

# STATE DEPARTMENT OF HIGHWAYS

## DIVISION OF HIGHWAYS—STATE OF COLORADO

CONVENTIONAL SIGNS

County Line  
Township or Range Line  
Land Lines  
Property or Tract Line  
City Limits  
Railroad  
Existing Road  
New Road

Control of Access  
Access denied by Deed  
Right of Way Line  
Protected by Freeway (Virgin Location)  
Top of Cuts  
Toe of Fills  
Barbed Wire Fence  
Chain Link Fence  
Woven Wire-Combination Fence  
Snow Fence  
Wood Fence  
Dear Fence

Trees  
35' Deciduous  
60' Coniferous

Tel. & Teleg. Lines  
Electric Lines  
Elec. Trans. Tower  
Buried Tel. Cable  
Buried Electric Cable  
Gas Main  
Oil Main  
Water Main  
Sanitary Sewers  
Storm Sewers

Road Approaches  
Section Corner  
Center of Section

Curves & Drains  
Proposed  
Existing  
Proposed  
Existing (To be dashed)

Bridges  
Existing (To be dashed)

### RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BRF 040-5(4) & STATE PROJECT STATE HIGHWAY NO. 40 CHEYENNE COUNTY

#### RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS

PLAN SHEETS 1" = 50'  
DETAIL SHEETS 1" = 50'  
OWNERSHIP MAPS 1" = 1"

ROW LENGTH OF PROJECT = 490.9 ft. 0.09 mi

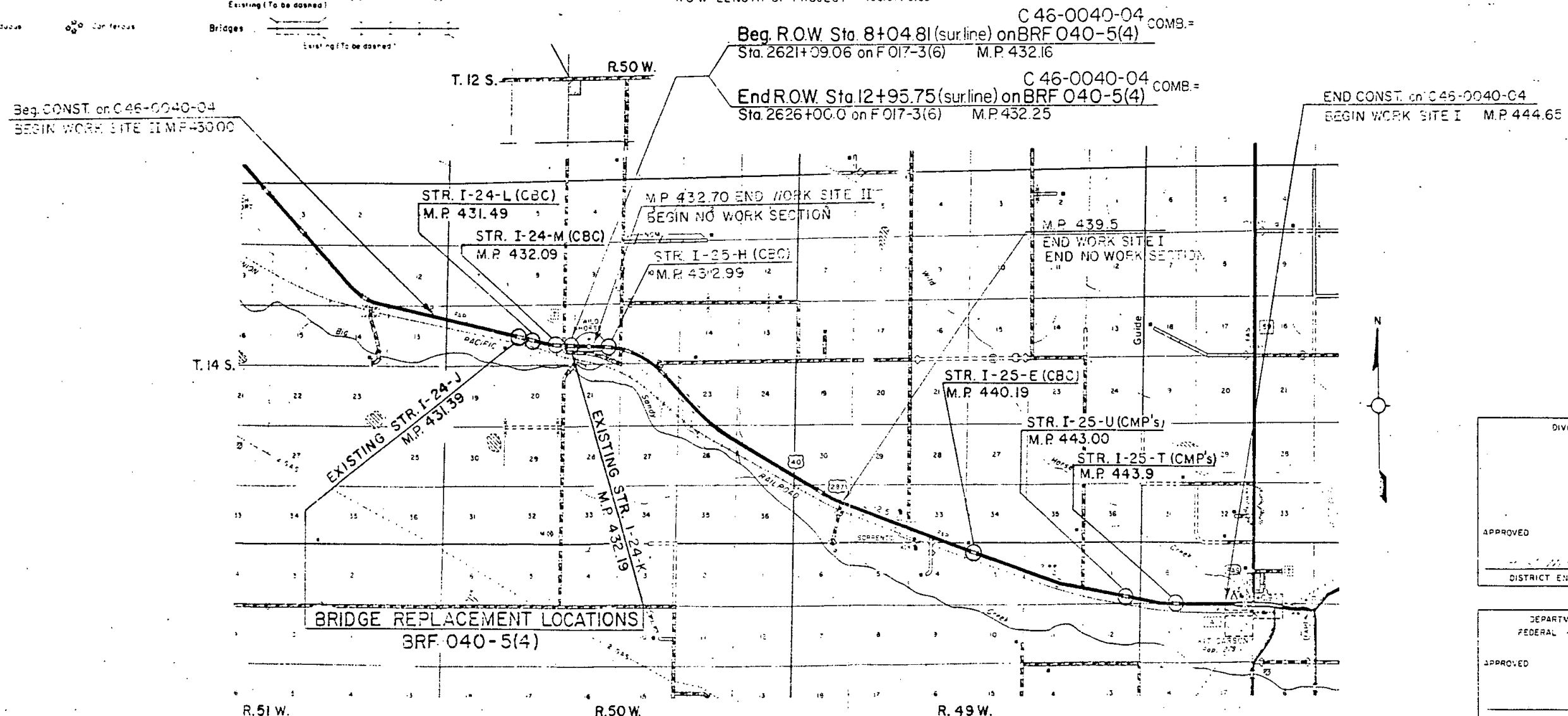
| FEDERAL ROAD<br>REGION NO. | DIVISION | PROJECT NO.                           | SHEET<br>NO. |
|----------------------------|----------|---------------------------------------|--------------|
| 22                         | COLORADO | C 46-0040-C4<br>BRF 040-5(4) COMBINED | 1            |

