

PLD. ENG. DIST. NO.	120	277E
DATE	8-15-24	

INDEX OF SHEETS

- 1 Title Sheet and Sketch Map.
- 2 Typical Cross Section of Road and Summary of Quantities
- 3 Structure List for Construction Division No. 1
- 4 Special Details
- 5 Standard 100ft. Span Pony Truss T-100-B
- 6 Bridge Summary Sheet
- 7 Concrete Pile Trestle, 28ft. Roadway
- 8 80ft. Span Deck Plate Girder
- 9 Fountain Creek Substructures M-103-B
- 10 Standard Concrete Box Culverts M-104-A
- 11 Inclined Concrete Siphon M-101-A
- 12 Paving Drain and Paving Slab Reinforcing M-100-A
- 13 Guard Fence M-20-D
- 14 Wire Fence and Project Marker M-24-C
- 15 Vertical Concrete Siphon M-105-A
- 16-27 Plan and Profile Sheets.
- 28-47 Cross Section Sheets.
- 4a Details of Pavement Reinforcement

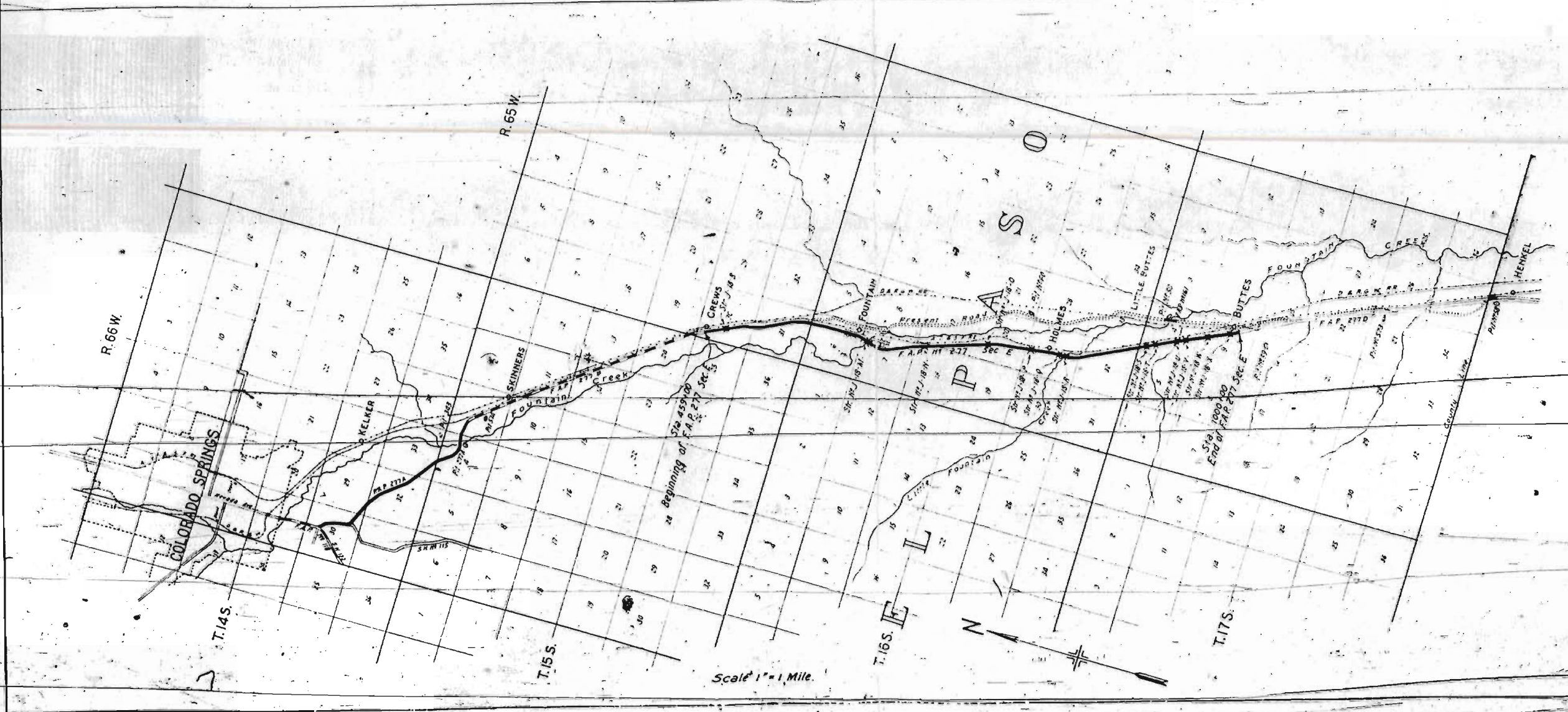
# COLORADO STATE HIGHWAY DEPARTMENT

## PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 277-E STATE HIGHWAY NO. 1 EL PASO COUNTY.

CONVENTIONAL SIGNS

- Right of Way Line
- Section Line
- Half Section Line
- Fence Line
- Guard Fence
- Ditch
- Railroad Track

**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 53 858.6 FEET = 10.200 MILES.  
 NET LENGTH OF PROJECT 00. 00



RECOMMENDED FOR APPROVAL  
*[Signature]*  
 ASSISTANT ENGINEER

APPROVED  
*[Signature]*  
 STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS  
 RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS  
 APPROVED

