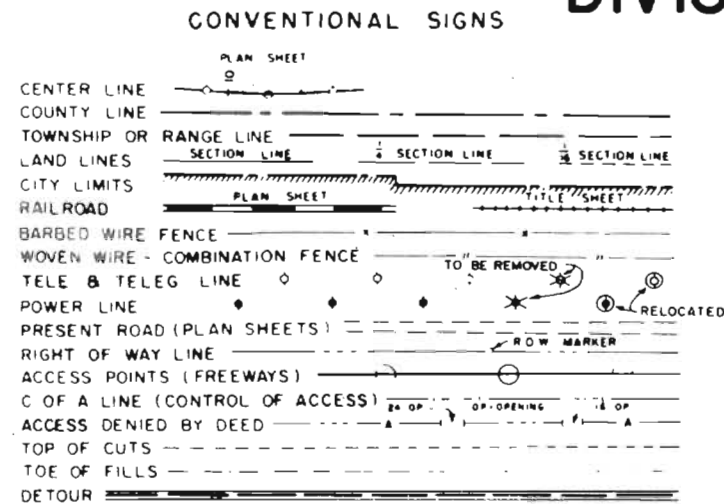


TITLE SHEET

# STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS—STATE OF COLORADO

| FEDERAL ROAD DISTRICT NO.      | DIVISION | PROJECT NO.  | SHEET NO. |
|--------------------------------|----------|--------------|-----------|
| VIII                           | COLORADO | C 09-0109-07 | 1         |
| RIGHT OF WAY SOUTH OF LA JUNTA |          |              |           |
| REVISIONS                      |          |              |           |
|                                |          |              |           |
|                                |          |              |           |
|                                |          |              |           |
|                                |          |              |           |
|                                |          |              |           |



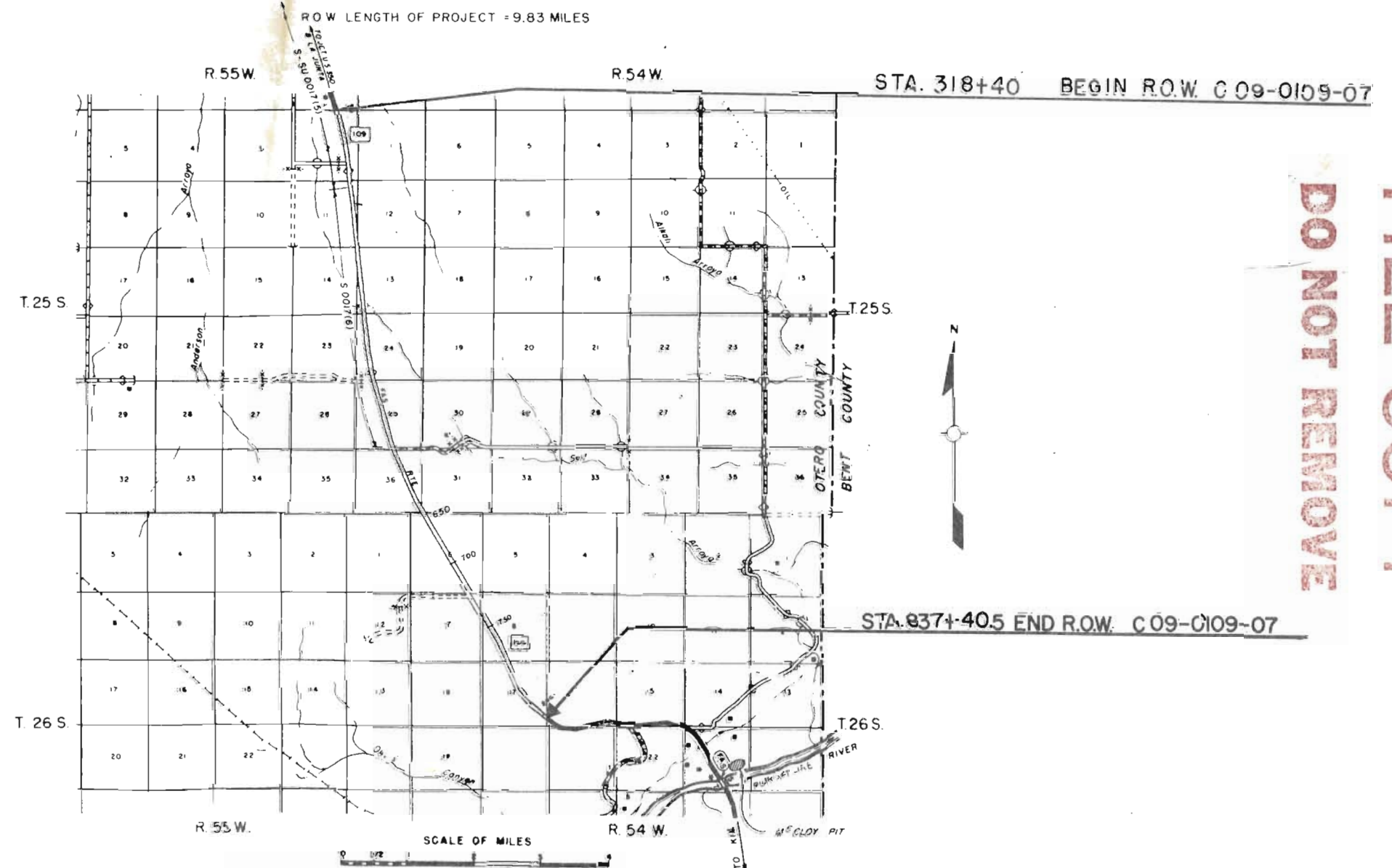
## PLAN AND PROFILE OF PROPOSED COLORADO PROJECT NO. C 09-0109-07 STATE HIGHWAY NO. 109 OTERO COUNTY RIGHT OF WAY

SHEET NO.  
1  
2  
3-20

INDEX OF SHEETS

TITLE SHEET  
TABULATION OF PROPERTIES  
LINE SHEETS

SCALE OF ORIGINAL DRAWINGS  
PLAN SHEETS 1" = 100'

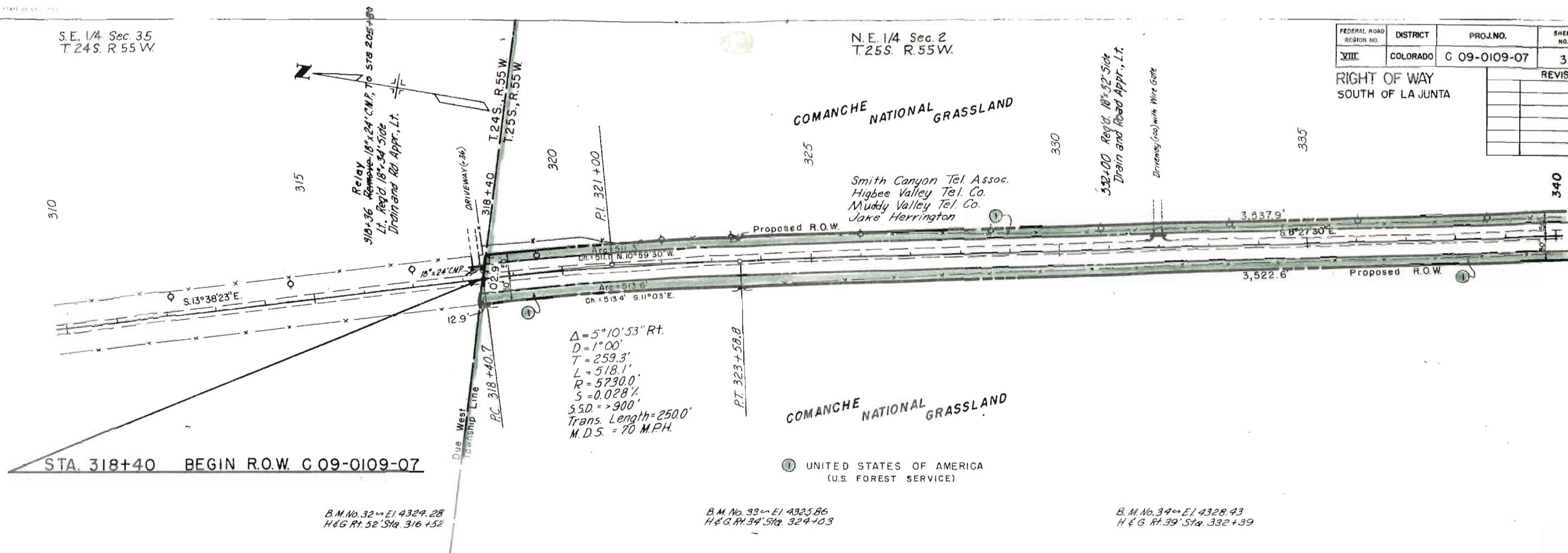




S.E. 1/4 Sec. 35  
T. 24S. R. 55W.

