

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. AA-1, SECTION 4 STATE HIGHWAY NO. 141 MESA COUNTY

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	AA-1, SECTION 4	1	

RIGHT OF WAY

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
2	TABULATION OF PROPERTIES
3-13	PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY
14-15	R.O.W. OWNERSHIP MAPS

CONVENTIONAL SIGNS

CENTER LINE	PLAN SHEET	TITLE SHEET
RIGHT OF WAY LINE	R.O.W. MARKER	
COUNTY LINE		
TOWNSHIP OR RANGE LINE		
LAND LINES	SECTION LINE	1/4 SECTION LINE
RAILROAD	TITLE SHEET	PLAN SHEET
BARBED WIRE FENCE		
COMBINATION WIRE FENCE		
SNOW FENCE		
TELEPHONE & TELEGRAPH LINES		
POWER LINE		
DETOUR		
PRESENT ROAD (Plan Sheets)		

SCALE 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 } UNIT NO. 1 UNIT NO. 2
NET LENGTH OF PROJECT } 1,510.9 MI. = 0.286 MI. 27,666.3 FT. = 5.240 MI.

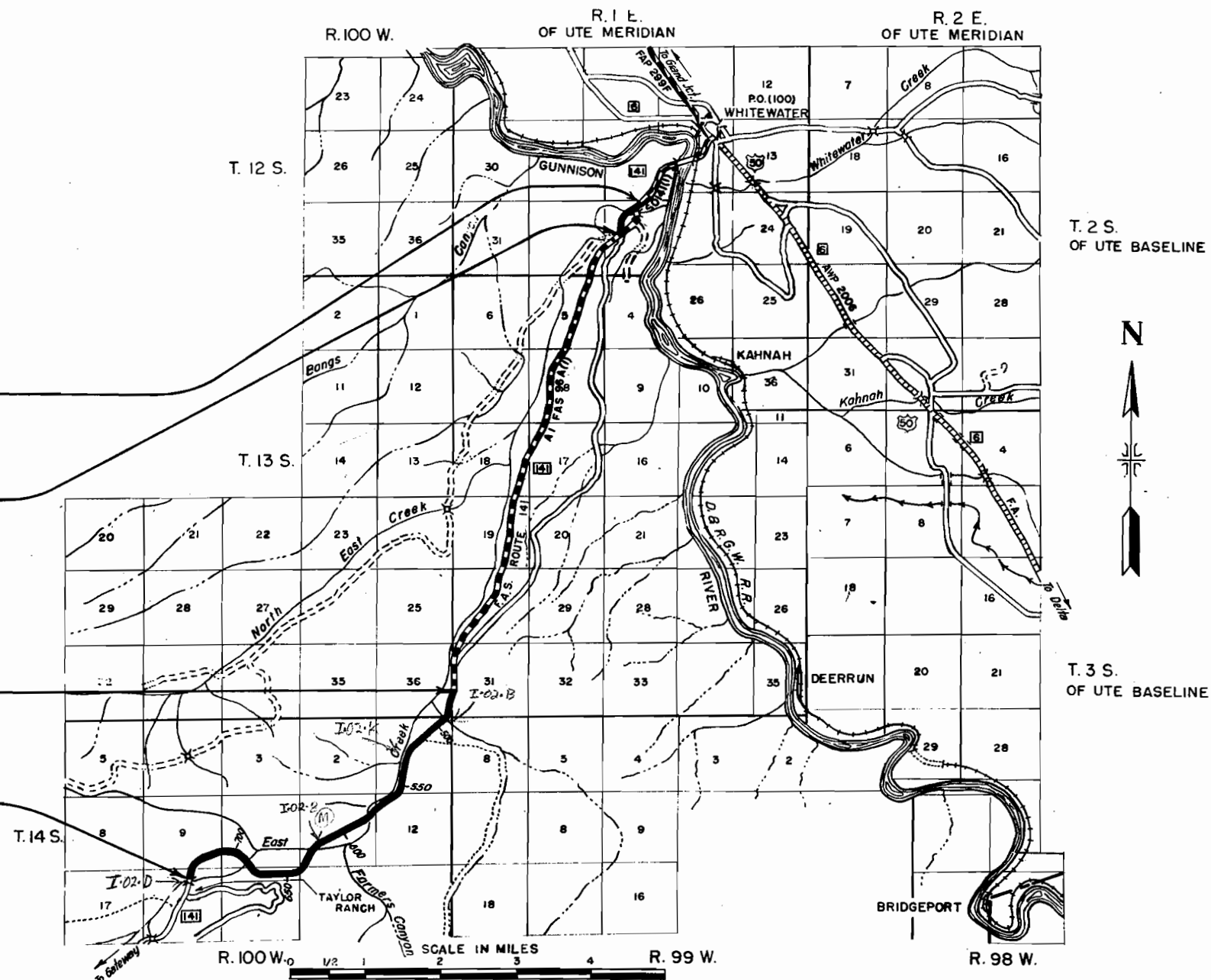
RIGHT OF WAY

STA. 61+99.4 BEGIN AA-1, SECTION 4, UNIT 1 =
STA. 61+97.4 OF SO141 (1)

STA. 77+10.3 BK. END AA-1, SECTION 4, UNIT 1 =
STA. 74+84.9 AH. F.A.S. 96-A (1)

STA. 466+50 BEGIN AA-1, SECTION 4, UNIT 2 =
STA. 466+50 END F.A.S. 96-A (1)

STA. 745+00 END AA-1, SECTION 4, UNIT 2



FENCING REQUIREMENTS

STATIONS	SIDE	REMOVE	REMOVE & REBUILD	BUILD B.W. FENCE	BUILD COMB. FENCE	B.W. GATES
		FENCE LIN. FT.	FENCE LIN. FT.	LIN. FT.	LIN. FT.	EACH
63+50 to 68+00 67+80 to 72+00	Lt. Rt.		450 510			
Totals-Unit 1			960			
539+00 to 546+50 546+50 to 568+00 569+70 to 571+80 584+50 to 598+00	Lt. Lt. Lt. Lt.	630	2,180 210 1,380			
601+40 to 608+80 623+50 to 638+20 641+20 to 650+00 650+00 to 652+30 652+30 to 664+90	Lt. Lt. Lt. Lt. Lt.		720 1,380 880 1,260			
664+90 to 687+00 687+00 to 715+40 715+40 to 736+40 736+40 to 738+10 740+00 to 740+227	Lt. Lt. Lt. Lt. Lt.	2,260	2,840 2,090 170 20			
497+20 to 508+70 528+00 to 535+80 543+00 to 547+00 547+70 to 549+50 549+50 to 557+20	Rt. Rt. Rt. Rt. Rt.	1,300	1,150 470 180 770			
565+00 to 567+70 709+50 to 726+50 729+70 to 740+227 539+80 to 546+50 619+00 to 623+10	Rt. Rt. Rt. Lt. Lt.		270 1,700 1,060	640 420		
650+00 to 652+30 664+50 to 687+00 677+70 523+00 to 535+80 532+50	Lt. Lt. Lt. Rt. Rt.			2,220 1,300	230	1 1
Totals-Unit 2		4,590	18,730	4,580	230	2
Project Totals		4,590	19,690	4,580	230	2

* Pole Fence

It is estimated that the following number of new treated line posts will be required to rebuild fence:

