

|                  |          |                     |           |
|------------------|----------|---------------------|-----------|
| FED. ROAD REGION | DIVISION | PROJECT NO.         | SHEET NO. |
| VIII             | COLO.    | CX-CXBRF 03-0034-21 | 1         |
| AS CONSTRUCTED   |          |                     |           |
| NO REVISIONS     |          |                     | VOID      |

STATE DEPARTMENT OF HIGHWAYS  
DIVISION OF HIGHWAYS - STATE OF COLORADO  
PLAN AND PROFILE OF PROPOSED- AS CONSTRUCTED  
COLORADO PROJECT NO. CX-CXBRF 03-0034-21  
STATE HIGHWAY NO. 34  
WELD COUNTY

AS CONSTRUCTED PLANS  
RETURN TO DIST. 4 DESIGN

SCALES OF ORIGINAL DRAWINGS

ON PLAN 1" = 50'  
ON PROFILE 1" = 50' HORIZONTAL  
1" = 5' VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

TABULATION OF LENGTH & DESIGN DATA

| STATION                                                     | ROADWAY<br>Lin. Ft. | MAJOR STR.<br>Lin. Ft. |
|-------------------------------------------------------------|---------------------|------------------------|
| Sta. 1025+00 ~ Begin<br>CX-CXBRF 03-0034-21<br>M.P. 107.576 |                     |                        |
| Sta. 1045+30.88<br>Major Str. C-17-EX<br>Sta. 1045+57.12    | 2,030.88            | 26.24                  |
| Sta. 1090+53.42<br>Major Str. C-17-EX<br>Sta. 1090+82.58    | 4,496.30            | 29.16                  |
| Sta. 1142+00 ~ End<br>CX-CXBRF 03-0034-21<br>M.P. 109.792   | 5,117.42            |                        |
| TOTALS                                                      | 11,644.60           | 55.40                  |
| SUMMARY                                                     | Lin. Ft.            | Miles                  |
| Roadway Net Length                                          | 11,644.60           | 2.2054                 |
| Major Structures                                            | 55.40               | 0.0105                 |
| Project Gross Length                                        | 11,700.00           | 2.2159                 |
| DESIGN DATA                                                 |                     |                        |
| MAXIMUM DEGREE OF CURVE                                     | 1° 00'              |                        |
| MAXIMUM GRADE                                               | 1.6932%             |                        |
| MINIMUM S.S.D. HORIZONTAL                                   | >1000               |                        |
| MINIMUM S.S.D. VERTICAL                                     | 680'                |                        |
| MAXIMUM DESIGN SPEED                                        | 60 M.P.H.           |                        |
| 2011 DESIGN TRAFFIC VOLUME                                  |                     |                        |
| DHV                                                         | 3035                |                        |
| ADT                                                         | 27590               |                        |
| % TRUCKS                                                    | 4%                  |                        |

SHEET NO.

