

(R.O.W. file)
(Dist. III)

DESIGNED BY	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	COLORADO	N.R.H. 151-F	1	1

INDEX OF SHEETS

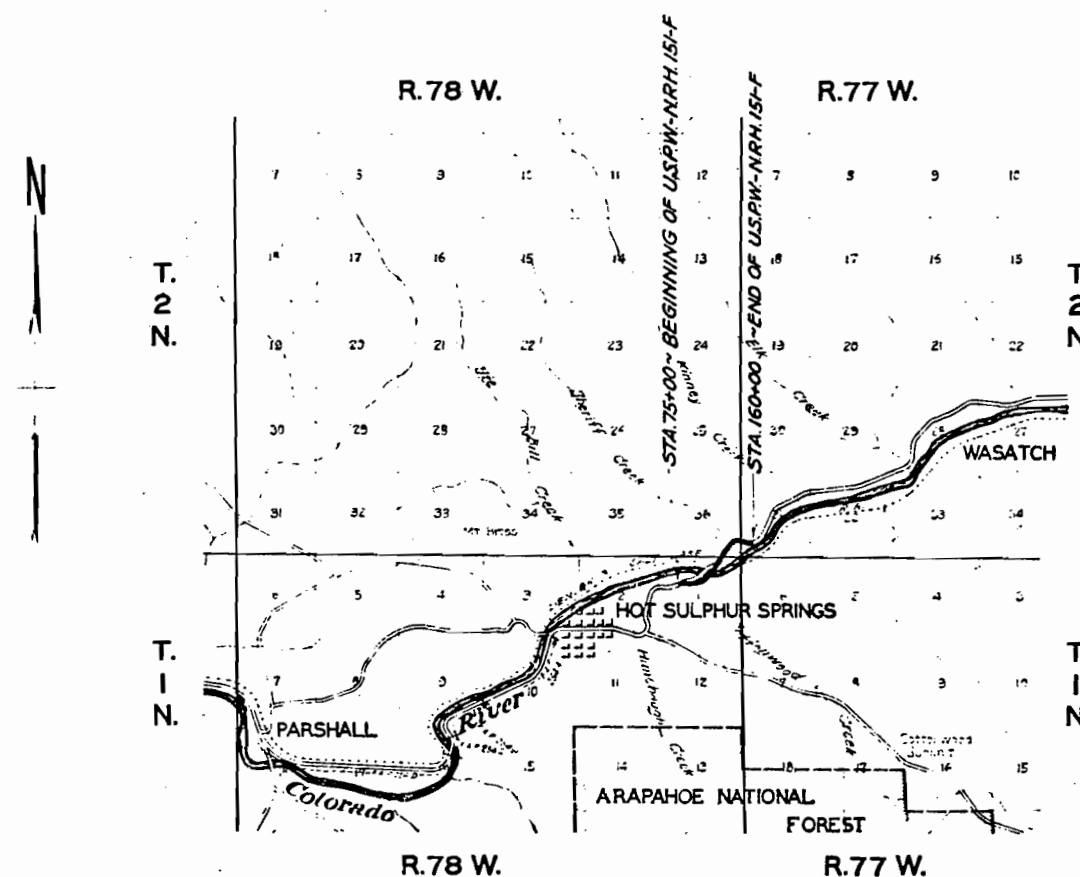
1	TITLE SHEET
2	TYPICAL SECTION AND SUMMARY
3-24	DETAILS OF BRIDGE, STA 105+
25-36	DETAILS OF R.R. OVERHEAD CROSSING, STA 120+
37	STANDARD CONCRETE BOX CULV. M-104-D
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COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED U.S. PUBLIC WORKS PROJECT NO. N.R.H. 151-F STATE HIGHWAY NO. 2 GRAND 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 } 8489.8 FT. = 1.607 MILES
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

CENTER LINE OF IMPROVEMENT: ————
ROW LINES ————
PRESENT ROAD ————
SECTION LINE ————
ONE-QUARTER SECTION LINE ————
RAILROAD ————
GUARD FENCE ————
BARBED WIRE FENCE ————



SCALE: 1 INCH = 1 MILE

RECOMMENDED FOR APPROVAL 2/26/34

J. H. Johnson
ASSISTANT ENGINEER

APPROVED
Charles Vail
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS

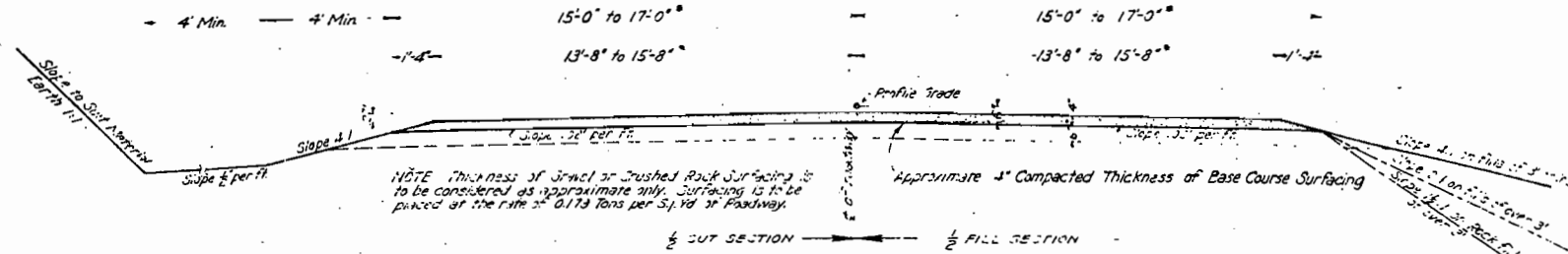
APPROVED

DIRECTOR BUREAU PUBLIC ROADS

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

PRO. ROAD DIST. NO.	STATE	U.S. PUBLIC WORKS DIST. NO.	SHEET NO.	TOTAL SHEETS
2	COLORADO	151-P	2	10
Rev. 3-1-34 ~ R.W.D.				
3-17-34 ~				
Revised as Constructed 5-18-35 R.L.C.				

TYPICAL SECTION



* Between Sta 173+50 and Sta 175+50 the width of base course surfacing increases uniformly from 27'-4" to 31'-4". Between Sta 175+50 and Sta 177+75 the width of base course surfacing shall be 31'-4". Between Sta 177+75 and 178+75 the width of base course surfacing decreases uniformly from 31'-4" to 27'-4".

