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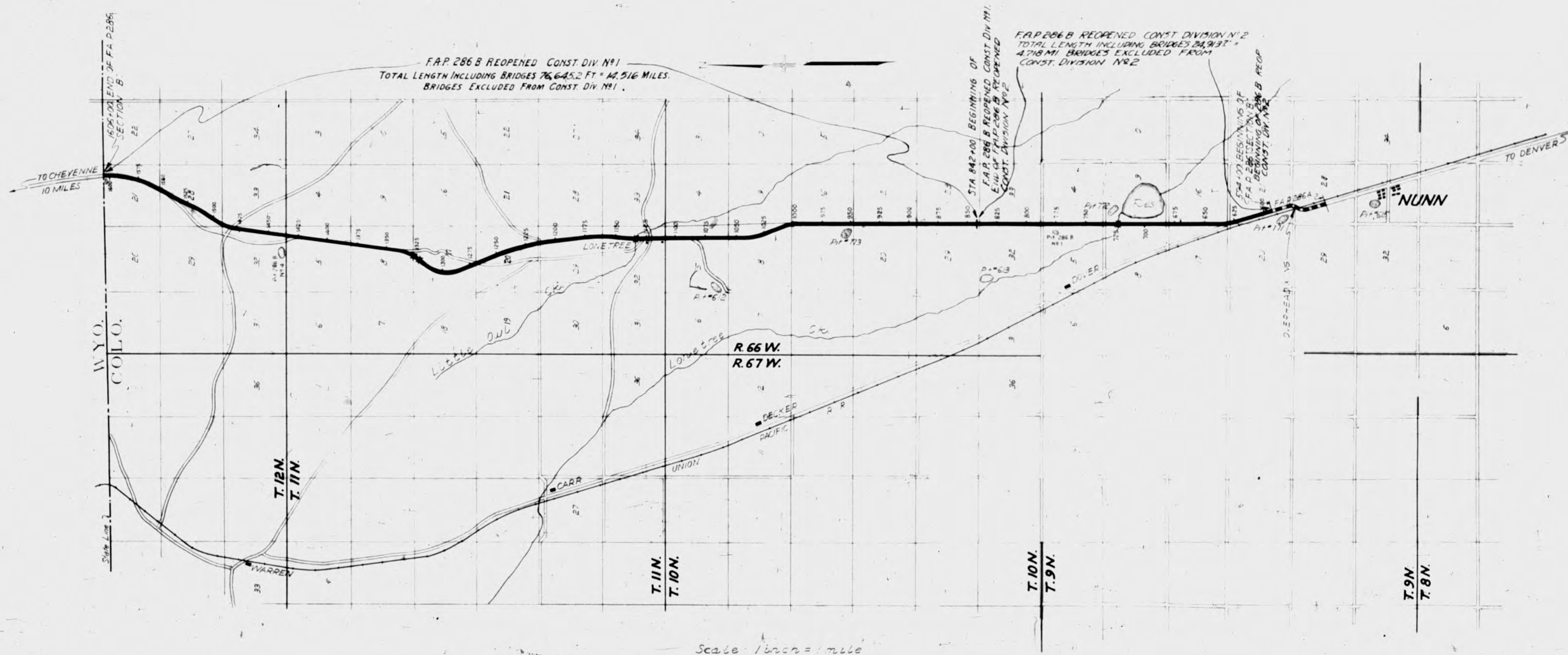
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COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 286B STATE HIGHWAY NO. 3 WELD COUNTY

CONVENTIONAL SIGNS



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 101,578.9 FT. = 19.234 MILES
 NET LENGTH OF PROJECT



RECOMMENDED FOR APPROVAL
 J. J. Maloney 3/22/29
 ASSISTANT ENGINEER
 APPROVED
 J. J. Maloney
 STATE HIGHWAY ENGINEER
 RECOMMENDED FOR APPROVAL
 DIST. ENG. BUREAU PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 CHIEF ENG. BUREAU PUBLIC ROADS
 APPROVED
 DIRECTOR BUREAU PUBLIC ROADS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLO.	286 B	2	

Rev. 6-30-25 H.O.W.
 * 10-17-25 "
 * 12-21-25 "

STATION	DESCRIPTION	TEMP. METAL CULV PIPE			CONCRETE CU YDS	REINF. STEEL LBS.	WIRE FENCE LBS.	GUY E/F 1/4" FOR POSTS	WET E/ICA/ FOR RESTRAINTURE	EXTRA BOX FILL CU YDS
		15"	18"	30"						
612+00	Cross Culv.	36			1.8					
628+76	2 Side Culv.	60			3.6					50
637+75	Cross Culv.	30			1.8					
644+85	Do				1.8					
651+61	Side Culv.	20			1.0					20
701+25	Cross Culv.			36	1.8					
715+05	Side Culv.	50			2.5					20
715+33	Do	20			0.9					30
721+88	4 in. 20" Span Conc. Pile Trestle (See Summary)									
735+19	Side Culv.				0.9					30
745+50	Cross Culv.	30			1.8					
751+00	Do	20			0.9					
779+00	Cross Culv.	36			2.3					20
789+00	Do	36			2.3					
861+59	Side Culv.	20			0.9					20
894+16	Do	30			1.8					40
902+70	Cross Culv.	36			2.3					
902+10	Do	40			2.3					
932+00	Do	32			2.3					
941+00	Do		32		2.3					
966+00	Do		32		2.3					
963+00	Do		38		2.4					
981+00	Do		30		1.8					
1009+00	Do	32			2.3					
1025+00	Do	36			2.4					
1049+00	5 X 7 X 28 Conc. Box Culvert				57.3	5070			-1.5	
1049+50	Do			30	6.1					
1055+00	Side Culv.	30			0.9					150
1076+00	Cross Culv.	30			1.8					
1076+00	4 in. 20" Span Conc. Pile Trestle (See Summary)			16	3.4					
1108+25	Side Culv.	30			0.9					20
1100+28	Cross Culv.			30	6.1					
1121+38	Side Culv.	20			0.9					30
1164+00	Cross Culv.				2.3					
1181+00	4 in. 20" Span Conc. Pile Trestle (See Summary)			34	3.4					
1181+00	Cross Culv.			36	2.3					
1171+25	Do				6.1					
1179+25	Do				6.1					
1189+50	Do			36	6.1					
1203+75	Do			36	6.1					
1215+35	2 Side Culverts	60			1.8					60
1234+00	Side Culv.	30			1.8					
1246+00	Do			30	3.4					
1252+50	4 in. 1/4" Span Conc. Box Culv.	30			3.3	2489				
1267+00	Cross Culv.			70	1.8					
1300+00	Do				3.4					
1321+89	4 in. 20" Span Conc. Pile Trestle (See Summary)								40	35
1326+04	Side Culvert</									

LOCATION OF RIGHT OF WAY FENCE
TO BE REMOVED AND REPLACED.

From	To	Length
613+75	628+425	1467.5
629+04	734+82	21156
735+45	788+37	10584
789+00	841+56	5256
841+56	893+87	10462
894+45	947+21	10552
947+21	1000+85.5	5364.5
1090+00	1129+00	7800
	Total	72642 Ft

LOCATION OF RIGHT OF WAY FENCE WORK NOT RECEIVING
FEDERAL AID.

Fran.	Fl.	Monnaie Fran. 1896-1900	Monnaie de Russe 1896	Nouv. Franc 1901-1902
594+00	613+75			12775
1000+85	1090+00			17830
1129+00	1134+56.5			1113
134+56.5	1172+54.5	1899	1899	1899
1269+00	1270+60			160
1488+65	1550+87	9333	3111	9333
1550+87	1585+67		3450	
1368+00	1380+00		1200	
1270+50	1488+65		2536.30	
1550+87	1565+90		2826	
1565+00	1585+67		2067	
	Total	11533	5823	32310

NOTE:- FOR TYPICAL CROSS SECTION OF ROAD SEE SHEET No 2A.

[illegible]

ITEM	UNIT	QUANTITY
Excavation Common	Cu Yds	10.00
Borrow Fill	Cu Yds	252.00
dry Common Excavation for Structures	Cu Yds	4.00
Clearcut	Sq Yds	76.00
Concrete Class A	Cu Yds	2.88
Concrete Class B	Cu Yds	1.73
Reinforcing Steel	Lbs	235.00
8" Cor Metal Gate Pipe	Lin Ft	712
16"	"	438
24"	"	386
36"	"	410
Remaining One (1) M.P. Culvert	Lump Sum	"
Removing one (1) M.P. Culvert	"	"
Removing and Replacing Right of Way Fence	MIle	13.76
Wire Cable Guard Fence	100 FT.	1400
Edge Posts	Each	1000
Barbed Wire	SPOOL	32
Concrete Class A	Cu Yds	1.86
Reinforcing Steel	Lbs	134.20
Reinforced Concrete Piling	Lin Ft	4.00
Untreated Timber Headers	M.B.F.Ft	8.0
Wire Cable Guard Fence	Lin Ft	8.0
Remaining Concrete Form	Lump Sum	"
60 FT BRIDGE STA 132+10		
Concrete Class A	Cu Yds	1.13
Reinforcing Steel	Lbs	80.50
Reinforced Concrete Piling	Lin Ft	36.0
Untreated Timber Headers	M.B.F.Ft	0.4
Wire Cable Guard Fence	Lin Ft	200
80 FT BRIDGE STA 132+39		
dry Common Excavation for Structure	Cu Yds	12.9
Borrow Fill	Cu Yds	21
Concrete Class A	Cu Yds	119.5
Reinforcing Steel	Lbs	19700
Reinforced Concrete Piling	Lin Ft	46.0
Untreated Timber Headers	M.B.F.Ft	4.14
Wire Cable Guard Fence	Lin Ft	75.0
80 FT BRIDGE STA 1326+04		
Class A Concrete	Cu Yds	66.4
Reinforcing Steel	Lbs	13420
Reinforced Concrete Piling	Lin Ft	630
Untreated Timber Headers	M.B.F.Ft	2.50
Wire Cable Guard Fence	Lin Ft	8.0

SUMMARY OF WORK NOT RECEIVING FEDERAL AID

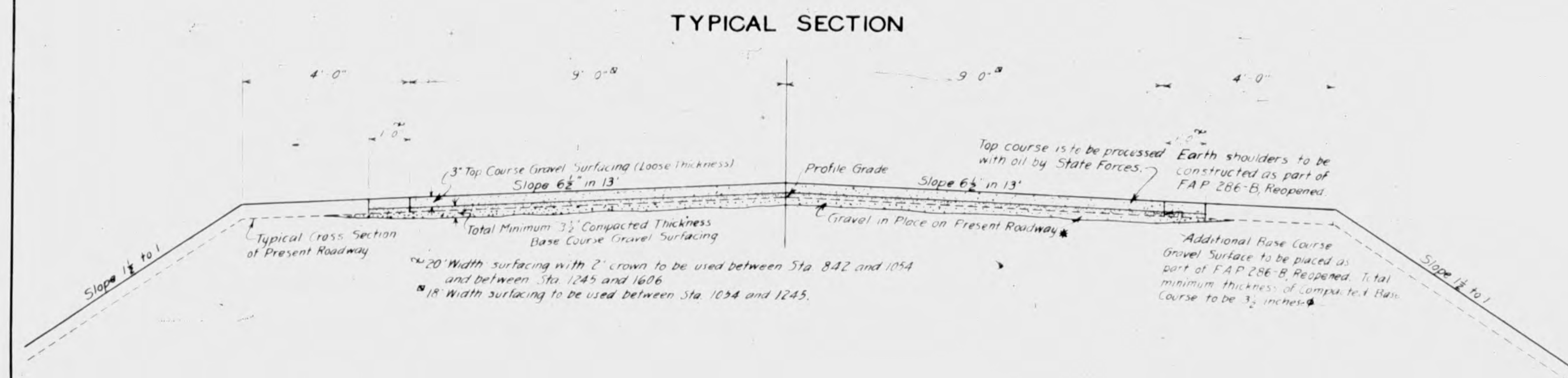
Item	Unit	Quantity
Concrete C.I.A	Cu Yd	59
Reinforcing	Lb.	5500
Balbed wire fence	MIle	6 12
Removing present fence	"	2 13
Removing and replacing fence	"	11 03
2 1/2" x 6" Salvaged boiler flue posts	Each	1470
Iron clamps for brace posts	"	20
Hauling posts from Gleason, Wyo.	Days	1
Moving old fences from old road	"	10
Steel wire stays	Each	3000

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

FOR F.A.P. No. 286-B, REOPENED, CONST. DIV. NO. 1.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	GOLD	286-B-1	28	

Rev. 5-2-35, 4/5
4-4-35, 4/5
5-28-35, 4/5
12-26-35, 4/5
2-1-36, 4/5
10-28-36, 4/5



Sta. to Sta.	Present average thickness of surfacing on roadway	Estimated quantity of additional base course material required to obtain necessary thickness of base course
842 - 985	12	1910 Cu Yds
985 - 1040	0	1290
1040 - 1165	12	1640
1165 - 1335	0	3990
1335 - 1550	1	3590
1550 - 1606	2	570
TOTALS		15,010

GENERAL NOTES

All Borrow Excavation required is available on the right of way or immediately adjacent thereto within 300 ft. haul.

Grading quantities for the project are the estimated quantities necessary to construct grade at bridges and to build up shoulders as per typical cross section. The debit for this project will be along the present traveled roadway and the contractor will be required to adequately provide for traffic on this road and at all crossings at his own expense.

Quantities of base course material are to be considered approximate only. Actual thickness of base course material required to obtain a total of 3 1/2 in. compacted thickness will be determined immediately ahead of placing the surfacing material.

For top course 15.67 Cu Yds. per 100 ft. of surfacing material is to be placed.

Thorough compaction of base course will be required before top course material is placed.

It is planned to obtain surfacing material for use between stated points as follows:

Sta. to Sta.	Surfacing Material Required Base Course	Top Course	Available in P.A. No.	Estimated Overhaul Required
842 to 1107	4100 Cu Yds.	4420 Cu Yds.	P.A. No. 286-B-1	24,000 Yd. Mi.
1107 to 1606	8910	9330	P.A. No. 286-B-4	30,000
TOTALS	13,010	12,750		54,000

P.A. No. 286-B-4 & 286-B-7 are indicated on the Title Sheet.

If, for his own convenience, the contractor chooses to use a plan other than the above overhaul in excess of the Department's plan will not be allowed. It is estimated that ample quantities of material can be obtained from above pits.

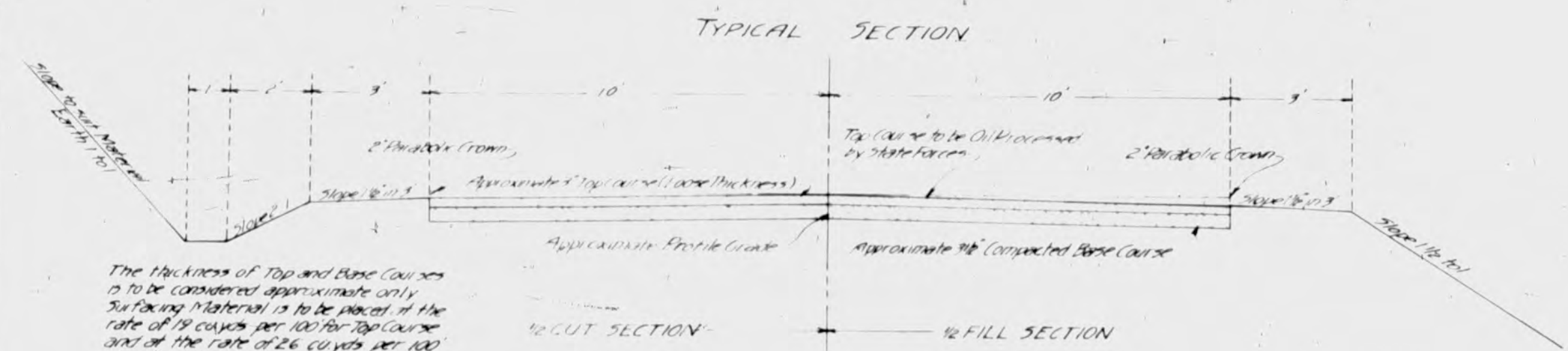
SUMMARY

No.	Item	Unit	Quantity	Amount
5a	Common Excavation	Cu Yd.	100	
5b	Borrow Excavation		37,000	
21b	Base Course Gravel Surface		13,010	
21c	Top Course		12,750	
22	Overhaul on Surfacing	Yd. Mi.	54,000	
Materials to be furnished and work to be done by State Forces				
	Compacting Base Course	Yd. Mi.	163,510	
	Road Mixed Oiled Surfacing		163,510	

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	206-8	24	24

1. 2. 206-8 Approved. Const. District No. 2
Rev. Nov. 2023. HLR



The thickness of Top and Base Courses is to be considered approximate only. Surfacing Materials is to be placed at the rate of 19 cu yds per 100 sq ft for Top Course and at the rate of 26 cu yds per 100 sq ft for the Base Course.

