

S.W. SEC. 11, T. 7 N., R. 44 W.

S.E. 4 SEC. 11

NO. 100
REVISED 8-21-32
H. H. M.

Sta 2772+70
Regrd 18 x 30 C.M.P. side drain &
20 cu yds embank for Rd approach

Sta 2772+100
Regrd 24 x 32 C.M.P. Culv. &
11 Howell. Also 20 cu yds
excav for outlet

Sta 2773+100
Regrd 18 x 30 C.M.P. side drain &
20 cu yds embank for Rd approach

N.W. 4 SEC. 14

N.E. 4 SEC. 14

S.E. 4 SEC. 11

S.W. 4 SEC. 12, T. 7 N., R. 44 W.

N.E. 4 SEC. 14

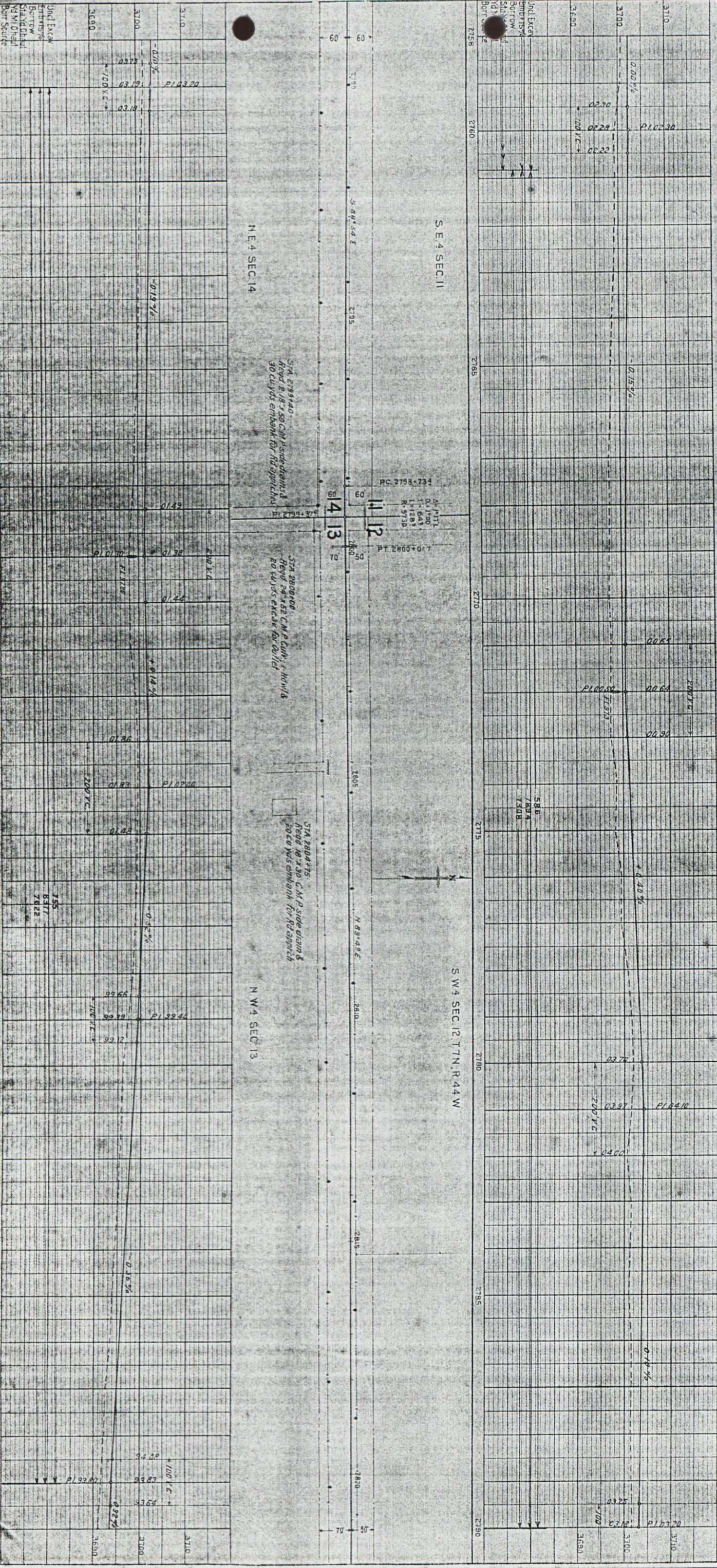
N.W. 4 SEC. 13

PC 2758+73.4
AP 111
D. 1.500
L. 1.643
L. 1.1283
R. 573.0
PT 2800+0.7

Sta 2799+140
Regrd 18 x 30 C.M.P. side drain &
30 cu yds embank for Rd approach

Sta 2800+00
Regrd 24 x 32 C.M.P. Culv. &
20 cu yds excav for outlet

Sta 2804+75
Regrd 18 x 30 C.M.P. side drain &
20 cu yds embank for Rd approach



S.W.4 SEC 12

S.E.4 SEC 12, T.7N, R.44 W

STA 2826+00
Reqd 2-12"x30" C.M.P. side drains &
40 cu yds embank for Rd apprches
Remove pres. side drain left

STA 2844+78 to 2845+027
Reqd 1 Sp @ 23' Pile Ties Br. 30' stem
as per details on Sheet No. 5
Remove present structure.
Sta 2842+52 to 2847+13
Reqd. 904 Lin. Ft. guard fence

PROJ. NO.	STATE	U.S. R.W. H.	SHEET	TOTAL
1	COLO.	N.R.N. 15	15	
Revised 8-27-34 H.W.M.				

BRIDGE DATA
STREAM NAME: Wash
STRUCTURE No: B 28-A
PRESENT STRUCTURE: None
SPAN: 10' 23'
CLEAR ROADWAY: 29'
CLEAR WATERWAY: 140'
TYPE OF SUPERSTRUCTURE: Asphalt Plank Wear Surf
SUBSTRUCTURE: 24 X 30 C.M.P. Tr. Timb Piling
REMOVAL REQUIREMENTS: Remove
DETOUR STRUCT. REQUIRED: No

STREAM DATA
Drainage Area: Holyoke
Elev. Stream Bed: 3670
Drift: None
Stout: 200 Y.C.

NEARBY STRUCTS: SAME STREAM
LOCATION: NONE
WATERWAY: RECORD DURING FLOOD

HAUL TO BRIDGE SITE 5 MI.
RECORD DURING FLOOD

HAUL TO BRIDGE SITE 5 MI.
RECORD DURING FLOOD

HAUL TO BRIDGE SITE 5 MI.
RECORD DURING FLOOD

HAUL TO BRIDGE SITE 5 MI.
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HAUL TO BRIDGE SITE 5 MI.
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HAUL TO BRIDGE SITE 5 MI.
RECORD DURING FLOOD

HAUL TO BRIDGE SITE 5 MI.
RECORD DURING FLOOD

N.W.4 SEC 13

N.E.4 SEC 13, T.7N, R.44 W

STA 2852+79
Reqd 2-12"x30" C.M.P. side drains &
100 cu yds embank for Rd apprches

S.W.4 SEC 7, T.7N, R.43W

S.E.4 SEC 7

STA 2857+10
Reqd 18"x30" C.M.P. side drain &
10 cu yd embank for Rd apprch
Remove present side drain

STA 2860+20
Reqd 18"x30" C.M.P. side drain &
10 cu yds embank for Rd apprch

N.W.4 SEC 18, T.7N, R.43W

N.E.4 SEC 18

-0.32%

-0.28%

+1.00%

-0.89%

-0.60%

-0.20%

-0.60%

S.E. 4 SEC. 17, T. 17N, R. 43W

STA 2884+20
Regrade 18' x 30' C.M.P. side drain
Remove present S. drain
Also regrade 20' curbs embank. for
RD. approach.

2885

2890

S. 69° 13' E

2895

2900

2905

18 17

2910

N. 69° 12' E

S.W. 4 SEC. 8

DATE	1954	BY	U.S. 504
REVISION	02/13/54	BY	16
REVISION	02/13/54	BY	H.W.M.

N.E. 4 SEC. 18, T. 17N, R. 43W

STA 2899+70
Regrade 18' x 30' C.M.P. side drain &
20' curbs embank. for rd approach
Remove present side drain

STA 2906+85
Regrade 2' 18' x 30' C.M.P. side dch
& 60' curbs embank. for 2
road approaches

STA 2909+00
Regrade 18' x 30' C.M.P. side drain &
20' curbs embank. for rd approach
Remove present side drain

N.W. 4 SEC. 17

S.W. 4 SEC. 8, T. 17N, R. 43W

2882

2890

2895

2900

2905

2910

2915

S.E. 4 SEC. 8

STA 2933+35
Regrade 18' x 30' C.M.P. side drain &
20' curbs embank. for rd approach

STA 2945+00
Regrade 30' x 54' C.M.P. culch &
1' humph. ALSO 20' curbs ex
C.V. 100' gutter

N.W. 4 SEC. 17

N.E. 4 SEC. 17

3560

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3900

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3940

3950

3960

3970

3980

3990

4000

4010

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4090

4100

4110

4120

4130

4140

4150

4160

4170

4180

4190

4200

4210

4220

4230

4240

4250

4260

4270

4280

4290

4300

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4320

4330

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4370

4380

4390

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66

S E 4 SEC 8 T 7 N R 43 W

STA 2937+00
Reqd 24 x 24 C.M.P. Culvert
& Headwall. Also 10 cu yds
excav for outlet

S W 4 SEC 9

Revised 8-21-94
U.S. F.A.M. 17
N.H.M.

N E 4 SEC 17

COUNTY ROAD

STA 2940+10
Road 24 x 24 C.M.P. side ditch &
60 cu yds embank for Rd approach.
Remove present side drain.

STA 2965+20
Road 10 cu yds embank for
Rd approach. Remove old S.D.

N W 4 SEC 16

STA 2975+00
Reqd 24 x 24 C.M.P. Culvert &
20 cu yds excav for channel
improvement

S W 4 SEC 9

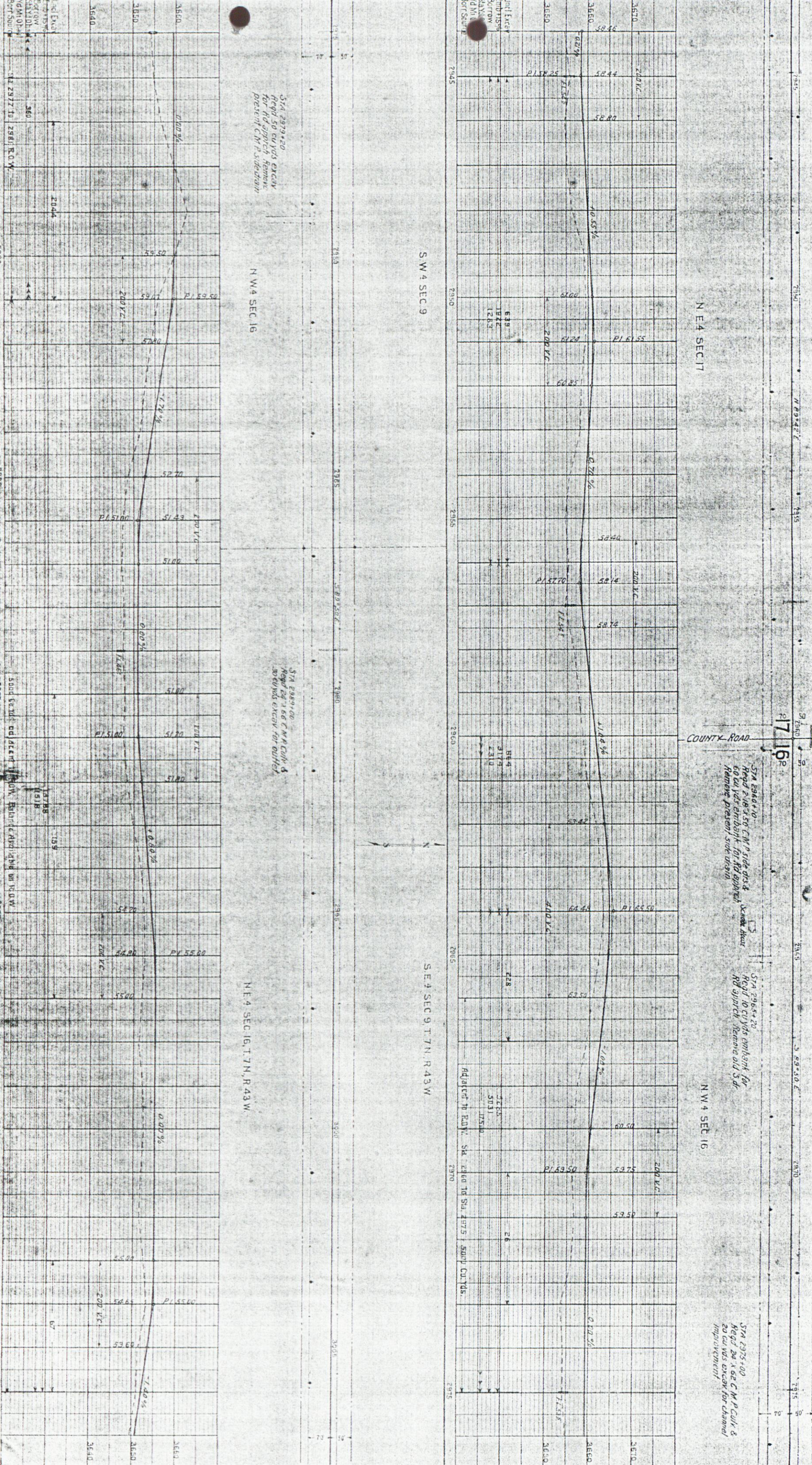
S E 4 SEC 9 T 7 N R 43 W

STA 2979+20
Reqd 50 cu yds excav
for Rd approach. Remove
present C.M.P. side drain

N W 4 SEC 16

STA 2989+00
Reqd 24 x 24 C.M.P. Culvert &
30 cu yds excav for outlet

N E 4 SEC 16 T 7 N R 43 W



STA 3012+95
Reed 18" x 30 C MP side drain
10 cu yds embank for Rd approach

1516

STA 3013+29
Reqd 18 x 50 C.M.P side drain &
20 cu yds embank for Rd approach

STA. 3033+00
Reqd 24" x 54" C.M.P. Culv. &
1-headwall. Also 10 cu yds
excav for outlet.