NOTE: in places where the Excavation & Embankment are in rock, which would result in a roadway unsuitable for traffic, the same immediately underlying the subgrade as shown on the Typical Section is to be constructed of Selected Material which is to be classified and paid for as "Unclassified Excavation".

GENERAL NOTES

This Project is to be constructed in accordance with the Standard Specifications of the Colorado State Highway Department, adopted January 1, 1930.

All quantities on Preliminary Plans are to be considered as approximate only.

All curves are to be super-elevated as provided for by the Standard Super-elevation Sheet included with the Plans, unless otherwise noted on Plans.

All roadway excavation required to construct this project is to be obtained as indicated on the Plans. Quantities involved beyond the limits of the ditch as shown on the Typical Section, either noted on the Profile as "Borrow" or on the List of Structures as Embankment, are to be classified and paid for as "Unclassified Excavation". This quantity is to be stated as part of the original excavation at locations indicated on the Plans. Slope stakes beyond the limits of the Typical Section as shown are subject to change by the Engineer to fit embankment conditions actually encountered in construction.

The entire project is to be cleared and grubbed for the full width of the right-of-way, and the cost thereof is to be included in the lump sum price bid for clearing & grubbing the entire Project. Notes on the Plans indicate the approximate location and character of clearing and grubbing required.

All cross-culverts, unless otherwise noted on plans, are to be provided with one head, and to be placed on independent.

Except where limited by the Special Provisions power equipment may be used on this project.

The detour for this project lies along the present traveled roadway. The Contractor shall at his own expense be required to maintain in safe condition the detour, and all temporary approaches to, and crossings of intersecting roads.

SUMMARY OF APPROXIMATE QUANTITIES

NO.	ITEM	UNIT	ROADWAY	34+75 TO 35+50	OVERHEAD R.R. CROSSING	PER. E.C. TOTALS
13a	Clearing and Grubbing Entire Project	LUMP SUM	0			0
13b	Remove Fence	LIN. FT.	2873			2873
13c	Unclassified Excavation	CU. YD.	115,357.7	934	139.6	116,491.9
14a	Rock Excavation - Structural	"	93	284.6		294.6
14b	" " " "	"	798	165	781.3	1235.3
14c	" " " "	"		392.1		392.1
14d	" " " "	"	193.5	257.6	109	560.1
14e	Gravel or Crushed Rock Surfacing	TON	4030.5			4030.5
14f	Class "A" Concrete	CU. YD.	179.7	1150.4	658.3	1988.4
14g	Class "B" " "	"	15.65			15.65
15	Reinforcing Steel	L.B.	16679	12993.5	745.50	221,184
16	Structural Steel	L.B.		314.83	1754.67	489.50
17	Cement Rubble Masonry	SQ. YD.		71.65	200.5	272.15
18a	5" Corr. Metal Culv. Pipe	LIN. FT.	40			40
18b	" " " "	"	322			322
18c	" " " "	"	362			362
18d	" " " "	"	52			52
60a	Treated Timber Piling	Each			647	647
60b	Metal Pile Shoes	LIN. FT.			3	3
72	Wire Cable Guard Fence	LIN. FT.	2110			2110
75a	Galvanized Barbed Wire Fence (wd post)	LIN. FT.	6679			6679
75b	Safety in Barbed wire fence	EA. H.	3			3
76	Project Markers	"	1			1
77	R.O.W. Markers	"	18			18
81	Bronze Name Plates	EACH		1		1
82	Sheet Copper	L.B.		133		133
84	Removal of disused bridge	LUMP SUM	0			0
123	Untreated Bridge Timber	NFT. B.M.	0.394		0.360	0.754
88	Asbestos Wood Blast Protection Board	Sq. Ft.			301	301
	Rail Guard (work by R.R. Co forces)	LIN. FT.			300	300

LIST OF STRUCTURES

Location of Structure	Station	Description	Excavation	Structure	Concrete	Reinforcing Steel	Corrosion Protection	Other	Miscellaneous
75+00	75+00	Project Marker, Rt Approach							Proj. Marker
75+10	75+10	3" M.P. Cross-Culvert	91	103	1.1				
75+20	75+20	" " " "	9	35	1.1				
75+30	75+30	" " " "	0.2	24	1.65				
75+40	75+40	3" " " Cross-Culvert		53	1.1				
75+50	75+50	Intersecting Ditch on Left	528						
75+55	75+55	C.M.P. Cross-Culv. 12'x12'		33	1.1				
75+60	75+60	C.M.P. Cross-Culv.		7.9-25	1.1				
75+65	75+65	Intersecting Ditch on Rt							
75+70	75+70	Wire Cable Guard Fence, Rt & L							110
75+75	75+75	Road Approach on Rt							
75+80	75+80	Wire Cable Guard Fence, Rt & L							830
75+85	75+85	Remove Old Bridge							
75+90	75+90	Bridge							
75+95	75+95	Road Approach on Left							
76+00	76+00	Overhead R.R. Crossing							
76+05	76+05	2" R. L. Lining Ditch on Left							
76+10	76+10	Wire Cable Guard Fence, Rt & L							
76+15	76+15	3" C.M.P. Cross-Culvert, Litches	1316	148	1.65				120
76+20	76+20	Road House, Rt		62					
76+25	76+25	10'x10'x36" Concrete Box Culvert	1925	33	1.1				
76+30	76+30	3" M.P. Cross-Culv. 12'x12'		35	1.1				
76+35	76+35	Intersecting Ditch on Left	827						
76+40	76+40	Road Approach 15' C.M.P. Box Culv.		34					
76+45	76+45	Intersecting Ditch on Left	219						
76+50	76+50	3" M.P. Cross-Culv. 12'x12'		35	1.1				
76+55	76+55	Road Approach	1004	19.15	1.65				52
TOTALS			1167	9528.1	19.15				173.7

