

INDEX OF SHEETS

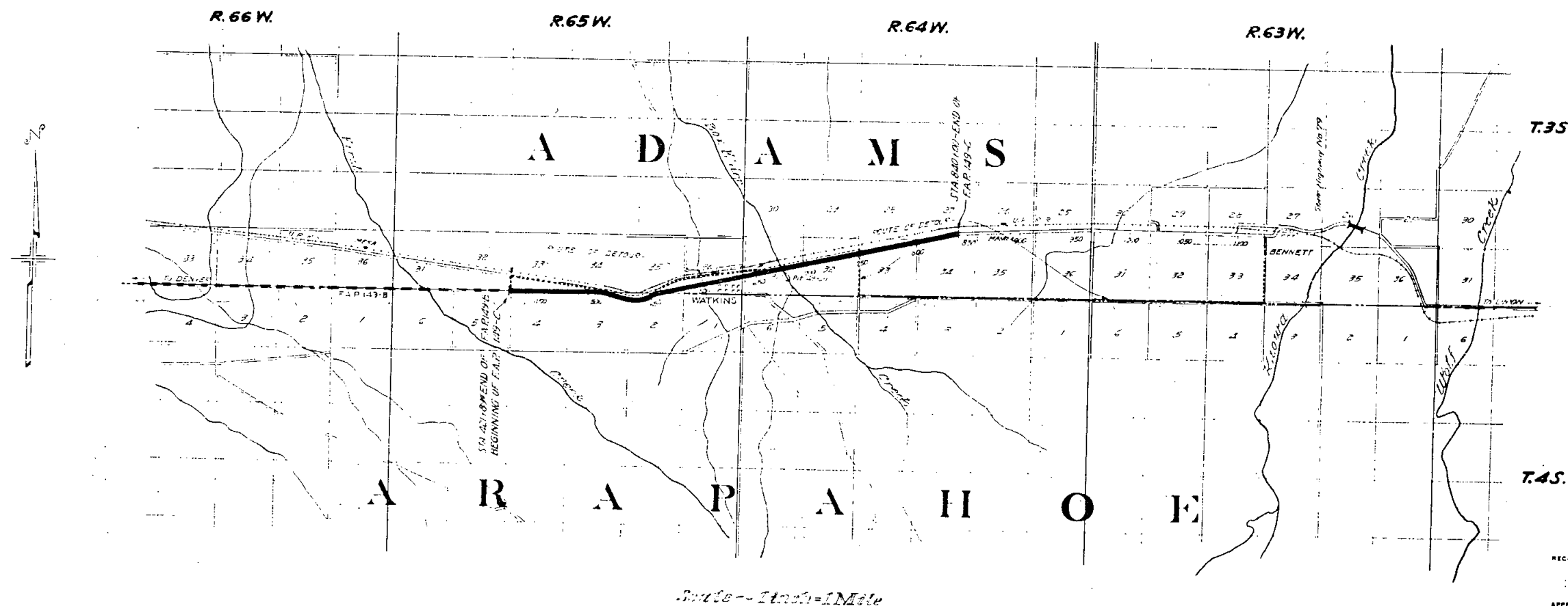
- 1 Title Sheet
- 2 Typical Sections, Summary and Notes
- 3 Details of Timber Trestle, Sta. 597+40.
- 4 " " " " Sta. 601+07
- 5 " " " " Sta. 679+74
- 6 Standard Guard Fence, M 20 E
- 7 Standard Fence & Marker Posts, M 24 E
- 8 Standard Picket Snow Fence, M 25 A
- 9 Concrete Box Culverts, M 103 C
- 10 " " " " M 104 B
- 11-24 Plan and Profile Sheets
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COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 149-C STATE HIGHWAY NO. 8 ADAMS AND ARAPAHOE COUNTIES