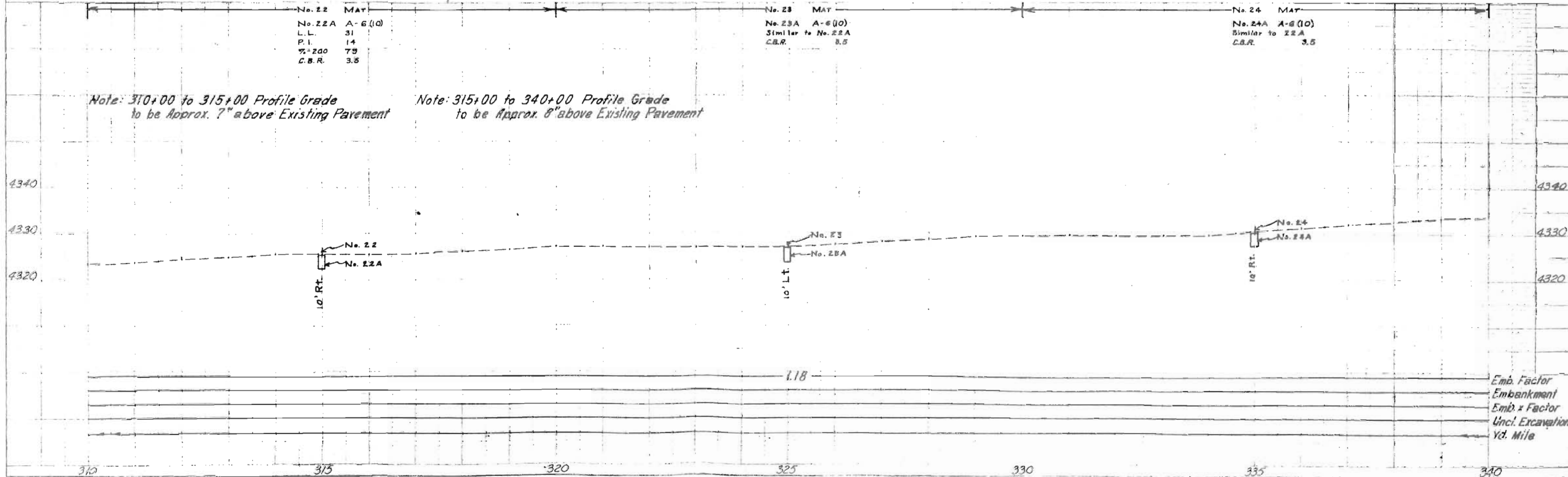
N.E. 1/4 Sec. 2  
T. 25S. R. 55W.

| FEDERAL ROAD<br>REGION NO.        | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------------|----------|--------------|--------------|-----------------|
| VIII                              | COLORADO | C 09-0109-07 | 3            |                 |
| RIGHT OF WAY<br>SOUTH OF LA JUNTA |          |              |              |                 |
| REVISIONS                         |          |              |              |                 |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |
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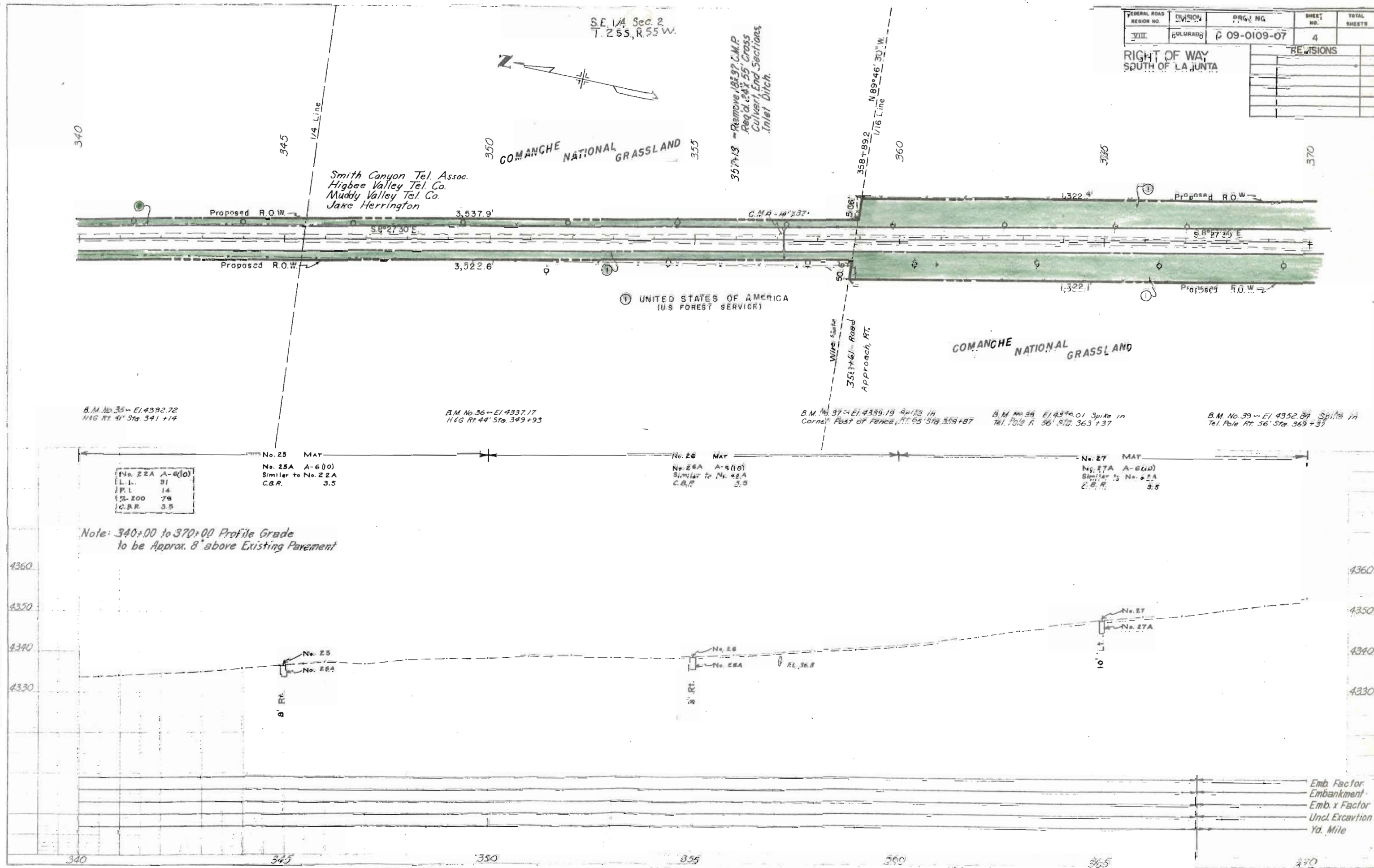


Note: 310+00 to 315+00 Profile Grade  
to be Approx. 7" above Existing Pavement

Note: 315+00 to 340+00 Profile Grade  
to be Approx. 8" above Existing Pavement



| FEDERAL ROAD DISTRICT NO.      | DIVISION | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|--------------------------------|----------|-------------|-----------|--------------|
| VIII                           | COLORADO | 09-0109-07  | 4         |              |
| RIGHT OF WAY SOUTH OF LA JUNTA |          |             |           |              |
| REVISIONS                      |          |             |           |              |
|                                |          |             |           |              |
|                                |          |             |           |              |
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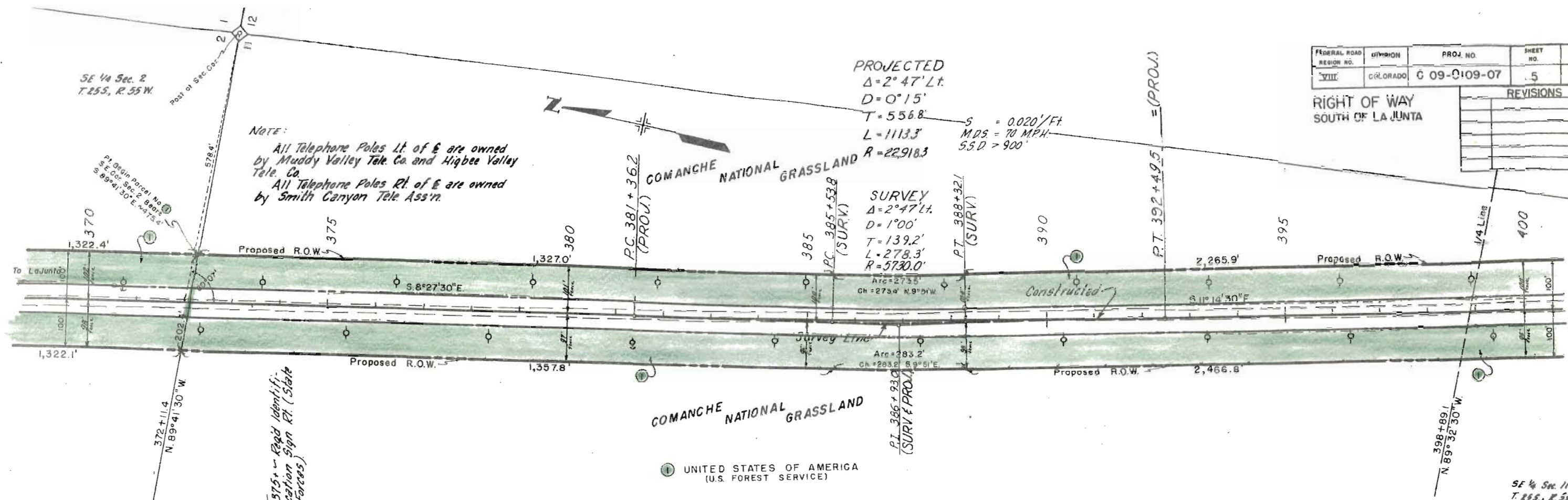


| FEDERAL ROAD DISTRICT NO. | DIVISION | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|---------------------------|----------|--------------|-----------|--------------|
| VIII                      | COLORADO | C 09-0109-07 | 5         |              |

| REVISIONS |  |
|-----------|--|
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RIGHT OF WAY  
SOUTH OF LA JUNTA

