

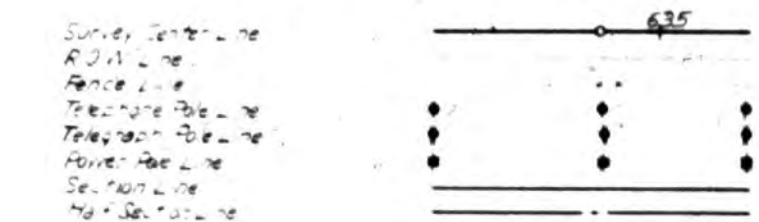
COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 275B STATE HIGHWAY NO. 1 DOUGLAS COUNTY

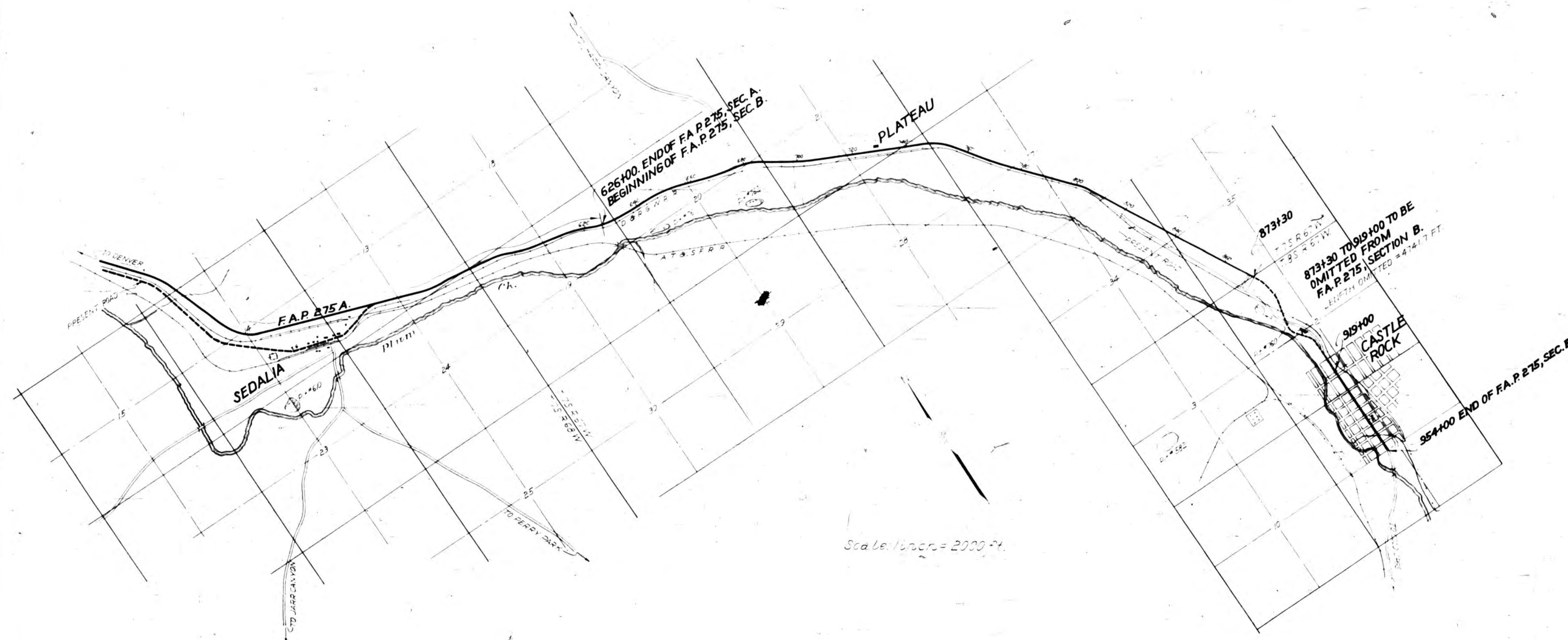
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CONVENTIONAL SIGNS



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 30,825.5 FT. 6.2 MI.
 NET LENGTH OF PROJECT 29,164.5 FT. 5.534 MI.



Scale: 1 inch = 2000 ft.

RECOMMENDED FOR APPROVAL

 ASSISTANT ENGINEER
 APPROVED

 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

PROJECT NO. 12-18-20
STATE OF OREGON
COUNTY OF CLATSOP
DISTRICT NO. 1
SHEET NO. 2
REVISED 12-18-20
BY 12-18-20
12-18-20

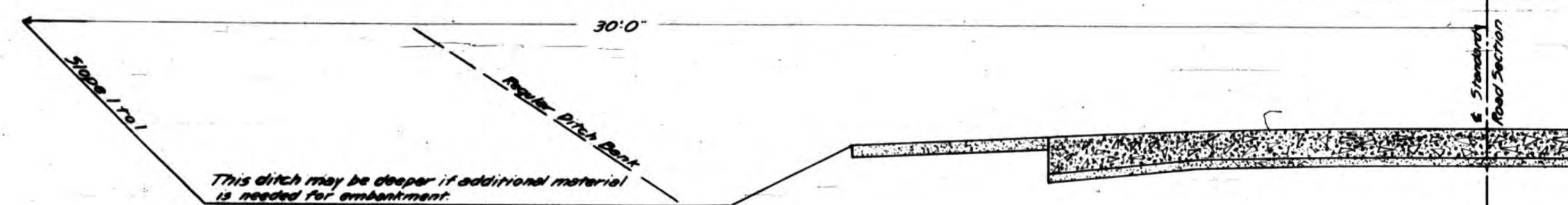
STRUCTURE LIST

STATION	STRUCTURE	CORRUG'D METAL PIPE LIN. FT.	CONCRETE CULV. CLASS	REINF. STEEL (1/2") LBS.	CORRUG'D METAL SYPHON PIPE LIN. FT.	#4'S TIMBER HEADER LIN. FT.	COMMON STRUCTURAL EXCAVATION DRY WET	COMMON EXCAV. CULV.
631+95	Extend 6" Arch Culv.		500	2470			25	
634+39	2'x12" Conc. Box Culv.	20	136	1295		30	321	2
637+56	Side Drain & Header		0.9				4	
643+45	6"x12" Conc. Box Culv.		766	5353			256	7
653+09	2'x12" " "		168	1655			299	
657+85	Header				60			
658+32	2'x12" Conc. Box Culv.		133	1262			155	
659+15	Side Drain & Header	30		0.9		60	4	
660+88	" " " "	20		0.9		30	4	
660+98	3 Span Conc. Pile Trestle	See Summary						
670+39	2'x12" Conc. Box Culv.		133	1262			132	
676+50	Header				60			
676+59	2'x12" Conc. Box Culv.		133	1262			164	2
677+36	Header				30			
689+86	Remove C.M.P. Culv.	See Summary						
699+10	3 Span Conc. Pile Trestle	See Summary						
702+38	Side Drain & Header	30		0.9		50	4	
702+62	" " " "	20		0.9		30	4	
713+10	2'x12" Conc. Box Culv.		139	1328			106	5
722+26	Remove C.M.P. Culv.	See Summary						
727+16	Side Drain & Header	20		0.9		30	4	
732+71	2'x12" Conc. Box Culv.		139	1328			23	5
736+24	3'x12" " "		169	1502			33.6	10
739+80	Remove C.M.P. Culv.	See Summary						
744+28	" " " "	See Summary						
751+12	4'x12" Conc. Box Culv.		312	2385			319	
762+81	2'x12" " "		145	1393			46	
766+71	Side Drain & Header	20		0.9		60	4	
775+57	6'x12" Conc. Box Culv.		506	3234			1334	40
776+50	Side Drain & Header	20		0.9		30	4	
793+60	3'x12" Conc. Box Culv.		515	4460			43.7	
810+00	2'x12" Conc. Box Culv.		133	1262			32.6	
824+10	5'x12" " "		374	2690			84.3	127
840+40	6'x12" " "		506	3234			48	76
856+20	4'x12" " "		323	2489			84.6	537
871+10	Header				80			
872+04	3 Span Conc. Pile Trestle	See Summary						
927+35	2'x12" Conc. Box Culv.	Omitted						
946+50	7 Span Conc. Pile Trestle	See Summary						
949+15	18"x18" Conc. Siphon, 1/2"		22.2	2515	135		234.7	
793+20	3'x12" Conc. Box Culv.		515	4460			58.9	
805 to 873+30	Remove 18"x18" Conc. Siphon	See Summary						
793+20 to 793+20	Remove 18"x18" Conc. Siphon	See Summary						
805 to 873+30	Remove 18"x18" Conc. Siphon	See Summary						
TOTALS		200	596.7	81	5084	135	580	811

TYPICAL CROSS SECTION SHOWN ON SHEET NO. 2A

GENERAL NOTES
Excavation Outside of Ditch and 1/2" Slope shown by Typical Cross Section is to be classified and paid for as Borrow Excavation.
Borrow Pit Grade shown on Profile is to be followed except where changes will give suitable drainage of Pits, and make available sufficient borrow material. Where possible borrow pit grades should be laid higher than grades shown on Profile.
All Borrow Pits outside of Highway Right of Way are to be leveled by Contractor at his own expense.
In addition to the 2" Sand Cushion provided for by the Typical Cross Section, 4" of Sand is to be mixed into the top of the Subgrade to a depth of 6' feet, and then compacted, between the following stations:
Sta. 635 to 660
Sta. 715 to 750
Sta. 845 to 870.
Grading Data shown on Profile is to be considered approximate only.
Timber Headers to be constructed of Untreated Oregon Fir.
All Side Drains to have Standard Headwalls.

STATION	STRUCTURE	CORRUG'D METAL PIPE LIN. FT.	CONCRETE CULV. CLASS	REINF. STEEL (1/2") LBS.	CORRUG'D METAL SYPHON PIPE LIN. FT.	#4'S TIMBER HEADER LIN. FT.	COMMON STRUCTURAL EXCAVATION DRY WET	COMMON EXCAV. CULV.	CORRUG'D METAL SYPHON PIPE LIN. FT.
BROT FOR D									
787+75	Side Drain & Header	20		0.9			30		
776+50	" " " "	20		0.9			30		
808+25	" " " "	20		0.9			30		
836+00	Header						50		
837+05	" " " "						30		
837+60	" " " "						30		
847+65	Side Drain & Header	20		0.9			30		
848+10	" " " "	20		0.9			30		
852+75	" " " "	40		1.8			60		
867+62	" " " "	40		1.8			60		
871+56	" " " "	20		0.9			30		
919+00	Header						18		
920+50 to 921+30	Headers						160		
927+30 to 928+00	" " " "						160		
931+00 to 931+30	" " " "						160		
934+30 to 943+30	" " " "						1680		
950+00 to 950+00	" " " "						160		
951+00 to 951+00	" " " "						40		
954+00	Header						18		
949+00	Cor. metal siphon pipe		10		725		70.5		65
TOTALS		400	606.7	171	51566	135	3386	1318.5	819



DETAIL OF WIDENED DITCH
Sta. 715+50 to 750+00
Sta. 736+00 to 749+00
(QUANTITIES INCLUDED IN
GIVING QUANTITIES)

SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION QUANTITIES
1	Excavation Common	Cu. Yd.	28600	38630
2	" " " "	" "	1,100	0
3	Borrow Excavation	" "	182.50	17900
4	Overhaul	Sq. Yd.	107,000	124503
5	On-Can. Excav. for Structures	Cu. Yd.	1300	171.9
6	" " " "	" "	100	0
7	Sand Cushion	" "	3570	3836
8	Sand Subgrade Treatment	" "	2,200	2755
9	Gravel Shoulder	" "	2,550	2271
10	One Course Plain Conc. Pavement	Sq. Yd.	55450	55453
11	Reinforced Metal Lining Joint	Lin. Ft.	27740	27740.5
12	Class A Concrete	Cu. Yd.	611	608.7
13	" " " "	" "	9	17.1
14	Reinforcing Steel	Lbs.	52,200	51566
15	15" Cor. Metal Culvert Pipe	Lin. Ft.	220	400
16	Untreated Timber Headers	M. B. Ft.	16	3.05
17	Removing Structures, Stations:			
634+39	639+86	744+50		
643+25	719+10	751+12		
653+09	722+26	752+81		
658+32	732+71	775+57		
670+39	736+24	793+60		
676+59	779+60	831+95 (Part)		
945+15				
Lump Sum				\$250.00
18	18" Cor. Metal Siphon Pipe	Lin. Ft.	135	135
19	15" Cor. Metal Siphon Pipe	Lin. Ft.		65
20	60' CONCRETE BRIDGE STA. 668+38			
21	Class A Concrete	Cu. Yd.	123	123
22	Reinforcing Steel	Lbs.	11400	11400
23	30" Reinforced Concrete Piling	Lin. Ft.	600	600
24	Wire Cable Guard Fence	" "	200	200
Lump Sum				\$200.00
25	60' CONCRETE BRIDGE STA. 698+96			
26	Class A Concrete	Cu. Yd.	123	123
27	Reinforcing Steel	Lbs.	11400	11400
28	30" Reinforced Concrete Piling	Lin. Ft.	600	600
29	Wire Cable Guard Fence	" "	310	310
Lump Sum				\$200.00
30	60' CONCRETE BRIDGE STA. 872+04			
31	Class A Concrete	Cu. Yd.	123	123
32	Reinforcing Steel	Lbs.	11400	11400
33	30" Reinforced Concrete Piling	Lin. Ft.	600	600
34	Wire Cable Guard Fence	" "	280	280
35	140' CONCRETE BRIDGE STA. 946+50			
36	Class A Concrete	Cu. Yd.	385	390
37	Reinforcing Steel	Lbs.	42,300	42330
38	30" Reinforced Concrete Piling	Lin. Ft.	1,680	1680
39	18" Rigid Black Steel Electric Conduit	" "	350	350
40	Square Cast Iron Outlet Boxes	Number	4	4
41	Removing Present Bridge	Lump Sum		\$1000.00
42	Riprap	Sq. Yd.	350	810.3
43	Wire Cable Guard Fence	Lin. Ft.	400	400
44	Remove Bridge (Temporary)	Lump Sum		\$1400.00
45	MATERIALS TO BE FURNISHED & WORK TO BE DONE BY STATE			
46	Deliver	Lump Sum		
47	Covering Water Main	Lin. Ft.	13660	
48	New Wire Fence (100 Fed. Aid)	Lin. Ft.	9140	
49	Move and Reset Wire Fence	Lin. Ft.		

Grading quantities are supported by X-Section sheets on file.

[illegible]

BENDING DIAGRAM
All dimensions are to C of bar

Mark	Size	Number	Length
E	5/8" Ø	29	18'-0"
L	5/8" Ø	29	8'-8"
M	1/2" Ø	29	16'-0"
O ₁	3/8" Ø	21	13'-6"
O ₂	3/8" Ø	21	4'-0"
O ₃	3/8" Ø	10	28'-0"
O ₄	1/2" Ø	42	1'-6"
Q	1/2" Ø	6	20'-0"
T	3/8" Ø	10	16'-0"
X ₁	3/8" Ø	4	9'-0"
X ₂	1/4" Ø	4	11'-0"
X ₃	3/8" Ø	4	12'-0"
X ₄	3/8" Ø	4	14'-0"
X ₅	3/8" Ø	4	13'-0"
X ₆	3/8" Ø	4	16'-0"

	7'-0"	4'-0"
S ₁	22'-0"	8'-0"
S ₂	22'-1"	8'-7"
S ₃	22'-1"	9'-2"
S ₄	22'-1"	9'-3"
S ₅	22'-4"	10'-4"
S ₆	22'-4"	11'-2"
S ₇	22'-6"	12'-0"
S ₈	22'-7"	12'-11"
S ₉	22'-10"	13'-10"
S ₁₀	23'-0"	15'-0"
S ₁₁	23'-2"	16'-2"
S ₁₂	23'-3"	17'-5"
S ₁₃	23'-5"	18'-5"
S ₁₄	23'-7"	19'-7"
S ₁₅	23'-8"	20'-8"

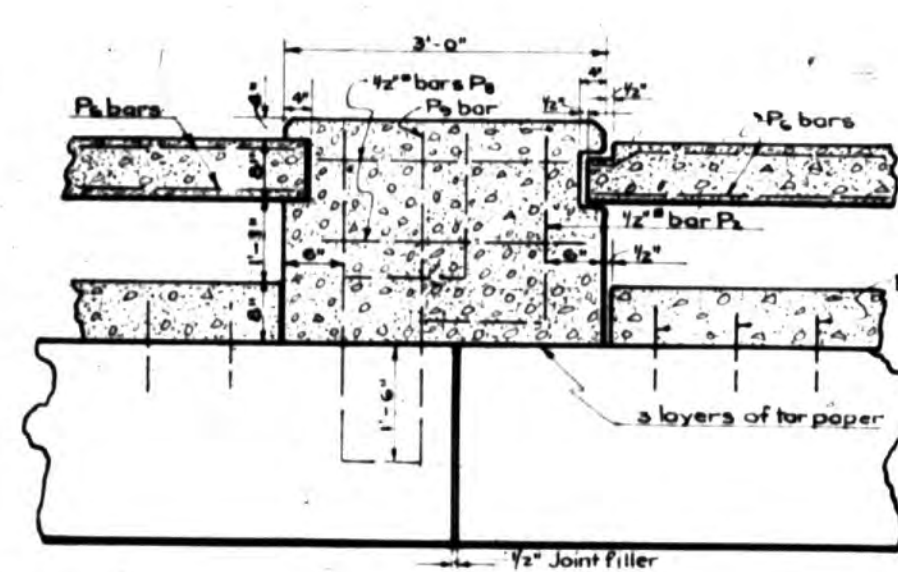
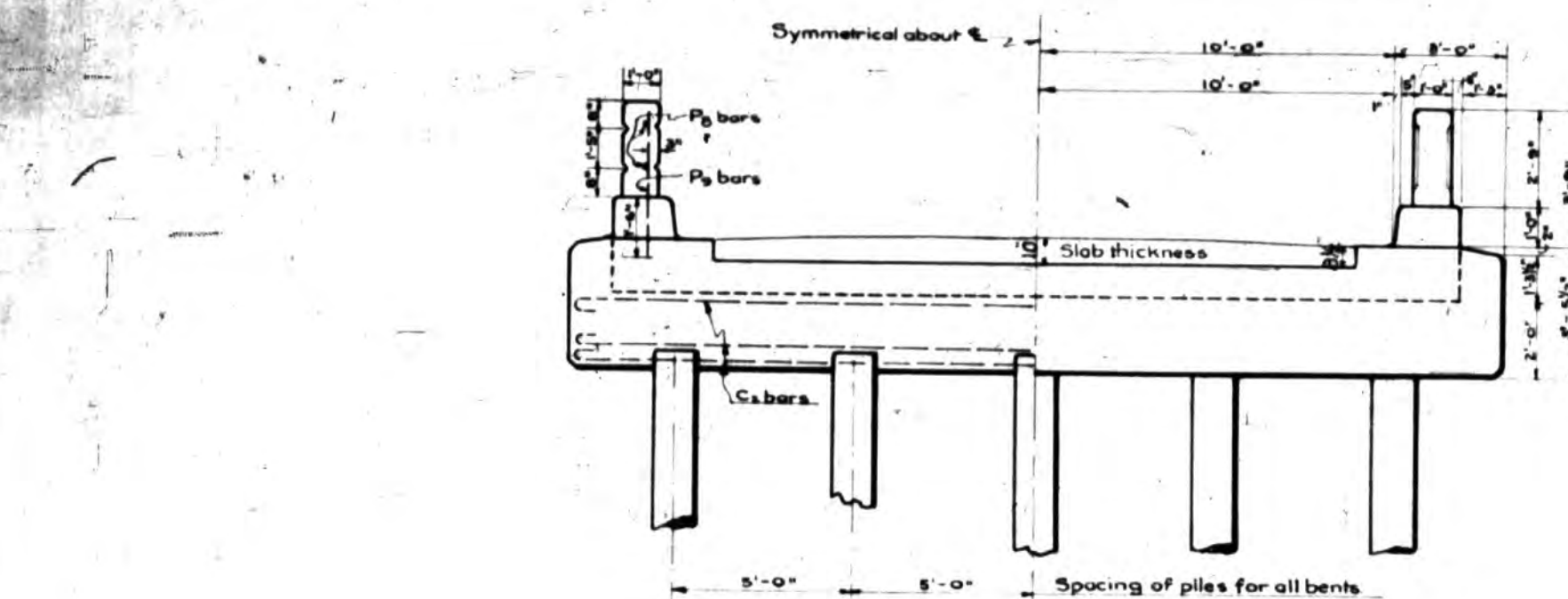
113 lin.ft. of 3/8" reinforcing bars @ 1.043' per ft. = 100 lbs.
 2387 lin.ft. of 1/2" reinforcing bars @ 0.660' per ft. = 1595 lbs.
 3% is added for overlap = 69 lbs.
 Total = 1664 lbs.

Concrete, class "A"	300 Cu Yds.
Reinforcing steel, including 3% for over run	2470 Lbs
Excavation, Dry, Common	23 Cu Yds

EXTENSION FOR
6'X6' ARCH CULVERT

STA. 631+94.6

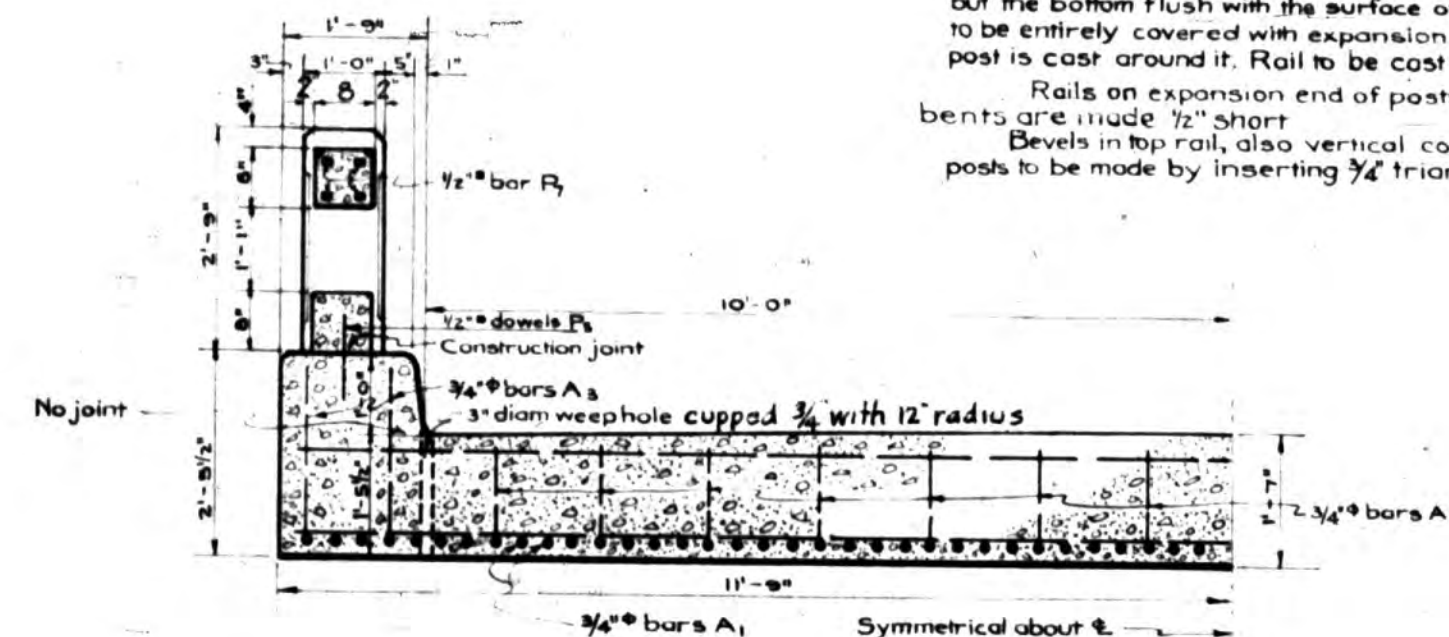
Near Sedalia	Sec. 20-T. 7 S. R. 67 W
Designed by <u>RWJ</u>	Approved by <u>EDP</u>
Made by <u>RMA</u>	Bridge Engineer
Checked by <u>HGS</u>	Date <u>8-24-1925</u>