FENCING AND GATE REQUIREMENTS

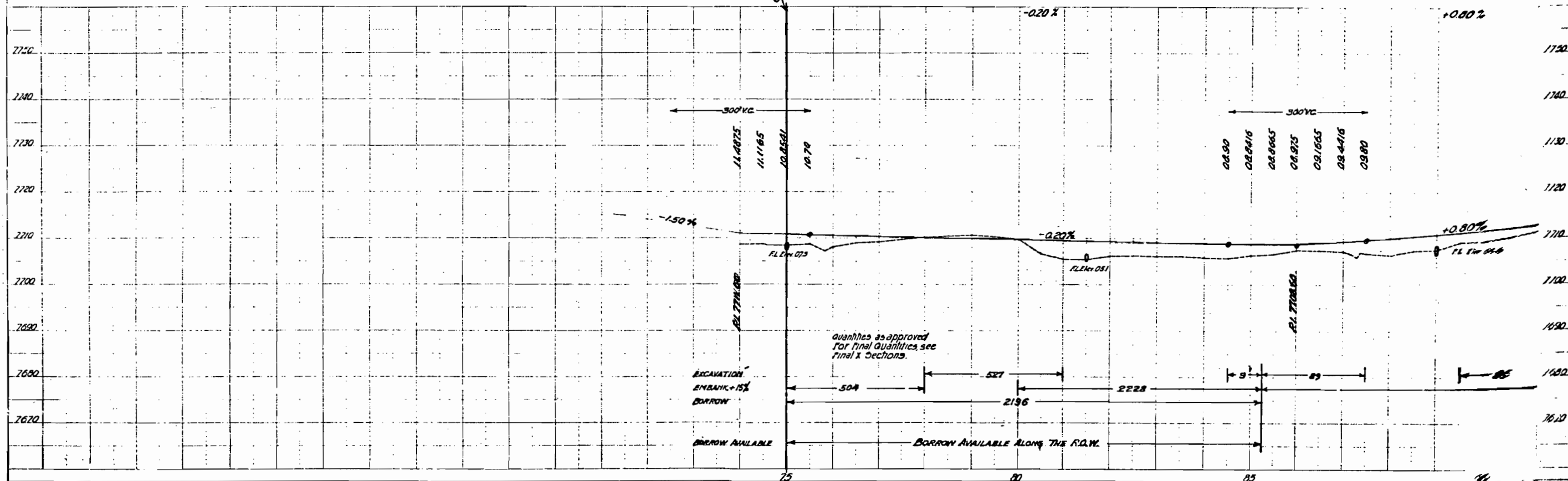
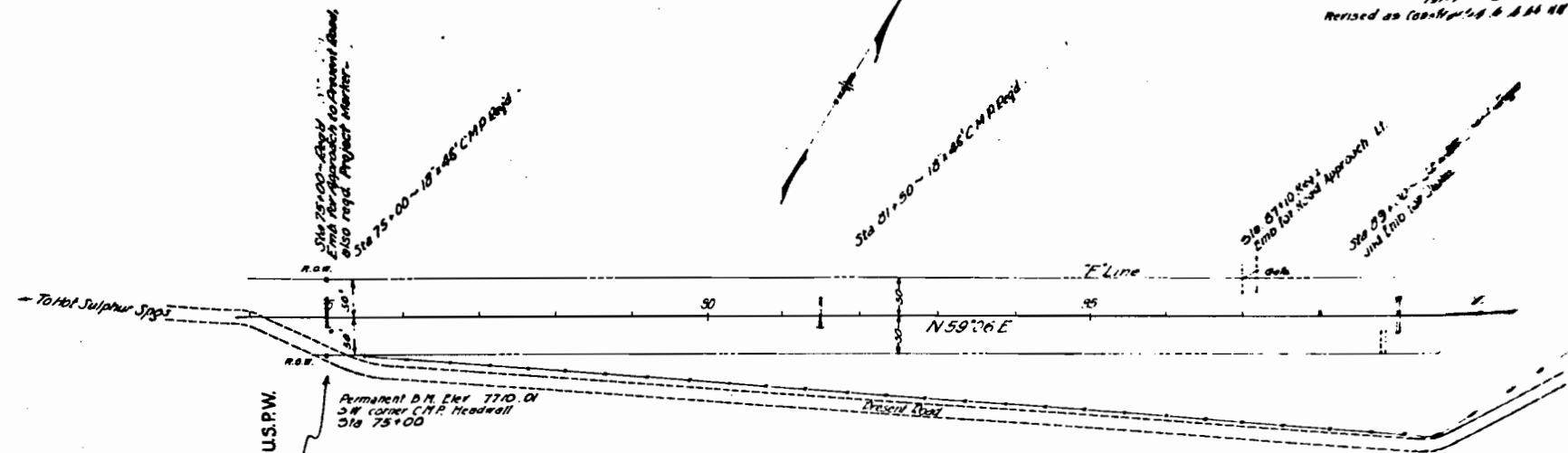
STATIONS	SIDE	REMAINING FENCE	NEW FENCE	NEW GATES
75+30	L	183		
75+40	L			1
75+50-103+30	L		2871	
75+50-91+50	R		1629	
75+50-103+30	L	1173		
103+30-160+00	R		2179	
117+75-134+00	L & R	1512		
146+75	R			1
159+08	R			1
TOTALS		2,573	6679	3

