

COLORADO

DEPARTMENT OF HIGHWAYS

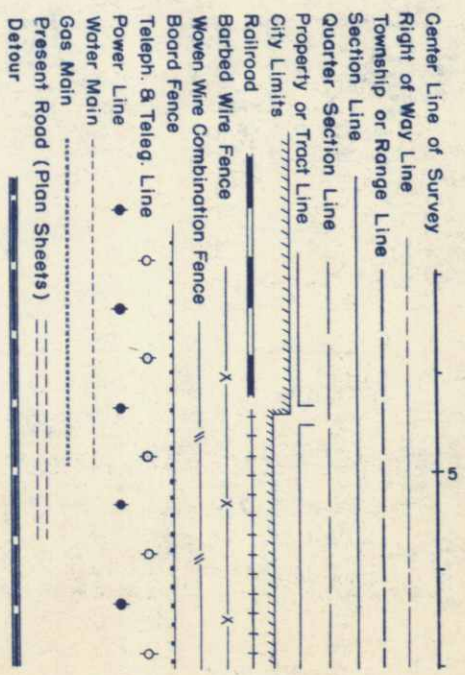
PLAN AND PROFILE OF PROPOSED

FEDERAL AID SECONDARY PROJECT NO. S 0024(13)

STATE HIGHWAY NO. 14

WELD COUNTY

CONVENTIONAL SIGNS



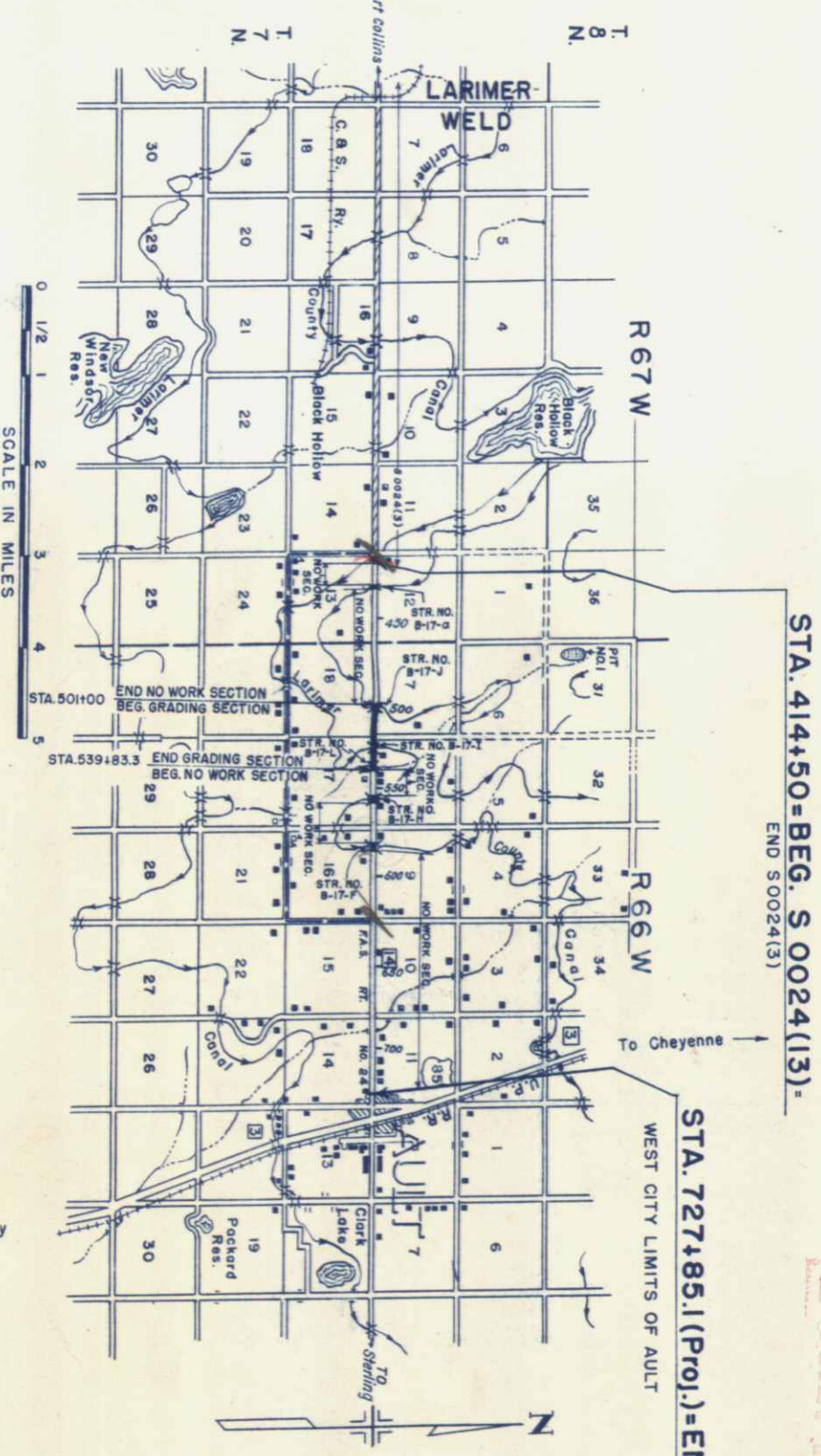
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TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY		MAJOR STRUCT'S		NO WORK SECTION
	LN. FT.	LN. FT.	LOADING	LN. FT.	
414+50 = BEGIN S 0024(13) = END S 0024(13) (Pierce Lateral) C.B.C. Str. No. B-17a 434+57.0 434+79.0	22.0			2,007.0	
501+00	154.8			6,621.0	
502+54.8 BK.=] EQUA. 502+54.0 AH.	336.0				
505+90.0] (Pierce Lateral) Str. No. B-17-J 506+15.5	2667.4	25.5	H20-S16		
532+82.9] (Pierce Lateral) Str. No. B-17-I 533+08.5	527.6	25.6	H20-S16		
538+36.1 BK.=] EQUA. 538+35.7 AH.	31.3				
538+67.0] (Pond) Str. No. B-17-L 539+83.3	116.3	116.3	H20-S16	1,895.7	
558+79.0] (Canal) Str. No. B-17-H 559+04.5	25.5	25.5	H20-S16	2,724.5	
