

FED. ROAD DIST. NO.	STATE	U.S.P.W. HIGHWAY PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	N.R.H. 260-C (1935)	1	

Revised Const. Feb. 36

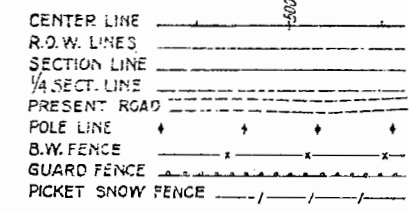
Blue Mesa

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED U. S. P. W. H. PROJECT NO N.R.H. 260-C (1935) STATE HIGHWAY NO. 6 GUNNISON COUNTY

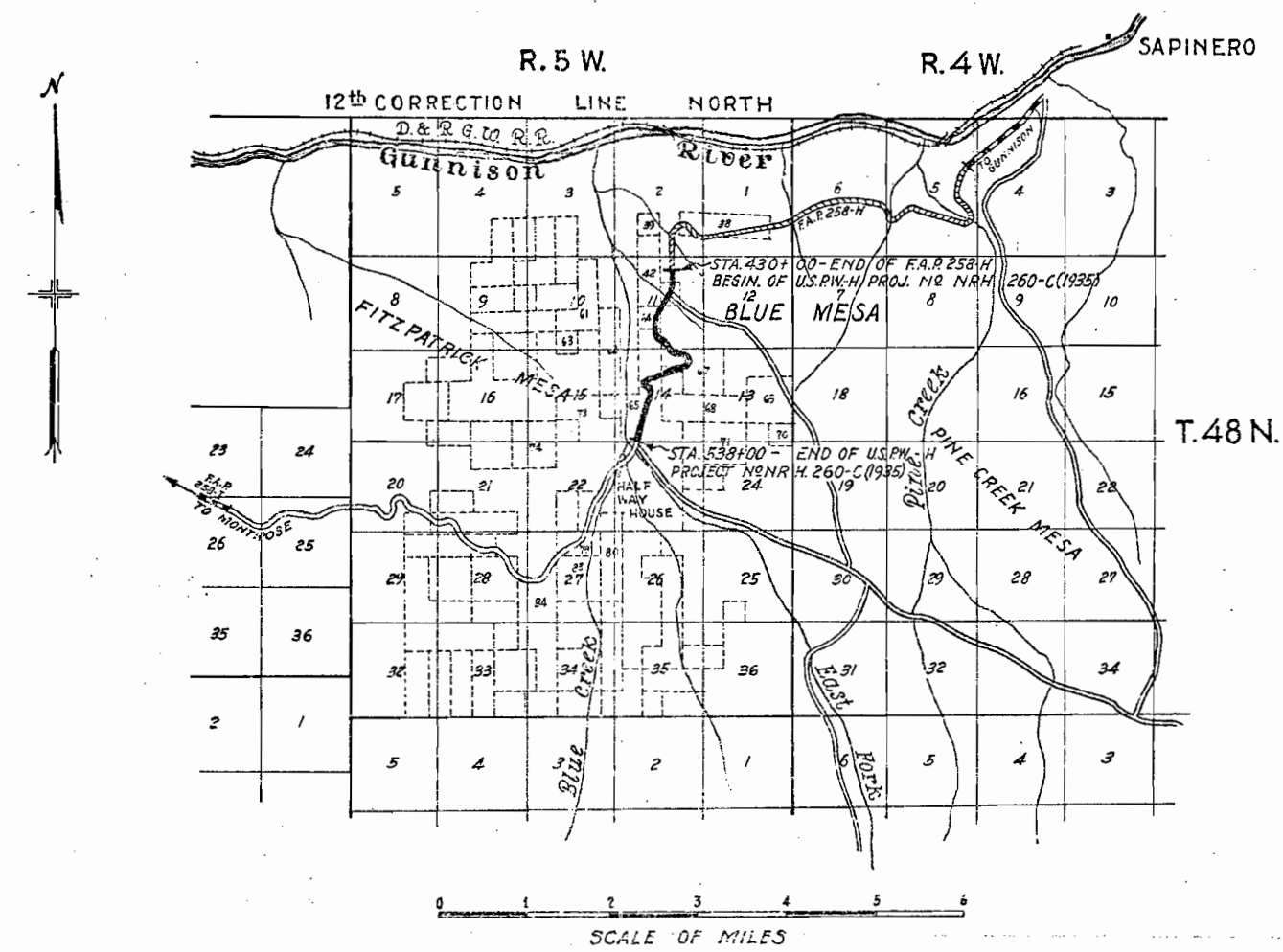
- INDEX OF SHEETS
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 3. List of Structures
 4. Standard Concrete Box Culverts (Spec. Rev.) M-103-D
 5. Std. Superelevation & Widening M-1-4
 6. Wire Cable Guard Fence M-20-G
 7. Fences and Marker Posts M-24-F
 8. Picket Snow Fence M-25-B
 9. Headwalls M-102-E
 - 10-14 Plan and Profile
 - 15-164 Cross-Sections