DIRECTOR BUREAU PUBLIC ROADS



DES. NO.	STATE	PROJ. NO.	DATE
2774	COLO.	19	

PLAN

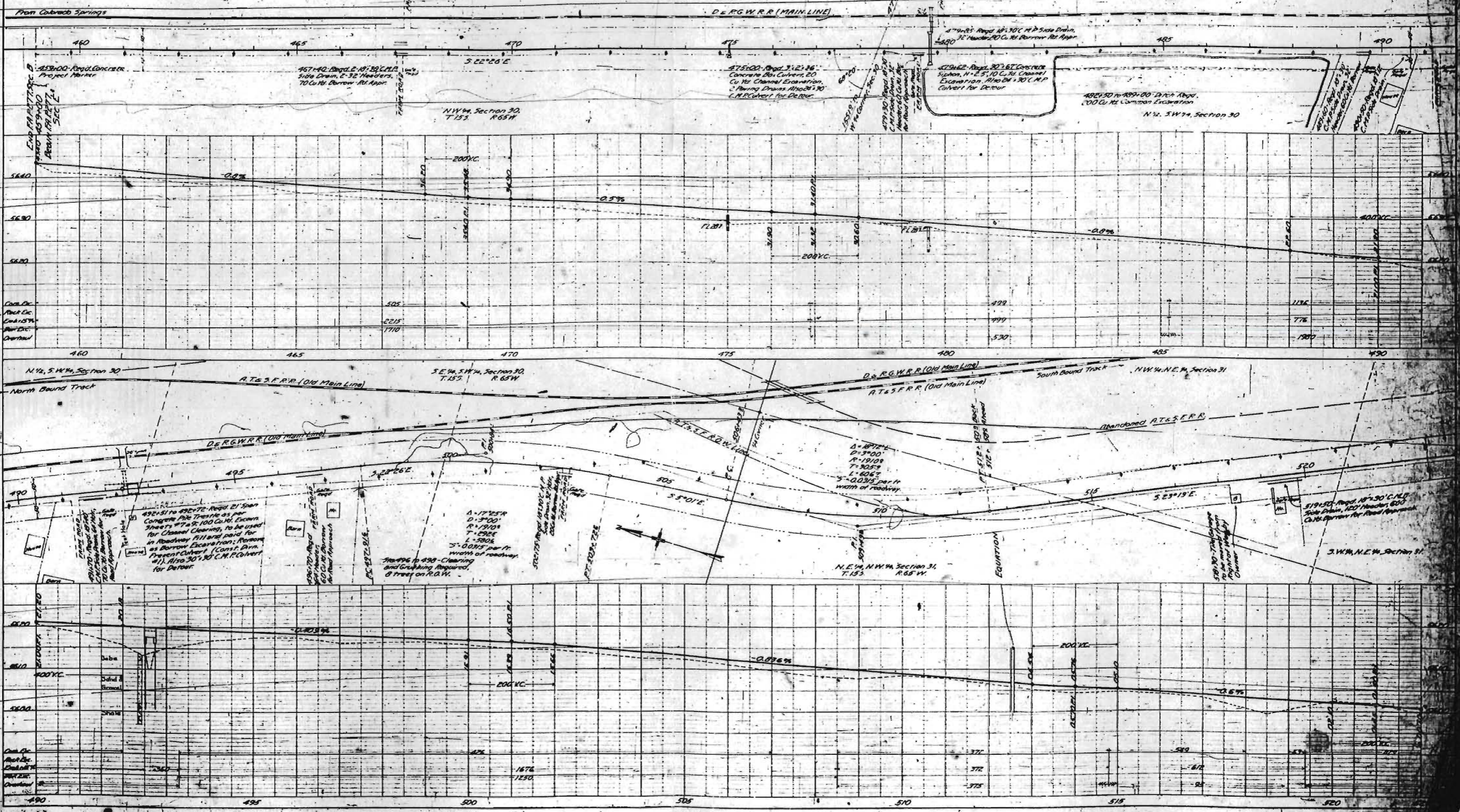
DATE	BY	SCALE
1/22/22	J.E.L.	1" = 100'

NOTE: ROAD ALIGNED WITH CENTERLINE OF TRACK

PROFILE

DATE	BY	SCALE
1/22/22	J.E.L.	1" = 100'