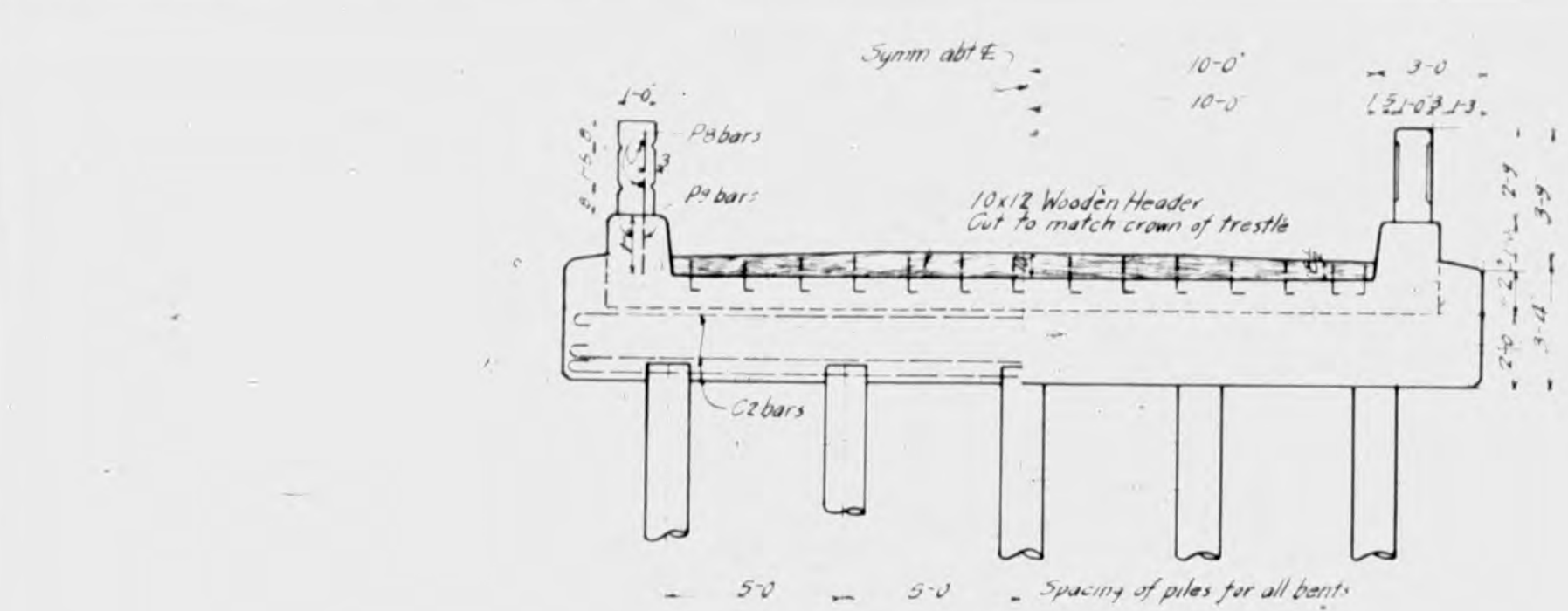
GENERAL NOTES

All Bottom Excavation required is available on the right of way or immediately adjacent thereto within 300' of where needed.
Quantity quantities for the project are the estimated quantities necessary to construct grade at bridges and to build up shoulders on per Typical Section.
The driver for this project will be along the present traveled roadway, and the Contractor will be required to adequately provide for traffic on this road and all crossings at his own expense.
Thorough compaction of base course will be required before top course material is placed. Compaction of Top Course by the Contractor will not be required.
The Department engineer that Surfacing for the Project will be obtained from the vicinity of the 206-8-441 shown on the Title Sheet. This plan involves approximately 1800 cu yds. of Surfacing Material. If for his own convenience, the Contractor elects to use a plan other than the above, provided in excess of the Department's plan will not be allowed.

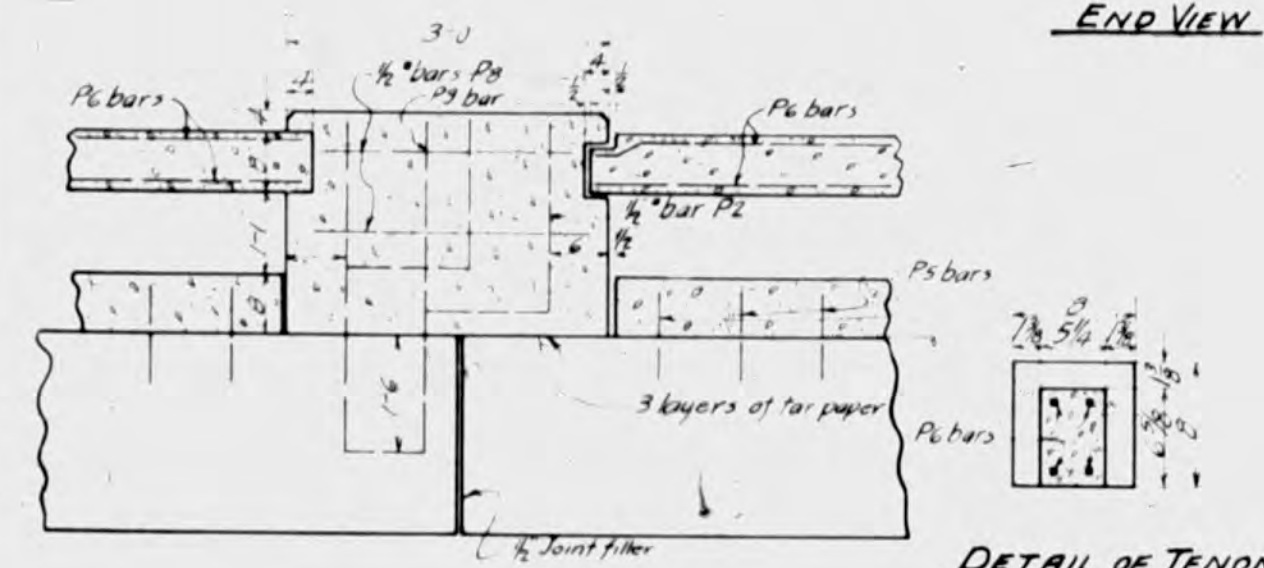
SUMMARY OF APPROXIMATE QUANTITIES

NO	ITEM	UNIT	QUANTITY
8	Bottom Excavation	Cu Yd	7000
20	Base Course Gravel Surfacing	"	5080
21	Top Course Gravel Surfacing	"	4720
22	Overhaul on Surfacing	Sq Yd	8800
MATERIALS TO BE FURNISHED AND WORK TO BE DONE BY STATE FORCES			
	Road Oil, F.O.B. Denver, Colo	Gallon	88000
	Oil Processing, Surfacing	Sq Yd	55000

Base Course Gravel Surfacing quantity includes material required between Sta 314+00 and Sta 388+67.5.

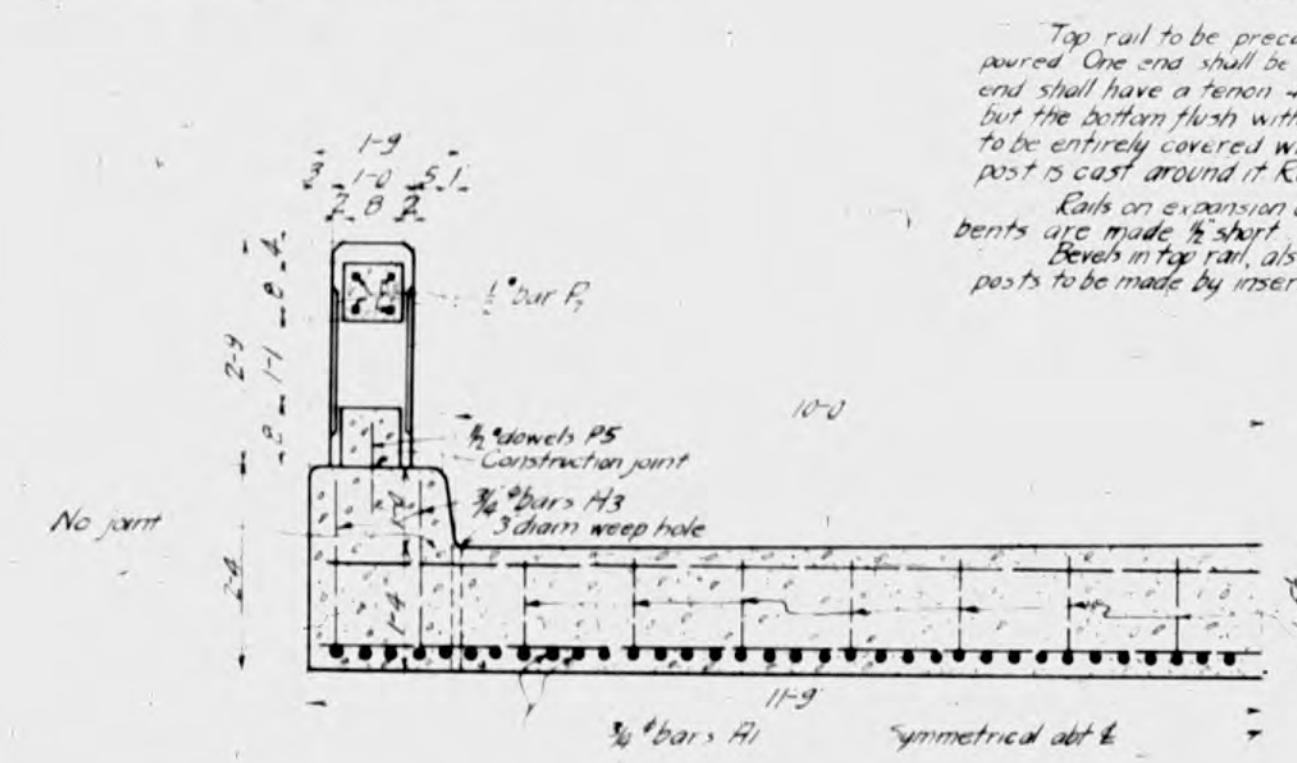


END VIEW

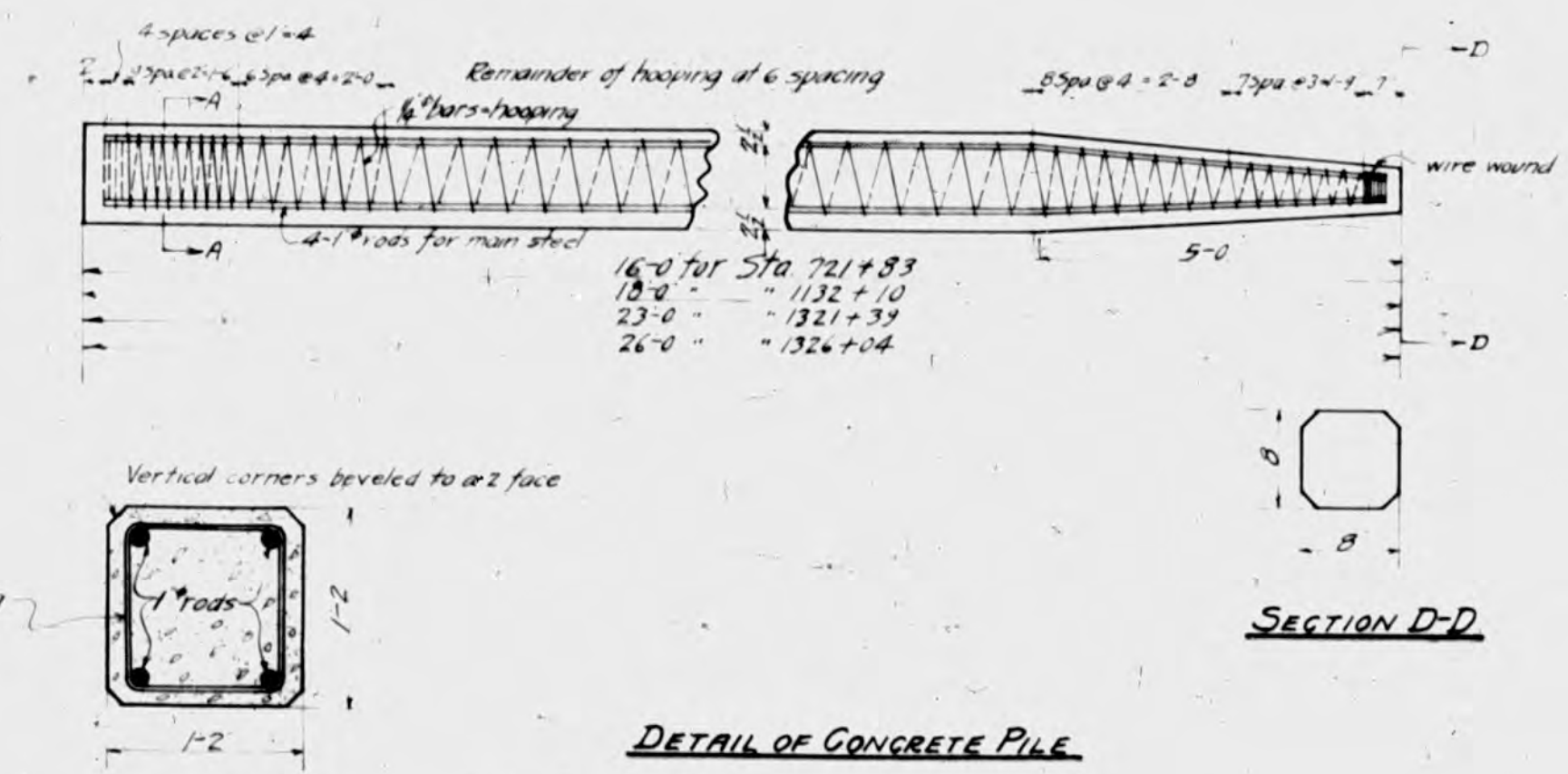


DETAIL OF TENON

DETAIL OF POST AT EXPANSION BENTS

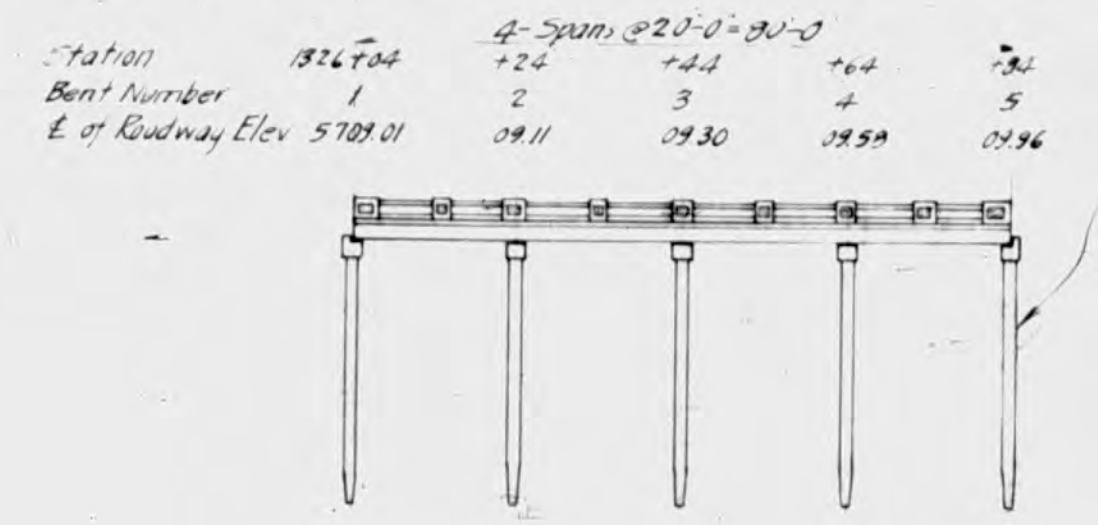


HALF SECTION OF SLAB B-B

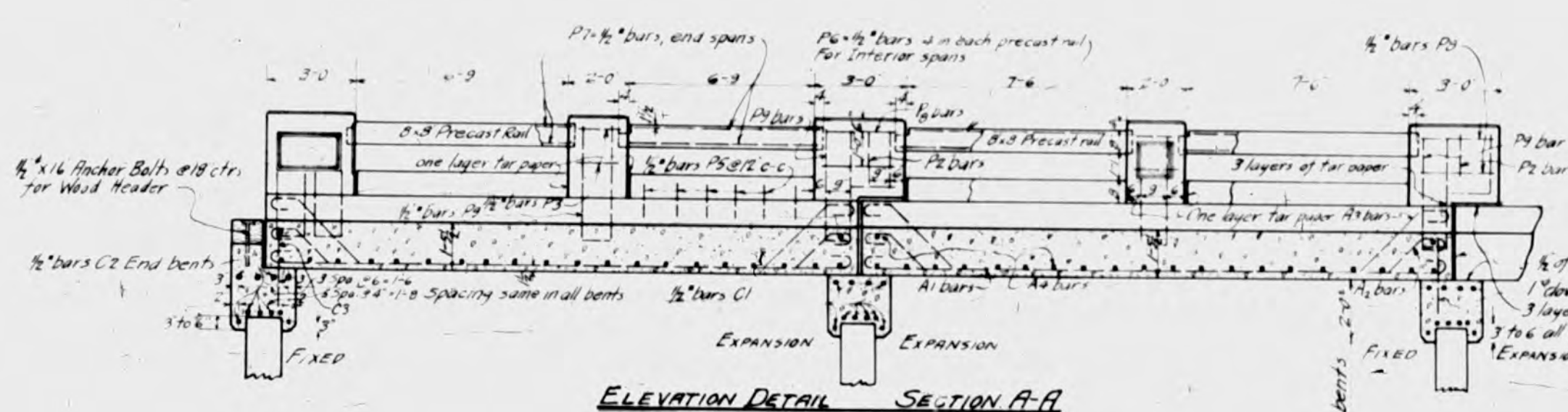


DETAIL OF CONCRETE PILE

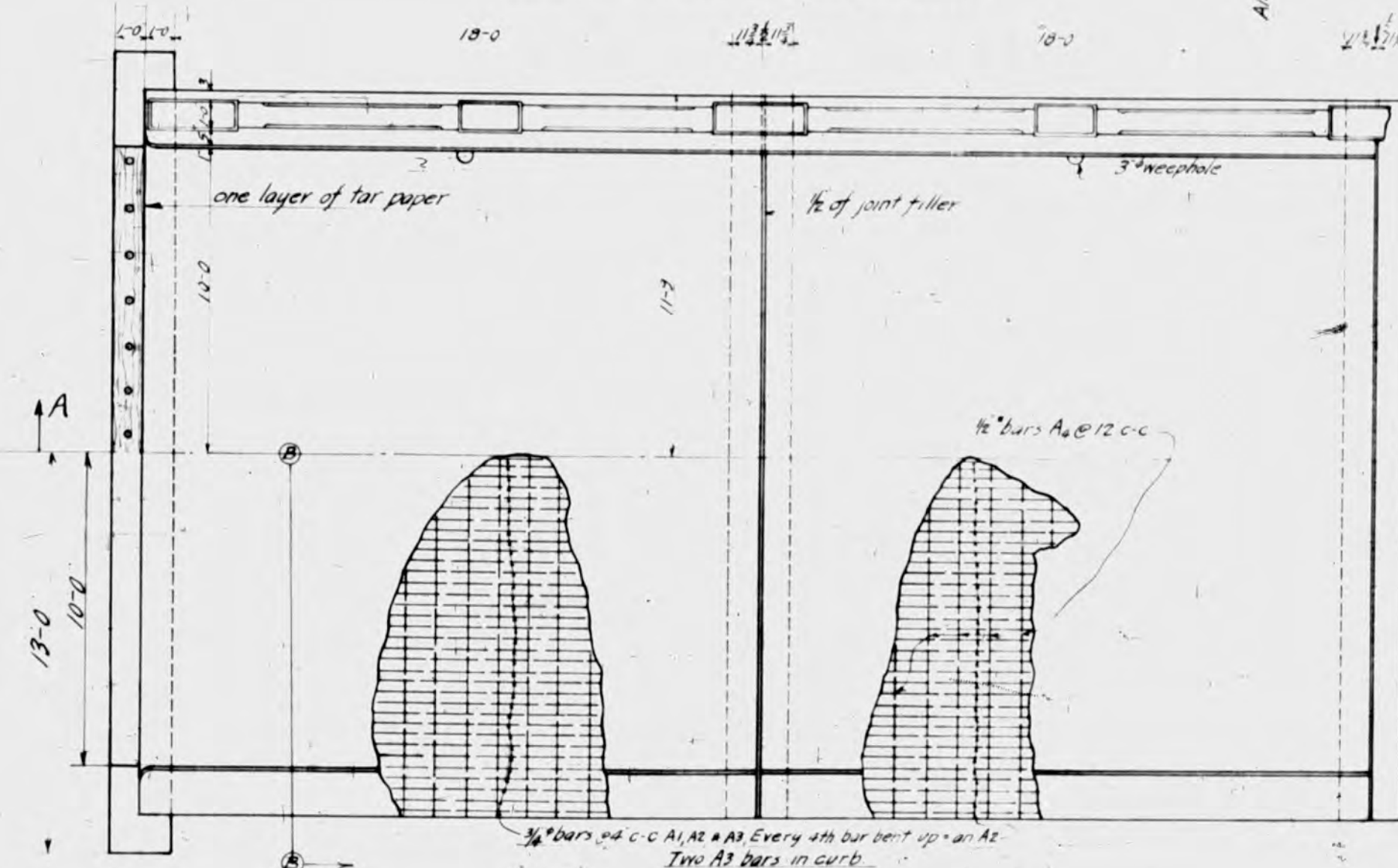
Station	721+83	722+03	722+23	722+43	722+63
Bent Number	1	2	3	4	5
E. of Roadway Elev	5315.01	15.12	15.19	15.12	15.01
Station	1132+10	1132+30	1132+50	1132+70	1132+90
Bent Number	1	2	3	4	5
E. of Roadway Elev	5552.01	52.11	52.11	52.01	