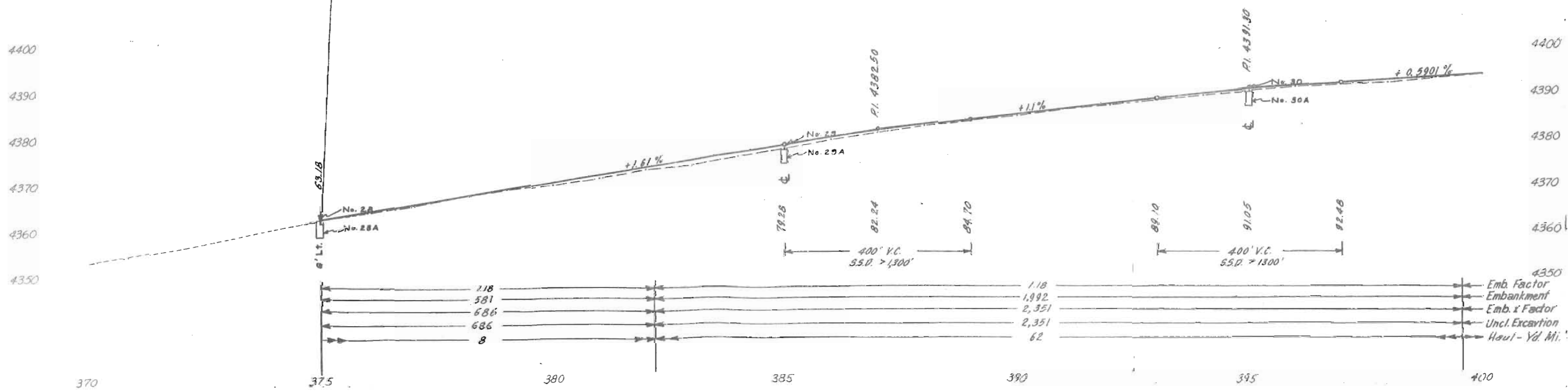


|         |         |
|---------|---------|
| No. 28A | A-6(10) |
| L.L.    | 31      |
| P.I.    | 14      |
| %-200   | 79      |
| C.B.R.  | 3.5     |

|                    |         |
|--------------------|---------|
| No. 28             | MAT     |
| No. 28A            | A-6(10) |
| Similar to No. 28A |         |
| C.B.R.             | 3.5     |

|         |         |
|---------|---------|
| No. 29  | MAT     |
| No. 29A | A-6(11) |
| L.L.    | 35      |
| P.I.    | 18      |
| %-200   | 92      |
| C.B.R.  | 3.3     |

|                    |         |
|--------------------|---------|
| No. 30             | MAT     |
| No. 30A            | A-6(11) |
| Similar to No. 29A |         |
| C.B.R.             | 3.3     |



S.W. 1/4 Sec. 12  
 T. 25S. R. 55W.

| FEDERAL ROAD DISTRICT NO. | DISTRICT | PROJECT NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------------|----------|--------------|-----------|--------------|
| 10TH                      | COLORADO | C 09-C109-07 | 6         |              |

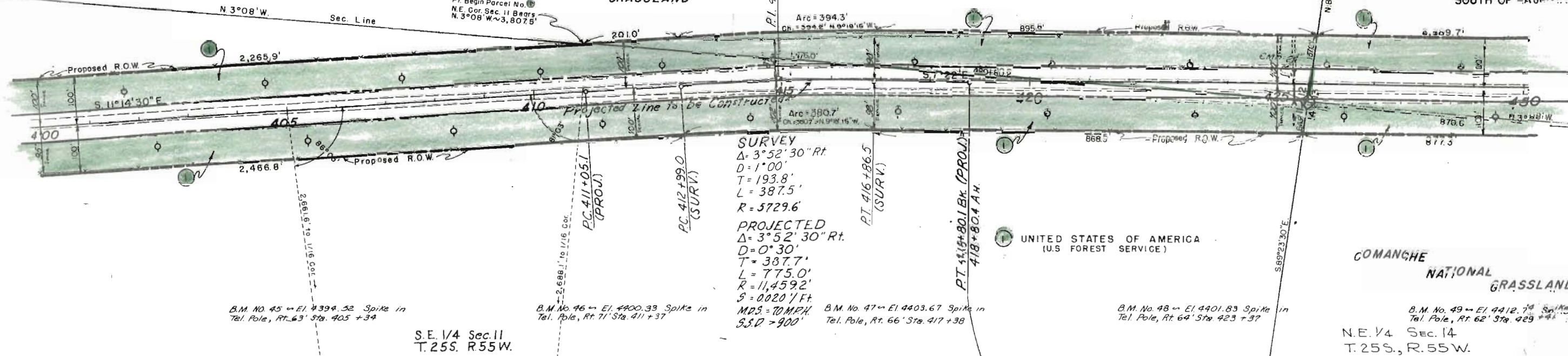
| REVISIONS |  |
|-----------|--|
|           |  |
|           |  |
|           |  |
|           |  |
|           |  |

N.W. 1/4 Sec. 13  
 T. 25S. R. 55W.

RIGHT OF WAY  
 SOUTH OF LAJUNTA

COMANCHE  
 NATIONAL  
 GRASSLAND

Pt. Begin Parcel No. 1  
 N.E. Cor. Sec. 11 Bears  
 N. 3°08' W. ~ 3,807.5'



S.E. 1/4 Sec. 11  
 T. 25S. R. 55W.

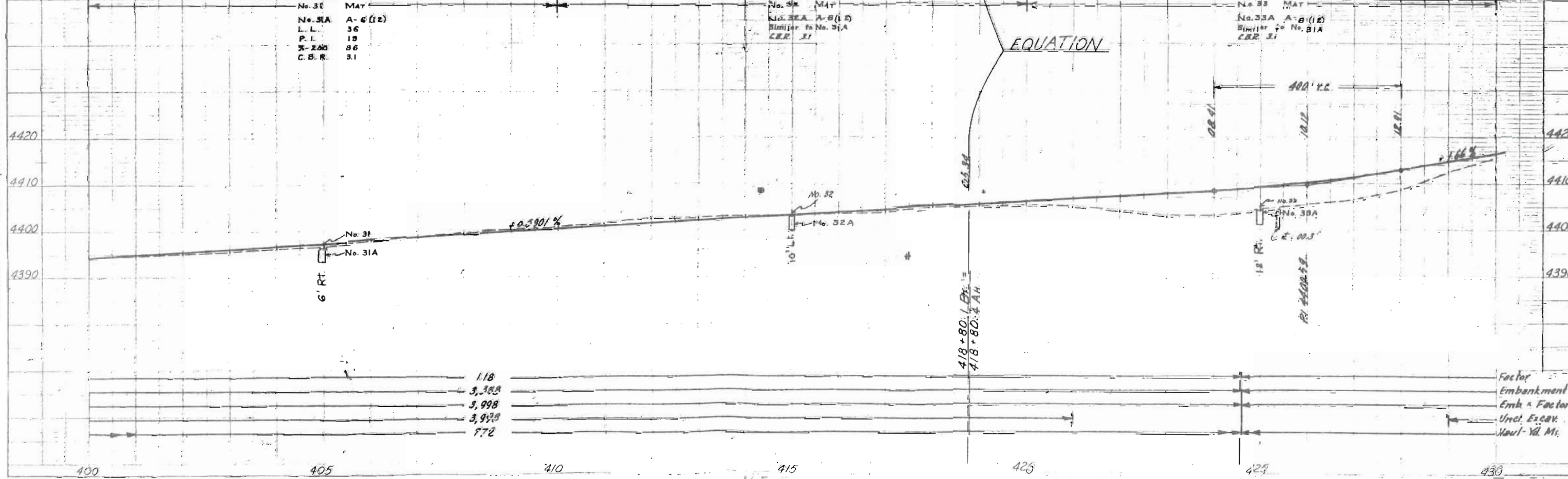
N.E. 1/4 Sec. 14  
 T. 25S. R. 55W.

| No. 31  | MAT      |
|---------|----------|
| No. 31A | A-6 (12) |
| L.L.    | 36       |
| P.L.    | 19       |
| %-2.00  | 86       |
| C.B.R.  | 3.1      |

| No. 32             | MAT |
|--------------------|-----|
| No. 32A A-B (12)   |     |
| Similar to No. 31A |     |
| C.B.R. 3.1         |     |

| No. 33             | MAT |
|--------------------|-----|
| No. 33A A-B (12)   |     |
| Similar to No. 31A |     |
| C.B.R. 3.1         |     |

EQUATION



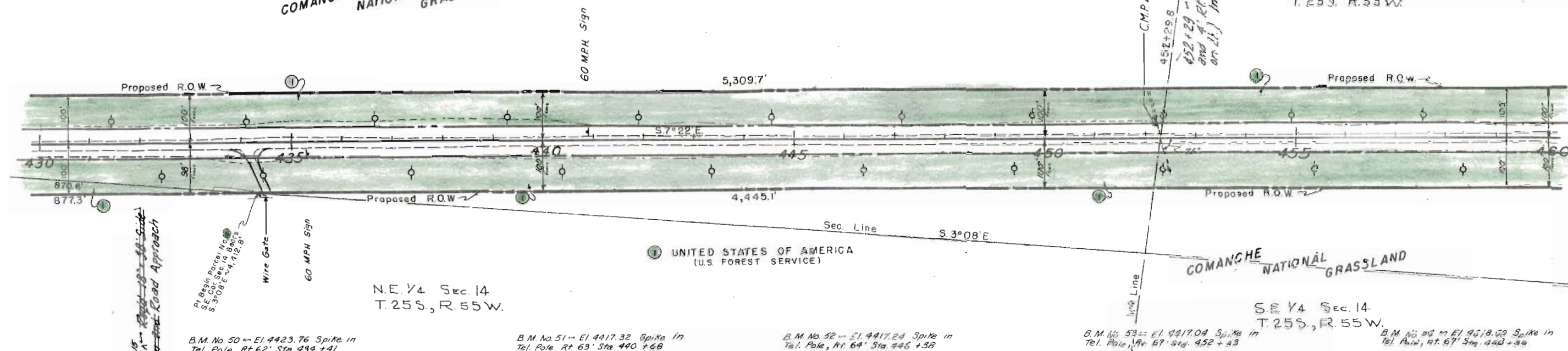
118  
 3,388  
 3,998  
 3,998  
 772

Factor  
 Embankment  
 Emb. Factor  
 Uncl. Exca.  
 Haul-Yd. Mi.