Unit 1 - 5
Unit 2 - 95
Project Total - 100

Estimated number of Date Nails required - 34

TIMBER GUARD POSTS

STATION	SPACING	NUMBER	
		Left	Right
71+07.4 to 72+57.5 72+67.9 to 73+31.9 74+40.8 to 75+04.8	50' Bridge Bridge	4 5 5	
468+50 to 469+50 472+50 to 475+00 474+50	50' 50' Culv.		3 6 1
478+00 to 480+52 489+92.7 to 490+56.7	630 Curve Bridge	8 5	
491+49.3 to 492+13.3 511+50 to 512+00 520+00	Bridge 50' Culv.	5 2 1	5 2
528+50 to 529+00 549+00	50' Culv.	2 1	2 1
568+50 to 569+50 577+08.7	50' 50'		3
577+57.7 to 578+21.7 578+91.3 to 579+55.3 588+1.7	Bridge Bridge Culv.	5 5 1	5 5 1
591+00 to 592+00 591+70	50' Culv.	3 1	
595+05 to 601+20 601+00	6" Curve Culv.	12 1	1
603+50 to 609+00	50'	12	
609+00 622+58.0 to 623+22.0 623+42.5 to 623+83.5 630+00 to 631+00 638+2.2	Culv. Bridge Bridge 50' Culv.	1 5 5 3 1	1 5 5 1
643+00 to 645+03 645+63 647+50 to 649+81 651+98 668+30	10" Curve Culv. 8" Curve Culv. Culv.	8 1 8 1 1	1 1 1 1
675+00 685+00 690+00	Culv. Culv. Culv.	1 1 1	1 1 1
699+41 to 700+09 715+00 to 716+00 737+89	730 Curve 50' Culv.	3 3 1	3 3 1
Totals-Unit 1		14	10
Totals-Unit 2		100	72
Project Totals		114	82

Number of Date Nails required - 196

R. O. W. MARKERS

STATION	NUMBER	
	Left	Right
466+50 482+00 493+50 506+00 519+00	1 1 1 1 1	
532+36.8 545+86.1 559+00 572+00 585+20.1	1 1 1 1 1	1 1 1 1 1
596+83.4 612+44.3 625+15.7 638+00 651+98.0	1 1 1 1 1	1 1 1 1 1
666+21.6 678+00 690+87.1 703+65.0 717+50	1 1 1 1 1	1 1 1 1 1
731+55.1 740+22.7	1 1	1 1
Totals	11	11

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	AA-1 Sec. 4	5	

OBLITERATING OLD ROAD

STATION	SIDE	LENGTH IN LIN. FT.
68+ to 70+	Lt	200
487+ to 491+	Lt	480
532+ to 540+	Lt	850
557+ to 562+	Rt	510
577+ to 580+	Lt	400
592+ to 597+	Rt	610
619+ to 624+	Rt	650
726+ to 729+	Rt	300
Totals-Unit 1		200
Totals-Unit 2		3,800
Project Total		4,000

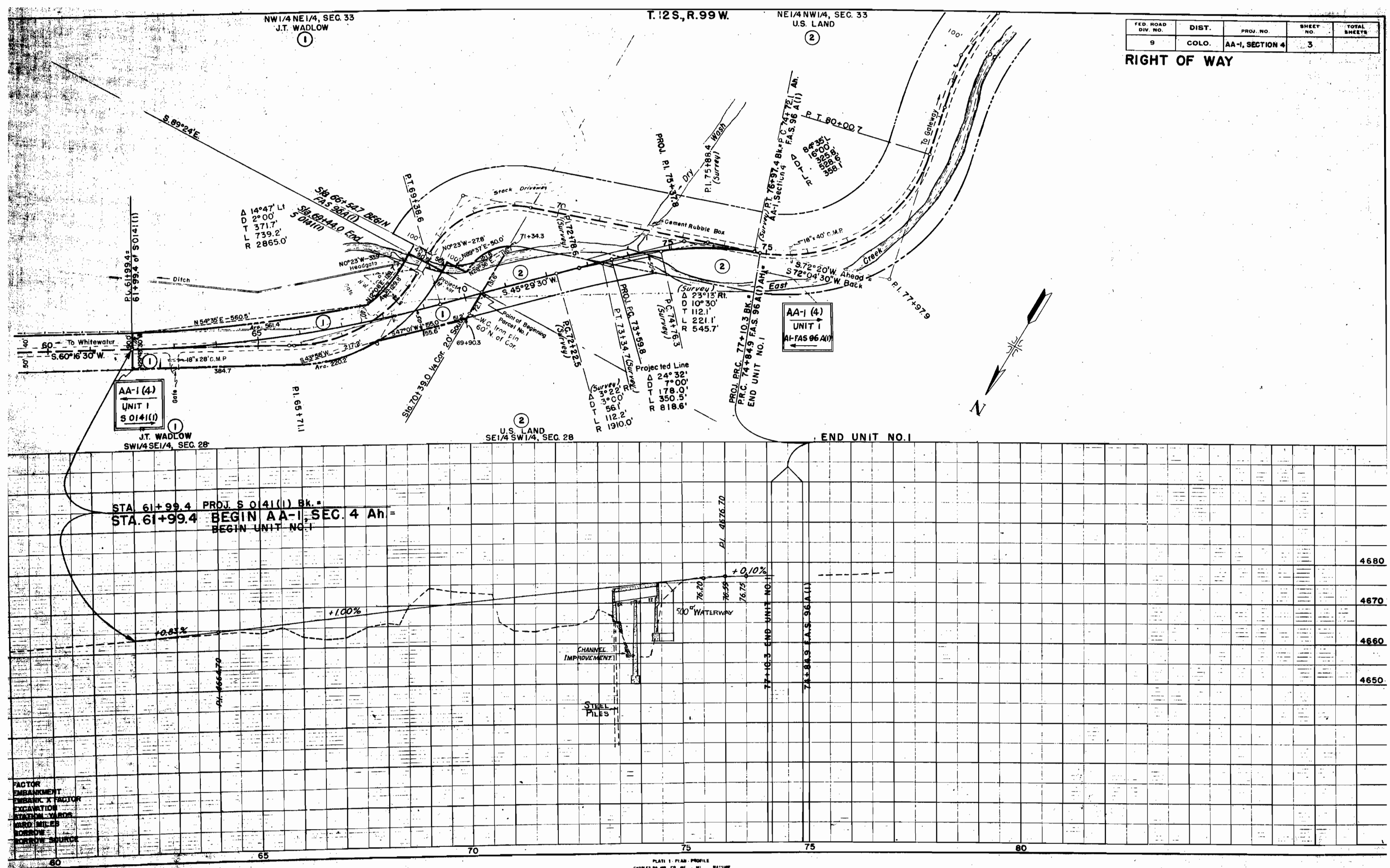
MESA COUNTY S.H.No. 141 PROJ. AA-1, SECTION 4