1. TITLE SHEET
2. STANDARD PLANS LIST
3. TYPICAL SECTIONS
4. GENERAL NOTES
5. SUMMARY OF APPROXIMATE QUANTITIES
6. STRUCTURE QUANTITIES
7. REMOVAL OF ASPHALT MAT, TABULATION OF CONCRETE PAVEMENT, SURFACING
8. PLAN, STABILIZATION PLAN
9. TABULATION OF CURB & GUTTER, DETAILS OF CURB (MEDIAN) (SPECIAL),
10. DETAILS OF MEDIAN COVER MATERIAL, MEDIAN COVER MATERIAL
11. (PATTERNED CONCRETE)
12. TABULATION OF DELINEATORS, REMOVAL OF GUARD RAIL, TABULATION
13. OF FENCE, SUMMARY OF EARTHWORK QUANTITIES (TEACHING) DETAILS OF
14. DETAILS OF PLUG INLET, DETAIL OF ADJUST MANHOLE & VALVE BOX, DETAILS OF
15. TYPICAL ROADWAY OPENINGS, DETAILS OF MEDIAN OPENING OVERLAY
16. TEMPORARY SAND BARREL IMPACT ATTENUATORS
17. TYPE - ENERGIZE AND FITCH
18. CONCRETE PAVEMENT JOINTS
19. CONCRETE PAVEMENT JOINTS, 65TH. AVE.
20. DETAIL OF RUMBLE STRIPS (SHOULDER GROOVING), PIPE UNDERDRAIN,
21. SUBSURFACE DRAIN OUTLET END TREATMENT
22. CONSTRUCTION PHASING
23. DETAILS OF DETOUR CROSSOVERS
24. BRIDGE PLANS, STR. C-17-EX
25. BRIDGE PROFILES SHEETS
26. CONSTRUCTION PHASE TEMPORARY SIGNAL PLAN, U.S. 34 BYPASS & 47TH. AVE.
27. TRAFFIC SIGNAL PLAN, U.S. 34 BYPASS & 47TH. AVE., GREELEY
28. SCHEDULE OF CONSTRUCTION TRAFFIC CONTROL DEVICES
29. TABULATION OF SIGNS
30. CLASS III SIGN PANEL CROSS SECTIONS
31. TABULATION OF PAVEMENT MARKINGS
32. PERMANENT SIGNING AND STRIPING
33. FLASHING BEACON AND SIGN INSTALLATION
34. TYPICAL TRAFFIC SIGN INSTALLATION DETAILS
35. CLASS I AND II SIGN SUPPORT DETAILS FOR GROUND SIGNS
36. DETAILS OF TYPICAL POWER CONNECTIONS
37. CONTROL AND MONUMENTATION SHEET
38. SURVEY MONUMENTS
39. NEW & REVISED STANDARDS
40. M-203-11 SUPERELEVATION OF CURVES-DIVIDED HIGHWAYS (AUG. 16, 1984)
41. M-612-12 SHOULDER PAVEMENT 4 CONCRETE BARRIER (9 SHEETS) (FEB. 18, 1983)
42. M-620-2 FIELD LABORATORY - CLASS 2 (1 SHEET) (MAY 25, 1988)

Sta. 1025+00 ~  
Begin. CX-CXBRF 03-0034-21  
M.P. 107.576  
= Sta. 536+75.33 on Proj. F 007-1(15)  
R.66W

Sta. 1142+00 ~  
End. CX-CXBRF 03-0034-21  
M.P. 109.792  
= Sta. 419+79.15 ON Proj. F 007-1(15)  
R.65W



SCALE IN MILES



AS CONSTRUCTED INFORMATION

Contractor La-Ho-Rock Constr. Co.  
Project Engineer Rick Gabel  
Project Started 1-21-92  
Project Completed 10-1-92  
Approved [Signature] Date 1-2-92  
Resident Engr. [Signature]