NOTE: ROAD ALIGNED WITH CENTERLINE OF TRACK



DATE	NOV 1938
BY	W. H. WOOD
PROJECT	WATER SUPPLY
PLAN	PLAN
SCALE	1" = 100'
NO.	1

DATE	NOV 1938
BY	W. H. WOOD
PROJECT	WATER SUPPLY
PROFILE	PROFILE
SCALE	1" = 100'
NO.	1

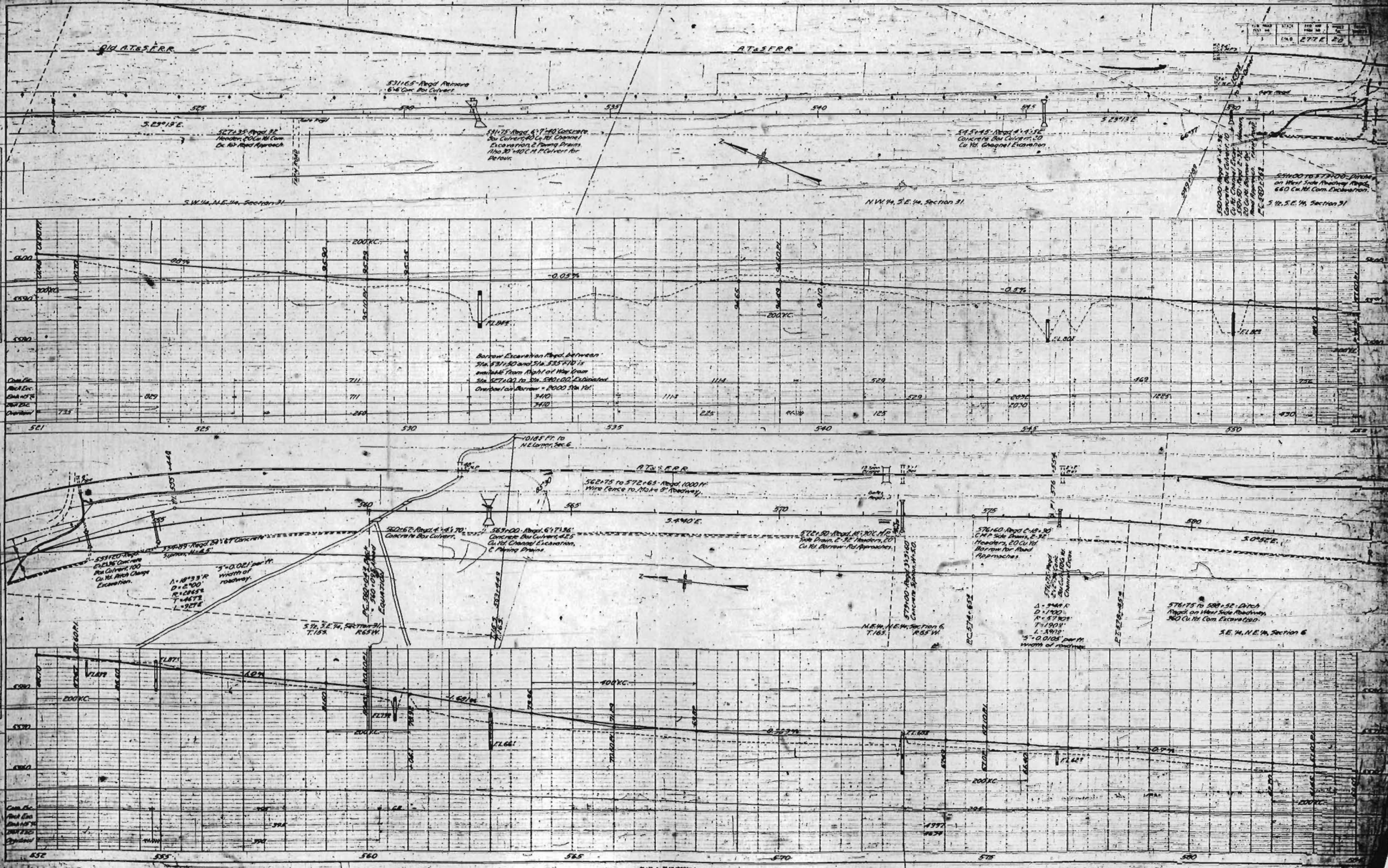


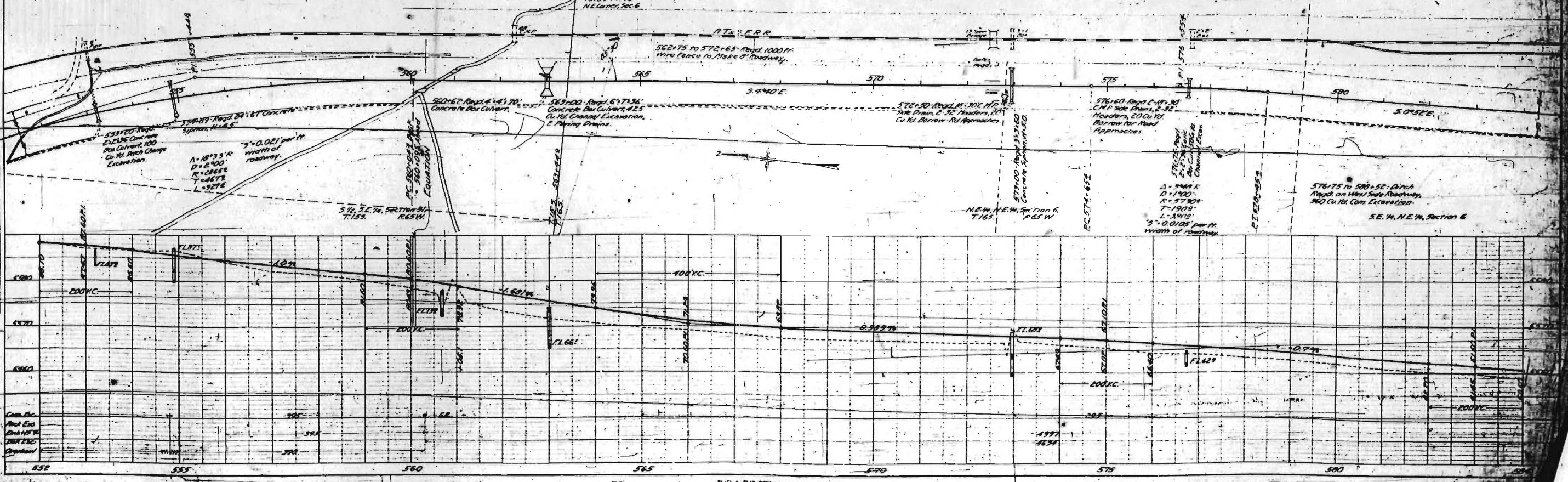
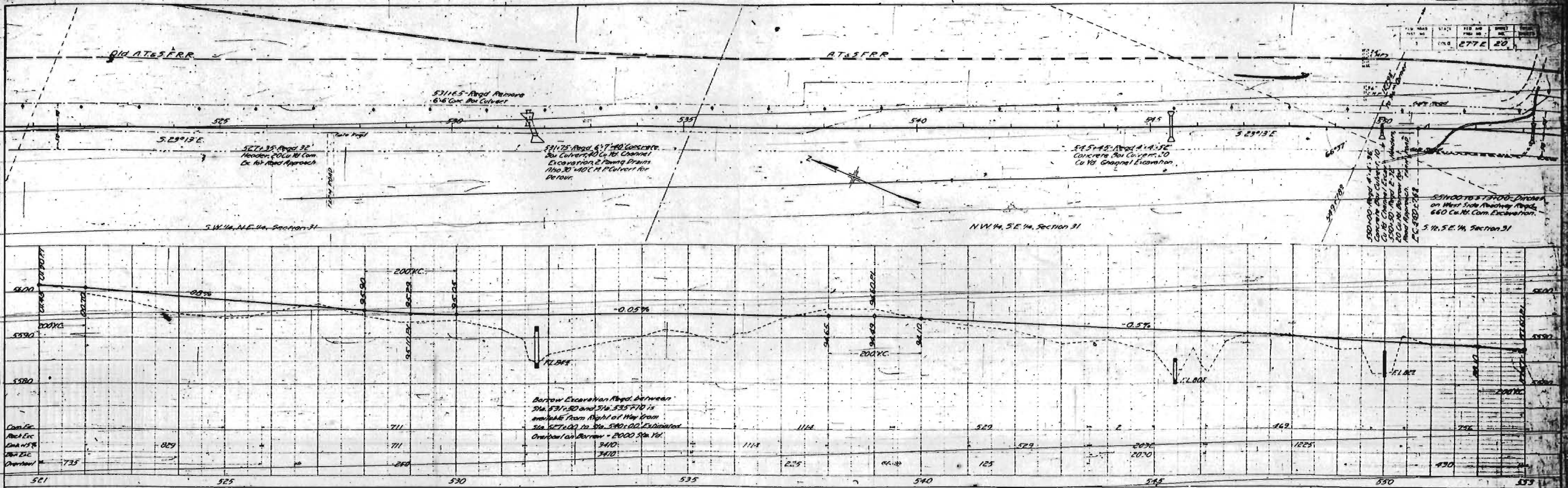
PLATE 1 - PLAN - PROFILE