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES		TO BE ACQUIRED				REMARKS	NO.
				TOTAL LAND IN TRACT	PARCEL	CULTIVATED		UNCULTIVATED			
1	J.T. Wadlow	Whitewater, Colorado	SW1/4SE1/4, Sec. 28 & NW1/4NE1/4, Sec. 33, T.12S., R.99W., 6 PM.		2.278		0.667				1
2	U.S. Land		SE1/4SW1/4, Sec. 28 & NE1/4NW1/4, Sec. 33, T.12S., R.99W., 6 PM.								2
1	Alva W. Taylor	Whitewater, Colorado	SE1/4 Sec. 36, T.13S., R.100W., 6 PM.		5.642		2.454				1
1-A	U.S. Land		NW1/4SW1/4, Sec. 31, T.13S., R.99W., 6 PM.								1-A
2	Alva W. Taylor	Whitewater, Colorado	LOTS 1 and 2, Sec. 1, T.14S., R.100W., 6 PM.		3.806		1.536				2
3	U.S. Land		SW1/4NE1/4, Sec. 1, T.14S., R.100W., 6 PM.								3
4	Alva W. Taylor	Whitewater, Colorado	W1/2 Sec. 1, T.14S., R.100W., 6 PM.		7.245	0.160	3.530				4
5	Alva W. Taylor	Whitewater, Colorado	NW1/4 Sec. 12, T.14S., R.100W., 6 PM.		2.862	0.792	0.153				5
6	U.S. Land		NE1/4NE1/4, SE1/4NE1/4, SW1/4NE1/4 & NW1/4SE1/4 Sec. 11, T.14S., R.100W., 6 PM.								6
7	Alva W. Taylor	Whitewater, Colorado	Big Four Metallic & Humming Bird Lode Claims in NE1/4SW1/4, Sec. 11, T.14S., R.100W., 6 PM.		1.653		0.662				7
8	U.S. Land		NE1/4SW1/4 & NW1/4SW1/4, Sec. 11, T.14S., R.100W., 6 PM.								8
9	Alva W. Taylor	Whitewater, Colorado	SW1/4SW1/4, Sec. 11, T.14S., R.100W., 6 PM.		3.489	0.650	0.746				9
10	U.S. Land		NW1/4NW1/4, Sec. 14, T.14S., R.100W., 6 PM.								10
11	Alva W. Taylor	Whitewater, Colorado	N1/2 Sec. 15, T.14S., R.100W., 6 PM.		8.236	1.749	1.327				11
12	Alva W. Taylor	Whitewater, Colorado	SW1/4 Sec. 10, T.14S., R.100W., 6 PM.		4.694	0.863	0.712				12
13	Alva W. Taylor	Whitewater, Colorado	SE1/4SE1/4, Sec. 9, T.14S., R.100W., 6 PM.		3.294	0.646	0.646				13
14	U.S. Land		SW1/4SE1/4, Sec. 9, T.14S., R.100W., 6 PM.								14
15	Alva W. Taylor	Whitewater, Colorado	Nighthawk Lode Claim in SW1/4SE1/4, Sec. 9, T.14S., R.100W., 6 PM.		0.857		0.421				15
16	U.S. Land		SW1/4SE1/4, Sec. 9, T.14S., R.100W., 6 PM.								16
17	Alva W. Taylor	Whitewater, Colorado	N1/2, Sec. 16, T.14S., R.100W., 6 PM.		3.642	0.615	0.617				17
18	U.S. Land		NE1/4NW1/4, Sec. 16, T.14S., R.100W., 6 PM.								18
— EASEMENTS —											
E-4-A	Alva W. Taylor	Whitewater, Colorado	NE1/4SW1/4, Sec. 1, T.14S., R.100W., 6 PM.		0.161		0.161				E-4A
E-4-B	Alva W. Taylor	Whitewater, Colorado	NE1/4SW1/4, Sec. 1, T.14S., R.100W., 6 PM.		0.161		0.161				E-4B
E-6	U.S. Land		NE1/4NE1/4, Sec. 11, T.14S., R.100W., 6 PM.								E-6
E-8	U.S. Land		NW1/4SW1/4, Sec. 11, T.14S., R.100W., 6 PM.								E-8
E-9	Alva W. Taylor	Whitewater, Colorado	SW1/4SW1/4, Sec. 11, T.14S., R.100W., 6 PM.		0.318		0.318				E-9

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	3	

RIGHT OF WAY



T. 13 S., R. 99 W.

T. 13 S., R. 100 W.

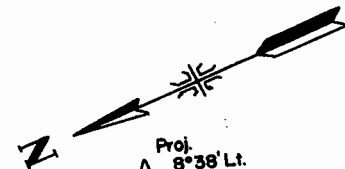
FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	4	

RIGHT OF WAY

EQUATION — PT. 462+95.0 Ah =

N.W. 1/4 S.W. 1/4
SEC. 31
U.S. LAND

BEGIN AA-1 (4)
Sta. 466+500 = End of
A.I. F.A.S. 96-A(1) =
P.I. 466+000



Proj. 8°38' Lt.
4°00'
108.1'
215.8'
432.5'
Survey
Δ = 10°00' L
D = 4°00'
T = 125.3'
L = 250.0'
R = 1432.5'

T. 13 S., R. 99 W.
T. 13 S., R. 100 W.

Proj. 10°52' Lt.
6°00'
90.8'
181.1'
955.0'
Survey
Δ = 4°45' L
D = 10°00'
T = 74.2'
L = 147.5'
R = 573.0'

P.I. 485+50.4

S. 18°04' W.

Δ = 6°44' R
D = 4°00'
T = 84.3'
L = 168.3'
R = 1432.5'

P.T. 466+94.0

N20°29'E-208.1

N.E. 1/4 S.E. 1/4
SEC. 36
ALVA W. TAYLOR

Survey
Δ = 9°29' R
D = 4°00'
T = 118.8'
L = 237.1'
R = 1432.5'

Proj. Δ 26°14' Rt.
D 7°00'
T 190.7'
R 818.6'

Survey
Δ = 22°00' R
D = 14°00'
T = 79.6'
L = 157.1'
R = 409.3'

Proj. P.I. 480+253.6

S.E. 1/4 S.E. 1/4
SEC. 36
ALVA W. TAYLOR

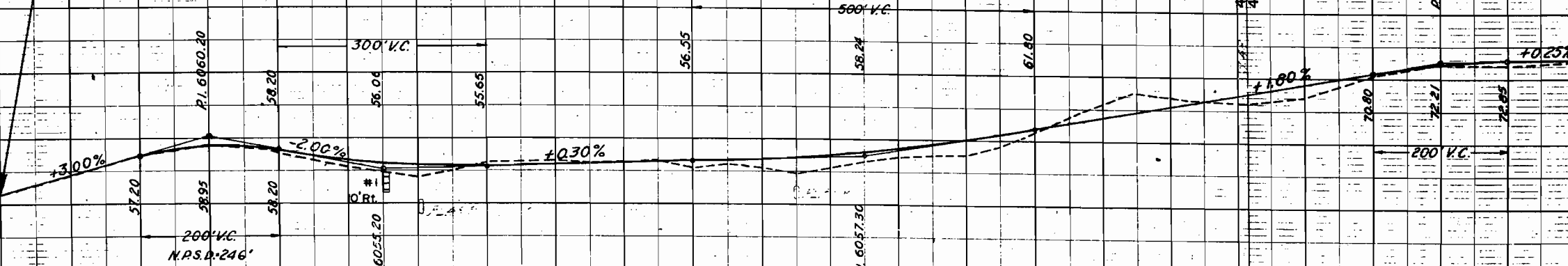
"C" Line
Δ 12°06' Rt.
4°00'
151.8'
302.5'
R 1432.5'

