCE	BARBED WIRE GATES	REMARKS
		LIN. FT.	LIN. FT.	LIN. FT.	EACH	
999 + 80 to 1007 + 88	Lt.	810				
1019 + 62	Lt.	60				
1020 + 22	Lt.	60				
1020 + 22 to 1033 + 48	Lt.	1,340				
1033 + 70 to 1059 + 00	Lt.	2,560				
1057 + 80 to 1066 + 00	Lt.	830				
1068 + 20 to 1077 + 40	Lt.	920				
1082 + 00 to 1088 + 70	Lt.	670				
1145 + 27	Lt.	60				
1170 + 00 to 1175 + 10	Lt.	560				
1175 + 60 to 1184 + 40	Lt.	880				
1184 + 00 to 1202 + 20	Lt.	1,825				
1205 + 85 to 1206 + 65	Lt.	25	90			Bd. Fence
1221 + 15	Lt.	65				
1221 + 70 to 1222 + 56	Lt.		280			Hay Corral
999 + 80 to 1011 + 74	Lt.			1,180		
1011 + 84	Lt.				1	
1011 + 94 to 1019 + 62	Lt.			770		
1019 + 62	Lt.				1	N. S. Fence
1020 + 22	Lt.				1	Outside the R.O.W.
1020 + 22 to 1033 + 48	Lt.			1,345		
1057 + 80 to 1064 + 00	Lt.			620		
1064 + 10	Lt.				1	
1064 + 20 to 1066 + 00	Lt.			180		
1082 + 00 to 1089 + 90	Lt.			780		
1090 + 00	Lt.				1	
1090 + 10 to 1119 + 60	Lt.			2,925		
1120 + 20	Lt.				1	Outside the R.O.W.
1120 + 20 to 1145 + 00	Lt.			2,490		
1145 + 27 to 1157 + 80	Lt.			1,255		
1157 + 90	Lt.				1	
1158 + 00 to 1172 + 62	Lt.			1,460		
1172 + 72	Lt.				1	
1172 + 82	Lt.				1	Outside the R.O.W.
1172 + 82 to 1175 + 10	Lt.			230		
1184 + 00 to 1191 + 40	Lt.			740		
1191 + 50	Lt.				1	
1202 + 20 to 1205 + 80	Lt.			400		Five-Wire
1191 + 60 to 1202 + 20	Lt.			1,055		
1208 + 00 to 1221 + 60	Lt.			1,390		Five-Wire
1221 + 70	Lt.				1	Five-Wire
1238 + 50	Lt.				1	Five-Wire
1221 + 80 to 1257 + 40	Lt.			3,520		Five-Wire
1119 + 60	X	120				
1120 + 20	X	120				
1133 + 06	X	210				
1138 + 74	X	220				
1143 + 89	X	195				
1144 + 94	X	195				
1234 + 33	X	490				
1236 + 92	X	480				
1257 + 29	X	120				
999 + 80 to 1001 + 80	Rt.	225				
1001 + 80 to 1004 + 00	Rt.		220			
1007 + 88 to 1019 + 62	Rt.	1,185				
1029 + 60 to 1033 + 70	Rt.	420				
1059 + 00 to 1065 + 53	Rt.	670				
1066 + 04 to 1068 + 20	Rt.	240				

STATION	SIDE	REMOVE FENCE	REMOVE & REBUILD FENCE	BUILD BARBED WIRE FENCE	BARBED WIRE GATES	REMARKS
		LIN. FT.	LIN. FT.	LIN. FT.	EACH	
1077 + 40 to 1082 + 40	Rt.	510				
1085 + 80 to 1088 + 70	Rt.	300				
1083 + 70 to 1094 + 25	Rt.	575				
1107 + 50 to 1109 + 00	Rt.	165				
1130 + 00 to 1142 + 20	Rt.	1,220				
1145 + 27 to 1170 + 00	Rt.	2,485				
1174 + 25 to 1175 + 60	Rt.	175				
1184 + 40 to 1186 + 20	Rt.	195				
1193 + 00 to 1201 + 35	Rt.		835			
1202 + 00 to 1205 + 15	Rt.	15	315			
1205 + 15 to 1208 + 45	Rt.		325			
1214 + 00 to 1221 + 80	Rt.	30	770			
1221 + 15 to 1232 + 00	Rt.	1,105				
999 + 80 to 1001 + 80	Rt.			220		
1029 + 60 to 1065 + 53	Rt.			3,550		
1065 + 53	Rt.				1	On Fence
1086 + 04	Rt.				1	Outside the R.O.W.
1066 + 04 to 1082 + 40	Rt.			1,665		
1085 + 80 to 1088 + 70	Rt.			290		
1094 + 25 to 1109 + 00	Rt.			1,540		
1130 + 00 to 1142 + 20	Rt.			1,220		
1180 + 00 to 1186 + 20	Rt.			660		
1221 + 80 to 1257 + 20	Rt.			3,545		
1233 + 00	Rt.				1	Six-Wire
TOTALS				3,545	1	Six-Wire
TOTALS				8,840	2	Five-Wire
TOTALS		22,330	2,835	20,645	12	

