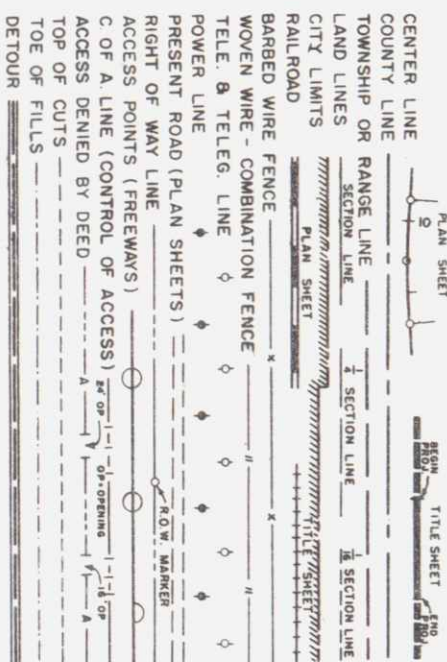


CONVENTIONAL SIGNS

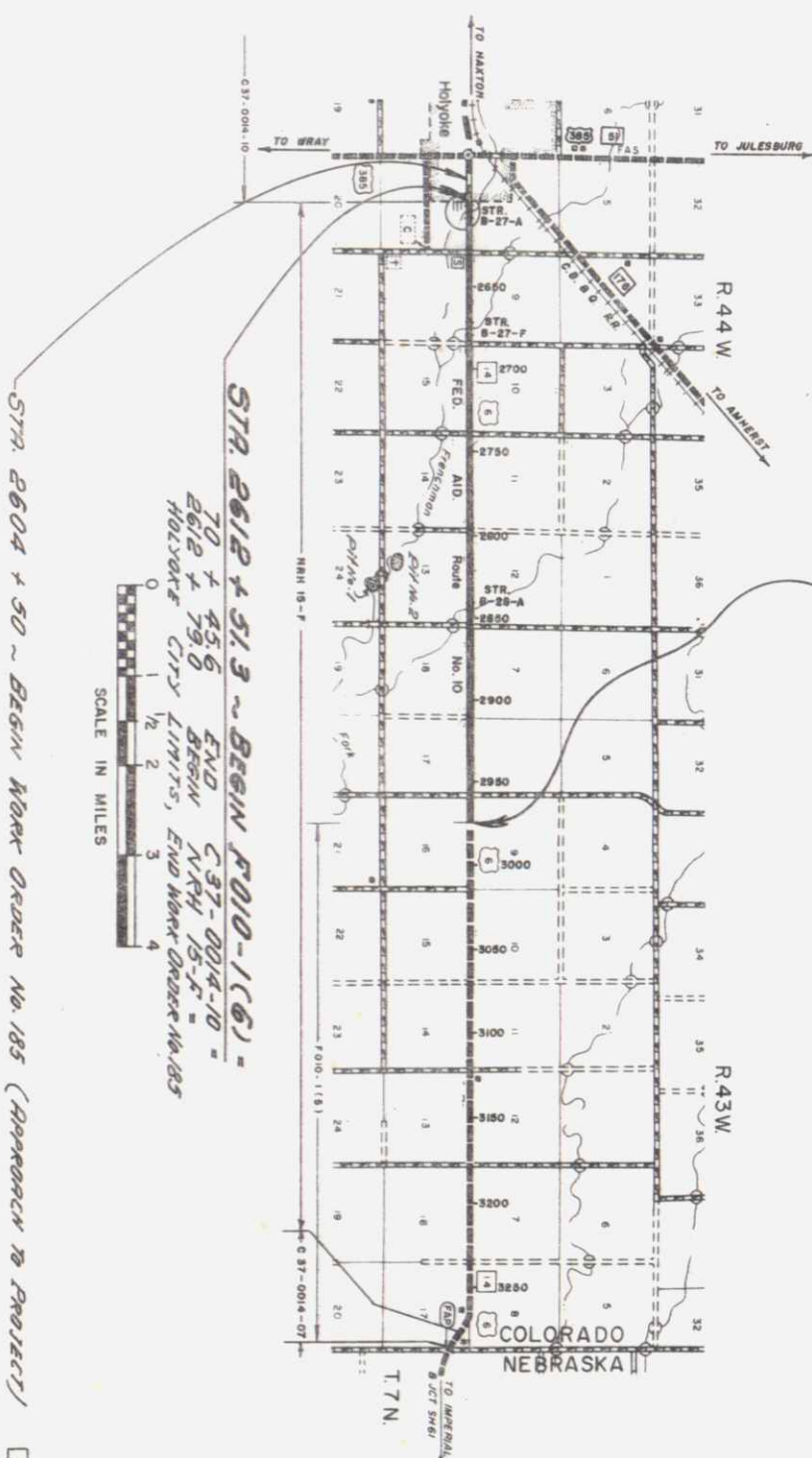


DEPARTMENT OF HIGHWAYS  
STATE OF COLORADO  
PLAN AND PROFILE OF PROPOSED  
FEDERAL AID PROJECT NO. F 010-1(6)  
STATE HIGHWAY NO. 14  
PHILLIPS COUNTY

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  
ROADWAY - NET & GROSS LENGTH = 36,248.7 LIN. FT. = 6.965 MI.