CONVENTIONAL SIGNS

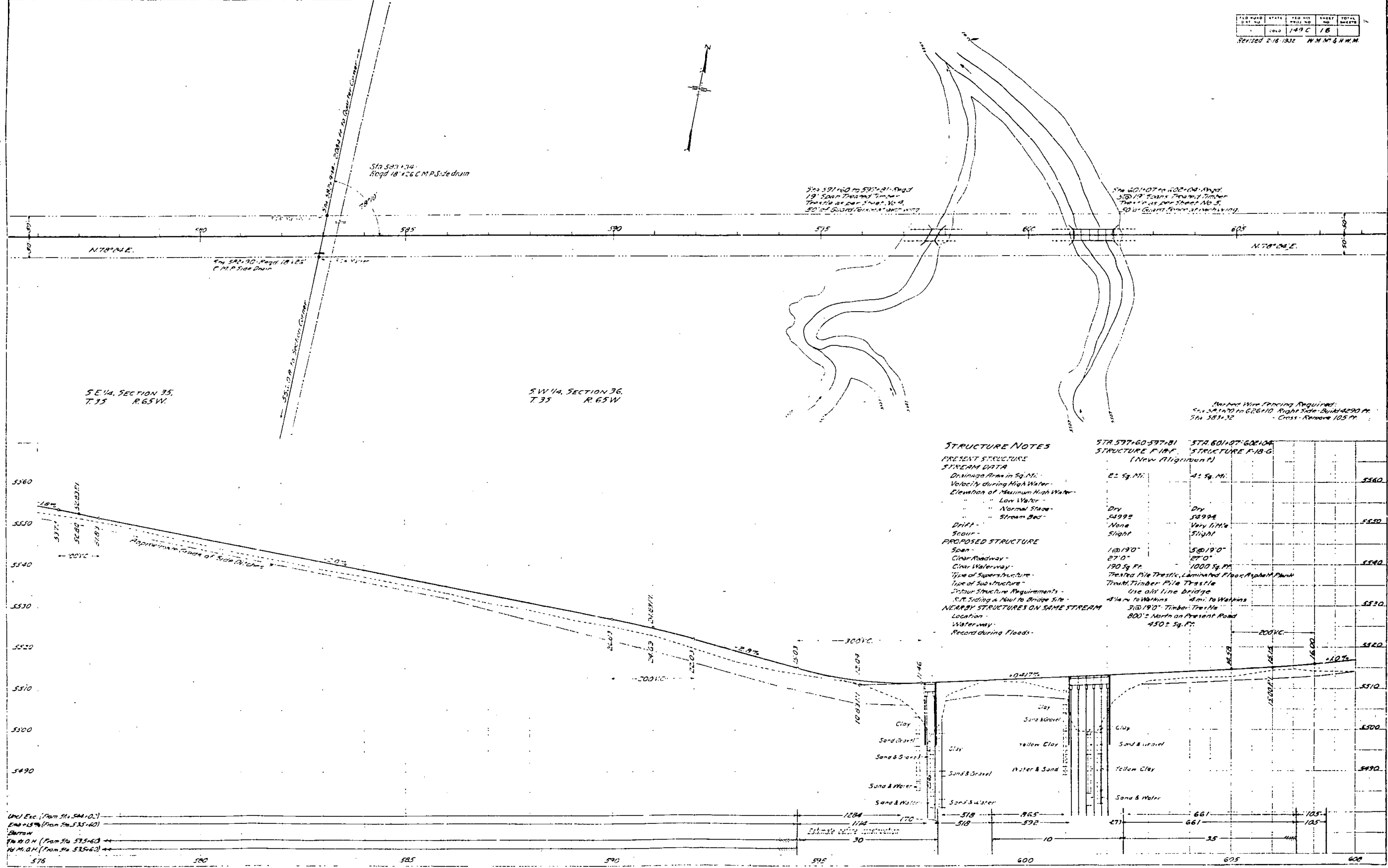
Survey Line	---
Right of Way Line	---
Section Line	---
Quarter Section Line	---
Township or Range Line	---
Fence Line	---
Pole Line	---
Railroad	---

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 4,520.2 FT. = 7.863 MI.
 NET LENGTH OF PROJECT



Scale - 1 inch = 1 Mile

RECOMMENDED FOR APPROVAL
 ASSISTANT ENGINEER
 APPROVED
 CHAS. 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

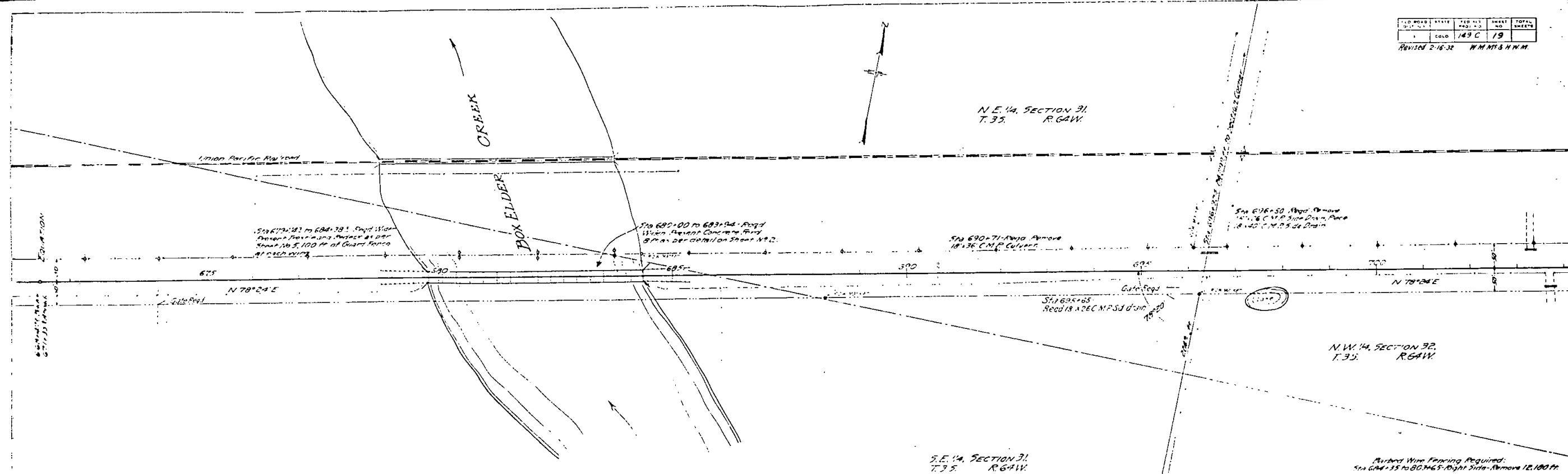


Revised 2-16-1932 W.M.M. & H.W.M.



ROAD NO.	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLORADO	149 C	19	

REVISED 2-16-32 W. M. M. & H. W. M.



STRUCTURE NOTES - STA. 679+74.3 TO 684+38.3 - No. F-18-B.

STRUCTURE IV
PRESENT STRUCTURE

Span - 16.129"
 Clear Pathway - 19'6"
 Clear Waterway -
 Type of Superstructure - Timber Trestle Wood Floor
 Type of Substructure - Treated Timber Piling.
 Requirements - Drive another row of Piles
 and redock.

and Forest.