PLAN

DATE	NOV 1920
BY	J. M. L.
CHECKED	J. M. L.
APPROVED	J. M. L.
SCALE	1" = 40'
PROJECT	AT&SFRR
SECTION	Section 31

PROFILE

DATE	NOV 1920
BY	J. M. L.
CHECKED	J. M. L.
APPROVED	J. M. L.
SCALE	1" = 40'
PROJECT	AT&SFRR
SECTION	Section 31



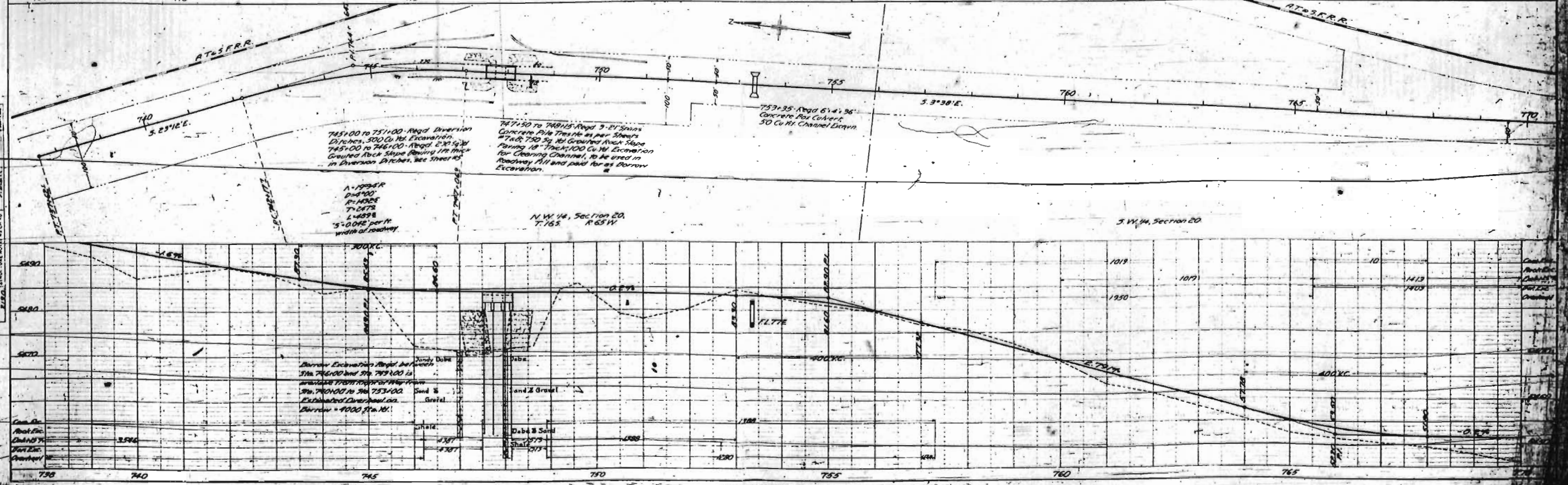
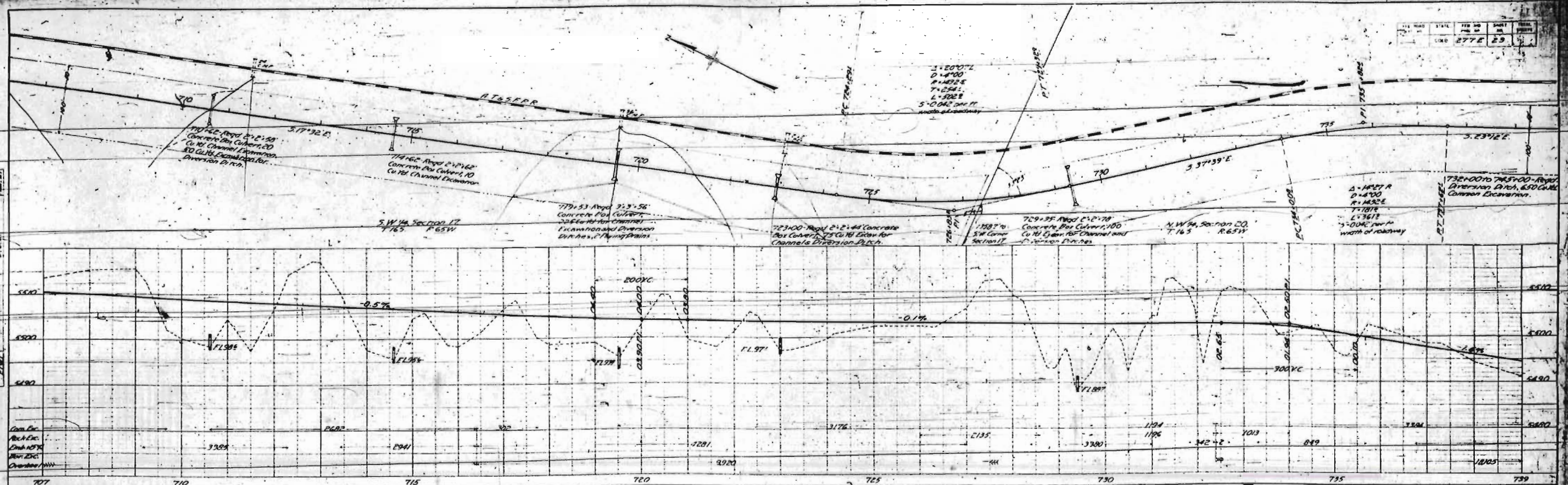