STA. 2975 + 00.0 ~ END F 010-1(6) -  
2975 + 00.0 BEGIN F 010-1(6) -  
2975 + 28.7 ON N.R.H. 15-F

| STATION                                                                                                                      | ROADWAY<br>LIN. FT. |
|------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 2612 + 51.3 ~ BEGIN F 010-1(6) -<br>2612 + 45.6 END C 37-0014-10 -<br>2612 + 79.0 BEGIN N.R.H. 15-F -<br>HOLYOKE CITY LIMITS | 580.2               |
| 2618 + 31.5 ~ BRIDGE                                                                                                         | 161.2               |
| 2682 + 22.3 ~ BRIDGE                                                                                                         | 6,229.6             |
| 2682 + 92.6 ~ BRIDGE                                                                                                         | 70.3                |
| 2844 + 74.2 ~ BRIDGE                                                                                                         | 16,181.6            |
| 2844 + 98.6 ~ BRIDGE                                                                                                         | 24.4                |
| 2975 + 00.0 ~ END F 010-1(6) -<br>2975 + 00.0 BEGIN F 010-1(6) -<br>2975 + 28.7 ON N.R.H. 15-F                               | 13,001.4            |
| TOTAL                                                                                                                        | 36,248.7            |
| SUMMARY                                                                                                                      | LIN. FT. MILES      |
| ROADWAY-NET & GROSS LENGTH                                                                                                   | 36,248.7 6.965      |
| DESIGN DATA                                                                                                                  |                     |
| Maximum Degree of Curve                                                                                                      | 0° 30'              |
| Maximum Grade                                                                                                                | 1.0 %               |
| Minimum SSD - Horizontal                                                                                                     | > 1,300'            |
| Minimum SSD - Vertical                                                                                                       | 670'                |
| Maximum Design Speed                                                                                                         | 70 M.P.H.           |



INDEX OF SHEETS

| SHEET NO. | DESCRIPTION                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------|
| 1         | Sketch Map, Title Page, Tabulation of Length and Design Data.                                     |
| 2         | Typical Section, General Notes and Detail of County Road Approaches with Accel. and Decel. Lanes. |
| 3         | Summary of Approximate Quantities                                                                 |
| 4, 5      | Structure Quantities                                                                              |
| 6         | Surfacing and Subbase Material Plans, Tabulations of Quantities and Material Plate Guard Fence.   |
| 7         | Location of Material Pits                                                                         |
| 8-14      | Alignment Plan and Profile Sheets.                                                                |
| 15        | Summary of Earthwork Quantities.                                                                  |
| 16        | Cross Sections for Structures.                                                                    |

SUPERELEVATION AND WIDENING OF CURVES - CROWNED HIGHWAYS

|                                                                         |                    |
|-------------------------------------------------------------------------|--------------------|
| APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE AND CREST WIDENING | (2-3-64) M-1-D     |
| CONSTRUCTION TRAFFIC SIGNS (2 SHEETS) (1-31-64) (1-31-64) (1-31-64)     | (2-3-64) M-2-A     |
| TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION (3 SHEETS)                     | (2-1-65) M-6-B     |
| IDENTIFICATION SIGNS                                                    | (6-26-64) M-6-CA   |
| DITCH TYPES                                                             | (2-3-64) M-13-A    |
| BACKFILL AROUND STRUCTURES                                              | (1-31-64) M-16-A   |
| CULVERT PIPE                                                            | (4-16-65) M-45-B   |
| METAL PLATE GUARD FENCE                                                 | (12-9-64) M-75-A   |
| DELINATORS                                                              | (1-14-65) M-192-AA |
| TIMBER BARRICADES                                                       | (2-1-65) M-142-AA  |