STREAM DATA

Drainage Area in Sq. Mi. - 2300

Velocity during High Water -

Elevation of:

Maximum High Water - Low Water

Normal Stage - Dry - Stream Bed 5523

Dist. - Light

Scour - Silted up

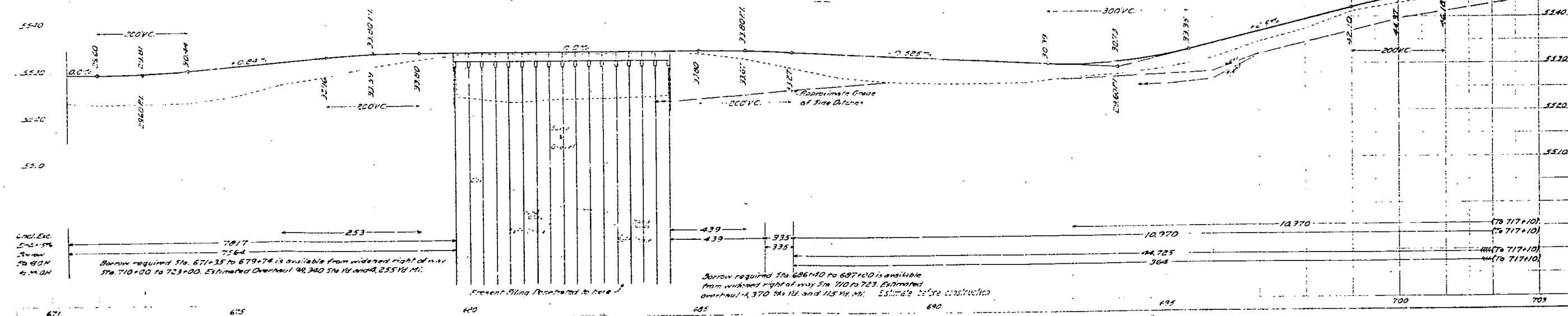
PROPOSED STRUCTURE

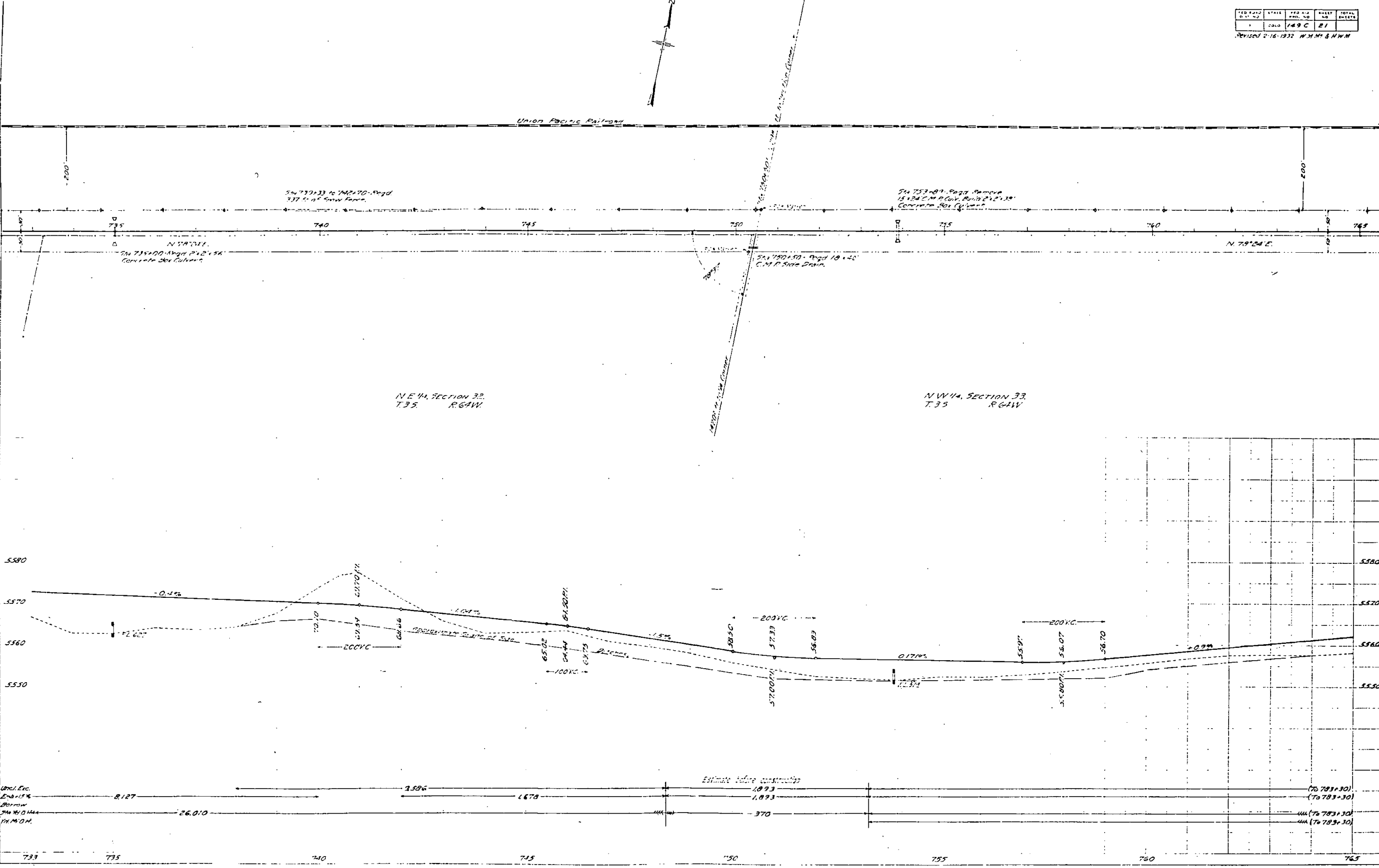
Position refers to Present Structure - Same.