A It is estimated that 60 Treated Wooden Line Posts will be required for Removing & Rebuilding fence.

* Estimated 161 Gate Nails to be installed by State Forces.

* Standard Four-Wire Fence.

R.O.W. MARKERS

STATION	SIDE	NUMBER
1001 + 00	Lt.	1
1031 + 00	Lt.	1
1046 + 00	Rt.	1
1062 + 00	Lt.	1
1074 + 00	Rt.	1
1089 + 00	Lt.	1
1104 + 00	Rt.	1
1118 + 00	Lt.	1
1135 + 00	Rt.	1
1149 + 00	Lt.	1
1171 + 00	Lt.	1
1184 + 00	Rt.	1
1199 + 00	Lt.	1
1216 + 00	Rt.	1
1228 + 00	Lt.	1
1242 + 00	Rt.	1
1255 + 00	Lt.	1
TOTALS		17

SURFACING PLAN

It is estimated that Surfacing Material for the Project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

No alteration of the Surfacing Plan as here outlined will be allowed without written permission from the Department.

MATERIAL TO BE PLACED	SOURCE AVAILABLE & "R" VALUE	QUANTITY TONS USED			OVERHAUL TON MILE		
		ASPH. SURF.	BASE COURSE	SHOULDER SURF.	ASPH. SURF.	BASE COURSE	SHOULDER SURF.
999 + 42 to 1172 + 65	Pit No. 1 O. W. Hooker 80,000 Cu. Yds. Available R" = 79	4,677	11,606	1,559	8,396	20,835	2,799
1172 + 65 to 1224 + 92.28		1,411	3,502	470	917	2,275	305
1225 + 06.34 to 1257 + 60.6		879	2,180	293	1,277	3,167	426
Estimated for: Road Approaches Bridge Widening			1,038			1,573	
		114	196		169	289	
TOTALS		7,081	18,522	2,322	10,759	28,144	3,530
PROJECT TOTALS		7,081	20,844			42,433	

TIMBER GUARD POSTS

STATION	SIDE	SPACING	NUMBER
1015 + 23	Rt. & Lt.	Culvert	2
1020 + 50	Rt. & Lt.	Culvert	2
1034 + 25	Rt. & Lt.	Culvert	2
1040 + 87	Rt. & Lt.	Culvert	2
1043 + 86	Rt. & Lt.	Culvert	2
1050 + 84	Rt. & Lt.	Culvert	2
1055 + 80	Rt. & Lt.	Culvert	2
1062 + 31	Lt.	Culvert	1
1062 + 46 to 1112 + 87	Rt.	1" Curve	50
1076 + 00	Lt.	Culvert	1
1091 + 00	Lt.	Culvert	1
1106 + 00 to 1111 + 00	Lt.	100'	6
1139 + 00 to 1144 + 00	Rt. & Lt.	100' Tan.	12
1151 + 47	Rt. & Lt.	Culvert	2
1169 + 89	Rt. & Lt.	Culvert	2
1173 + 40 to 1190 + 43	Rt.	3" Curve	22
1175 + 56	Lt.	Culvert	1
1181 + 00	Lt.	Culvert	1
1192 + 80	Rt. & Lt.	Culvert	2
1198 + 04	Rt. & Lt.	Culvert	2
1204 + 50	Rt. & Lt.	Culvert	2
1205 + 13	Rt. & Lt.	Culvert	2
1210 + 03	Rt. & Lt.	Culvert	2
1221 +	Rt. & Lt.	Bridge	20
1244 + 33	Rt. & Lt.	Culvert	2
1250 + 78	Rt. & Lt.	Culvert	2
1252 +	Rt. & Lt.	Bridge	20
1257 + 10	Rt. & Lt.	Culvert	2
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