586+23.0] (Canal) Str. No. B-17-F 586+34.5	25.5	25.5	H20-S16	3,864.7	
625+19.2 BK.=] EQUA. 625+19.4 AH.				10,263.7	
727+85.1 = END S 0024(13)					
TOTALS	3,739.1	218.4		27,378.6	
ROADWAY SUMMARY					
MAJOR STRUCTURES	3,739.1	3,739.1		0.708	
NET LENGTH (S 0024(13))	2,184.4	2,184.4		0.041	
NO WORK SECTIONS	27,378.6	27,378.6		0.749	
GROSS LENGTH S 0024(13)	31,336.1	31,336.1		5.186	
DESIGN DATA				5.935	

Maximum Degree of Curve 1°00'
 Maximum Grade 6.00%
 Minimum N.P.S.D. Vertical 4.75'
 Minimum N.P.S.D. Horizontal >1300'
 Maximum Design Speed 60 M.P.H.



AS CONSTRUCTED PLANS
RETURN TO DIST. & DESIGN

NOTICE TO BIDDERS

IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:

Construction Engineer - E.W. Oviatt - Greeley, Colorado.
 Resident Engineer - H.J. Winter - Greeley, Colorado.
 Resident Phone - Greeley 1629 J.

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED: *[Signature]* CHIEF ENGINEER DATE 1-9-57