90444 G.R.R./DIST. 4



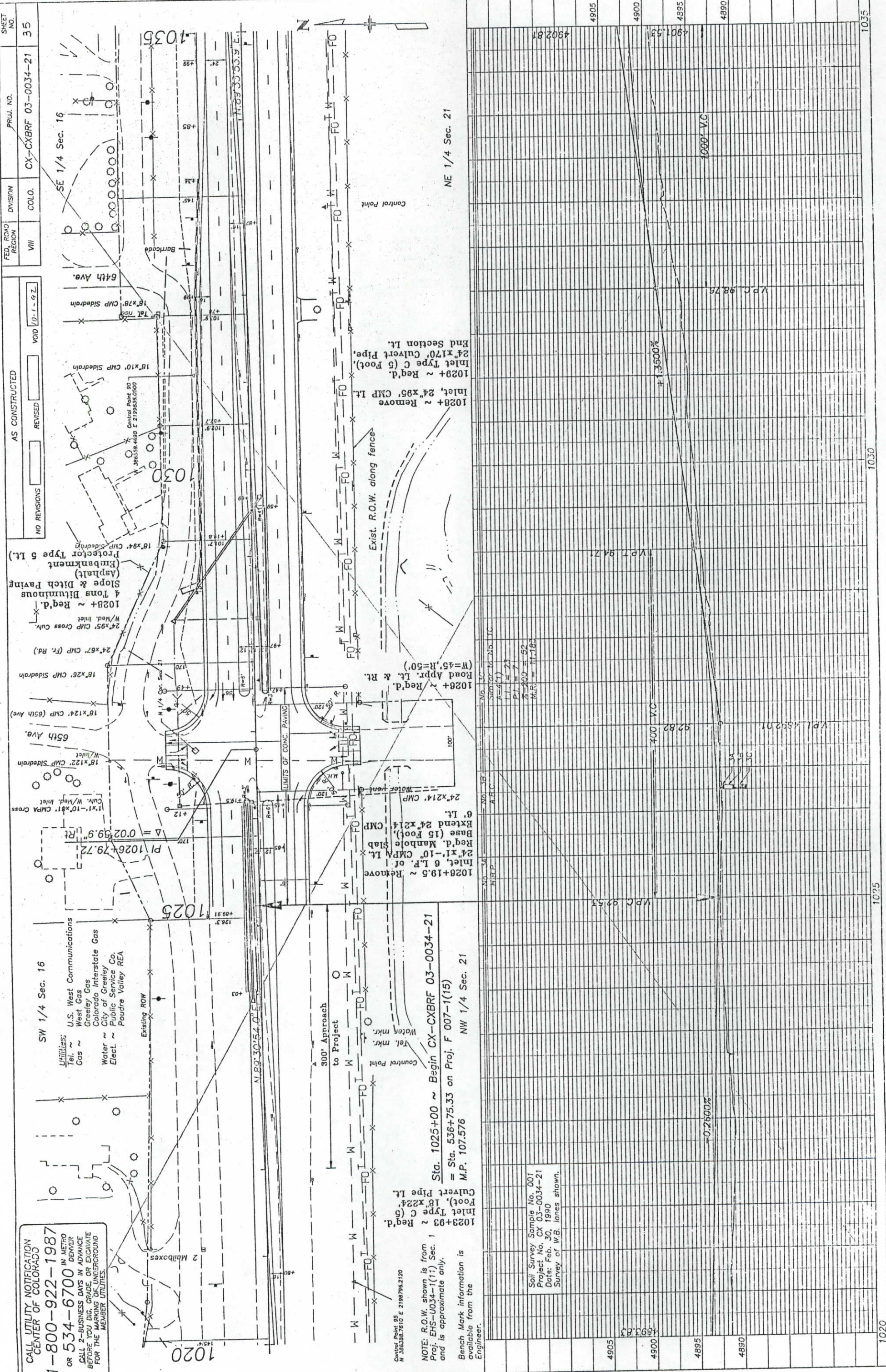
CALL UTILITY NOTIFICATION  
CENTER OF COLORADO  
1-800-922-1987  
OR 534-6700 IN METRO  
DENVER  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
FOR THE MEMBER UTILITIES.

|                   |                   |
|-------------------|-------------------|
| <u>Utilities:</u> |                   |
| Tel. ~            | U.S. West Comm    |
| Gas ~             | West Gas          |
|                   | Greeley Gas       |
|                   | Colorado Intersta |
| Water ~           | City of Greeley   |
| Elect. ~          | Public Service Co |
|                   | Poudre Valley RE  |

Control Point 95  
N N 36398.7610 E 2198796.2120

Sta. 1025+00 ~ Begin CX-CXBRF 03-0034-21  
= Sta. 536+75.33 on Proj. F 007-1(15)  
M.P. 107.576 NW 1/4 Sec. 21