DATE	SCALE	FIG. NO.	SHEET NO.	TOTAL SHEETS
277 E	29			

PLAN  
 SURVEYED  
 PLOTTED  
 DATE  
 BY  
 CHECKED  
 DATE  
 BY

PROFILE  
 SURVEYED  
 PLOTTED  
 DATE  
 BY  
 CHECKED  
 DATE  
 BY



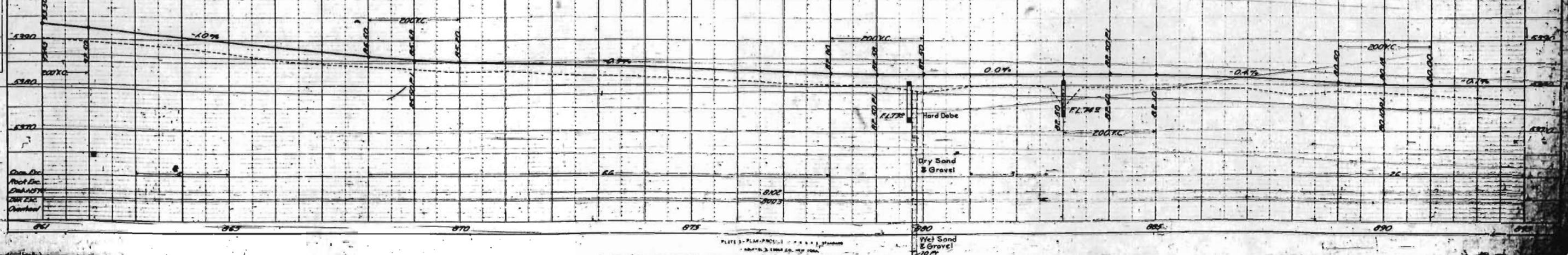
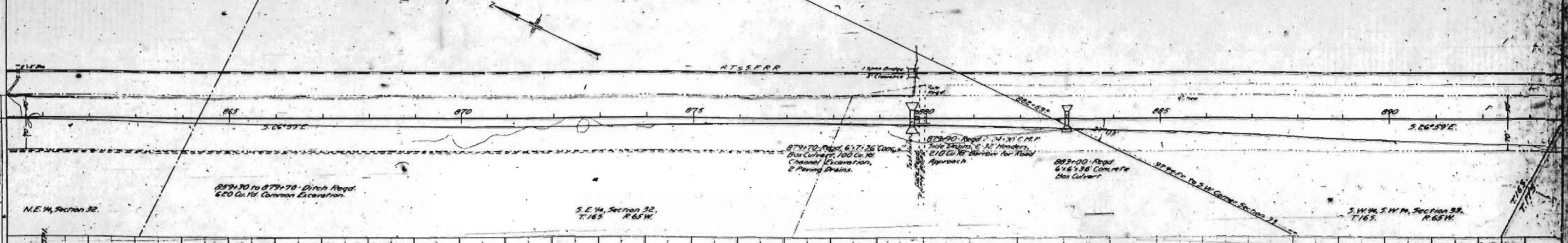
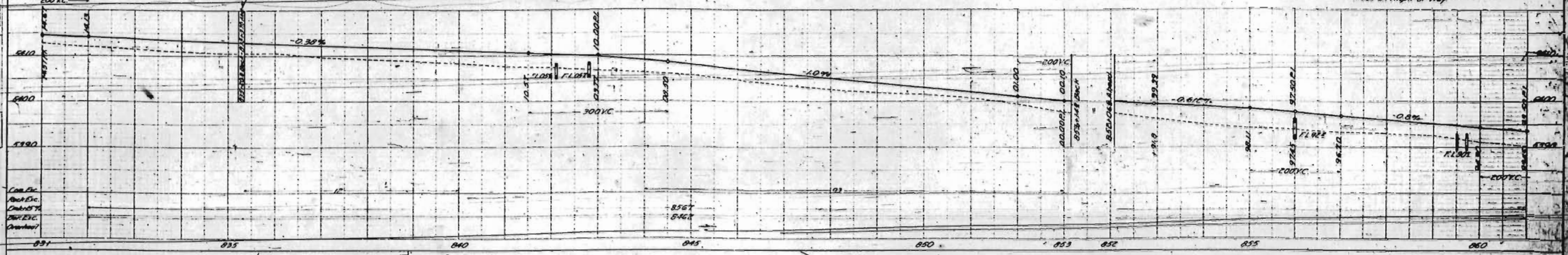
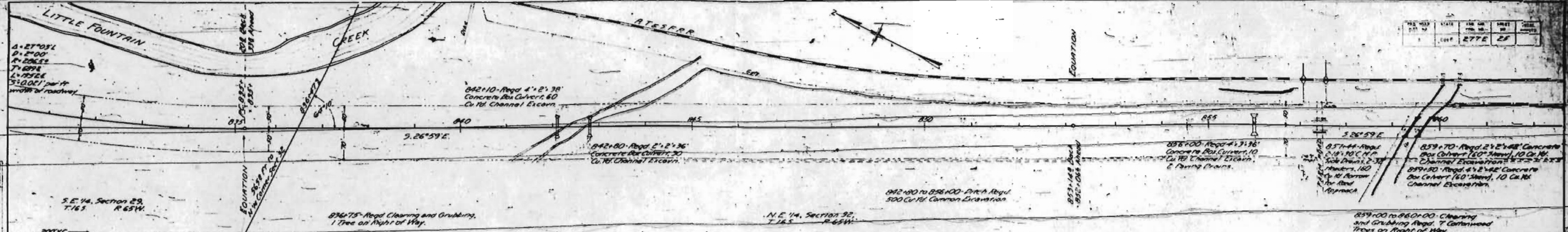
745+00 to 751+00 - Road Diversion Ditches, 500 Cu Yd. Excavation.  
 745+00 to 746+00 - Road 6" x 36" Concrete Box Culvert, 100 Cu Yd. Excavation. Slope 1:1.5. Retain 17' High in Diversion Ditches. See Streets.

N.W. 1/4, Section 20,  
 T. 16 S, R. 65 W.

Borrow Excavation Material  
 Sta. 746+00 to Sta. 749+00 is  
 material from the  
 Sta. 740+00 to Sta. 753+00  
 Excavation. Estimated  
 Borrow = 4000 Sta. Yd.