AS CONSTRUCTED PLANS  
RETURN TO DIST. 4 DESIGN

SEE SPECIAL PROVISIONS FOR  
NOTICE TO BIDDERS

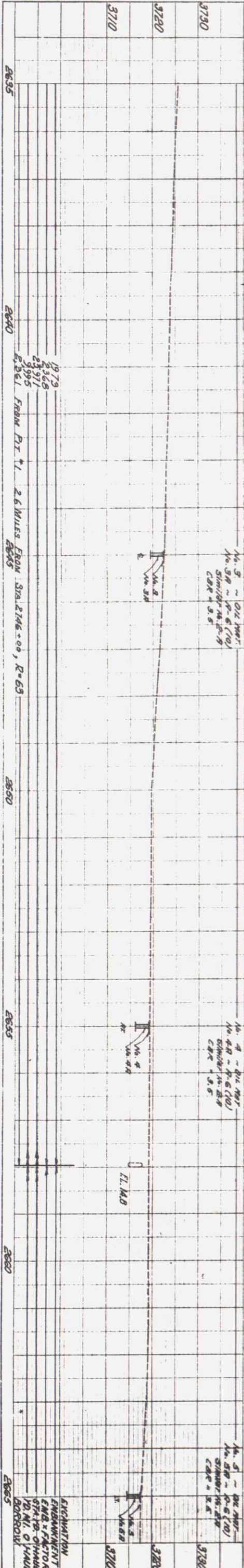
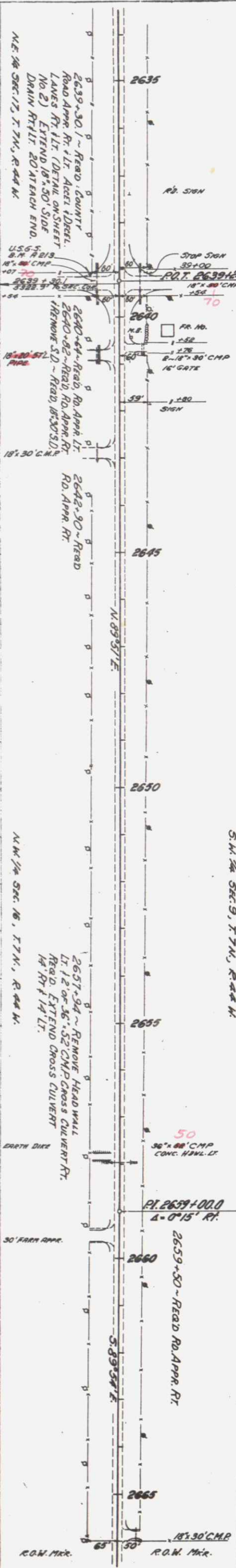
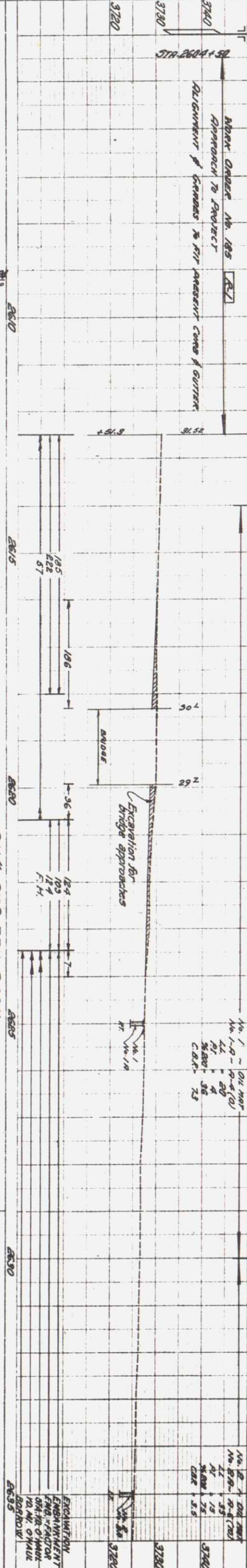
APPROVED: *James E. Shumate* 2-11-65  
CHIEF ENGINEER  
DATE  
By: *John L. Shumate* Deputy Chief Eng.  
DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
APPROVED: \_\_\_\_\_  
DATE \_\_\_\_\_  
DIVISION ENGINEER

NOTE: ALIGNMENT AND GRADES AS SHOWN ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION AFTER APPROVAL BY THE DISTRICT OFFICE. SOIL DATA OBTAINED ON THE ROAD IS OBTAINED FROM BEST AVAILABLE TESTING LABORATORY INFORMATION. THIS INFORMATION IS SHOWN FOR CONVENIENCE OF THE CONTRACTOR, AND THE DISTRICT OFFICE DOES NOT GUARANTEE THE ACCURACY OF THESE TESTS. IF MATERIALS NOT CONFORMING TO THE DATA ON PLANS ARE ENCOUNTERED DURING CONSTRUCTION THE ENGINEER SHALL BE INFORMED BY PLANS WILL BE MODIFIED WHERE NECESSARY TO SECURE DENSE, STABLE FUNDAMENTAL.