STA 3036+75
Heqd 18 x 30 C.M.P side dr &
10 cu yds embank for hd approach
left

1	COLORADO	USDA	1935	18
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S.W 4 SEC. 11

NE 4 SEC 15. T 7 N. R 43 W

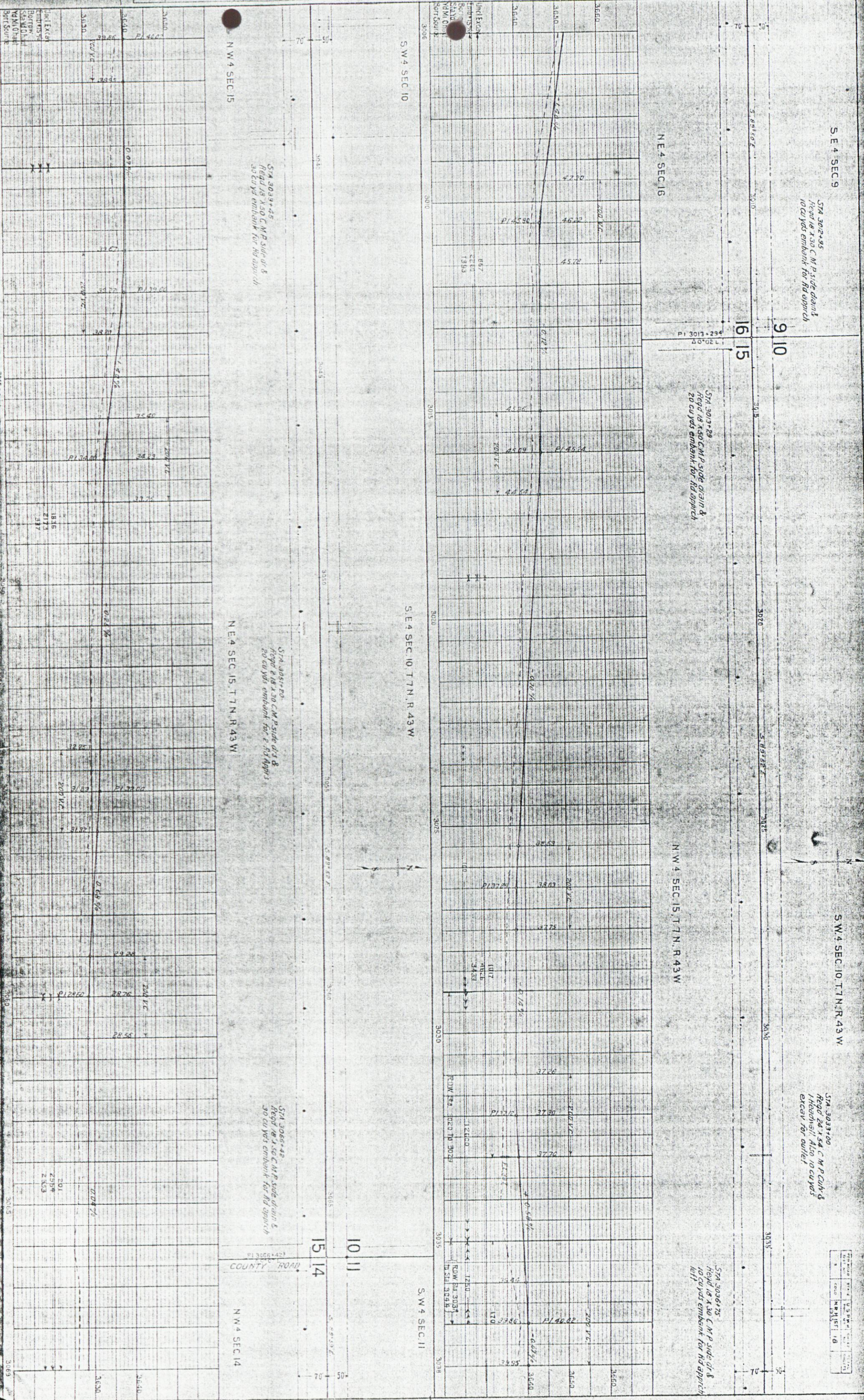
NW 4 SEC. 14

STA. 3039+45
Reed 18" x 50 C.M.P. side of &
30 cu yd embank for Hd approach

STA 3051+EO
Recd & is x 30 CM P Side dis &
20 cu yds embank for & Rd Appro

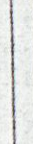
STA 3066+42
Regd 18'1.50 C.M.P. side drain &
30 cu yds embank for Rd approach

FI 3066-428
COUNTY ROAD



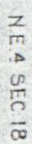
STA 3203+45.
Reqd 30 cu yds embank
for Rd approach.

1	10000	U.S. GOV. SEC. 10	TOTAL SEC. 10
2	10000	U.S. GOV. SEC. 10	TOTAL SEC. 10



STA 3234+30
Reqd 2' 18" x 50' C.M.P. side drains &
100 cu yds embank for Rd approaches

STA 3250+00
Reqs 36 x 60C MP Cell &
1 HD wall. Also 25 cu yds ex
car for ditch.



NW4 SEC. 17, T7N, R42W

INDEX OF SHEETS	
SHEET NO.	TITLE SHEET
1	TYPICAL SECTION & SUMMARY
2	DETAILS OF BRIDGE AT STA 2616+
3	2621+
4	2624+
5	2627+
6	STANDARD SUPERELEVATION SHEET
7	FENCES & MARKERS
8	CULVERT HEADWALLS
9	GUARD FENCE
10	INTERLOCKING CULVERTS
11	PLAN & PROFILE SHEETS
12	23-29-30-31-32-33
M-1-A	
M-2-A	
M-102-E	
M-20-G	
M-107-A	

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

U.S.P.W.H. PROJECT N.R.H.15-F (1935)

STATE HIGHWAY NO. 14

PHILLIPS COUNTY

SCALES

ON PLAN. 1 IN. = 100 FT.

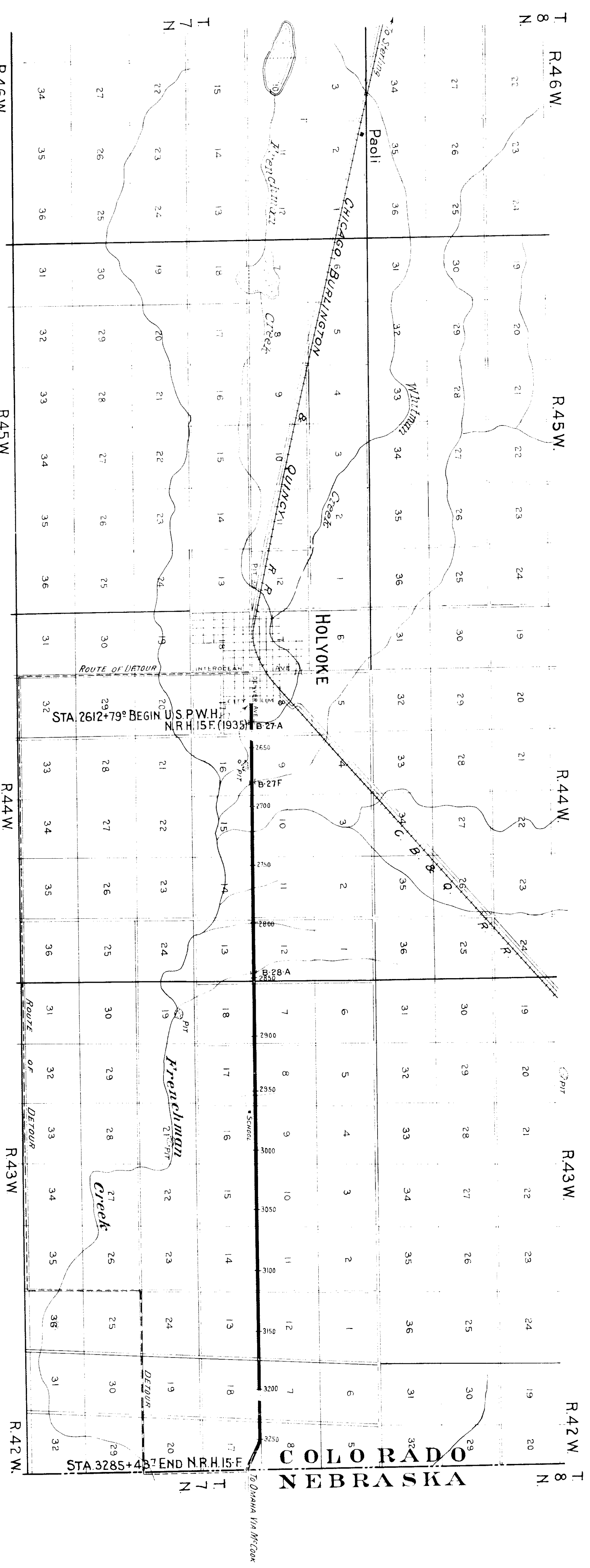
ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT } 67,272.7' = 12.741 MI.

NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS	
CENTER LINE OF SURVEY	_____
RIGHT OF WAY LINE	_____
STATE LINE	_____
TOWNSHIP LINE	_____
SECTION LINE	_____
ONE QUARTER SECTION LINE	_____
RAILROADS	_____
BARBED WIRE FENCE	_____
PICKET SNOW FENCE	_____
WIRE CABLE GUARD FENCE	_____



Scale 1 inch = 1 mile

RECOMMENDED FOR APPROVAL 8/17/34

APPROVED *William H. McGraw*
ASSISTANT ENGINEER

RECOMMENDED FOR APPROVAL *Charles H. Davis*
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

TYPICAL SECTION

The thickness of the gravel base course of surfacing is to be considered approximately 12" above subgrade on center line.

The Detour to be constructed by the Contractor shall be built in accordance with the typical section shown above. Quantities involved are as follows:

GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department, adopted in 1930. All quantities on preliminary plans are to be considered approximate only.

All curves are to be super-elevated and widened as provided for by the Standard Super-elevation sheet.

All roadway excavations required to construct this project are 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 profile as "Bottom" or on list of structures as "Embankment," are to be classified and paid for as "Unclassified Excavation."

These quantities are to be stated as part of the original estimate of the project. Quantities shown as "to be removed by the Contractor" are to be stated as "to be removed by the Contractor."

The entire project is to be cleared for the full width of the right of way, and the cost thereof is to be included in the lump sum price for clearing and grubbing the entire project.

All poles encroaching on construction are to be removed by the owner.

Except as limited by the special provisions, power equipment may be used on this project.

The Contractor shall have his own expense construct and maintain in good condition all temporary approaches to and crossings of the project.