GENERAL PLAN



ELEVATION DETAIL SECTION A-A



DETAIL PLAN FOR TWO SPANS

BAR LIST

Bar	Size	Length	Number of Bars	Weight (lb)
A1	3/4"	2'-0"	156	208
A2	3/4"	2'-0"	42	56
A3	3/4"	2'-0"	12	16
A4	3/4"	2'-0"	64	88
A5	3/4"	2'-0"	20	30
A6	3/4"	2'-0"	20	30
A7	3/4"	2'-0"	72	96
A8	3/4"	2'-0"	20	30
A9	3/4"	2'-0"	4	6
A10	3/4"	2'-0"	12	16
A11	3/4"	2'-0"	14	20
A12	3/4"	2'-0"	74	104
A13	3/4"	2'-0"	16	32
A14	3/4"	2'-0"	32	32

ITEM	QTY	UNIT	WEIGHT (lb)
1. 1/2" x 1/2" x 1/2" bars @ 2.00 lb per ft	192	192	384
2. 1/2" x 1/2" x 1/2" bars @ 1.50 lb per ft	5968	5968	8952
3. 1/2" x 1/2" x 1/2" bars @ 0.850 lb per ft	4187	4187	3558
TOTAL			13420

SUMMARY OF QUANTITIES

ITEM	QTY	UNIT	WEIGHT (lb)
Superstructure (Does not include piling reinforcement)			
Reinf. incl. 1% for overrun	13420	13420	13420
Class A Concrete	136	1039	1404
Substructure			
Conc. Piling (with reinforcement)	400	360	460
Wood Headers 10x12 (Treated) Ft. B.M.	400	400	200
1/2" x 1/2" x 1/2" Bars for Headers	28	28	14

* See Sheet 4 for additional quantities in Substructure at Sta 1321+39
 A Size of Caps increased to get full bearing on top of piles.

GENERAL NOTES

All work to be done in accordance with the Standard Specifications of the Colorado State Highway Department.
 All concrete to be Class A except piling, which is to be Class A modified.
 All exposed surfaces to be rubbed free of form marks.
 Panels in handrail to be bush-hammered.
 All reinforcing bars shall be plain round or plain square as shown.
 All exposed corners, except handrail, to be beveled to a 2" face.
 Spans to be cambered 1" between bents.
 If piling is driven minimum weight of steam hammer shall be 2 Tons.
 Final Leads required: Steam hammer not to be used.
 Design as shown provides for a concrete wearing surface.
 Maximum pile pressure - 22 Tons.
 Piles to be driven to line without jacking or bending.
 Reinforcement in piles permits picking up at 1/8 points only.

LOADING

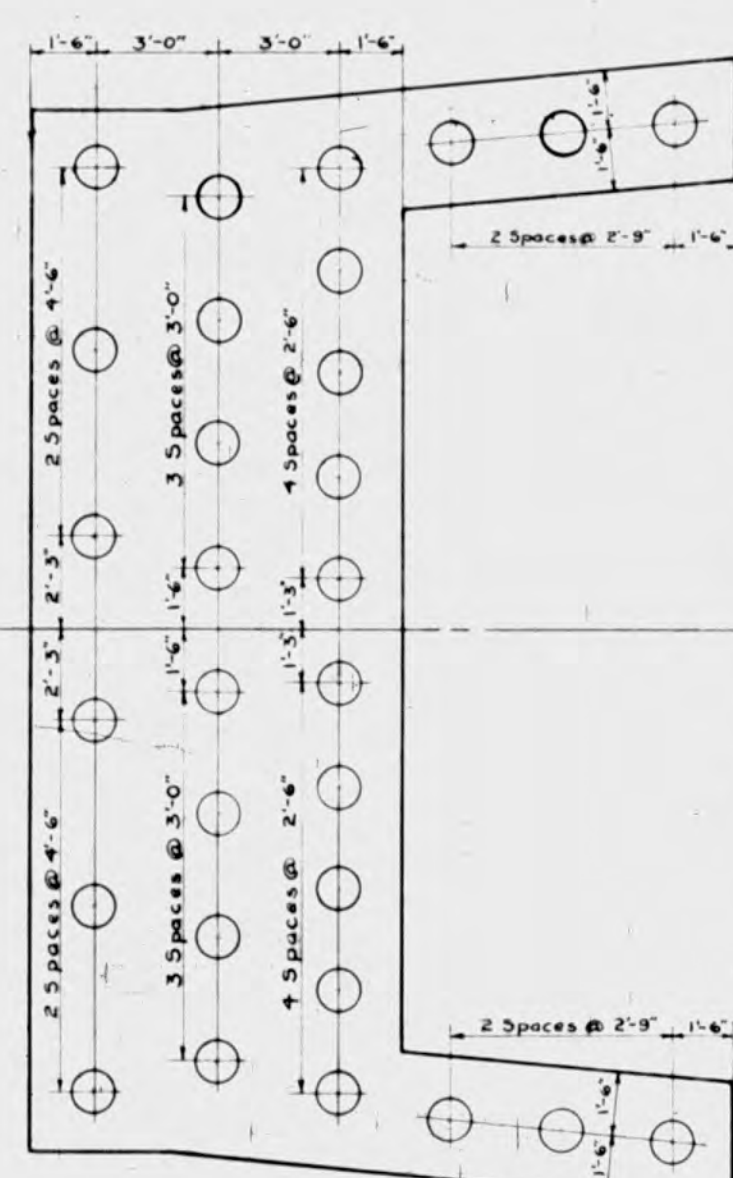
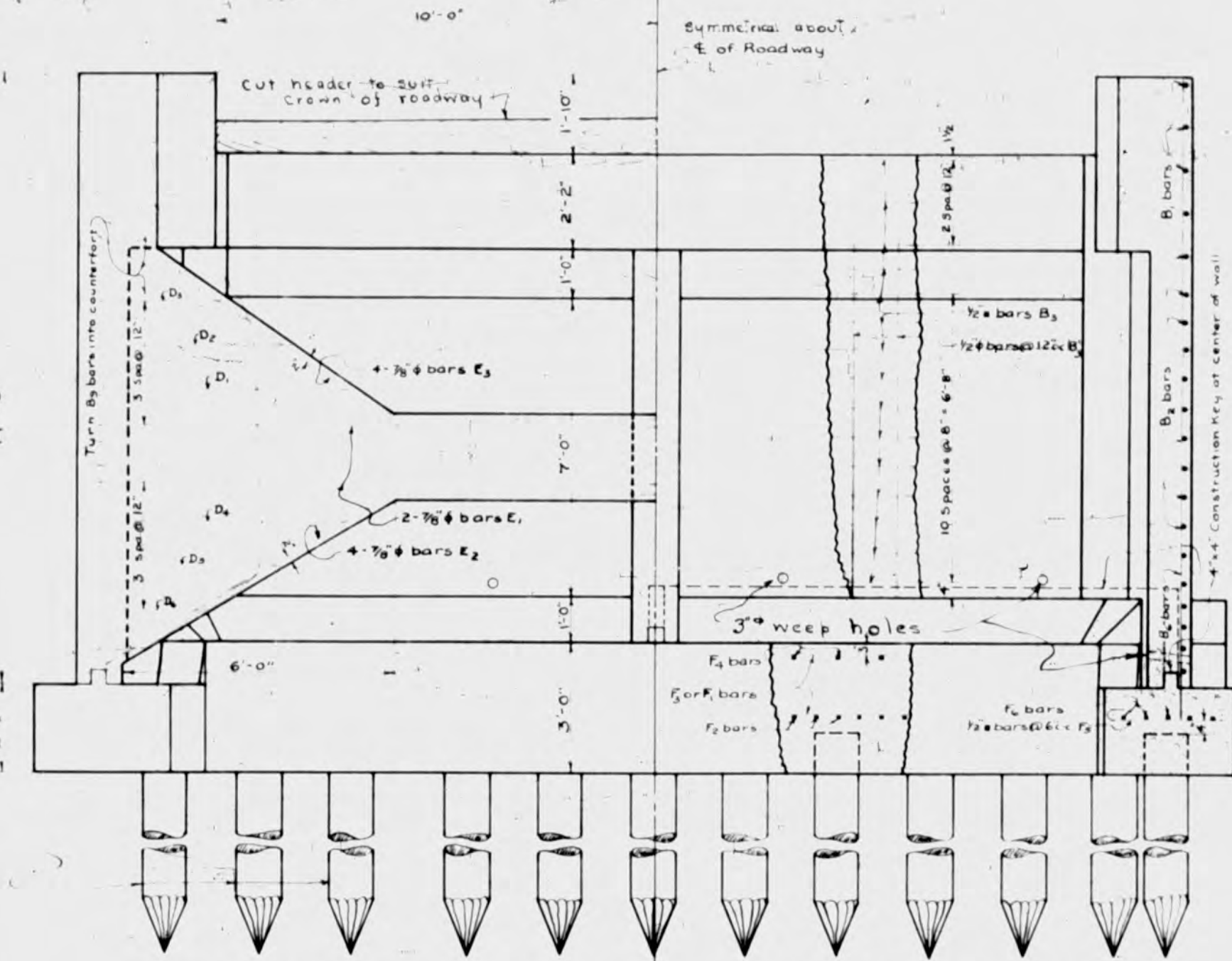
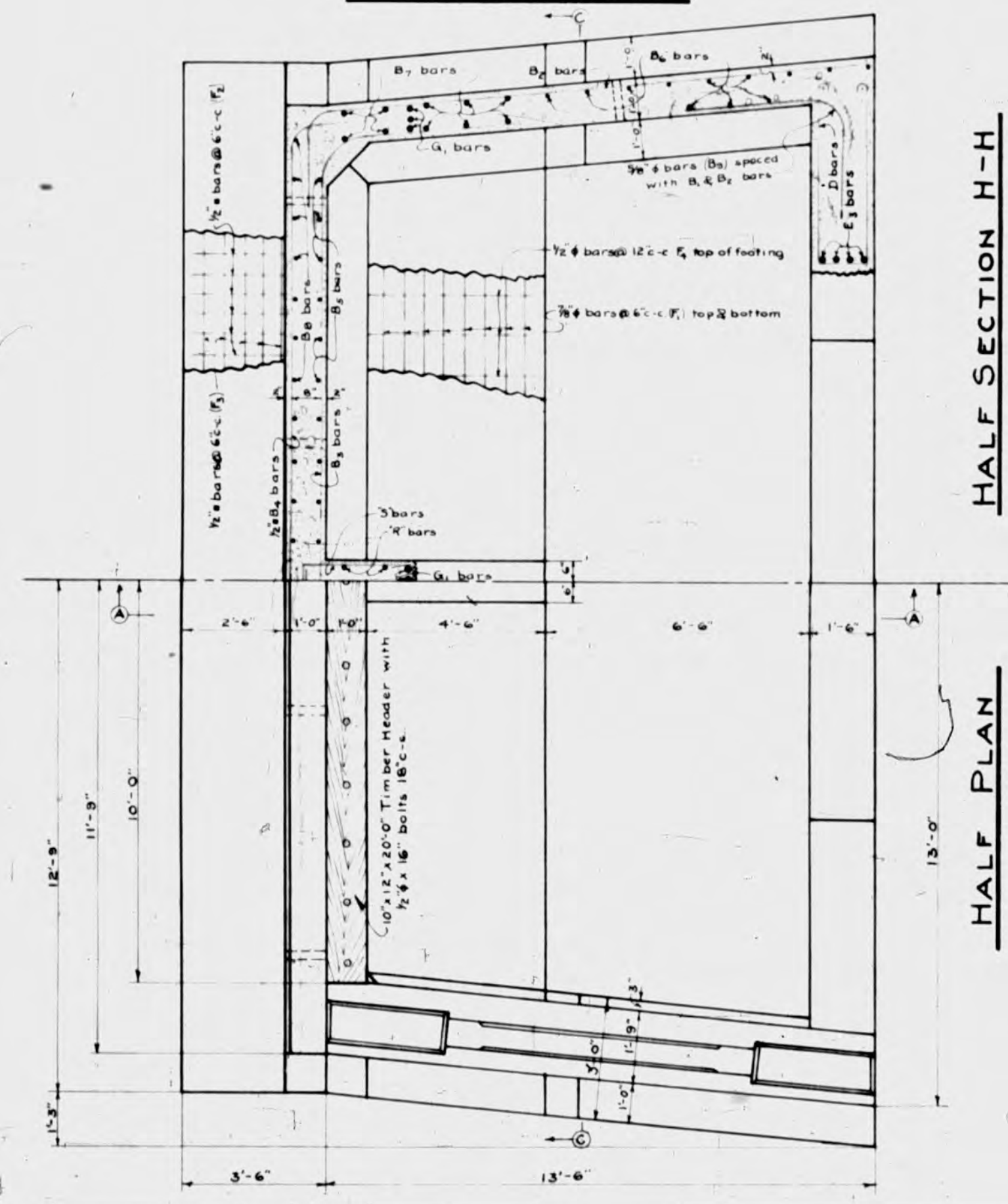
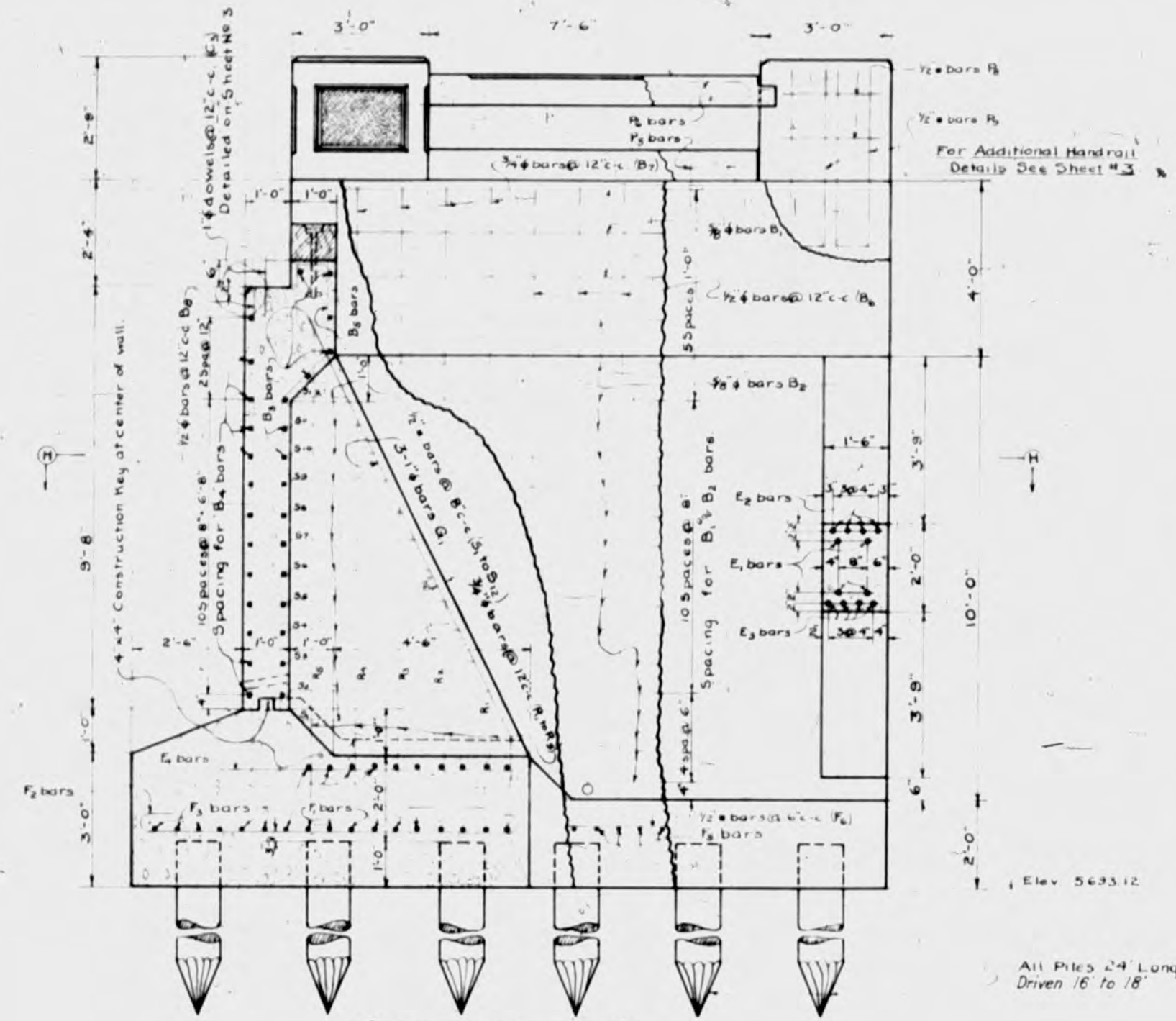
LL.F1-AASHO 1-15

COLORADO
 STATE HIGHWAY DEPARTMENT
 THE HIGHWAY ENGINEER
 1000 North Broadway
 Denver, Colorado 80202
 Design by RSD Approved by L.A.H.
 Made by L.A.H. Bridge Engineer
 Checked by R.W.J. Date 4-22-1925

Sta. 721+83 Structure W.A. 170 Sta. 1132+10 Structure W.A. 170 Sta. 1132+30 Structure W.A. 170 Sta. 1132+50 Structure W.A. 170 Sta. 1132+70 Structure W.A. 170 Sta. 1132+90 Structure W.A. 170

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	286-B	4	

Revised 5-14-23 R.W.J.
Revised Pile Length as Constructed 3-14-39 R.S.S.