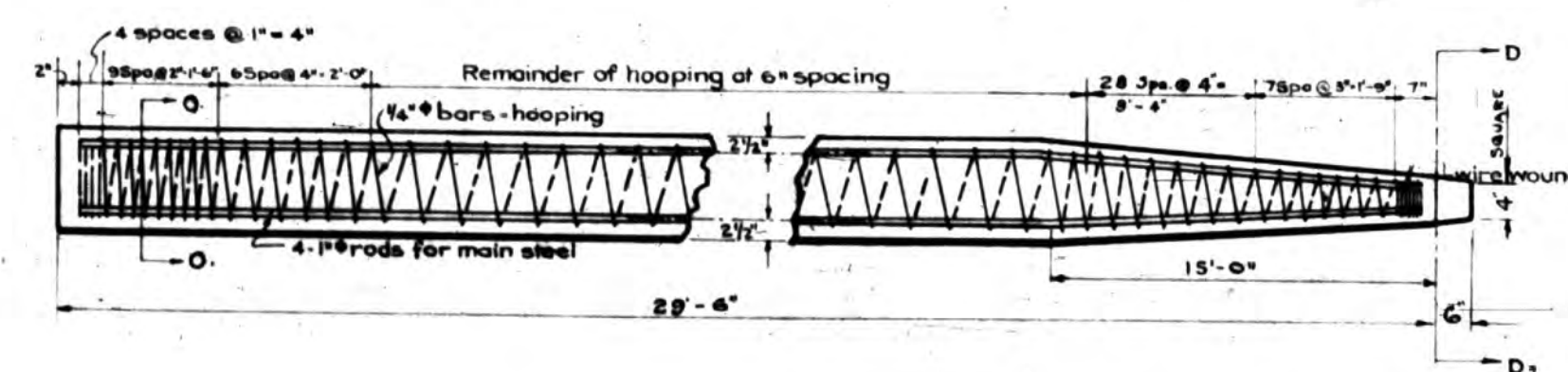
DETAIL OF POST AT EXPANSION BENTS

END VIEW

DETAIL OF TENON



HALF SECTION OF SLAB B-B



SECTION D-D

DETAIL OF CONCRETE PILE

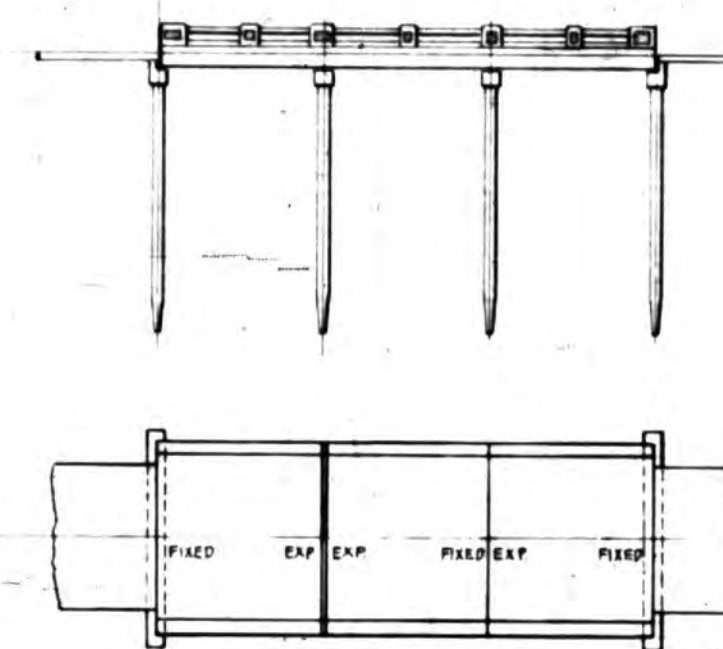
HANDRAIL NOTES

Top rail to be precast and put in place before posts are poured. One end shall be cast solidly into post. Other end shall have a tenon 4" long inset 1/8" on each of three sides but the bottom flush with the surface of the rail. This end to be entirely covered with expansion joint material before post is cast around it. Rail to be cast free of twist. Rails on expansion end of posts over the expansion bents are made 1/2" short. Bevels in top rail, also vertical corners and panels of posts to be made by inserting 3/4" triangular wooden strip.

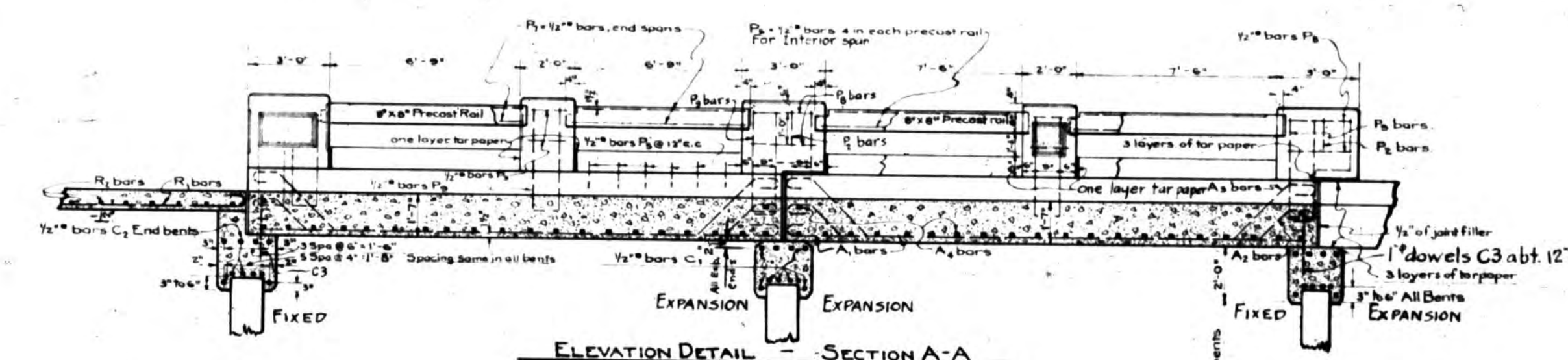
3 Spans @ 20'-0" = 60'-0"				
Station	668+38	+58	+78	+98
Bent Number	1	2	3	4
E of Roadway Elev.	5900.66	80.98	81.12	81.03

3 Spans @ 20'-0" = 60'-0"				
Station	699+10	+30	+50	+70
Bent Number	1	2	3	4
E of Roadway Elev.	6004.86	04.85	04.91	04.92

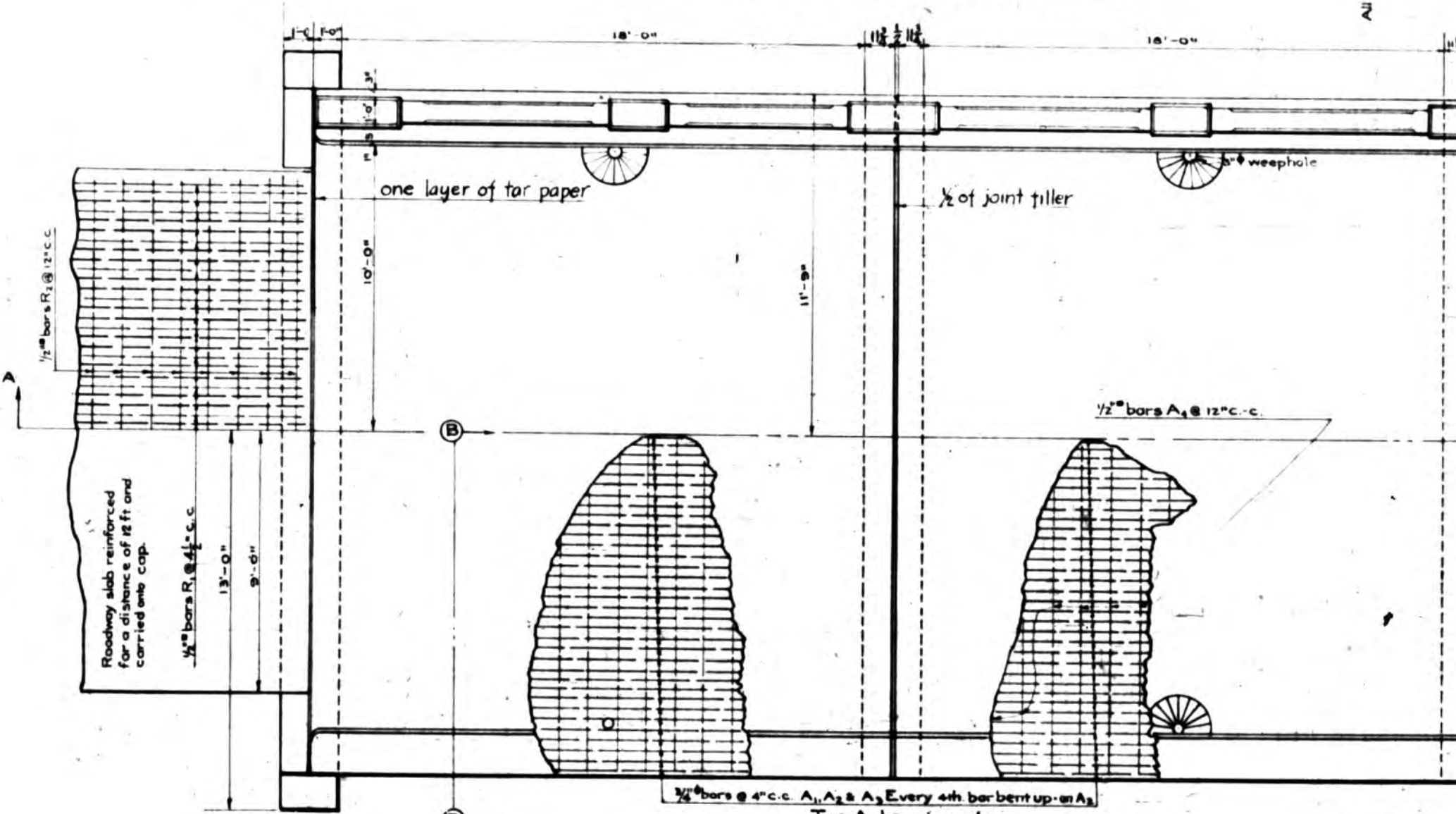
3 Spans @ 20'-0" = 60'-0"				
Station	872+04	+24	+44	+64
Bent Number	1	2	3	4
E of Roadway Elev.	6173.23	73.30	74.34	74.61