APPROVED: _____ DISTRICT ENGINEER DATE _____

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

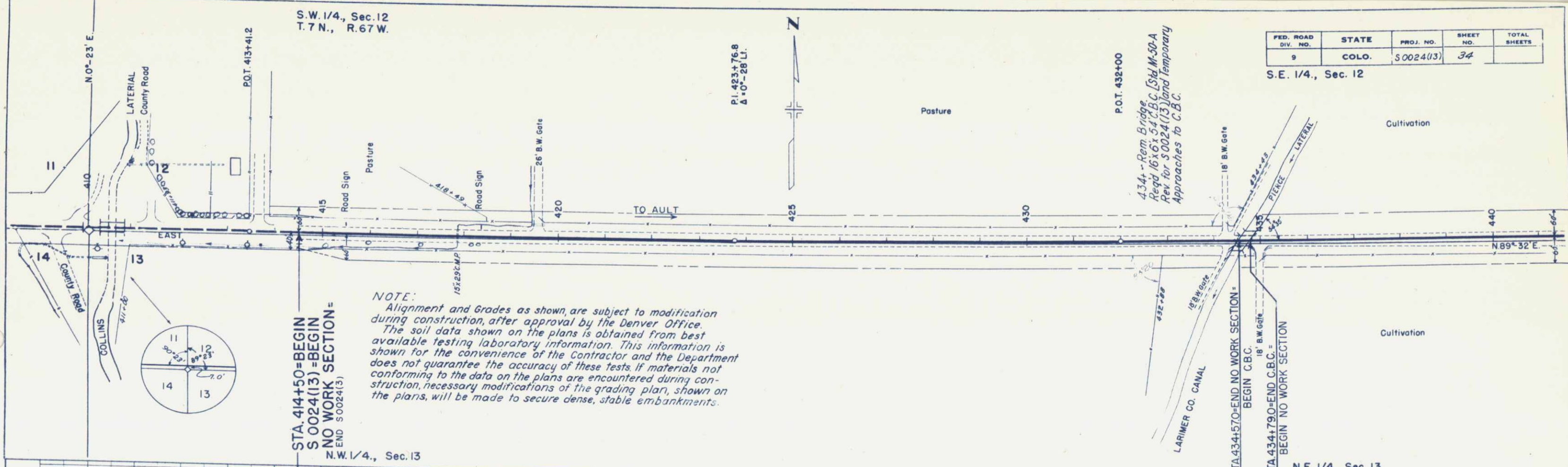
S.W. 1/4, Sec. 12
T. 7 N., R. 67 W.

FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0024(13)	34	

S.E. 1/4, Sec. 12

DATE: 10/29/49
BY: H.C. Wilson
CHECKED: H.C. Wilson
DATE: 11/2/49
BY: H.C. Wilson
CHECKED: H.C. Wilson

DATE: 10/29/49
BY: H.C. Wilson
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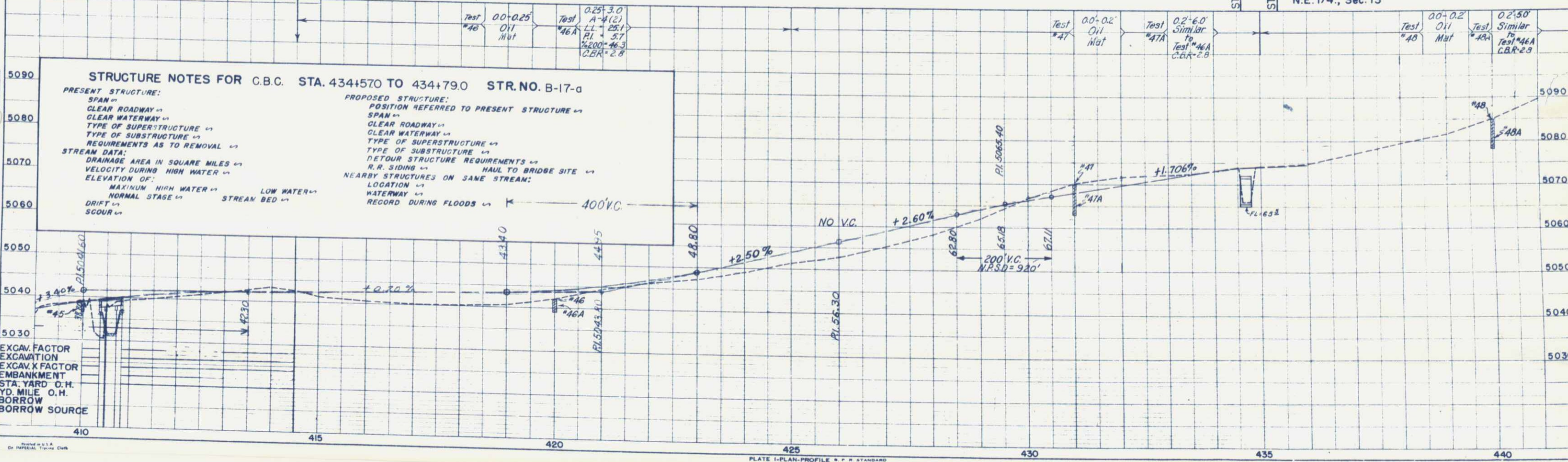