STA. 466+50 END F.A.S. 96-A(1) =
STA. 466+50 BEGIN AA-1, SEC. 4
BEGIN UNIT NO. 2

A-2 (1)
L.I. = NY
P.I. = N.P.
%200 = 400

Sem-solid to Solid Sandstone covered with 1" crushed surfacing

6100
6090
6080
6070
6060
6050
6040
6030



FACTOR
EMBANKMENT
EMBANK. X FACTOR
EXCAVATION
STATION YARDS
YARD MILES
BORROW
BORROW SOURCE

460

465

470

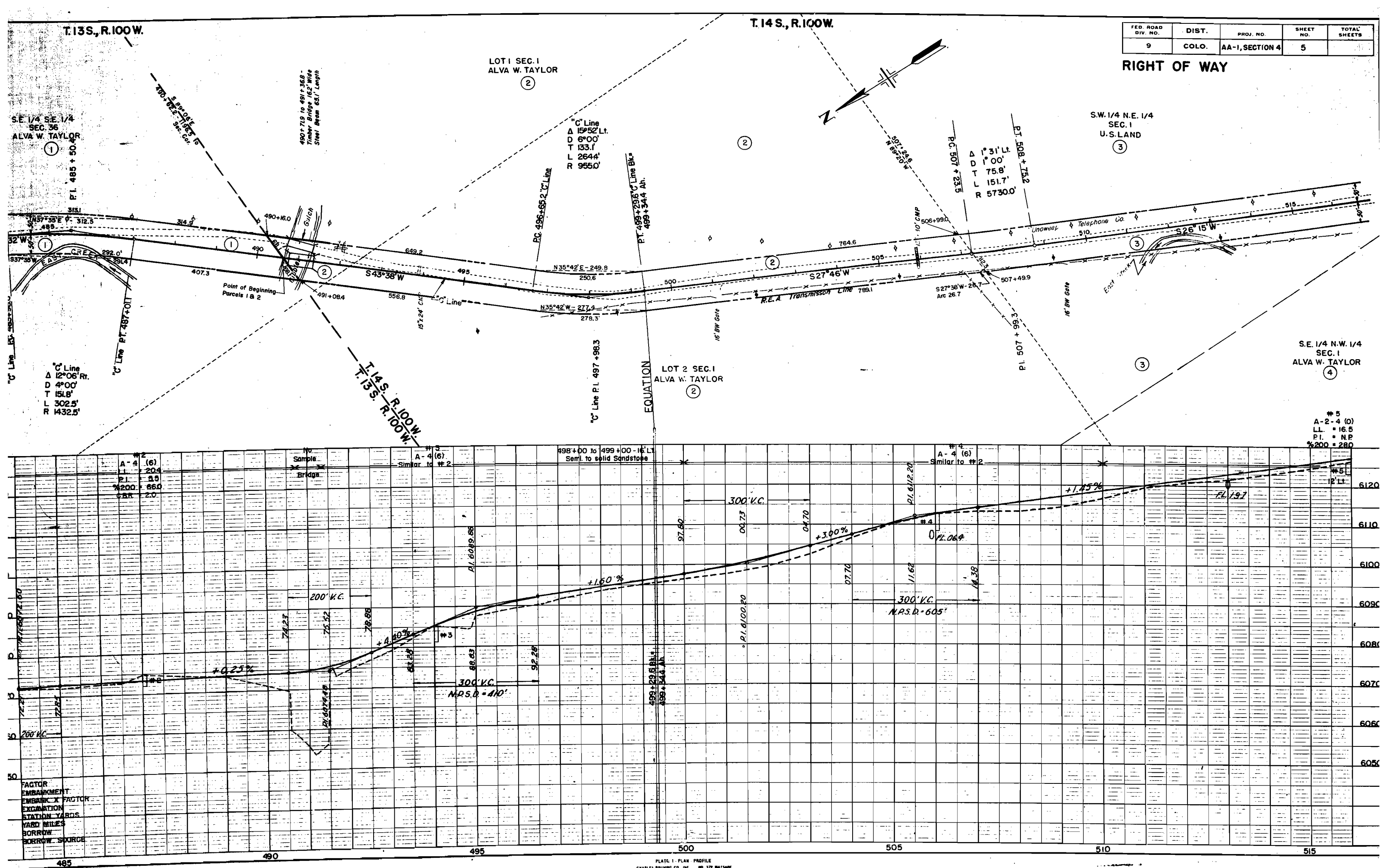
475

480

485

T. 14 S., R. 100 W.

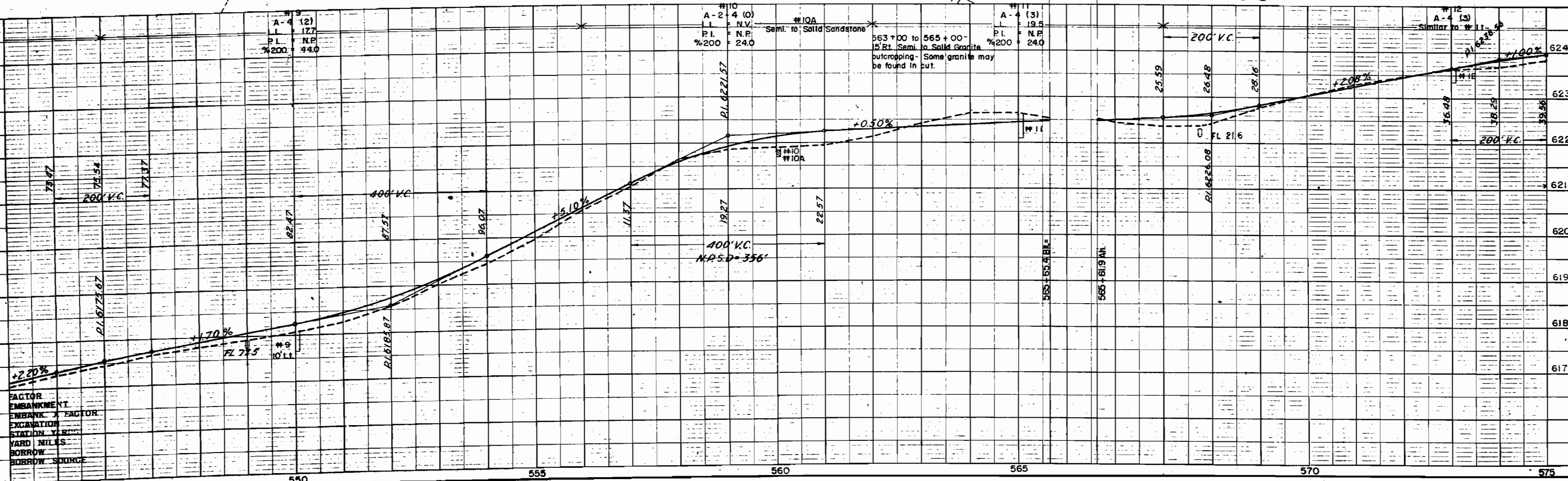
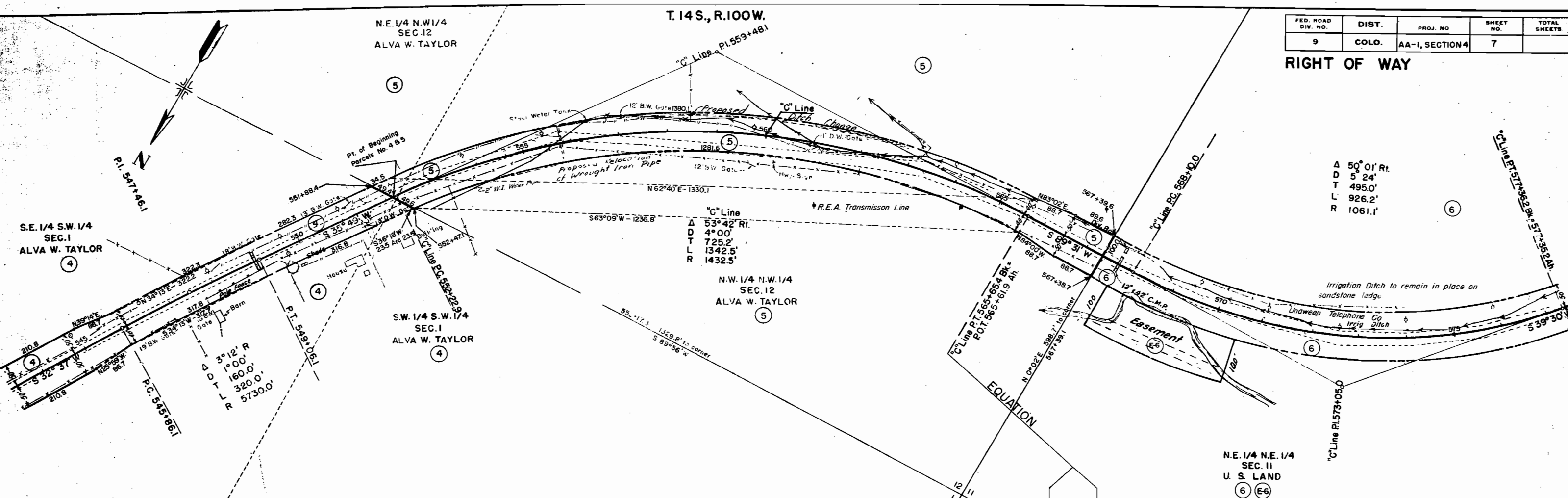
RIGHT OF WAY



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	7	

RIGHT OF WAY

Δ 50° 01' Rt.
D 5' 24"
T 495.0'
L 926.2'
R 1061.1'