FENCING REQUIREMENTS

ROWMARKERS

STATIONS	SIDE	From Fence Lin Ft	From Bldg Comb Fen	Build B.W. Lin Ft	Build Comb Fen Lin Ft
2612+30 to 2626+10	R&L	2612	2626	2640	
2626+10 to 2633+00	L	2626	500		
2633+00 to 2645+10	L	2645		2390	
2645+10 to 2653+45	R	5000		5045	
2653+45 to 2661+10	L	1160			90
2661+10 to 2674+30	R&L	2661	2785	2530	
2674+30 to 2684+15	R	5340	5265	5265	
2684+15 to 2694+12	R	10810	10840	10840	
2694+12 to 2702+45	R&L	2702	2730	2730	
2702+45 to 2710+30	R	2795	5350	5350	
2710+30 to 2719+17	L	4390		385	
2719+17 to 2731+52	L	5340		5265	
2731+52 to 2739+45	R	3330			
2739+45 to 2747+10	R	2635		2630	
2747+10 to 2756+10	L	297		660	
2756+10 to 2765+10	R	4660			
2765+10 to 2774+30	R	5370			
2774+30 to 2783+10	L	360			
2783+10 to 2792+10	L	5085			
2792+10 to 2801+10	R	5310			
2801+10 to 2810+10	L	375			
2810+10 to 2819+10	R&L	12510			
2819+10 to 2828+10	R	8000			
2828+10 to 2837+10	L	3170			
2837+10 to 2846+10	L	1925			
2846+10 to 2855+10	L	190			
2855+10 to 2864+10	L				
2864+10 to 2873+10	L				
2873+10 to 2882+10	L				
2882+10 to 2891+10	L				
2891+10 to 2900+10	L				
2900+10 to 2909+10	L				
2909+10 to 2918+10	L				
2918+10 to 2927+10	L				
2927+10 to 2936+10	L				
2936+10 to 2945+10	L				
2945+10 to 2954+10	L				
2954+10 to 2963+10	L				
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2972+10 to 2981+10	L				
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2990+10 to 2999+10	L				
2999+10 to 3008+10	L				
3008+10 to 3017+10	L				
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3071+10 to 3080+10	L				
3080+10 to 3089+10	L				
3089+10 to 3098+10	L				
3098+10 to 3107+10	L				
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3233+10 to 3242+10	L				
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4313+10 to 4322+10	L				
4322+10 to 4331+10	L				
4331+10 to 4340+10	L				
4340+10 to 4349+10	L				
4349+10 to 4358+10	L				
4358+10 to 4367+10	L				
4367+10 to 4376+10	L				
4376+10 to 4385+10	L				
4385+10 to 4394+10	L				
4394+10 to 4403+10	L				
4403+10 to 4412+10	L				
4412+10 to 4421+10	L				
4421+10 to 4430+10	L				
4430+10 to 4439+10	L				
4439+10 to 4448+10	L				
4448+10 to 4457+10	L				
4457+10 to 4466+10	L				
4466+10 to 4475+10	L				
4475+10 to 4484+10	L				
4484+10 to 4493+10	L				
4493+10 to 4502+10	L				
4502+10 to 4511+10	L				
4511+10 to 4520+10	L				
4520+10 to 4529+10	L				
4529+10 to 4538+10	L				
4538+10 to 4547+10	L				
4547+10 to 4556+10	L				
4556+10 to 4565+10	L				
4565+10 to 4574+10	L				
4574+10 to 4583+10	L				
4583+10 to 4592+10	L				
4592+10 to 4601+10	L				
4601+10 to 4610+10	L				
4610+10 to 4619+10	L				
4619+10 to 4628+10	L				
4628+10 to 4637+10	L				
4637+10 to 4646+10	L				
4646+10 to 4655+10	L				
4655+10 to 4664+10	L				
4664+10 to 4673+10	L				
4673+10 to 4682+10	L				
4682+10 to 4691+10	L				
4691+10 to 4700+10	L				
4700+10 to 4709+10	L				
4709+10 to 4718+10	L				
4718+10 to 4727+10	L				
4727+10 to 4736+10	L				
4736+10 to 4745+10	L				
4745+10 to 4754+10	L				
4754+10 to 4763+10	L				
4763+10 to 4772+10	L				
4772+10 to 4781+10	L				
4781+10 to 4790+10	L				
4790+10 to 4799+10	L				
4799+10 to 4808+10	L				
4808+10 to 4817+10	L				
4817+10 to 4826+10	L				
4826+10 to 4835+10	L				
4835+10 to 4844+10	L				
4844+10 to 4853+10	L				
4853+10 to 4862+10	L				
4862+10 to 4871+10	L				
4871+10 to 4880+10	L				
4880+10 to 4889+10	L				
4889+10 to 4898+10	L				
4898+10 to 4907+10	L				
4907+10 to 4916+10	L				
4916+10 to 4925+10	L				
4925+10 to 4934+10	L				
4934+10 to 4943+10	L				
4943+10 to 4952+10	L				
4952+10 to 4961+10	L				
4961+10 to 4970+10	L				
4970+10 to 4979+10	L				
4979+10 to 4988+10	L</				

ONE SPAN OF SUPERSTRUCTURE

Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

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Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

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Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