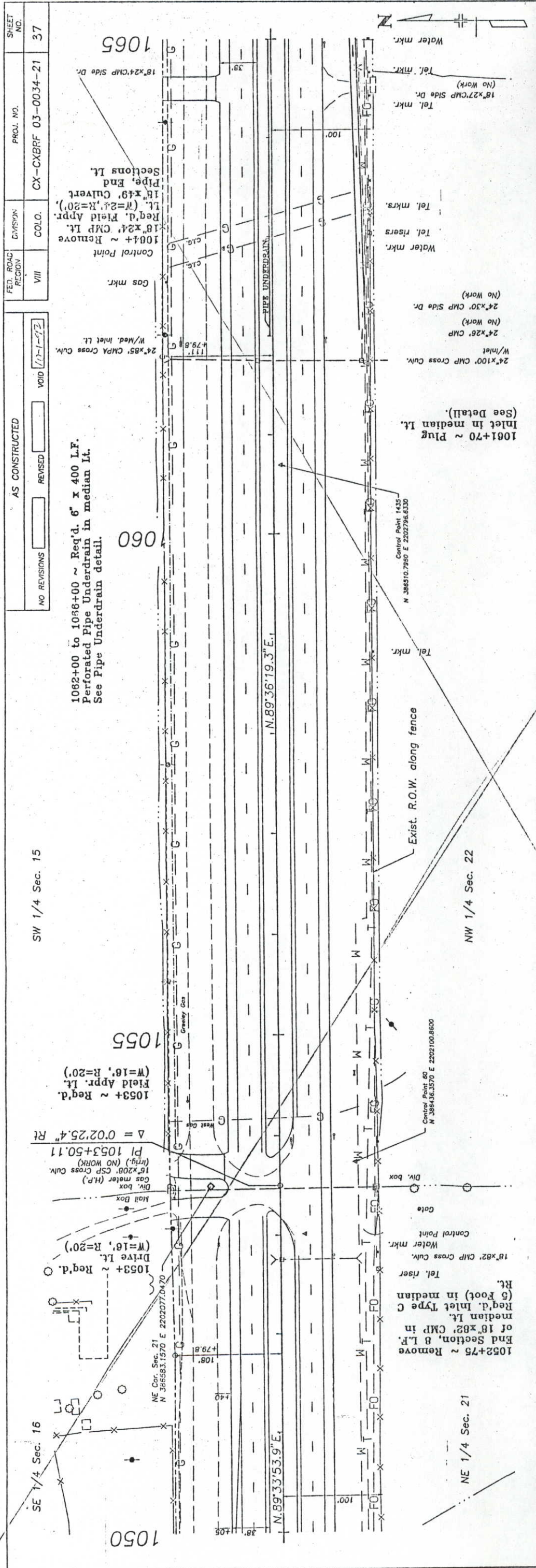
Soil Survey Sample No. 001  
Project No. CX 03-0034-21  
Date: Feb. 30, 1990  
Survey of W.B. lanes shown.







