

STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED AS CONSTRUCTED
 COLORADO PROJECT NO. C 03-0392-03 PHASE I
 STATE HIGHWAY NO. 392
 WELD COUNTY

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
XIII	COLORADO	C 03-0392-03	1

PHASE I

INDEX OF SHEETS

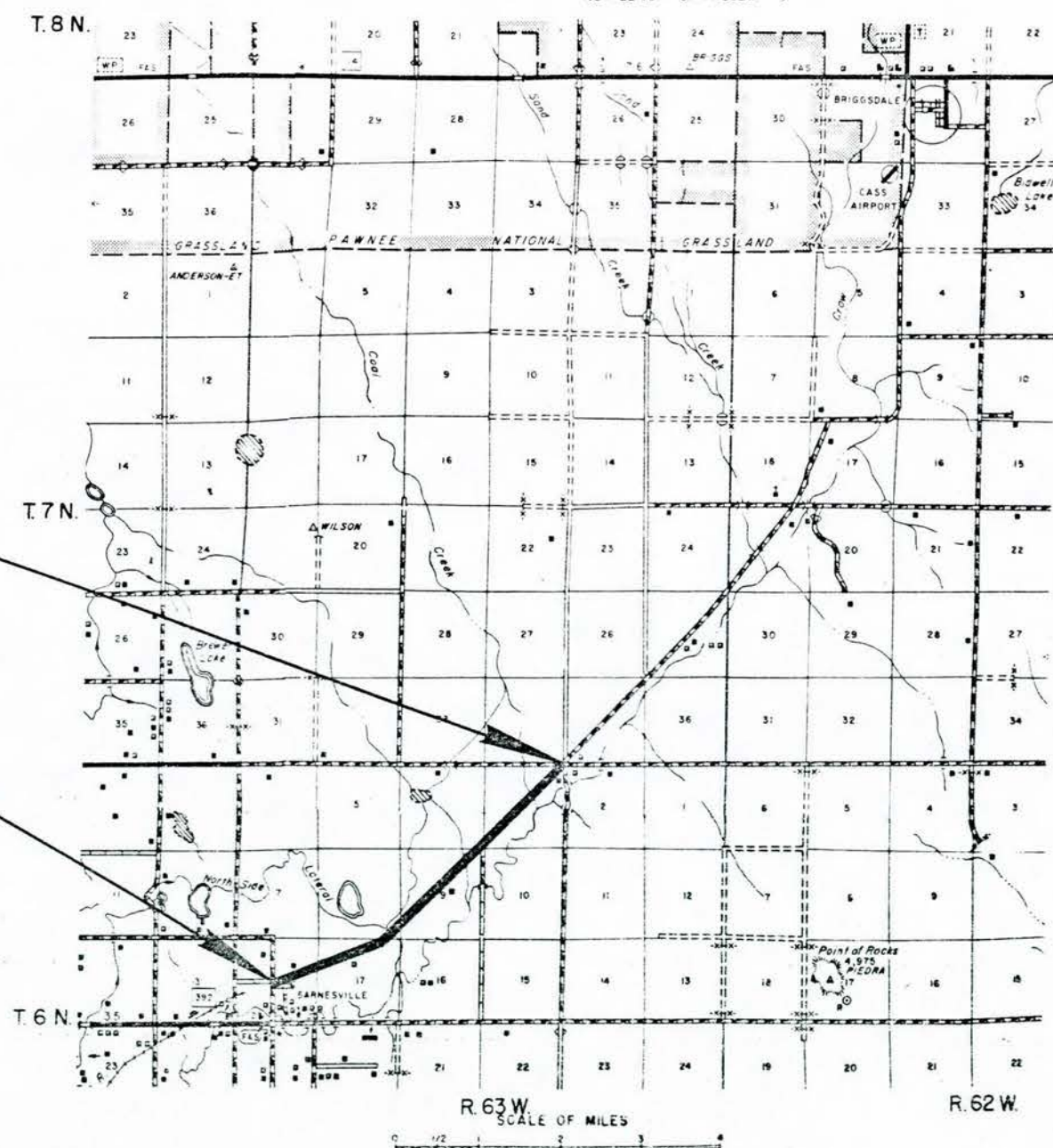
AS CONSTRUCTED
 REVISED DATE 8/3/81

CC: FILE (AS CONST)
 FILE (PROJECT)
 MAINT —

L.G.Ms



SCALES OF ORIGINAL DRAWINGS
 ON PLAN: 1" = 100 FT
 ON PROFILE: 1" = 100 FT HORIZONTAL
 1" = 10 FT VERTICAL
 GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
 GROSS LENGTH OF PROJECT
 NET LENGTH OF PROJECT



DIST. IV	FILE	COPY
DIST. ENGR.		
ASST. ENGR.		
CONSTR.		
PRE-CONST.		
ERA		
UTIL		
DESIGN		
ROW		
MAT'L'S		
EEO		
RE-PE'S		
MAINT.		
TRAFFIC		

DUNCAN JAN. 21 1982

AS CONSTRUCTED INFORMATION

CONTRACTOR WELD COUNTY

RESIDENT ENGINEER J.S. DUNCAN
 (Project Resident)

PROJECT STARTED JULY 8, 1974

PROJECT COMPLETED AUGUST 31, 1981

AS CONSTRUCTED PLANS APPROVED J.B. Peterson
 DATE 1/5/82

DIVISION OF HIGHWAYS

APPROVED _____

CHIEF ENGINEER _____ DATE _____

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____

DIVISION ENGINEER _____ DATE _____

STA. 880+70
 END C 03-0392-03
 PHASE I MP 131.259

STA. 649+50
 BEGIN C 03-0392-03
 PHASE I

See Standard M-100-A for STANDARD SYMBOLS

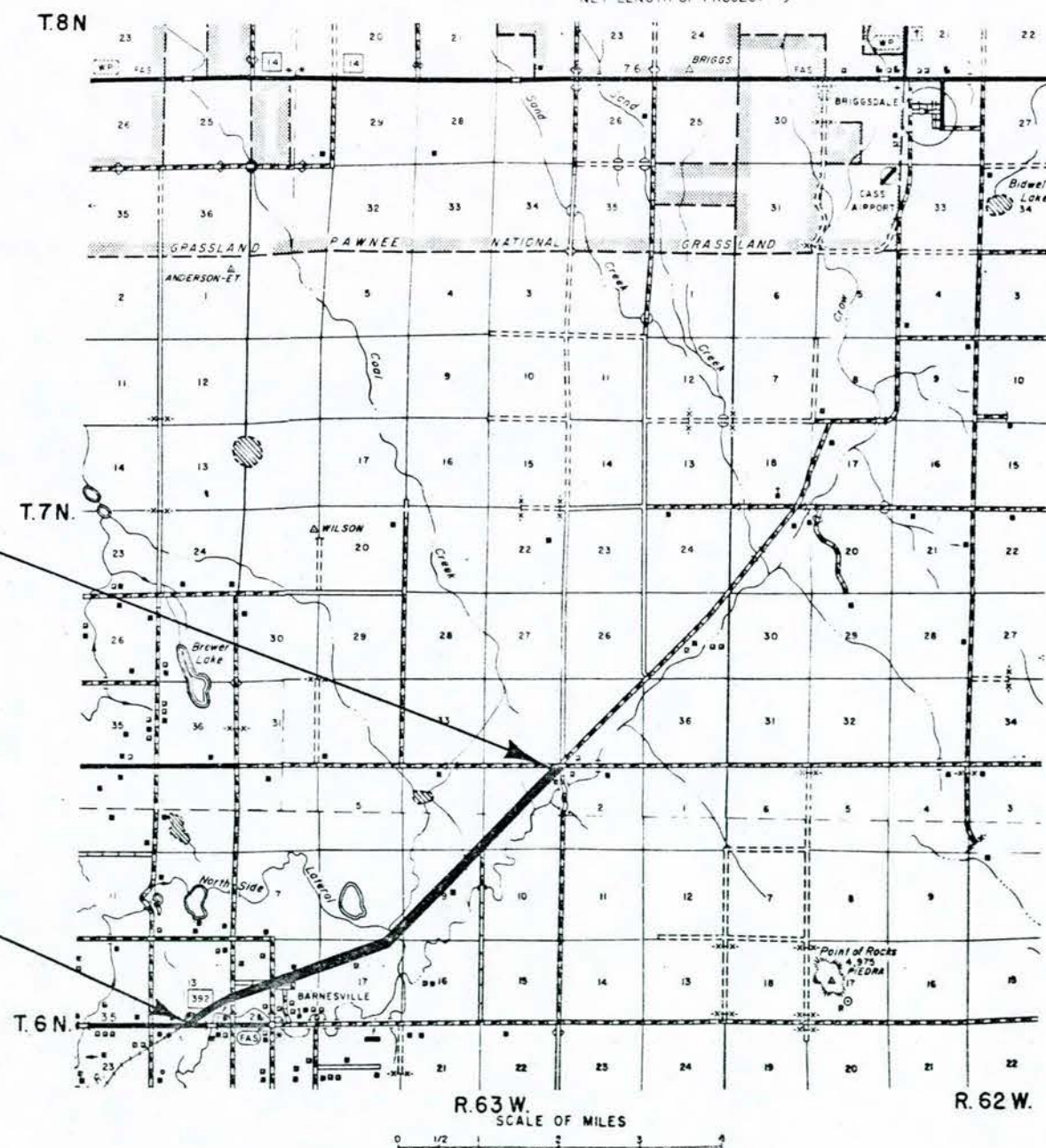
STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS—STATE OF COLORADO