[illegible]

COMANCHE NATIONAL GRASSLAND

S.W. 1/4 Sec. 13  
T. 25 S. R. 55 W.

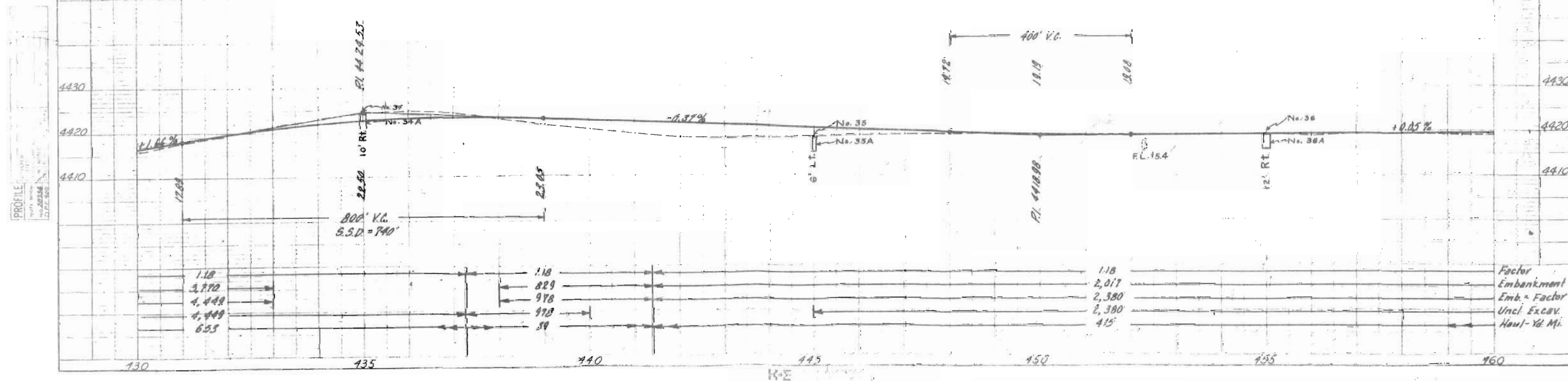


| No. 34   | MAT        |
|----------|------------|
| No. 34A  | A-7-6 (17) |
| L. L.    | 46         |
| P. I.    | 29         |
| %-200    | 86         |
| C. B. R. | 2.3        |

|             |         |
|-------------|---------|
| STA. 401700 |         |
| No. 31A     | A-6(12) |
| L.L.        | 36      |
| P.L.        | 19      |
| %-200       | 86      |
| C.B.R.      | 8.1     |

No. 35 MAT—  
No. 35A A-6(12)  
Similar to No. 31A  
CBB 31

No. 36 MAT  
 No. 36A A-6(12)  
 Similar to No. 31A  
 C.B.R. 3/1



S.W. 1/4 Sec. 13  
T.25S. R.55W.

N.W. 1/4 Sec. 24  
T.25S. R.55W.

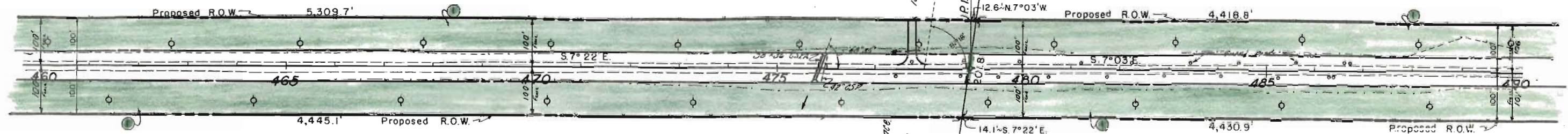
| FEDERAL ROAD REGION NO. | DISTRICT | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|-------------------------|----------|--------------|-----------|--------------|
| VIII                    | COLORADO | C 09-0109-07 | 8         |              |
| REVISIONS               |          |              |           |              |
|                         |          |              |           |              |
|                         |          |              |           |              |
|                         |          |              |           |              |
|                         |          |              |           |              |
|                         |          |              |           |              |
|                         |          |              |           |              |

RIGHT OF WAY  
SOUTH OF LA JUNTA

COMANCHE NATIONAL GRASSLAND

D.A. = 1300 Acres, Q.25 = 630 C.F.S.  
A.H.W. = 4421.4, S.O. = 0.006 ft./ft.  
D.H.W. = 4421.4, V.O. = 16.0 ft./sec.  
475+85 - Remove 58" x 36" C.S.P.A.  
Road 10' x 1' x 23" Concrete Box  
Culvert (Type 10-A) Wing walls  
(4:1 Side Slopes)  
475+95 - Remove 42" C.S.P.

477+70 Road 18" x 34" Side Drain  
and Road Approach Lt.



UNITED STATES OF AMERICA  
(U.S. FOREST SERVICE)

COMANCHE NATIONAL GRASSLAND

B.M. No. 55 - El. 4417.77 Spike in  
Tel. Pole, Rt. 69' Sta. 464 + 31

B.M. No. 56 - El. 4420.32 Spike in  
Tel. Pole, Rt. 69' Sta. 470 + 31

B.M. No. 57 - El. 4418.55 Spike in  
Tel. Pole, Rt. 71' Sta. 476 + 28

B.M. No. 58 - El. 4425.74 Spike in  
Tel. Pole, Rt. 71' Sta. 482 + 28

B.M. No. 59 - El. 4435.58 Spike in  
Tel. Pole, Rt. 69' Sta. 485 + 28

B.M. No. 60 - El. 4444.69 Spike in  
Tel. Pole, Rt. 68' Sta. 488 + 30

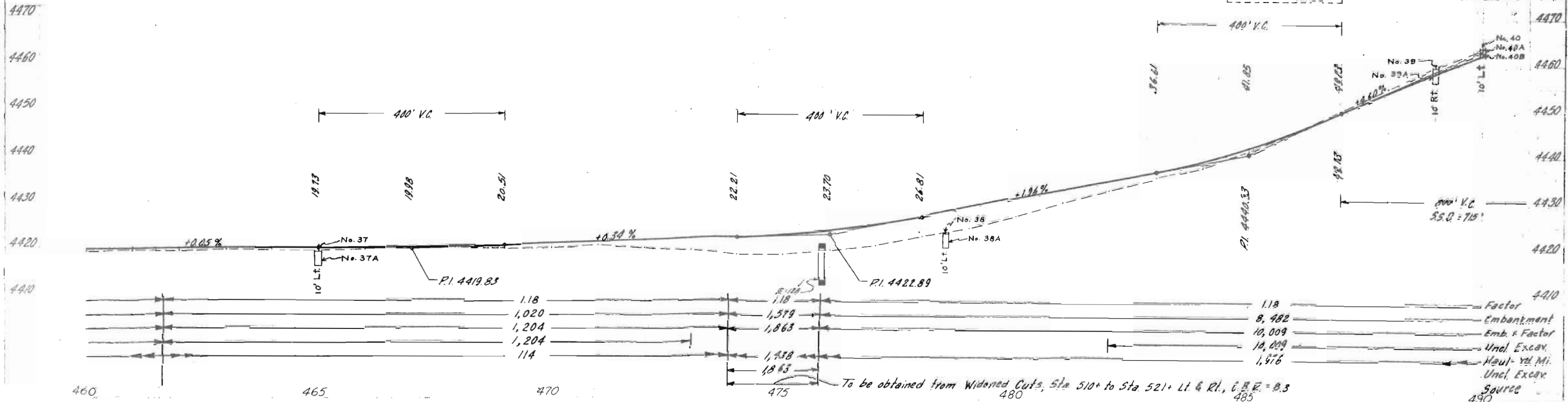
| STA. 465+00     |
|-----------------|
| No. 31A A-6(12) |
| L.L. 36         |
| P.I. 19         |
| %-200 86        |
| C.B.R. 3.1      |

| No. 37 MAT         |
|--------------------|
| No. 37A A-6(12)    |
| Similar to No. 31A |
| C.B.R. 3.1         |

| No. 38 MAT         |
|--------------------|
| No. 38A A-6(12)    |
| Similar to No. 31A |
| C.B.R. 3.1         |

| STA. 485+00       |
|-------------------|
| No. 34A A-7-6(17) |
| L.L. 45           |
| P.I. 25           |
| %-200 96          |
| C.B.R. 2.3        |

| No. 39 MAT         |
|--------------------|
| No. 39A A-7-6(17)  |
| Similar to No. 34A |
| C.B.R. 2.3         |
| No. 40 MAT         |
| No. 40A A-6(12)    |
| Similar to No. 31A |
| C.B.R. 3.1         |
| No. 40B MAT        |
| Similar to No. 31A |
| C.B.R. 3.1         |

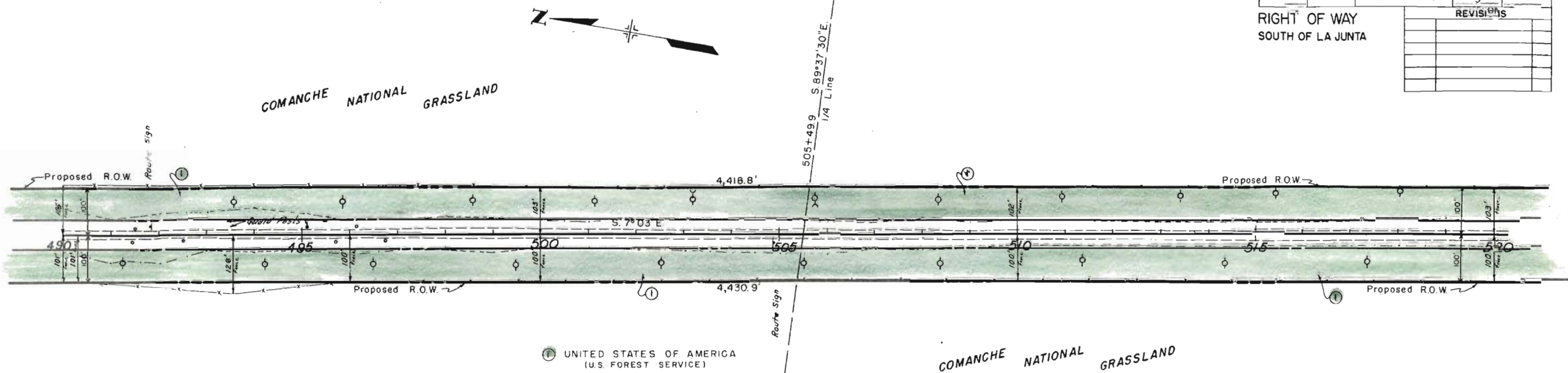


Factor  
8,482  
Emb. Factor  
10,009  
Uncl. Excav.  
10,009  
Haul - Yd. Mi.  
Uncl. Excav.  
1,576  
Source  
490

N.W. 1/4 Sec. 24  
T. 25S. R. 55W.