Sandy Duff  
 Sand & Gravel  
 Gravel  
 Shell  
 Duff & Sand  
 Shell





PLAN	DATE	BY	CHECKED
NO. 277E	1915		

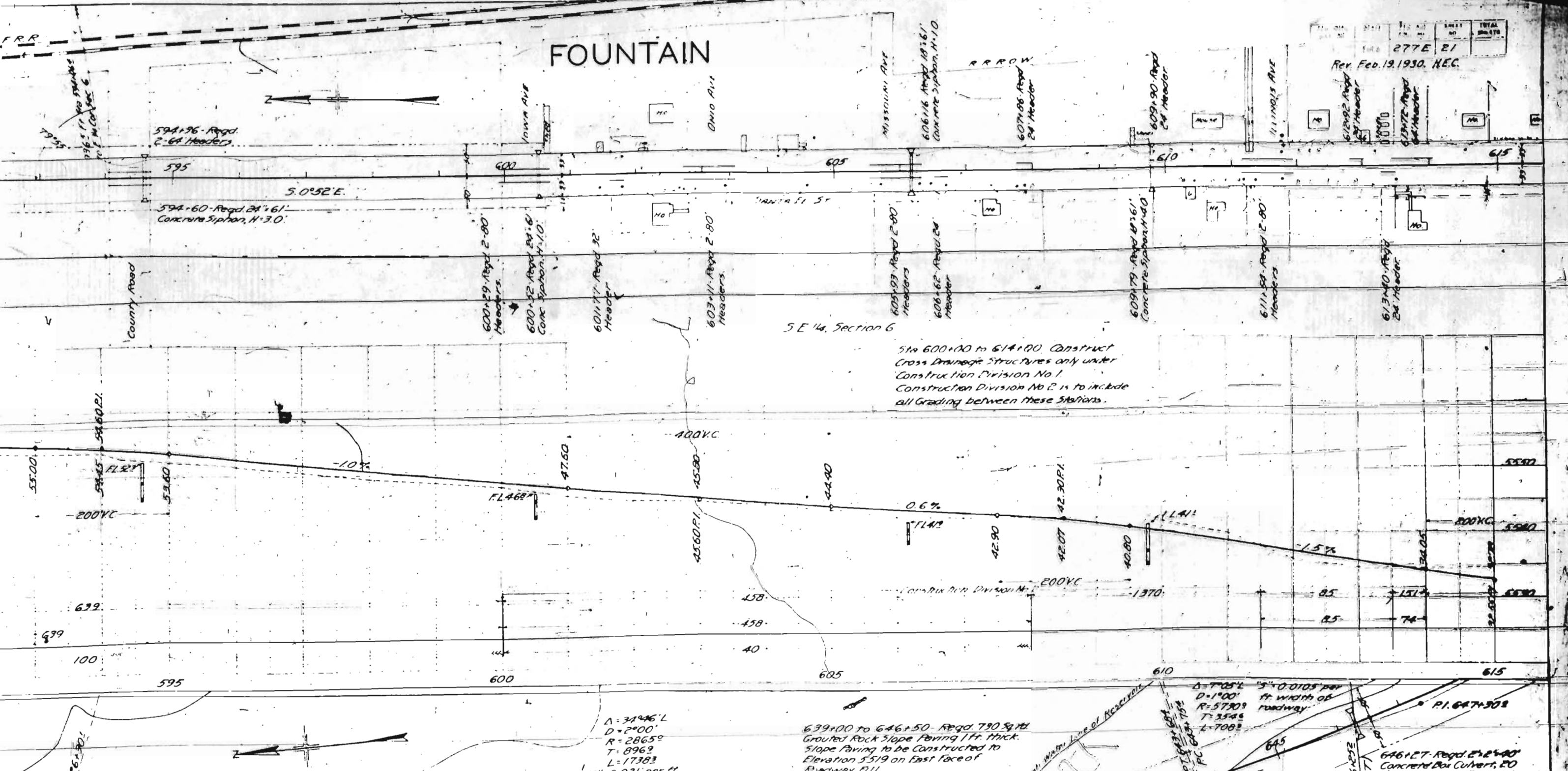
PROFILE	DATE	BY	CHECKED
NO. 277E	1915		





# FOUNTAIN

SHEET NO. 277E 21  
 TOTAL SHEETS  
 Rev. Feb. 19, 1930. H.E.C.



Sta 600+00 to 614+00 Construct  
 Cross Drainage Structures only under  
 Construction Division No 1.  
 Construction Division No 2 is to include  
 all Grading between these stations.