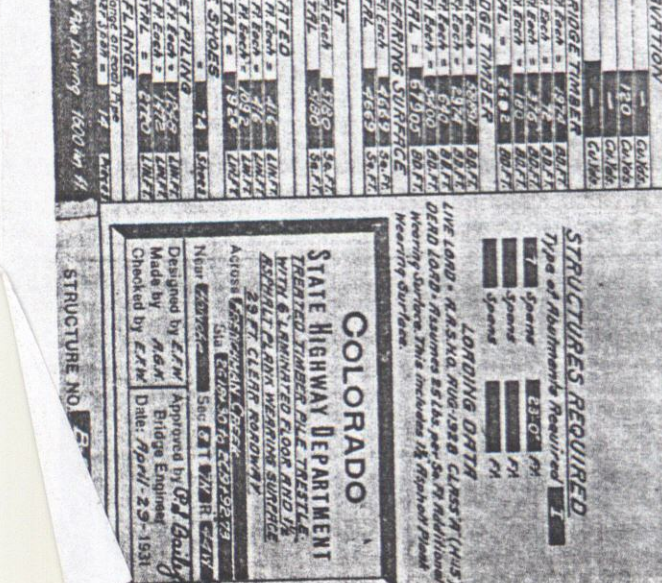
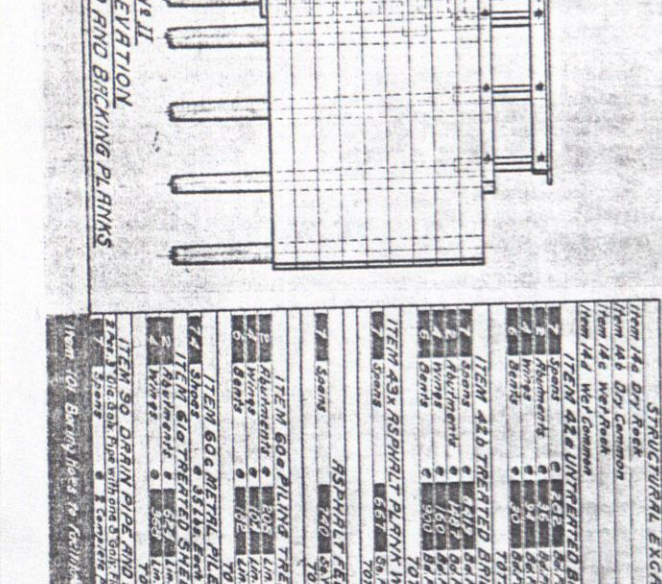
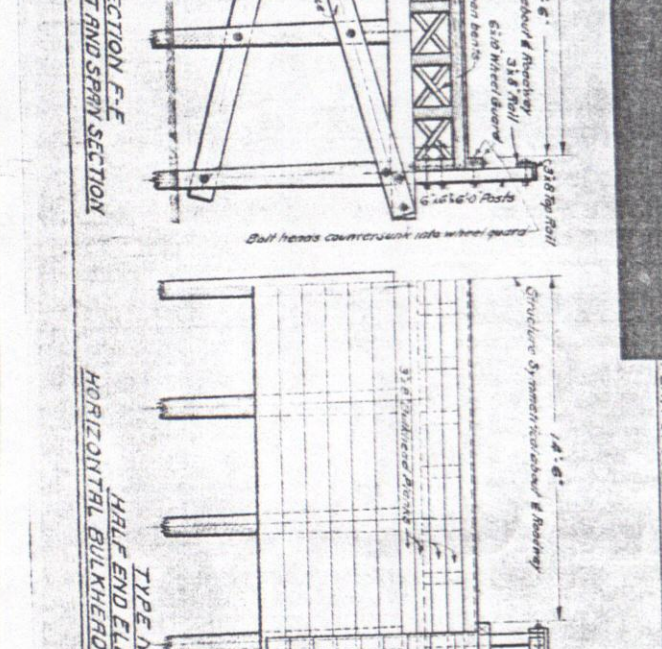
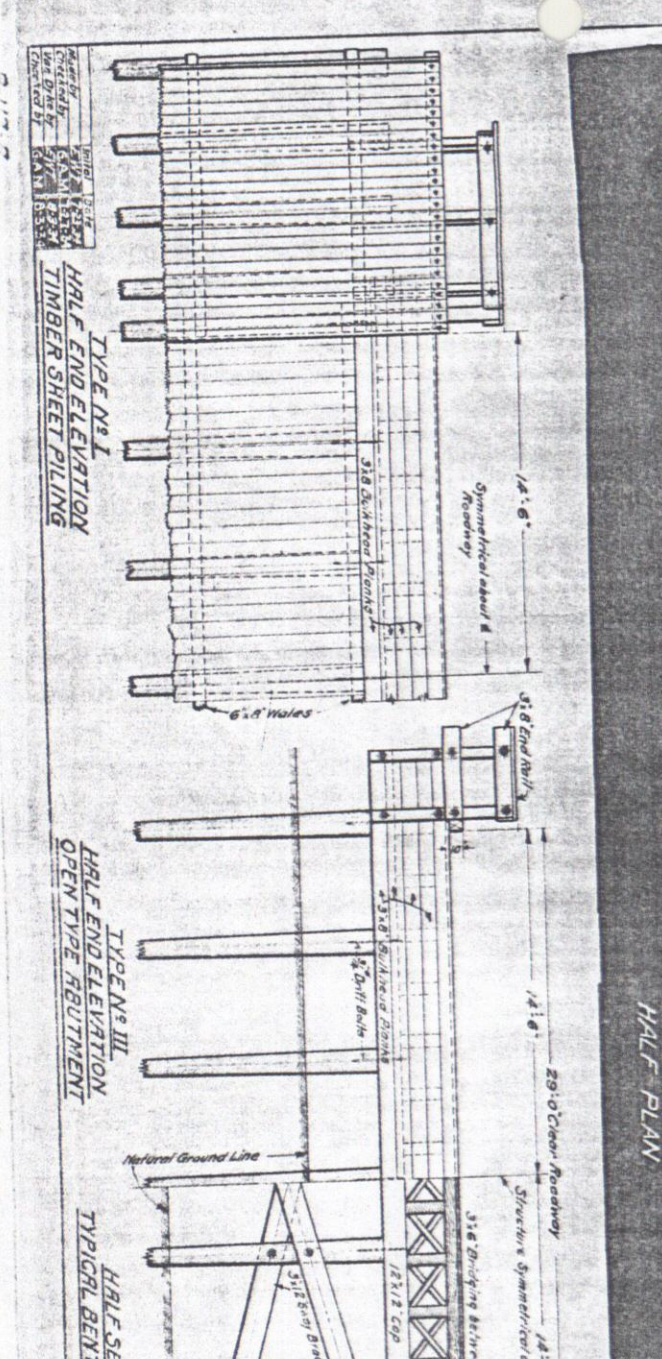
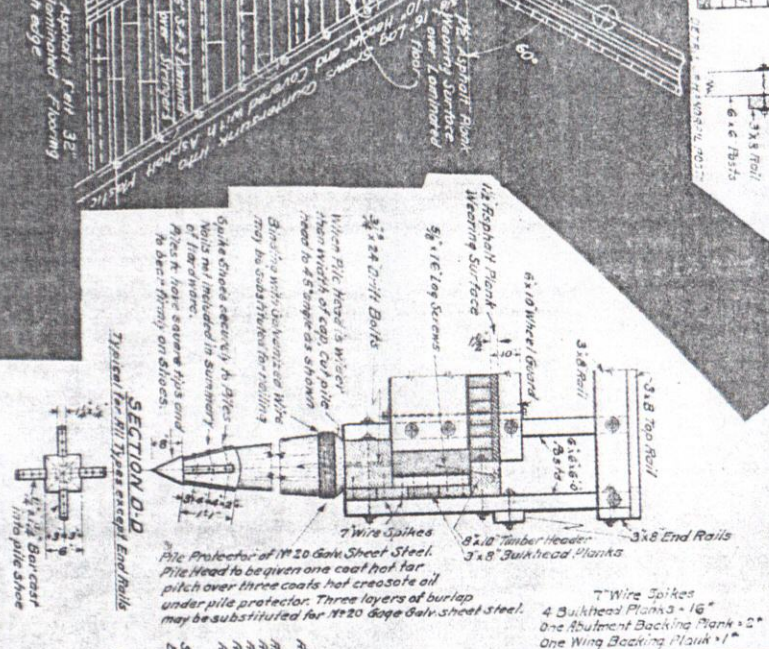
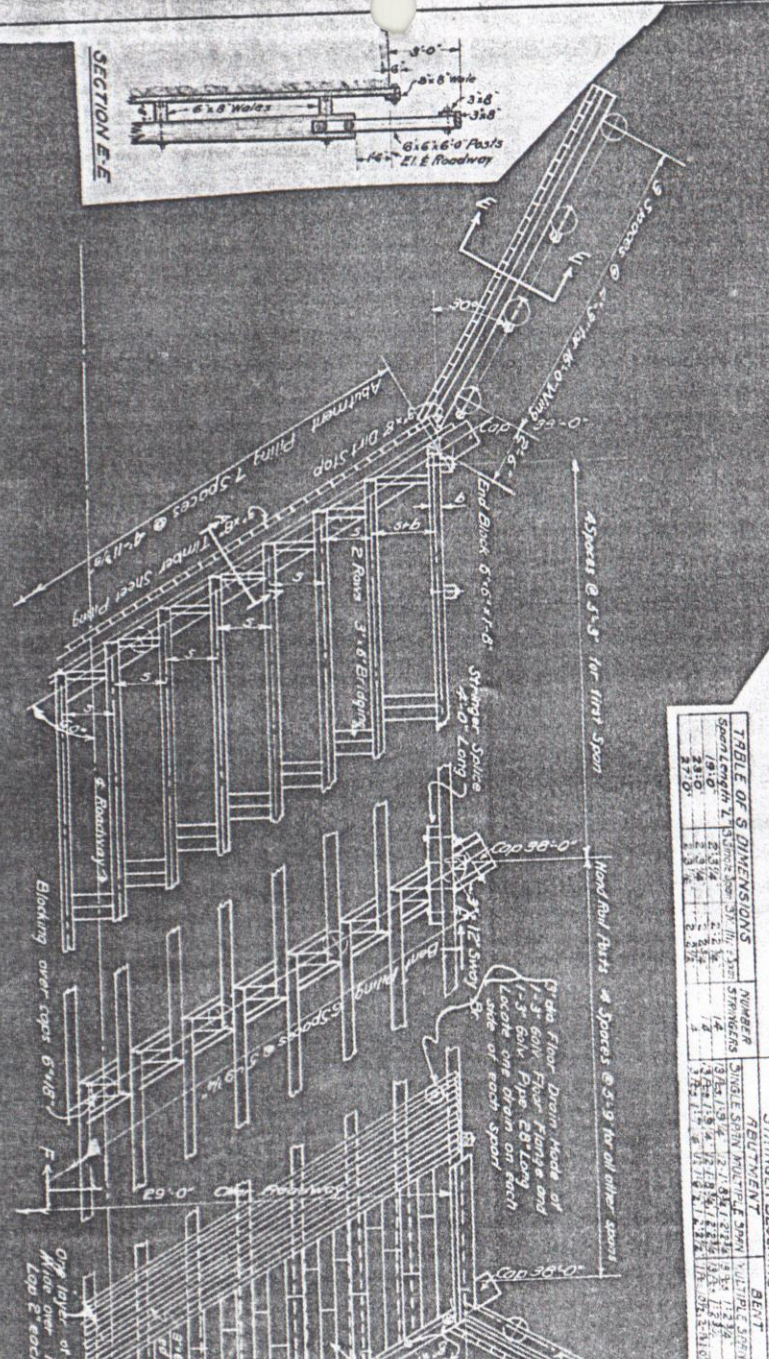
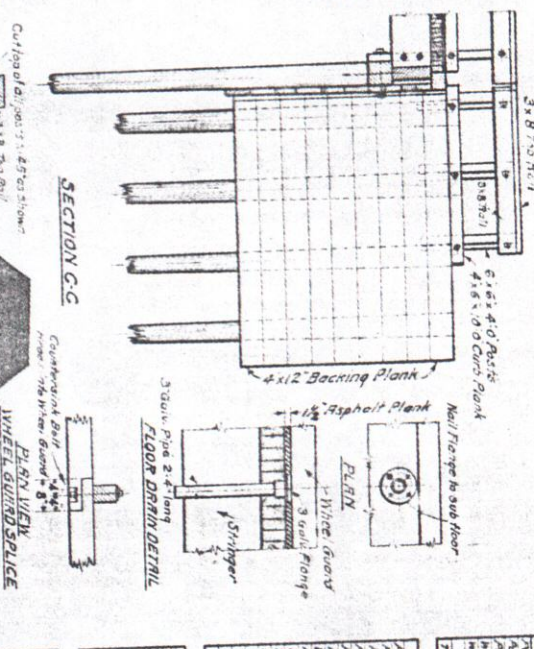
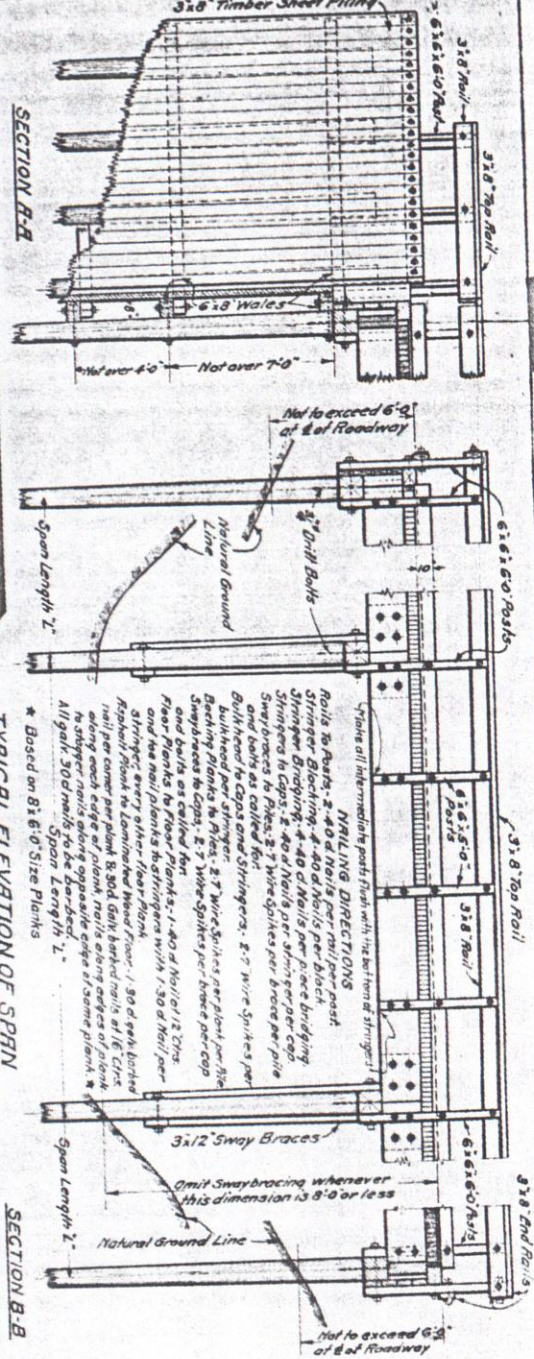
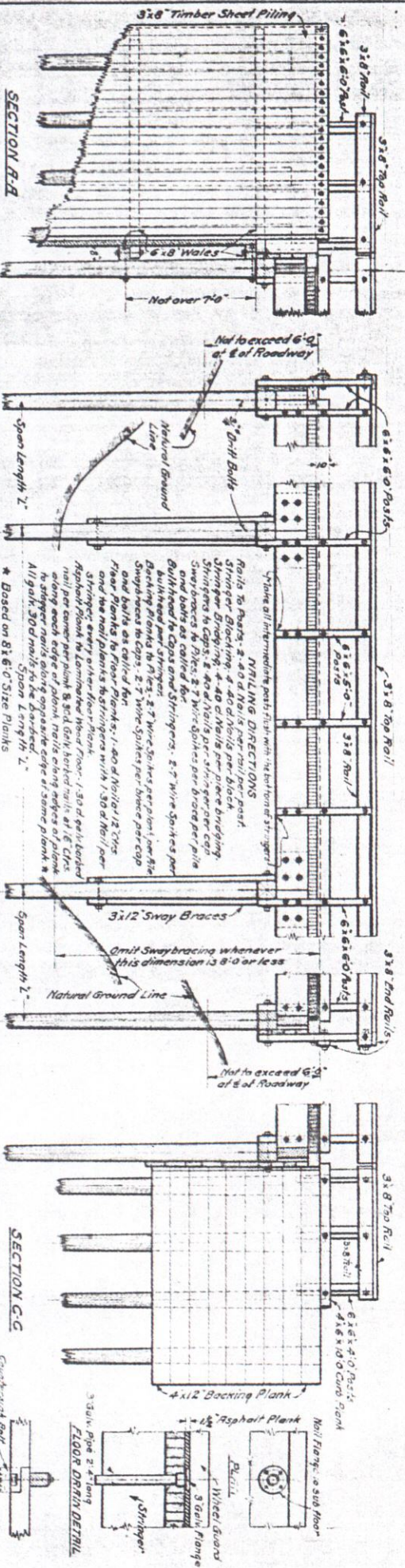
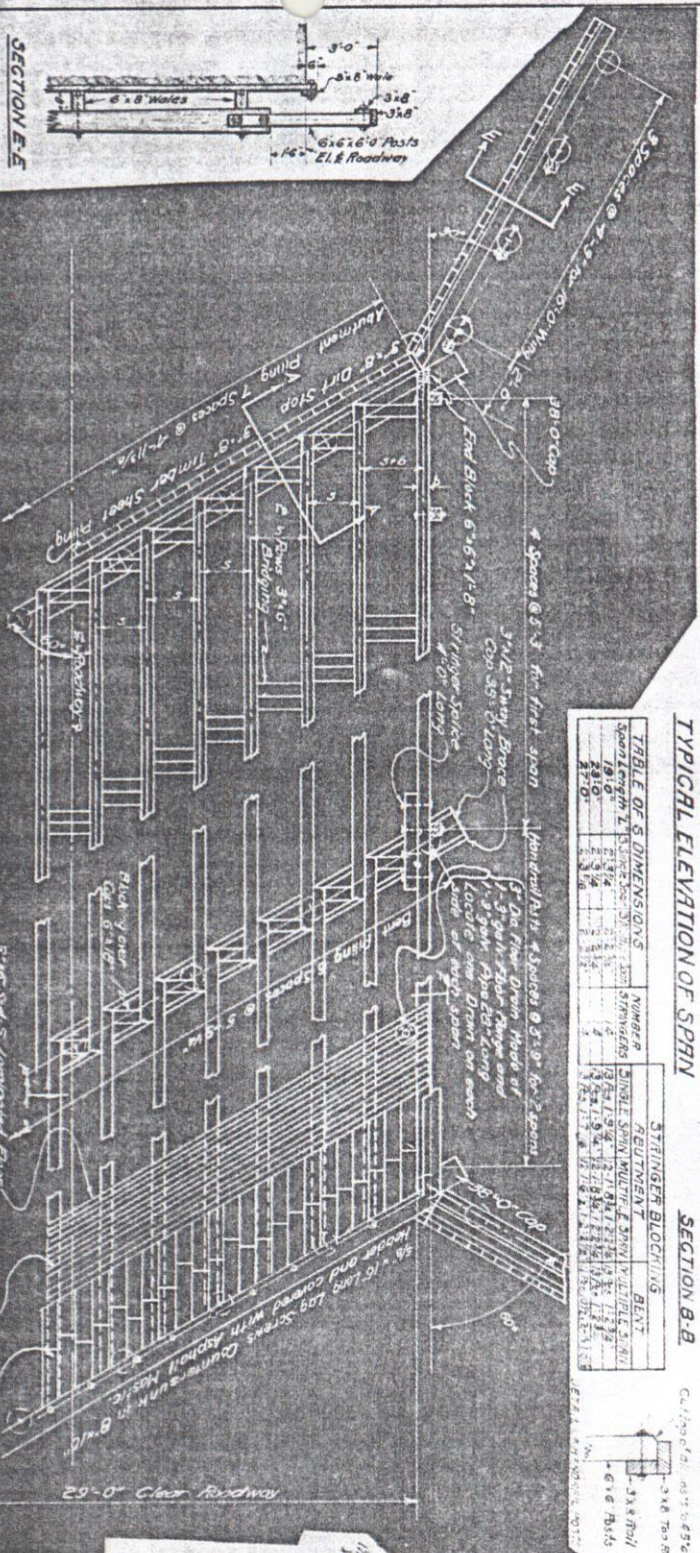
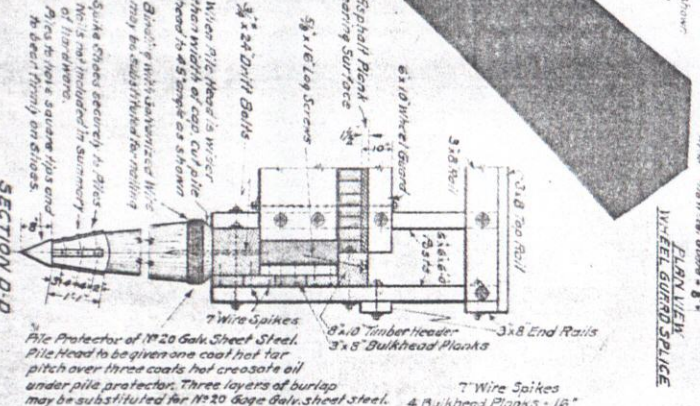
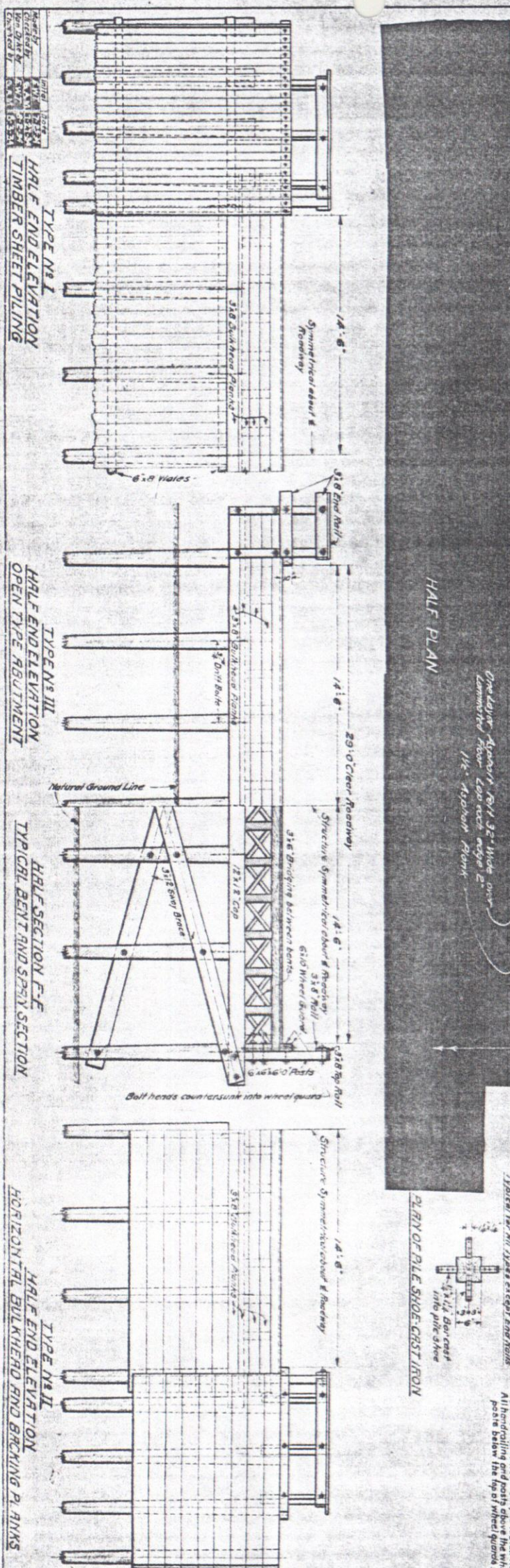
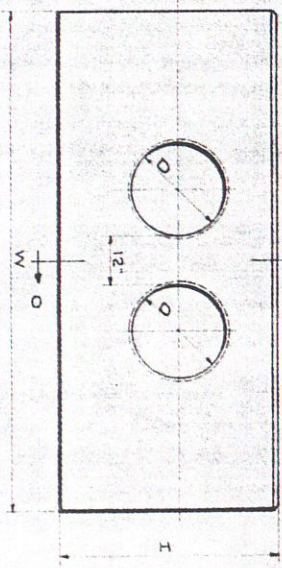


Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

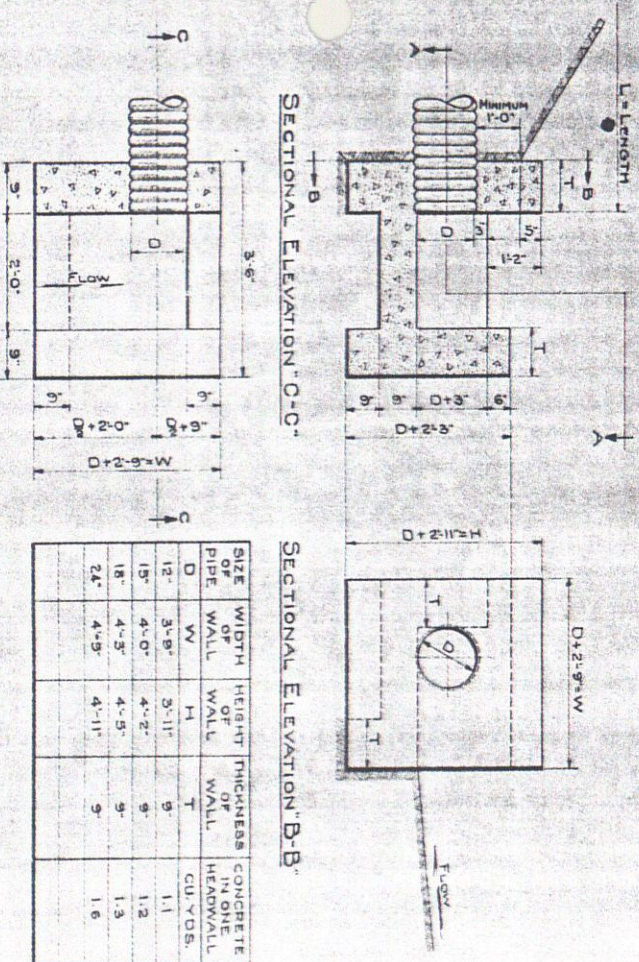
Table with 2 columns: Item, Quantity. Includes items like Untreated Timber, Treated Timber, and various structural components.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]



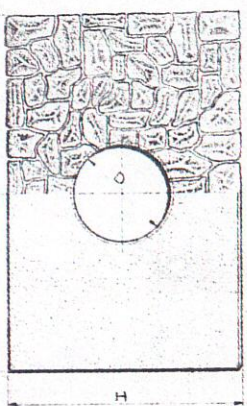
FRONT ELEVATION

STD. HEADWALLS FOR DOUBLE CORRUGATED METAL PIPE CULVERTS.

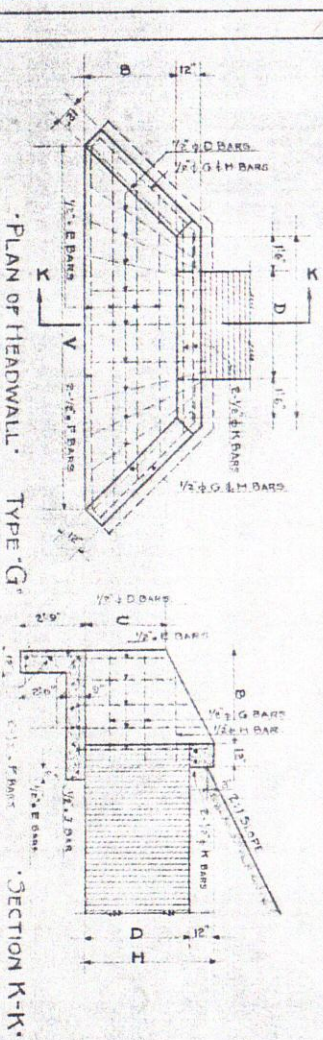


INTERCEPTING HEADWALLS.

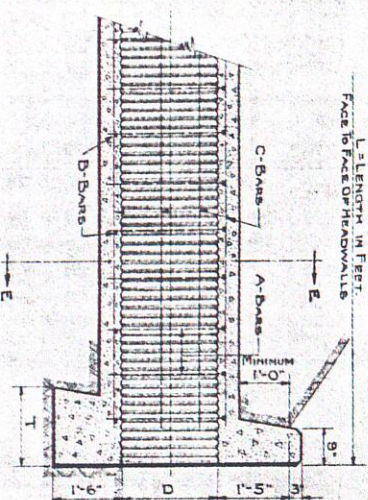
SIZE OF PIPE	WIDTH OF WALL	HEIGHT OF WALL	THICKNESS OF WALL	CONCRETE IN ONE CU YDS.
D	W	H	T	
12	3-8"	3-11"	9	1.1
15	4-0"	4-2"	9	1.2
18	4-5"	4-5"	9	1.3
24	4-9"	4-11"	9	1.6



Types "A" & "B"

[illegible]

SECTION K-K.



SECTIONAL ELEVATION "E-E"

[illegible]

TABLE OF DIMENSIONS & QUANTITIES FOR INCASED PIPE CULVERT

SPECIAL NOTES

MINIMUM DISTANCE FROM END OF CONCRETE SHALL BE 2'-
PIPE SHALL BE THOROUGHLY CLEANED BEFORE INCASING WITH CONCRETE

INCASED PIPE CULVERTS.

GENERAL NOTES FOR ALL STRUCTURES

1. ALL WORK SHALL BE DONE ACCORDING TO THE STANDARD SPECIFICATIONS OF THE MISSOURI DEPARTMENT OF TRANSPORTATION, ADOPTED JAN. 1, 1950.
2. ALL CONCRETE SHALL BE OF THE GRADE OF 3000 P.S.I. MINIMUM, AS CLASS B.
3. ALL EXPOSED SURFACES SHALL BE FINISHED PER A. 2.7 PAGE.
4. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED BEFORE FRESH CONCRETE IS POURED.
5. ALL WALLS SHALL HAVE FORMS ON BOTH SIDES.
6. ALL REINFORCING BARS SHALL BE FUSED OR SQUARED, AS SHOWN & NOTED.
7. ALL REINFORCING BARS SHALL BE TAGGED WITH THE STATION NUMBER.
8. ALL REINFORCING PROVISIONS SHALL BE GIVEN A LAP OF 50 DIAMETERS.
9. MINIMUM FILL OVER TOP OF CURBWAYS SHALL BE 10".
10. MINIMUM FILL OVER TOP OF CURBWAYS SHALL BE 10".
11. WHEN CURBWAY IS SHOWN HANDWAYS SHALL BE PLACED PARALLEL TO E. OF ROADWAY FOR SIZE AND LOCATION OF CURBWAYS SEE SHEET NO. 2.
12. FOOTINGS IN ROCK SHALL BE POURED OUT TO THE ROCK AND NOT FORMED.

GENERAL NOTES FOR ALL STRUCTURES

ADW 11

REVISED 10-24-88 A.A.K. Corrected Gauge on 26 to 36" Type D Culvert	110 / 1000 U.S.T. No.	STATE	F.D. AID PROJ. No.	BHKT. No.	TOTAL SHEETS
3	COLO.	26	6		

Revised 10/24/23, A.S.K. Corrected Gauge on 24/8/36 Type C Culvert.

PLAN	SUPREVED	EV	DATE
NOTE BOOK	REFIELD		
NO.	ALIGNMENT CHANGED		
	REPAIR WAS ORDERED		

S.E. 4 SEC. 8

STA 2639+20-
Regd 18' x 30' C.M.P. side drain
& 30 cu yds embank for road
approch

18.9

STA 2640+75
Regd 18' x 30' C.M.P. side drain &
20 cu yds embank for Rd approach

Borrow Available

S.W. 4 SEC. 9

STA 2657+20-
Regd 36' x 52' C.M.P. Culv &
1- Headwall. Also 20 cu yds
excav for channel change

ROAD	STATE	U.S.P.W.H.	SHEET	TOTAL
DIST NO.	NO.	NO.	NO.	SHEETS
1	1	NRH 151	12	
Revised 8-21-34				H.W.M.