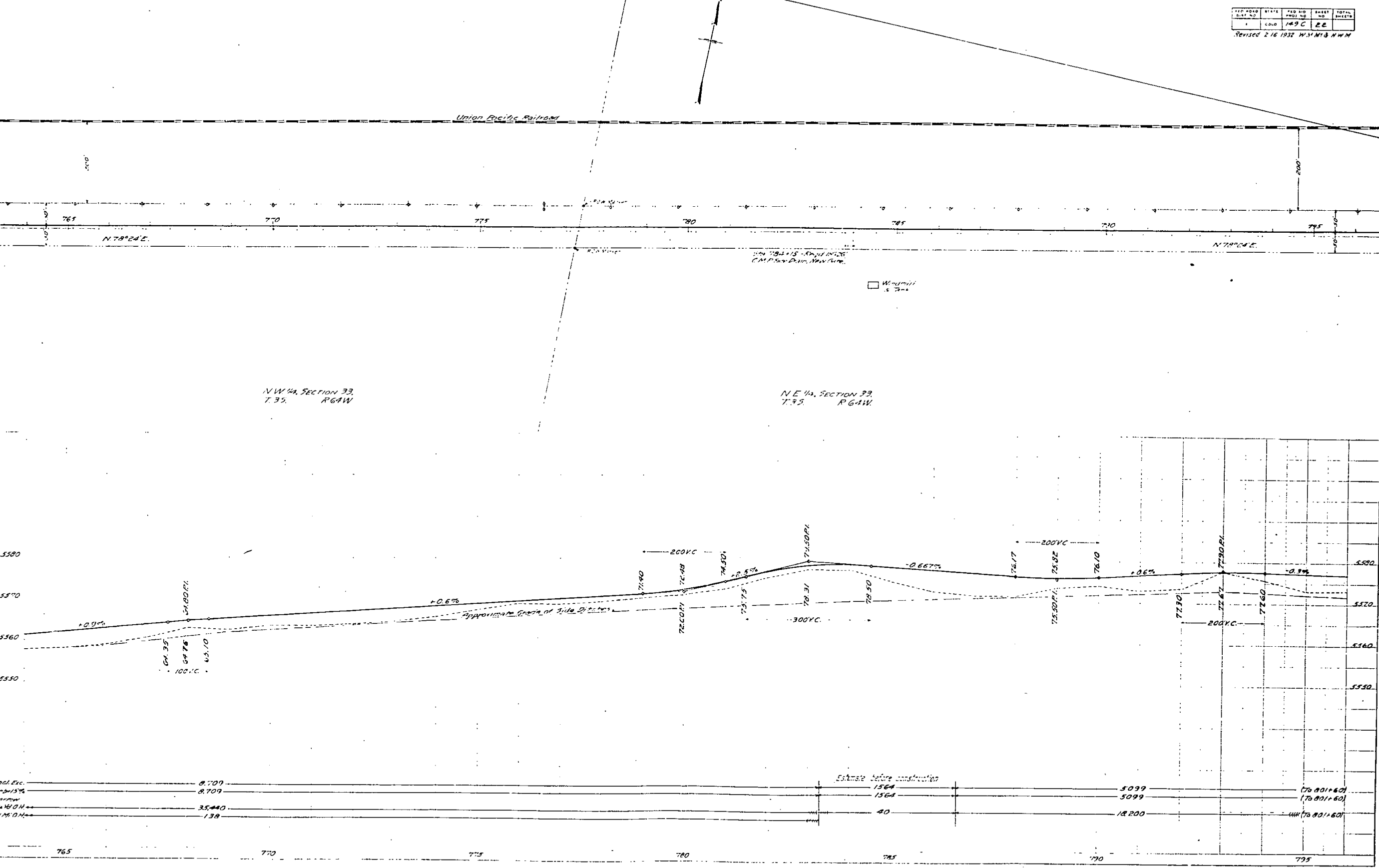
Position Relative To Present Structure Same.
 Span - 160' 29"
 Clear Abutment - 27' 0"
 Clear Waterway - 3750 Sq. Ft.
 Type of Superstructure - Treated Timber Trestle over Floor, Asphalt Paving.
 Type of Substructure - Treated Timber Piling.
 Detail Structure Requirements - Use Old Concrete Bridge Timber Extension.
 R.R. Siding - Working - Haul to Bridge Site - 3 1/4 mi.
NEARBY STRUCTURES ON SAME STREAM
 U.S.R.R. Bridge, 3420 ± 14.75 ft.
 Location - 200' North.
 Waterway - 4000 ± Sq. Ft.
 Record during Floods - Struck.

NEBBY STRUCTURES ON SAME STREAM

U.F.R.R. Bridge, 340 14.75 ft.
Location - 200' North.
Waterway - 4000 ± sq ft.
Record during Floods - Stable.