GENERAL PLAN



ELEVATION DETAIL - SECTION A-A



DETAIL PLAN FOR TWO SPANS

BAR LIST FOR ONE SUPERSTRUCTURE OF 3 SPANS WITH TWO APPROACH SLABS

Mark	Size	Length	Reinforcement Diagram	Number Per one Bridge
A ₁	1/2"	1'-0"	rod 2'	180
A ₂	1/2"	1'-0"	rod 2'	48
A ₃	1/2"	1'-0"	rod 2'	12
A ₄	1/2"	1'-0"	rod 2'	66
C ₁	1/2"	1'-0"	rod 2'	80
C ₂	1/2"	1'-0"	rod 2'	10
C ₃	1/2"	1'-0"	rod 2'	72
P ₁	1/2"	1'-0"	rod 2'	18
P ₂	1/2"	1'-0"	rod 2'	4
P ₃	1/2"	1'-0"	rod 2'	12
P ₄	1/2"	1'-0"	rod 2'	16
P ₅	1/2"	1'-0"	rod 2'	76
P ₆	1/2"	1'-0"	rod 2'	16
R ₁	1/2"	1'-0"	rod 2'	86
R ₂	1/2"	1'-0"	rod 2'	84
R ₃	1/2"	1'-0"	rod 2'	32
ITEM				LN
144 1/2" Bars @ 2.40 lbs. per lin. ft.				306
48 1/2" Bars @ 1.80 lbs. per lin. ft.				669
48 1/2" Bars @ 0.80 lbs. per lin. ft.				409
± 5% added for overrun				286
TOTAL (includes 1400 lbs. in approach slabs)				11400
Number Reinforced concrete piles @ 30'-0" each				20

SUMMARY OF QUANTITIES

	STA. 668+38	STA. 699+10	STA. 872+04
SUPERSTRUCTURE			
Reinforcing (includes 3% for overrun)	Lin. Ft. 10000	10000	10000
Class A Concrete	Cu. Yds. 110	110	110
TWO APPROACH SLABS			
Reinforcing includes 3% for overrun	Lin. Ft. 1400	1400	1400
Class A Concrete	Cu. Yds. 130	130	130
SUBSTRUCTURE			
Concrete Piling (with reinforcement)	Lin. Ft. 600	600	600

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" (1:2:4) mixture.
All exposed surfaces to be rubbed free of form marks.
Pavement in handrail to be bush-hammered.
All reinforcing bars shall be plain round or plain square as shown.
Structure is detailed for concrete surfaced approaches.
Bid price for Concrete Piling to include all material and labor including steel reinforcement.

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.
Fixed Leads required. Drag hammer not to be used.
Design as shown provides for a 1" concrete wearing surface.
Maximum load on piles = 22 Tons.
Piles to be driven to line without jacking or bending.
Reinforcement in Piles permits picking up at 1/3 points only.

LOADING:
LL-1.1-AASHTO 7-15
BTUHH0010-25100 ASD No. 72

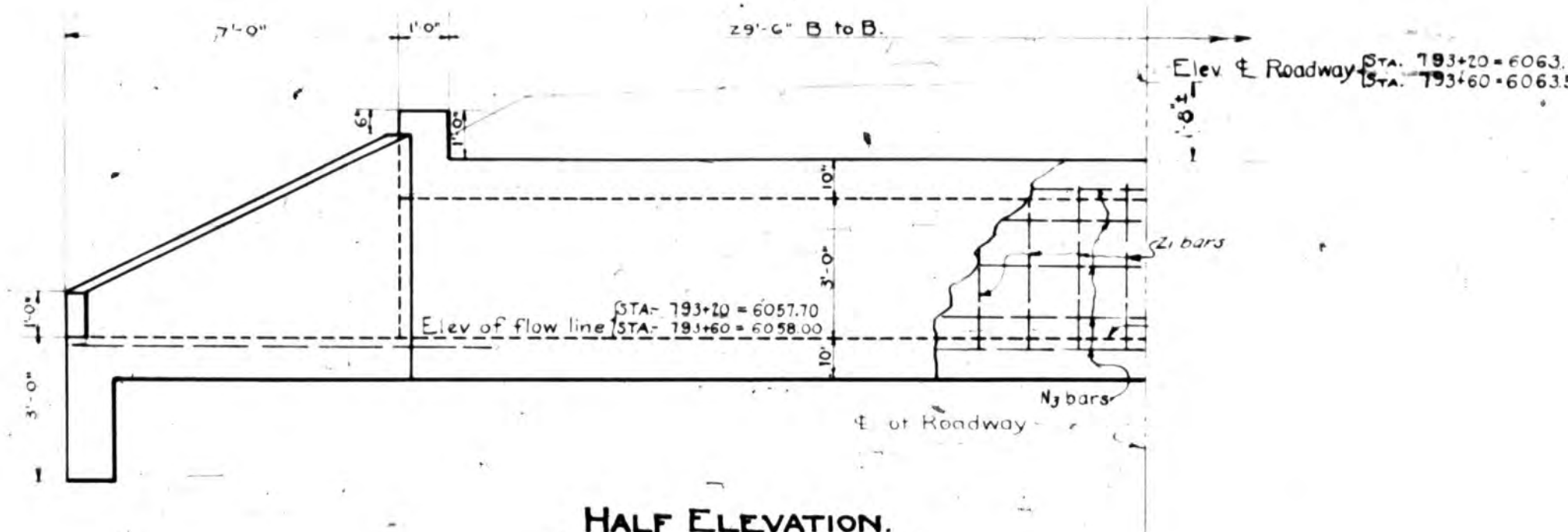
COLORADO
STATE HIGHWAY DEPARTMENT

REINFORCED CONCRETE
PILE TREESTILES

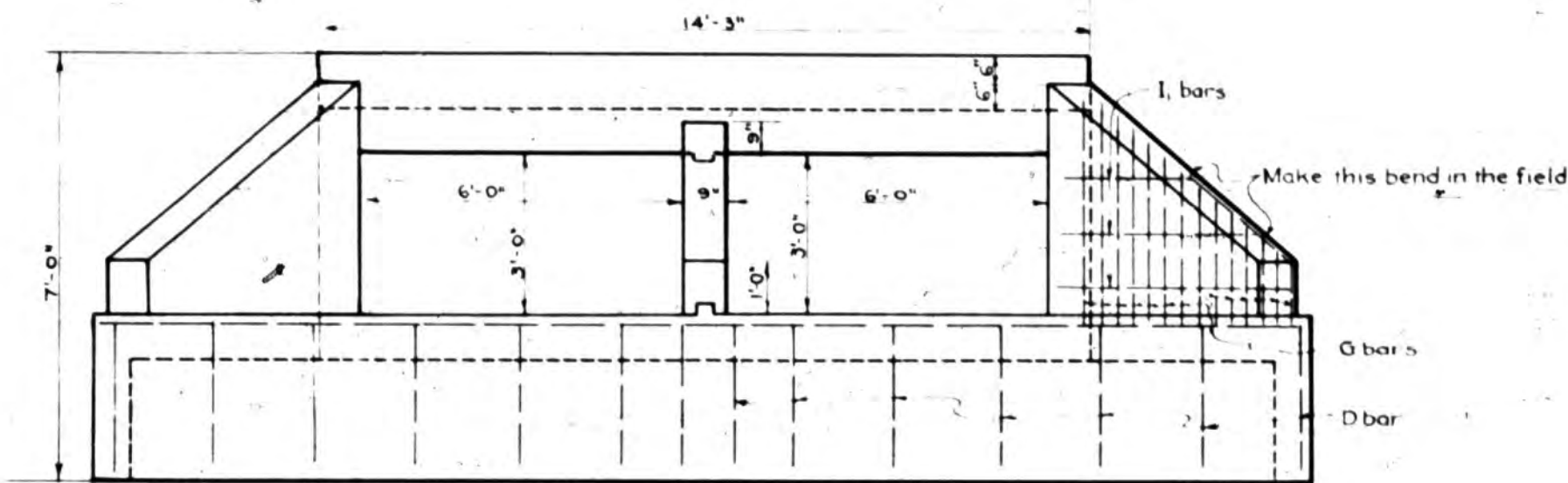
(Sta. 668+38 Sec. 21 T. 75 R. 67 W.)
(Sta. 699+10 Sec. 21 T. 75 R. 67 W.)
(Sta. 872+04 Sec. 21 T. 75 R. 67 W.)

Designed by R.W.J. Approved by _____
Made by R.M.A. Checked by P.S.B. Date _____

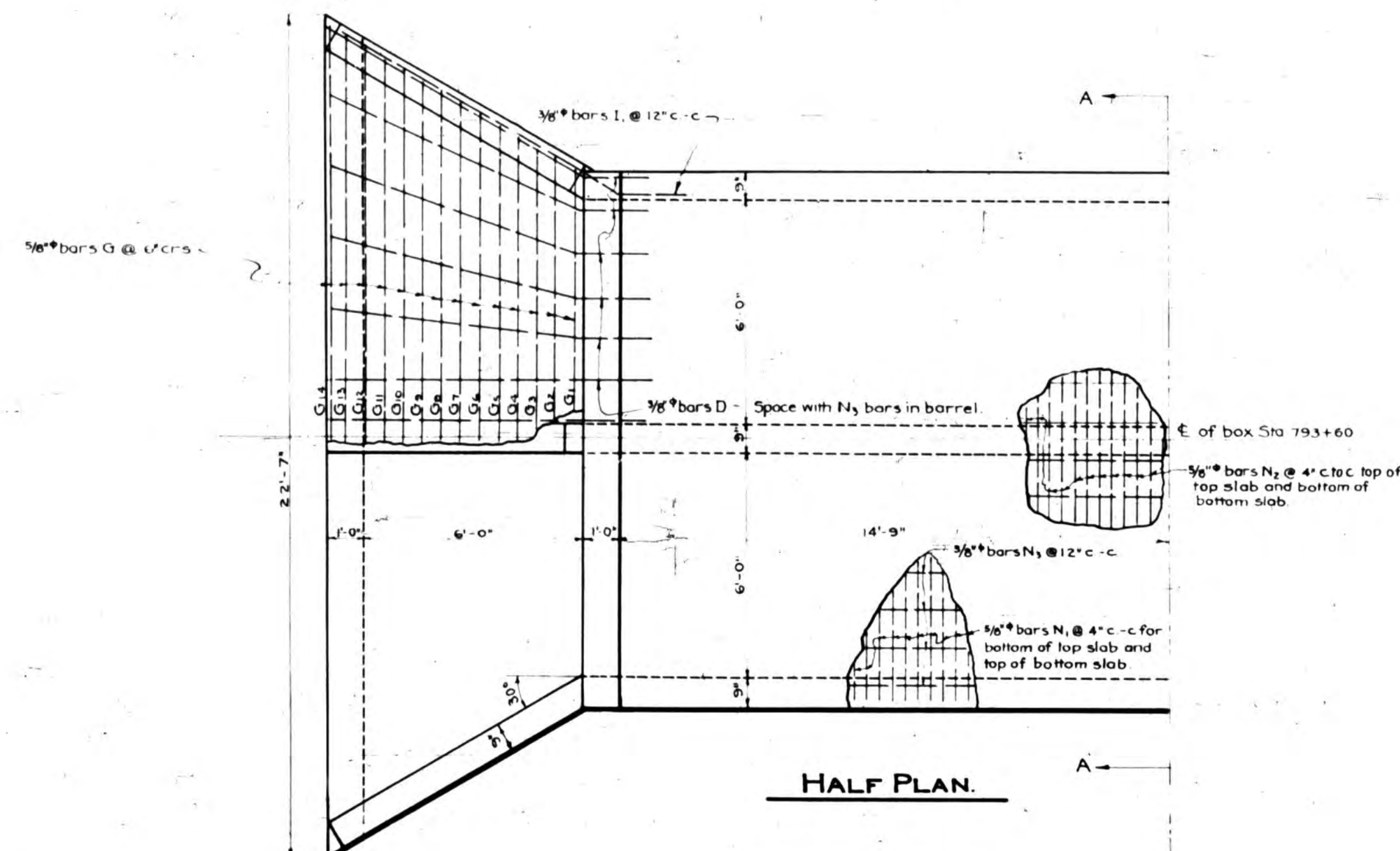
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572.699+10 - G-11-D
572.872+04 - G-11-E



