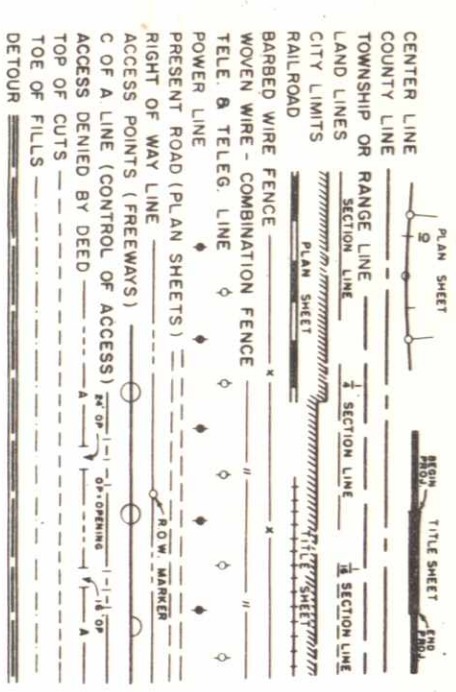


Dict Castel

CONVENTIONAL SIGNS



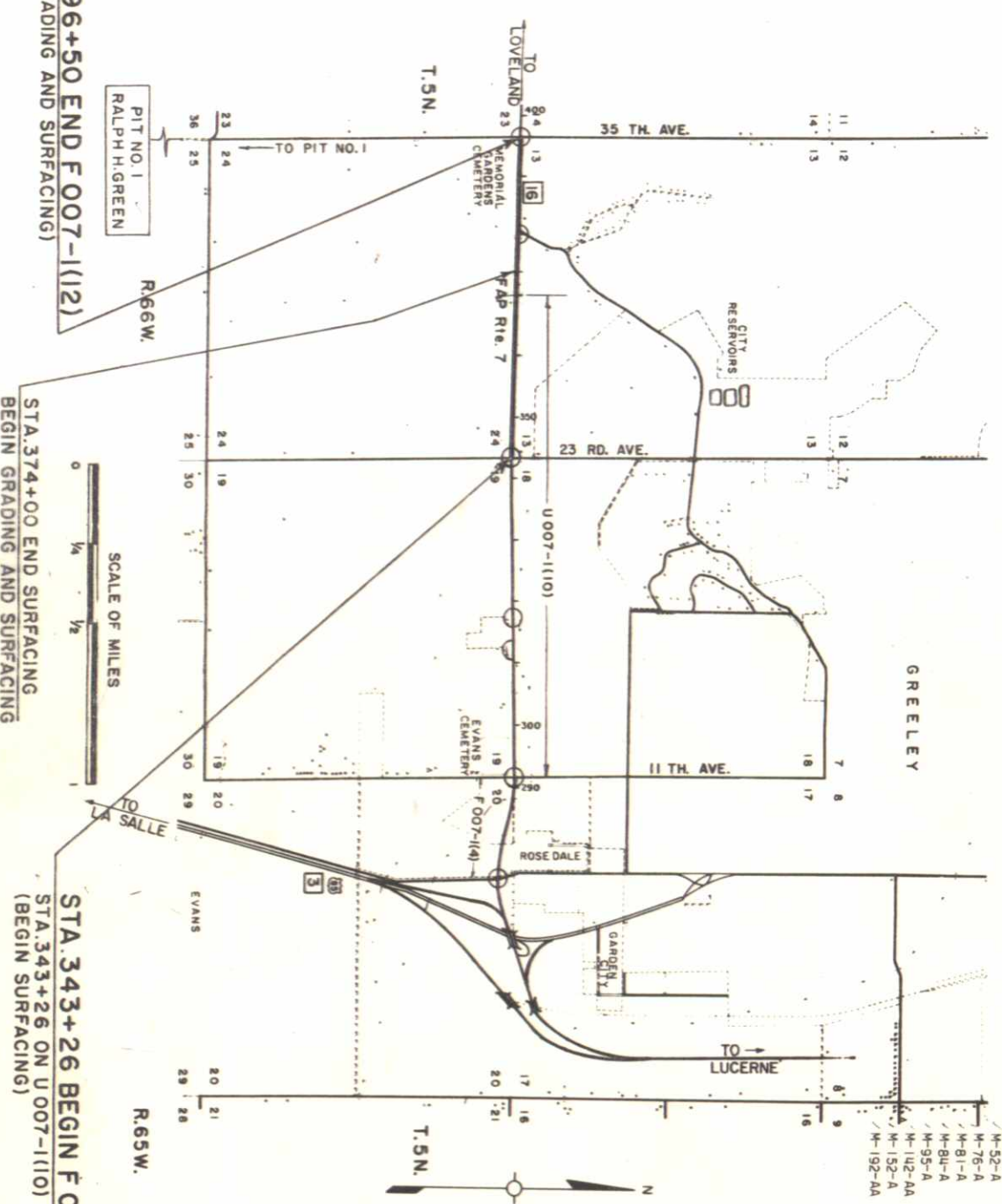
TABULATION OF LENGTH AND DESIGN DATA

| STATION                                                     | ROADWAY LINEAR FEET           |
|-------------------------------------------------------------|-------------------------------|
| 343+26.0 BEGIN FOOT-1(12) (SURF.) = 343+26.0 ON U 007-1(10) | SURFACING GRADING & SURFACING |
| 374+00 END SURFACING                                        | 3074.0                        |
| 379+80.2 BK = EQUATION                                      | 580.2                         |
| 379+79.9 AH                                                 |                               |
| 396+50 END FOOT-1(12) END GRADING & SURFACING               | 1670.1                        |
| TOTALS                                                      | 3074.0 2250.3                 |
| SUMMARY                                                     |                               |
| ROADWAY-SURFACING                                           | LIN. FT. MILES                |
| ROADWAY-GRADING & SURFACING                                 | 3074.0 0.582                  |
| NET & GROSS LENGTH OF PROJECT                               | 2250.3 0.426                  |
| DESIGN DATA                                                 | 5324.3 1.008                  |
| MAXIMUM GRADE                                               | 3.00%                         |
| MAXIMUM DEGREE OF CURVE                                     | TANGENT > 900'                |
| MINIMUM S.S.D.-HORIZONTAL                                   | 430'                          |
| MINIMUM S.S.D.-VERTICAL                                     | 55 MPH                        |
| MAXIMUM DESIGN SPEED                                        |                               |

DEPARTMENT OF HIGHWAYS  
STATE OF COLORADO

PLAN AND PROFILE OF ~~PROPOSED~~  
FEDERAL AID PROJECT NO. F 007-1(12)  
STATE HIGHWAY NO. 16  
WELD COUNTY

ON PLAN: 1" = 50 FT.  
ON PROFILE: 1" = 50 FT. HORIZONTAL  
1" = 5 FT. VERTICAL  
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD



INDEX OF SHEETS

| SHEET NO. | TITLE SHEET, SKETCH MAP AND TABULATION OF LENGTH & DESIGN DATA                                                                                                                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1         | TYPICAL CROSS SECTIONS AND GENERAL NOTES                                                                                                                                                                                                                           |
| 2         | SUMMARY OF APPROXIMATE QUANTITIES                                                                                                                                                                                                                                  |
| 3         | STRUCTURE QUANTITIES                                                                                                                                                                                                                                               |
| 4         | DELINATORS, SUBBASE & SURFACING PLAN, SUMMARY OF EARTHWORK, DETAILS OF SYPHONS, DIVISION BOX STA. 396+, DIVISION BOX STA. 379+ & 380+ CONCRETE DITCH PAVING AND DIVISION BOX CONNECTION, STA. 379+ CONCRETE PIPE SIPHON (STANDARD M-52-B REVISED FOR THIS PROJECT) |
| 5         | PIT SKETCH                                                                                                                                                                                                                                                         |
| 6         | ALIGNMENT PLAN AND PROFILE SHEETS                                                                                                                                                                                                                                  |
| 7         | STRUCTURE CROSS SECTIONS                                                                                                                                                                                                                                           |