STA. 414+50=BEGIN
S 0024(13) =BEGIN
NO WORK SECTION=
END S 0024(13)

NOTE:
Alignment and Grades as shown, are subject to modification during construction, after approval by the Denver Office. The soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on the plans are encountered during construction, necessary modifications of the grading plan, shown on the plans, will be made to secure dense, stable embankments.

N.W. 1/4, Sec. 13

N.E. 1/4, Sec. 13



STRUCTURE NOTES FOR C.B.C. STA. 434+570 TO 434+790 STR. NO. B-17-a

PRESENT STRUCTURE:
SPAN
CLEAR ROADWAY
CLEAR WATERWAY
TYPE OF SUPERSTRUCTURE
TYPE OF SUBSTRUCTURE
REQUIREMENTS AS TO REMOVAL

STREAM DATA:
DRAINAGE AREA IN SQUARE MILES
VELOCITY DURING HIGH WATER
ELEVATION OF:
MAXIMUM HIGH WATER
NORMAL STAGE
DRIFT
SCOUR

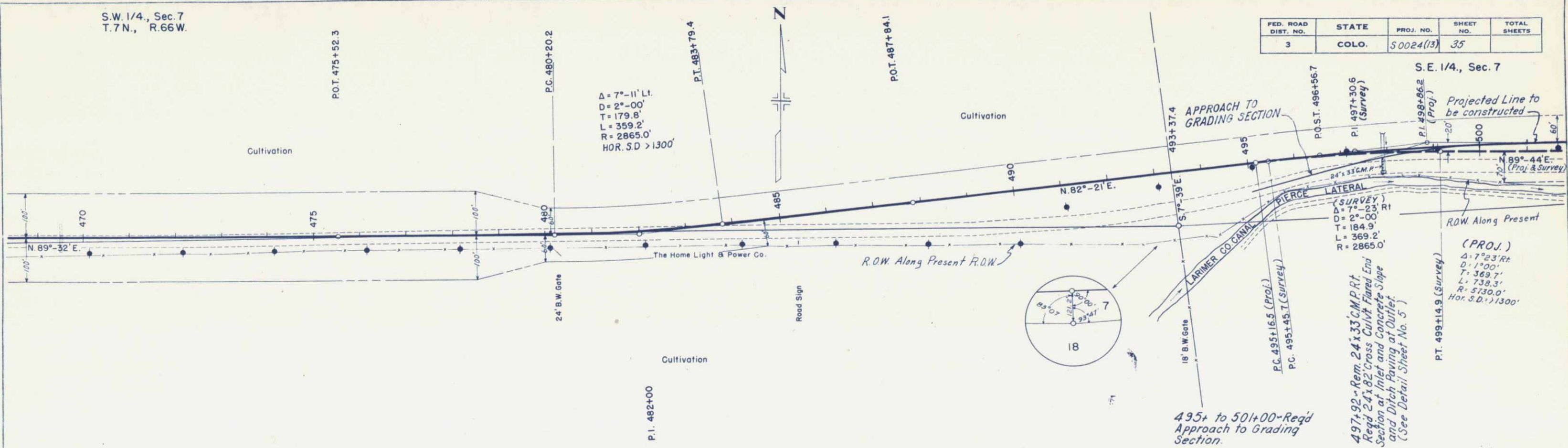
PROPOSED STRUCTURE:
POSITION REFERRED TO PRESENT STRUCTURE
SPAN
CLEAR ROADWAY
CLEAR WATERWAY
TYPE OF SUPERSTRUCTURE
TYPE OF SUBSTRUCTURE
DETOUR STRUCTURE REQUIREMENTS
R.R. SIDING
HAUL TO BRIDGE SITE
NEARBY STRUCTURES ON SAME STREAM:
LOCATION
WATERWAY
RECORD DURING FLOODS

EXCAV. FACTOR
EXCAVATION
EXCAV. X FACTOR
EMBANKMENT
STA. YARD O.H.
YD. MILE O.H.
BORROW
BORROW SOURCE

S.W. 1/4., Sec. 7
T.7N., R.66W.