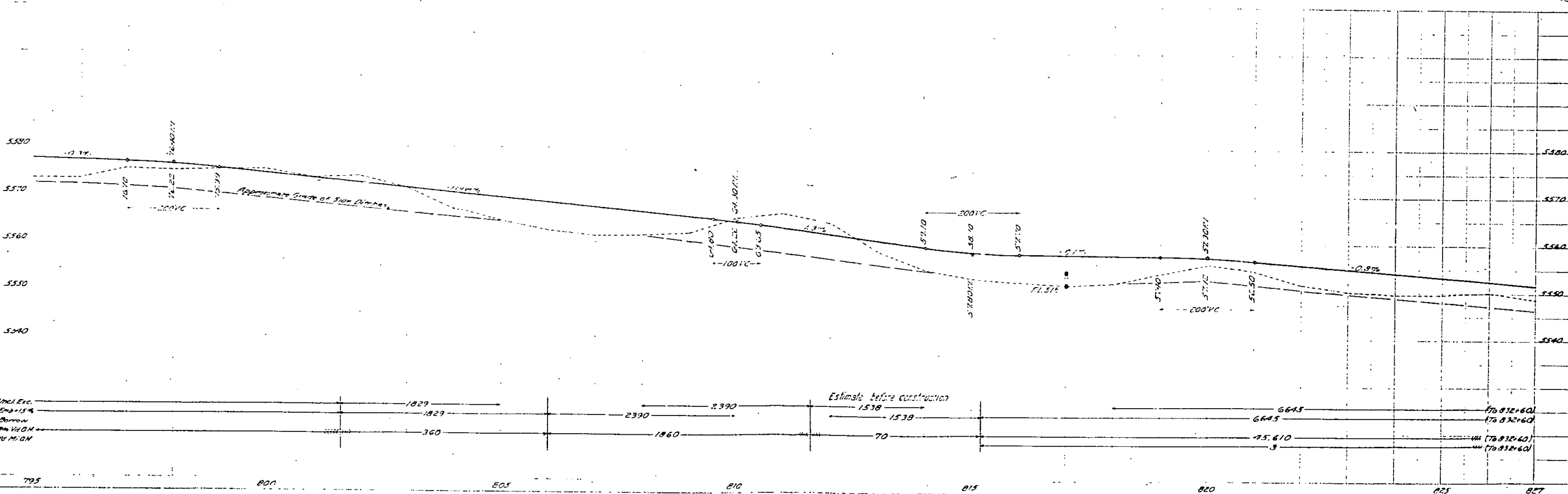
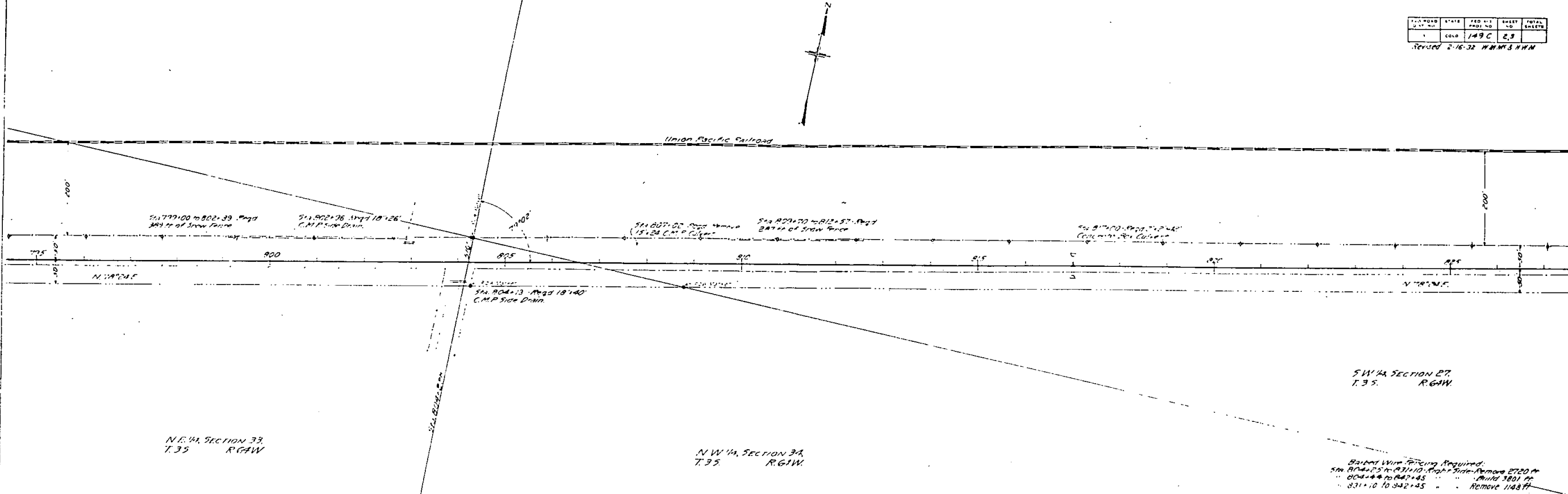




NW 1/4, SECTION 33,
T.35. R.64W

NE 1/4, SECTION 33,
T.35. R.64W

Uncl. Exc.	8,709	Estimate before construction	5099	(To 801+60)
5% cut 15%	8,709	1564	5099	(To 801+60)
Barrow	35,440	40	18,200	(To 801+60)
Sub 16' O.H.	138			



S.E. 1/4, SECTION 33.
T.35 R.65 W.

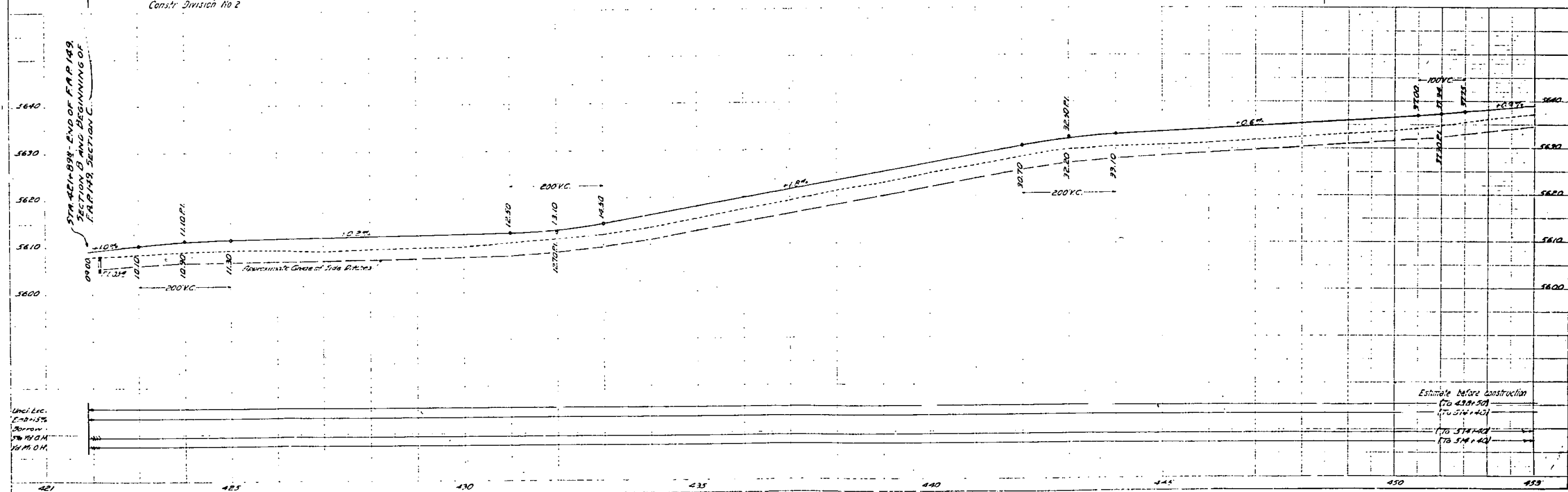
N.E. 1/4, SECTION 4,
T.4S. R. 65W.