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	C03-0392-03	1

PHASE 2
AS CONSTRUCTED
INDEX OF SHEETS
REVISED DATE 8/31/81

PLAN AND PROFILE OF PROPOSED As Constructed SHEET NO.
FEDERAL AID PROJECT NO. C 03-0392-03 PHASE 2
STATE HIGHWAY NO. 392
WELD COUNTY

SCALES OF ORIGINAL DRAWINGS
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
NET LENGTH OF PROJECT



STA. 878 + 00.0
END C 03-0392-03
PHASE 2

MP 131.259

STA. 582 + 24.46
BEGIN C 03-0392-03
PHASE 2

MP 126.94

AS CONSTRUCTED INFORMATION	
CONTRACTOR	WELD COUNTY
RESIDENT ENGINEER	L.G. DUNCAN (Employer's Resident)
PROJECT STARTED	JULY 8, 1974
PROJECT COMPLETED	AUGUST 31, 1981
AS CONSTRUCTED PLANS APPROVED	J.P. Petersen DRE
TITLE	1/5/82 DATE

DIVISION OF HIGHWAYS	
APPROVED	DATE
CHIEF ENGINEER	DATE

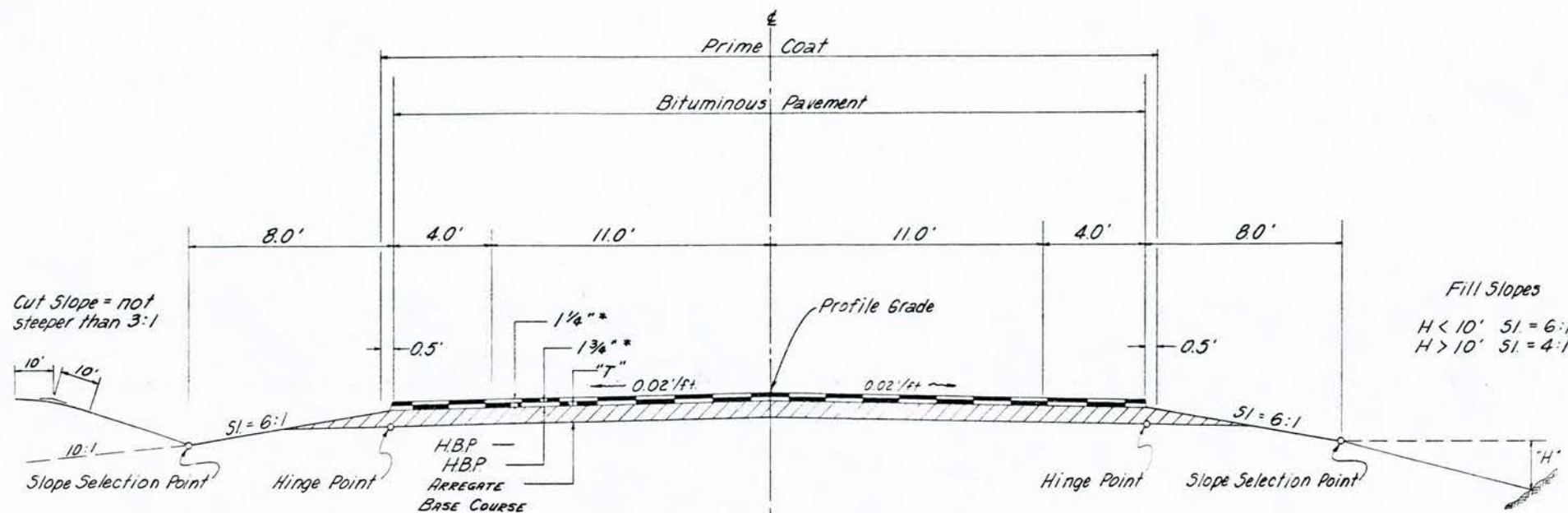
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ENGINEER	

AS CONSTRUCTED
REVISED DATE 8/31/81

FEDERAL ROAD DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VI/11 COLORADO	C 03-0392-03	2	14

WORK BY WELD COUNTY - FORCE ACCOUNT
SUMMARY OF APPROXIMATE QUANTITIES

INDEX	CONTRACT ITEM NO.	CONTRACT ITEM	UNIT	PROJECT TOTALS
	203	UNCLASSIFIED EXCAVATION	Cu Yd.	6390
	203	BORROW	Cu Yd.	16,160
	209	WETTING	M. GAL.	800
	304	AGGREGATE BASE COURSE (CLASS 6) (HAUL)	TON	15,600
	306	RECONDITIONING	Sq. Yd.	92,300
	403	HOT BITUMINOUS PAVING (GRADING) (HAUL) (APR)	TON	17,300
	411	EMULSIFIED ASPHALT CSS-1	GAL.	5,000
	411	LIQUID ASPHALTIC MATERIAL (MC-70)	GAL.	40,000
	603	24" CORRUGATED STEEL PIPE	LIN. FT.	76
	603	36" CORRUGATED STEEL PIPE	LIN. FT.	36
	603	48" CORRUGATED STEEL PIPE	LIN. FT.	24
	606	GUARD RAIL, TYPE 3 (6'-3" POST SPACING)	LIN. FT.	450
	606	END ANCHORAGE, TYPE 3A	EACH	4



No excavation below 6:1 slope and/or 10:1 slope.

* Approximate Thickness

The depth and width of the side ditch shall be varied where necessary in order to provide proper drainage.

Break points on slopes and in bottoms of ditches shall be rounded on construction for a pleasing appearance.

Material shall be placed in separate courses at the following rates per 100 lin. ft. of roadway:

Bituminous Pavement { Top layer 23 Tons
Bottom layer 33 Tons

For quantities of bituminous materials, the following rates of application were used:

Prime Coat MC-70 @ 0.4 Gals. per Sq. Yd.
Tack Coat CSS-1 (diluted 1:1 with water) @ 0.10 Gals. per Sq. Yd.

Rates of application shall be determined by the engineer at the time of application.

Any layer of bituminous pavement that is to have a succeeding layer placed thereon shall be completed full width before a succeeding layer is placed.

Road approaches which require bituminous pavement shall be primed and a 3" thickness of pavement placed as follows:

Public approaches and entrances to buildings or residences shall be paved 30' out from the edge of the shoulder or to the right-of-way line whichever is less. Field entrances shall be paved 4' out from the edge of the shoulder.

Earth slopes shall be disced or roughened by other approved methods for mulching or erosion protection.

Depth of moisture density control for this project shall be as follows:

Bases of cuts 0.5 Feet
Bases of fills 0.5 Feet
Full depth on all embankments.