S.W. 1/4 Sec. 24  
T. 25S. R. 55W.

| FEDERAL ROAD<br>REGION NO.        | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------------|----------|--------------|--------------|-----------------|
|                                   | COLORADO | C 09-0109-07 | 9            |                 |
| RIGHT OF WAY<br>SOUTH OF LA JUNTA |          |              |              | REVISIONS       |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |
|                                   |          |              |              |                 |



B.M. No. 61 ~ El. 4475.23 Spike in  
Tel. Pole, Rt. 66 Sta. 494 + 20

B.M. No. 62 ~ El. 4487.76 Spike in  
Tel. Pole, Rt. 65 Sta. 499 + 49

B.M. No. 63 ~ El. 4499.27 Spike in  
Tel. Pole, Rt. 62 Sta. 505 + 51

B.M. No. 64 ~ El. 4508.55 Spike in  
Tel. Pole, Rt. 60 Sta. 511 + 35

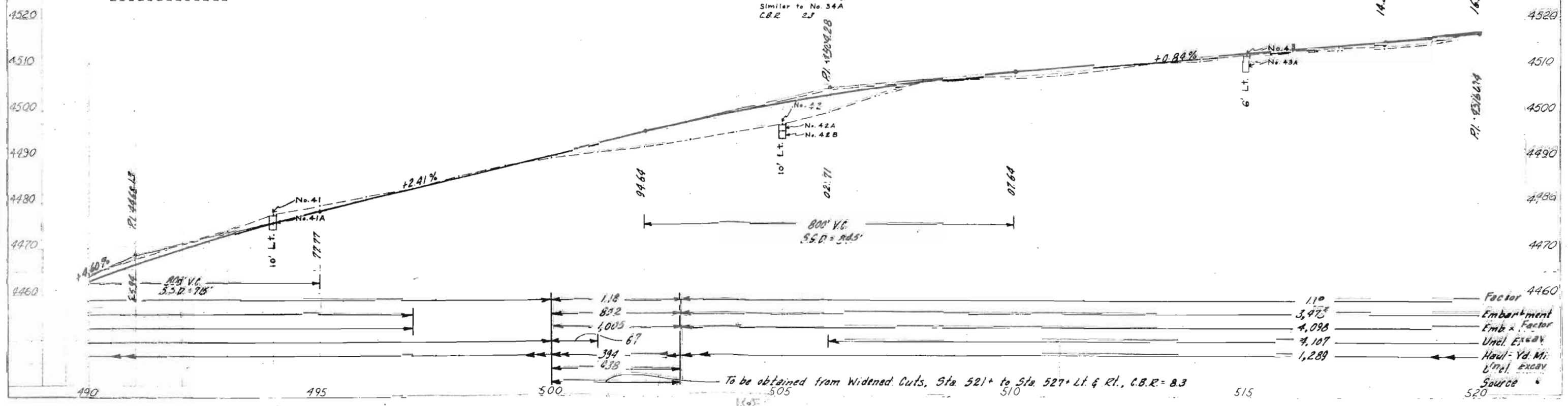
B.M. No. 65 ~ El. 4514.39 Spike in Back  
Side Tel. Pole, Rt. 59 Sta. 517 + 34

|                   |
|-------------------|
| STA 435+00        |
| No. 34A A-7-6(17) |
| L.L. 46           |
| P.I. 29           |
| %-200 36          |
| C.B.R. 2.3        |

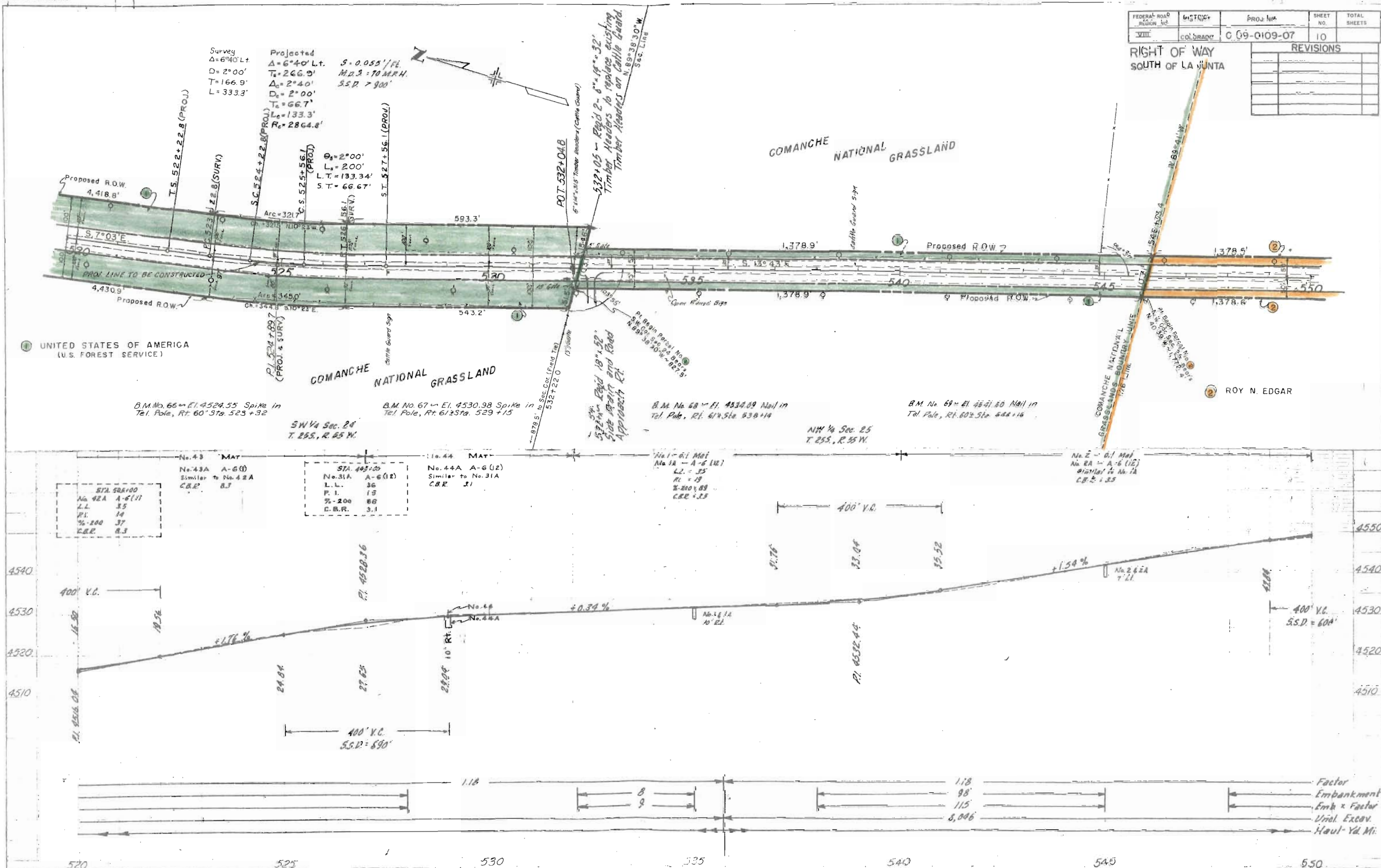
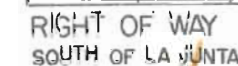
No. 41 MAT  
No. 41A A-7-6(17)  
Similar to No. 34A (with rock)  
C.B.R. 2.3

No. 42 MAT  
No. 42A A-6(1)  
L.L. 35  
P.I. 14  
%-200 37  
C.B.R. 8.3  
No. 42B A-7-6(17)  
Similar to No. 34A  
C.B.R. 2.3

No. 43 MAT  
No. 43A A-6(1)  
Similar to No. 42A  
C.B.R. 8.3



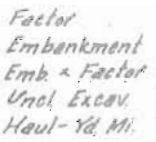
Factor 4460  
Embankment  
Emb. x Factor  
Uncl. Excav  
Haul - Yd. Mi.  
Uncl. Excav  
Source



RIGHT OF WAY  
SOUTH OF LA JUNTA

04.7  
+ 21.4  
= 4.30'  
L.S. 300.0'  
L.T. 200.1'  
S.T. 100.1'