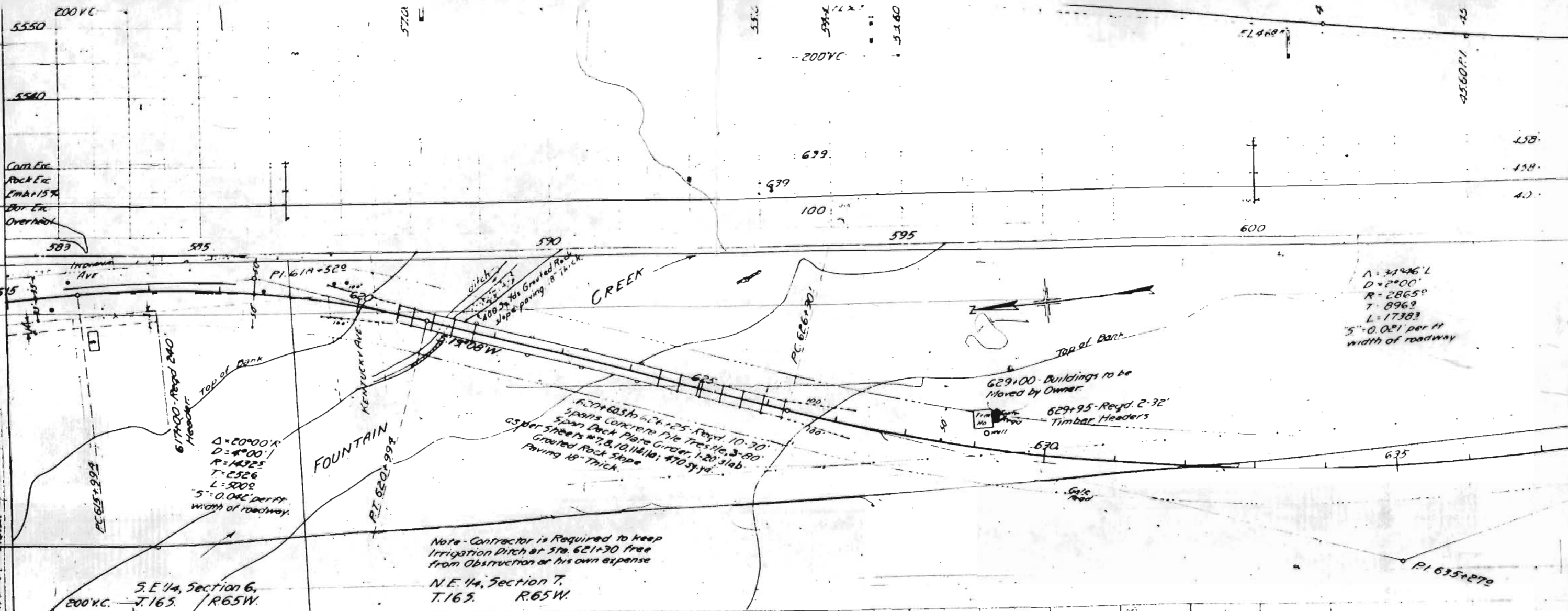
$\Delta = 31^{\circ}46' L$   
 $D = 2^{\circ}00'$   
 $R = 2865'$   
 $T = 896'$   
 $L = 1738'$   
 $S = 0.021$  per ft

639+00 to 646+50 - Regd. 790 Sq ft  
 Grouted Rock Slope Paving 1 Fr. thick.  
 Slope Paving to be Constructed to  
 Elevation 5519 on East Face of  
 Roadway Fill.

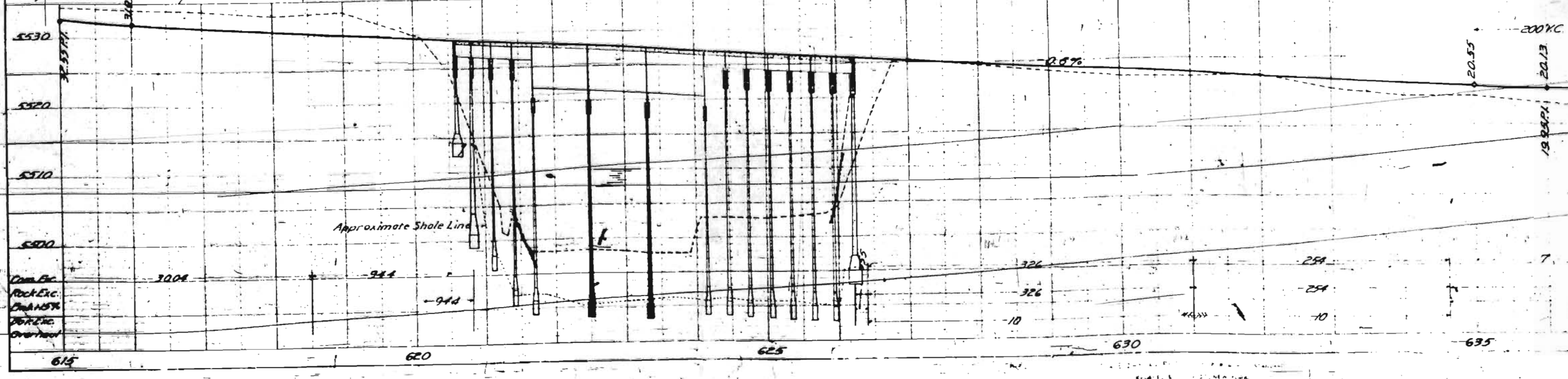
$\Delta = 7^{\circ}05' L$   
 $D = 1^{\circ}00'$   
 $R = 5700'$   
 $T = 354'$   
 $L = 708'$

646+27 - Regd. 2' x 2'-00"  
 Concrete Box Culvert, 20'  
 Channel Foundation

PLAN  
 SUBMITTED  
 PLANNED  
 NOTE BOOK ALPHABETICALLY  
 NO. 2278  
 2272



PROFILE  
 SURVEYED  
 PLOTTED  
 NOTE BOOK GRADE CHECKED  
 9 MS NOTED  
 NO. 2278  
 STRAIGHT LINE NOTES BY C.W.C.



$\Delta = 31^{\circ}46'$   
 $D = 2^{\circ}00'$   
 $R = 2865'$   
 $T = 8963'$   
 $L = 17383'$   
 $5^{\circ} = 0.04'$  per ft width of roadway

Note - Contractor is Required to keep Irrigation Ditch at Sta. 621+70 free from Obstruction at his own expense

S.E. 1/4, Section 6, T.16S, R.65W.  
 N.E. 1/4, Section 7, T.16S, R.65W.