Barbed Wire Fencing Req'd:
Sta 422+10 to 507+35 - Left Side - Remove 8600 ft.
" +23 " +62 " " - Build 8519 ft.
Sta 422+15 to 474+60 - Right Side - Remove 3285 ft.
" +30 " " " " - Build 5230 ft.

Note: Earthwork data shown on profile applies to preliminary quantities of original contract for Constr. Division No 2

N.W. 14, SECTION 4
T.4S R.65W.

ARAPAHOE COUNTY



S.E. 1/4, SECTION 33,
T. 35. R. 65W.

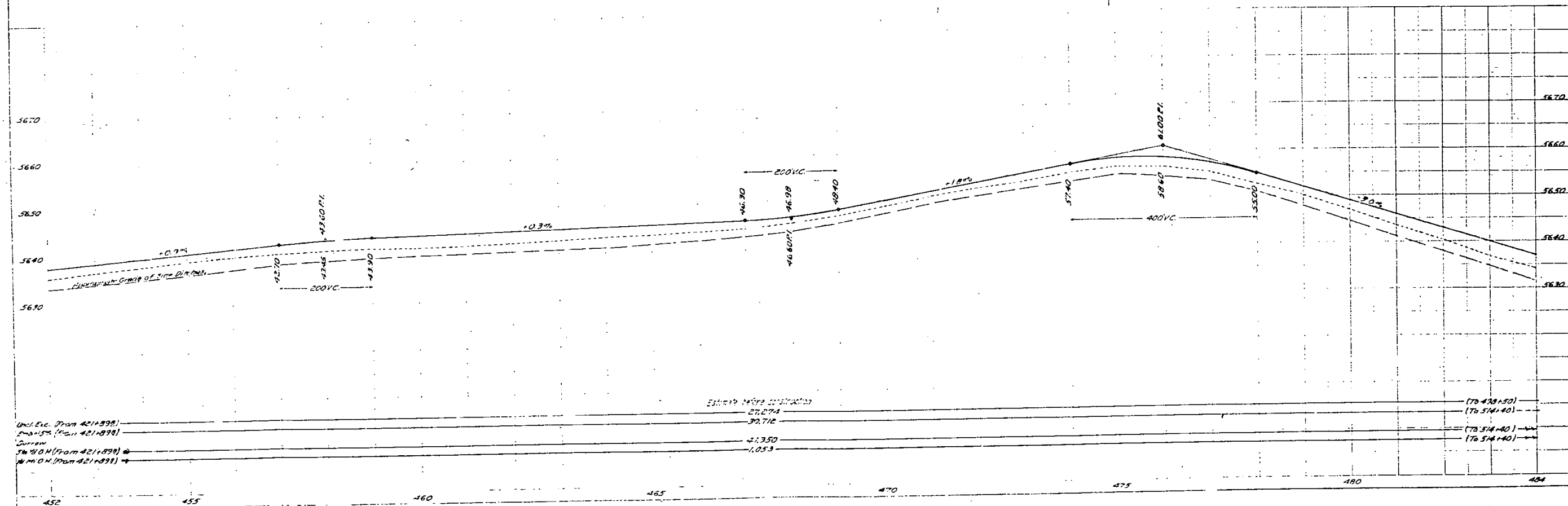
S.W. 1/4, SECTION 34,
T. 35. R. 65W.

N.E. 1/4, SECTION 4,
T. 45. R. 65W.

N.W. 1/4, SECTION 3,
T. 45. R. 65W.

ARAPAHOE COUNTY

Revised Wire Fencing Required:
514 475+20 to 528+30 Right Side Build 5310 ft.





SW 1/4, SECTION 34,
T.35. R.65W.

SE 1/4, SECTION 34,
T.35. R.65W.

NW 1/4, SECTION 3,
T.45. R.65W.

NE 1/4, SECTION 3,
T.45. R.65W.