WORK BY WELD COUNTY - FORCE ACCOUNT

STATION TO STATION	QUANTITY-TONS			
	AGGREGATE BASE COURSE		HOT BITUMINOUS PAVEMENT	
	T	CLASS 6	BOTTOM LAYER GRADING	TOP LAYER GRADING
582+24.46 to 650+00	6"	4065	2236	1559
650+00 to 880+70	2"	9228	7614	5307
ESTIMATED FOR ROAD APPROACHES		1650	520	
ESTIMATED FOR CORRECTING IRRIG.		572		
TOTALS		15,515	10,370	6,866

* IN ADDITION TO AGGREGATE BASE COURSE PLACED ON PHASE 1

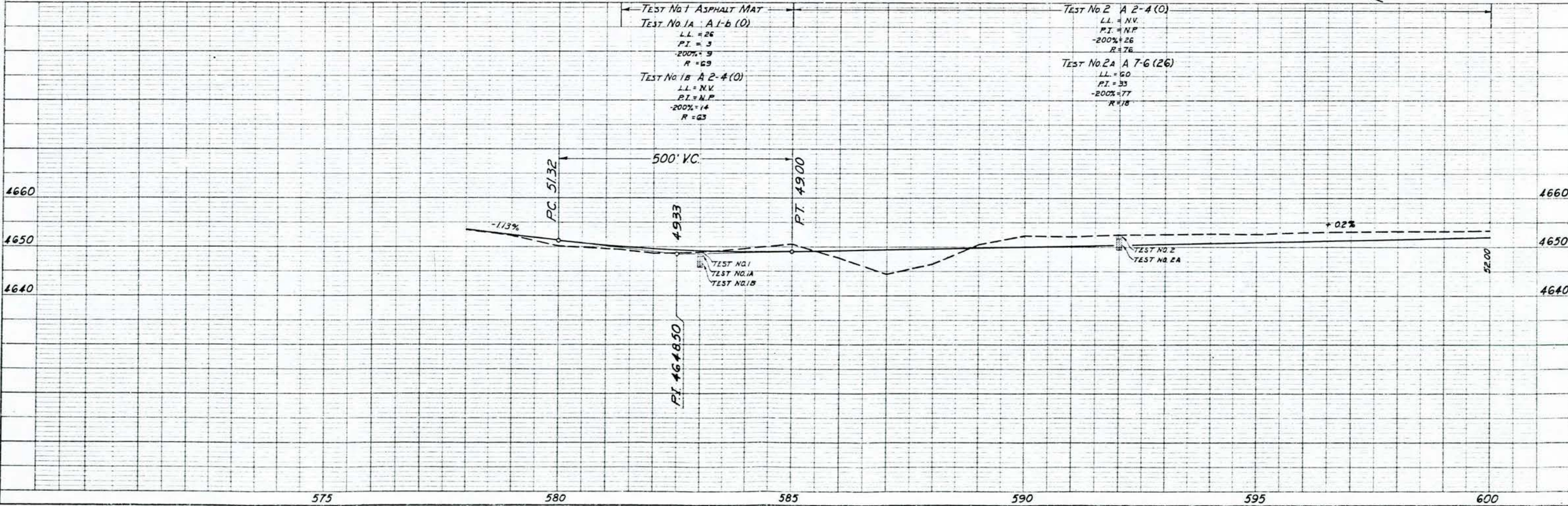
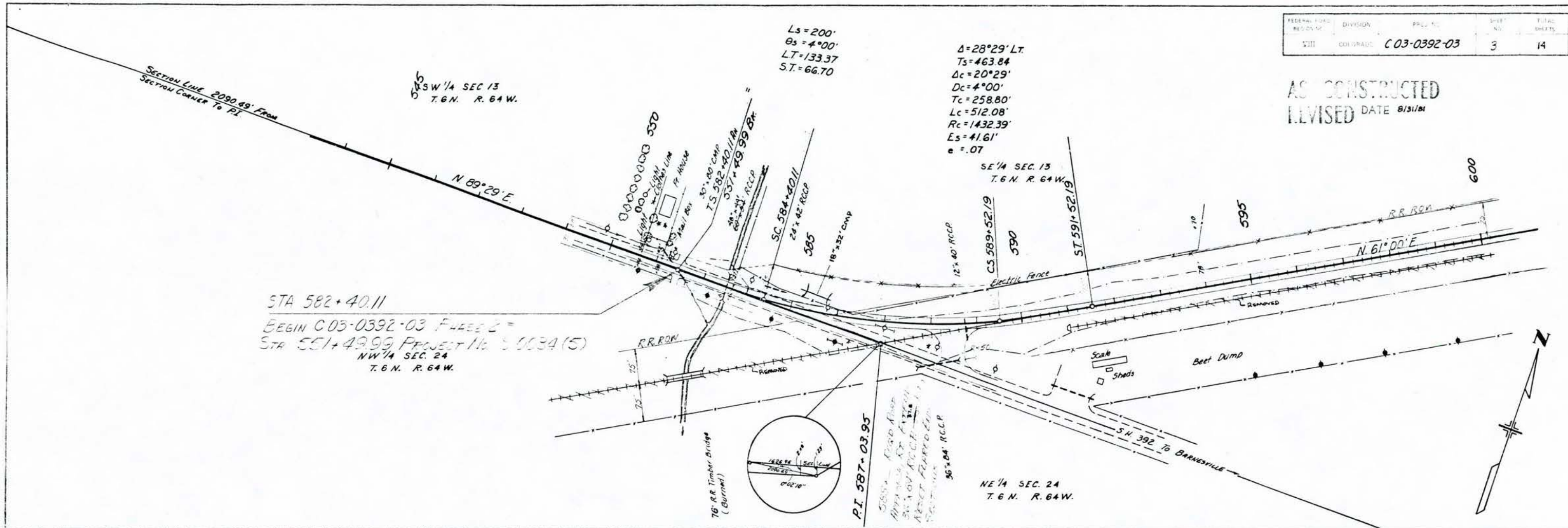
17,236

FEDERAL ROAD DISTRICT	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	CORRIGADO	C03-0392-03	3	14

AS CONSTRUCTED
REVISED DATE 8/31/81

PLAN
NOTE BOOK
No.

PROFILE
NOTE BOOK
No.



FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	C03-0392-03	4	14

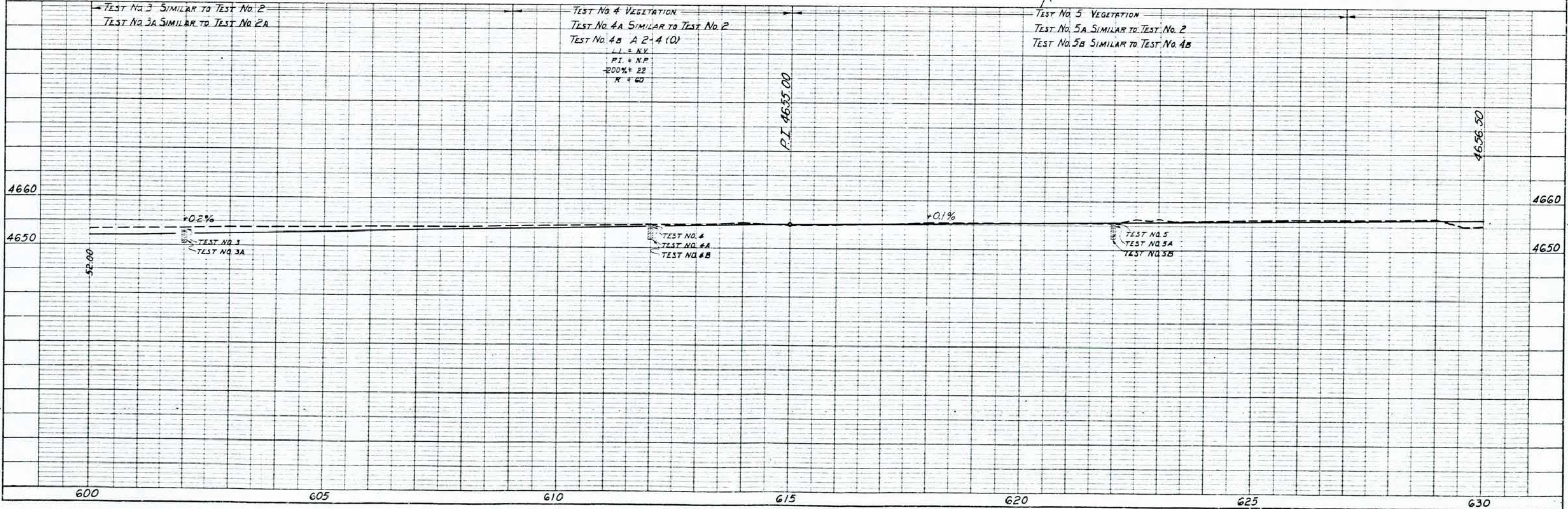
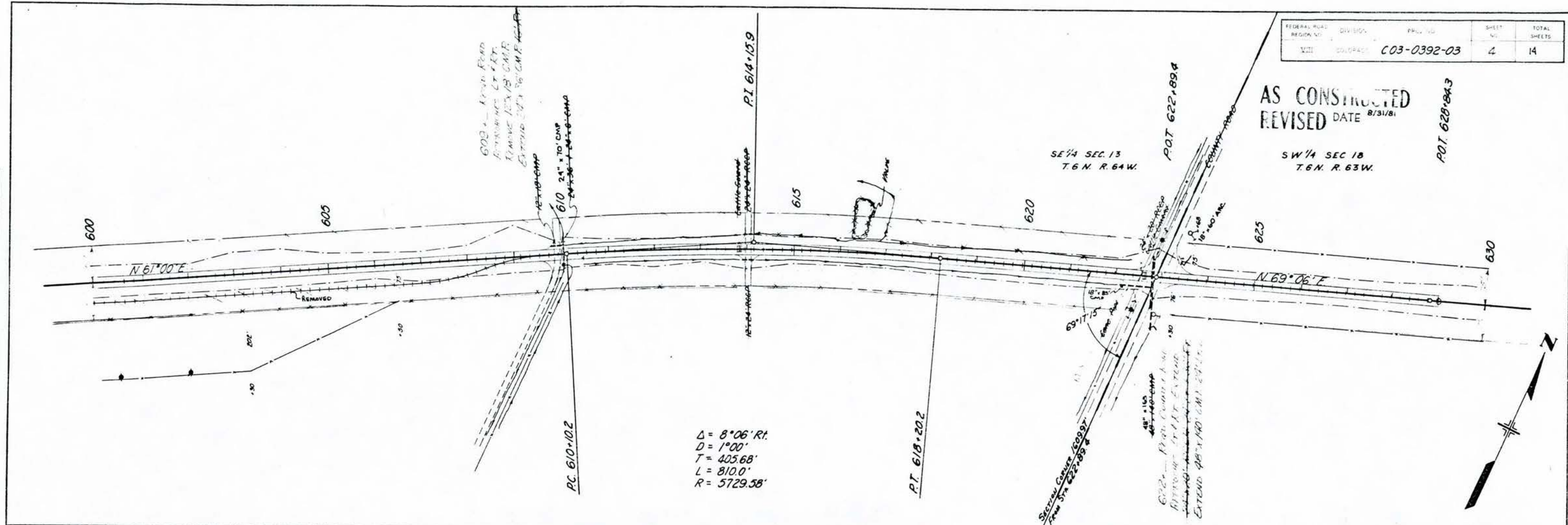
AS CONSTRUCTED
REVISED DATE 8/31/81