|          |                                                                       |             |
|----------|-----------------------------------------------------------------------|-------------|
| M-2-A    | APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING | 2-3-64      |
| M-6-B    | CONSTRUCTION TRAFFIC SIGNS                                            | 8-24-64     |
| M-6-3A   | TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION                              | 2-1-65      |
| M-6-CA   | IDENTIFICATION SIGNS                                                  | 6-26-64     |
| M-13-A   | DITCH TYPES                                                           | 2-3-64      |
| M-15-A   | BACKFILL AROUND STRUCTURES                                            | 1-31-64     |
| M-16-A   | CULVERT PIPE                                                          | 4-16-65     |
| M-16-B   | CONCRETE MEDIAN INLETS                                                | 2-3-64      |
| M-81-A   | REINFORCED CONCRETE PIPE                                              | 4-8-65      |
| M-81-B   | WIRE FENCES AND GATES                                                 | 1-31-64     |
| M-95-A   | MARKER POSTS AND BENCH MARKS                                          | 8-24-64     |
| M-95-B   | CURBS AND GUTTERS                                                     | 3-9-65      |
| M-142-AA | HEADWALLS AND APRONS FOR CMP CULVERTS                                 | 2-1-65      |
| M-152-A  | TIMBER BARRICADES                                                     | 2-11-64     |
| M-152-AA | CONCRETE END AND ANGLE SECTIONS                                       | 10-27-64    |
| M-192-AA | DELINATORS                                                            | 1/2 SHEETS/ |