CONVENTIONAL SIGNS



Scales on Original Tracings
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 10,997.7 FT. = 2.083 MI.
NET LENGTH OF PROJECT

FILE COPY
Do Not Remove

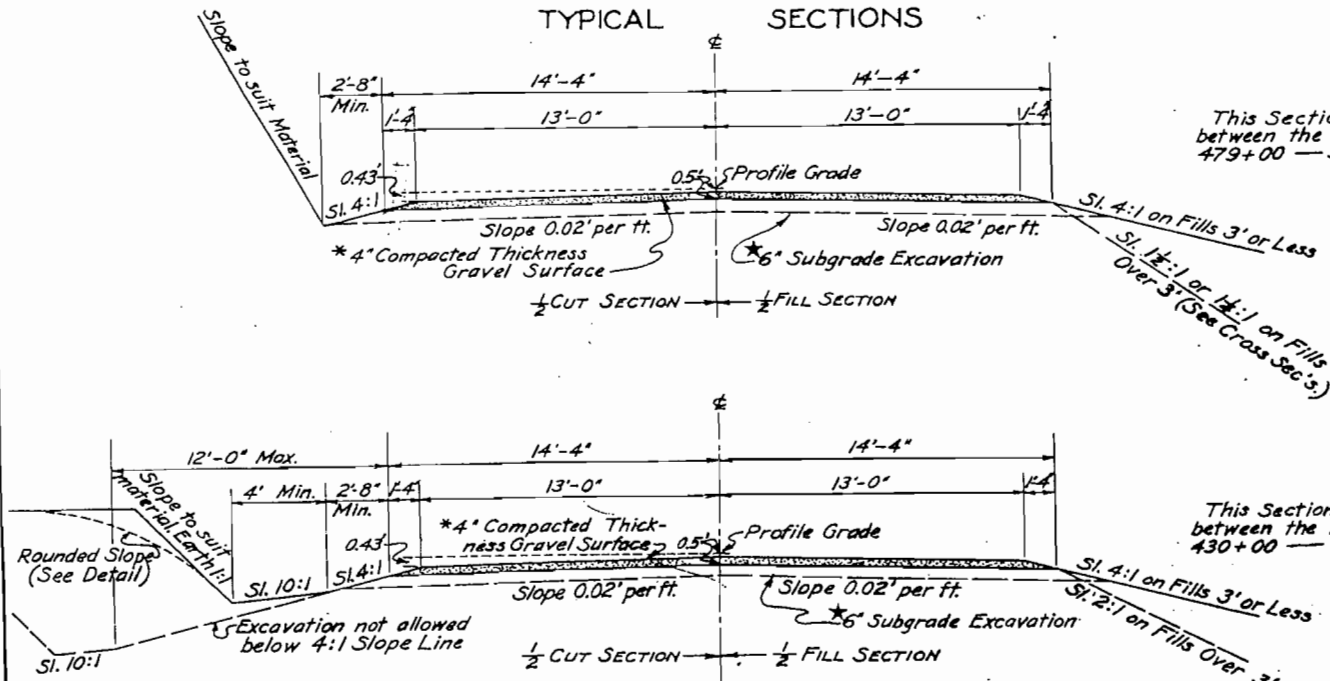


NOTE
It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department:-
J.J. VANDEMOER, DIVISION ENGINEER, GRAND JUNCTION
HOMER GRAY, RESIDENT ENGINEER, GUNNISON

RECOMMENDED FOR APPROVAL 2/6/35
J. J. Vandemoer
ASSISTANT ENGINEER
APPROVED
Chas. Vail
STATE HIGHWAY ENGINEER

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

TYPICAL SECTIONS



This Section to be used between the following Stations:
479+00 — 538+00

This Section to be used between the following Stations:
430+00 — 479+00.

* The thickness of gravel surfacing is to be considered approximate only. Base course gravel surfacing is to be placed at the rate of 55 Tons per 100 feet of roadway.

* In places where excavation and embankment are in rock which would result in a roadway unsuitable for traffic, the 6 inches immediately underlying the subgrade as shown above shall be constructed of selected material, which shall be classified and paid for as "Unclassified Excavation."