SW 1/4 SEC 18
T.6 N. R. 63 W.

P.O.T. 628+84.3

PLAN
NOTE BOOK
No.

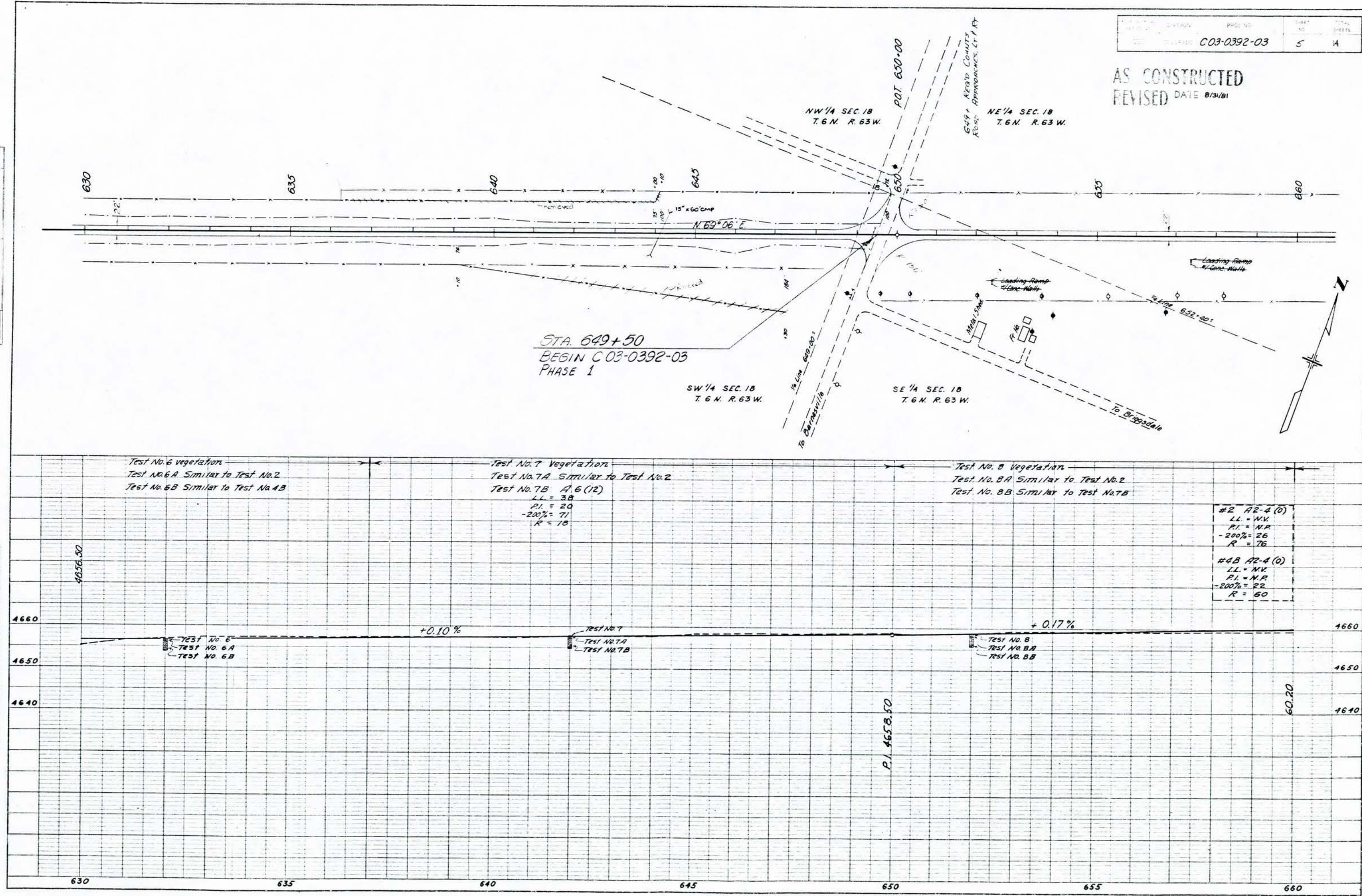
PROFILE
NOTE BOOK
No.



AS CONSTRUCTED
REVISED DATE 8/31/81

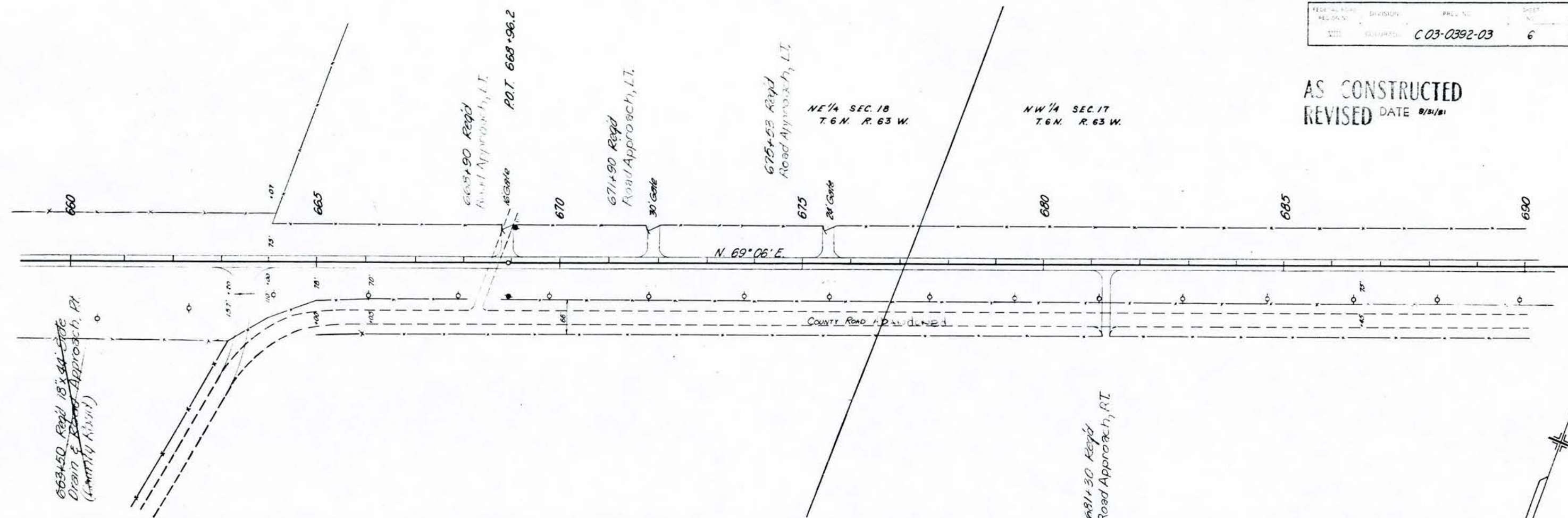
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NOTE BOOK
No.

PROFILE
NOTE BOOK
No.