STA. 2612+31.3 ~ BEGIN F.O.D.-1(C6) =  
STA. 2612+31.3 ~ END C. 37-004-10-  
STA. 2612+31.3 ~ BEGIN N.P.H. 15-5-1 (1935)  
2612+ ~ ROAD APPR. TO PROJECT.  
2612+ ~ ROAD IDENTIFICATION SIGN RT. (3) (3) (3) (3)  
NAI IN POWER POLE RT 2612+21  
ELEV. 3731.05

WORK ORDER NO. 185  
APPROACH TO PROJECT  
ALIGNMENT & GRADES TO FIT PRESENT CURVE & GUTTER

P.O.T. 2612+51.3  
HOLYOKE CITY LIMITS  
2613+15 ~ REQ'D ROAD APPR. LT. EXTEND 24' S.D. 4' AT EACH END.  
2613+61 ~ REQ'D ROAD APPR. RT. EXTEND 18' S.D. 4' AT EACH END.  
2615+34 ~ REQ'D ROAD APPR. RT. EXTEND 18' S.D. 4' AT EACH END.  
2616+10 ~ REQ'D RD. APPR. RT. EXTEND 18' SIDE DRAIN RT. 4' AT EACH END.  
2618+31.5 ~ REQ'D RD. APPR. RT. EXTEND 18' SIDE DRAIN RT. 4' AT EACH END.  
P.O.T. 2619+92.7  
2622+40 ~ REQ'D ROAD APPR. LT. EXTEND 18' S.D. 4' AT EACH END.  
2624+27 ~ REQ'D RD. APPR. RT. RELAY. 18' S.D. 4' AT EACH END.  
2625+00 ~ REQ'D ROAD APPR. LT. EXTEND 18' S.D. 4' AT EACH END.  
2625+00 ~ REQ'D ROAD APPR. LT. EXTEND 18' S.D. 4' AT EACH END.  
2627+45 ~ REQ'D RD. APPR. LT. EXTEND 18' S.D. 4' AT EACH END.  
2628+80 ~ REQ'D RD. APPR. RT. EXTEND 18' S.D. 4' AT EACH END.  
2630+00 ~ REQ'D RD. APPR. RT. EXTEND 18' S.D. 4' AT EACH END.



| RD. ROAD DIST. NO. | STATE | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|--------------|-----------|--------------|
| 3                  | COLO. | F.O.D.-1(C6) | 8         |              |

ADDITIONAL NO. 185, 2-25-66, N.E.M.

HIGHLINE ELECT. ASSOC. HOLYOKE

PHILLIPS COUNTY TELEPH. CO., HOLYOKE, CALIF.

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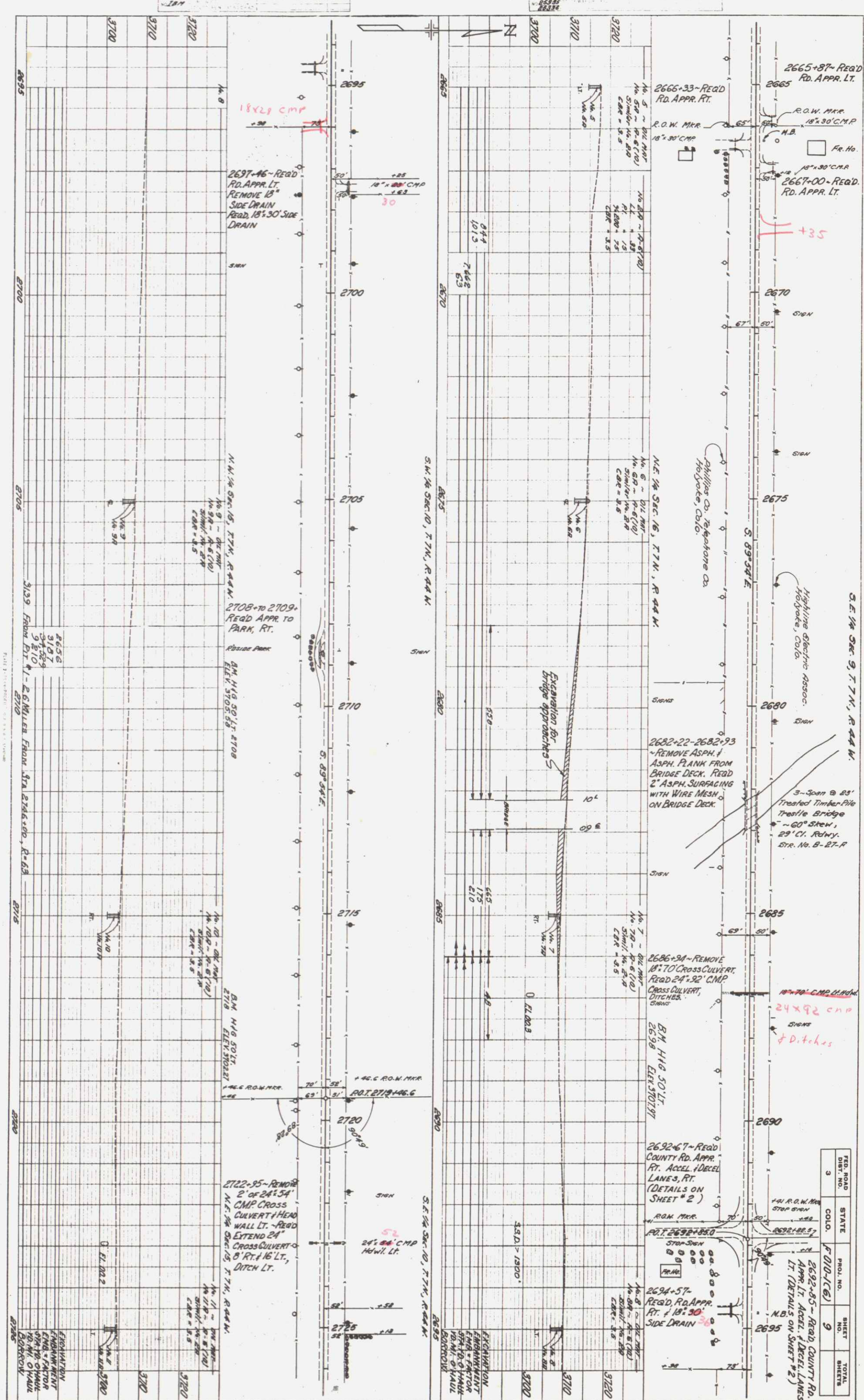
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PLAN  
NOTE: SEE ALL SHEETS FOR  
W-65385  
18234