GENERAL NOTES

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

All quantities on preliminary plans are considered approximate only.

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 Plans as "Borrow" or on the List of Structures as "Embankment" are to be classified and paid for as "Unclassified Excavation". These quantities are to be staked as part of the original excavation at locations indicated on the Plans.

Any slope stakes beyond the limits of the typical ditches are subject to change by the Engineer to fit embankment requirements actually encountered in construction.

All curves are to be super-elevated and widened in accordance with the Standard Super-elevation sheet included with the Plans, unless otherwise noted on the Plans.

Except as limited by the Special Provisions power equipment may be used on this Project.

All pipe cross culverts are to be provided with one headwall, that on the inlet end, unless otherwise noted on the Plans.

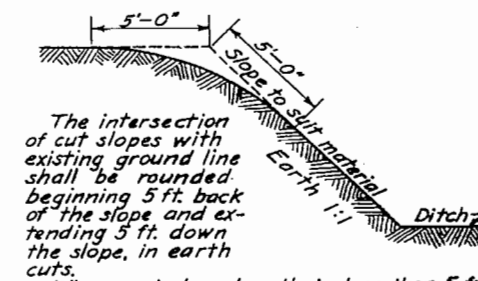
The line and grade as shown on the Plans is subject to adjustment.

Trees and logs cleared from the right-of-way are to be placed at the base of fill slopes as directed by the Engineer.

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

The Contractor's attention is called to the fact that curves and grades at Sta. 466±, 477±, 495±, 507±, 516± and 529± may be revised to improve sight distance. These changes shall be included in original contract prices for the project.

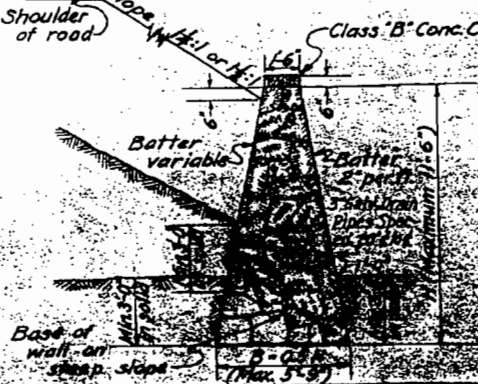
DETAIL OF CUT SLOPE TREATMENT



The intersection of cut slopes with existing ground line shall be rounded beginning 5 ft. back of the slope and extending 5 ft. down the slope, in earth cuts.

Where cut slope length is less than 5 ft. reduce both of above lengths of cut slope treatment to the actual slope distance.

Excavation quantities involved in the rounded slopes shall not be included in Unclassified Excavation.



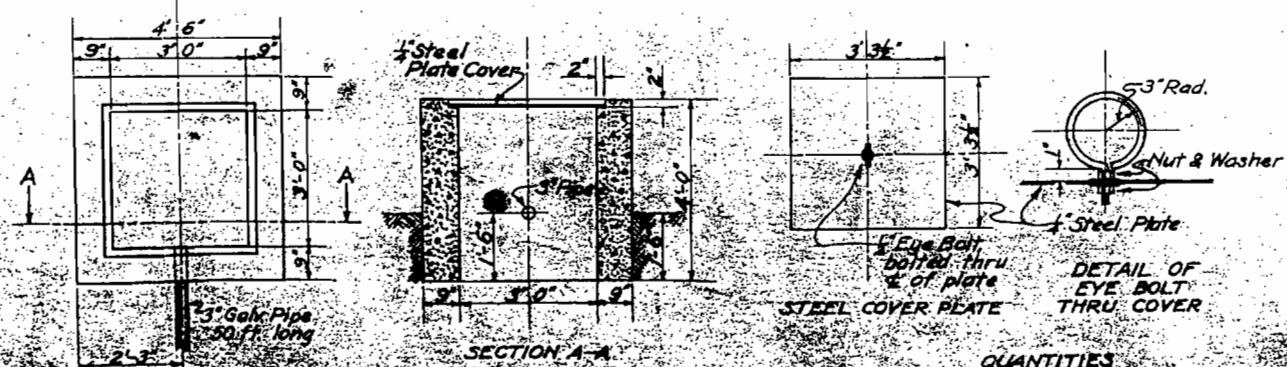
R.O.W. MARKERS

LOCATION	RIGHT SIDE	LEFT SIDE
430+00	1	1
430+70	1	1
433+65	1	1
450+08	1	1
451+09	1	1
457+35	1	1
457+75	1	1
459+56	1	1
460+00	1	1
480+15	1	1
480+65	1	1
490+00	2	1
499+47	1	1
499+95	1	1
507+00	2	1
536+66	1	1
537+16	1	1
538+00	1	1
TOTAL	12	10