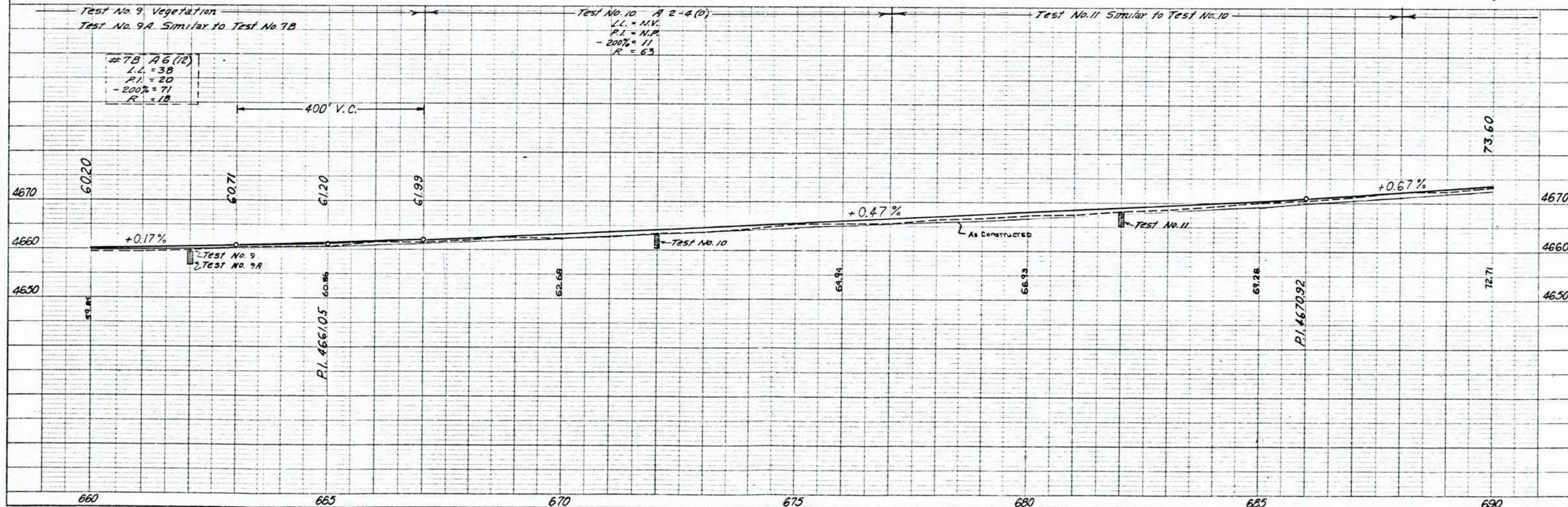


AS CONSTRUCTED
REVISED DATE 8/31/81

PLAN
NOTE BOOK
No.



PROFILE
NOTE BOOK
No.



PLAN

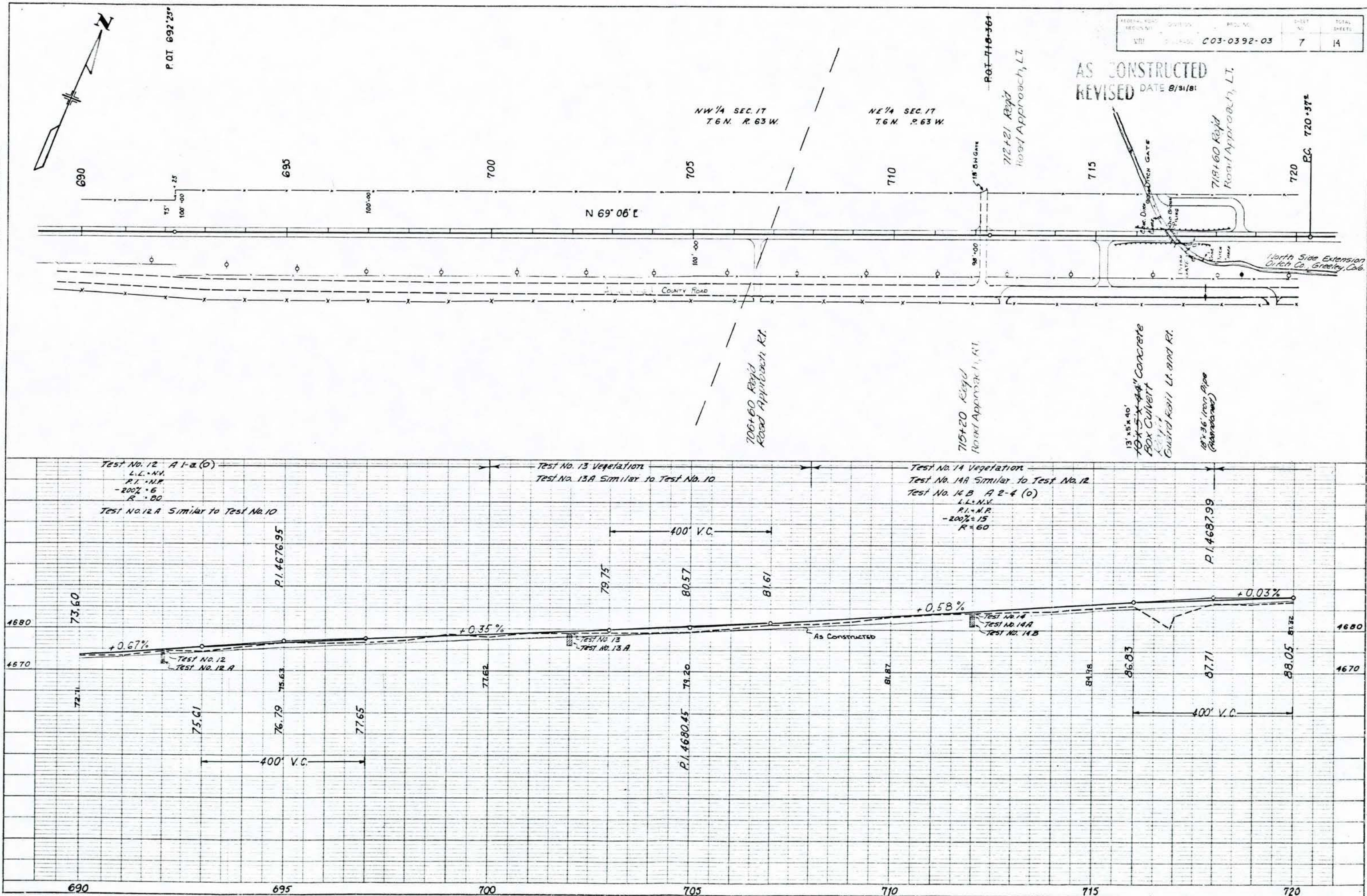
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PROFILE