ARAPAHOE COUNTY

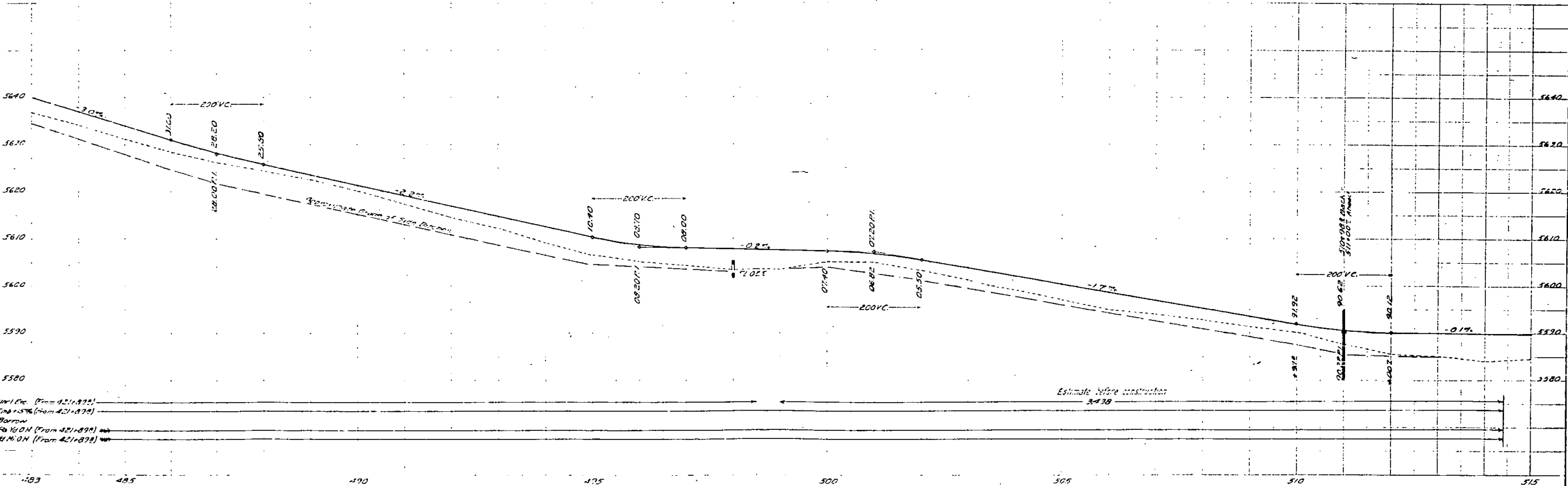
ADAMS COUNTY

Union Pacific Railroad

Barbed Wire Fencing Required:
Sta 500+45 to 528+30 - Right Side - Remove 2990 ft.

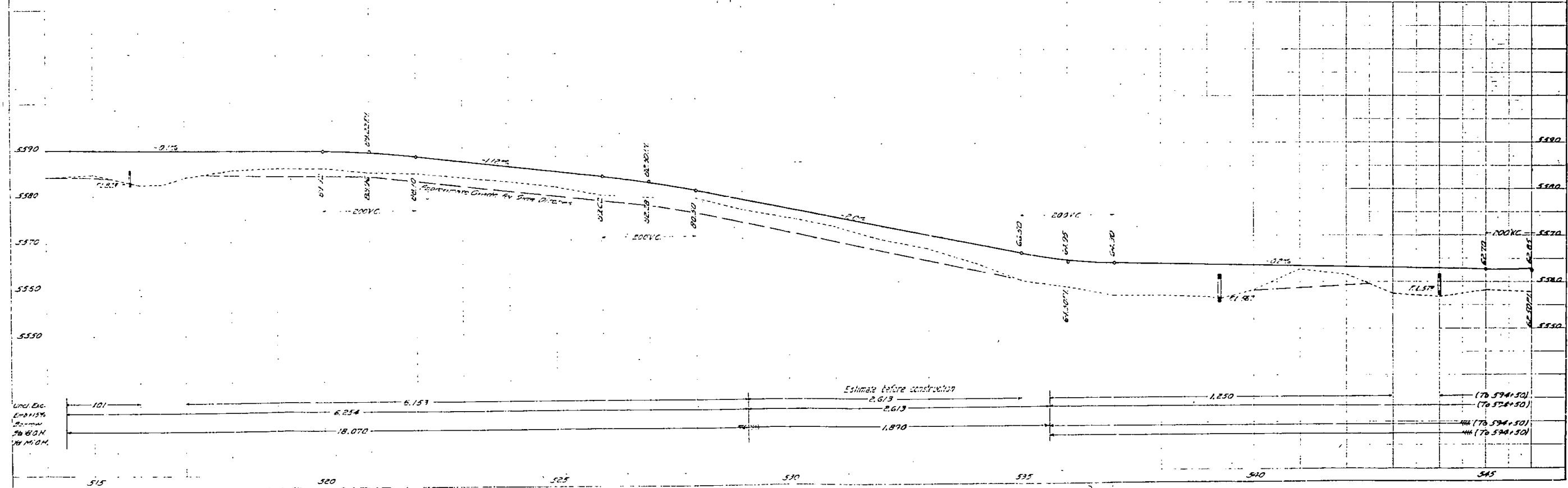
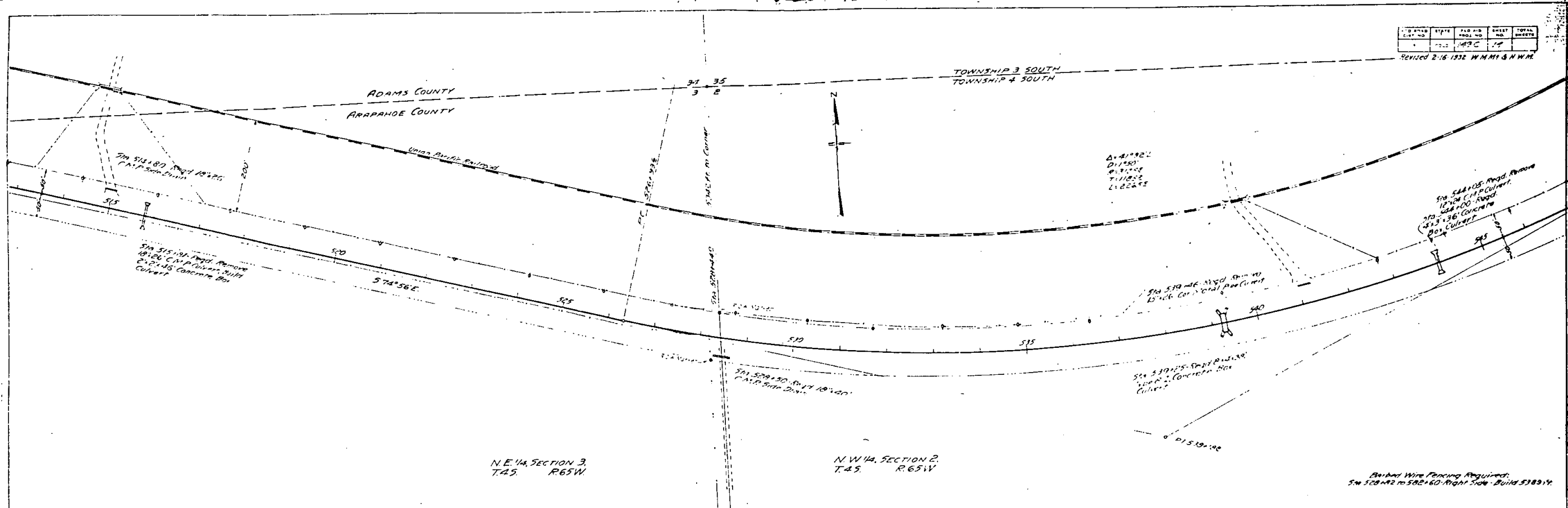
4+14.30 P
2+12+00
P+23652
T+37229
L+1412