RIGHT OF WAY  
5.9 MILES E. JCT. S.H. 94

| REVISIONS |                     |
|-----------|---------------------|
| 5-2-85    | Added State Project |
|           |                     |
|           |                     |
|           |                     |
|           |                     |

SHEET NO. INDEX OF SHEETS

1. Title Sheet
2. Tabulation of Properties
- 3-4. R.O.W. Detail Sheet



|                      |      |
|----------------------|------|
| DIVISION OF HIGHWAYS |      |
| APPROVED             | DATE |
| DISTRICT ENGINEER    | DATE |

|                                                                |      |
|----------------------------------------------------------------|------|
| DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATION |      |
| APPROVED                                                       | DATE |
| DIVISION ADMINISTRATOR                                         |      |

PROJ. BRF 040-5(4)

COMBINED

### RIGHT OF WAY

[illegible]

| FEDERAL ROAD REGION NO. | DIVISION | PROJ. NO.                    | SHEET NO. | TOTAL SHEETS |
|-------------------------|----------|------------------------------|-----------|--------------|
| VIII                    | COLORADO | C 46-0040-04<br>BRF 040-5(4) | 3         | 4            |

RIGHT OF WAY  
5.9 MILES E. JCT. S.H. 94

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

# Utilities

Eastern Slope Rural Telephone Association, Inc.

NOTE: 10+00 on Survey Line = 2583+99.25 on F017-3(6) Bearing from Same Project

N.W. 1/4 Sec. 17  
T. 14 S., R. 50 W.

5+ to 9+ ~ Req'd Detour Lt.,  
Remove Asphalt Mat  
from Detour Lt.

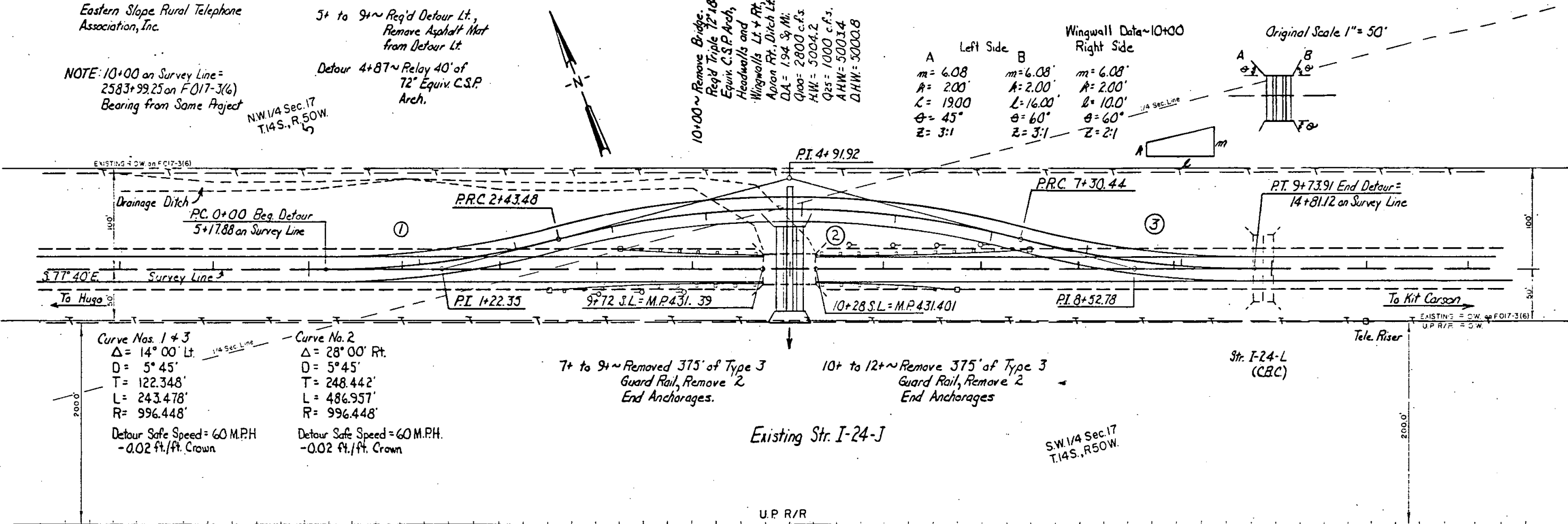
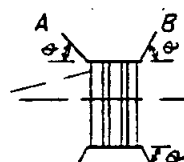
Detour 4+87 ~ Relay 40' of  
72" Equiv. C.S.P.  
Arch.