FENCING—GATES

LOCATION	SIDE	COMBINATION FENCE LIN. FT.	FENCE REMOVAL LIN. FT.	DRIVEWAY GATES
430+00—538+00	Rt & Lt	22,230		
430+00—447+30	Left		1,745	
430+00—450+55	Right		3,680	
442+00	Right			1
459+75—464+00	Left		450	
469+00	Right			1
TOTALS		22,230	5,875	2

SPRING PROTECTION BOX



QUANTITIES

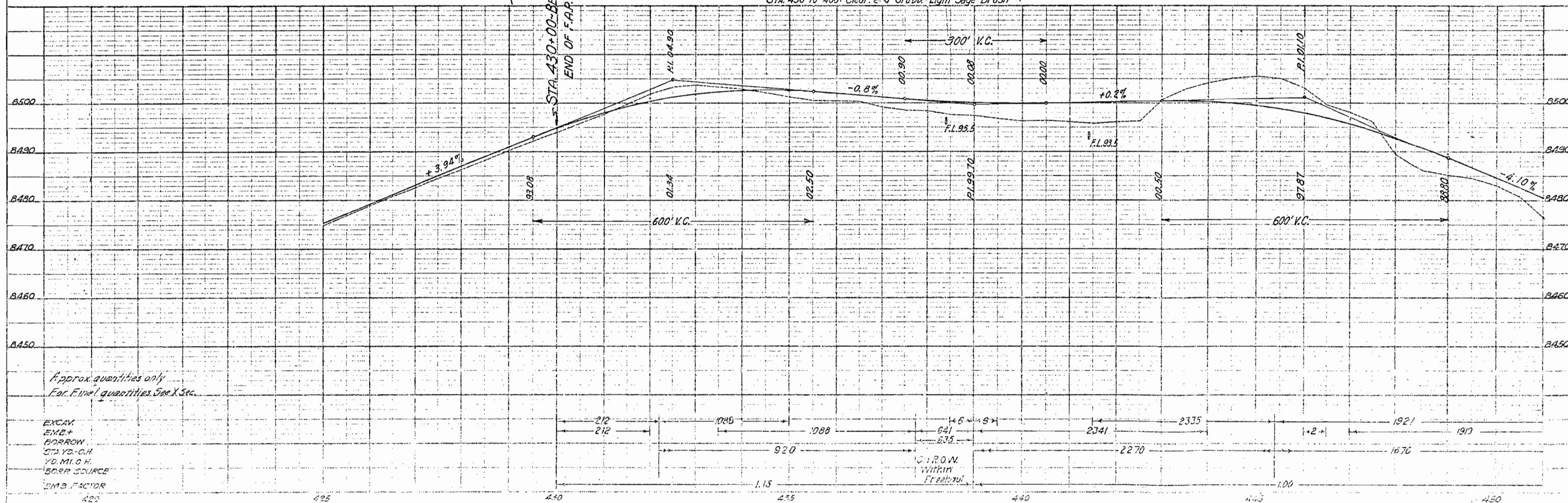
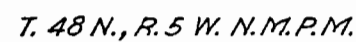
1.7 Cu. Yd. Class 'B' Concrete
1-1/4 Steel Cover Plates (Complete)
50 Lin. Ft. 3-in. Std. Galv. Pipe (Complete)

SUMMARY OF APPROXIMATE QUANTITIES

NO.	ITEM	UNIT	QUANTITY
10a	Clear and Grubb Entire Project	Lump Sum	•
11	Remove 3 Structures	Lump Sum	•
12a	Remove Fence	Lin. Ft.	5,900
13c	Unclassified Excavation	Cu. Yd.	141,000
13y	Cut Slope Treatment	Mile	1.0
14a	Dry Rock Excavation (Structural)	Cu. Yd.	480
14b	Dry Common	"	320
14c	Wet Rock	"	160
14d	Wet Common	"	110
18a	Station Yard Overhaul	Sta. Yd.	187,000
18b	Yard Mile	Yd. Mi.	2,000
30x	Gravel or Crushed Rock Surfacing	Ton	6,100
46a	Class 'A' Concrete	Cu. Yd.	178
46b	Class 'B'	Cu. Yd.	43
47	Reinforcing Steel	Lb.	14,900
48x	1/4" Steel Plate Cover	Each	1
49	Cement Rubble Masonry	Cu. Yd.	310
53b	18" Corr. Metal Culvert Pipe	Lin. Ft.	1,350
53c	24" " " " " " "	"	164
53e	36" " " " " " "	"	434
72	Wire Cable Guard Fence	Lin. Ft.	6,976
77	Picket Snow Fence	Lin. Ft.	500
79	R.O.W. Markers	Each	22
95a	Combination Wire Fence	Lin. Ft.	22,300
95b	Driveway Gates	Each	2
116	3" Std. Galv. Pipe	Lin. Ft.	50

NOTE: All poles encroaching on the R.O.W. are to be moved by the owners.