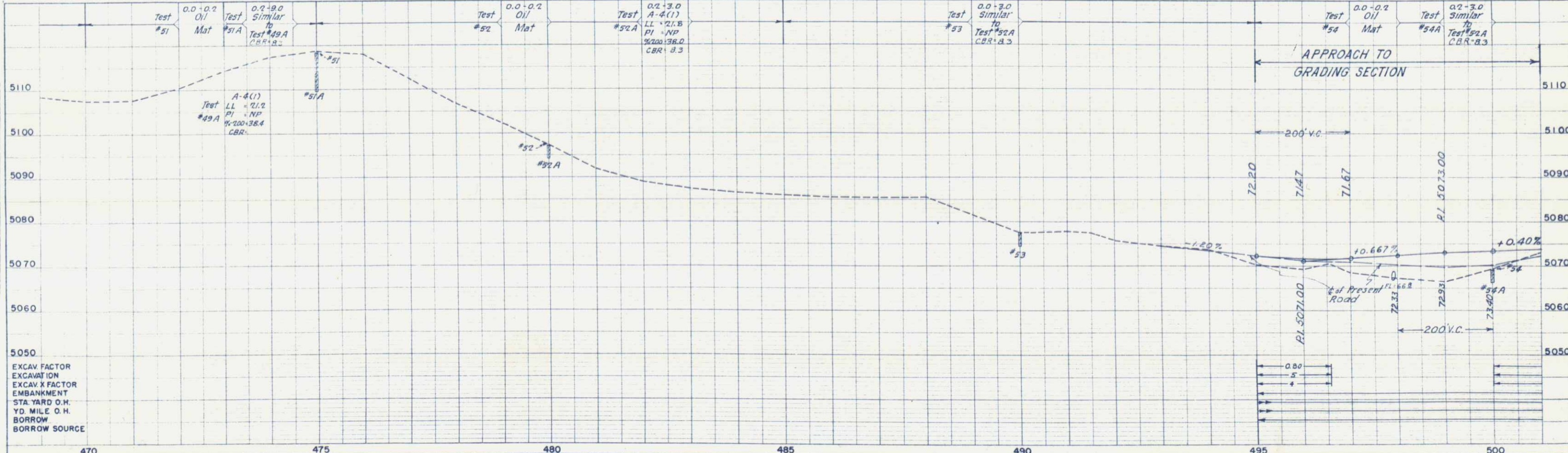
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	50024(13)	35	

S.E. 1/4., Sec. 7



N.W. 1/4., Sec. 18

N.E. 1/4., Sec. 18



SURVEYED BY: H. C. PARSONS
 CHECKED BY: H. C. PARSONS
 DATE: 11/10/49
 PROJECT: S.W. 1/4., Sec. 7, T.7N., R.66W.