FACTOR
EMBANKMENT
EXCAVATION
STATION Y. B.
YARD MILES
BORROW
SOURCE

E. 1/4 N.E. 1/4
SEC. 11
U.S. LAND

SE. 1/4 N.E. 1/4
SEC. 11
U.S. LAND

T. 14S, R. 100W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	8	

RIGHT OF WAY

N.W. 1/4 S.E. 1/4
SEC. 11
U.S. LAND

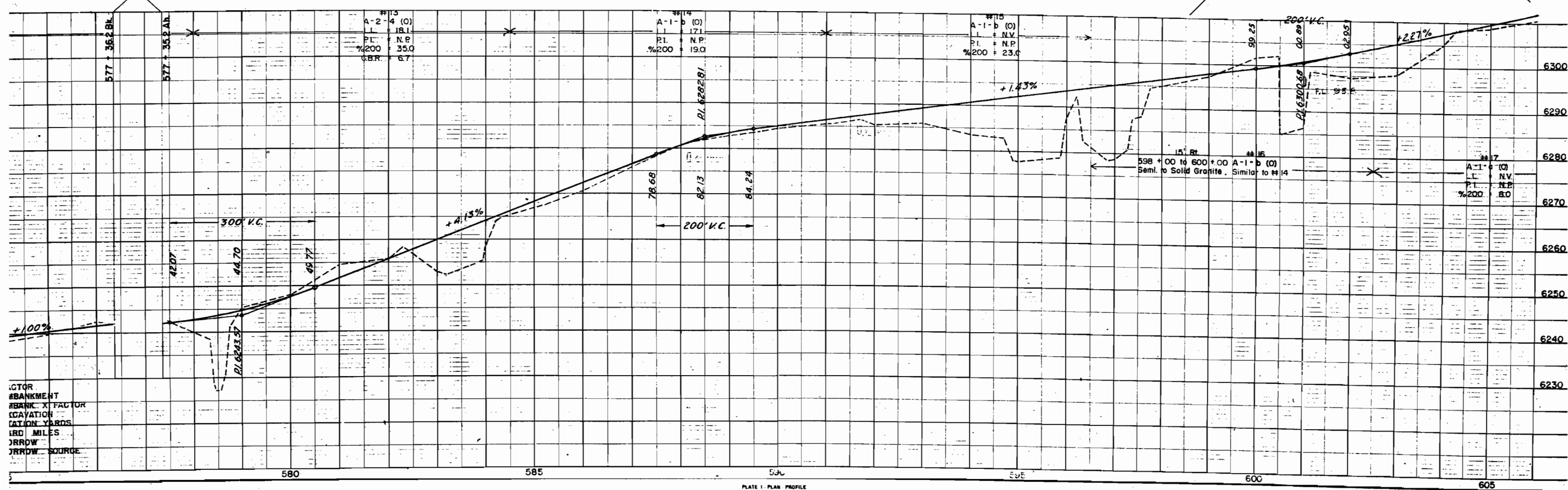
"C" Line
Δ 50° 01' L
D 5° 24'
T 495.0'
L 926.2'
R 1061.1'

"C" Line
Δ 20° 20' L
D 5° 00'
T 205.5'
L 406.7'
R 1146.0'

"D" Line
Δ 29° 10' R
D 8° 00'
T 186.4'
L 364.6'
R 716.3'

"D" Line
Δ 15° 04' R
D 6° 00'
T 126.3'
L 251.1'
R 955.0'

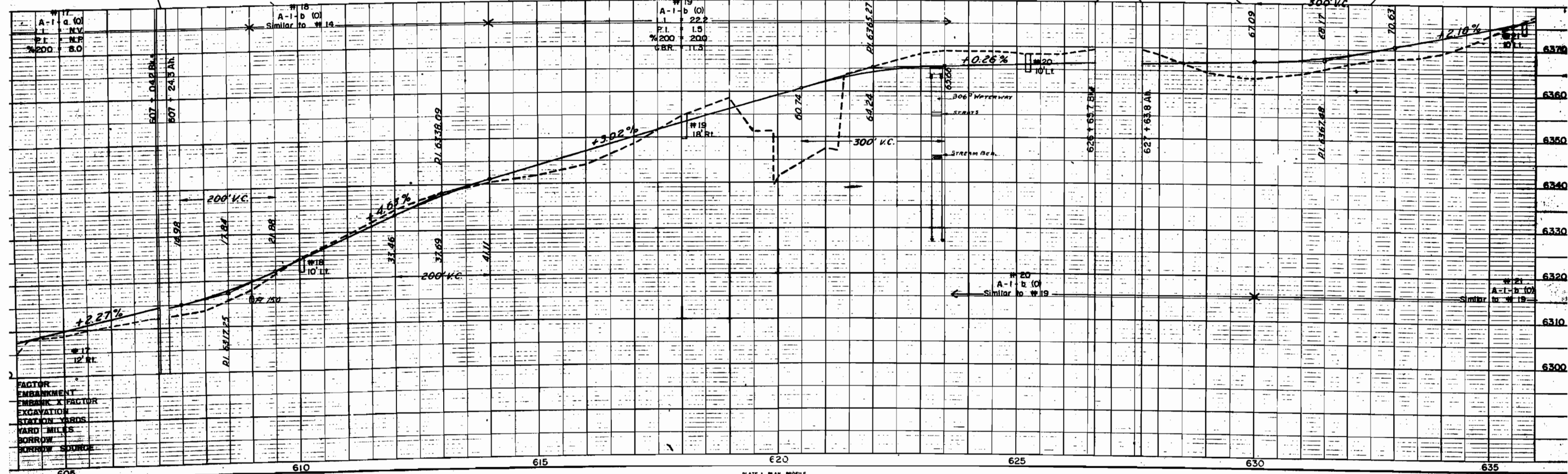
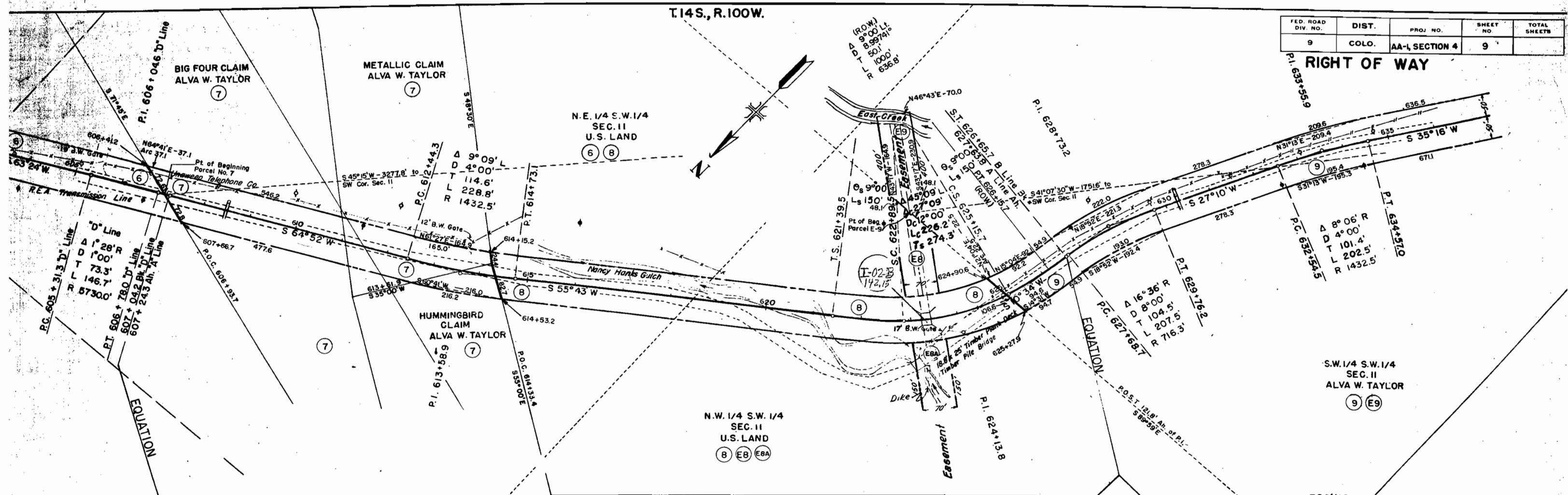
S.W. 1/4 N.E. 1/4
SEC. 11
U.S. LAND



CTOR
BANKMENT
BANK X FACTOR
CAYATION
ATION YARDS
RD MILES
RROW
RROW SOURCE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	9	