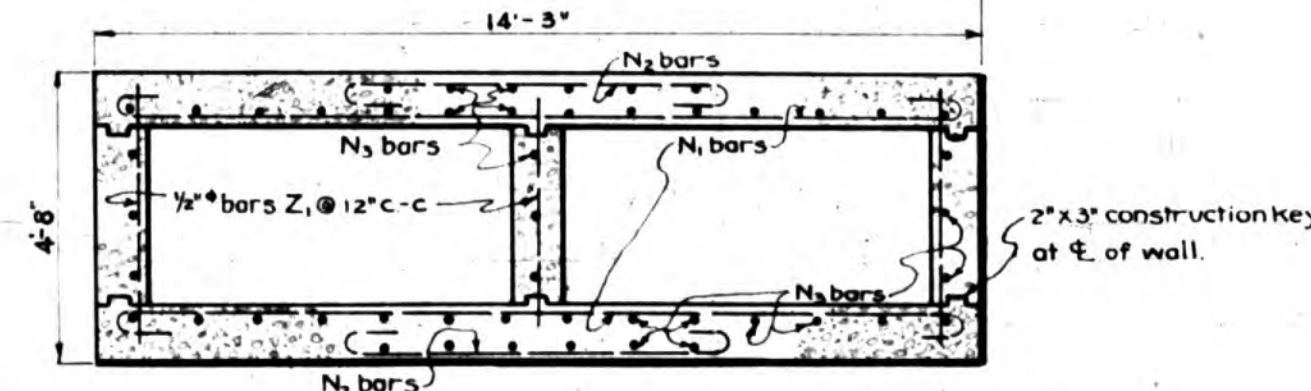
HALF ELEVATION.



END VIEW.



HALF PLAN.



SECTION A-A.

BAR LIST
FOR ONE DOUBLE 3'x6' BOX CULVERT

MARK	SIZE	NUMBER	LENGTH	BENDING DIAGRAM
All dimensions are to E. of bar				
N ₁	5/8"	191	15'-3"	
N ₂	5/8"	190	7'-8"	
Z ₁	1/2"	99	4'-0"	
G ₁	5/8"	2 Ea	23'-2" to 24'-3" Incr by 1"	
N ₃	3/8"	49	31'-3"	
I ₁	3/8"	12	10'-0"	
D	3/8"	29	12'-0"	
5034 lin ft of 5/8" reinforcing steel @ 1.043 lbs. per ft. = 5251 lbs. 396 lin ft of 1/2" reinforcing steel @ 0.667 lbs. per ft. = 264 lbs. 2012 lin ft of 3/8" reinforcing steel @ 0.376 lbs. per ft. = 757 lbs. = 6272 lbs. + 3% for overrun = 188 lbs. Total = 6460 lbs.				

GENERAL NOTES.

All work shall be done in accordance with the Standard Specifications of the Colorado State Highway Department.
All concrete shall be class "A" (1:2:4 mixture).
All exposed surfaces shall be rubbed free of form marks.
All walls shall have forms on both sides.
All construction joints shall be thoroughly cleaned before fresh concrete is poured.
Fill on center-line of roadway to top of box shall be not less than 1'-0".
Distance from face of concrete to center line of reinforcement bar shall be not less than 1 1/2".
Maximum soil pressure = 700 lbs. per sq. ft.
All bars shall be tagged with the station number and the letter designation.

SUMMARY OF QUANTITIES.

	Cu. Yds.	Lbs.
Class "A" Concrete (1:2:4 mixture)	81.5	815
Reinforcing Steel, including 3% overrun		6460
Excavation, Dry, Common.	88.9	417

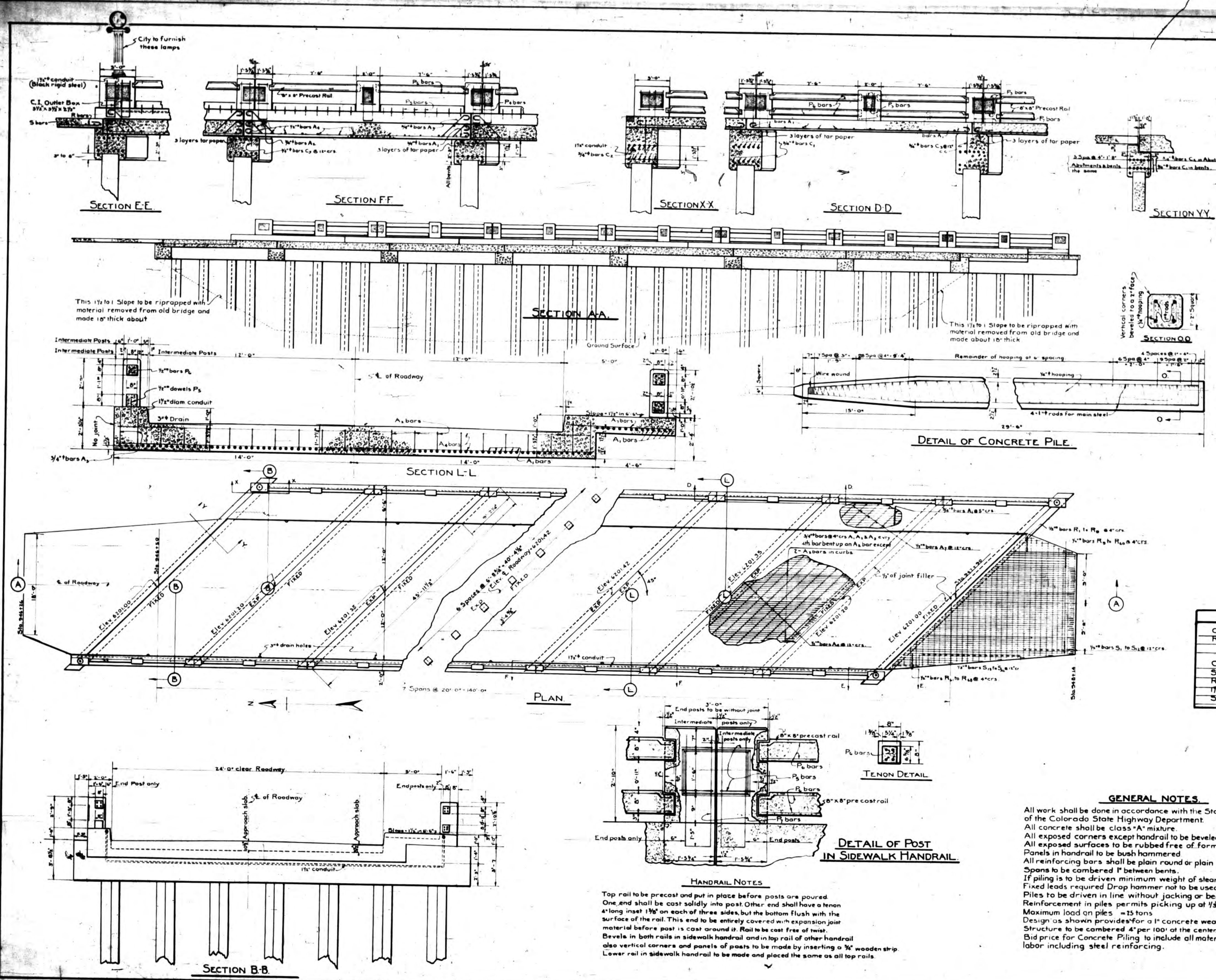
LOADING, A.A.S.H.O. 2-15

COLORADO
STATE HIGHWAY DEPARTMENT

DOUBLE 3'x6' BOX CULVERT

Across STA. 793+20 & STA. 793+60
Near Sedalia Sec. 27 T. 7S. R. 67W.

Designed by RMJ Approved by R.L.A.
Made by RMJ Bridge Engineer
Checked by L.H. Date: 8-10-15



PER. NO. 3 STATE COLO. REVISED 1954 BY RMA

BAR LIST FOR SEVEN SPANS

BENDING DIAGRAM

All dimensions are to c. of bar

Mark	Size	Number	Length
A ₁	1/2"	512	21'-0"
A ₂	3/4"	20	25'-0"
A ₃	1/2"	126	21'-0"
R ₁	1/2"	2 Each	2'-5 1/2"
R ₂	1/2"	2 Each	14'-0"
R ₃	1/2"	2 Each	31'-0"
R ₄	1/2"	2 Each	32'-0"
R ₅	1/2"	2 Each	4'-0"
S ₁	1/2"	2 Each	17'-6"
S ₂	1/2"	2 Each	21'-0"
A ₄	1/2"	133	30'-0"
A ₅	1/2"	108	25'-0"
P ₁	1/2"	23	8'-0"
P ₂	1/2"	24	7'-0"
C ₁	1/2"	168	35'-0"
C ₂	1/2"	56	26'-0"

20587 lin. ft. 1/2" bars @ 1.982 lbs. per lin. ft. = 40822 lbs.
 11884 lin. ft. 3/4" bars @ 0.850 lbs. per lin. ft. = 10102 lbs.
 3% added for overrun = 1330 lbs.
Total = 42254 lbs.

SUMMARY OF QUANTITIES

	APPROACH	BRIDGE	TOTAL
Class "A" concrete (Does not include piles) cu. yd.	300	3600	3900
Reinforcing steel (Does not include piles) lbs.	3325	38925	42250
Concrete Piling (Including reinforcing) Lin. Ft.		1680	1680
Structure Excavation, dry, common cu. yd.		400	400
Riprap - 18" thick, about (from old bridge) cu. yd.		350	350
1 1/2" black rigid sheet electric conduit Lin. Ft.		350	350
Square C.I. gutter boxes		4	4

GENERAL NOTES

All work shall be done in accordance with the Standard Specifications of the Colorado State Highway Department.

All concrete shall be class "A" mixture.

All exposed corners except handrail to be beveled to a 2" face.

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.

Panels to be cambered 1" between bents.

If piling is to be driven minimum weight of steam hammer shall be 2 tons.

Fixed leads required Drop hammer not to be used.

Piles to be driven in line without jacking or bending.

Reinforcement in piles permits picking up at 1/3 points only.

Maximum load on piles = 25 tons.

Design as shown provides for a 1" concrete wearing surface.

Structure to be cambered 4" per 100' at the center.

Bid price for Concrete Piling to include all material and labor including steel reinforcing.