Rey. as Const. 2-36 HL:



FED. ROAD DIST. NO.	STATE	U.S. R.W. HIGHWAY PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	N.R. - 250-0 (1935)	11	

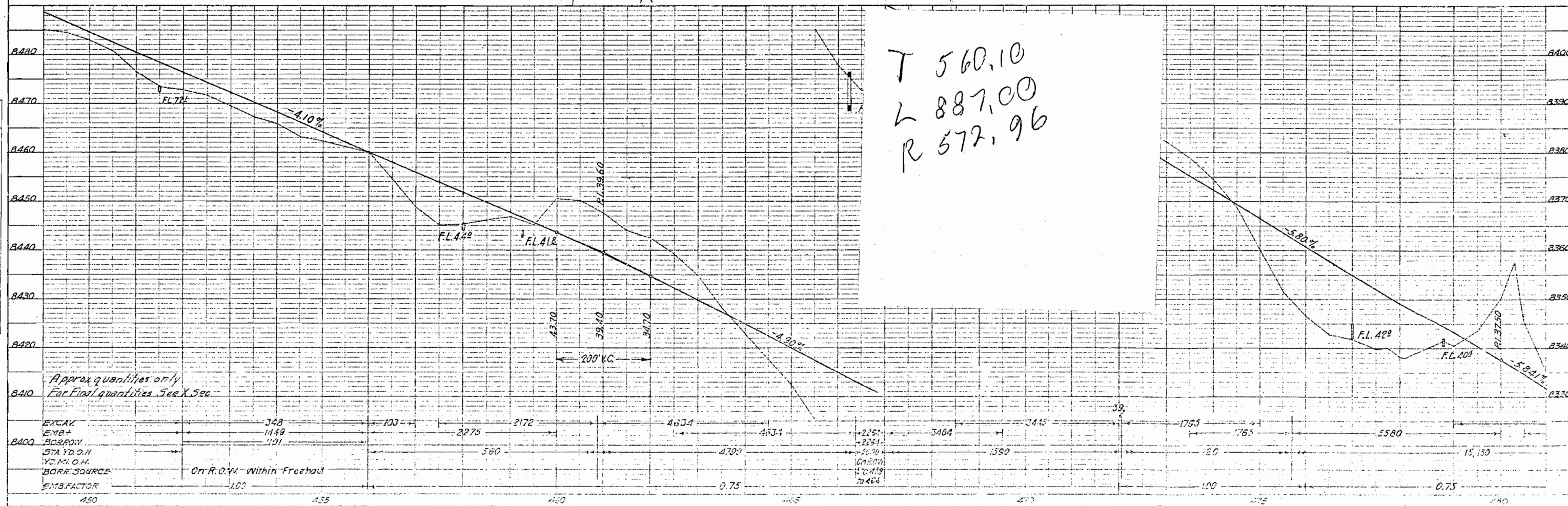
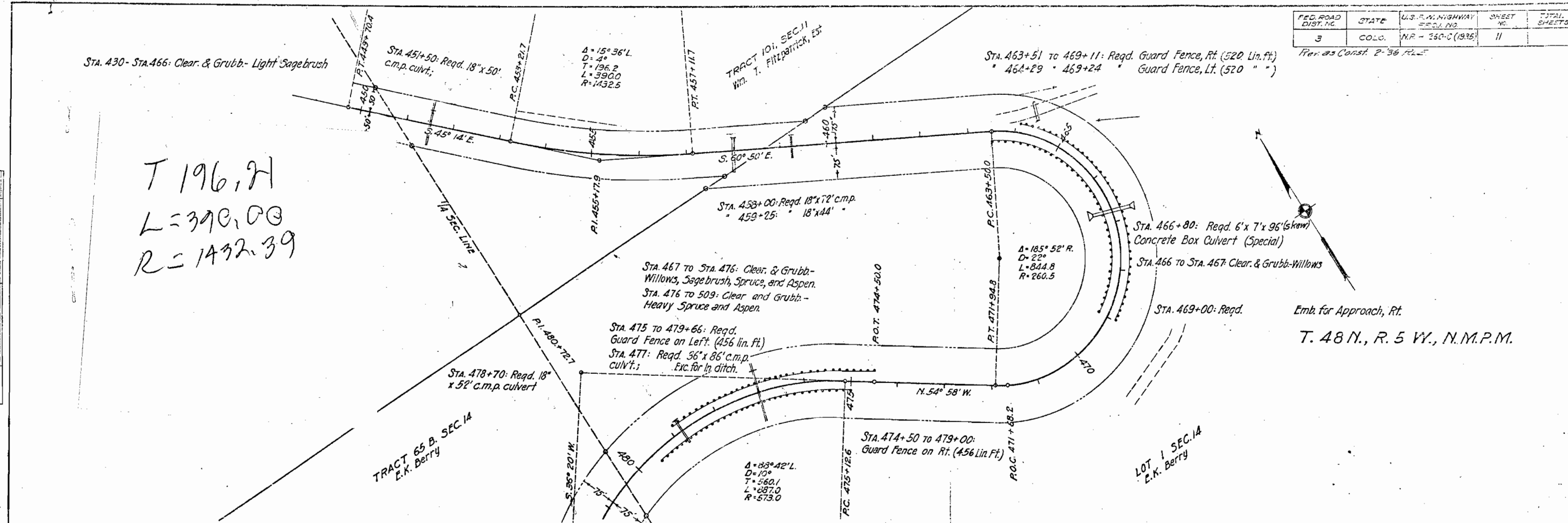
Plan 23 Const. 2-36 P.L.E.