| REQ. ROAD DIST. NO. | STATE | PROJ. NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-----------|--------------|
| 3                   | COLO. | F 010-1(6) | 9         |              |

2692+85 - READ COUNTY RD. APPR. LT. ACCEL. & DECEL. LANES (DETAILS ON SHEET #2)

2694+57 - READ, RD. APPR. RT. & 18' 30\"/>

2692+67 - READ COUNTY RD. APPR. RT. ACCEL. & DECEL. LANES, RT. (DETAILS ON SHEET #2)

2686+94 - REMOVE 18\"/>

2682+22-2682+93 - REMOVE ASPH. & ASPH. PLANK FROM BRIDGE DECK. READ 2\"/>

Highline Electric Assoc. Holyoke, Colo.  
S. 89-34 E.  
2680 SIGN

Phillips Co. Telephone Co. Holyoke, Colo.

N.E. 1/4 SEC. 16, T.7N., R.44W.

S.W. 1/4 SEC. 10, T.7N., R.44W.

N.W. 1/4 SEC. 15, T.7N., R.44W.

2708+70-2709+ READ APPR. TO PARK, RT.

BM HIG 50.17  
ELEV. 3702.57

BM HIG 50.17  
ELEV. 3702.27

2722+95 - REMOVE 2\"/>

N.E. 1/4 SEC. 15, T.7N., R.44W.

EXCAVATION  
EMBANKMENT  
FILL  
5%+10% HAIL  
BORROW

EXCAVATION  
EMBANKMENT  
FILL  
5%+10% HAIL  
BORROW

3.129 FROM PT. 1 - 2.6 MILES FROM STA 2746+00, R-63

EXCAVATION  
EMBANKMENT  
FILL  
5%+10% HAIL  
BORROW

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-----------|--------------|
| 3                   | COLO. | F000-1(6) | 10        |              |

S.E. 1/4 SEC. 10, T.7N., R.44W.

S.W. 1/4 SEC. 11, T.7N., R.44W.

Highline Electric Assoc.  
Holspoke, Colo.

Phillips Co. Telephone Co.  
Holspoke, Colo.

2746+15~REQ'D  
COUNTY RD. APPR. LT  
+ RT, ACCEL. & DECEL.  
LANES LT. & RT.  
EXTEND 18' 50" SIDE  
DRAINS 20' AT EACH  
END. (DETAILS ON  
SHEET # 2)

N.W. 1/4 SEC. 14, T.7N., R.44W.

2726+76~REQ'D  
18' 30" CMP SIDE  
DRAIN RT. RD  
APPR. RT. & LT.  
Gate

2731+25~REQ'D  
RD. APPR. RT.  
18' 30" S.D.

2733 ELEV. 3704.15  
B.M. HIG. 50' LT. NE. 1/4 SEC. 15, T.7N., R.44W.

2744+88~REQ'D  
RD. APPR. LT.

+87 R.O.W. MKT.

2745+85 R.O.W. MKT.  
P.O.T. 2745+86.1  
Co. Road  
18' 50" CMP  
70

P.I. 2754+000  
S. 0+47 RT.