RIGHT-OF-WAY MARKERS

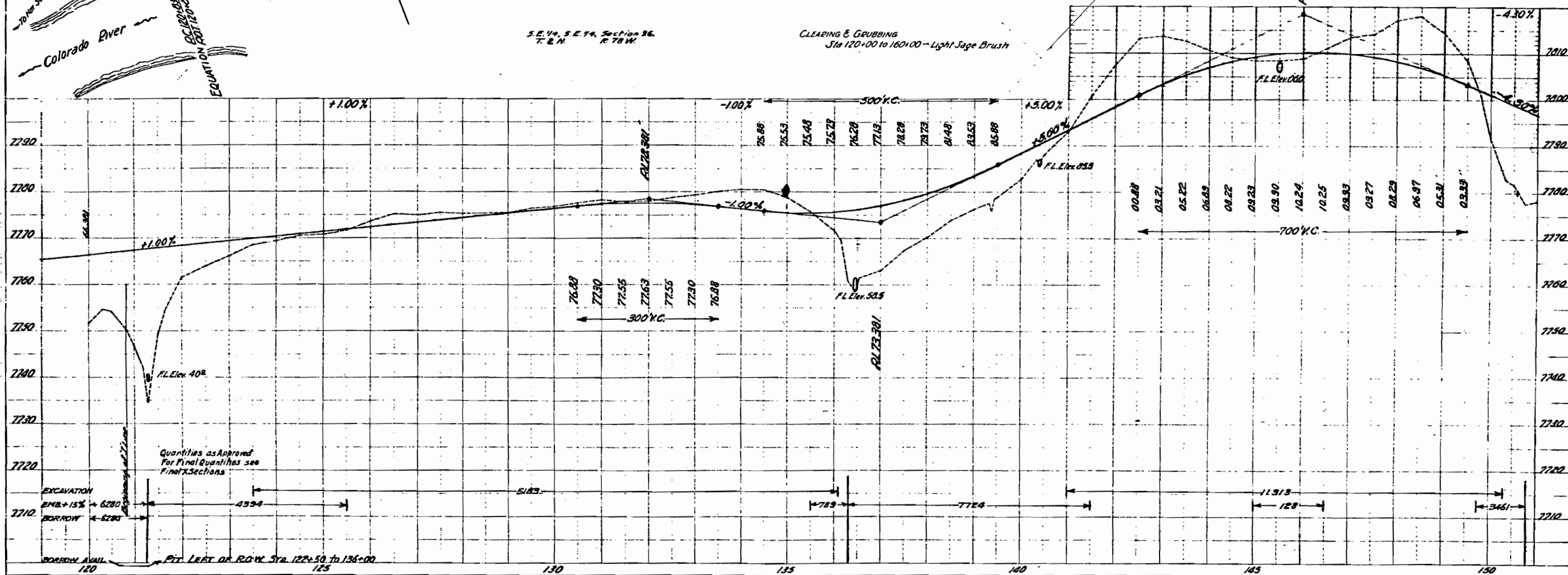
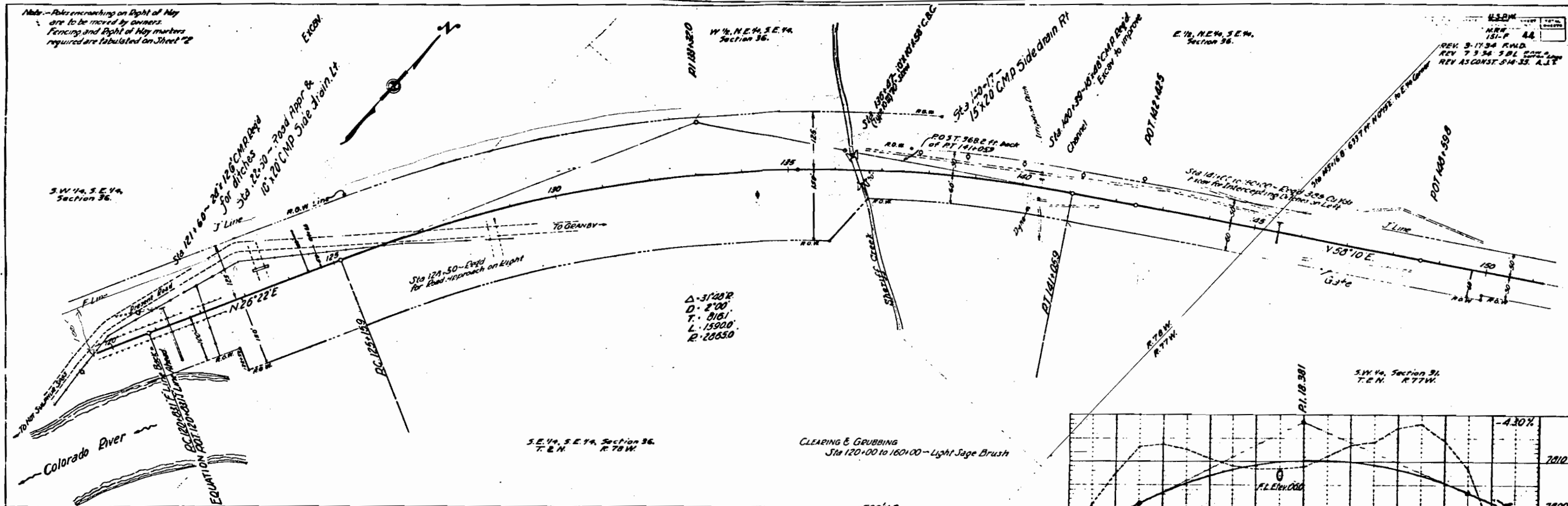
STATIONS	SIDE	NO.
75+00	L & R	2
100+00	R	2
103+00	L	2
117+19	L	1
117+41	L	1
122+50	L	2
155+00	R	1
136+71	R	1
137+61	R	1
138+19	L	1
150+00	R	2
160+00	L & R	2
TOTAL		18

Note - Points encroaching on Right of Way are to be moved by owners. Fencing and Right of Way markers required are tabulated on Sheet "2"

Revised as Constructed & As Bt 4/8/1



Note: Poles encroaching on Right of Way are to be moved by owners. Fencing and Right of Way markers required are tabulated on Sheet "2"