RIGHT OF WAY



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	10	

RIGHT OF WAY

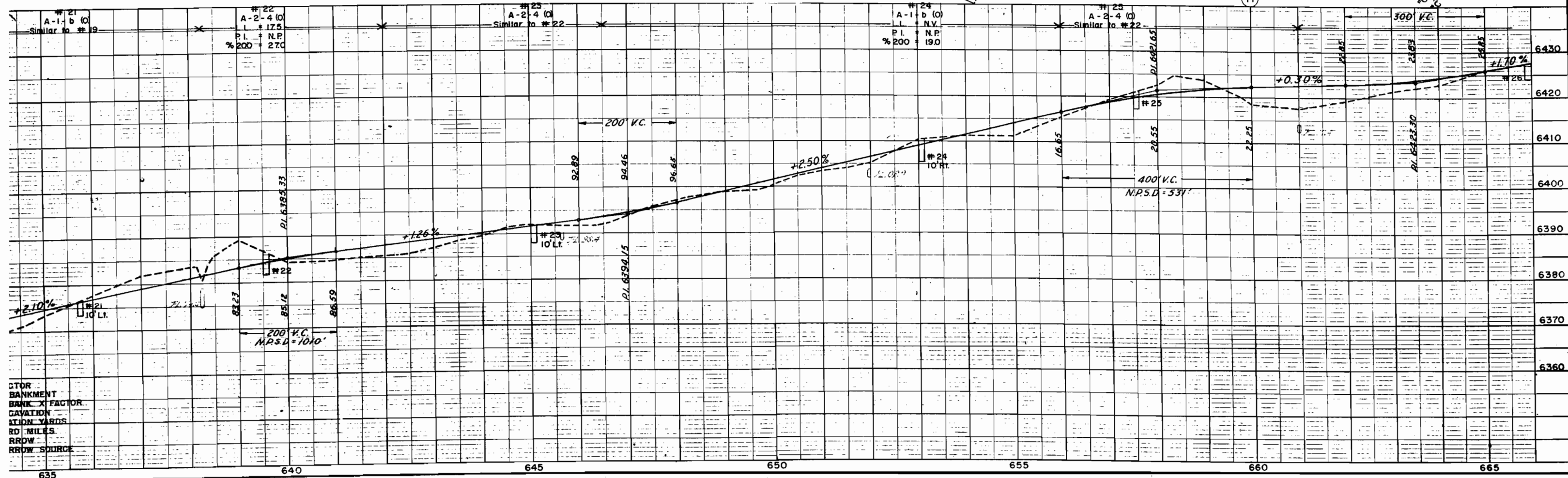
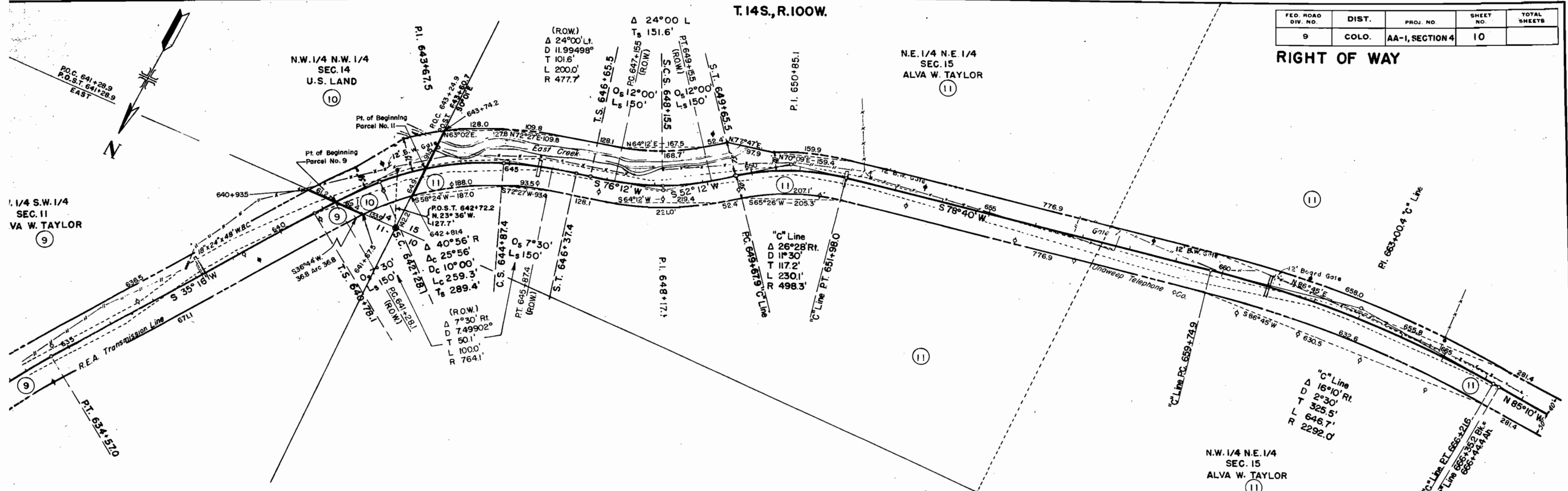


PLATE 1 - PLAN - PROFILE

T.14S., R.100W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	11	

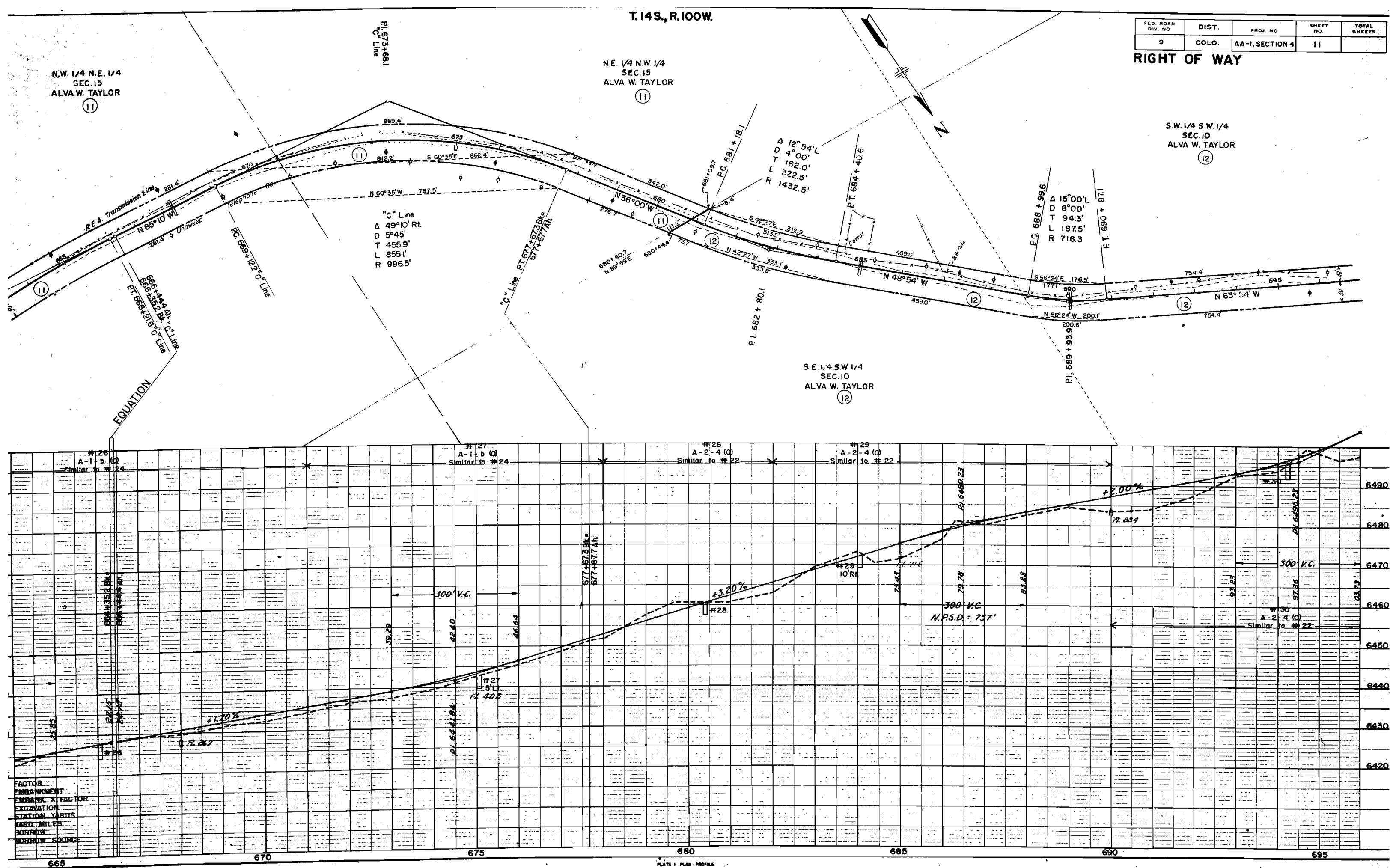
RIGHT OF WAY

N.W. 1/4 N.E. 1/4
SEC. 15
ALVA W. TAYLOR
(11)