580+21.4

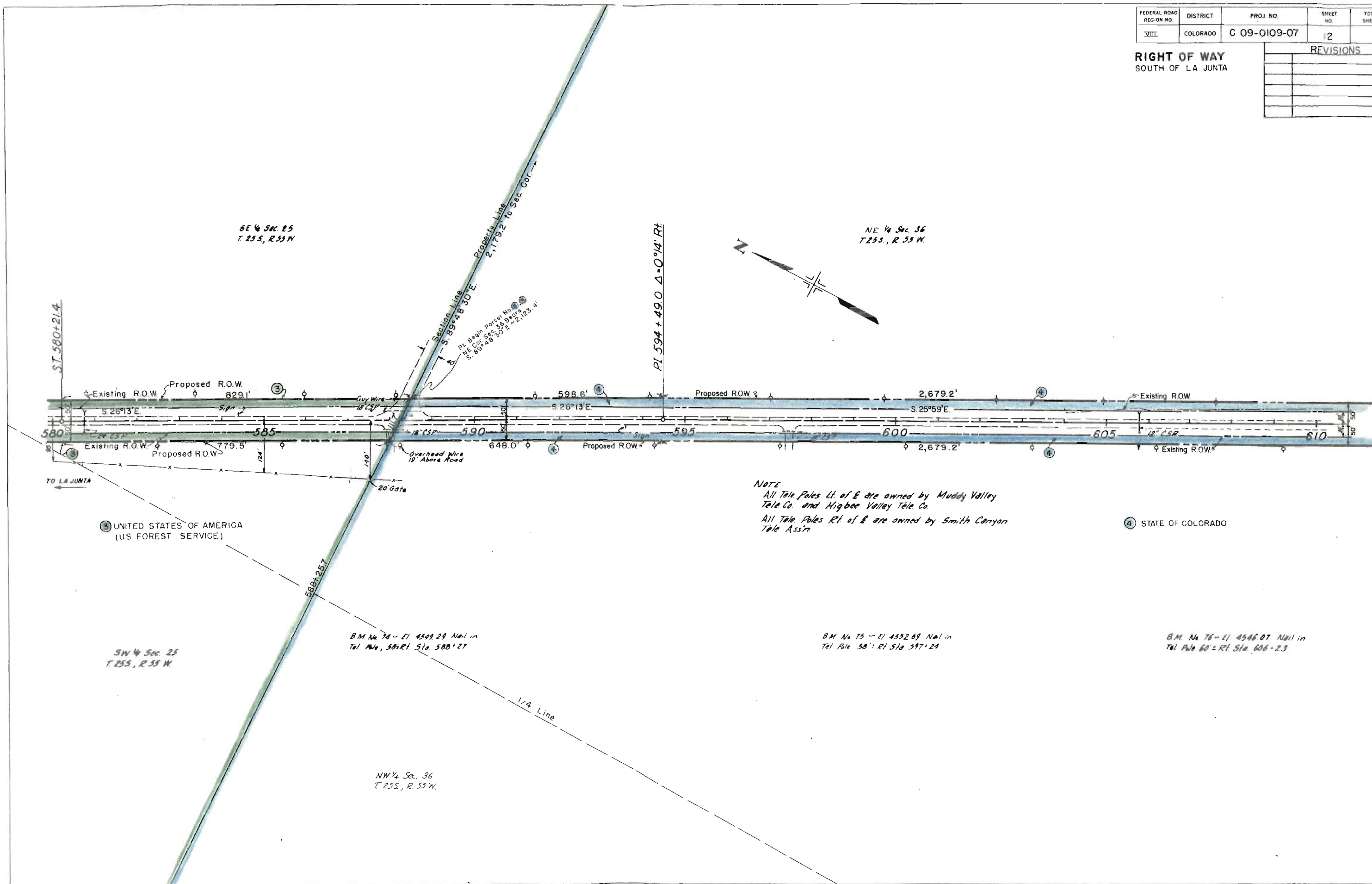


| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------------|----------|--------------|--------------|-----------------|
| VIII                       | COLORADO | C 09-0109-07 | 12           |                 |

| REVISIONS |  |
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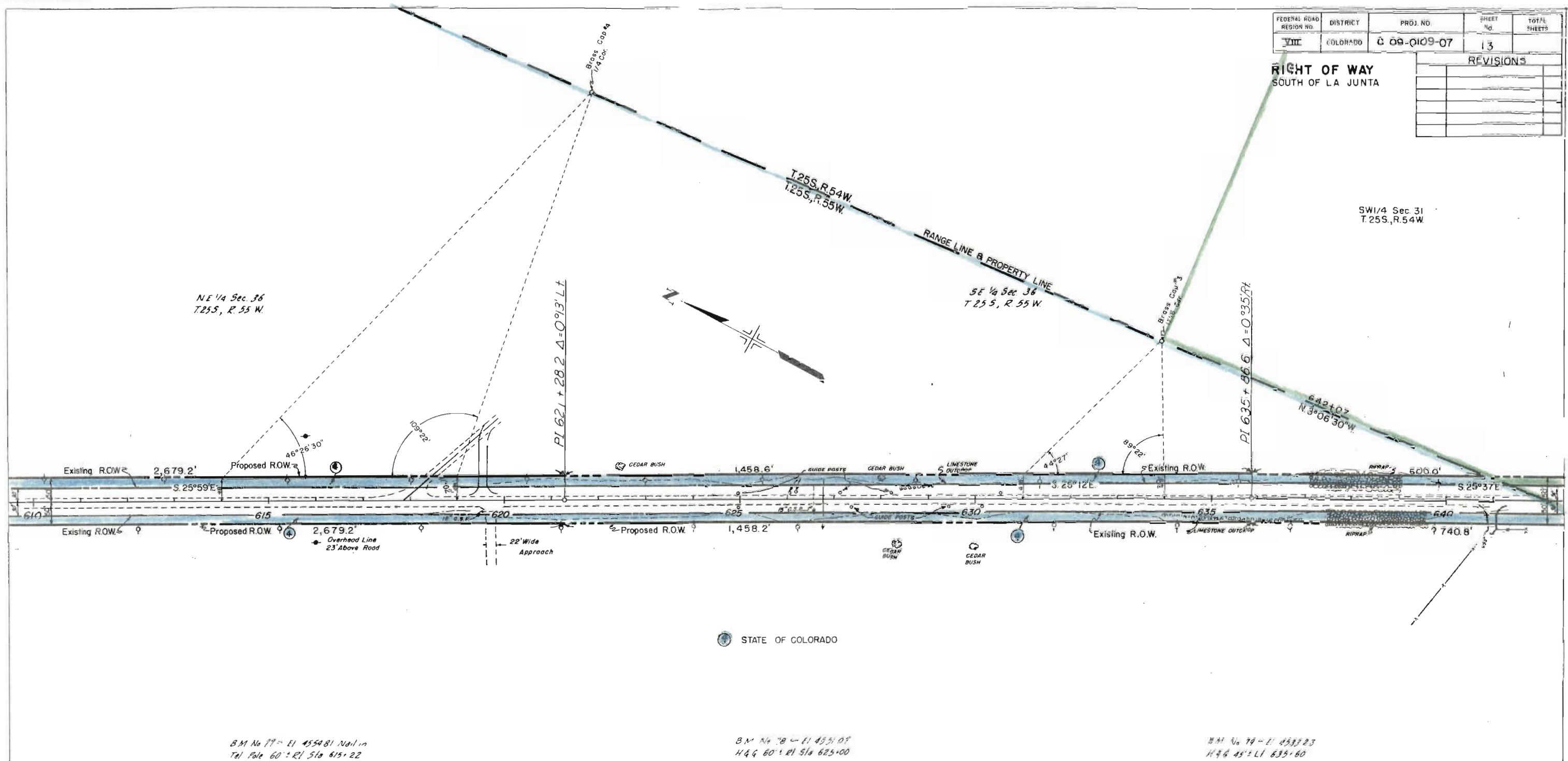
**RIGHT OF WAY**  
 SOUTH OF LA JUNTA



| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------------|----------|--------------|--------------|-----------------|
| VIII                       | COLORADO | C 09-0109-07 | 13           |                 |
| REVISIONS                  |          |              |              |                 |
|                            |          |              |              |                 |
|                            |          |              |              |                 |
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RIGHT OF WAY  
SOUTH OF LA JUNTA

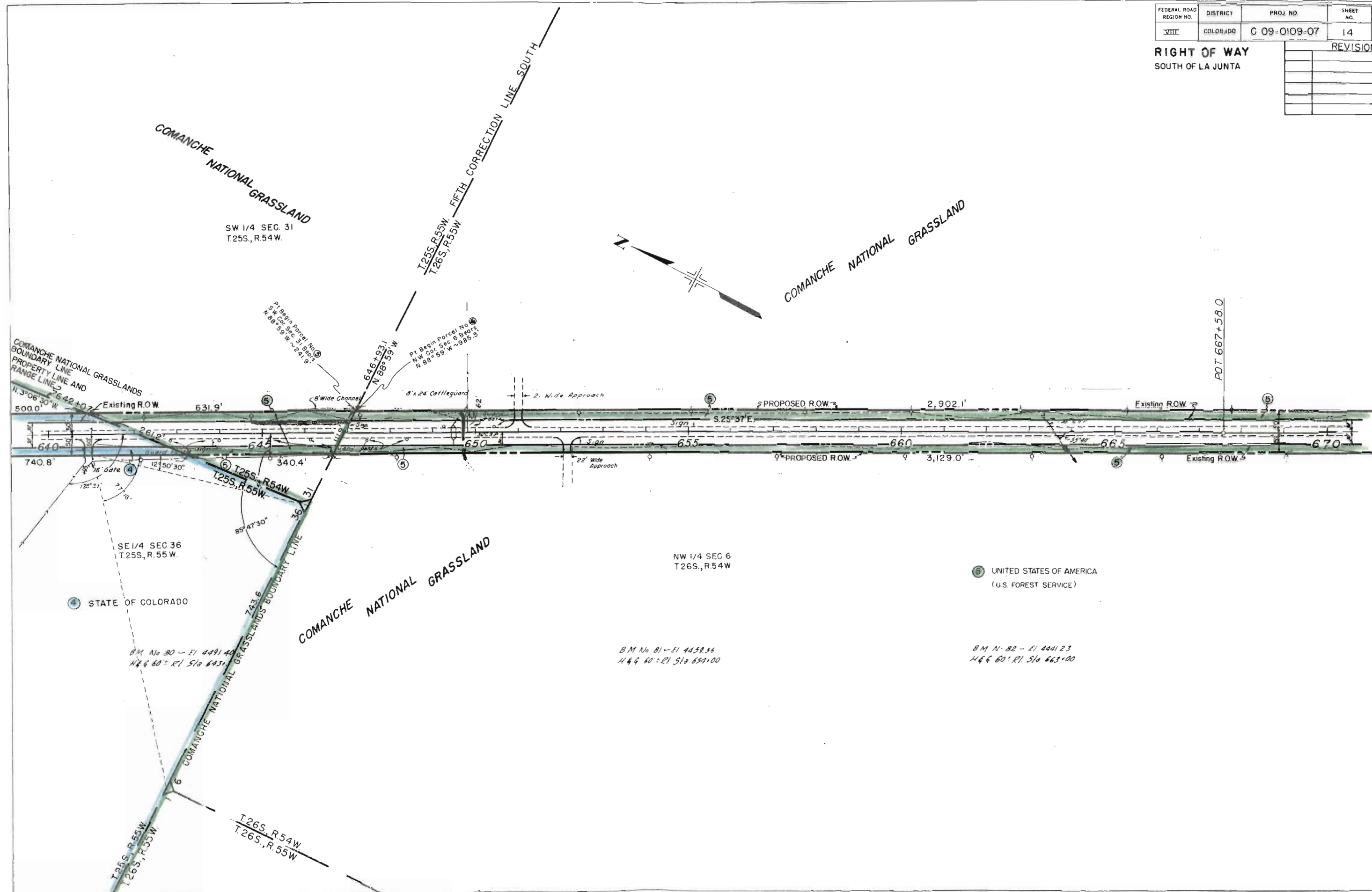
SW 1/4 Sec 31  
T.25S., R.54W.