GENERAL NOTES

All work to be done in accordance with the Standard Specifications of the Colorado State Highway Department.
All concrete to be Class 'A' mixture.
All exposed surfaces to be rubbed free of form marks.
Pavement in handrail shall be bushhammered.
All walls to have forms on both sides.
All construction joints shall be thoroughly cleaned before fresh concrete is poured.
All reinforcing bars shall be plain round or plain square as shown.
Maximum Pile Pressure = 13 Tons.
For Loading Data, additional Notes, and position of this Abutment see Sheet No. 3.

BAR LIST

BAR	SIZE	NUMBER	LENGTH	BENDING DIAGRAM
G ₁	1" #	2	14'-5"	
B ₁	3/4" #	6	13'-3"	
B ₂	3/4" #	40	6'-3"	
B ₃	3/4" #	34	1'-7"	
B ₄	3/4" #	10	31'-3"	
B ₅	3/4" #	13	28'-0"	
B ₆	3/4" #	21	14'-0"	
B ₇	3/4" #	20	14'-0"	
B ₈	3/4" #	23	11'-0"	
B ₉	3/4" #	2 each	15'-0"	
B ₁₀	3/4" #	2 each	15'-0"	
E ₁	3/4" #	20	27'-0"	
E ₂	3/4" #	4	30'-0"	
E ₃	3/4" #	4	31'-0"	
F ₁	3/4" #	52	9'-6"	
F ₂	3/4" #	32	3'-8"	
F ₃	3/4" #	7	25'-0"	
F ₄	3/4" #	24	7'-0"	
F ₅	3/4" #	10	10'-0"	
D ₁ to D ₅	3/4" #	1 each	10'-0"	
H ₁ to H ₅	3/4" #	2 each	15'-0"	
P ₁	3/4" #	8	8'-0"	
P ₂	3/4" #	8	2'-0"	
P ₃	3/4" #	8	8'-0"	
P ₄	3/4" #	10	1'-0"	
E ₄	3/4" #	1	4'-0"	
R ₁	3/4" #	1	3'-0"	
R ₂	3/4" #	1	3'-0"	
F ₇	3/4" #	1	3'-0"	
G ₂	3/4" #	1	8'-0"	
D ₆	3/4" #	1	3'-0"	
				131 Lin Ft. of 1" bars at 2.67 lbs per ft. = 348 lbs
				311 Lin Ft. of 3/4" bars at 2.04 lbs per ft. = 634 lbs
				366 Lin Ft. of 3/4" bars at 1.92 lbs per ft. = 703 lbs
				933 Lin Ft. of 3/4" bars at 1.04 lbs per ft. = 971 lbs
				2031 Lin Ft. of 3/4" bars at 0.83 lbs per ft. = 1686 lbs
				1217 Lin Ft. of 3/4" bars at 0.66 lbs per ft. = 803 lbs
				+ 3% for overrun = 182 lbs
				TOTAL = 6300 lbs

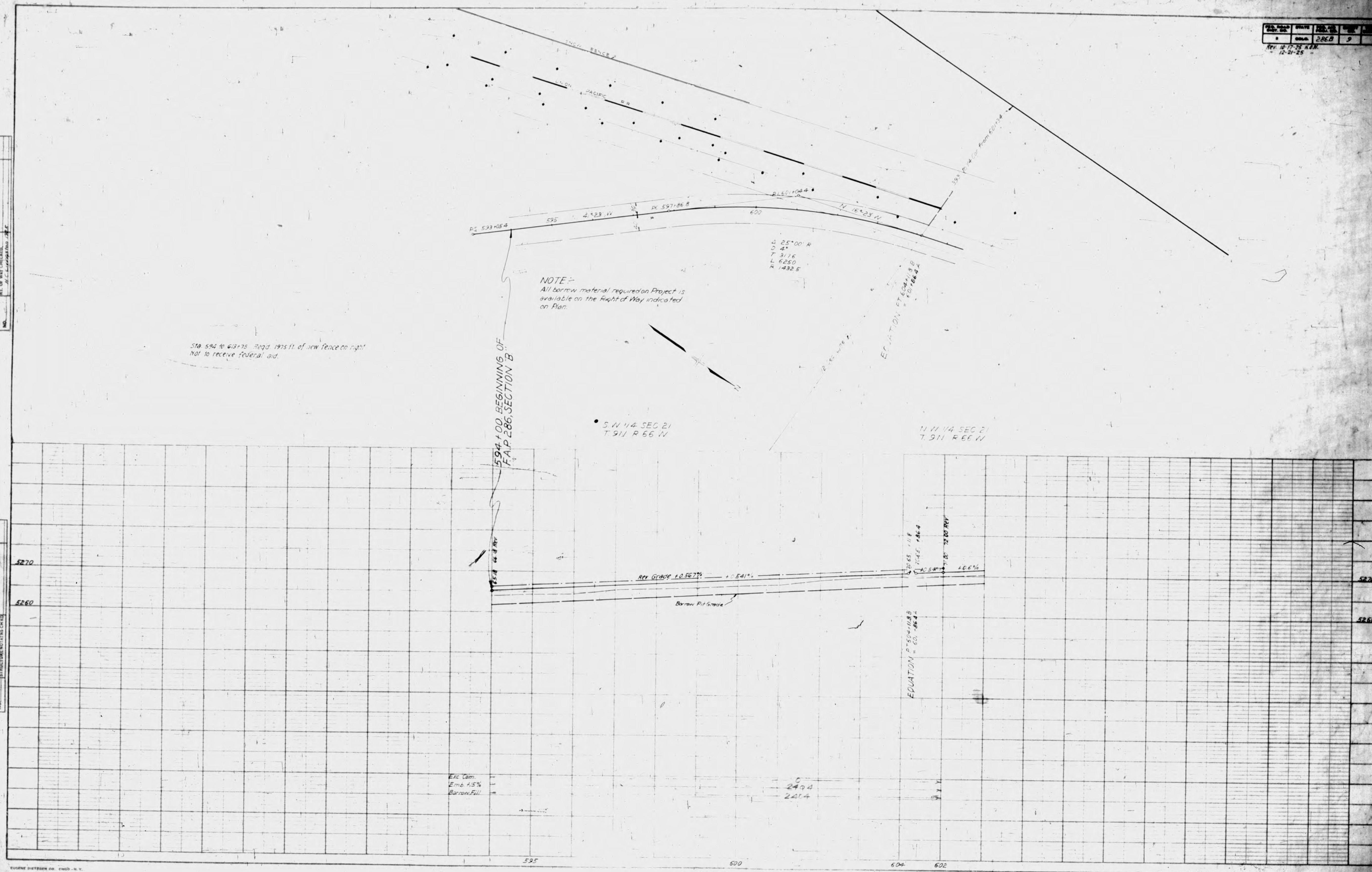
SUMMARY	OF	QUANTITIES
Reinforcing Steel		6300 Lbs
Class 'A' Concrete		68 cu yds
30 Wood Piles at 24 Ft. each		494 Lin Ft.
One 10"x12" Wooden Header 20 Ft. Long		200 Bd. Ft.
13" 1/2" bolts 16" Long		14 Lbs
Dry Excavation, Common		129 cu yds
Wet Excavation, Common		51 cu yds

COLORADO
STATE HIGHWAY DEPARTMENT
DETAILS OF "U" ABUTMENT FOR
CONCRETE PILE TRESTLE
Across Wash.
Sta. 1322+19
Near NUNN Sec. 17 T. 11 N. R. 66 W.
Designed by R.W.J. Approved by J.H.G.
Made by R.W.J. Bridge Engineer
Checked by P.S.B. Date 4-22-1925

Structure No. A-17-D

PLAN	SURVEYED	BY	DATE
	ALIGNED CHECKED RT. OF WAY CHECKED		
NOTE BOOK			
NO.			

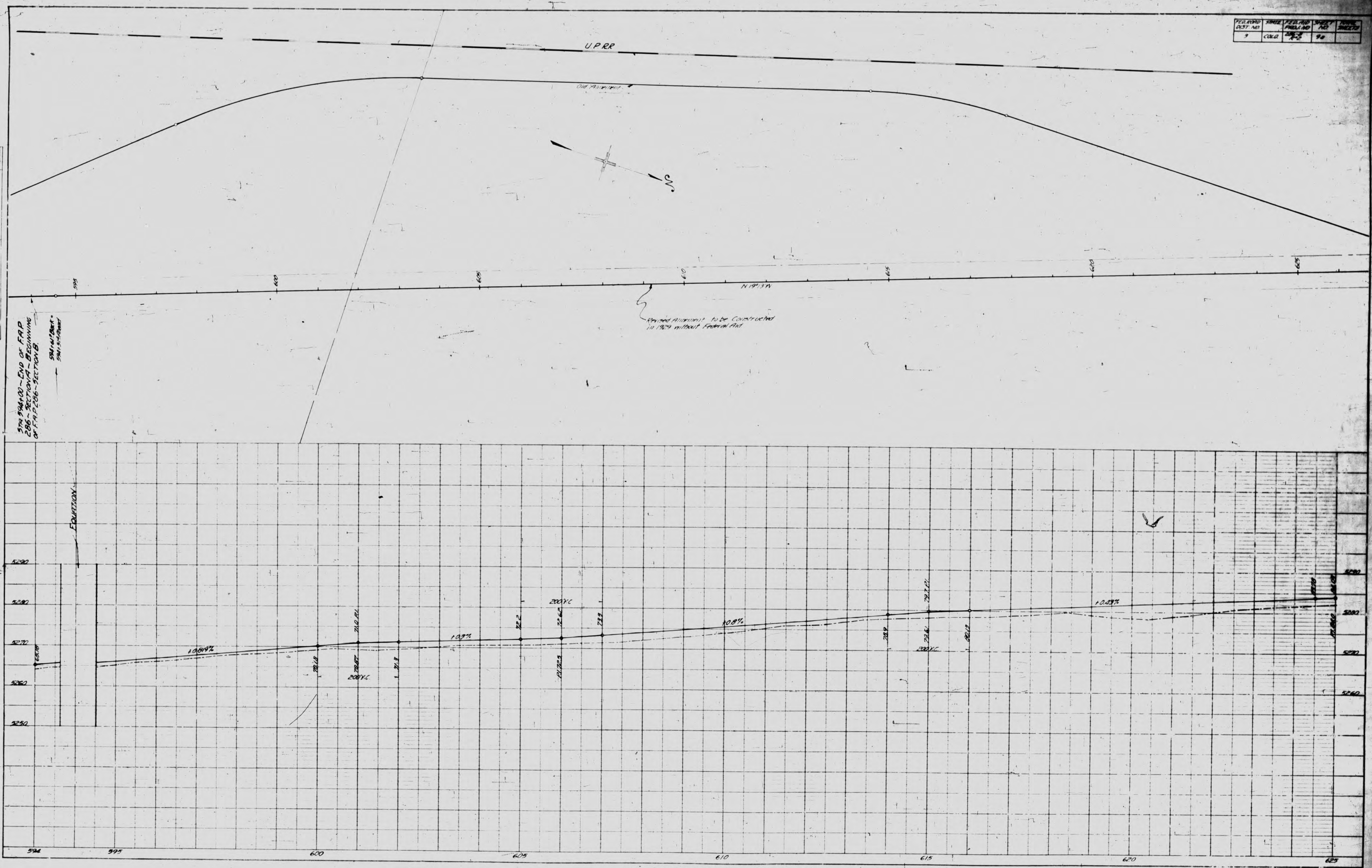
PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED		
B. M.S NOTED		
STRUCTURE NOTATIONS CHECKED		



PLAN	DATE
NOTE BOOK	NO.
STRUCTURE NO.	NO.

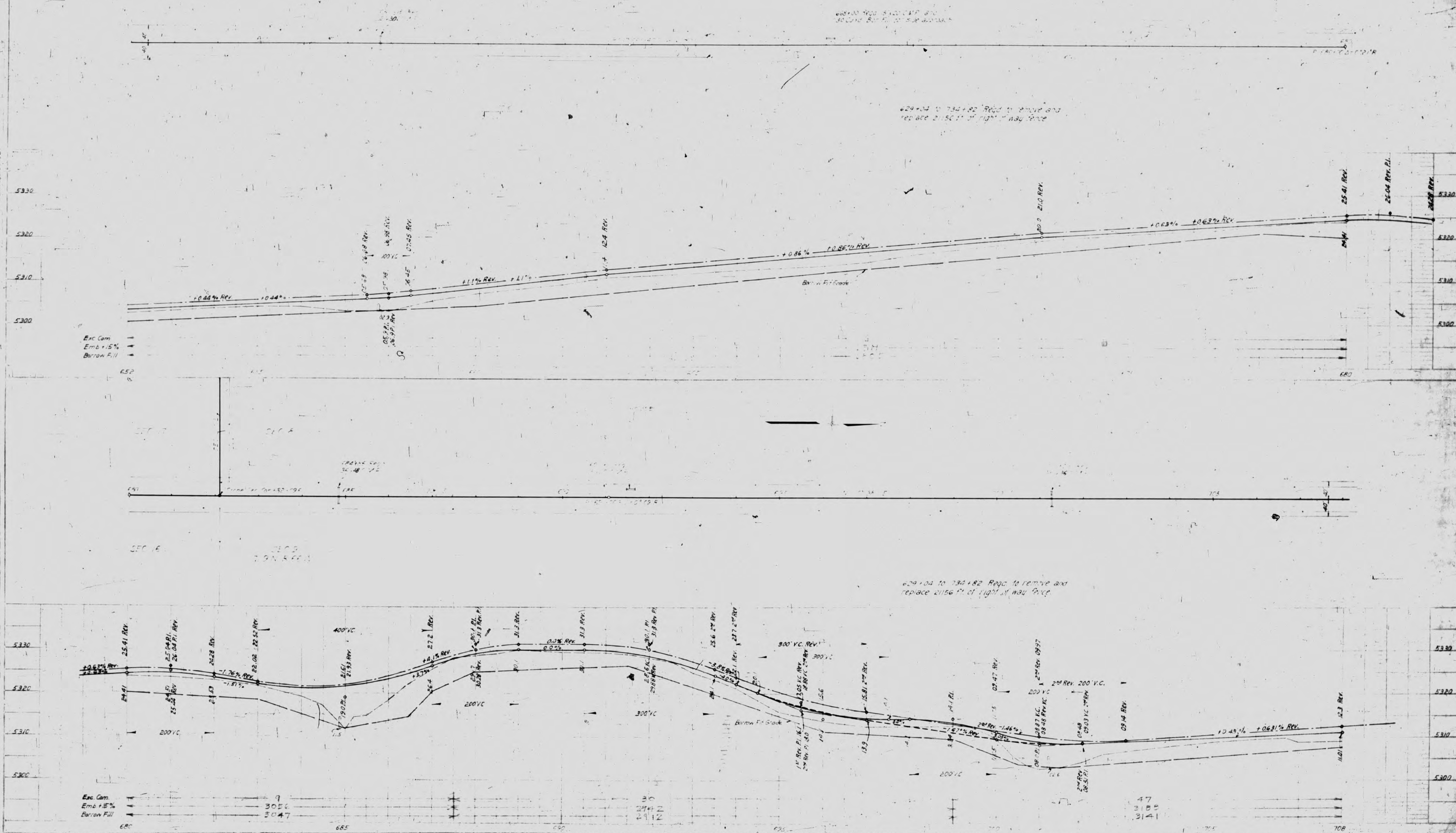
PROFILE	DATE
NOTE BOOK	NO.
STRUCTURE NO.	NO.

FIG. NO.	SHEET NO.	DATE	BY	CHECKED
3	10	1929	W. J. H.	W. J. H.



[illegible]

EC Hamilton 1924



REV.	DATE	BY	CHKD.	APP'D.
1	10-15-25	W.B.	W.B.	
2	12-21-25	W.B.	W.B.	