NE 1/4 N.W. 1/4
SEC. 15
ALVA W. TAYLOR
(11)

S.W. 1/4 S.W. 1/4
SEC. 10
ALVA W. TAYLOR
(12)

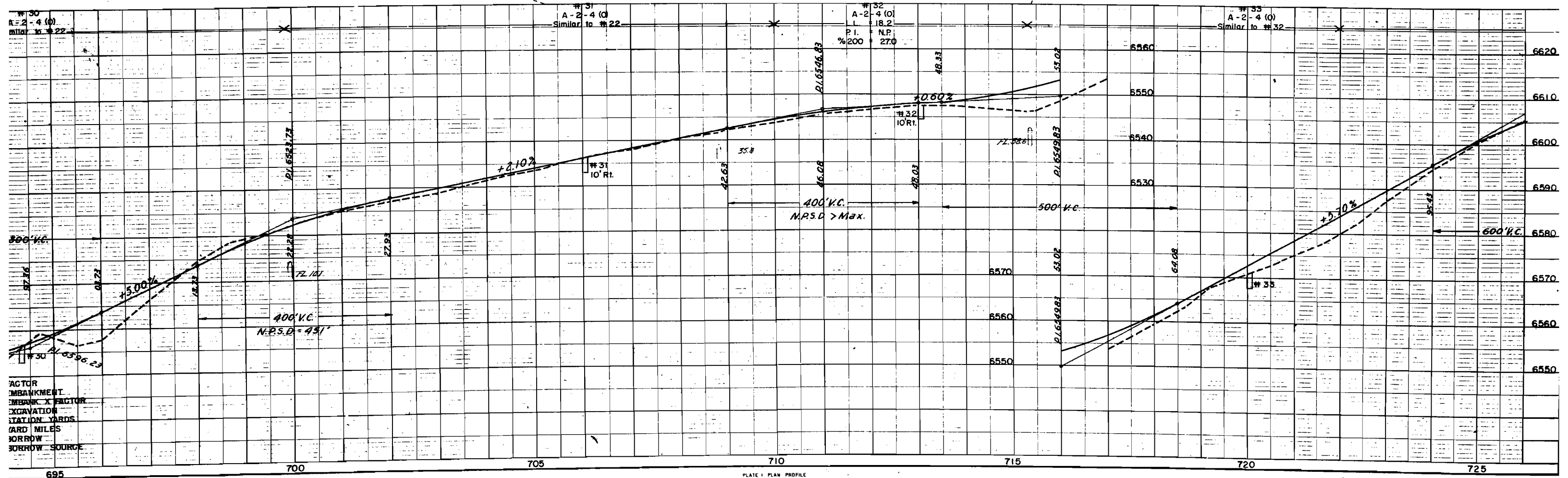
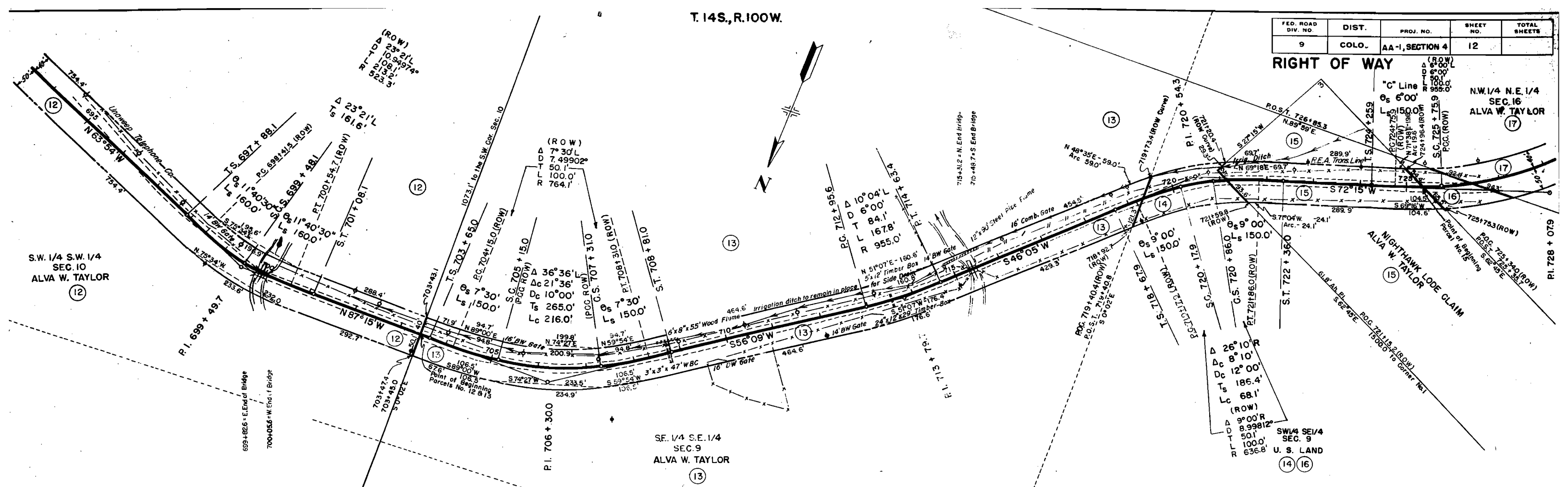
S.E. 1/4 S.W. 1/4
SEC. 10
ALVA W. TAYLOR
(12)