N.E. 4 SEC. 17

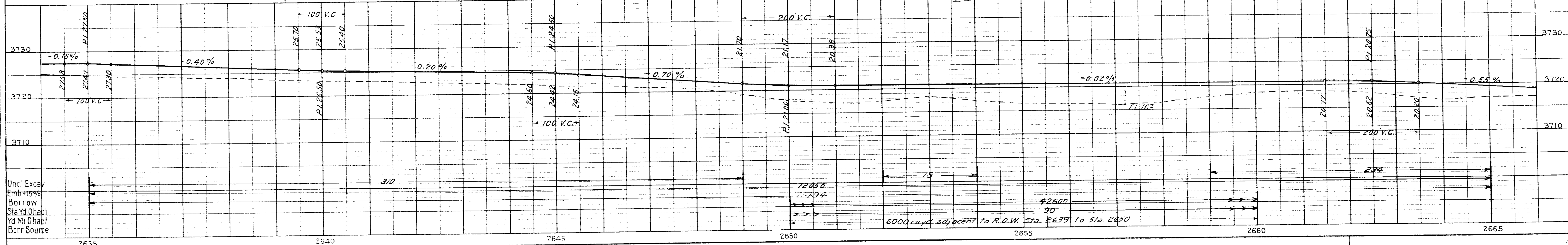
STA 2639+30
Regd 18' x 30' C.M.P. side drain &
30 cu yds embank for Rd approach
Remove present side drain
STA 2639+80-
Regd 18' x 30' C.M.P. side drain &
20 cu yds embank for Rd approach

N.W. 4 SEC. 16, T. 7 N., R. 44 W.

Frenchman Creek

STA 2666+00-
Regd 18' x 30' C.M.P. side dr. Left
& 10 cu yds embank for Rd
approch

PLAN
SURVEYED
NOTED
NO.



STA 2667+05
Regd 18' x 30' C.M.P. side drain &
10 cu yd embank for Rd approach
Remove present side drain

STA 2681+14.75 to 2681+85.48
Regd 3' Sp @ 23' Trid limb pile
Trestle Bridge, as per details on
Sheet No. 4. Remove old Struct.
Also Regd 5000 Cu Yds. Exc. for Channel change
1241 Cu Yds. to be used to dam off old Channel
3739 Cu Yds. to be used in roadway embankment

S.E. 4 SEC. 9, T. 7 N., R. 44 W.

Sta. 2680 + 30% to Sta. 2682 + 69%
Reqd. 264 linear ft. Guard fence

S.W. 4 SEC. 10

STA 2692+75-
Regd 2-18' x 50' C.M.P. side drains &
20 cu yds emb for Rd approaches

9.10

16.15

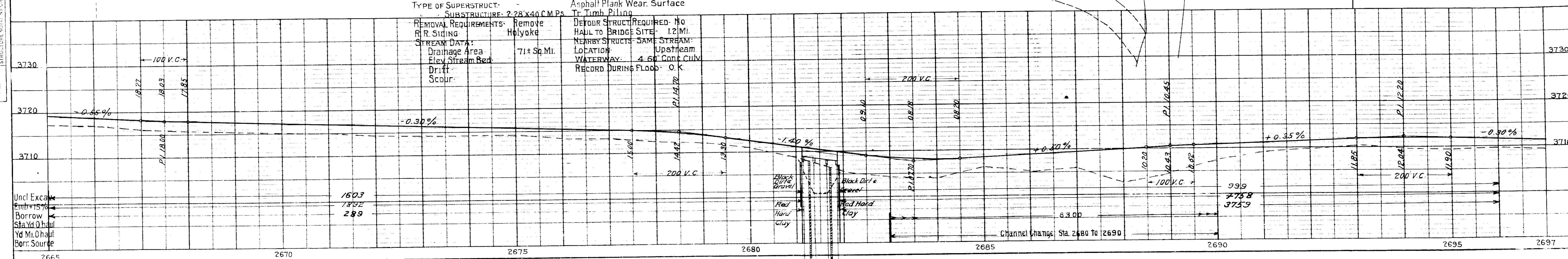
STA 2666+25-
Regd 18' x 30' C.M.P. side drain &
10 cu yds embank for Rd approach
Remove present side drain

BRIDGE DATA
STREAM NAME- STA. 2681+14.75 to 2681+85.48
STRUCTURE No. B-27-F SKEW 60°
PRESENT STRUCTURE PROPOSED STRUCTURE
SPAN: None 3 @ 23'
CLEAR ROADWAY: 29'
CLEAR WATERWAY: 480'
TYPE OF SUPERSTRUCTURE: Asphalt Plank Wear Surface
SUBSTRUCTURE: 2-28' x 40' C.M.P. Tr. Timb. Piling
REMOVAL REQUIREMENTS: Remove
R.R. Siding Holyoke
STREAM DATA: 71± Sp. Mi.
Drainage Area
Elev. Stream Bed
Drift
Scour
DETOUR STRUCTURE REQUIRED: No
HAUL TO BRIDGE SITE: 12 MI.
NEARBY STRUCTS: SAME STREAM
LOCATION: Upstream
WATERWAY: 4 60' Cont. Culv
RECORD DURING FLOOD: O.K.

N.E. 4 SEC. 16

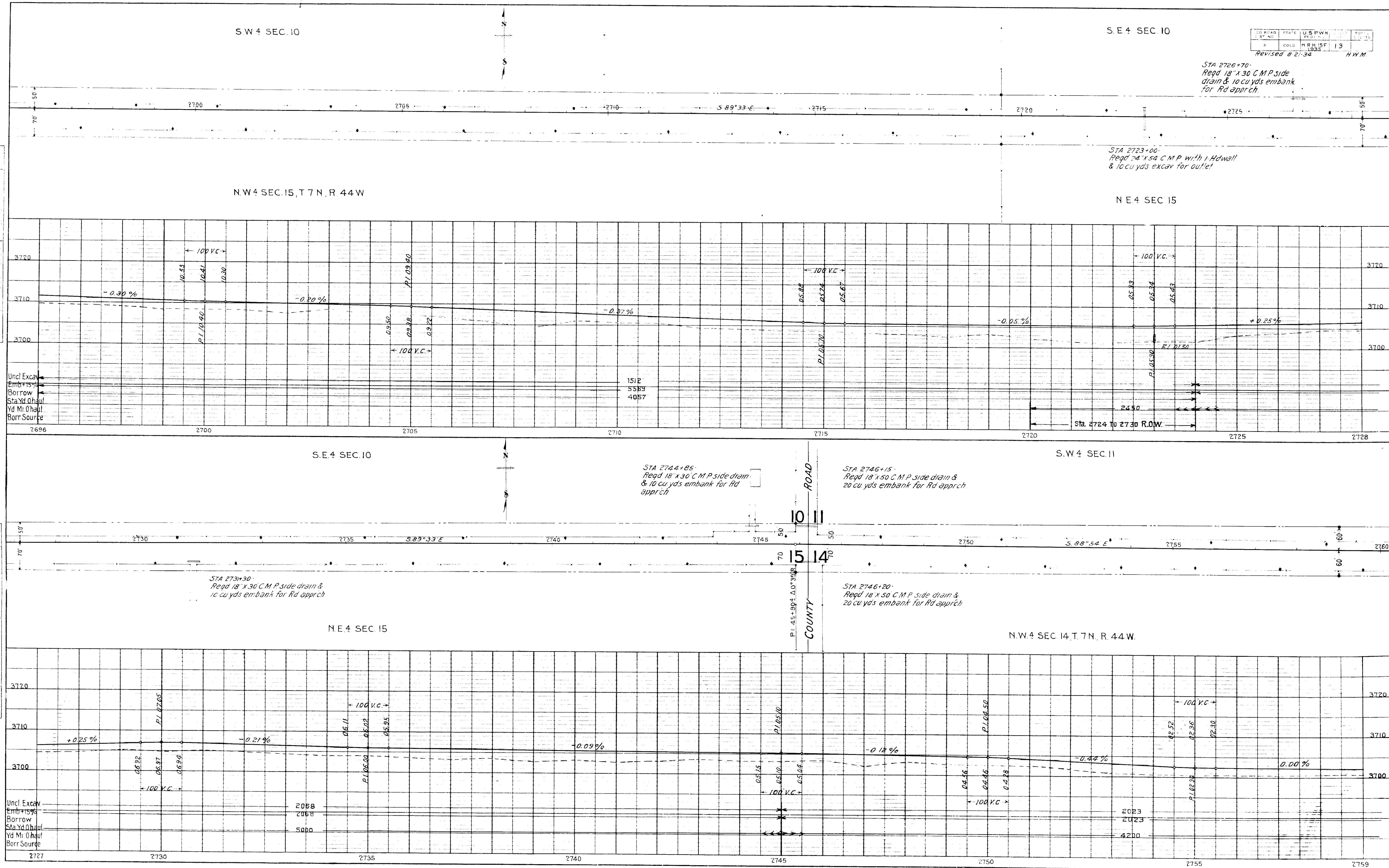
N.W. 4 SEC. 15

PROFILE
SURVEYED
NOTED
NO.



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE: BENCH MARKS SHOWN ARE NOT TO SCALE		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE: BENCH MARKS SHOWN ARE NOT TO SCALE		



S.W. SEC. II, T. 7N, R. 44W

S.E. 4 SEC. II

STA 2772+00
Requ. 18' x 30' C.M.P. side drain &
20 cu yds. embank. for Rd. approach

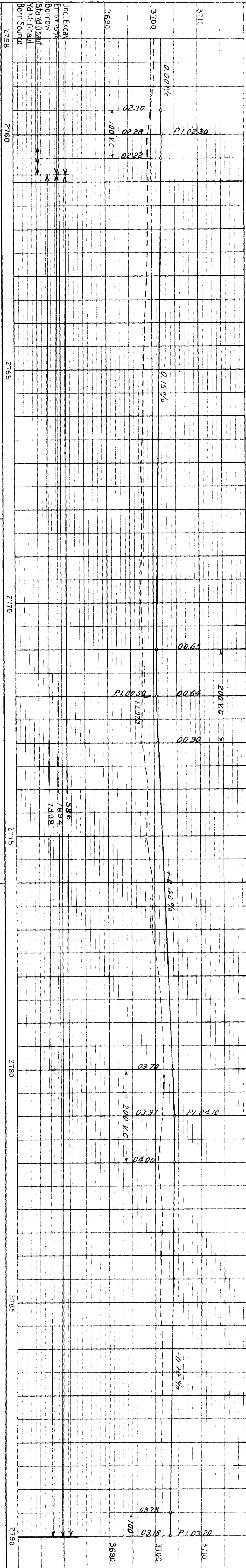
STA 2772+00
Requ. 24' x 52' C.M.P. Culv. &
1' Hdwall. Also 20 cu yds
excav. for outlet

STA 2773+00
Requ. 18' x 30' C.M.P. side drain &
10 cu yds embank. for Rd. approach

N.W. 4 SEC. 14

N.E. 4 SEC. 14

PLAN	DATE	BY
NOTE: REVISIONS TO BE MADE BY THE ENGINEER		
NO.		