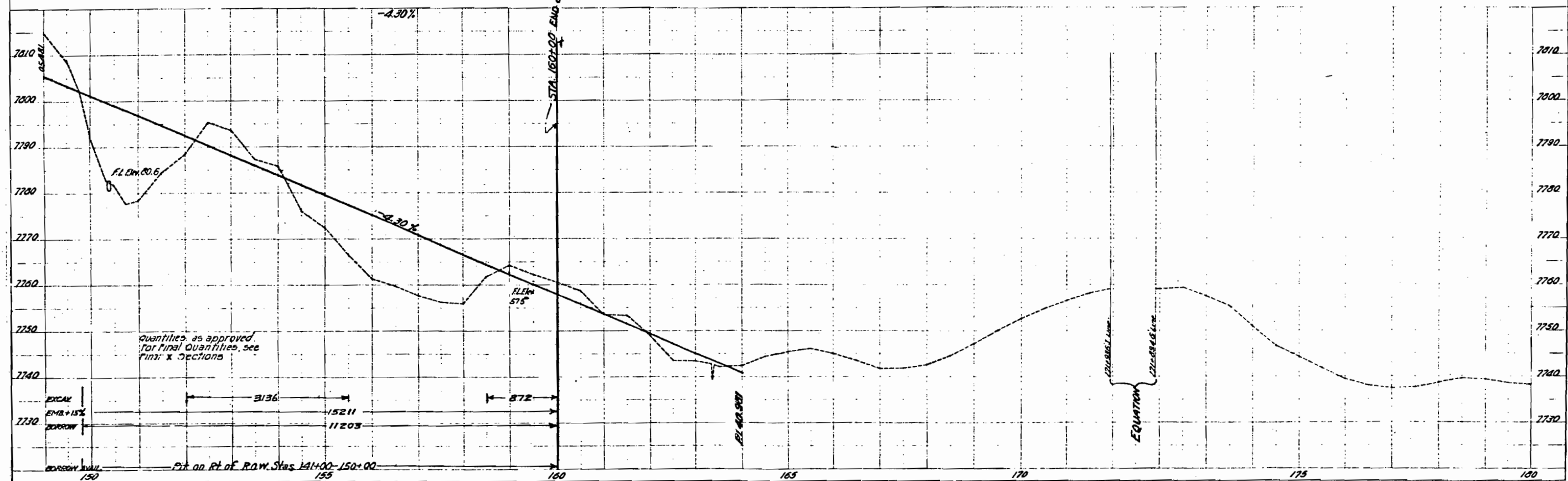
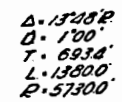


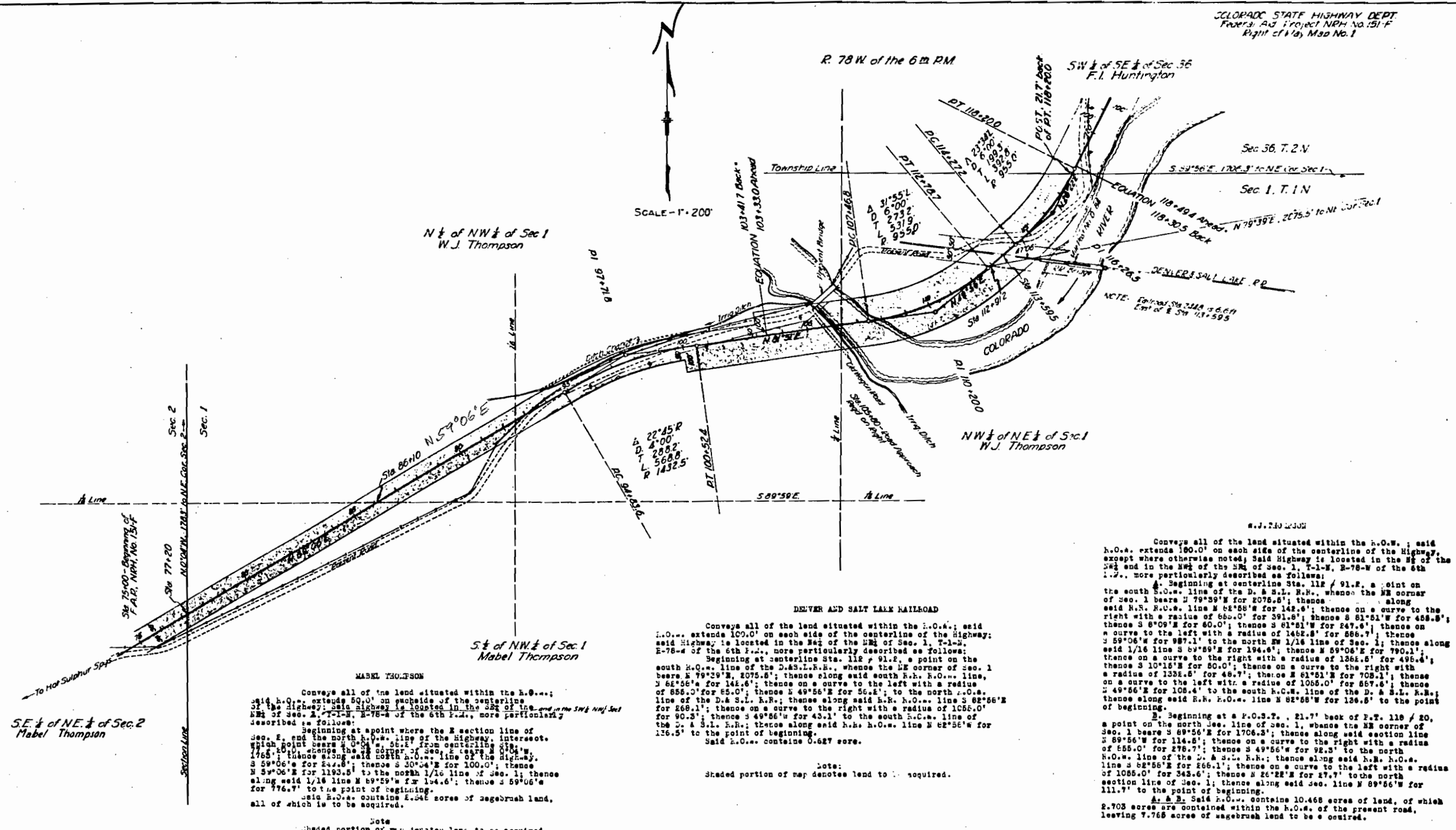
Quantities as Approved For Final Quantities see Final Sections

EXCAVATION
EMB+15% = 6280
BORROW = 6280
BORROW AVAIL 120
PT. LEFT OF R.O.W. Sta 122+50 to 136+00

PLATE 1 - PLAN - PROFILE 3 - ROAD & STATIONING
REVISIONS TO BE MADE BY THE ENGINEER

U.S.P.M.
M.H.
151-P AS
REVISED as constructed 5-M 35 R.L.





SE 1/4 of NE 1/4 of Sec. 2
Mabel Thompson

MABEL THOMPSON
Conveys all of the land situated within the h.o.w. of the Highway, except where otherwise noted; Said Highway is located in the NE 1/4 of the NW 1/4 of Sec. 1, T-1-N, R-78-W of the 6th P.M., more particularly described as follows:
Beginning at a point where the E section line of Sec. 1, and the north h.o.w. line of the Highway, intersect, which point bears S 0° 06' E, 56.1' from centerline Sta. 112+00, thence along said north h.o.w. line of the Highway, S 59° 06' E for 1193.5', thence S 30° 04' E for 100.0', thence N 59° 06' E for 1193.5' to the north 1/16 line of Sec. 1; thence along said 1/16 line N 59° 06' E for 104.6'; thence S 59° 06' E for 776.7' to the point of beginning.
Said h.o.w. contains 1.348 acres of sagebrush land, all of which is to be acquired.