Rev. 6-30-25 100 ft.
12-21-25
SEC. 5



765 to 780 Reqd. 650 Cu Yd Bar. and 6500 Sta has Overhaul to finish loose rock fill

785+35 to 788+37 Reqd. to remove and replace 1084 Ft. of right of way fence

789+00 to 801+56 Reqd. to remove and replace 5256 Ft. of right of way fence

SEC 32
T. 10N R. 66W

SEC 33
T. 10N R. 66W

788+00 Reqd. 1500 Cu Yd Bar. for side ditches

Rev. 6-30-25 N.D.W.
12-21-25

Exc. Com.
Emb. +1.5%
Borrow Fill

5390
5380
5370
5360
5350

765 768 770 775 780 785 790

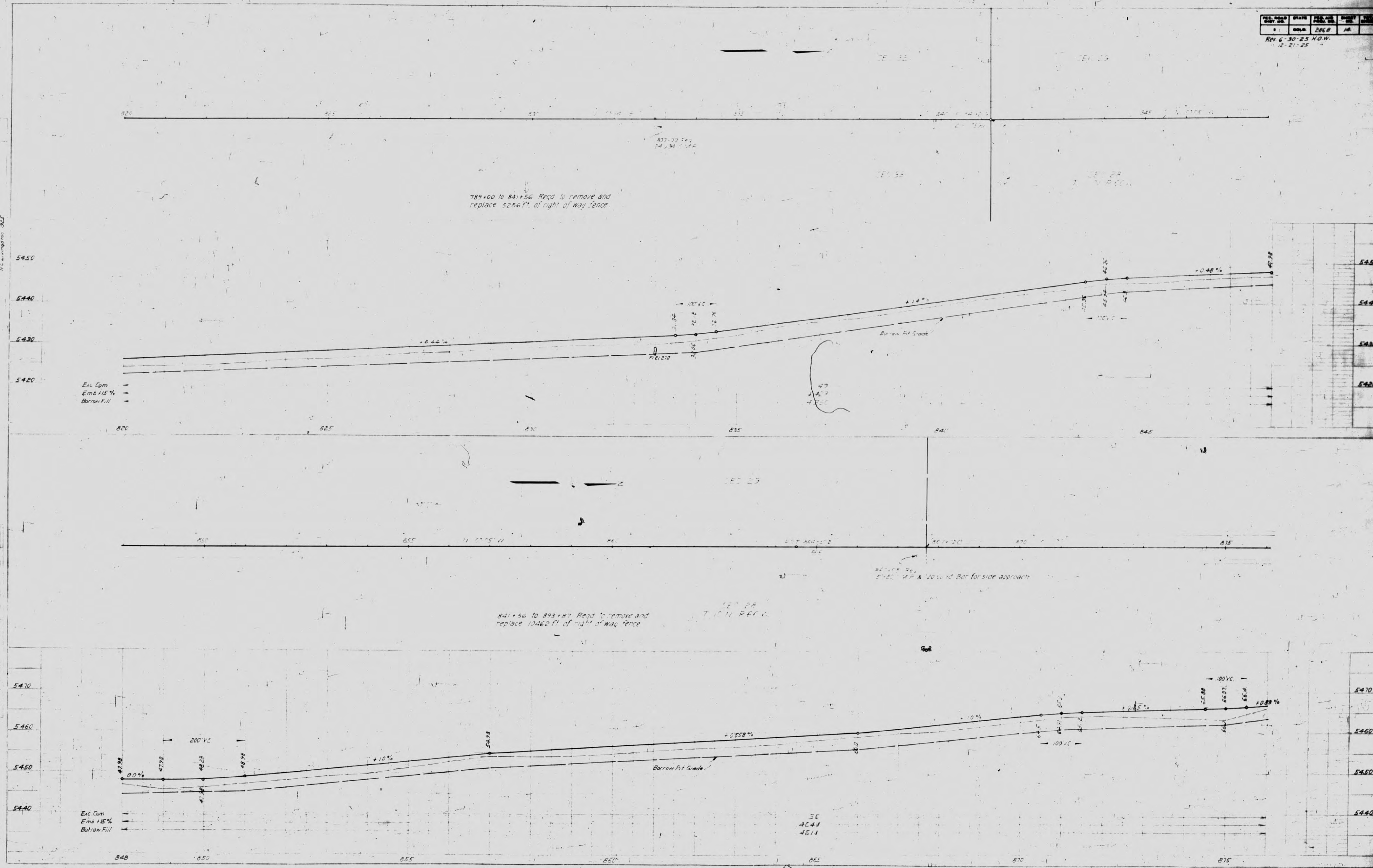
SEC 32
T. 10N R. 66W

789 792 795 800 805 810 815 820

5420
5410
5400
5390

Exc. Com.
Emb. +1.5%
Borrow Fill

792 795 800 805 810 815 820

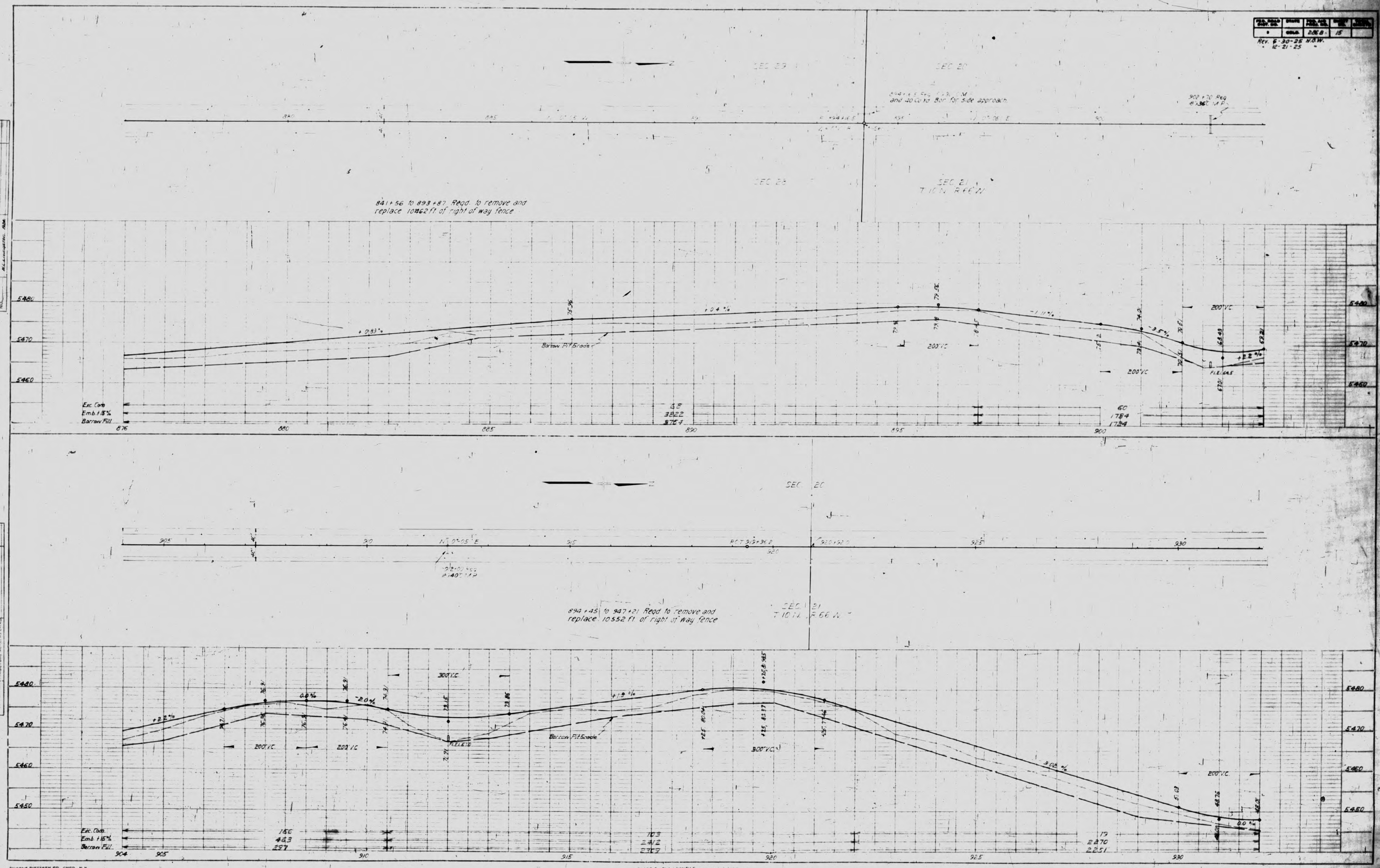


REV.	DATE	BY	CHKD.	APP.
1	08-08	2-25	15	

Rev. 8-30-25 N.O.W.
8-21-25

PLAN	DATE	BY	CHKD.	APP.
NOTE BOOK				

PROFILE	DATE	BY	CHKD.	APP.
NOTE BOOK				

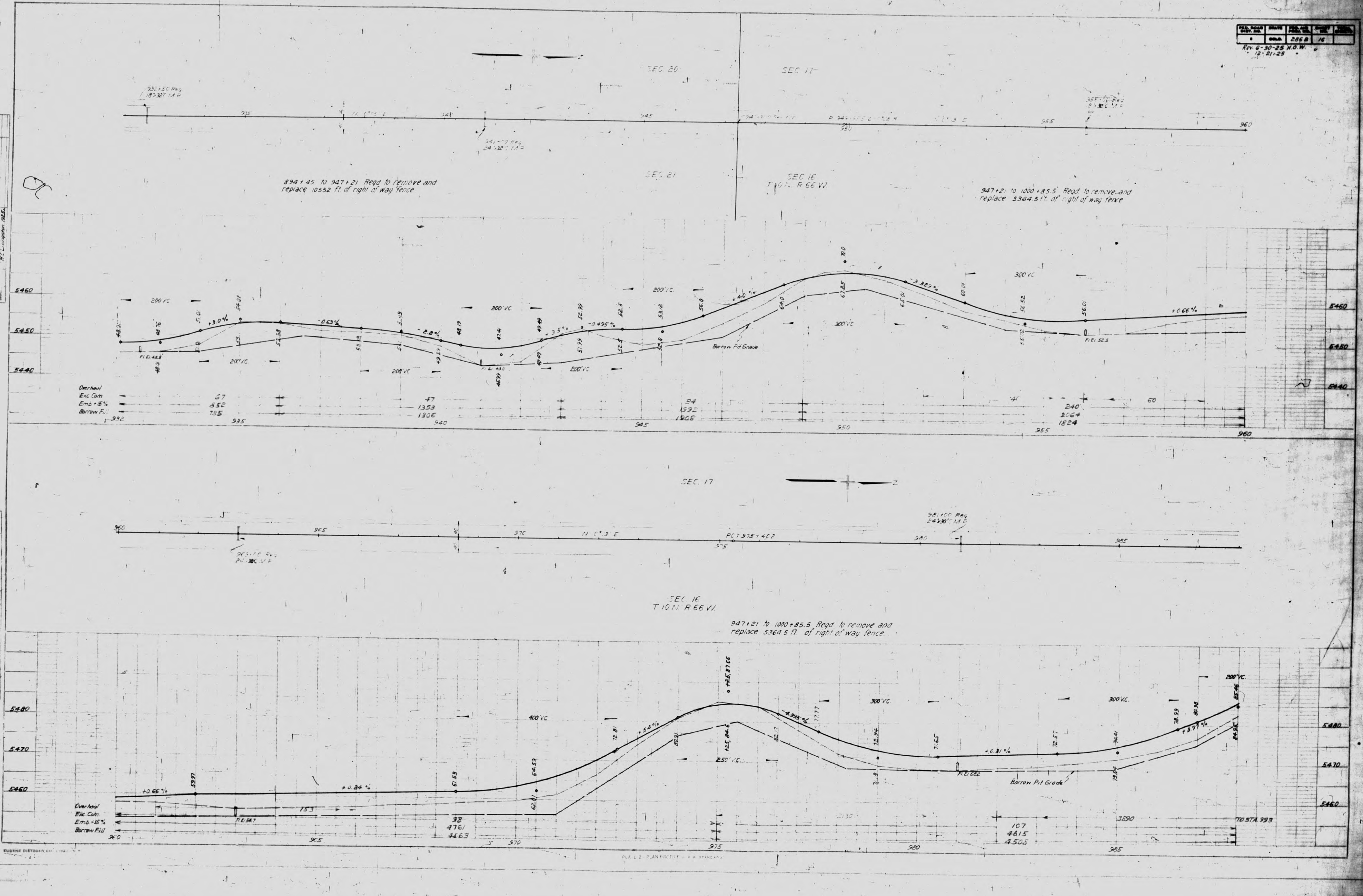


EUGENE DIETZGEN CO. CHGO. N.Y.

PLATE 2. PLAN & PROFILE. N. 10 N. 66 W.

DATE 12-21-25
BY W. C. B.
CHECKED W. C. B.
DATE 12-21-25

DATE 12-21-25
BY W. C. B.
CHECKED W. C. B.
DATE 12-21-25



REV.	DATE	BY	CHKD.	REASON
1	6-20-35	W.B.		NO. 17
2	10-17-35			
3	12-21-35			

PLAN	REVISION	DATE
1	6-20-35	W.B.
2	10-17-35	
3	12-21-35	



PROFILE	REVISION	DATE
1	6-20-35	W.B.
2	10-17-35	
3	12-21-35	

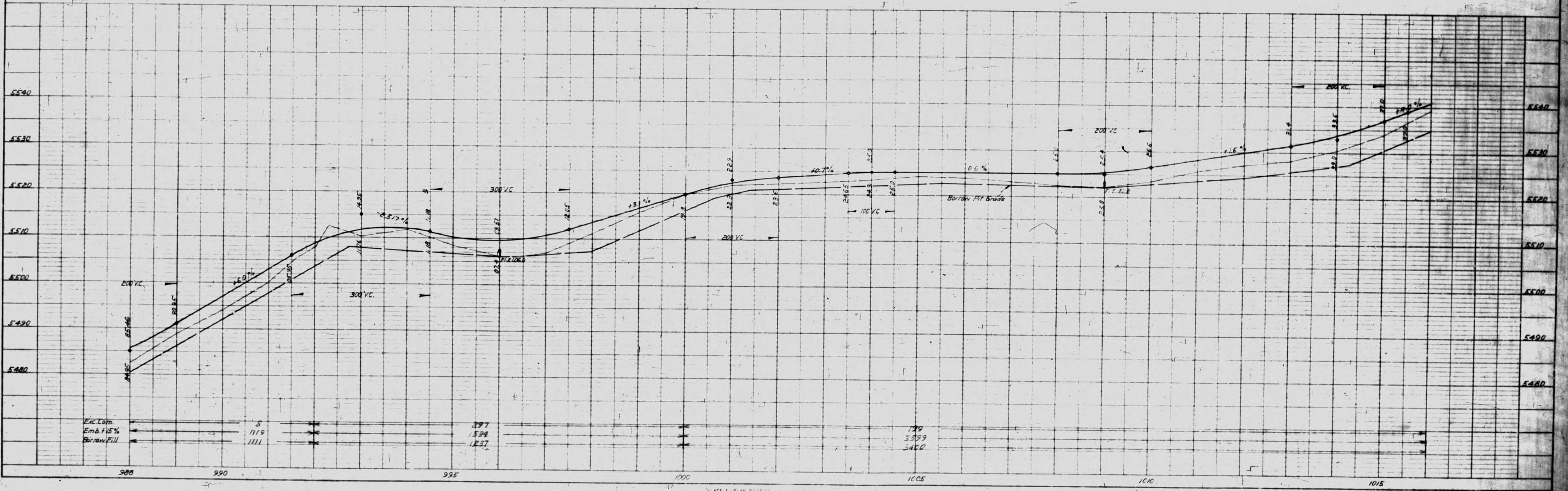


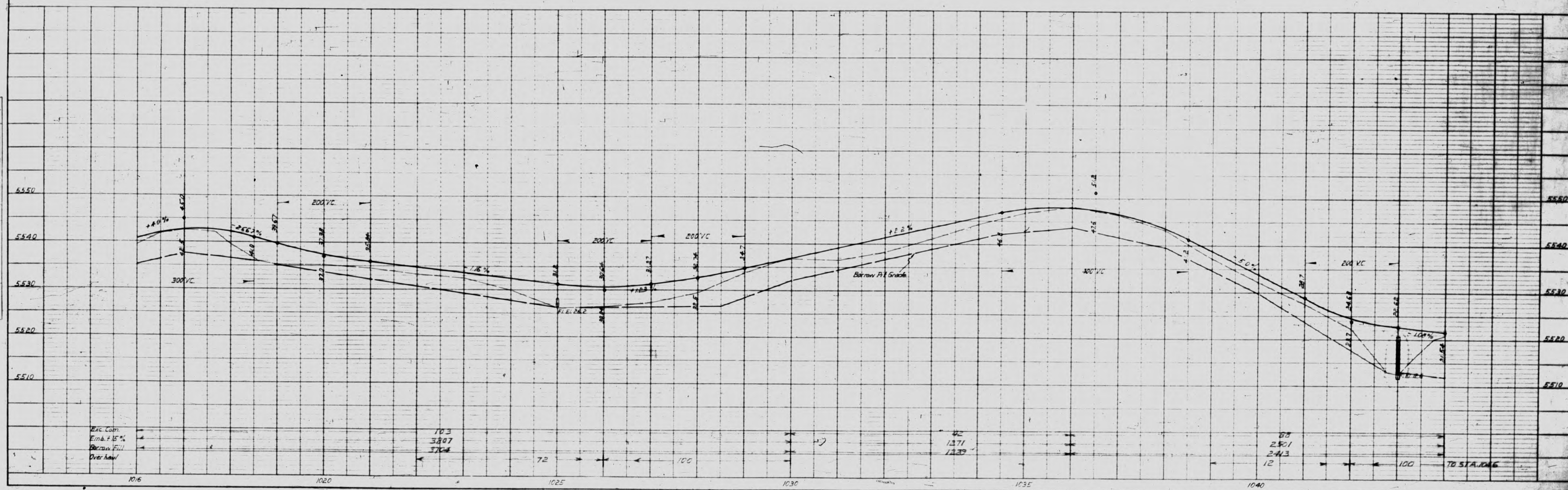
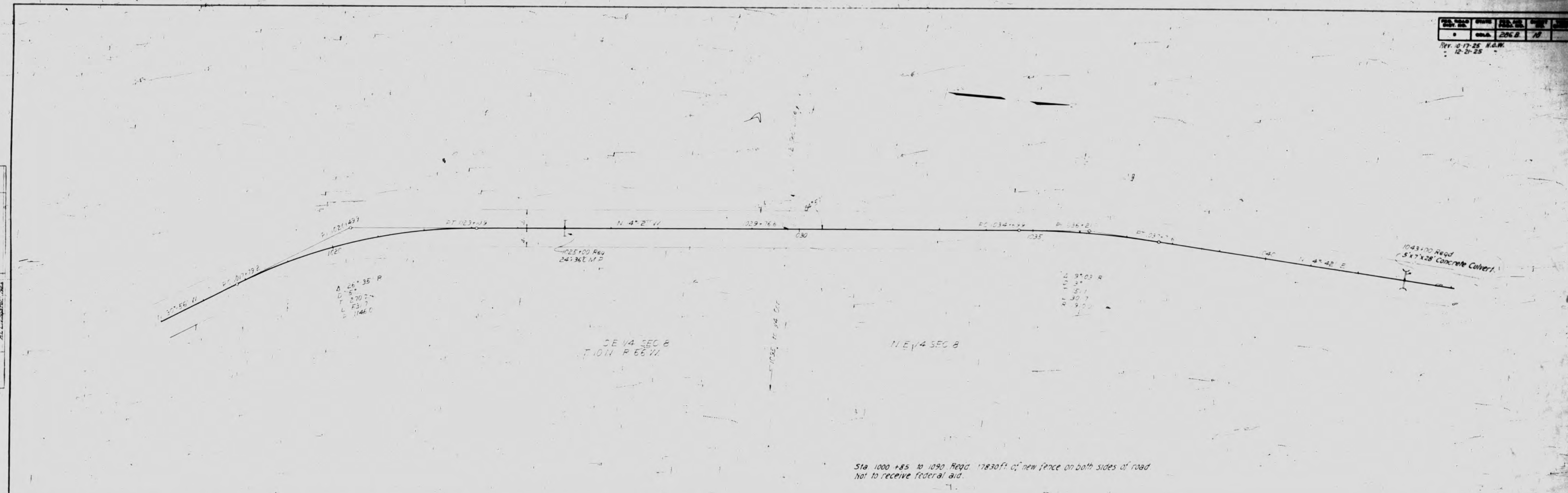
PLATE 1 - PLAN PROFILE V.C. & R.E. STANDARD
REVISED & REDESIGNED, NEW YORK

DATE	BY	CHKD	DATE
7/24	E.C. Anderson		

Rev. 8-17-25 H.G.M.
12-2-25

PLAN
SURVEYED
NOTE BOOK
NO.