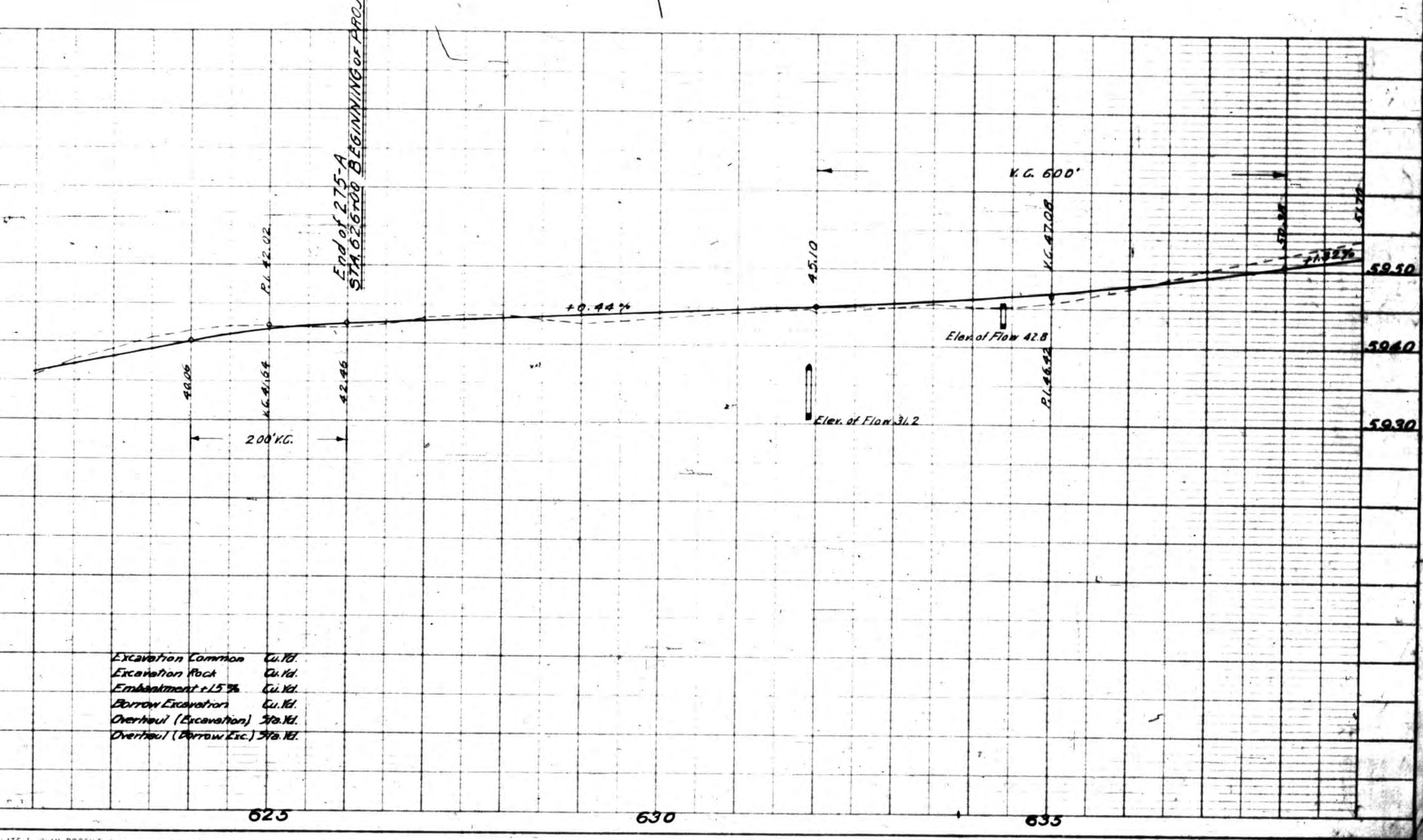
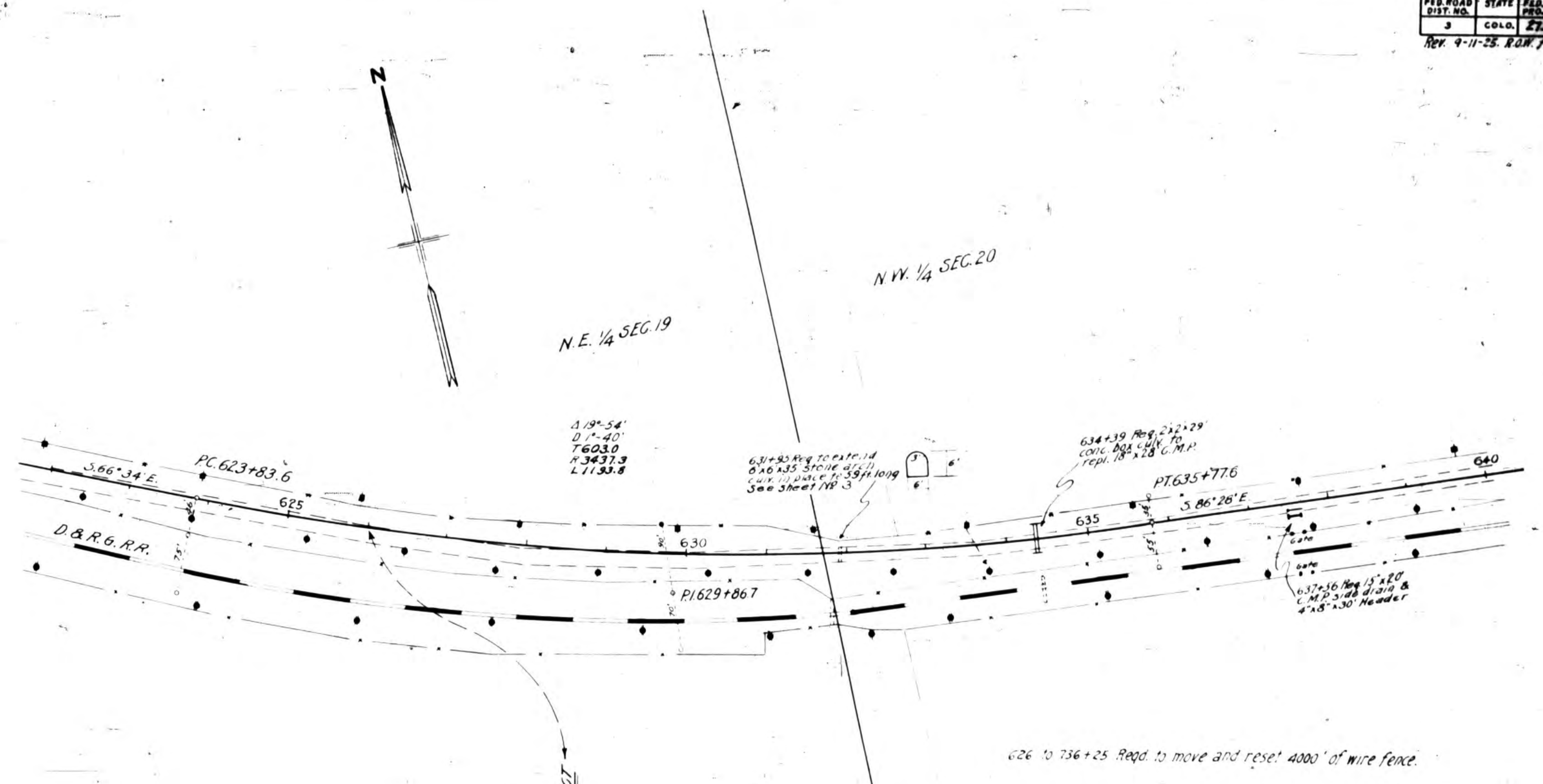
LOADING--AASHO 2-15

COLORADO
STATE HIGHWAY DEPARTMENT
SEVEN SPANS @ 20.43 SKEW
CONCRETE TRESTLE
WITH SIDEWALK
ACROSS SLOPES, C&D
 Sta. 345+2.1
 Near Castle Rock, Sec. 2, T. 6 S., R. 67 W.
 Designed by ASD
 Made by RMA
 Checked by PJB
 Approved by C.D.
 Date: 4-24-1954

STRUCTURE No. G-17-F

PLAN	REVIEWED	DATE
NOTE BOOK	A. GARNETT CHECKED	
NO.	BY	

PROFILE	REVIEWED	DATE
NOTE BOOK	A. GARNETT CHECKED	
NO.	BY	



Excavation Common 1/2 ft.
Excavation Rock 1/2 ft.
Excavation 1/2 ft.
Excavation 1/2 ft.
Excavation 1/2 ft.
Excavation 1/2 ft.

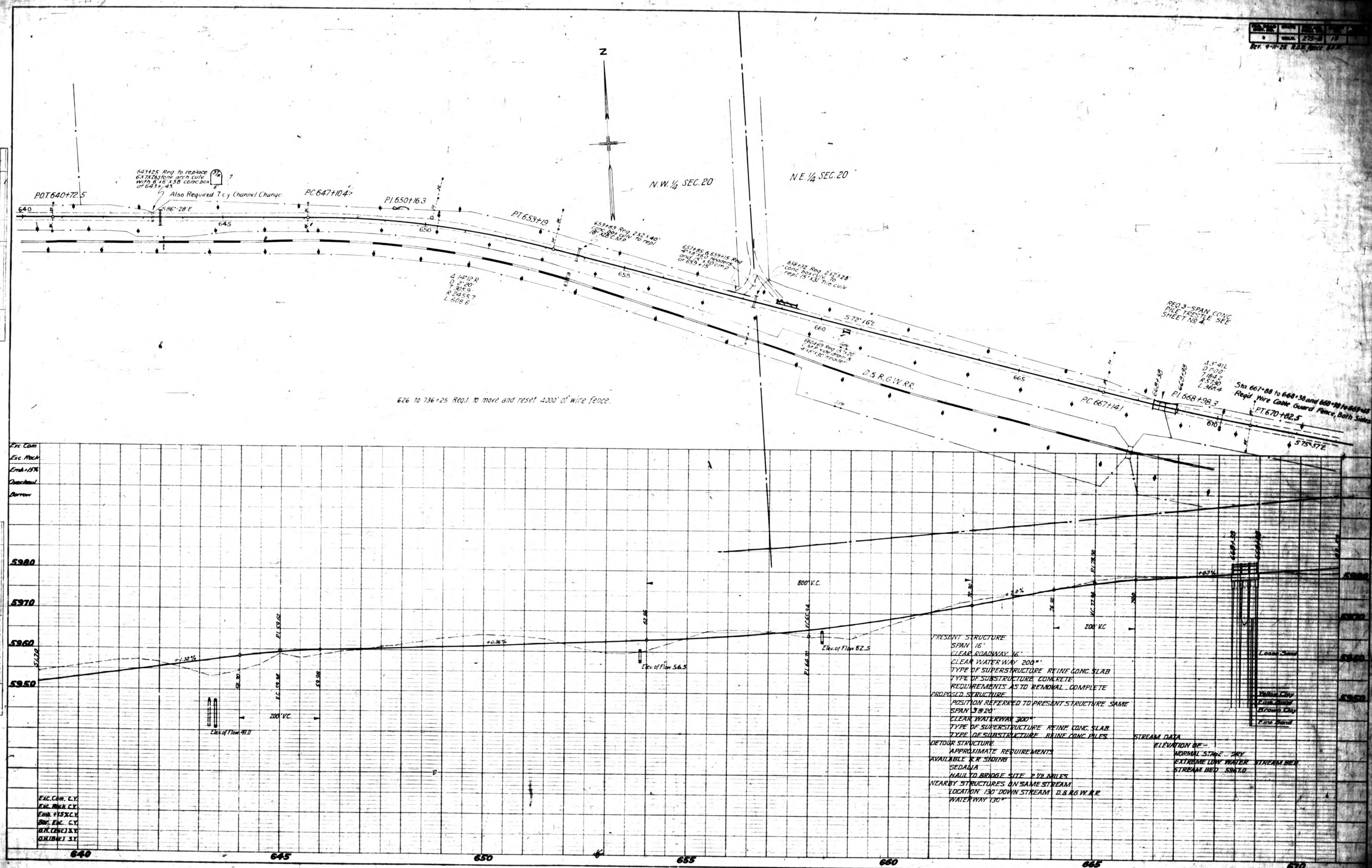
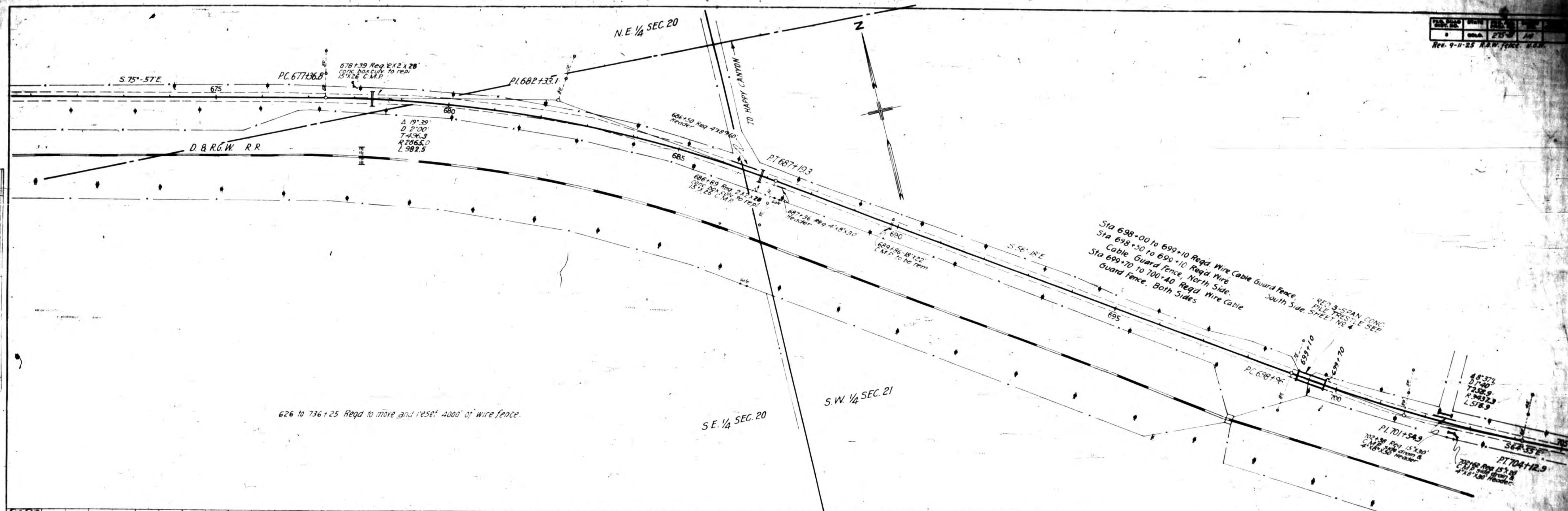
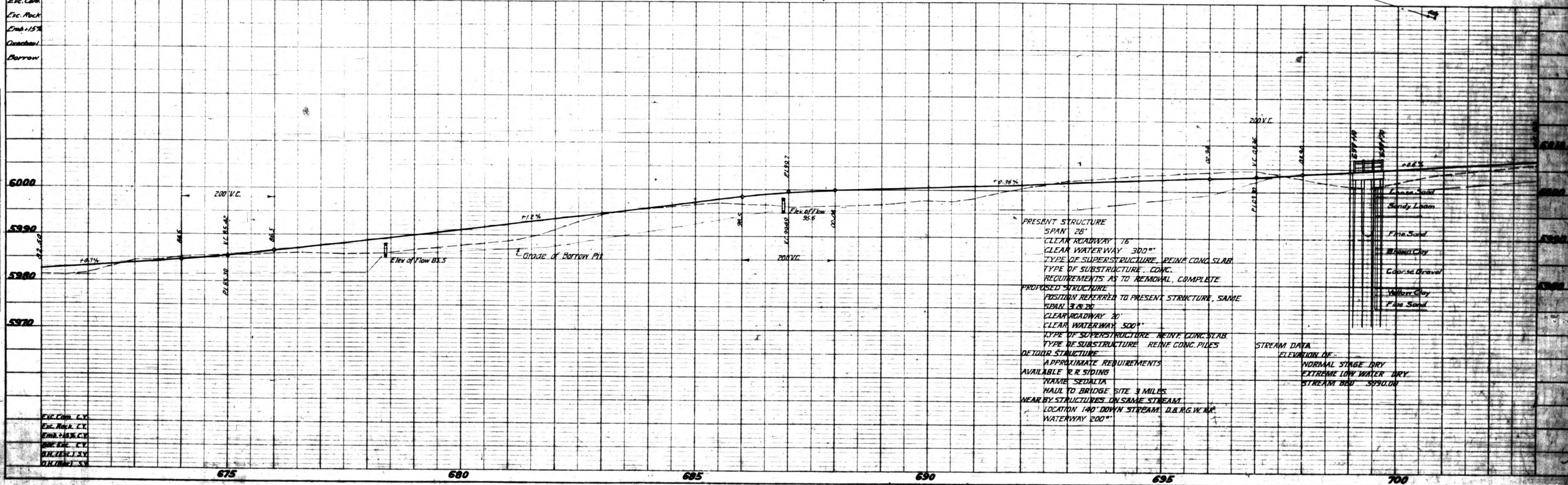