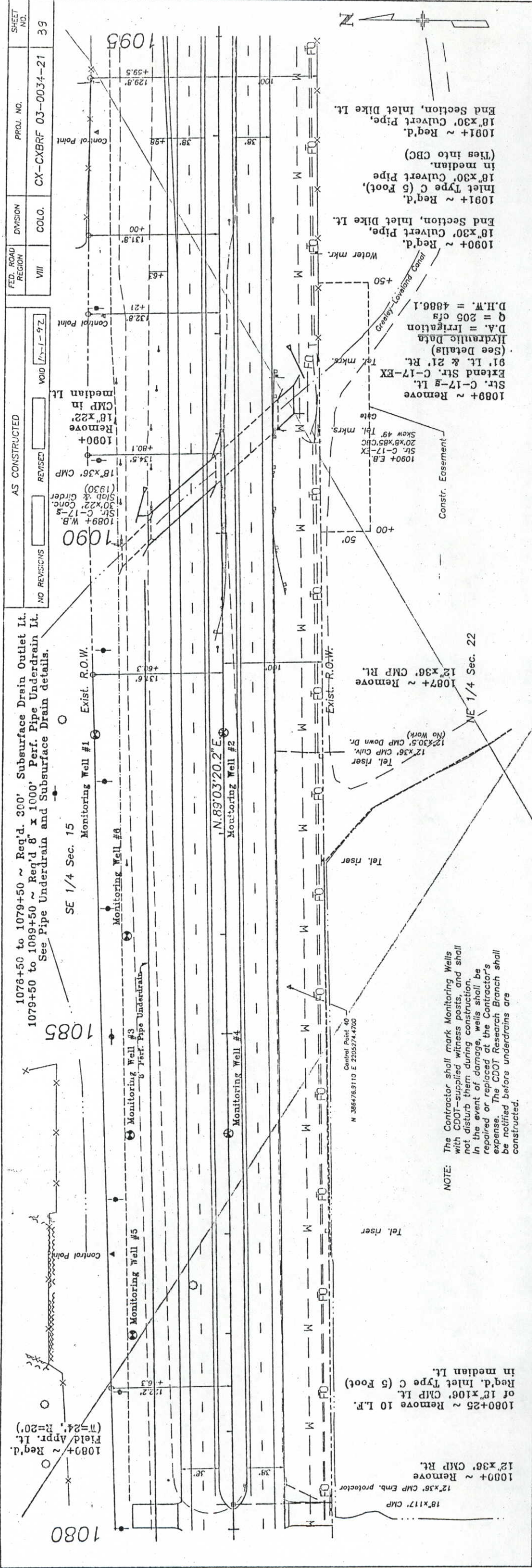