T 196.21
L = 390.00
R = 1432.39

Emb. for Approach, Rt.
T. 48 N., R. 5 W., N.M.P.M.

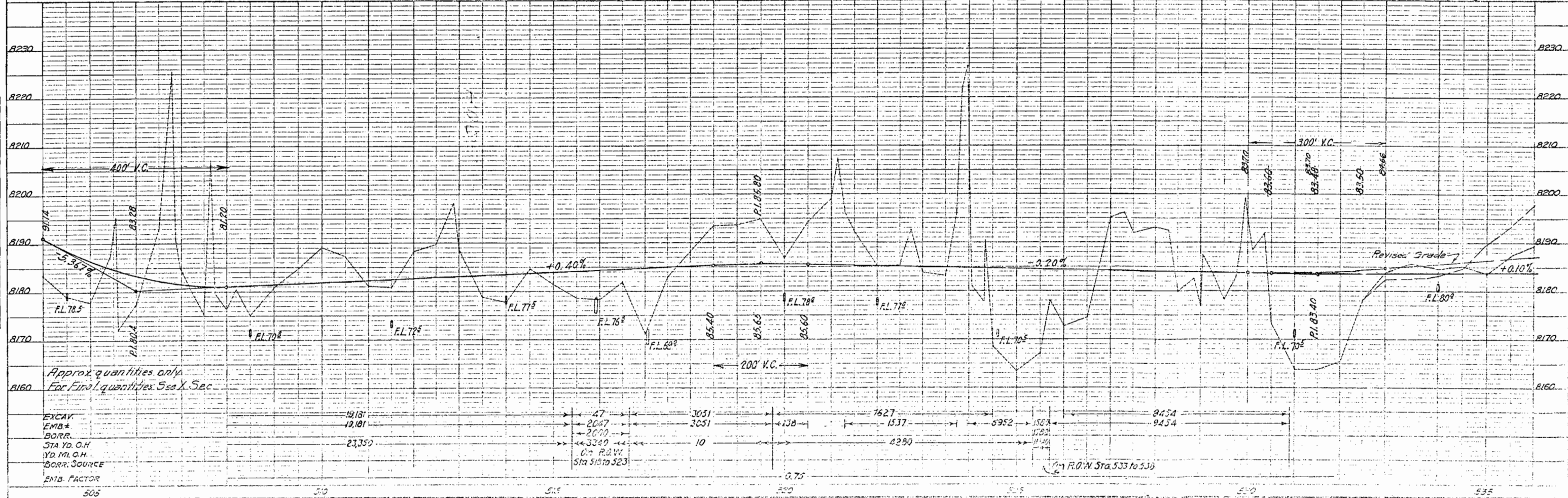
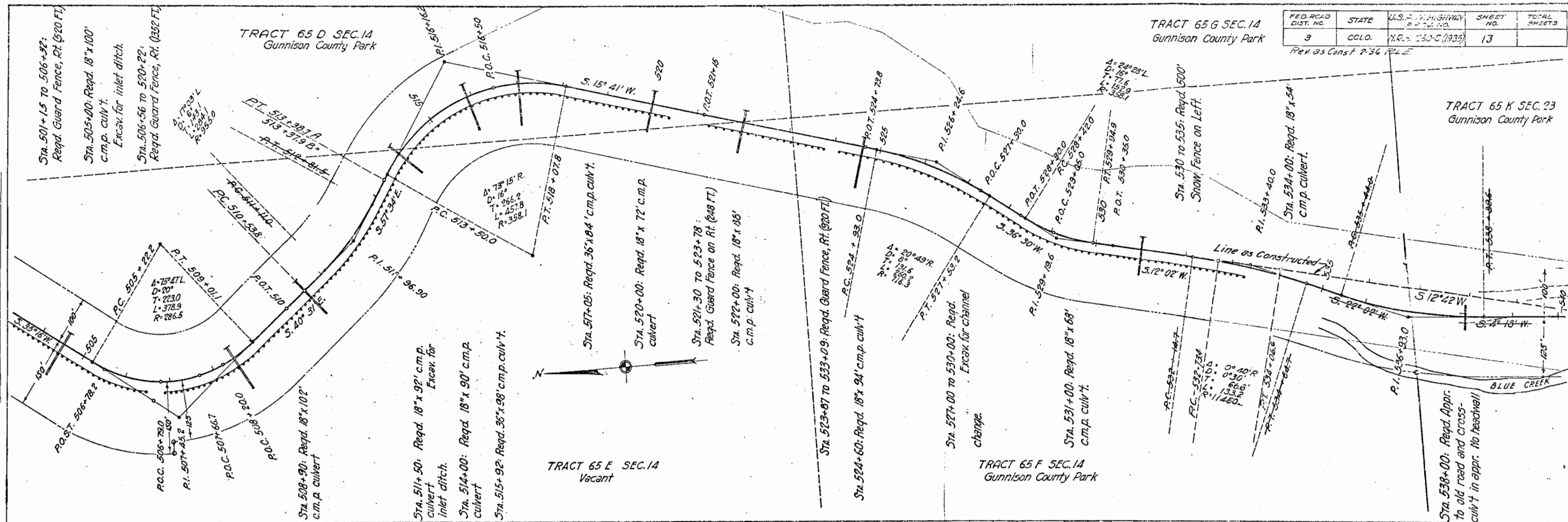
PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