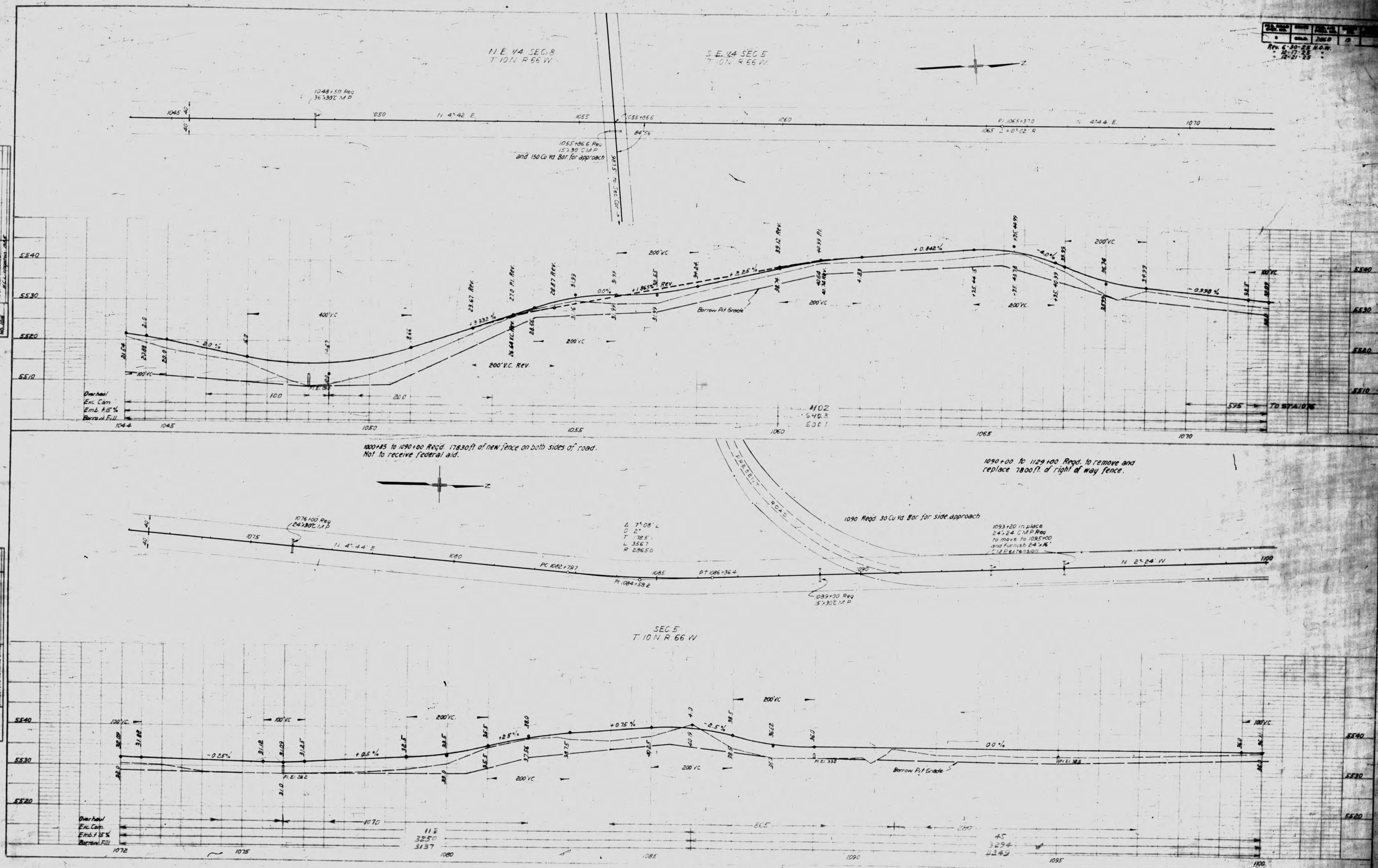
PROFILE
SURVEYED
NOTE BOOK
NO.



Rev. 6-30-22 N.O.W.
12-17-23
12-27-23

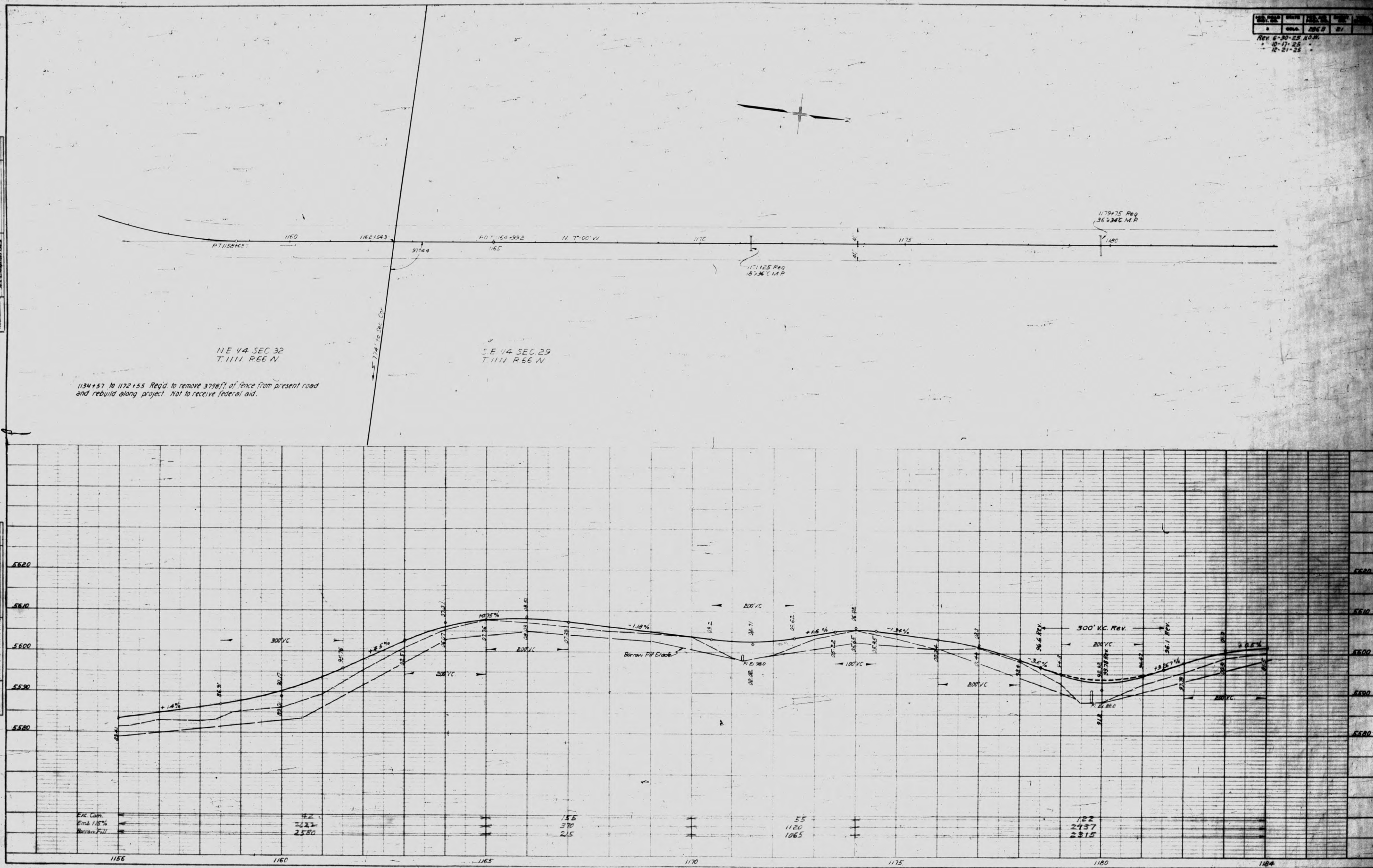
PLAN	DATE	BY
SUPPLEMENTED	12-27-23	E.C. CARROLL
NOTES		
NOTE BOOK		
NO. 100		

PROFILE	DATE	BY
SUPPLEMENTED	12-27-23	E.C. CARROLL
NOTES		
NOTE BOOK		
NO. 100		



PLAN	SURVEYED	BY E. C. Hambleton	DATE 1964
NOTE BOOK	PLOTTED ALIGNMENT CHECKED INT. OF WAY CHECKED		
NO.	N.C. Corporation 1965		

PROFILE		BY	DATE
SURVIVED			
PLOTTED			
GRADE CHECKED			
B. M. NOTED			
STRUCTURE NOTING CHAS.			
NOTE BOOK			
NO.			



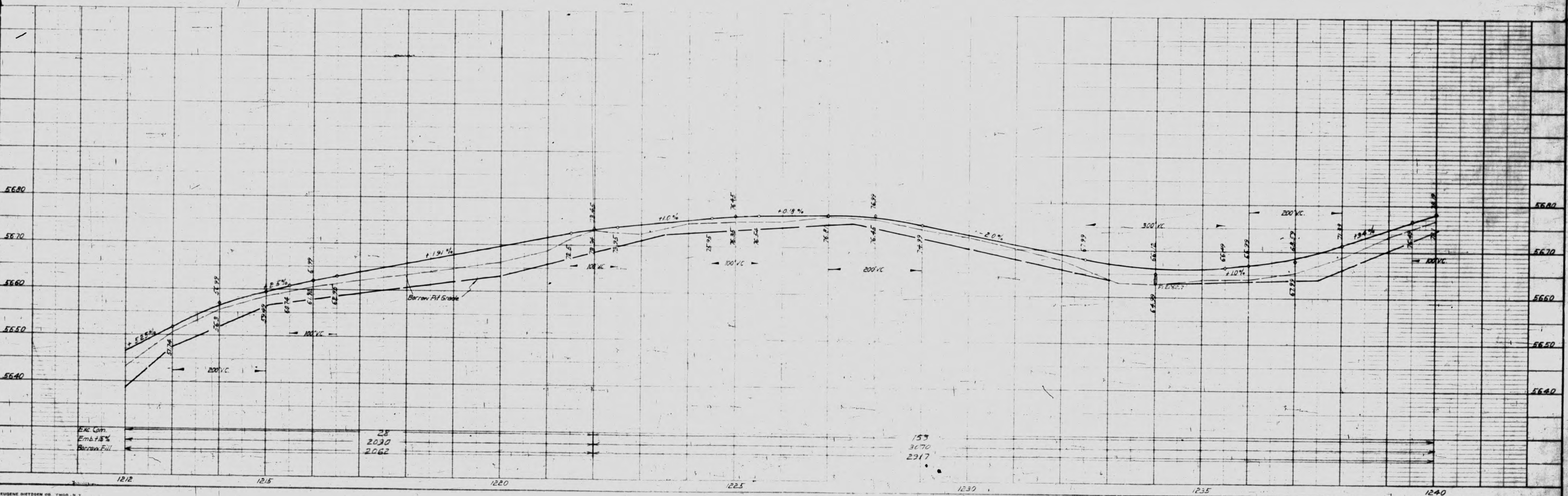
PLAN	DATE	BY
SURVEYED	10/10/00	
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

N.E. 1/4 SEC. 29
T. 111 N. R. 66 W.

N.E. 1/4 SEC. 20
T. 111 N. R. 66 W.



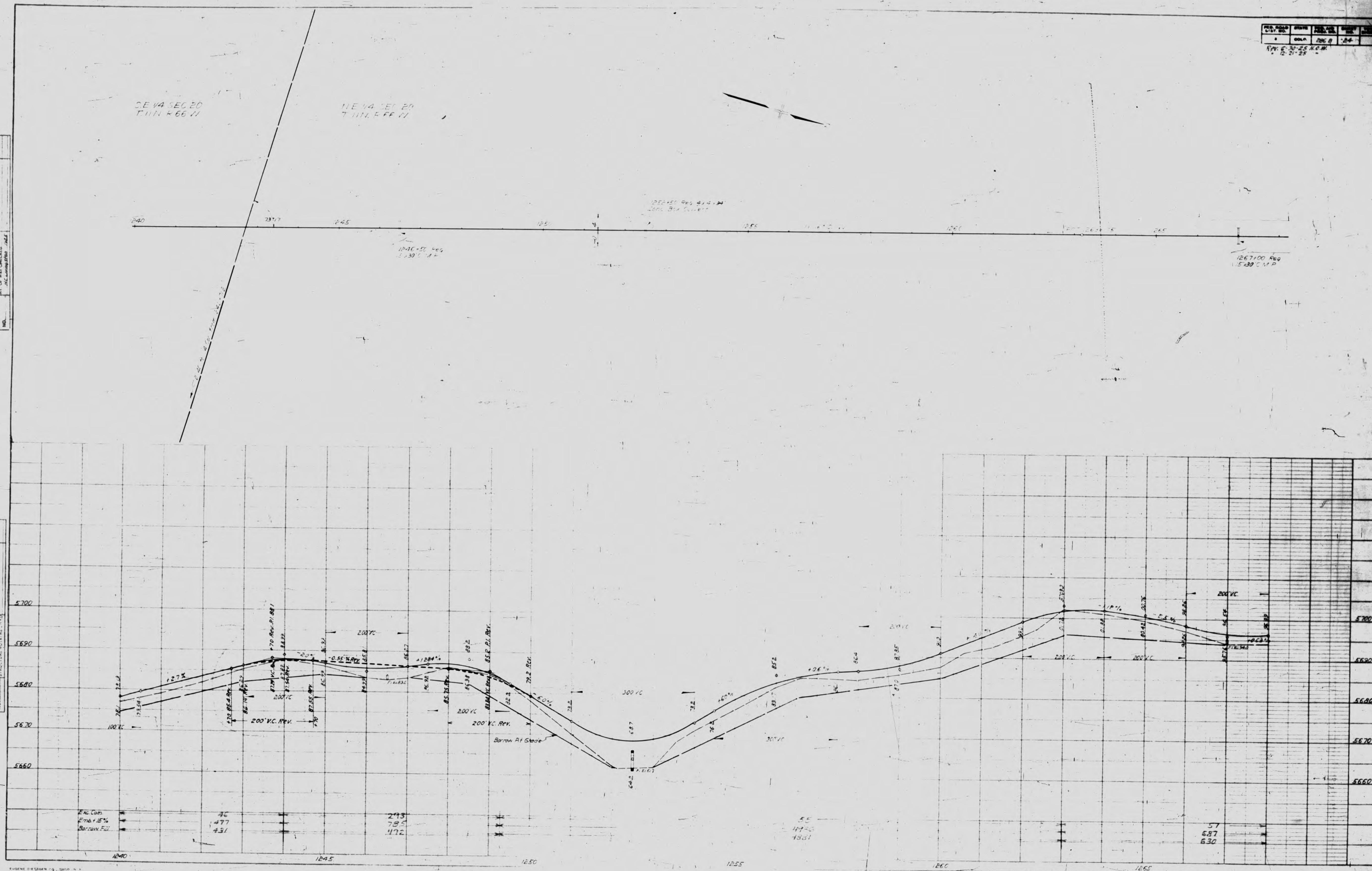
PROFILE	DATE	BY
SURVEYED	10/10/00	
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		