|                            |          |              |              |                 |
|----------------------------|----------|--------------|--------------|-----------------|
| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
| VIII                       | COLORADO | C 09-0109-07 | 14           |                 |

**RIGHT OF WAY**  
SOUTH OF LA JUNTA

**REVISIONS**

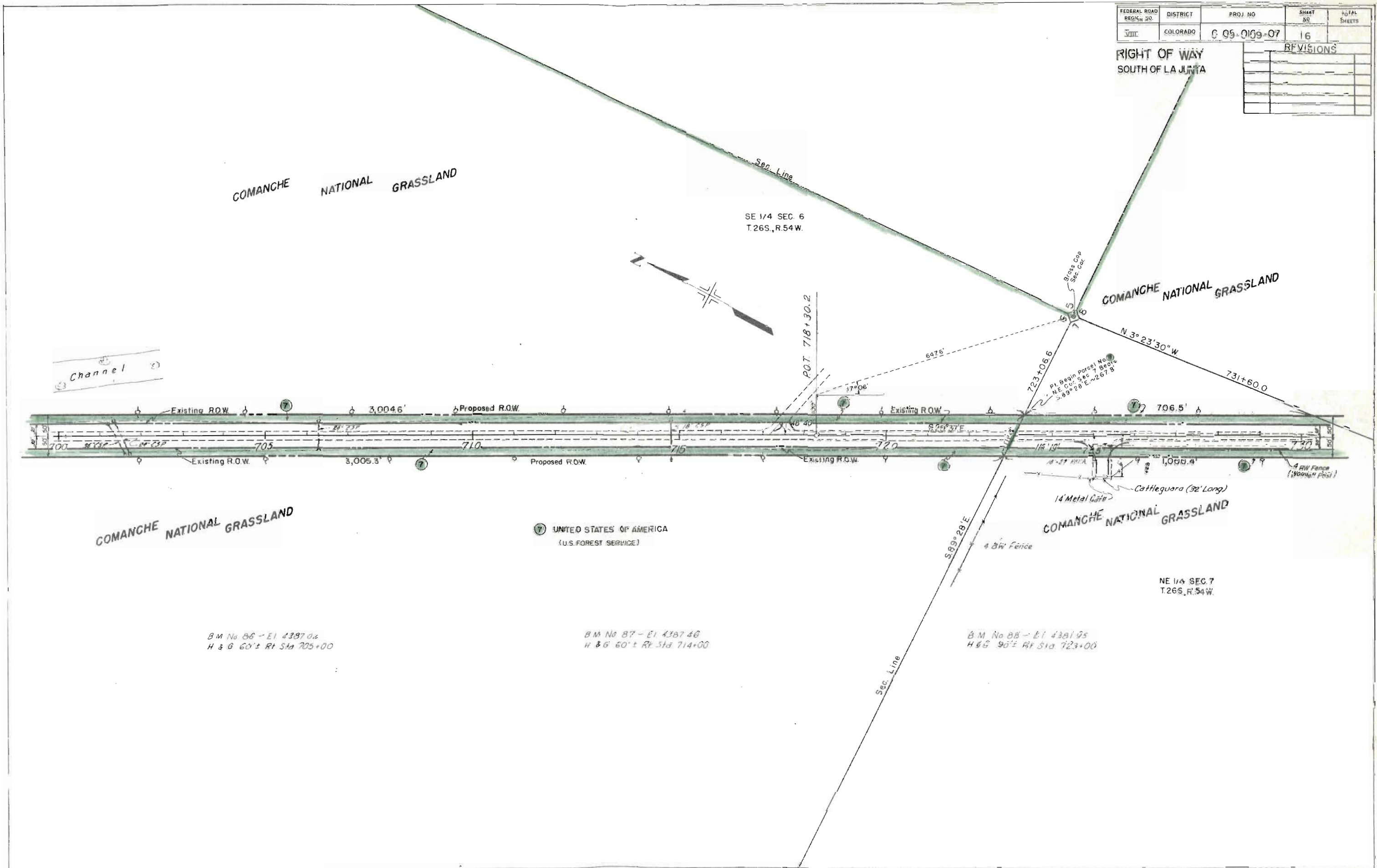




| FEDERAL ROAD DISTRICT | PROJ. NO.    | SHEET NO. | TOTAL SHEETS |
|-----------------------|--------------|-----------|--------------|
| VIII                  | C 09-0109-07 | 16        |              |

| REVISIONS |  |
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| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------------|----------|--------------|--------------|-----------------|
| VIII                       | COLORADO | C 09-0109-09 | 17           |                 |

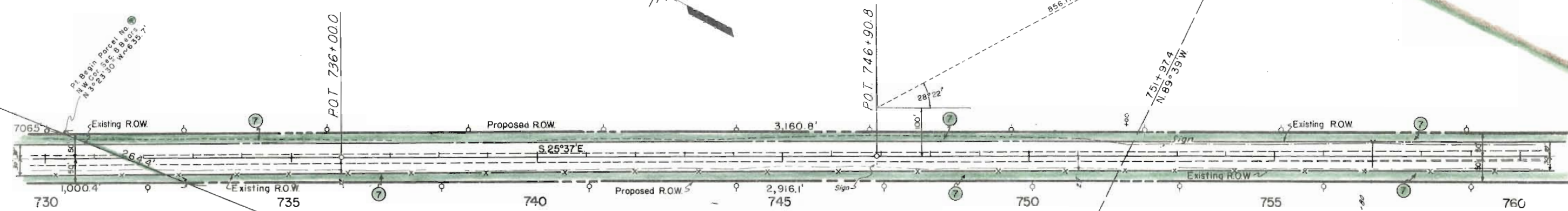
  

| REVISIONS |  |
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|           |  |
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RIGHT OF WAY  
 SOUTH OF LA JUNTA

NW 1/4 SEC 8  
 T.26S., R.54W

COMANCHE NATIONAL GRASSLAND



NE 1/4 SEC. 7  
 T.26S., R.54W.

COMANCHE NATIONAL GRASSLAND  
 Sec. Line

UNITED STATES OF AMERICA  
 (U.S. FOREST SERVICE)

COMANCHE NATIONAL GRASSLAND

B.M. No 89 - El. 4370.43  
 H & G 70' Lt Sta 735+00

B.M. No 90 - El. 4360.40  
 H & G 100' Lt Sta 745+00

B.M. No 91 - El. 4346.79  
 H & G 100' Lt Sta 755+00

SW 1/4 SEC. 8  
 T.26S., R.54W.