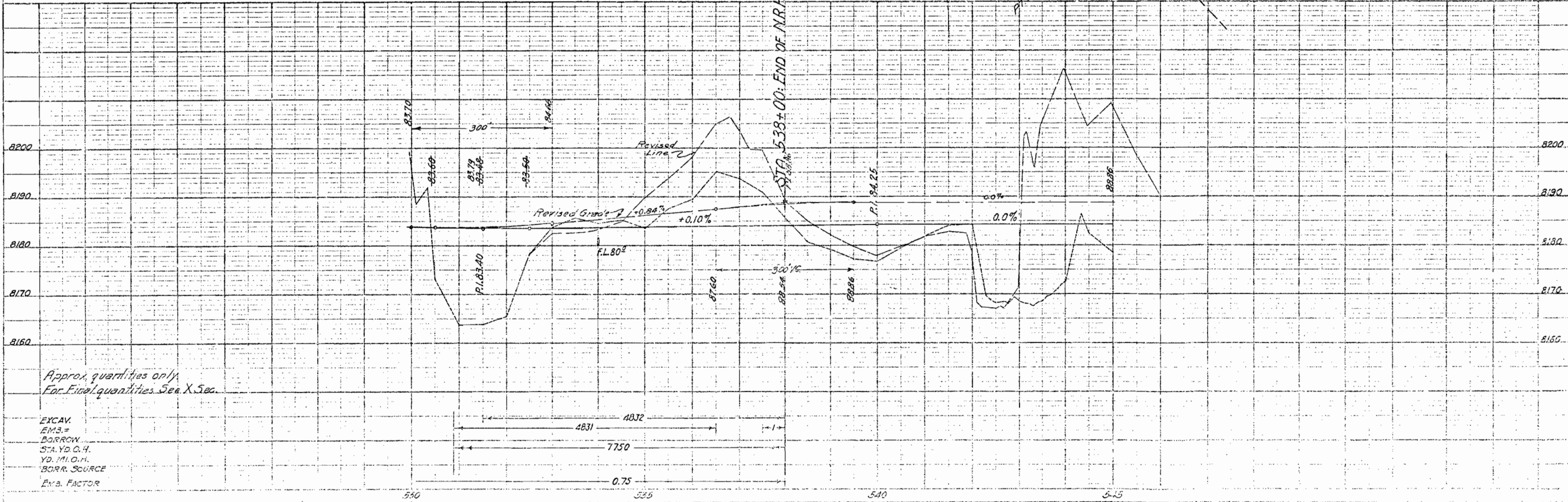
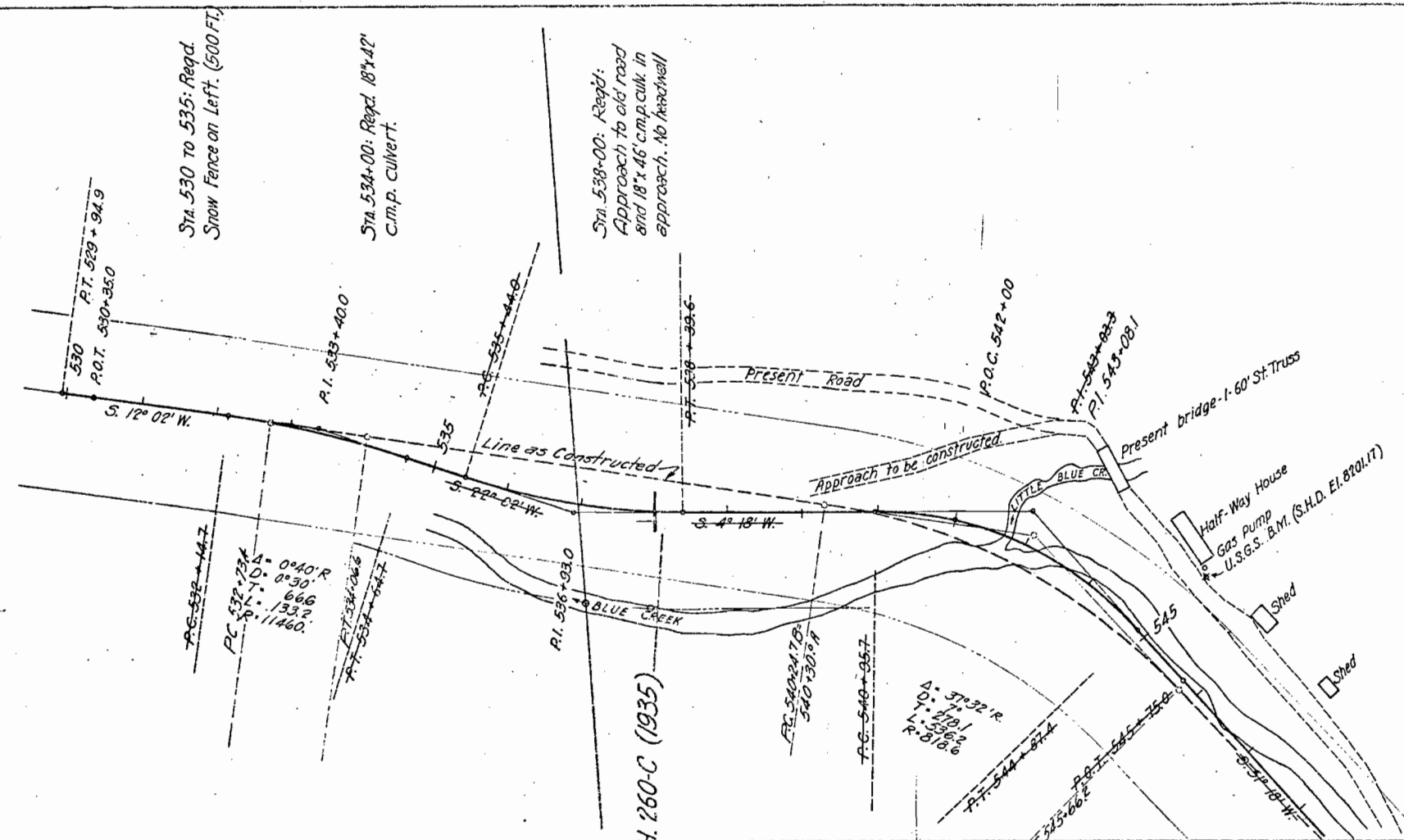
PLAN	REVISION	DATE	BY	CHKD
NO.	1			
NO.	2			
NO.	3			
NO.	4			
NO.	5			
NO.	6			
NO.	7			
NO.	8			
NO.	9			
NO.	10			

PROFILE	REVISION	DATE	BY	CHKD
NO.	1			
NO.	2			
NO.	3			
NO.	4			
NO.	5			
NO.	6			
NO.	7			
NO.	8			
NO.	9			
NO.	10			



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3	COLO.	N.R. 260-C (1935)	14	

REV. AS CONST. P. 36 P. 5



DATE	BY	REVISION

DATE	BY	REVISION