DATE	BY	CHKD	APP'D	DATE
12-21-25				

DATE	BY	CHKD	APP'D	DATE
12-21-25				

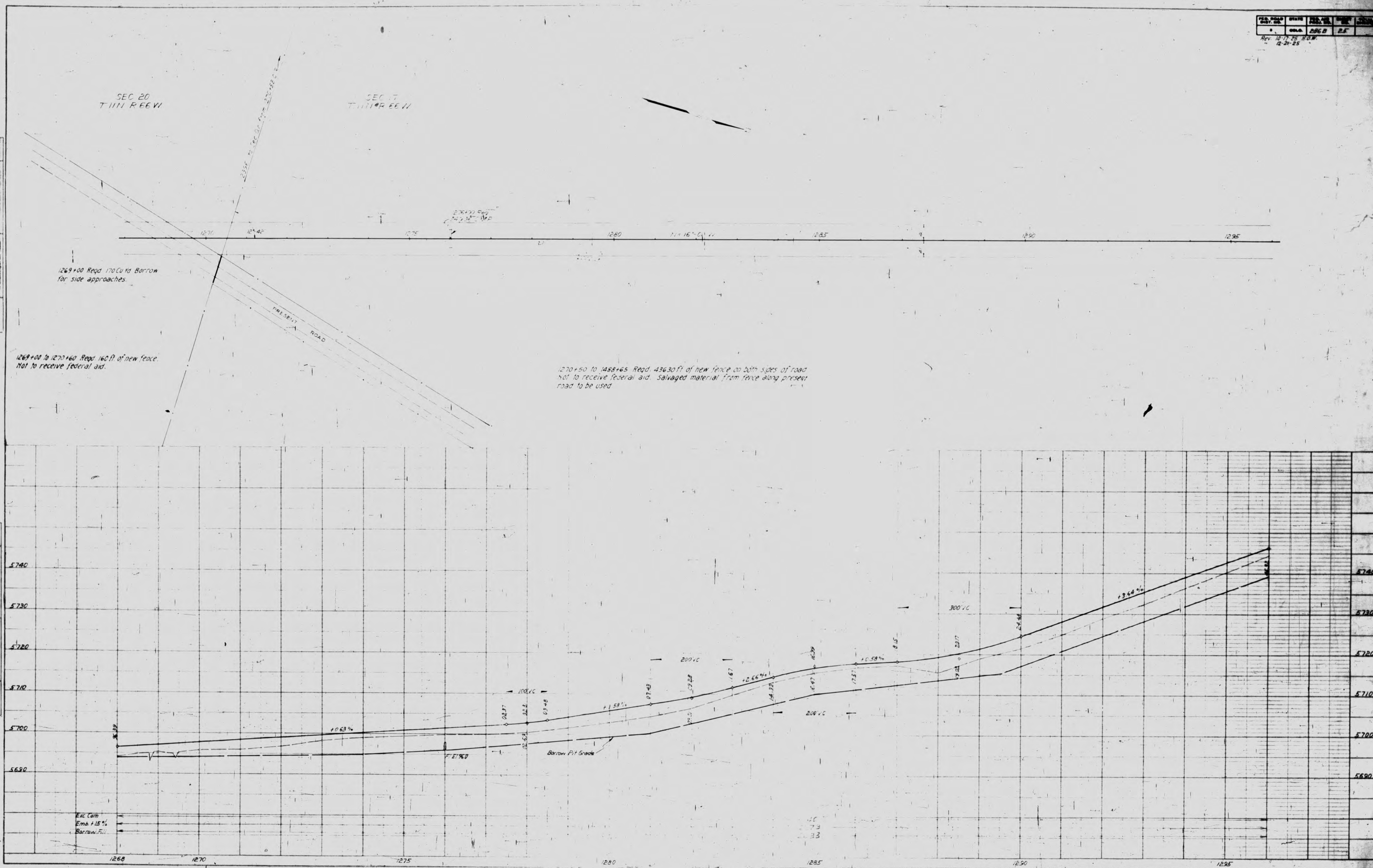
DATE	BY	CHKD	APP'D	DATE
12-21-25				



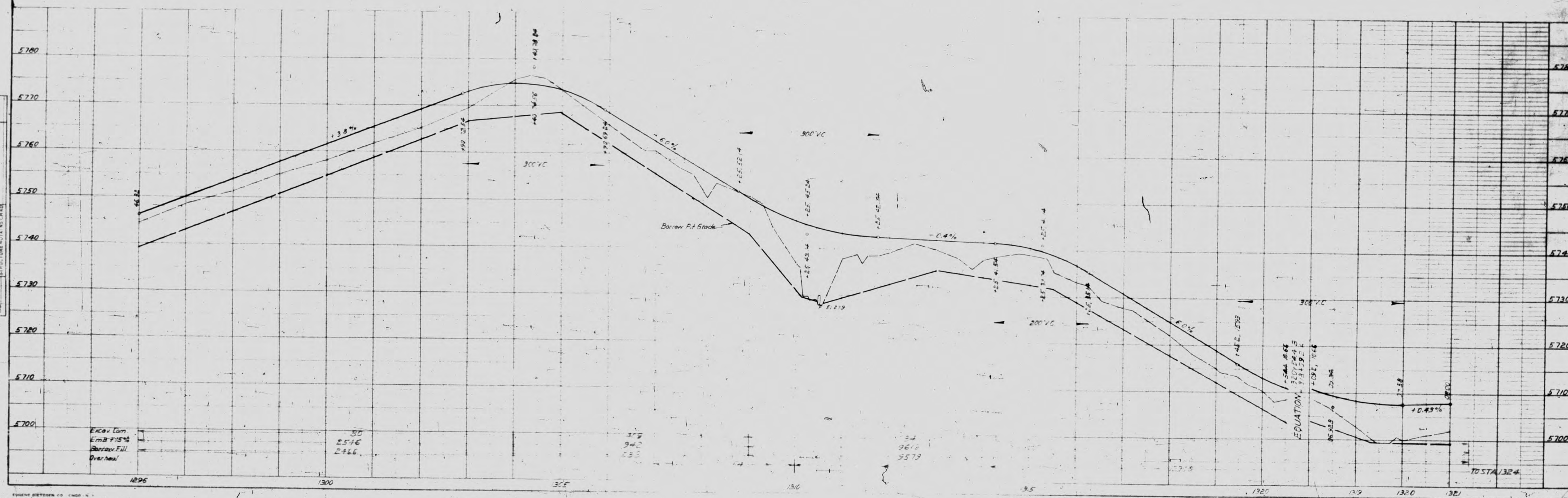
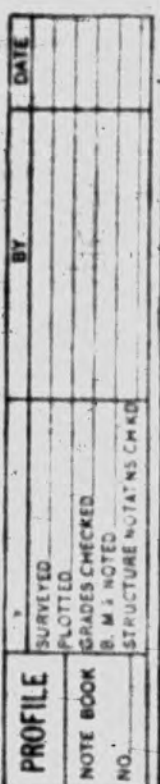
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLA	286 B	25	

Rev. 10-17-25 H.O.W.
 " 12-21-25 "

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B. M.'S NOTED		
STRUCTURE NOTATIONS CHECKED		
NO.		



PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	E. C. HARRISON	1924
NO.	ALIGNMENT CHECKED BY OF WAY CHECKED H. C. HARRISON 1925		



PLAN
NOTE BOOK NO.

PROFILE
NOTE BOOK NO.

SEC 17
T. 111 N. R. 66 W.

SEC 8
T. 111 N. R. 66 W.



NOTES FOR TWO STRUCTURES STA 1321+39 AND 1326+04

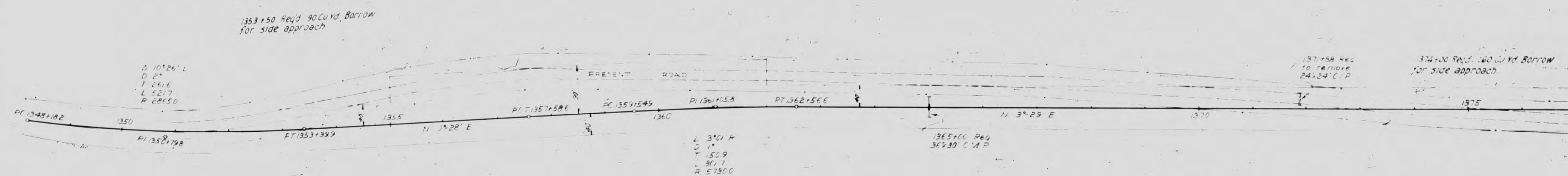
	1321+39	1326+04
PRESENT STRUCTURE	None	None
PROPOSED STRUCTURE	Span 40' 20" x 80'	Span 40' 20" x 80'
Clear Roadway	20'	20'
Clear Waterway	480"	750"
Type of Superstructure	Reinf. Conc. Slab	Reinf. Conc. Slab
Type of Substructure	Reinf. Conc. Piling & Reinforced Concrete	Reinf. Conc. Piling
DETOUR STRUCTURE	Approximate Measurements None	None
AVAILABLE RESIDUIS	Name CARR, COLD	CARR, COLD
How to Bridge Site	Cri.	6 mi.
NEARBY STRUCTURES ON SAME STREAM		
Location		
Waterway		
Records during Floods		
STREAM DATA		
Drainage Area in Sq. Mi.		
Velocity During High Water		
Elevation of:		
Extreme low water	Dry	Dry
Max. High Water		56970
Stream Bed	\$6390	
Debris Carried During Floods	None	None
Probable depth of Scour during Floods	Slight	Slight



FILE NO.	DATE	REV.	BY	CHKD.
1	10-21-25	2068	28	

Rev. 10-21-25

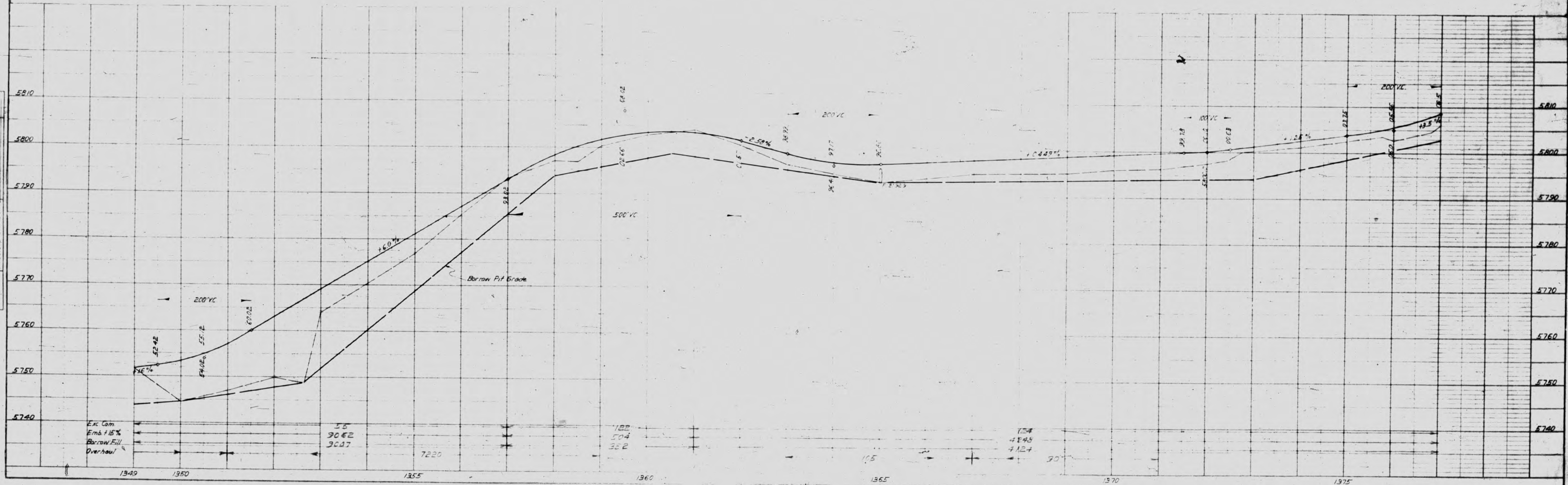
PLAN	DATE	BY
1	10-21-25	2068



SEC. 8 T. 111 N. R. 66 E.

1368+00 to 1380+00 Req'd 1200 ft. of fence
1270+50 to 1488+65 Req'd 43630 ft. of new fence on both sides of road.
Not to receive federal aid. Salvaged material from fence along present road to be used.

PROFILE	DATE	BY
1	10-21-25	2068

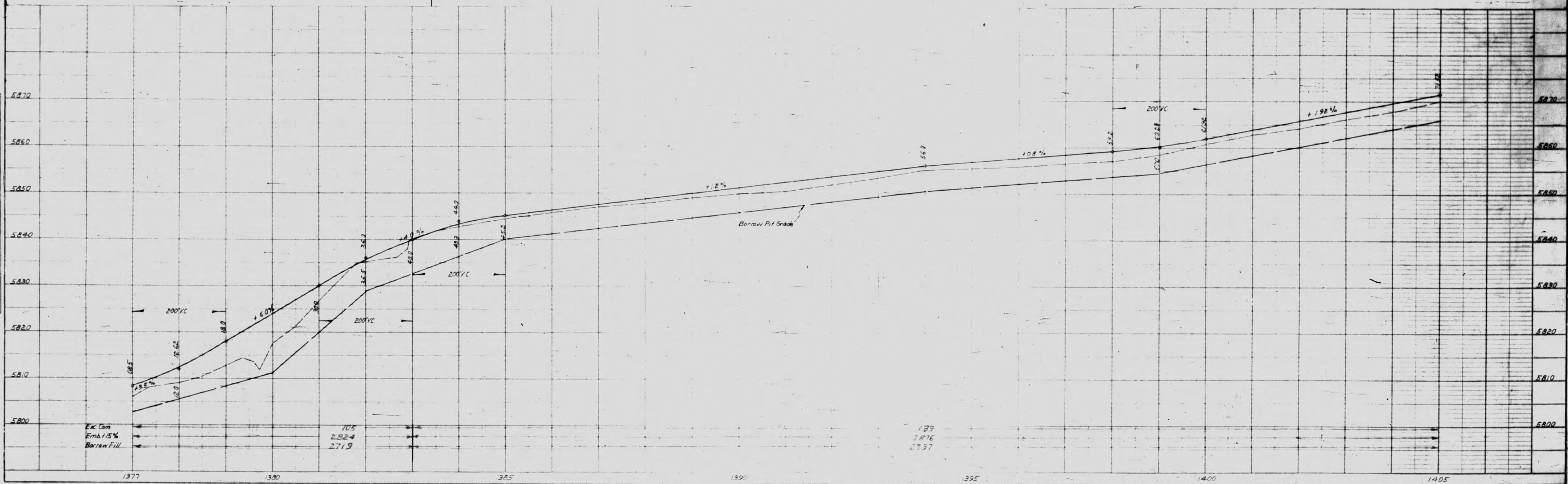
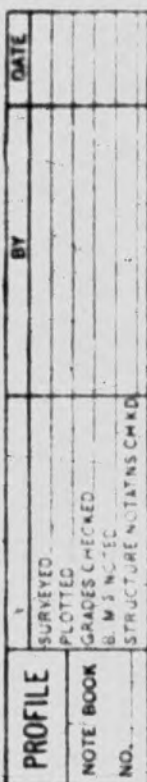


PLAN			DATE
NOTE BOOK		BY E. C. <i>revised 1960</i>	<i>1960</i>
NO.	SURVEYED PLOTTED ALIGNMENT CHECKED RT OF WAY CHECKED <i>26 C. 10/10/60 1965</i>		

SEC 8
T. L. N. P 66 V.

SEC 5
T 4 1 1 R 66 11

1270+50 to 1488+65 Req'd 43630 ft of new fence on both sides of road
not to receive federal aid. Salvaged material from fence along present road
to be used.



PROJ. NO.	STATE	FILE NO.	SHEET NO.	TOTAL SHEETS
10-17-25	IND.	2068	30	100

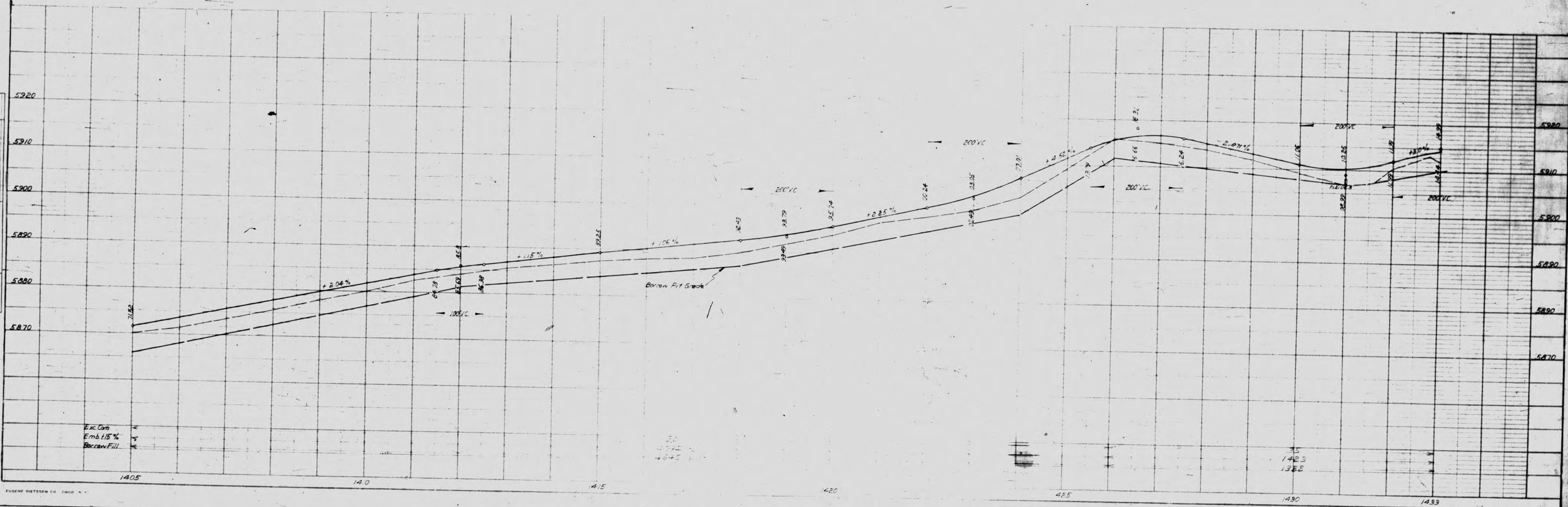
REV. 10-17-25 H.O.R.
12-21-25

PLAN	DATE
NOTED	12-21-25
PLOTTED	
ALIGNED	
NOTE BOOK	
NO.	



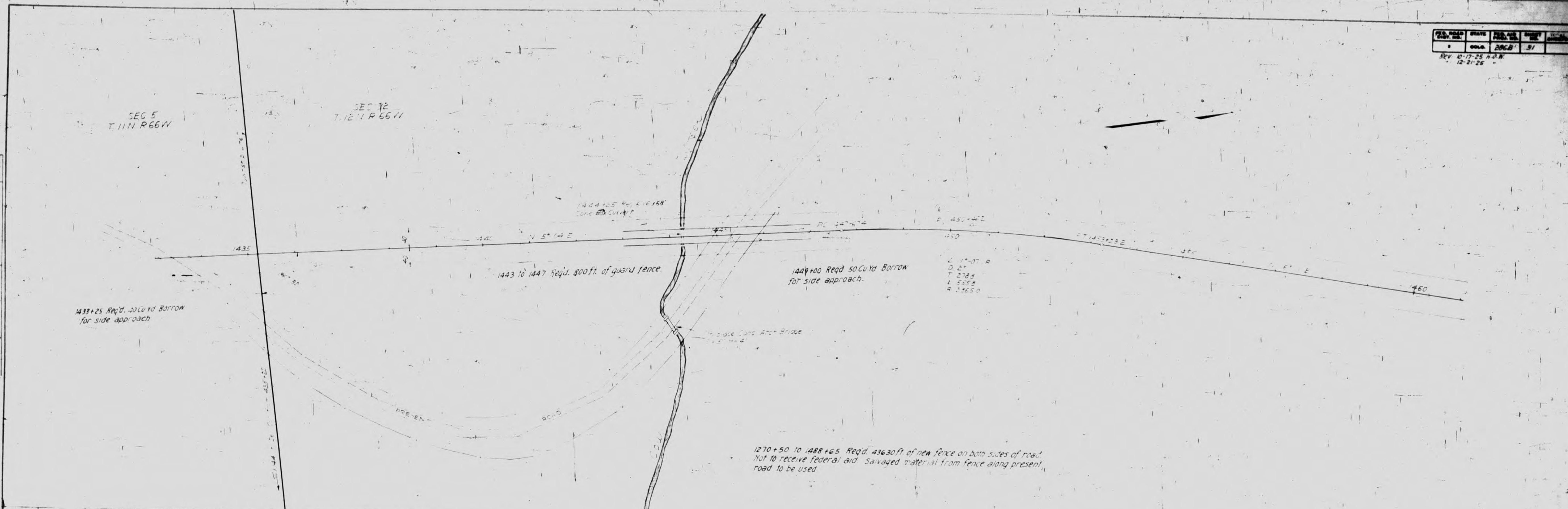
1270+50 to 1488+65 Road 43630 ft of new fence on both sides of road. Not to receive federal aid. Salvaged material from fence along present road to be used.