S. 89° 07' E.

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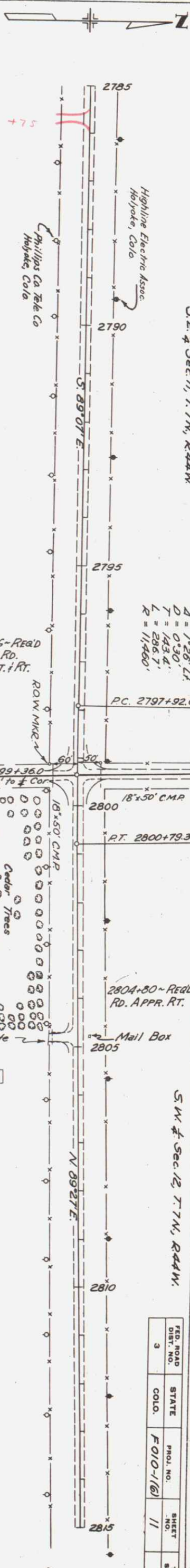
14

S.E. 1/4 Sec. 11, T. 7N, R. 44W

$A = 1^{\circ}26'14''$   
 $D = 0^{\circ}30'14''$   
 $T = 143.4'$   
 $L = 288.7'$   
 $R = 11,460'$

S.W. 1/4 Sec. 12, T. 7N, R. 44W

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-----------|--------------|
| 3                   | COLO. | F010-1(6) | 11        |              |



B.M. 59' LT. 2784 ELEV. 3702.50

B.M. 60' LT. 2799+00 ELEV. 3698.60

2799+36 - RECD COUNTY RD. APPR. LT. & RT.

P.I. 2799+360

B.M. H. 66. 58' LT. 2805+00 ELEV. 3698.51

B.M. H. 66. 59' LT. 2811+00 ELEV. 3695.80

S.W. 1/4 Sec. 12, T. 7N, R. 44W

S.E. 1/4 Sec. 12, T. 7N, R. 44W

18'x26' CMP

18'x30' CMP

31' B.W. Gate

2026+44 - REMOVE 18'x30' CMP. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

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2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

2026+44 - REMOVE 18'x30' SIDE DRAIN & RD. APPR. LT.

B.M. H. 66. 58' LT. 2817+00 ELEV. 3693.48

B.M. 60' LT. 2799+00 ELEV. 3698.60

2799+36 - RECD COUNTY RD. APPR. LT. & RT.

P.I. 2799+360

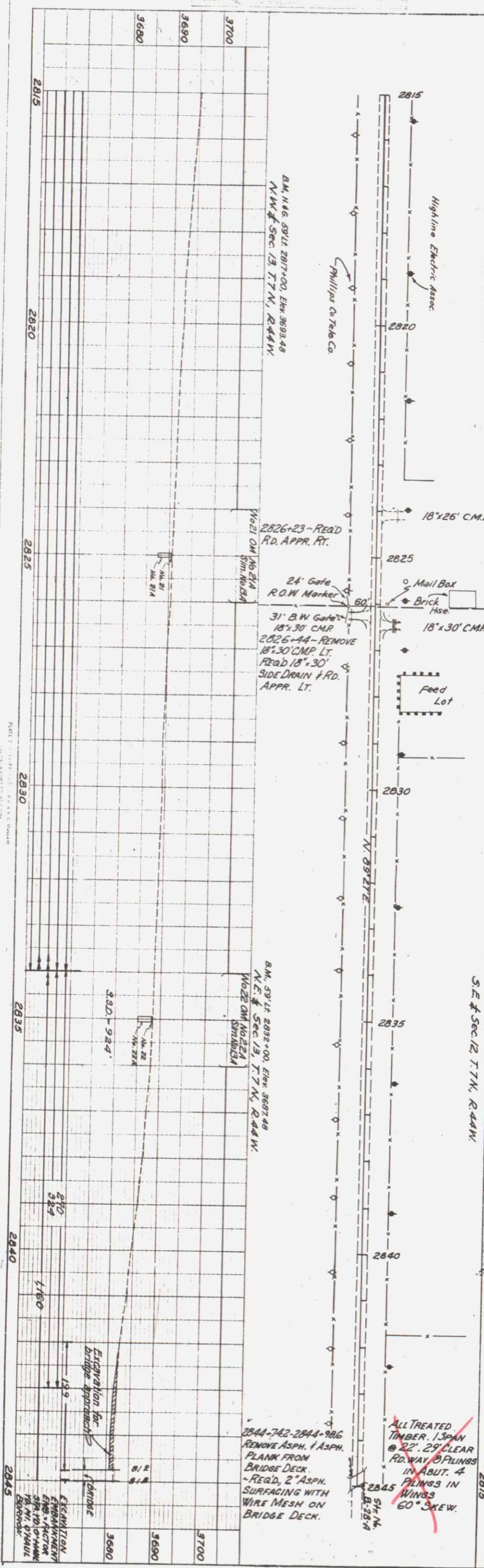
B.M. H. 66. 58' LT. 2805+00 ELEV. 3698.51

B.M. H. 66. 59' LT. 2811+00 ELEV. 3695.80

2844-742-2844-786 REMOVE ASPH. & ASPH. PLANK FROM BRIDGE DECK.