10+00 ~ Remove Bridge.  
Reg'd Triple 72" 104"  
Equiv. C.S.P. Arch.,  
Headwalls and  
Wingwalls Lt. & Rt.,  
Apex Rt. Ditch Lt.  
DA = 1.94 S. Mi.  
Q100 = 2800 c.f.s.  
Q25 = 1000 c.f.s.  
AHW = 5001.4  
DHW = 5000.8

Wingwall Data ~ 10+00

| Left Side |           | Right Side |          |
|-----------|-----------|------------|----------|
| A         | B         | A          | B        |
| m = 6.08  | m = 6.08  | m = 6.08   | m = 6.08 |
| A = 2.00  | A = 2.00  | A = 2.00   | A = 2.00 |
| L = 19.00 | L = 16.00 | L = 10.0   | L = 10.0 |
| θ = 45°   | θ = 60°   | θ = 60°    | θ = 60°  |
| Z = 3:1   | Z = 3:1   | Z = 2:1    | Z = 2:1  |

Original Scale 1" = 50'



Curve Nos. 1 & 3  
Δ = 14° 00' Lt.  
D = 5° 45'  
T = 122.348'  
L = 243.478'  
R = 996.448'

Detour Safe Speed = 60 M.P.H.  
-0.02 ft./ft. Crown

Curve No. 2  
Δ = 28° 00' Rt.  
D = 5° 45'  
T = 248.442'  
L = 486.957'  
R = 996.448'

Detour Safe Speed = 60 M.P.H.  
-0.02 ft./ft. Crown

7+ to 9+ ~ Remove 375' of Type 3  
Guard Rail, Remove 2  
End Anchorages.

10+ to 12+ ~ Remove 375' of Type 3  
Guard Rail, Remove 2  
End Anchorages

Existing Str. I-24-J

Str. I-24-L  
(CBC)

S.W. 1/4 Sec. 17  
T. 14 S., R. 50 W.

| FEDERAL ROAD REGION NO | DIVISION | PROJ NO                      | SHEET NO | TOTAL SHEETS |
|------------------------|----------|------------------------------|----------|--------------|
| VIII                   | COLORADO | C 46-0040-04<br>BRF 040-5(4) | 4        | 4            |

RIGHT OF WAY  
5.9 MILES E. JCT. S.H. 94

| REVISIONS |
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SW 1/4 Section 16  
T14S, R50W

C46-0040-04 COMB.=  
BEG. R.O.W. Sta. 8+04.81 (Sur. Line) on BRF 040-5(4)  
Sta. 2621+09.06 on F017-3(6) M.P. 432.16

Utilities  
Eastern Slope Rural Telephone  
Association, Inc.

NOTE: 10+00 on Survey Line =  
2623+04.25 on F017-3(6),  
Bearing from Same Project