T. 14S, R. 100W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	12	

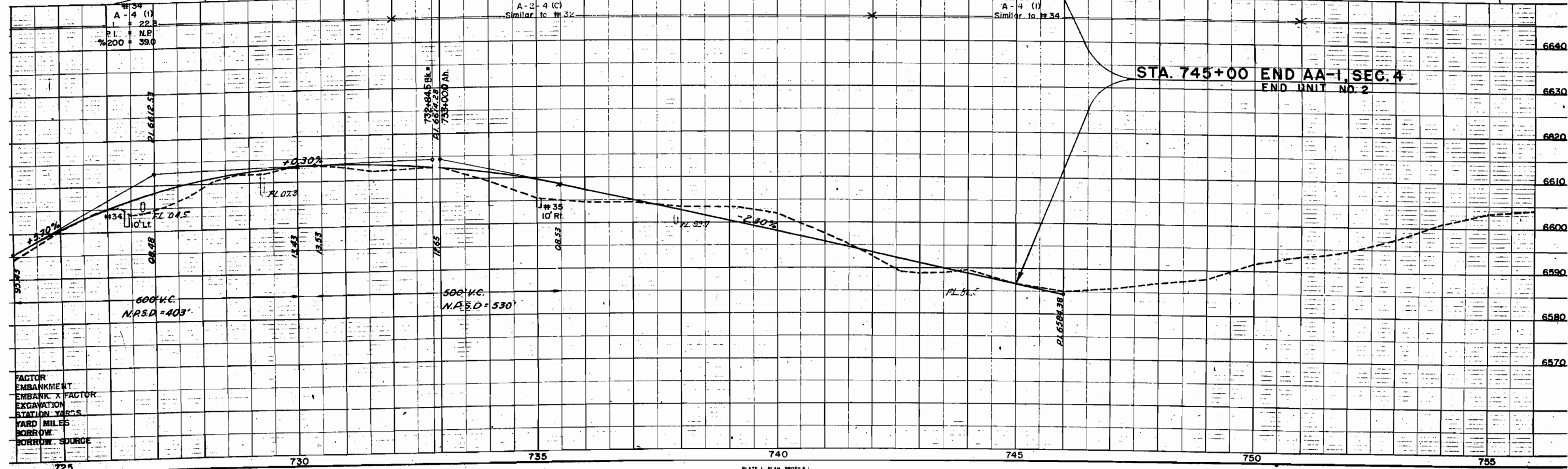
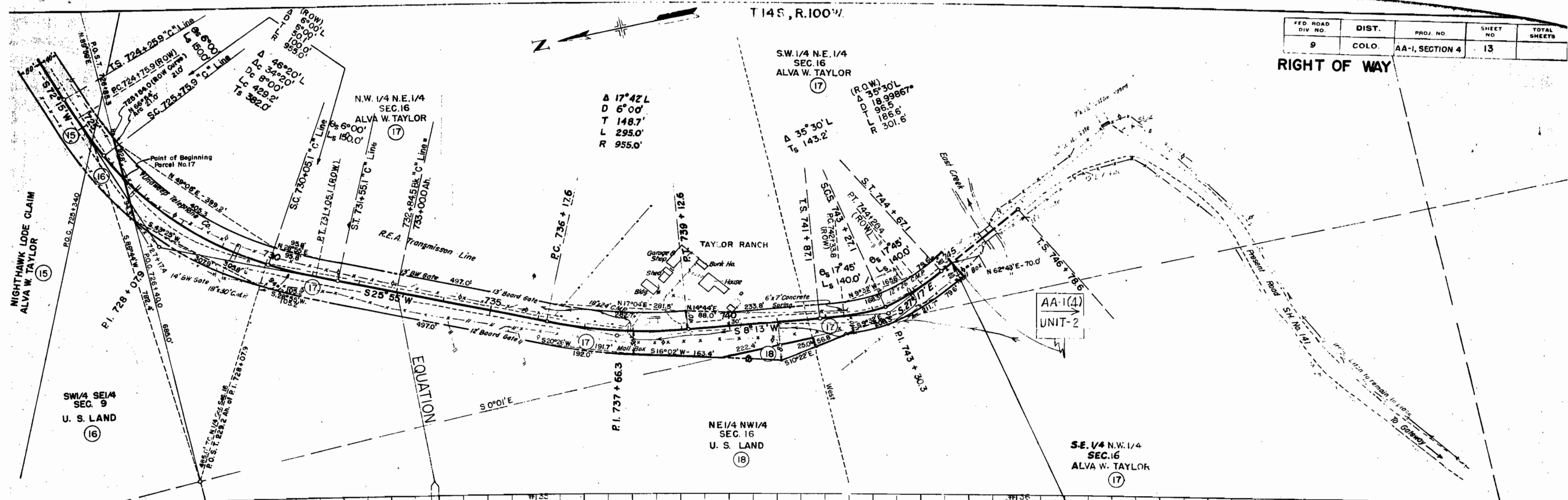
RIGHT OF WAY



ACTOR
EMBANKMENT
EMBANK X FACTOR
EXCAVATION
STATION YARDS
ROAD MILES
BORROW
BORROW SOURCE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-1, SECTION 4	13	

RIGHT OF WAY

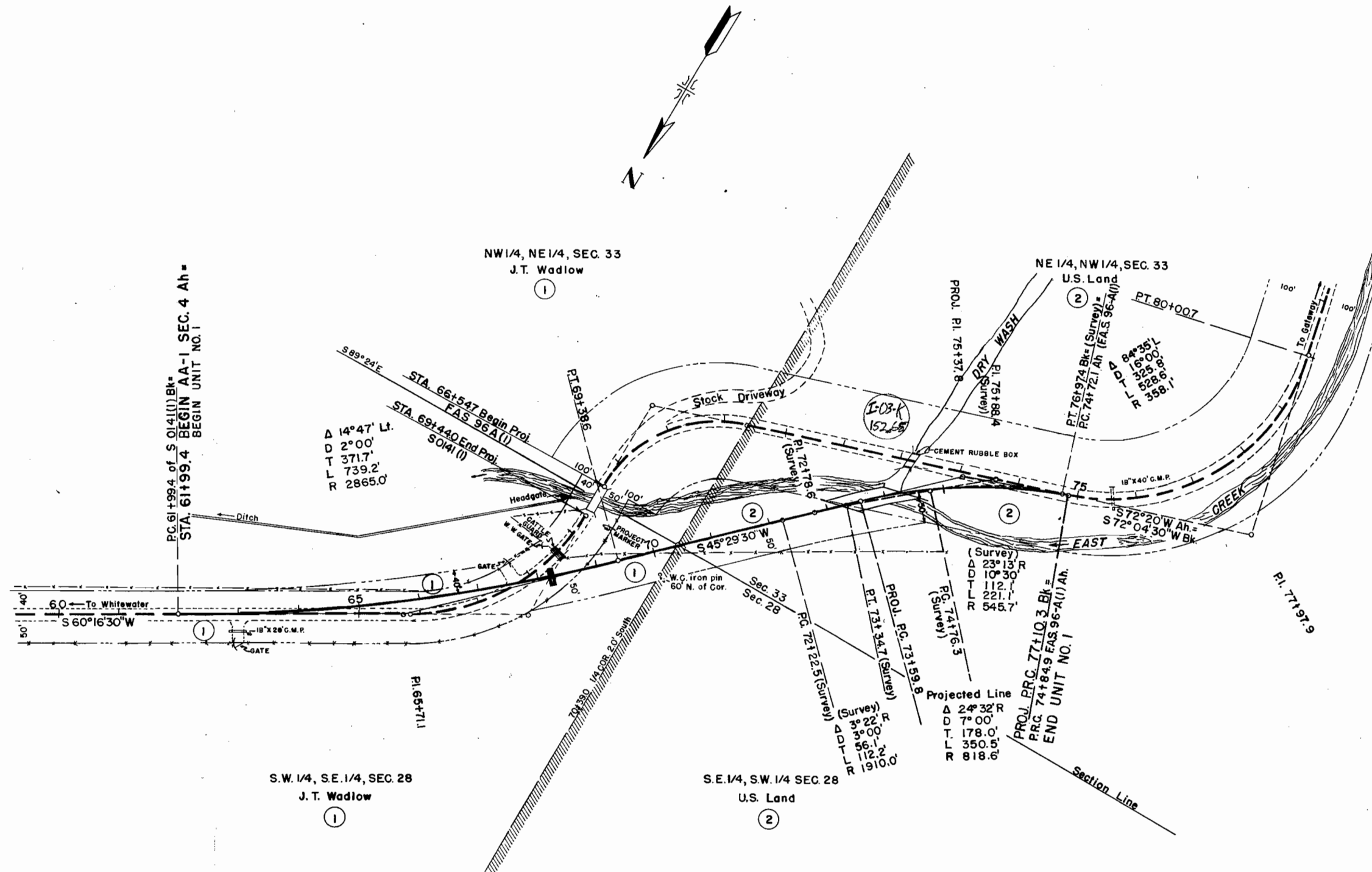


AA-1 Sec.4

MESA COUNTY, T.12S, R.99W, 6P.M.

SCALE: 1"= 100'

WHITEWATER-TAYLOR RANCH
UNIT NO. 1



COLORADO STATE HIGHWAY DEPARTMENT
PROJECT AA-1 Sec. 4
R. Q. W. OWNERSHIP MAP
MESA COUNTY, T13S, R99W, 6P.M.
T13S, R100W, 6P.M., T14S, R100W, 6P.M.
SCALE: 1" = 400'

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	AA-1 SECTION 4	15	
SHEET 1 of 1				
WHITewater-TAYLOR RANCH UNIT NO. 2				