S.E. 4 SEC. II

S.W. 4 SEC. II, T. 7N, R. 44W

PC 2798+734
PT 2800+01.7
R=5730
L=1283
T=643
Δ=1°17'11"



N.E. 4 SEC. 14

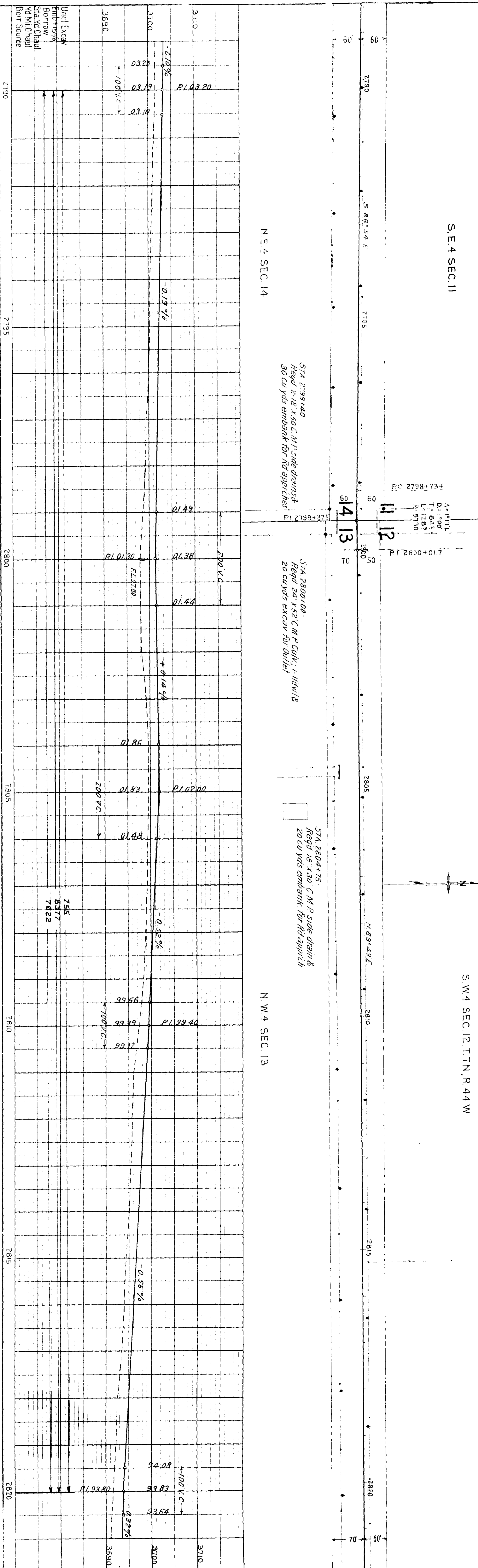
N.W. 4 SEC. 13

STA 2799+40
Requ. 2' 18' x 50' C.M.P. side drain &
30 cu yds embank. for Rd. approach

STA 2800+00
Requ. 24' x 52' C.M.P. Culv. 1' Hdwall &
20 cu yds excav. for outlet

STA 2804+75
Requ. 18' x 30' C.M.P. side drain &
20 cu yds embank. for Rd. approach

PROFILE	DATE
NOTE: REVISIONS TO BE MADE BY THE ENGINEER	
NO.	



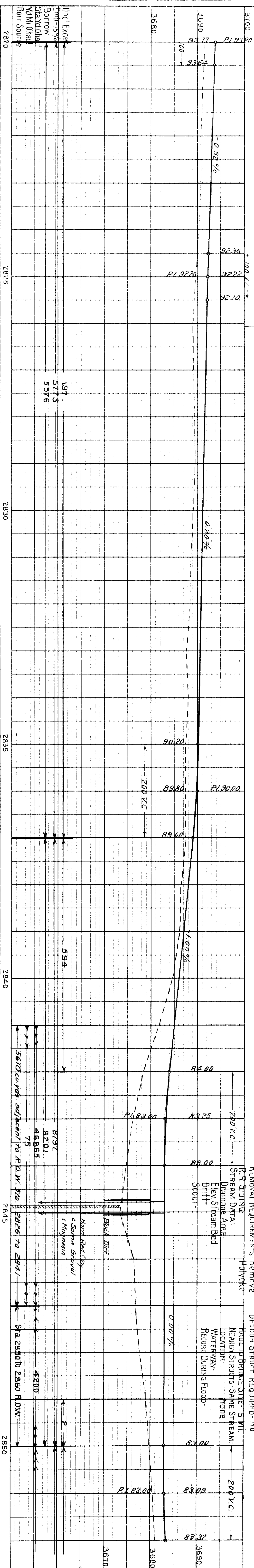
SE4 SEC 12 T 7 N R 44 W

Sta 2644+78 to 2645+027
Reed 1 sp @ 23 pile Test gr. 70" stem
35 per details on Sheet No 5
Remove present structure.
Sta 2642 +52 to 2644 +13
Reqd. 904 Lin. ft. guard fence

NO.	57	USPMH	TOL SHEETS
		NRIEF	15
Revised 8-21-34 H.W.N.			

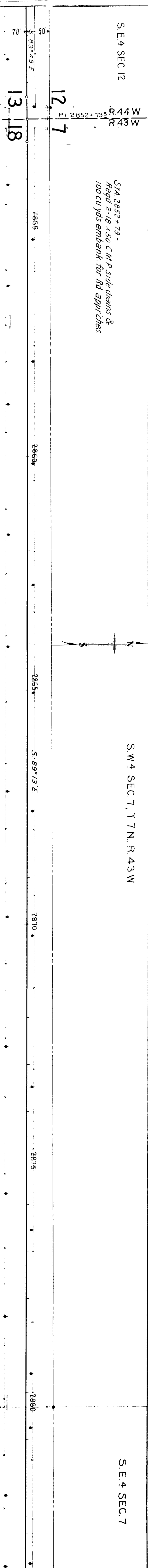


NE 4 SEC 13, T. 7 N., R. 44 W.

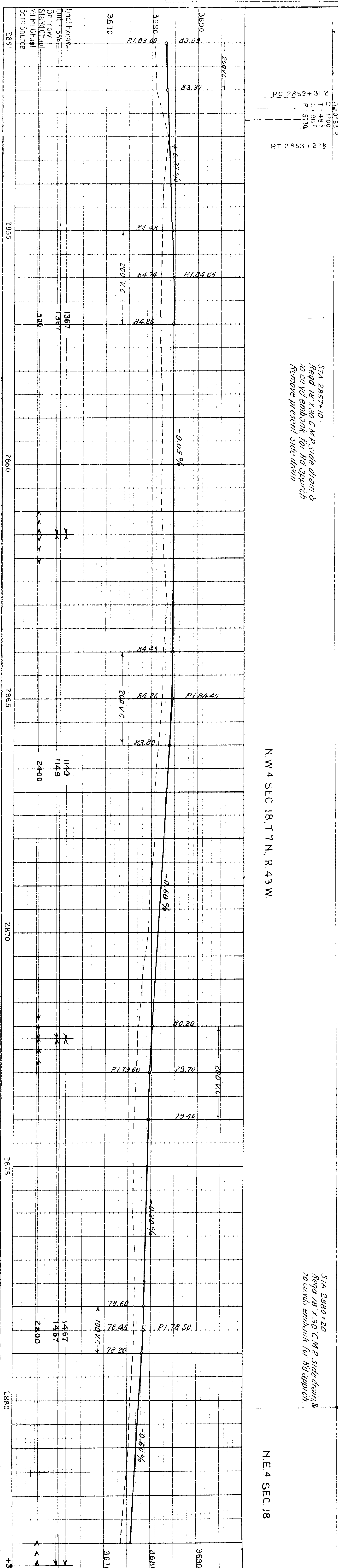


S.W. 4 SEC. 7, T. 7 N., R. 43 W.

S.E. 4 SEC. 7



STA 2880+20
Repd 18"x30" C.M.P. side drain, &
20 cu yds embank for Rd approach.



PROFILE	SURVEYED
	PLANTED
NOTE PICK	GRAVES CHICKO
	3 MI NORTH
NO	STRUCTURE NOTAT NCHIKO

PLAN	DATE	BY	CHECKED	APPROVED
SURVEYED				
PLOTTED				
ALIGNMENT CHECKED				
BY: GEORGE C. K. D.				

STA 2884+20
Regrad 18 x 30 C.M.P. side drain
Remove present S. drain
Also regrad 20 cu yds embank for
RD approach

S.E. 4 SEC. 7, T. 7 N., R. 43 W.

PC 2906+49.1
D 1+00
L 1+00
R 1+00
PT 2907+57.4

S.W. 4 SEC. 8

U.S. DEPT. OF AGRICULTURE
BUREAU OF RECLAMATION
DESIGNED BY
CHECKED BY
DATE
H.W.M.

STA 2899+70
Regrad 18 x 30 C.M.P. side drain &
20 cu yds embank for RD approach
Remove present side drain

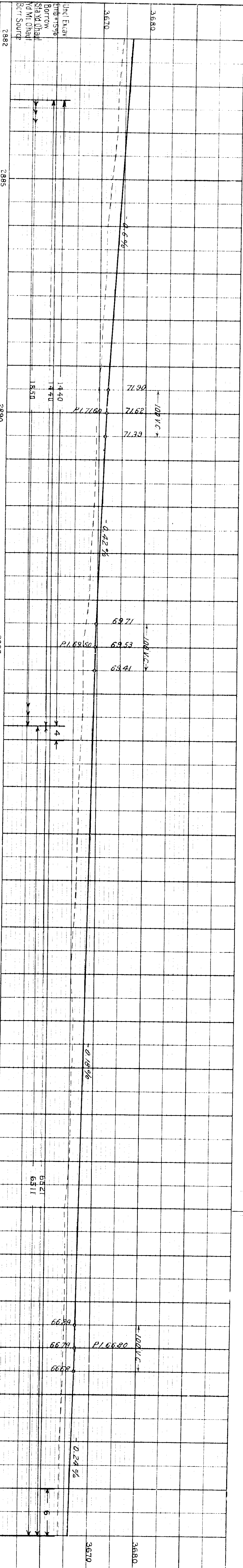
STA 2906+85
Regrad 18 x 30 C.M.P. side drain &
20 cu yds embank for RD approach

STA 2909+00
Regrad 18 x 30 C.M.P. side drain &
20 cu yds embank for RD approach
Remove present side drain

N.E. 4 SEC. 8, T. 7 N., R. 43 W.

N.W. 4 SEC. 17

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	ADJUSTMENT CHECKED		
	PT. OF WAY CHECKED		



S.W. 4 SEC. 8, T. 7 N., R. 43 W.

S.E. 4 SEC. 8

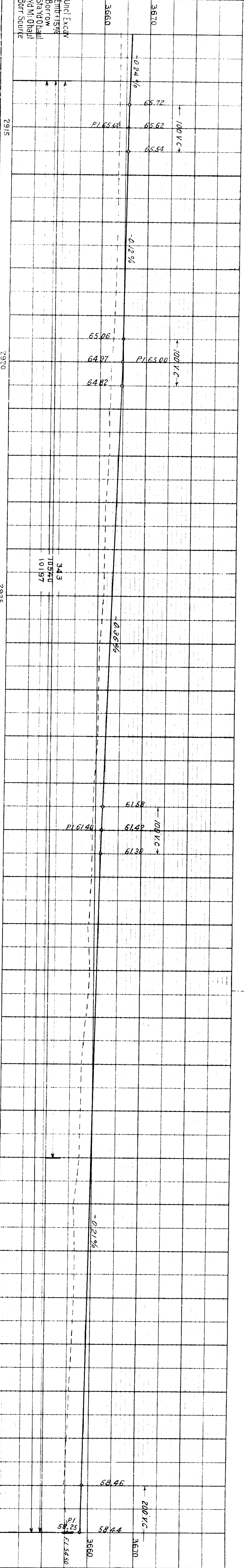
STA 2933+35
Regrad 18 x 30 C.M.P. side drain &
20 cu yds embank for RD approach

STA 2945+00
Regrad 30 x 54 C.M.P. culv. &
1 Hdwall. Also 20 cu yds ex-
cav for outlet.

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
	R.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		

N.W. 4 SEC. 17

N.E. 4 SEC. 17



S E 4 SEC 8 T 7 N R 43 W

STA 2957+00
Reqd 24 x 54 C.M.P. Culv &
1 Headwall 450 cu yds
excav for outlet

S W 4 SEC 9

U.S. P.W.D.
N 34.55° E 17'
Revised 8-21-34 H.M.M.