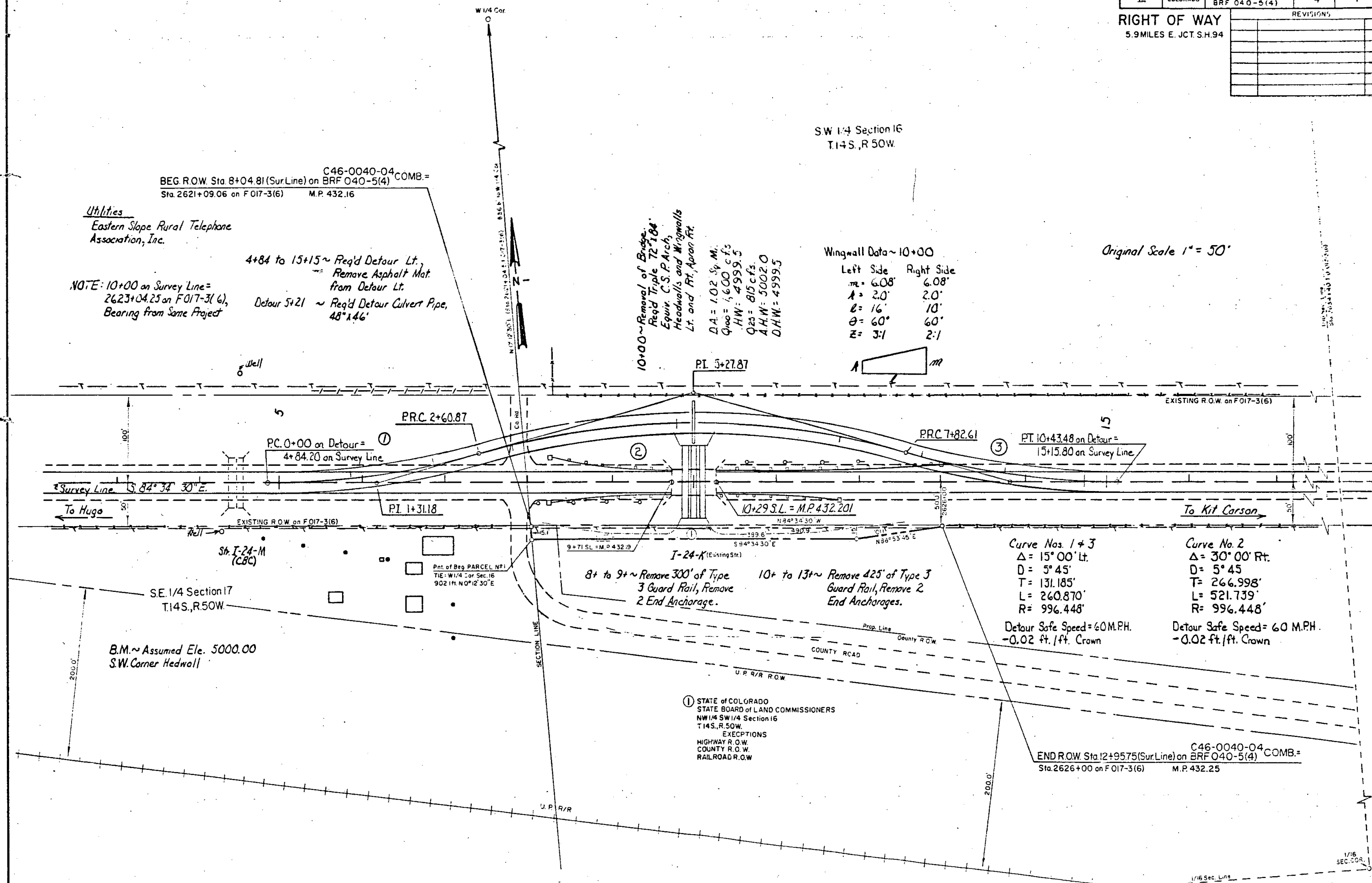
4+84 to 15+15 ~ Req'd Detour Lt.,  
Remove Asphalt Mat.  
from Detour Lt.  
Detour 5+21 ~ Req'd Detour Culvert Pipe,  
48" x 46"

10+00 ~ Removal of Bridge.  
Req'd Triple 72' x 184'  
Equiv. C.S.P. Arch,  
Headwalls and Wingwalls  
Lt. and Rt. Apron Fts.  
DA = 1.02 S<sub>y</sub> M.  
Q<sub>100</sub> = 1,600 cfs  
HW = 4999.5  
Q<sub>25</sub> = 815 cfs  
AHW = 5002.0  
DHW = 4999.5

Wingwall Data ~ 10+00

| Left Side | Right Side |
|-----------|------------|
| m = 6.08' | 6.08'      |
| A = 2.0'  | 2.0'       |
| l = 16'   | 10'        |
| θ = 60°   | 60°        |
| Z = 3:1   | 2:1        |

Original Scale 1" = 50'



Curve Nos. 1 & 3  
Δ = 15° 00' Lt.  
D = 5° 45'  
T = 131.185'  
L = 260.870'  
R = 996.448'

Detour Safe Speed = 60 M.P.H.  
-0.02 ft./ft. Crown

Curve No. 2  
Δ = 30° 00' Rt.  
D = 5° 45'  
T = 266.998'  
L = 521.739'  
R = 996.448'

Detour Safe Speed = 60 M.P.H.  
-0.02 ft./ft. Crown

① STATE OF COLORADO  
STATE BOARD of LAND COMMISSIONERS  
NW 1/4 SW 1/4 Section 16  
T14S, R50W.  
EXCEPTIONS  
HIGHWAY R.O.W.  
COUNTY R.O.W.  
RAILROAD R.O.W.

C46-0040-04 COMB.=  
END R.O.W. Sta. 12+95.75 (Sur. Line) on BRF 040-5(4)  
Sta. 2626+00 on F017-3(6) M.P. 432.25

1/16  
SEC. COR.