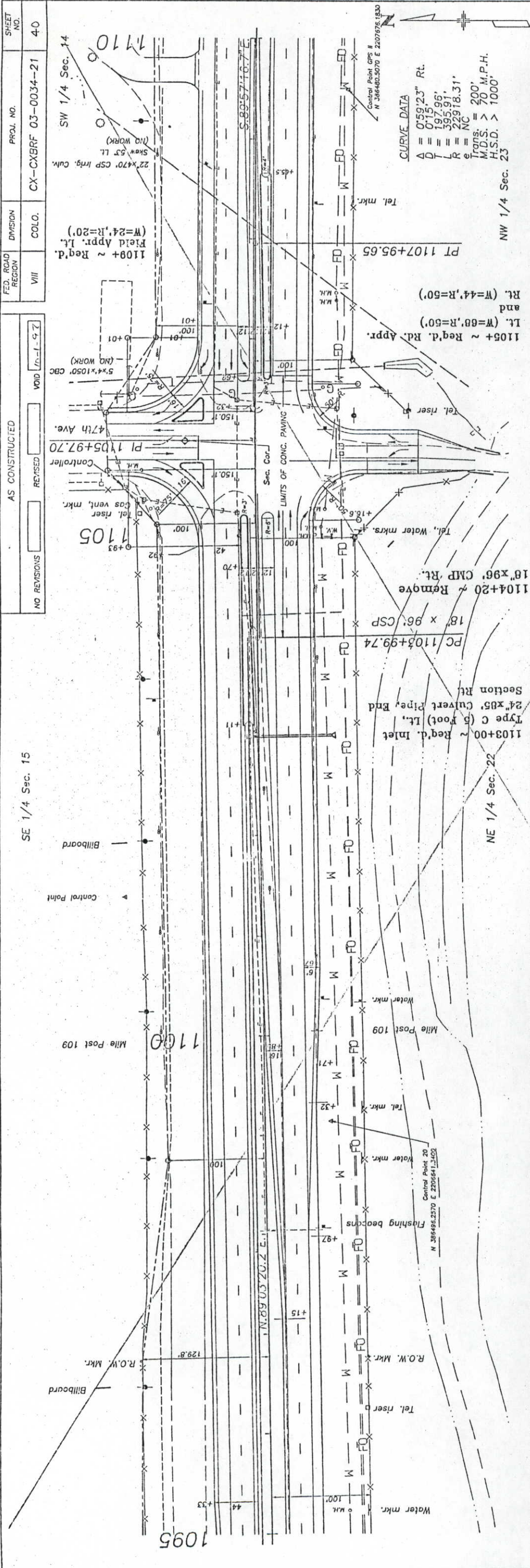
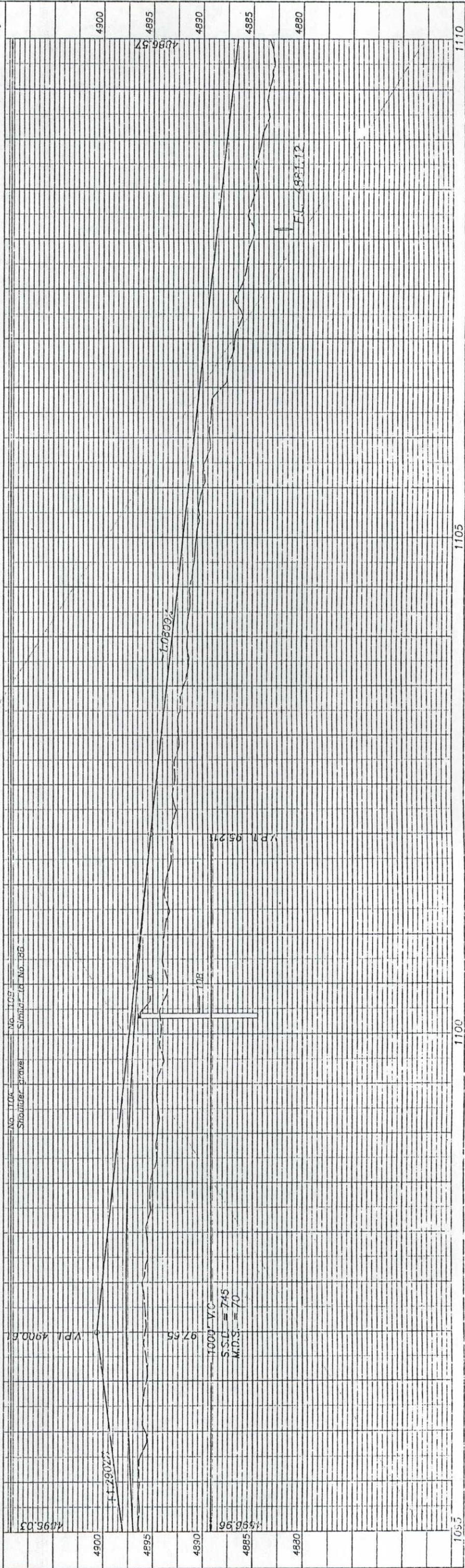