Note:
Shaded portion of map denotes land to be acquired.

Conveys all of the land situated within the h.o.w. of the Highway, except where otherwise noted; Said Highway is located in the NE 1/4 of the NW 1/4 of Sec. 1, T-1-N, R-78-W of the 6th P.M., more particularly described as follows:
Beginning at centerline Sta. 112+00, a point on the south h.o.w. line of the D. & S.L. R.R., whence the NE corner of Sec. 1 bears S 79° 39' E for 2075.6'; thence along said h.o.w. line, S 61° 56' E for 142.6'; thence on a curve to the left with a radius of 855.0' for 85.0'; thence S 49° 56' E for 56.1'; to the north h.o.w. line of the D. & S.L. R.R.; thence along said h.o.w. line S 62° 56' E for 268.1'; thence on a curve to the right with a radius of 1055.0' for 90.3'; thence S 49° 56' E for 43.1' to the south h.o.w. line of the D. & S.L. R.R.; thence along said h.o.w. line N 62° 56' E for 126.5' to the point of beginning.
Said h.o.w. contains 0.627 acres.

Note:
Shaded portion of map denotes land to be acquired.

Conveys all of the land situated within the h.o.w. of the Highway, except where otherwise noted; Said Highway is located in the NE 1/4 of the NW 1/4 of Sec. 1, T-1-N, R-78-W of the 6th P.M., more particularly described as follows:
Beginning at centerline Sta. 112+00, a point on the south h.o.w. line of the D. & S.L. R.R., whence the NE corner of Sec. 1 bears S 79° 39' E for 2075.6'; thence along said h.o.w. line, S 61° 56' E for 142.6'; thence on a curve to the right with a radius of 855.0' for 85.0'; thence S 49° 56' E for 56.1'; to the north h.o.w. line of the D. & S.L. R.R.; thence along said h.o.w. line S 62° 56' E for 268.1'; thence on a curve to the right with a radius of 1055.0' for 90.3'; thence S 49° 56' E for 43.1' to the south h.o.w. line of the D. & S.L. R.R.; thence along said h.o.w. line N 62° 56' E for 126.5' to the point of beginning.
Said h.o.w. contains 0.627 acres.

Note:
Shaded portion of map denotes land to be acquired.

particularly described as follows:

Beginning at a P.O. 30.7' - 21.7' back of P.O. 11b & 20.0' point on the south section line of Sec. 34, thence S 89°59'15"E for 111.7'; thence along the corner of Sec 36 bears S 89°58'15"E 1706.33'; thence along said section line S 89°55'15"E for 111.7'; thence N 26°22'15"E for 363.4'; thence N 63°38'15"E for 800.0'; thence N 26°22'15"E for 265.94'; thence on a curve to the right with a radius of 2616.0' for 75' to the east 1/16 line of Sec. 36; thence along said 1/16 line N 0°15'15"E for 393.0'; thence on a curve to the left with a radius of 3016.0' for 75' to the east 1/16 line with a bearing of S 16°42'55"E for 865.9'; thence S 43°15'15"E for 80.0'; thence S 26°42'15"E for 411.1'; thence on a curve to the right with a radius of 865.0' for 75.0' to the south section line of Sec. 36; thence along said section line S 89°59'15"E for 114.5' to the point of beginning.

Meid R.O.s. contains 4.389 acres, of which 1.044 acres are contained within the R.O.s. of the present road, leaving 3.345 acres of sagebrush land to be acquired.

Notes:

Note:
Shaded portion of map denotes land to be acquired.

STATE OF COLORADO

Conveys all of the land situated within the R.O.w.; said R.O.w. extends 50.0' on the right side and 150.0' on the left side of the centerline of the Highway except where otherwise noted; said Highway is located in the $\frac{1}{2}$ of the SE $\frac{1}{4}$ of Sec. 36, T-2-N, R-78-W of the 6th P.M., more particularly described as follows:

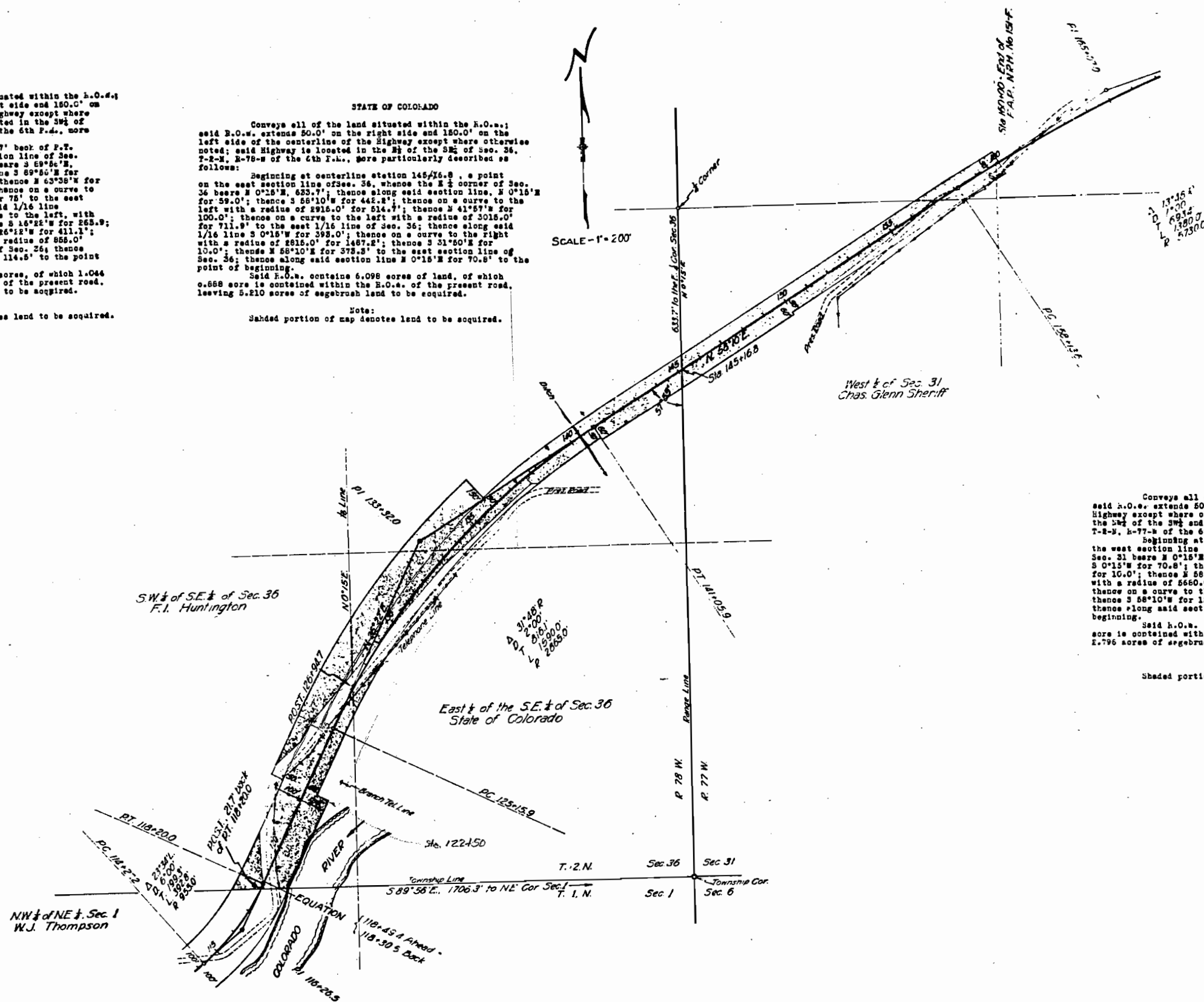
follows: Beginning at centerline station 145+46.8, a point
 on the east section line of Sec. 36, whence the E. corner of Sec.
 36 bears N 0°25' E, 623.7'; thence along said section line, N 0°18' E
 for 39.0'; thence S 36°10' W for 442.8'; thence on a curve to the
 left with a radius of 1916.0' for 514.1'; thence N 41°57' E for
 101.5'; thence to the east section line of Sec. 36, S 10°15' E
 for 711.9' to the east 1/16 line of Sec. 36; thence along said
 1/16 line S 3°15' W for 293.0'; thence on a curve to the right
 with a radius of 8816.0' for 1487.8'; thence S 31°50' E for
 13.0'; thence S 10°15' E for 372.5' to the east section line of
 Sec. 36; thence along said section line N 0°15' E for 70.8' to the
 point of beginning.

Said R.O.W. contains 6,098 acres of land, of which 0.668 acre is contained within the R.O.W. of the present road, leaving 5.210 acres of sagebrush land to be acquired.

Notes:

Note:
Shaded portion of map denotes land to be acquired.

SCALE - 1" = 200'



TOWNSHIP 2 NORTH RANGE 70 WEST OF THE 6TH PM
SECTION 36

Colorado State Highway Department
U.S. Public Works Project NR-15-5
Pueblo, Colorado
August 1934

STATE OF COLORADO

Conveys all of that part of the R.O.W. of U.S.P.W.P. N.E.H. 181-7 lying east of the R.O.W. of the present county road, and located in the SW¹/₄ Sec. 36, SW¹/₄ Sec. 36, and all of the R.O.W. of said highway located in the NW¹/₄ Sec. 36, exclusive of the R.O.W. of the present county road, all in Sec. 36, T-2-N, R-70-W of the 6th P.M., and more particularly described as follows:

"A". Beginning at a point on the township line and south line of Sec. 36, where the east R.O.W. line of the county road intersects said section and township line, which point lies S 89°36'E, 86.1' from a P.O.S.T. 21.7' back of P.T. Sta. 118 + 20.1 of the proposed highway, and whence the township corner and SW corner of Sec. 36 bears S 89°56'E, 1680'; thence along said section line, S 89°56'E, 55.6' to the east R.O.W. line of the proposed highway; thence along said R.O.W. line, N 26°22'E, 388.3'; thence S 63°38'E, 50.0'; thence N 16°22'E, 268.9'; thence on a curve to the right with a radius of 2718.0', 1014.0' to the line between the west half and the east half of the NW¹/₄ Sec. 36; thence along said subdivision line, N 0°15'E, 86.1' to the east R.O.W. line of the county road; thence along said R.O.W. line of the county road, S 47°49'E, 134.6'; thence S 42°19'E, 116.2'; thence S 46°25'E, 31.8' to the west R.O.W. line of the proposed highway; thence along said highway R.O.W. line, S 26°22'E, 147.7' to the east R.O.W. line of the county road; thence along said R.O.W. line, S 2°50'E, 80.8' to the point of beginning.

Said R.O.W. extends from 100' to 150' on the right and from 50' to 100' on the left of the centerline of said highway as shown, and contains 4.636 acres of uncultivated land to be acquired.