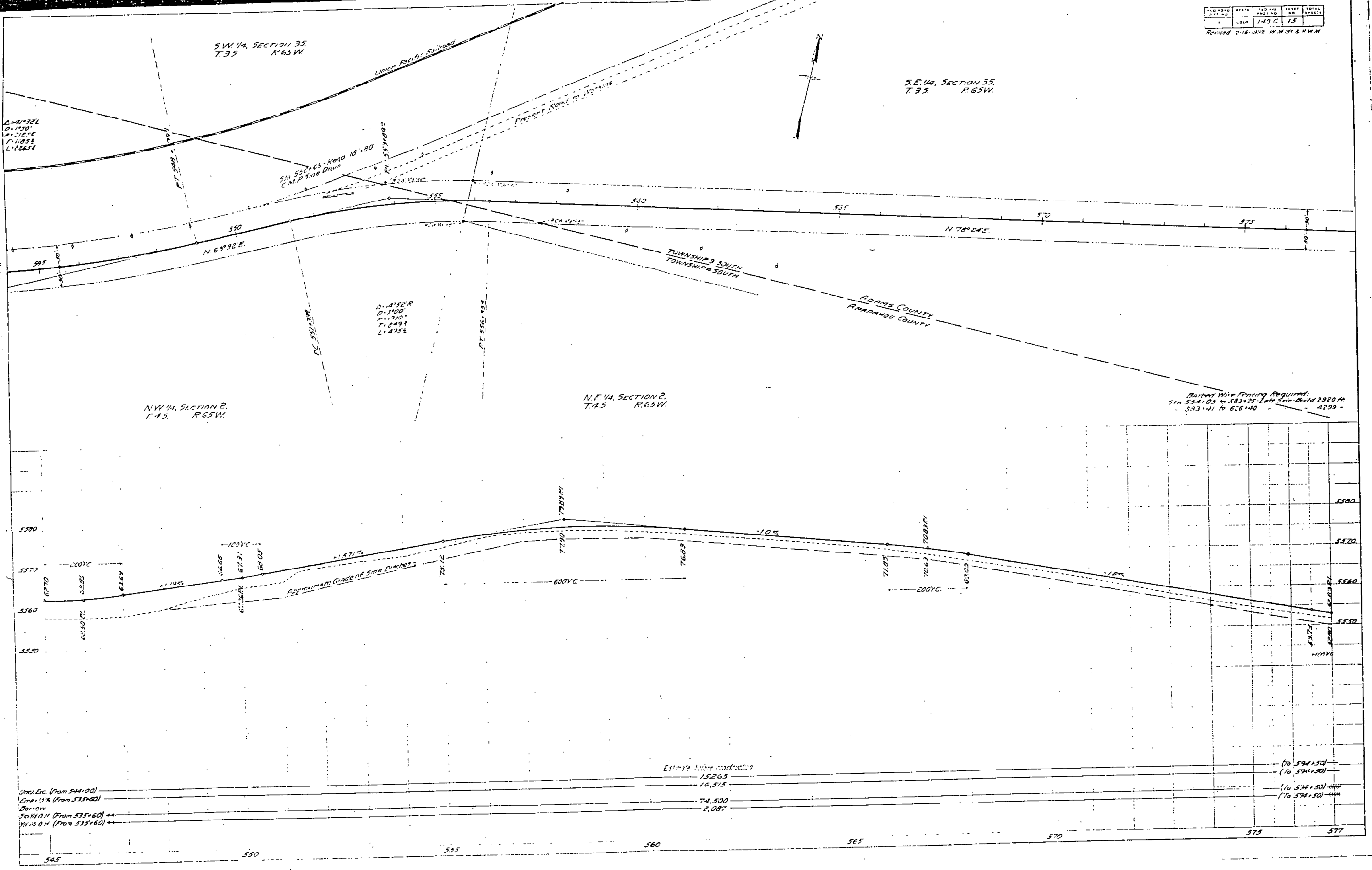
ST. 510+00 to 511+00
ST. 511+00 to 512+00



Estimate before construction
3478

Low E. (From 421+872)
End of 15% (From 421+872)
Borrow
Sub 100 ft (From 421+872)
Rem. on (From 421+872)





Uncl. Loc. (From 544+00)	15,265	(To 594+50)
Clearing (From 535+60)	16,515	(To 594+50)
Barrow	74,500	(To 594+50)
Field 0.11 (From 535+60)	2,087	(To 594+50)
Field 0.11 (From 535+60)		