[illegible]









SE 1/4 Sec. 15  
NO REVISIONS  
REVISED  
VOID  
AS CONSTRUCTED  
FED. ROAD REGION VIII  
DIVISION COLO.  
PROJ. NO. CX-CXBRF 03-0034-21  
SHEET NO. 40



|                  |  |          |                     |           |
|------------------|--|----------|---------------------|-----------|
| FED. ROAD REGION |  | DIVISION | PROJ. NO.           | SHEET NO. |
| VIII             |  | COLO.    | CX-CXBRF 03-0034-21 | 4-1       |

SW 1/4 Sec. 14

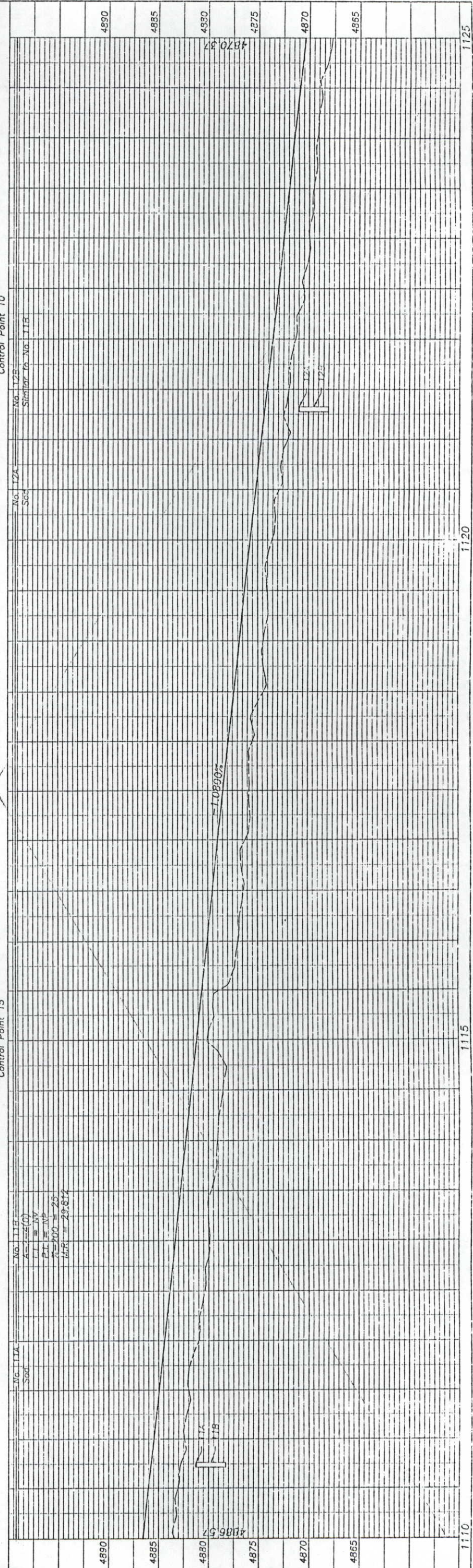
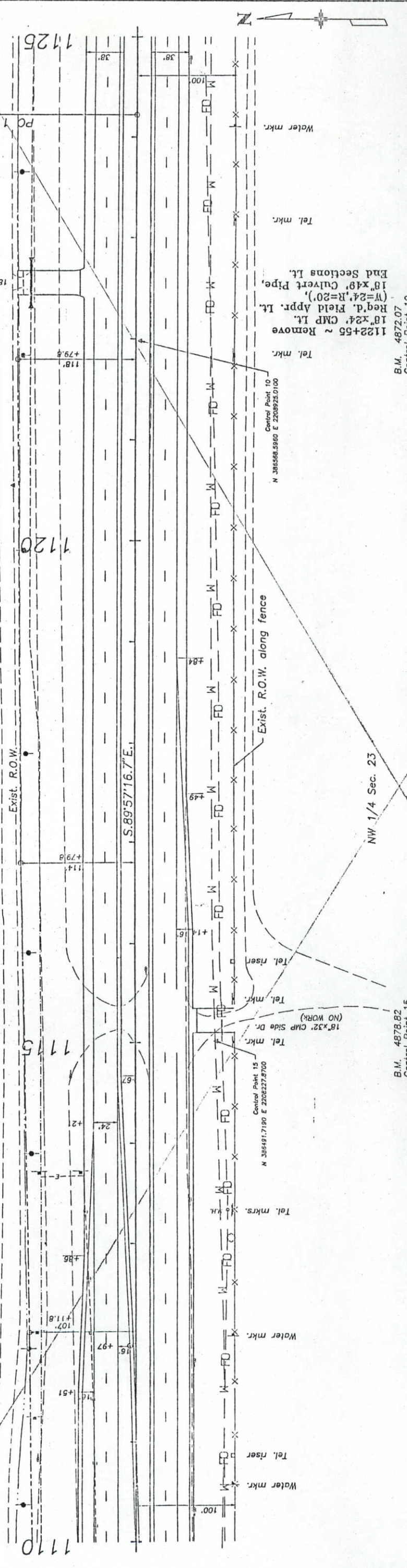
1115+19 ~ Remove  
18"x38" CMP in Median  
median. Lt.