2844-742-2844-786 REMOVE ASPH. & ASPH. PLANK FROM BRIDGE DECK.

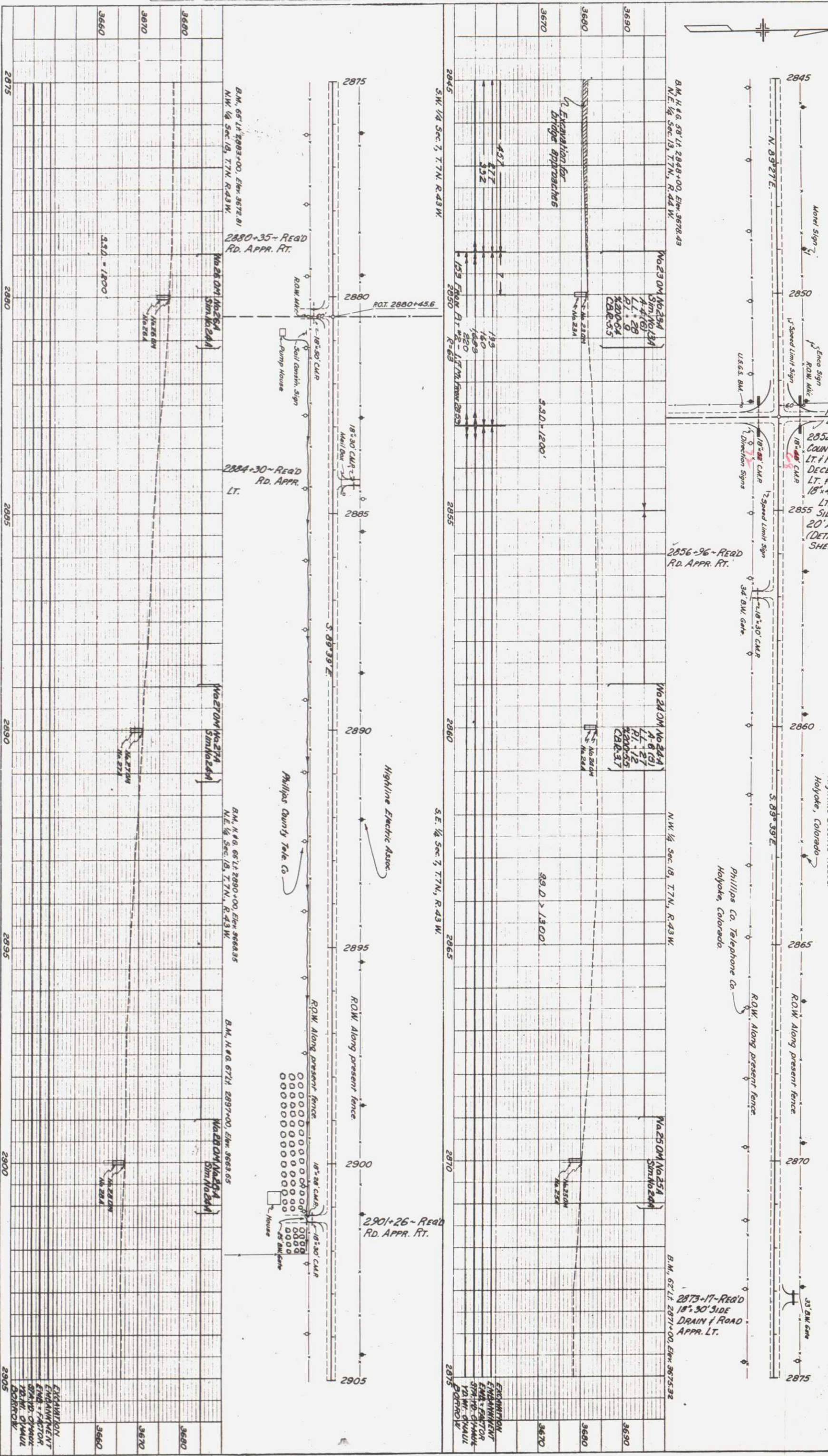
2844-742-2844-786 REMOVE ASPH. & ASPH. PLANK FROM BRIDGE DECK.



S.E. 1/4 Sec. 12, T.7N., R.43W.