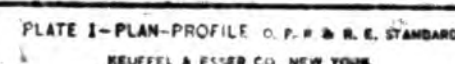
PLATE 1-PLAN-PROFILE Q. P. R. & H. E. STANDARD
KEUFFEL & ESSER CO. NEW YORK.

PLAN	DATE	BY	REVISION
NOTED			
NOTED			
NOTED			



PROFILE	DATE	BY	REVISION
NOTED			
NOTED			
NOTED			



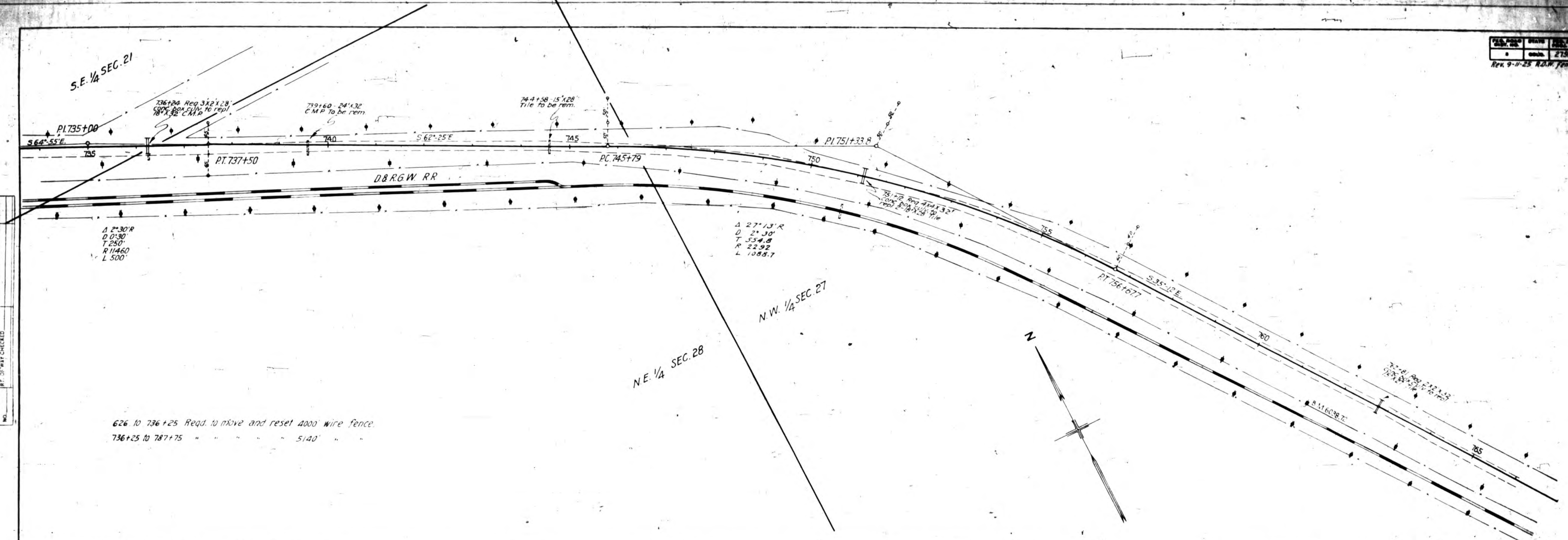


PLAN	DATE	BY	CHKD.

DESIGNED	DATE	BY	CHKD.

NOTED	DATE	BY	CHKD.

NOTE BOOK	DATE	BY	CHKD.

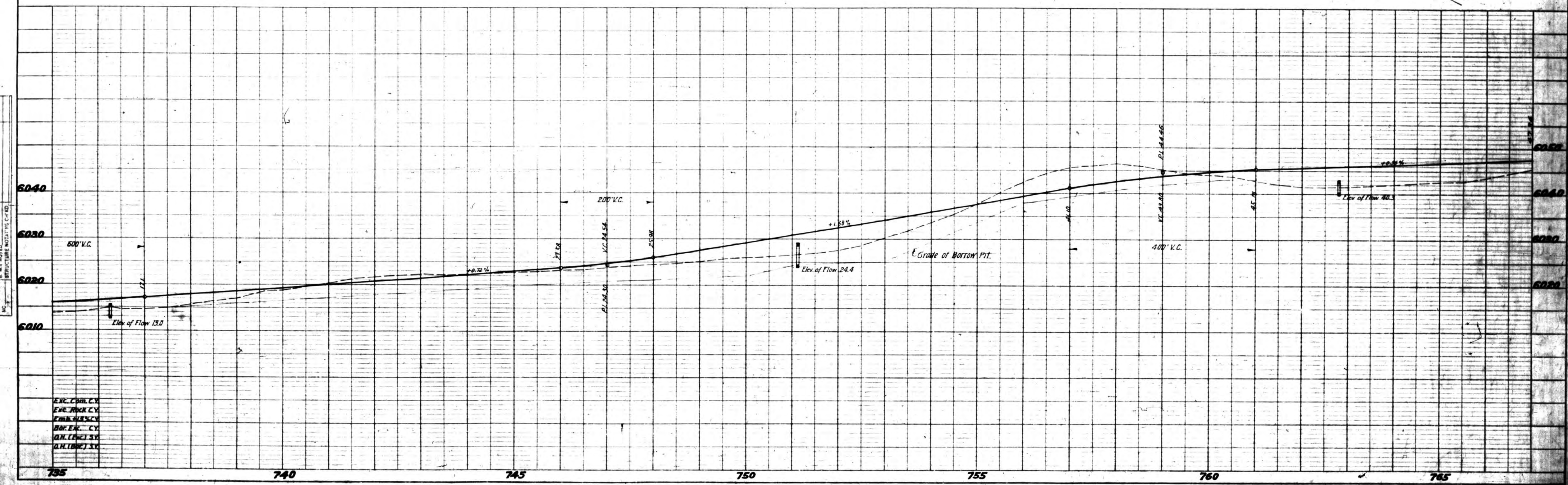


PROFILE	DATE	BY	CHKD.

DESIGNED	DATE	BY	CHKD.