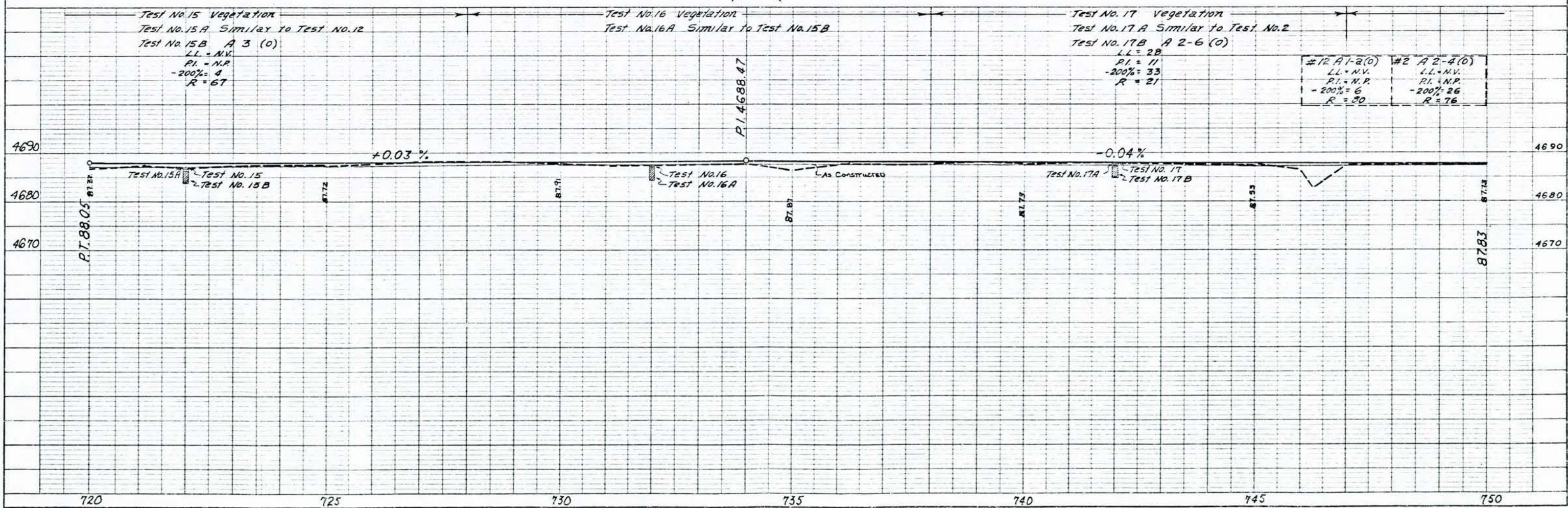
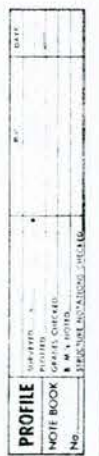
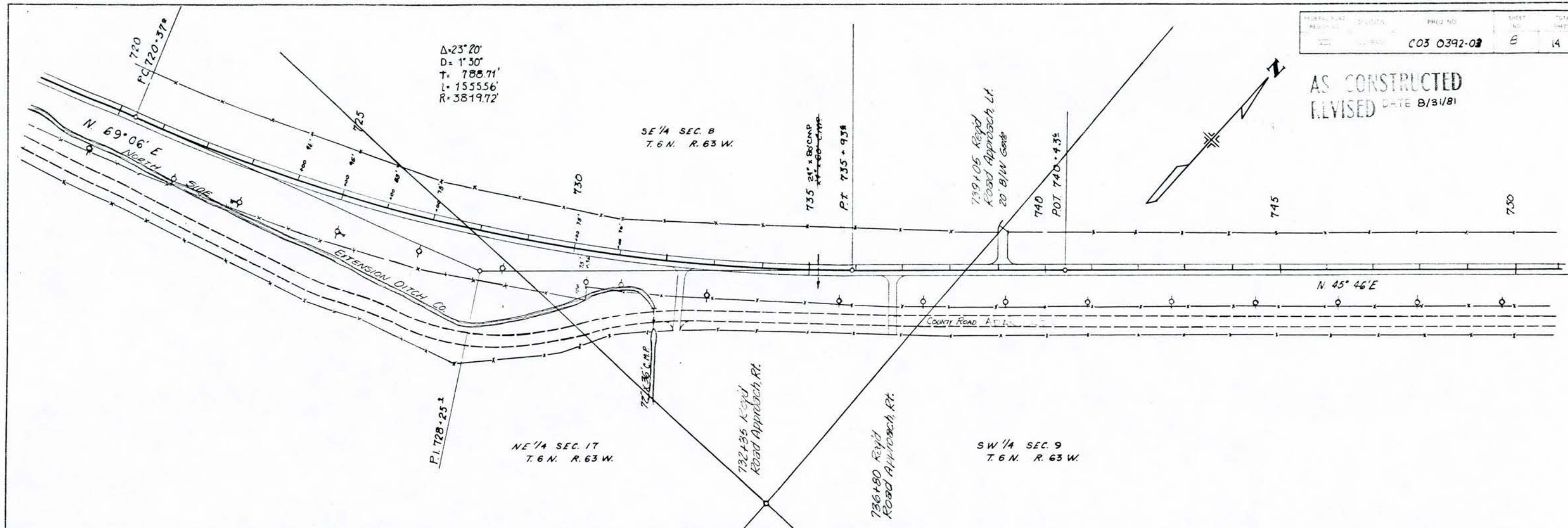
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FEDERAL ROAD DISTRICT NO.	SECTION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VI	1-4-50	C03-0392-03	7	14

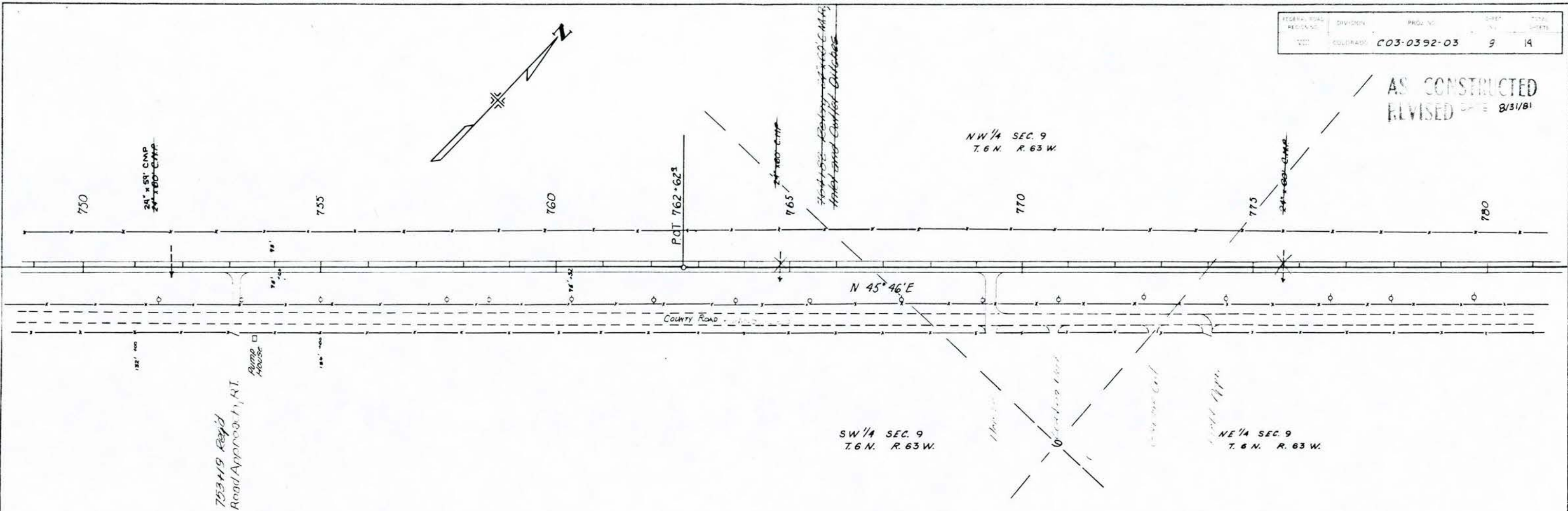
AS CONSTRUCTED
REVISED DATE 8/31/81



AS CONSTRUCTED
REVISED DATE 8/31/81



AS CONSTRUCTED
 REVISED DATE 8/31/81



Test No. 18 Vegetation
 Test No. 18A Similar to Test No. 17B

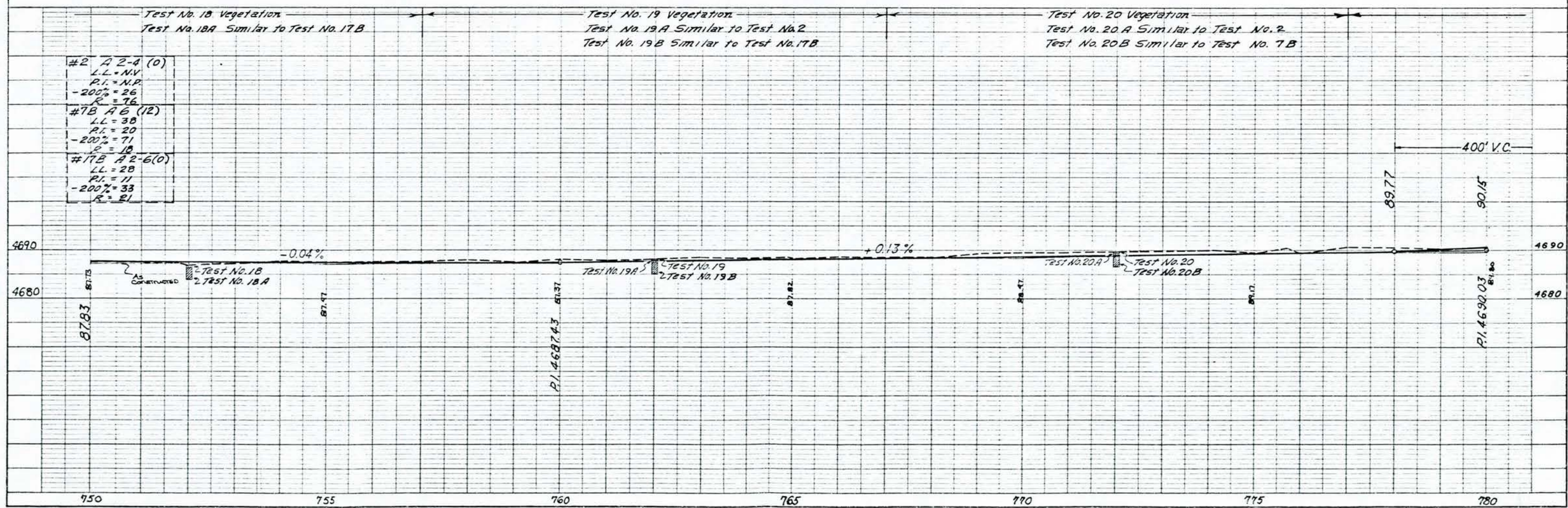
Test No. 19 Vegetation
 Test No. 19A Similar to Test No. 2
 Test No. 19B Similar to Test No. 17B

Test No. 20 Vegetation
 Test No. 20A Similar to Test No. 2
 Test No. 20B Similar to Test No. 7B

#2 A 2-4 (0)
 L.L. = N.V.
 P.I. = N.P.
 -200% = 26
 R = 76

#7B A 6 (12)
 L.L. = 38
 P.I. = 20
 -200% = 71
 R = 10

#17B A 2-6 (0)
 L.L. = 28
 P.I. = 11
 -200% = 33
 R = 21



PLAN
 NOTE BOOK
 NO.