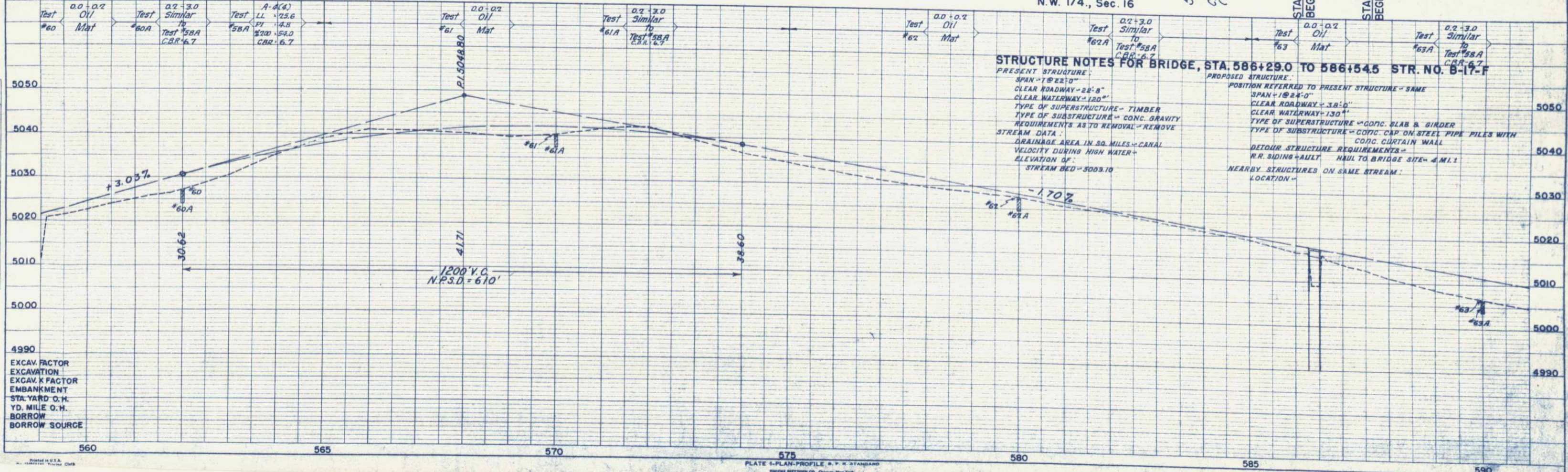
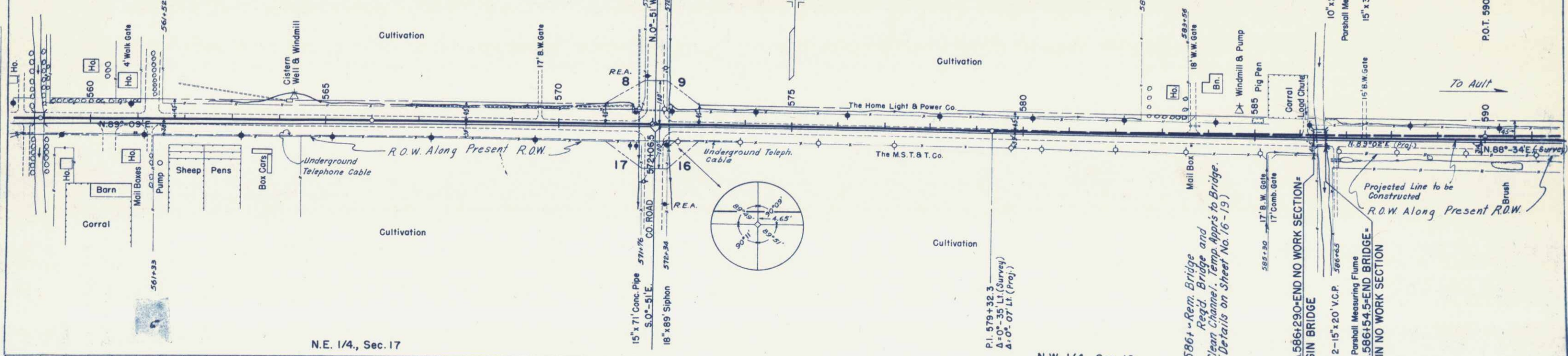
SURVEYED BY: H. C. PARSONS
 CHECKED BY: H. C. PARSONS
 DATE: 11/10/49
 PROJECT: S.W. 1/4., Sec. 7, T.7N., R.66W.

EXCAV. FACTOR
 EXCAVATION
 EXCAV. X FACTOR
 EMBANKMENT
 STA. YARD O.H.
 YD. MILE O.H.
 BORROW
 BORROW SOURCE

S.E. 1/4., Sec. 8
T.7 N., R.66 W.

S.W. 1/4., Sec. 9

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0024(3)	38	



DATE 11/19/49
BY Homer J. R. C. B. B. B.
SUPERVISED BY
CHECKED BY
ALIGNED CHECKED BY
RT. OF WAY CHECKED BY
PLAN NO. 158594

DATE 11/19/49
BY Homer J. R. C. B. B. B.
SUPERVISED BY
CHECKED BY
STRUCTURE NOTATIONS BY
PROFILE NO. 158594