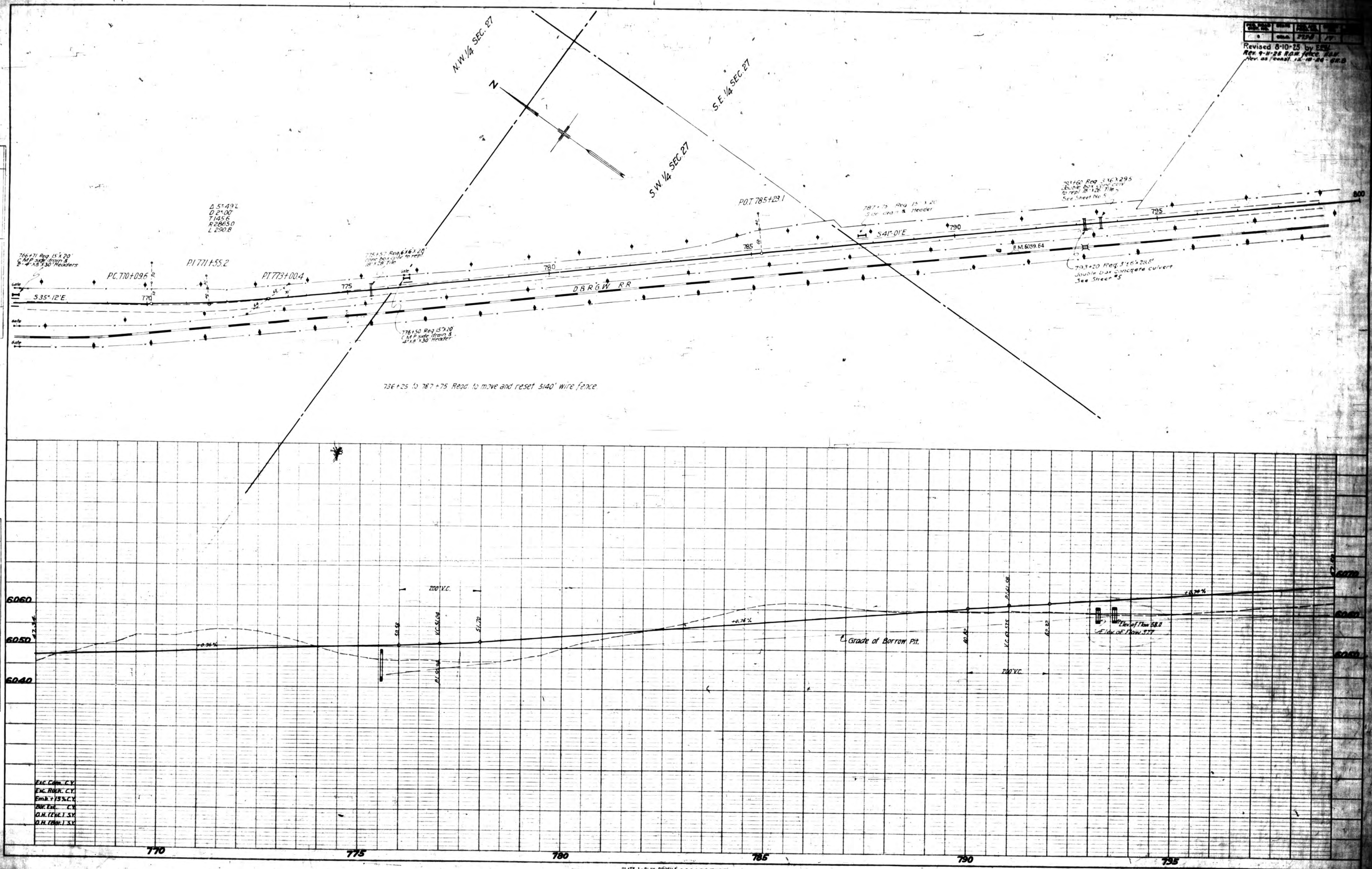
NOTED	DATE	BY	CHKD.

NOTE BOOK	DATE	BY	CHKD.



PLAN	DATE	BY	CHECKED
DESIGNED			
PLOTTED			
NOTE BOOK			
NO.			

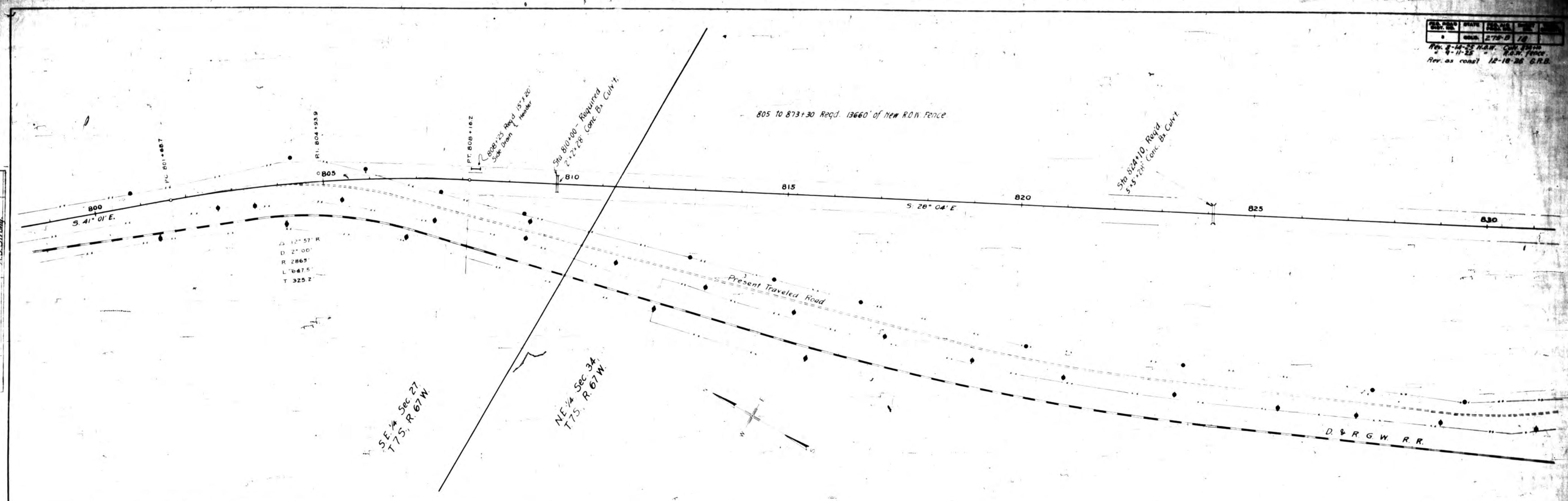
PROFILE	DATE	BY	CHECKED
DESIGNED			
PLOTTED			
NOTE BOOK			
NO.			



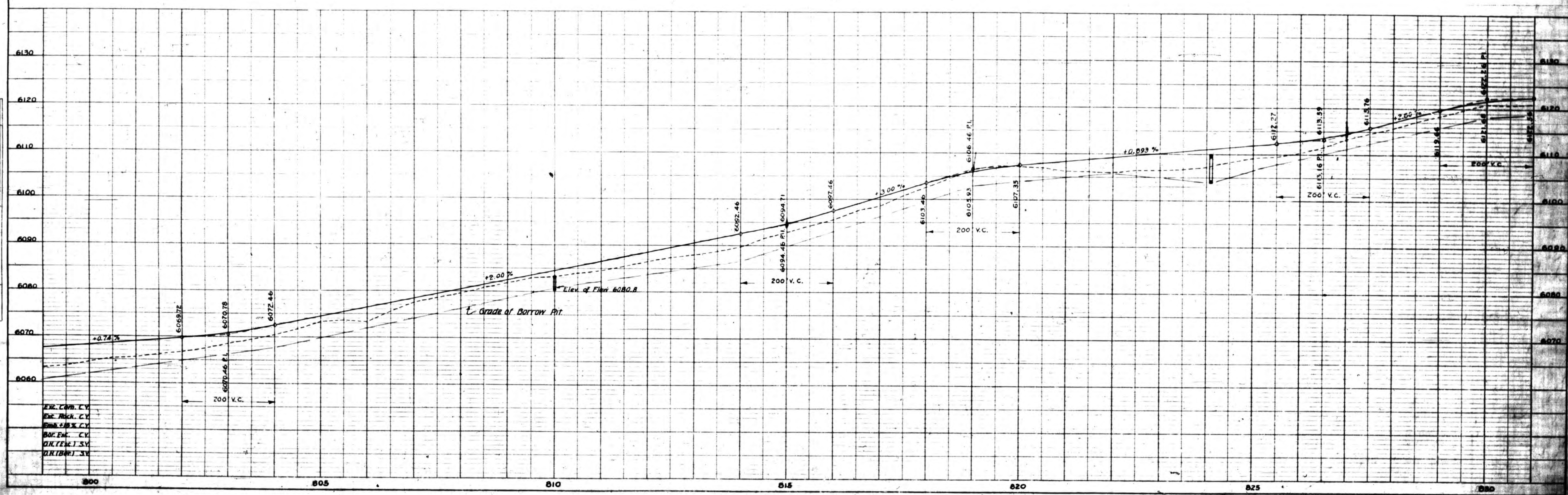
Revised 8-10-25 by EES
 Rev. 9-1-26 R.M. force. R.M.
 Rev. 10-1-26 R.M. force. R.M.

DES. NO. 1000
 DATE 12-10-26
 DRAWN BY J.E. STADCO
 CHECKED BY J.E. STADCO
 REV. AS CORRECTED 12-10-26 G.R.B.

PLAN	DATE	BY	CHECKED
NOTE BOOK	12-10-26	J.E. STADCO	J.E. STADCO
ALIGNED CHECKED			
PT. OF WAY CHECKED			



PROFILE	DATE	BY	CHECKED
NOTE BOOK	12-10-26	J.E. STADCO	J.E. STADCO
GRADES CHECKED			
STRUCTURE NOTING CHECKED			



PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
NO	RT OF WAY CHECKED		
		<i>A. J. Strong.</i>	

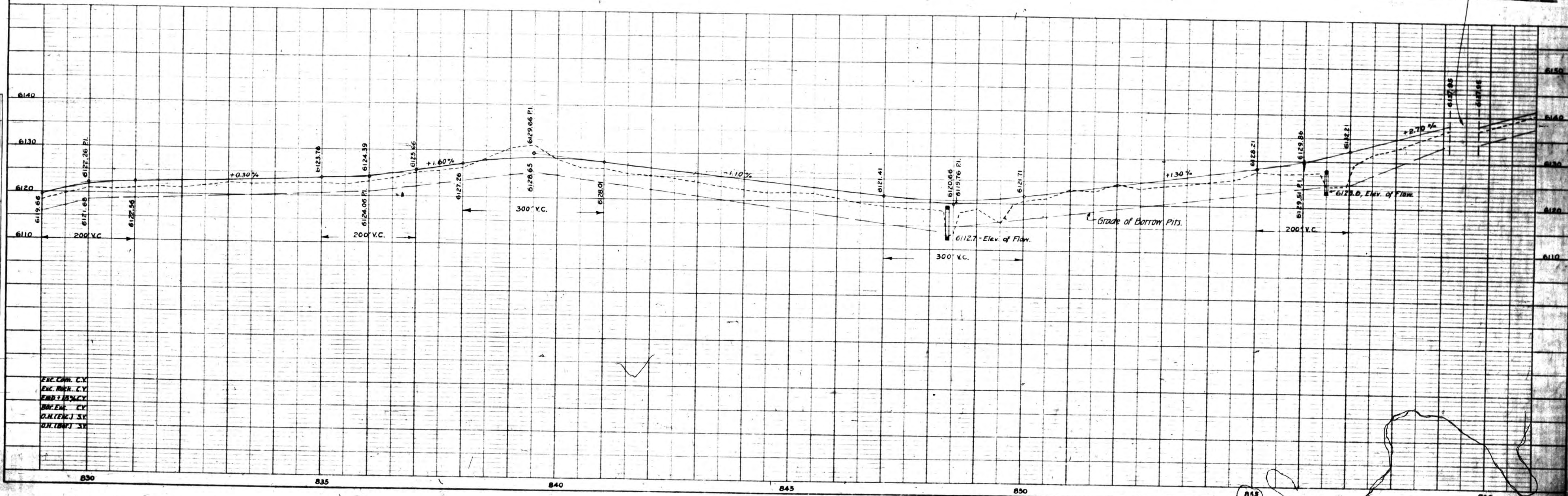


PLATE I - PLAN-PROFILE O. P. R. & R. E. STANDARD
KLUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	PROJECT NO.	SHEET NO.
5	COLO.	275 B	20	

Revised 6-28-52 R.W.D. Bridge
 6-11-52 R.W.D. Project H.A.B.
 Revised as const. 12-18-52 R.W.D.

DATE	BY	REVISION

PLAN
 NOTE BOOK
 NO. 1

APPROVED
 CHECKED
 BY
 A.J. Strong

DATE	BY	REVISION

PROFILE
 NOTE BOOK
 NO. 1

APPROVED
 CHECKED
 BY
 A.J. Strong