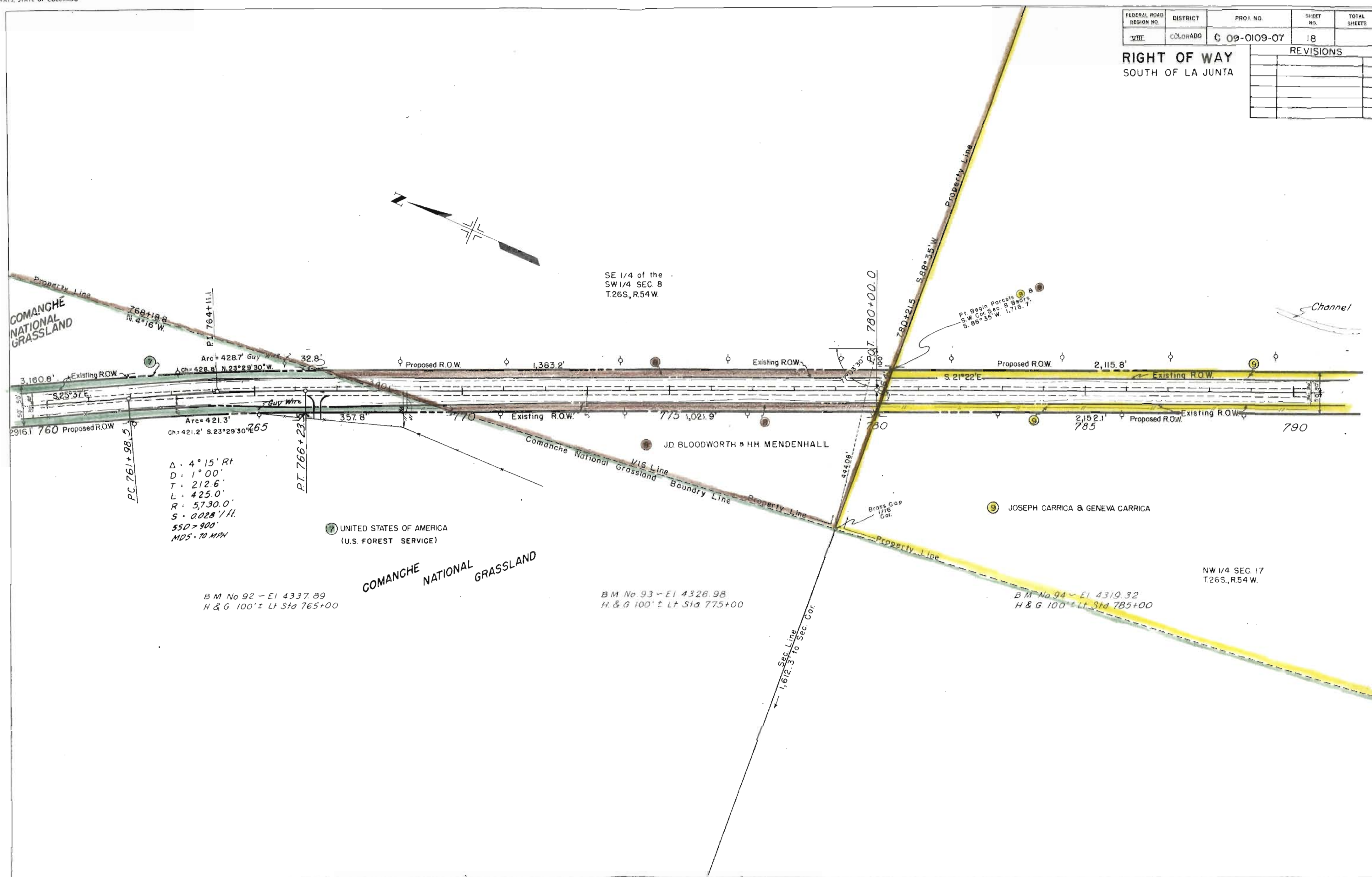
|                            |          |              |              |                 |
|----------------------------|----------|--------------|--------------|-----------------|
| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
| VIII                       | COLORADO | C 09-0109-07 | 18           |                 |

## RIGHT OF WAY

SOUTH OF LA JUNTA

**REVISIONS**

| REVISED BY | DATE | REVISION |
|------------|------|----------|
|            |      |          |
|            |      |          |
|            |      |          |
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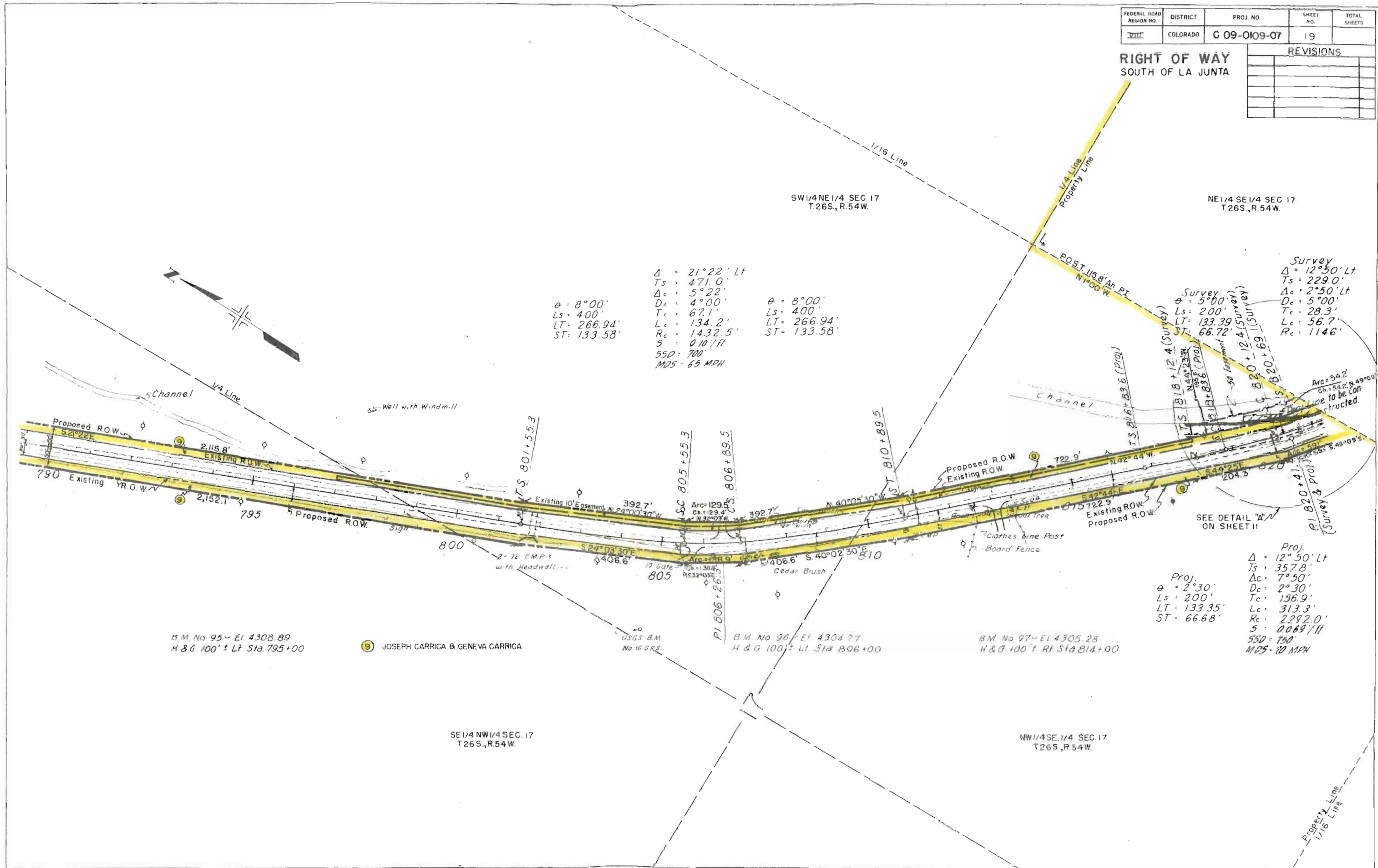


| FEDERAL ROAD<br>REGION NO. | DISTRICT | PROJ. NO.    | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------------|----------|--------------|--------------|-----------------|
| VIII                       | COLORADO | C 09-0109-07 | 19           |                 |

| REVISIONS |  |
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|           |  |
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|           |  |
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|           |  |
|           |  |

RIGHT OF WAY  
 SOUTH OF LA JUNTA



B.M. No 95 - El 4308.89  
 H & G 100' ± Lt Sta. 795+00

JOSEPH CARRICA & GENEVA CARRICA

USGS B.M.  
 No. 16 G.R.S.

B.M. No 96 - El 4304.77  
 H & G 100' ± Lt Sta. 806+00

B.M. No 97 - El 4305.28  
 H & G 100' ± Rt Sta. 814+00

SE 1/4 NW 1/4 SEC. 17  
 T.26S., R.54W.

NW 1/4 SE 1/4 SEC. 17  
 T.26S., R.54W.

Proj.  
 $\Delta = 2^{\circ}30'$   
 $T_s = 200'$   
 $L_t = 133.35'$   
 $S_T = 66.68'$

Proj.  
 $\Delta = 12^{\circ}50' Lt$   
 $T_s = 357.8'$   
 $\Delta_c = 7^{\circ}50'$   
 $D_c = 2^{\circ}30'$   
 $T_c = 156.9'$   
 $L_c = 313.3'$   
 $R_c = 2292.0'$   
 $S = 0.069/H$   
 $SSD = 700'$   
 $MD5 = 70 MPH$

Survey  
 $\Delta = 12^{\circ}50' Lt$   
 $T_s = 229.0'$   
 $\Delta_c = 2^{\circ}50' Lt$   
 $D_c = 5^{\circ}00'$   
 $T_c = 28.3'$   
 $L_c = 56.7'$   
 $R_c = 1146'$

Survey  
 $\Delta = 5^{\circ}00'$   
 $L_s = 200'$   
 $L_t = 133.39'$   
 $S_T = 66.72'$

$\Delta = 21^{\circ}22' Lt$   
 $T_s = 471.0'$   
 $\Delta_c = 5^{\circ}22'$   
 $D_c = 4^{\circ}00'$   
 $T_c = 67.1'$   
 $L_c = 134.2'$   
 $R_c = 1432.5'$   
 $S = 0.10/H$   
 $SSD = 700'$   
 $MD5 = 65 MPH$

$\Delta = 8^{\circ}00'$   
 $L_s = 400'$   
 $L_t = 266.94'$   
 $S_T = 133.58'$

Arc = 54.2'  
 $\Delta = 54.2' N 49^{\circ}09' W$   
 Ch. = 54.2' to be constructed.

SEE DETAIL "A" ON SHEET II

| FEDERAL ROAD DISTRICT | PROJ. NO.    | TOTAL SHEETS |
|-----------------------|--------------|--------------|
| COLORADO              | C 99-0109-07 | 20           |
| REVISION              |              |              |
|                       |              |              |
|                       |              |              |
|                       |              |              |
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|                       |              |              |
|                       |              |              |

RIGHT OF WAY  
 SOUTH OF LA JUNTA