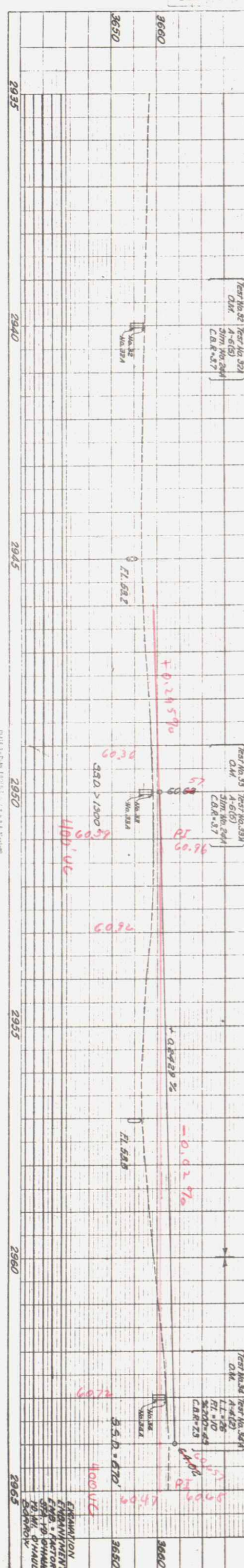
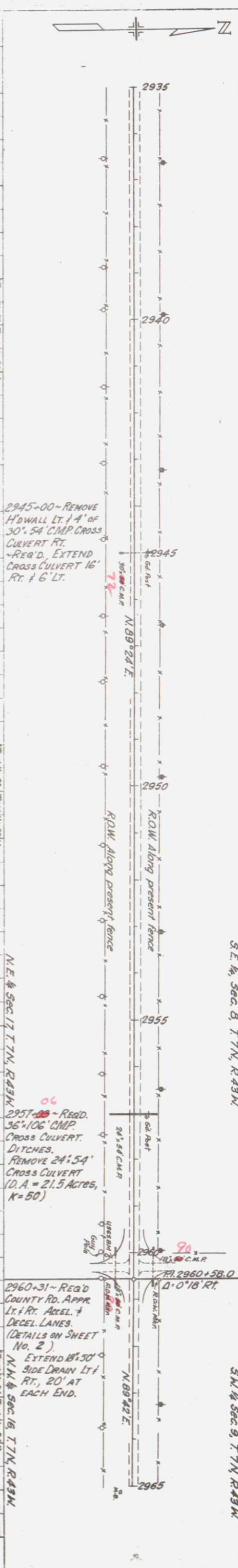
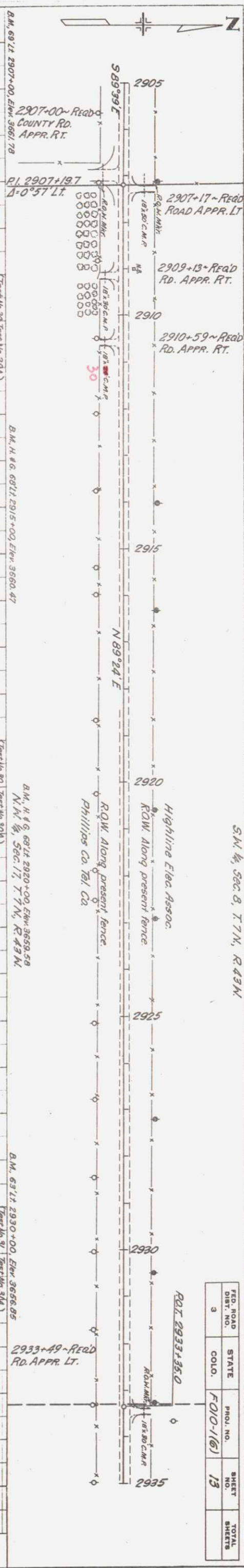
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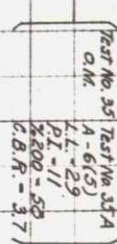
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-----------|--------------|
| 3                   | COLO. | F 010-1(6) | 12        |              |



S.W. 1/4, Sec. 8, T.7N, R.43W

| FED. ROAD DIST. NO. | STATE    | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|----------|-----------|-----------|--------------|
| 3                   | COLORADO | FOIO-1(6) | 13        |              |





57R. 2975 + 00.0 ~ END F010-1 (6) =  
57R. 2975 + 00.0 ~ BEGIN F010-1 (5)  
57R. 2975 + 28.7 ~ ON N.R.H. 15-f

EXCAVATION  
EMBANKMENT  
EMB. x FACTOR  
STA. YD. Q'HAUER  
YD. MI. Q'HAUER  
BORROW

| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO. | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------|--------------|-----------------|
| 3                      | COLO. | F010-1(6) | 14           |                 |