Flashing beacons  
Billboard

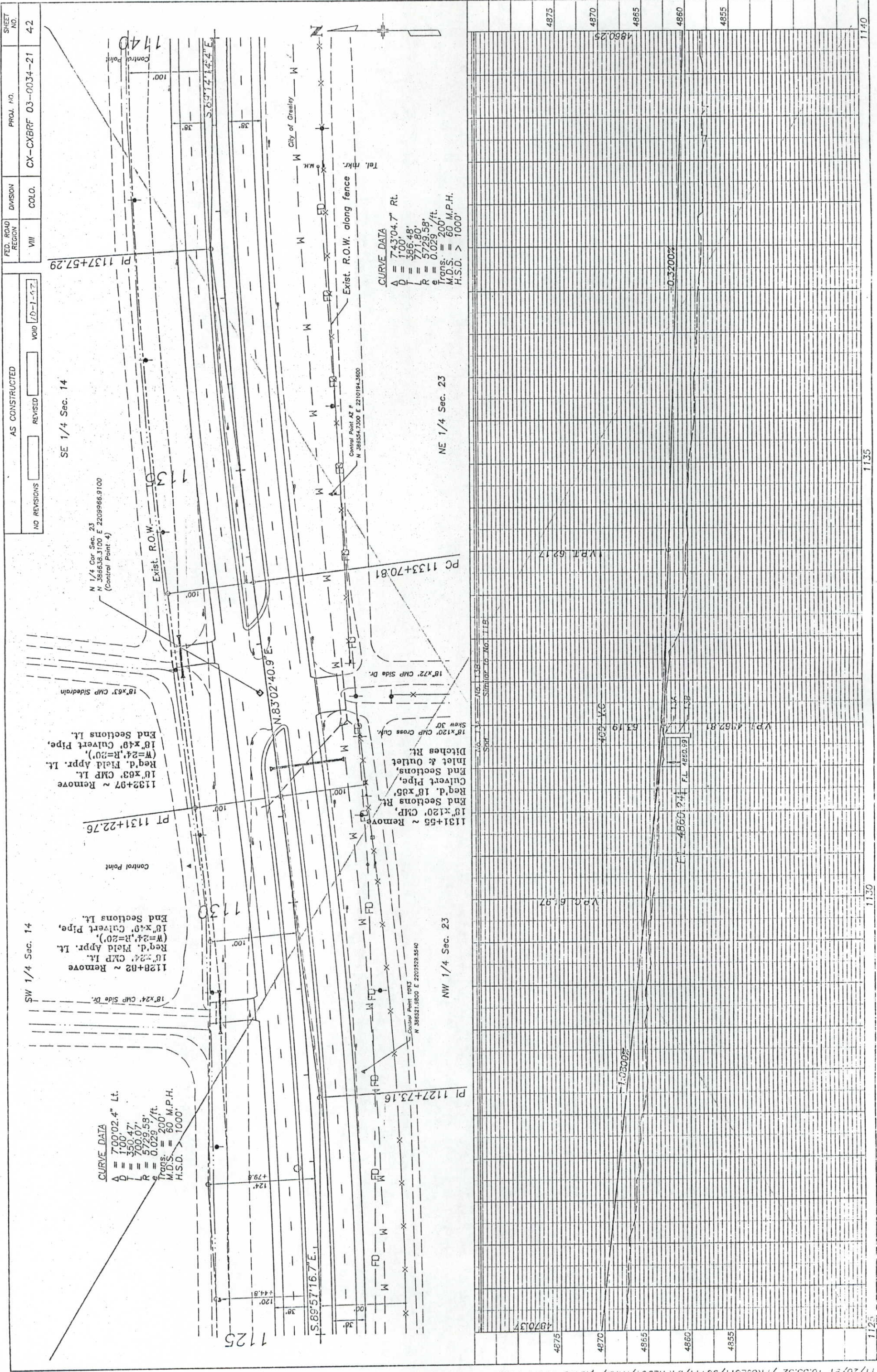
|                |         |
|----------------|---------|
| AS CONSTRUCTED |         |
| NO REVISIONS   | REVISED |
| VOID           | 10-1-92 |

Billboard  
Control Point

18"x24" CSP Side Dr.  
PC 1124+22.69







| FED. ROAD REGION | DIVISION | PROJ. NO.           | SHEET NO. |
|------------------|----------|---------------------|-----------|
| VIII             | COLO.    | CX-CXBRF 03-0034-21 | 42        |

| AS CONSTRUCTED | REVISED | VOID    |
|----------------|---------|---------|
|                |         | 10-1-97 |

SE 1/4 Sec. 14

N 1/4 Cor Sec. 23  
N 386638.3100 E 2209966.9100  
(Control Point 4)

1132+97 ~ Remove  
18"x63" CMP Lt.  
Reg'd. Field Appr. Lt.  
(W=24', R=20')  
18"x49" Culvert Pipe,  
End Sections Lt.

1128+02 ~ Remove  
18"x24" CMP Lt.  
Reg'd. Field Appr. Lt.  
(W=24', R=20')  
18"x49" Culvert Pipe,  
End Sections Lt.

CURVE DATA  
 $\Delta = 700'02.4"$  Lt.  
 $D = 1'00'$   
 $T = 350.47'$   
 $L = 700.07'$   
 $R = 5729.58'$   
 $e = 0.029'$   
 $Trans. = 200'$   
 $M.D.S. = 60$  M.P.H.  
 $H.S.D. > 1000'$

CURVE DATA  
 $\Delta = 743'04.7"$  Rt.  
 $D = 1'00'$   
 $T = 386.48'$   
 $L = 771.80'$   
 $R = 5729.58'$   
 $e = 0.029'$   
 $Trans. = 200'$   
 $M.D.S. = 60$  M.P.H.  
 $H.S.D. > 1000'$

NW 1/4 Sec. 23

NE 1/4 Sec. 23

1125

1130

1135

1140