PROFILE
 NOTE BOOK
 NO.

PLAN
No.

PROFILE
No.

FEDERAL ROAD DISTRICT	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	003-0392-03	10	14

AS CONSTRUCTED
REVISED DATE 8/8/81

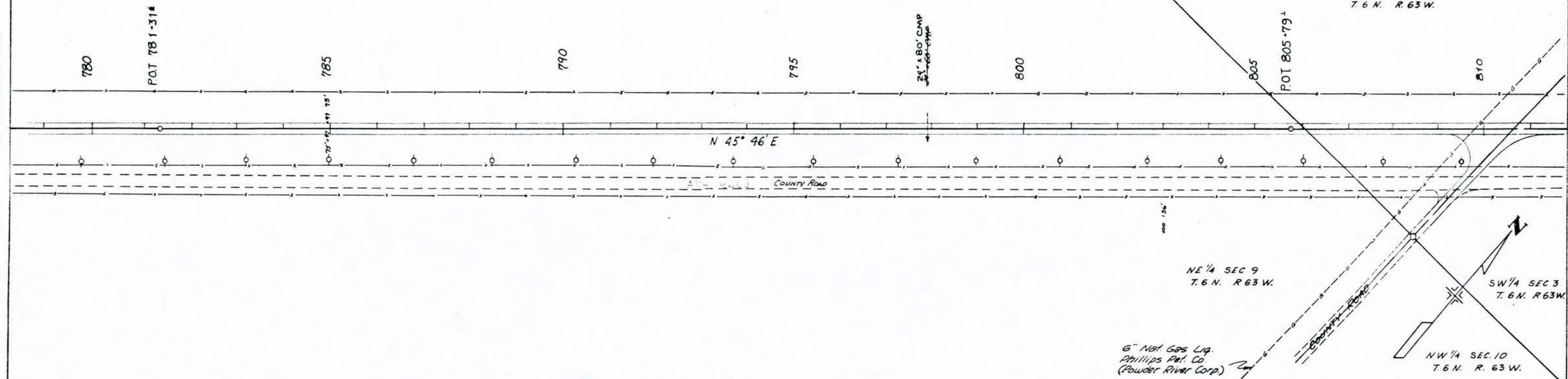
SE 1/4 SEC. 4
T. 6 N. R. 63 W.

NE 1/4 SEC. 9
T. 6 N. R. 63 W.

SW 1/4 SEC. 3
T. 6 N. R. 63 W.

NW 1/4 SEC. 10
T. 6 N. R. 63 W.

6" Nat Gas Lq.
Phillips Pet. Co.
(Powder River Corp.)

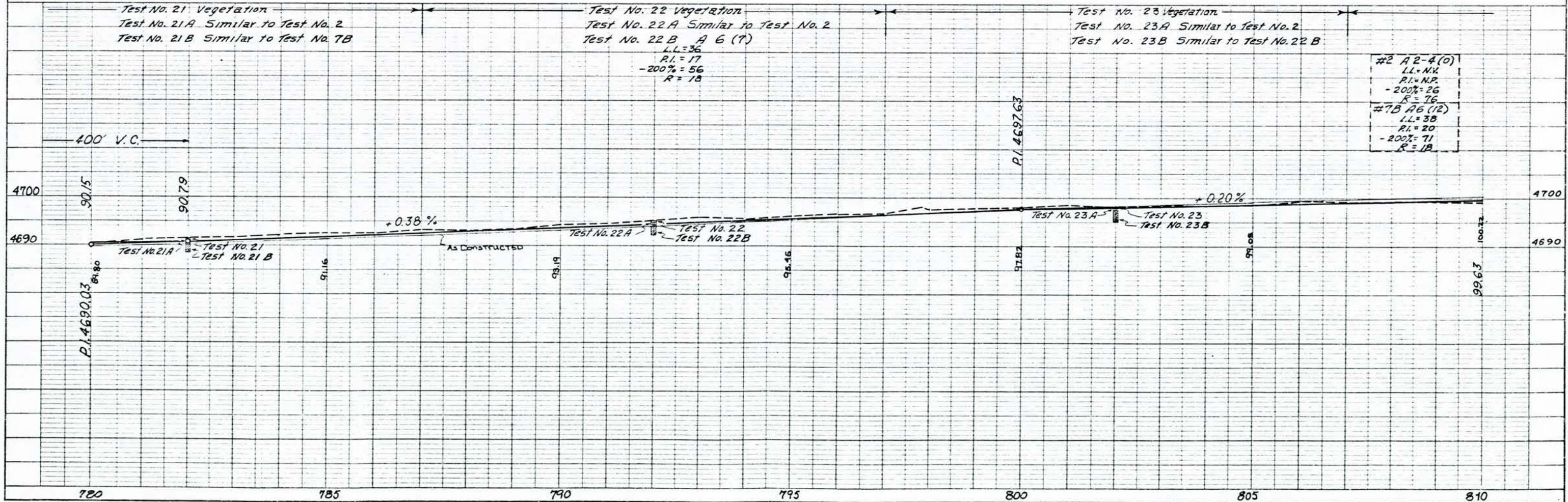


Test No. 21 Vegetation
Test No. 21A Similar to Test No. 2
Test No. 21B Similar to Test No. 7B

Test No. 22 Vegetation
Test No. 22A Similar to Test No. 2
Test No. 22B A 6 (T)
LL=36
PI=17
-200%=56
R=18

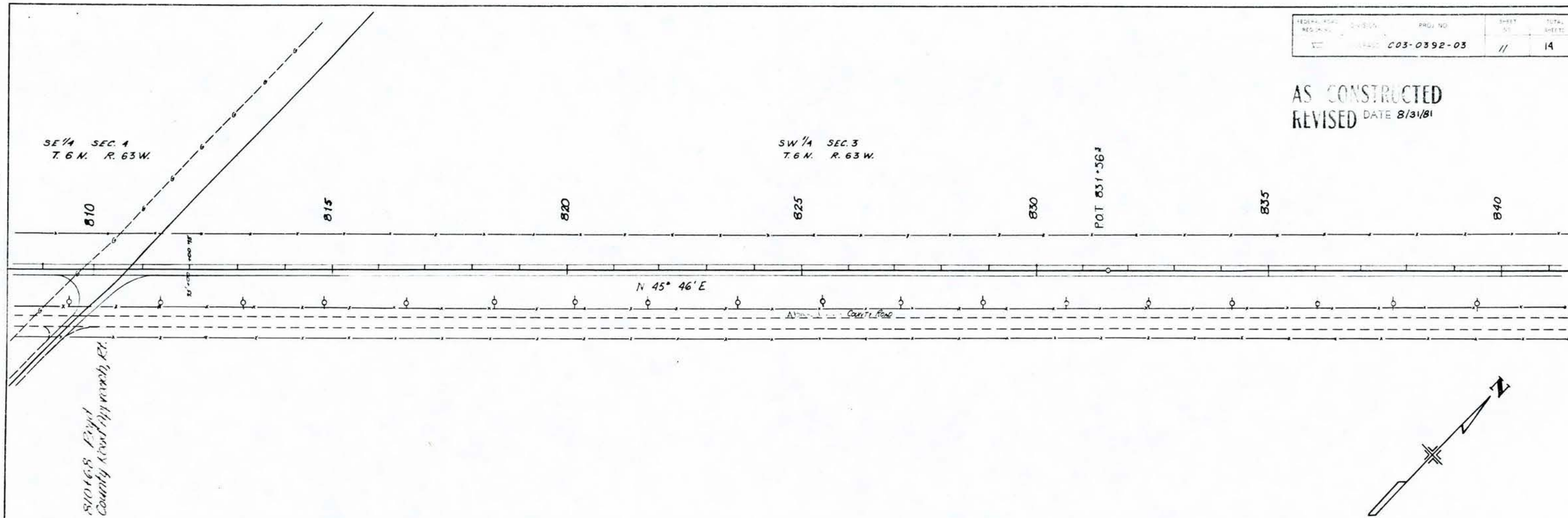
Test No. 23 Vegetation
Test No. 23A Similar to Test No. 2
Test No. 23B Similar to Test No. 22B