PROFILE	DATE
NOTED	12-21-25
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTING CHECKED	
NOTE BOOK	
NO.	

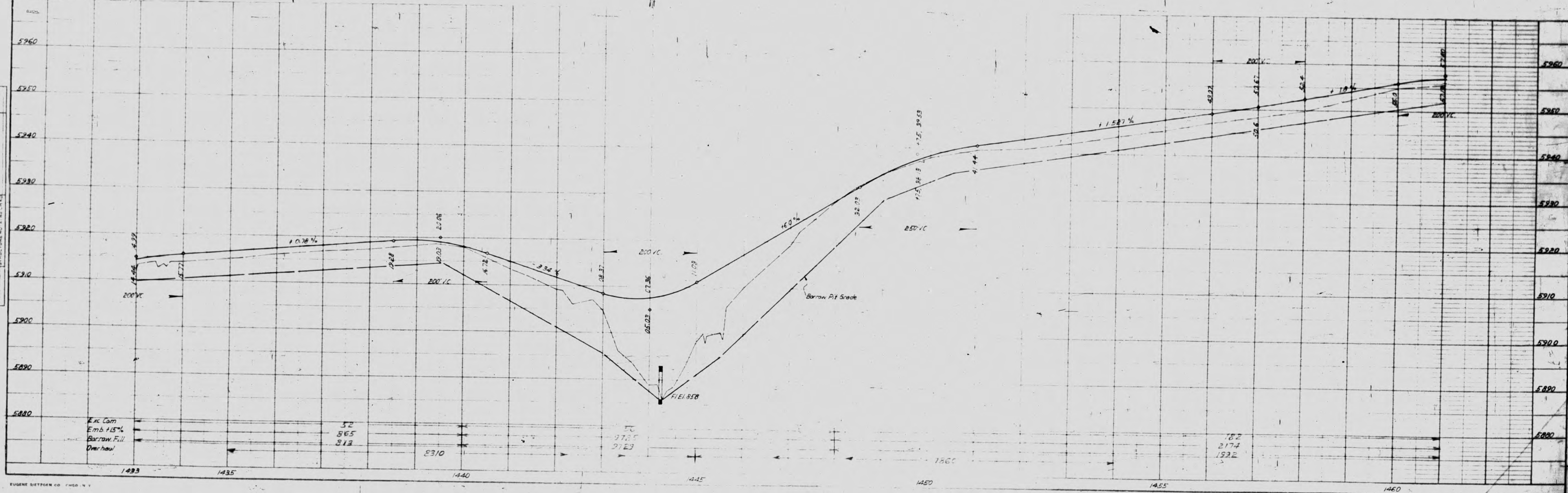


EUGENE BRETHER CO. CHGO. ILL.

DATE	BY
PLAN	NOTE BOOK



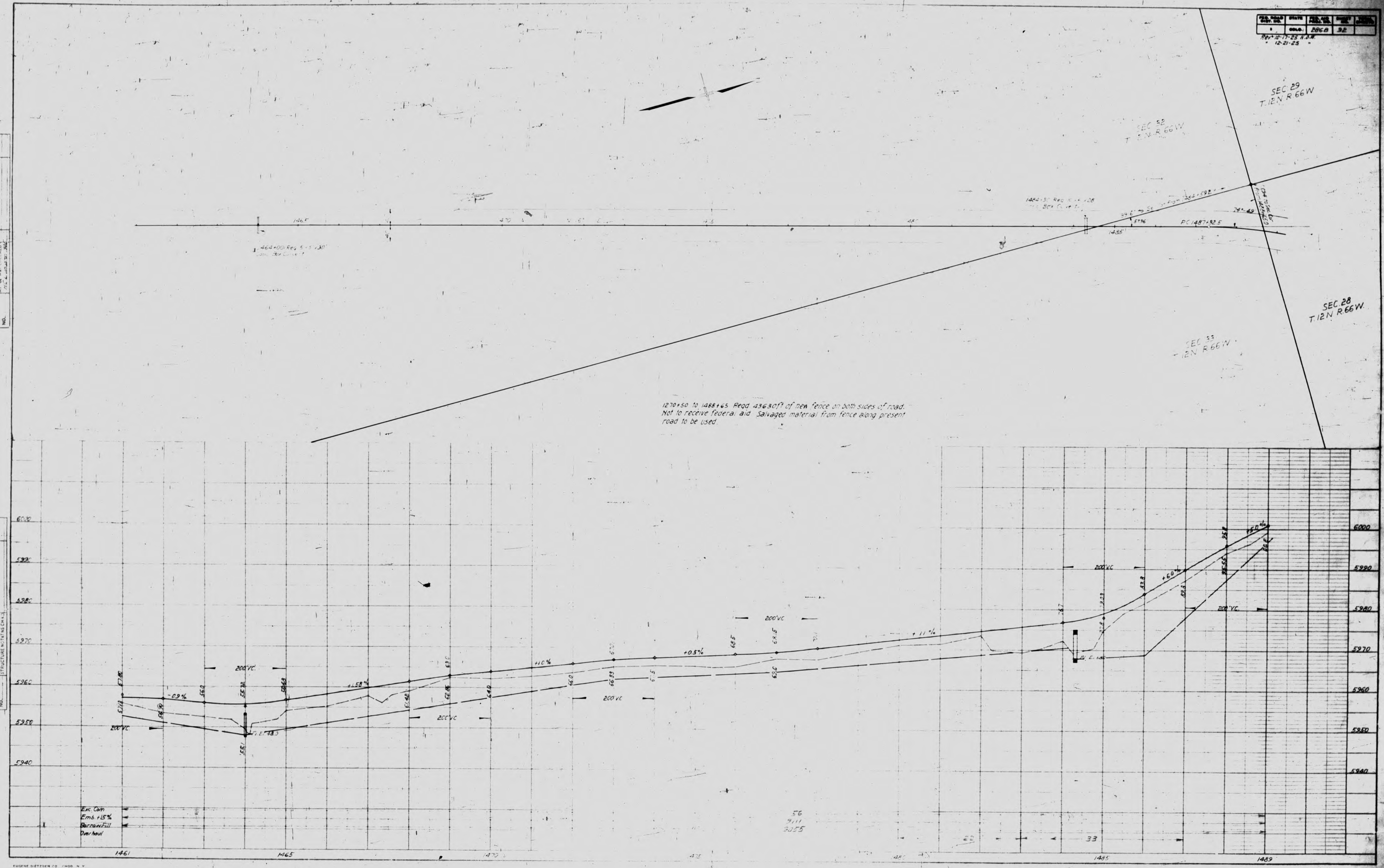
DATE	BY
PROFILE	NOTE BOOK



PROJ. NO.	DATE	REV. NO.	REV. DATE	REV. BY	REV. REASON
100-1-1-23-13A	12-21-23	2068	92		

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

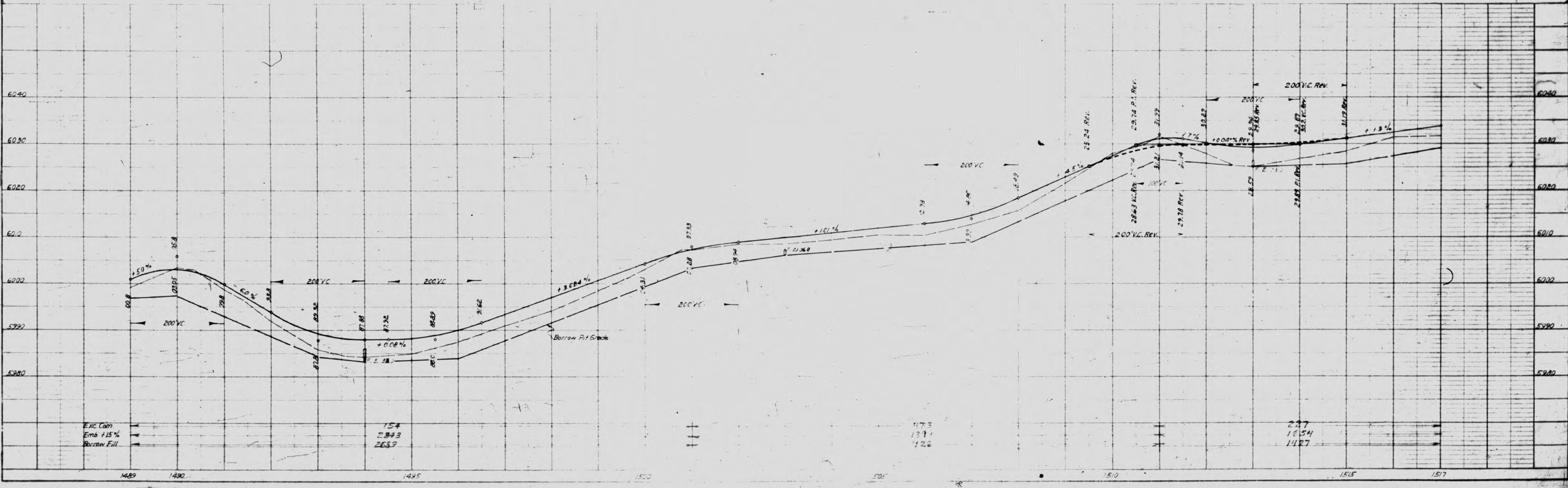
PROFILE	DATE
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



PLAN	DATE	BY
NOTES	1922	
ALIGNED		
CHECKED		
NOTE BOOK		
NO.		

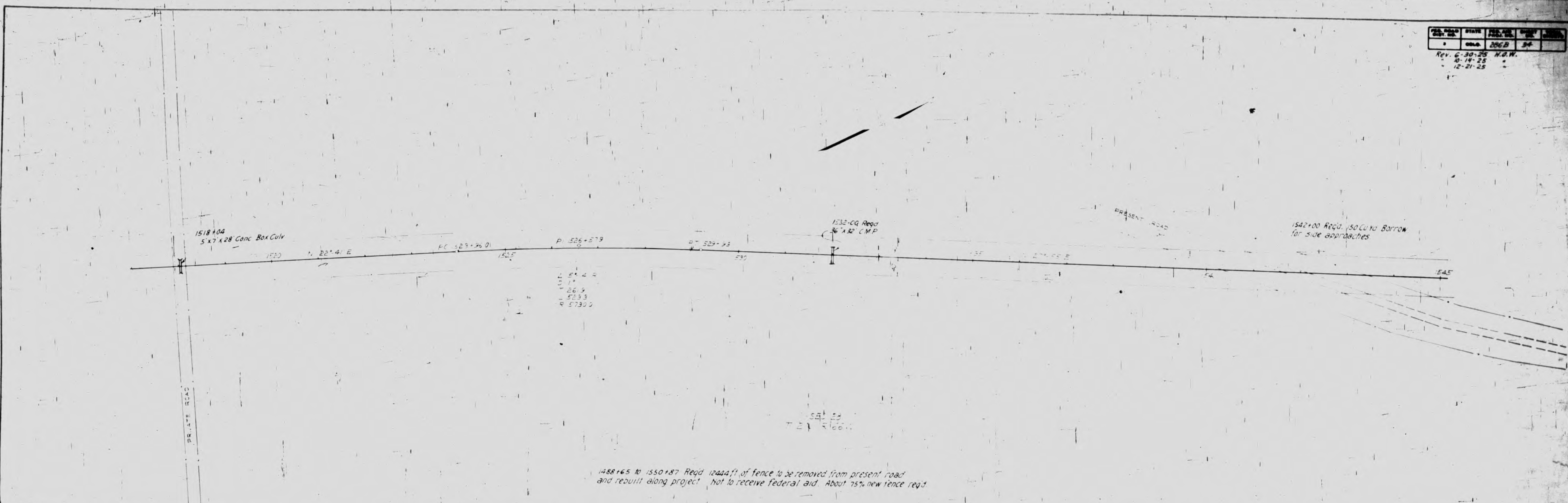


PROFILE	DATE	BY
NOTES		
CHECKED		
NOTE BOOK		
NO.		



DATE	BY	REVISION

DATE	BY	REVISION



REV.	DATE	BY	CHKD.	APP'D.
1	00-06	2065	987	

Rev. 10-17-25 H.S.W.
12-21-25

PLAN	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY

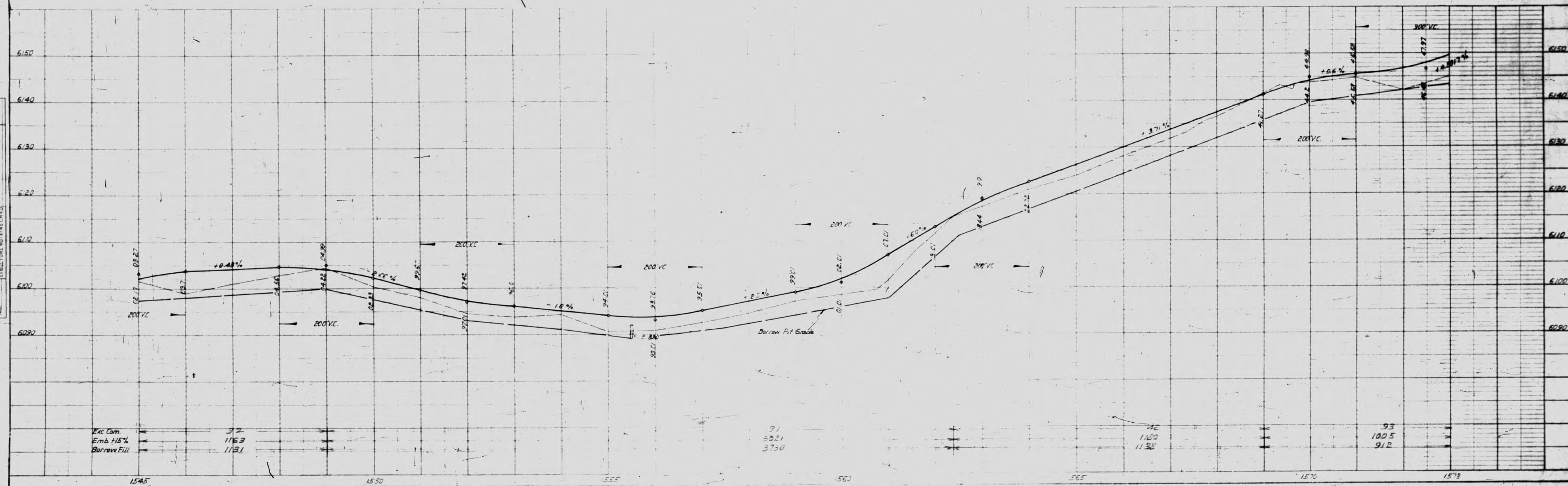


1545+65 to 1550+87 Road 12444 ft. of fence to be removed from present road and rebuilt along project. Not to receive federal aid. About 75% new fence reqd.

1550+87 to 1565+100 Road 2826 ft. of new fence along both sides of project. Not to receive federal aid. Salvaged material from along present road to be used.

1565+100 to 1585+67 Road 2067 ft. of new fence along project. Not to receive federal aid. Salvaged material from along present road to be used.

PROFILE	DATE
SURVEYED PLOTTED NOTE BOOK NO.	BY



Exc. 10m.
Emb. 115%
Borrow Fill

71
3521
3750

72
1100
1130

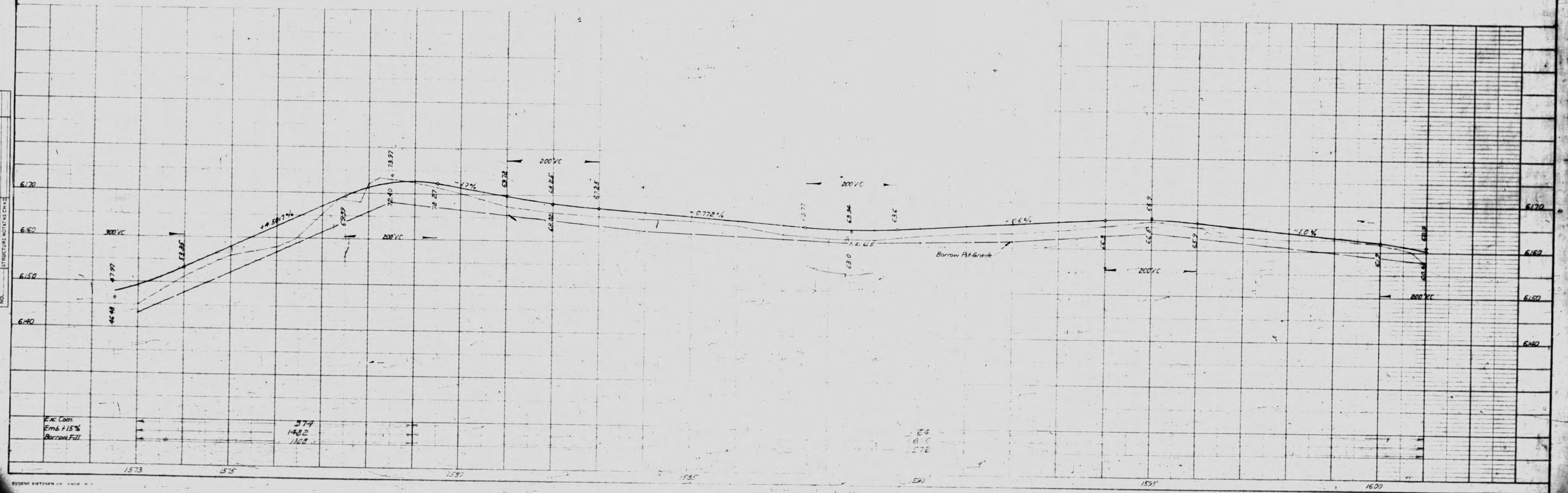
93
1005
912

PLAN	DATE
NO.	
NOTE BOOK	
NO.	
NO.	



1565+00 to 1585+07. Reqd. 200' ft. of new fence along project.
Not to receive federal aid. Salvaged material from along present
road to be used.

PROFILE	DATE
NO.	
NOTE BOOK	
NO.	
NO.	



PLAN	SURVIVED	BY	DATE
NOTE BOOK	PLOTTED	<i>E. C. Hartman</i>	<i>1942</i>
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	<i>17.5 a. original 1942 1945</i>		

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M. S. NOTED		
	STRUCTURE NOTED AS CH. AD.		