8 9

PI 2960+11.3 Δ0°28' R

7 16

COUNTY ROAD

STA 2960+10
Reqd 2 18 x 50 C.M.P. side ditches & School House
60 cu yds embank for Rd approach
Remove present side ditch

STA 2965+20
Reqd 10 cu yds embank for
Rd approach & more 311.5 ft

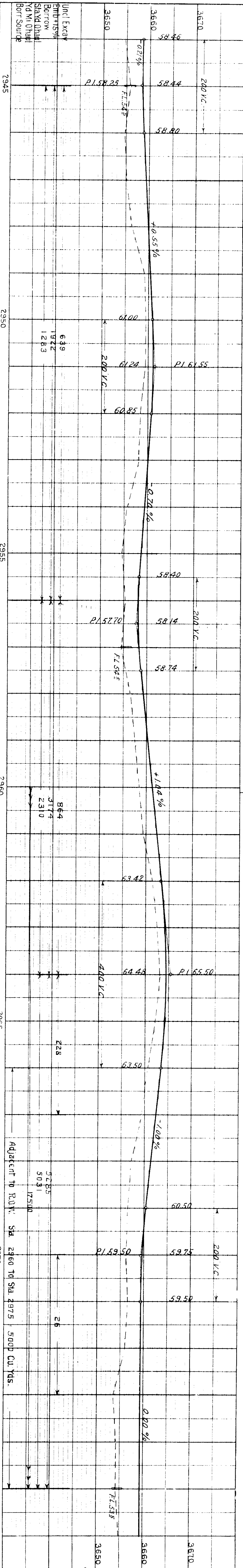
STA 2975+00
Reqd 24 x 66 C.M.P. Culv &
20 cu yds excav for channel
improvement

N E 4 SEC 17

N W 4 SEC 16

PLAN

SURVEYED
PLATTED
NOTE: BOOK CALCULATION CHECKED
BY



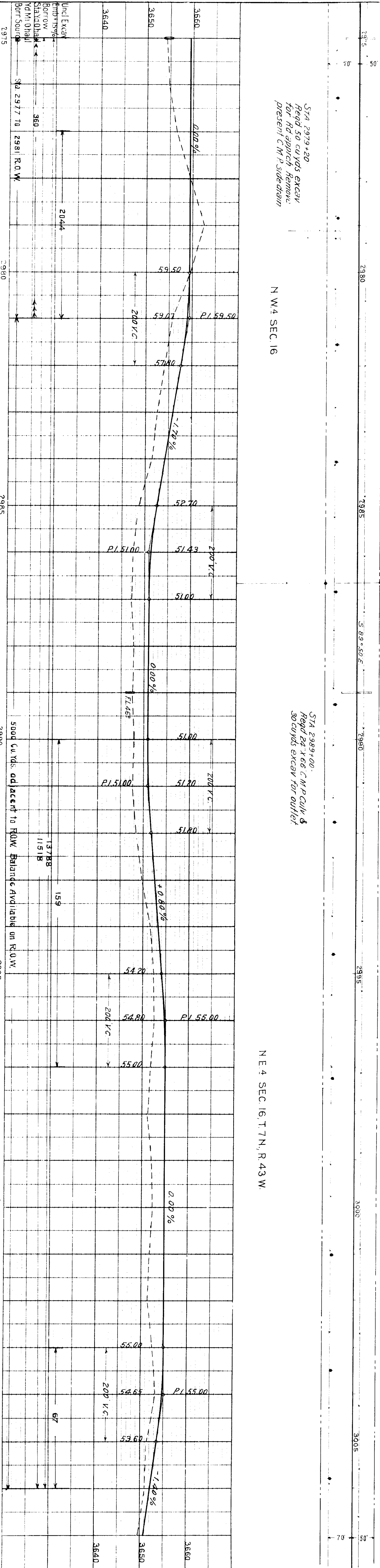
S W 4 SEC 9

S E 4 SEC 9 T 7 N R 43 W



PROFILE

SURVEYED
PLATTED
NOTE: BOOK CALCULATION CHECKED
BY



STA 2979+20
Reqd 50 cu yds excav
for Rd approach Remove
present C.M.P. side drain

STA 2989+00
Reqd 24 x 66 C.M.P. Culv &
30 cu yds excav for outlet

N E 4 SEC 16 T 7 N R 43 W

S E 4 SEC 9

STA 3002+95
Regrd 18' x 30' C.M.P. side drain &
10 cu yds embank for Rd approach

S W 4 SEC. 10, T. 7 N., R. 43 W

STA 3003+00
Regrd 24' x 34' C.M.P. culv &
1 headwall. Also 10 cu yds
excav for outlet

U.S. P.M.H.
N. 11.51
18

9 10

16 15

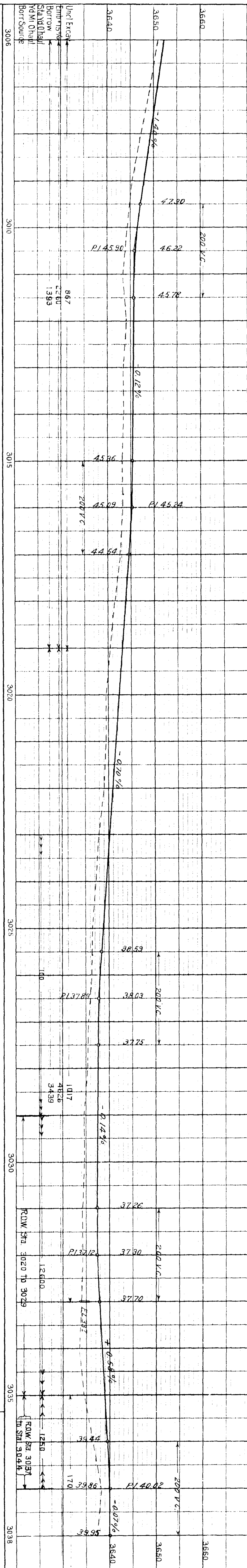
N E 4 SEC. 16

STA 3013+29
Regrd 18' x 50' C.M.P. side drain &
20 cu yds embank for Rd approach

N W 4 SEC. 15, T. 7 N., R. 43 W

STA 3006+75
Regrd 18' x 30' C.M.P. side dr. &
10 cu yds embank for Rd approach
left.

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
ALIGNED CHECKED		
RT. OF WAY CHECKED		



S W 4 SEC. 10

S. E 4 SEC. 10, T. 7 N., R. 43 W

S W 4 SEC. 11

10 11

15 14

N W 4 SEC. 15

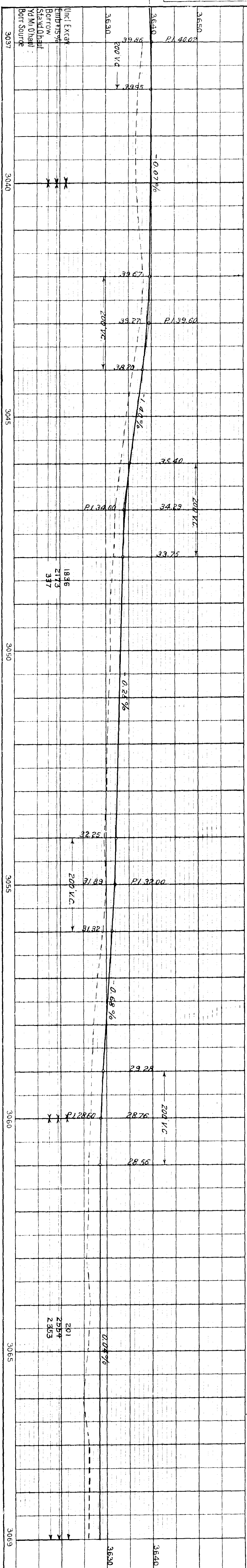
STA 3033+45
Regrd 18' x 50' C.M.P. side dr. &
30 cu yds embank for Rd approach

STA 3005+20
Regrd 2' 16' x 30' C.M.P. side dr. &
20 cu yds embank for 2 Rd Appro's

STA 3006+42
Regrd 18' x 50' C.M.P. side drain &
30 cu yds embank for Rd approach

N W 4 SEC. 14

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



S. W. 4 SEC. II, T. 7 N., R. 43 W.

RED BOOK	STATE	U.S. P.M.	SHEET	TOTAL
2	IND.	NO.	19	
821.34				

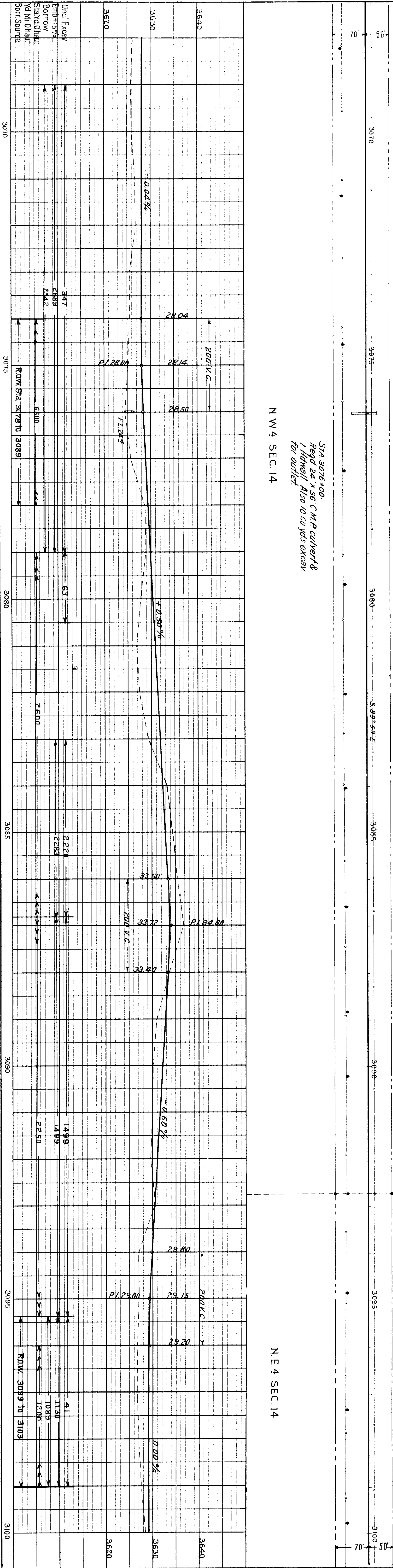
Revised 8-21-34 H.W.M.

S. E. 4 SEC. II

STA 3076+00
Repd 24' x 56' C.M.P. culvert &
1. Hdwall. Also 10 cu yds excav
for outlet.

N. W. 4 SEC. 14

N. E. 4 SEC. 14



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
	CHECKED		
	BY		

S. E. 4 SEC. II, T. 7 N., R. 43 W.

STA 3111+00
Repd 24' x 60' C.M.P. culvert &
1. Hdwall. Also 20 cu yds
excav for outlet.

STA 3119+50
Repd 18' x 50' C.M.P. side drain
Remove present side drain
Repd 20 cu yds embank for
road approach.

STA 3120+50
Repd 20 cu yds embank for
road approach. Side drain in
place to be removed.

S. W. 4 SEC. 12

STA 3102+15
Repd 18' x 30' C.M.P. side drain &
10 cu yds embank for rd approach.
Remove present side drain.

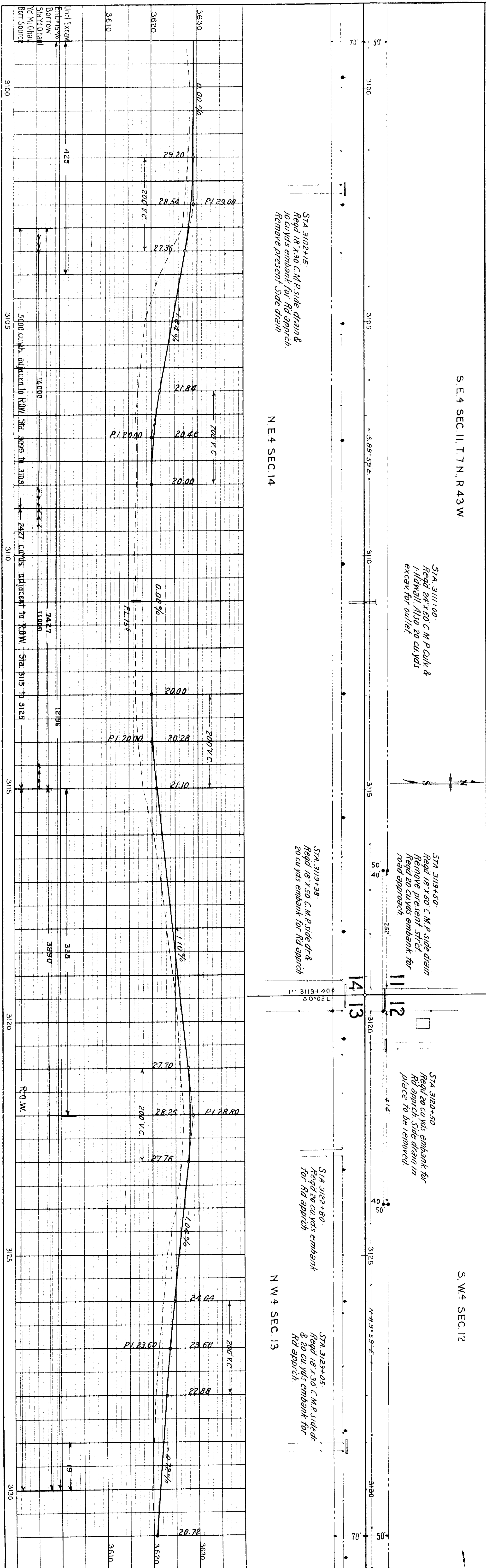
N. E. 4 SEC. 14

STA 3119+38
Repd 18' x 50' C.M.P. side drain &
20 cu yds embank for rd approach.

STA 3122+50
Repd 20 cu yds embank
for rd approach.

STA 3123+05
Repd 18' x 30' C.M.P. side drain
& 20 cu yds embank for
rd approach.

N. W. 4 SEC. 13



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
	CHECKED		
	BY		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B. M.S NOTED		
	STRUCTURE NOTAT'NS CH'KD		