#2 A2-4(0)
LL=N/A
PI=N/A
-200%=26
R=76
#7B A6(12)
LL=38
PI=20
-200%=71
R=18

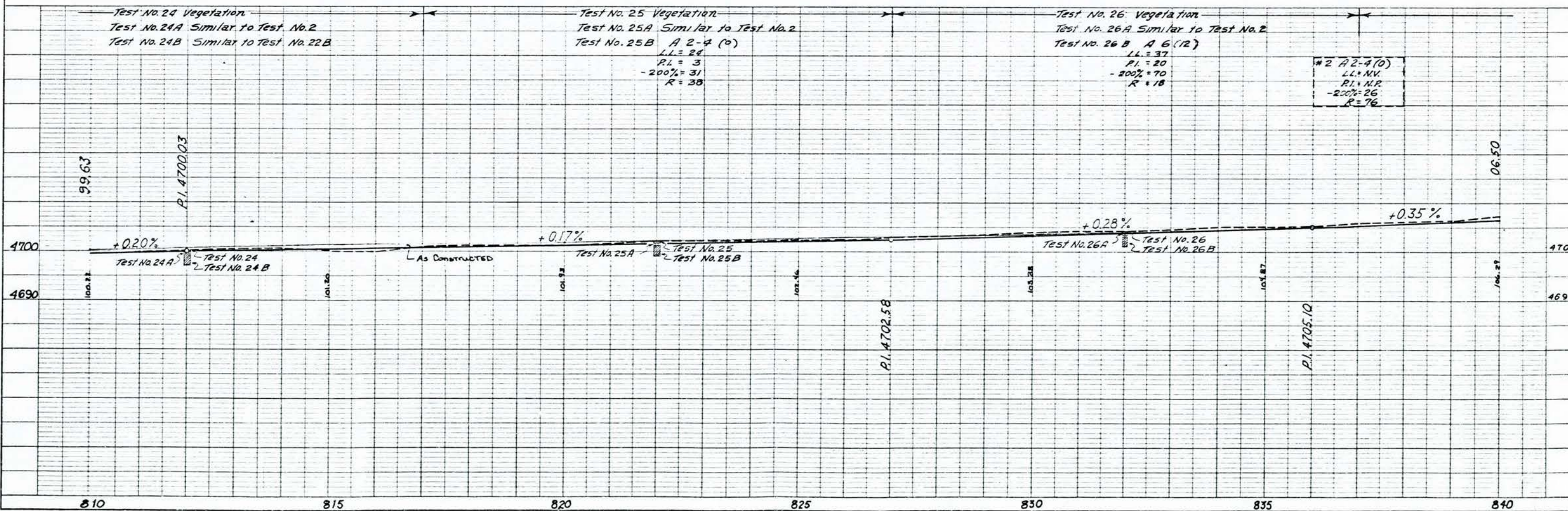


AS CONSTRUCTED
REVISED DATE 8/31/81

PLAN
NOTE BOOK
No.

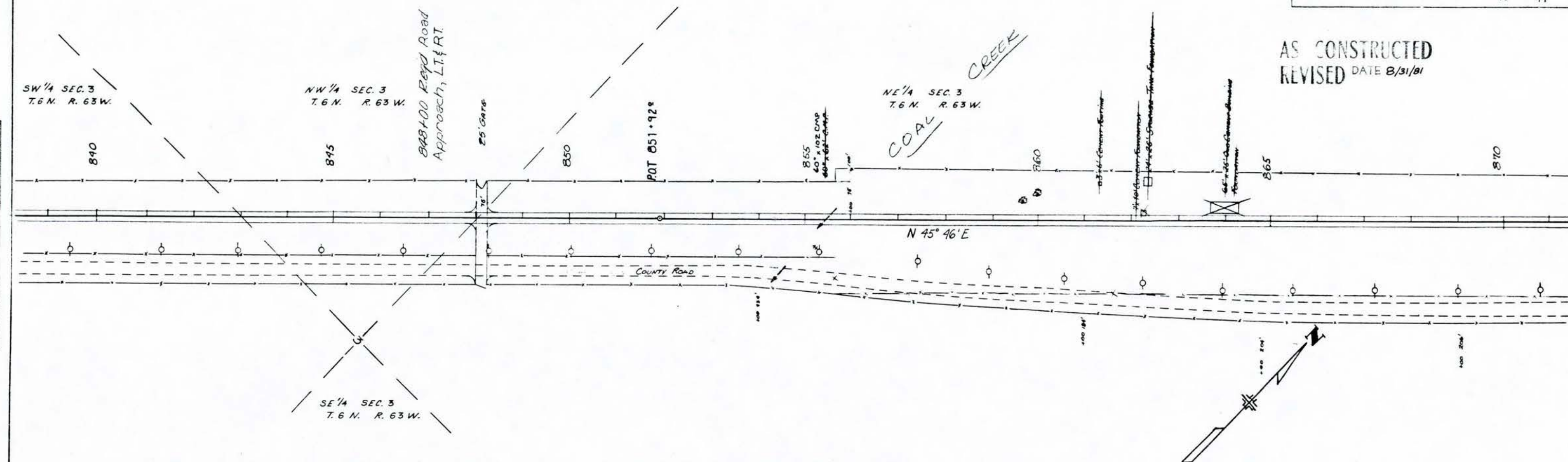
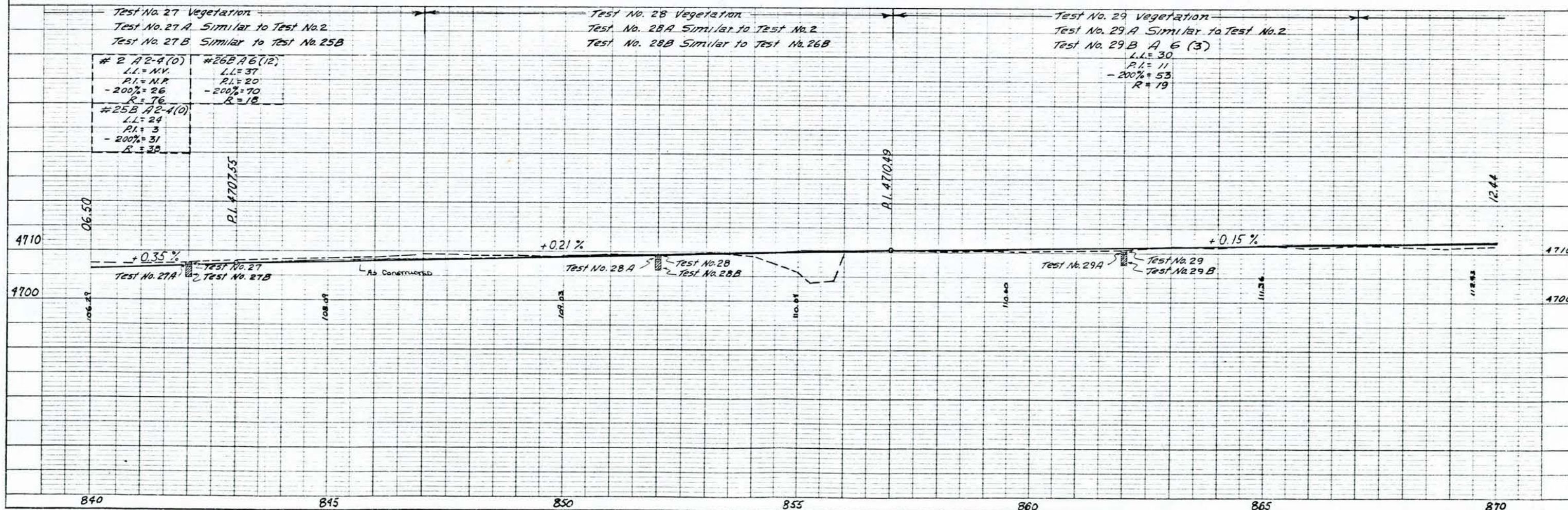


PROFILE
NOTE BOOK
No.



AS CONSTRUCTED
REVISED DATE 8/31/81

PLAN	SURVIVED	DATE
NOTE BOOK	PLACED IN	DATE
NO	PLACED IN	DATE

[illegible]

AS CONSTRUCTED
REVISED DATE 8/31/81

PLAN
Scale 1" = 40'

PROFILE
Scale 1" = 10'