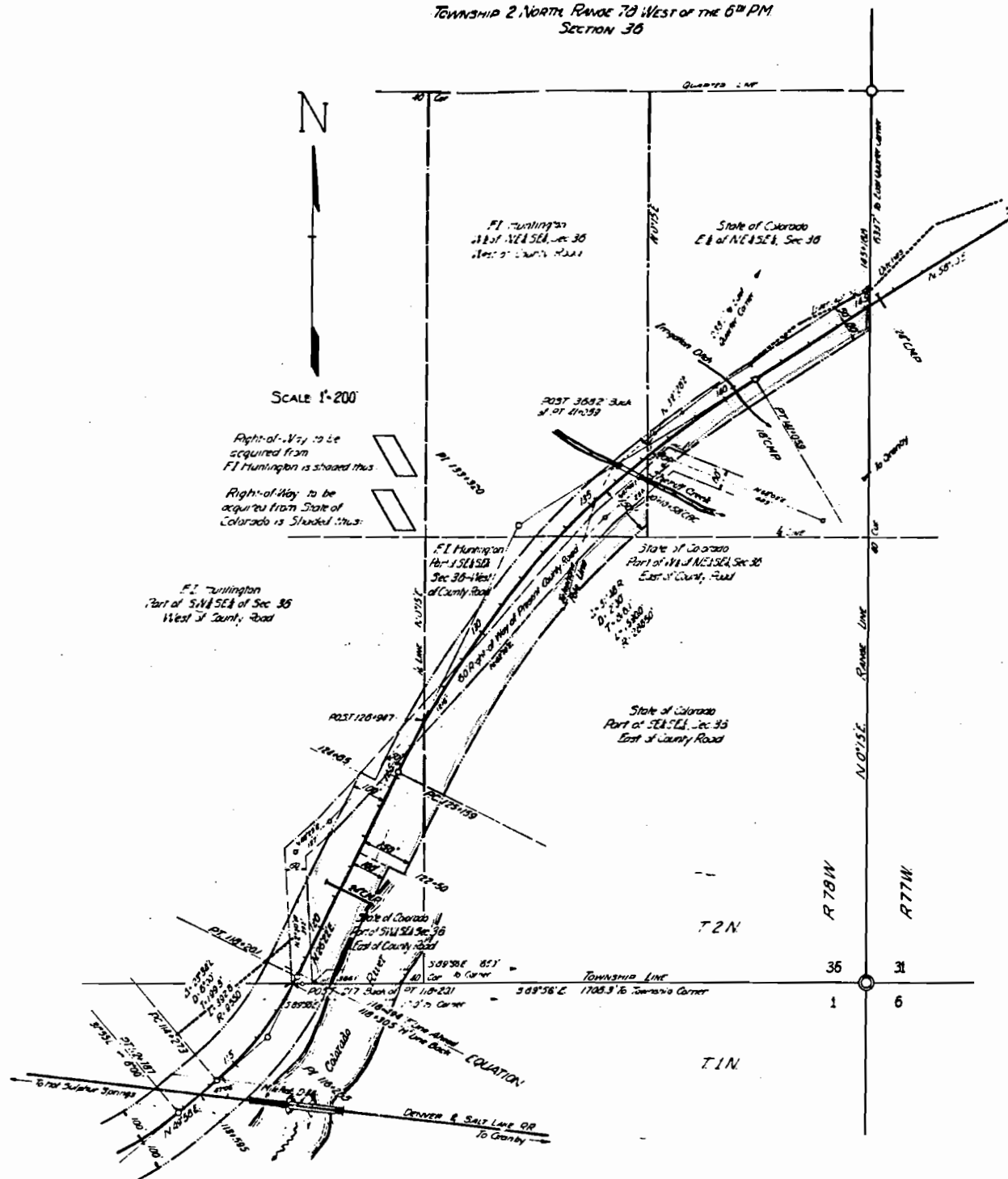
"B". Also beginning at centerline Sta. 145 + 16.8, a point on the east line of Sec. 36, whence the east 1/2 corner of Sec. 36 bears N 0°15'E, 633.7'; thence along said section line, S 0°15'E, 70.0' to the east R.O.W. line of the highway; thence along said R.O.W. line, S 68°10'E, 373.3'; thence on a curve to the left with a radius of 2808.0', 292.9' to the west R.O.W. line of the present county road; thence along said county road R.O.W. line, N 68°05'E, 80.0'; thence S 47°49'E, 78.6' to the dividing line between the east half and the west half of the NW¹/₄ Sec. 36; thence along said line, N 0°15'E, 86.0' to a P.O.S.T. 368.8' back of P.T. Sta. 141 + 05.9 of the proposed highway; thence continuing along said line, N 0°15'E, 34.8' to the west R.O.W. line of the highway; thence along said R.O.W. line, from a tangent bearing of N 51°16'E, on a curve to the right with a radius of 2918.0', 381.2'; thence N 58°10'E, 442.2' to the east line of Sec. 36; thence along said section line, S 0°15'E, 89.0' to the point of beginning.

Said R.O.W. extends 80.0' on the left and 40.0' on the right of the centerline of the proposed highway, and contains 1.924 acres of uncultivated land to be acquired.

Right-of-Way to be acquired from F.I. Huntington is shown thus:

Right-of-Way to be acquired from State of Colorado is shaded thus:

F.I. Huntington
Part of SW¹/₄ Sec. 36
West of County Road



F.I. HUNTINGTON

Conveys all of that part of the R.O.W. of U.S.P.W.P. N.E.H. 181-7 lying west of the R.O.W. of the present county road and located in the SW¹/₄ Sec. 36, SW¹/₄ Sec. 36, and in the W¹/₂ of SW¹/₄ Sec. 36, T-2-N, R-70-W of the 6th P.M. Said part of said R.O.W. is described as follows:

"A". Beginning at the intersection of the west R.O.W. line of the county road, 30' left of the centerline of said road, and the township line between townships 2-N and 3-N, which point lies N 89°56'E, 4' from P.O.S.T. 21.7' back of P.T. Sta. 118 + 20.1 of the proposed highway, and from which intersection the SW corner of Sec. 36, being a township corner, bears S 89°56'E, 1710'; thence along the R.O.W. line of the county road, N 2°50'E, 197.7' to the west R.O.W. line of the proposed highway; thence along said west R.O.W. line of the highway, S 26°22'E, 349.2'; thence on a curve to the right with a radius of 2658.0', 72.7' to the south line of Sec. 36; thence along said line S 89°56'E, 111.0' to the point of beginning.

Said R.O.W. extends 100' on the left side of the centerline of the proposed highway, and contains 0.246 acres of uncultivated land all of which is to be acquired.

"B". Also beginning at a P.O.S.T. 368.8' back of P.T. Sta. 141 + 05.9 of the proposed highway, a point on the line dividing the west and east halves of the NW¹/₄ Sec. 36, whence the east 1/2 corner of Sec. 36 bears N 0°15'E, 34.8' to the west R.O.W. line of said highway; thence from a tangent bearing of S 51°16'E, on a curve to the left with a radius of 2918.0', 1151.7' to the west R.O.W. line of the county road; thence along said county road R.O.W. line, N 42°19'E, 669.2'; thence S 47°49'E, 197.6' to the aforementioned division line thru the NW¹/₄ Sec. 36; thence along said line, N 0°15'E, 58.0' to the point of beginning.

Said R.O.W. extends 80.0' on the west side of the centerline of the proposed highway and contains 1.680 acres of uncultivated land to be acquired.