SEE SPECIAL PROVISIONS FOR  
NOTICE TO BIDDERS

DEPARTMENT OF HIGHWAYS  
STATE OF COLORADO

APPROVED: *Chas. E. Blumatt* 6-28-65  
CHIEF ENGINEER

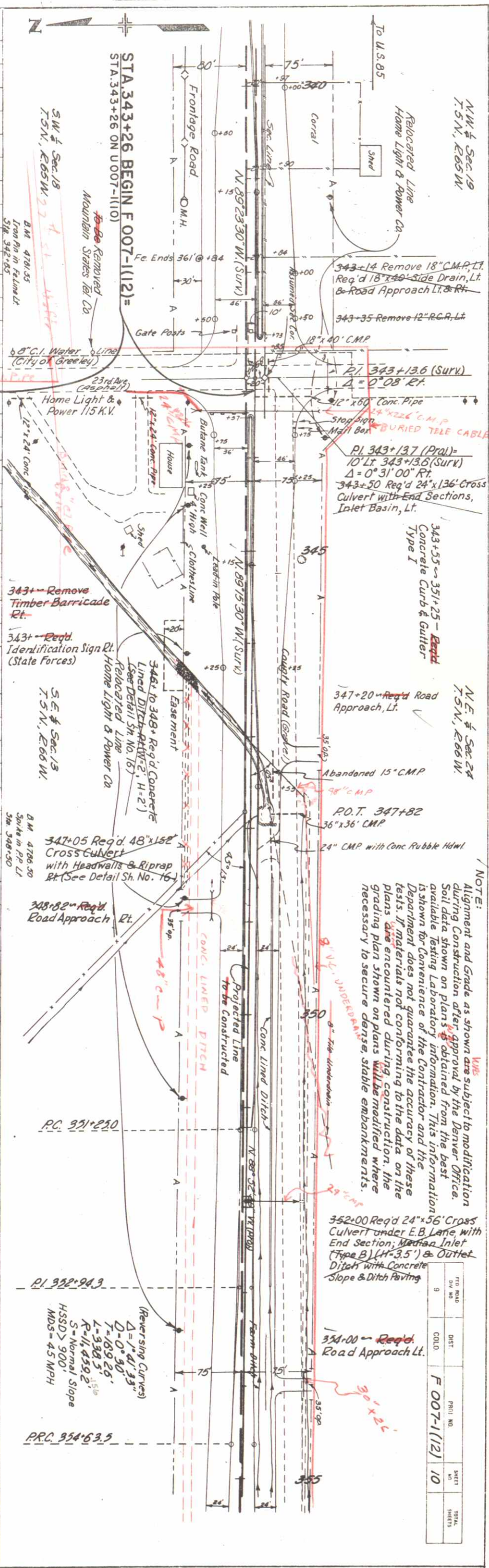
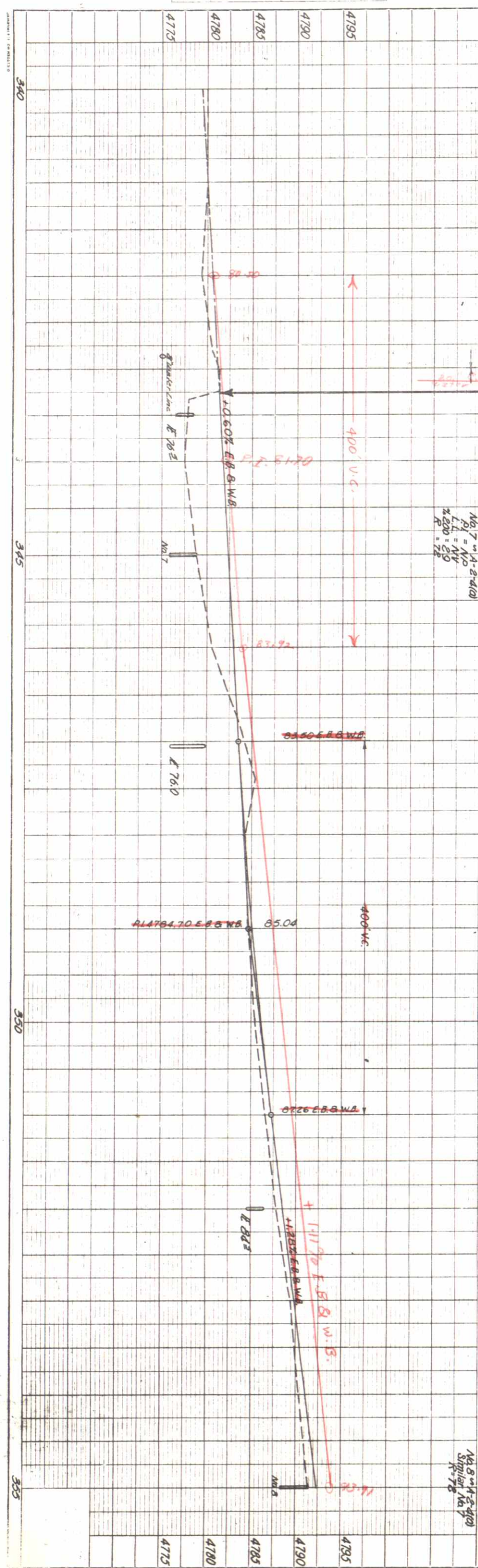
By *J. L. Brown* Deputy Chief Engr.  
DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED: \_\_\_\_\_  
DIVISION ENGINEER

DATE

APPROVED: \_\_\_\_\_  
DIVISION ENGINEER





NOTE:  
Alignment and Grade as shown are subject to modification during construction after approval by the Denver Office. Soil data shown on plans is obtained from the best available testing laboratory information. This information is shown for 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, the grading plan shown on plans will be modified where necessary to secure a dense, stable embankment.

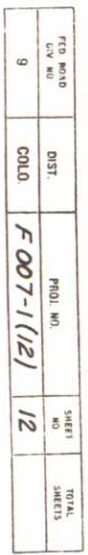
| FILE NO. | DIST. | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|----------|-------|-------------|-----------|--------------|
| 9        | COLD  | F 007-1(12) | 10        |              |



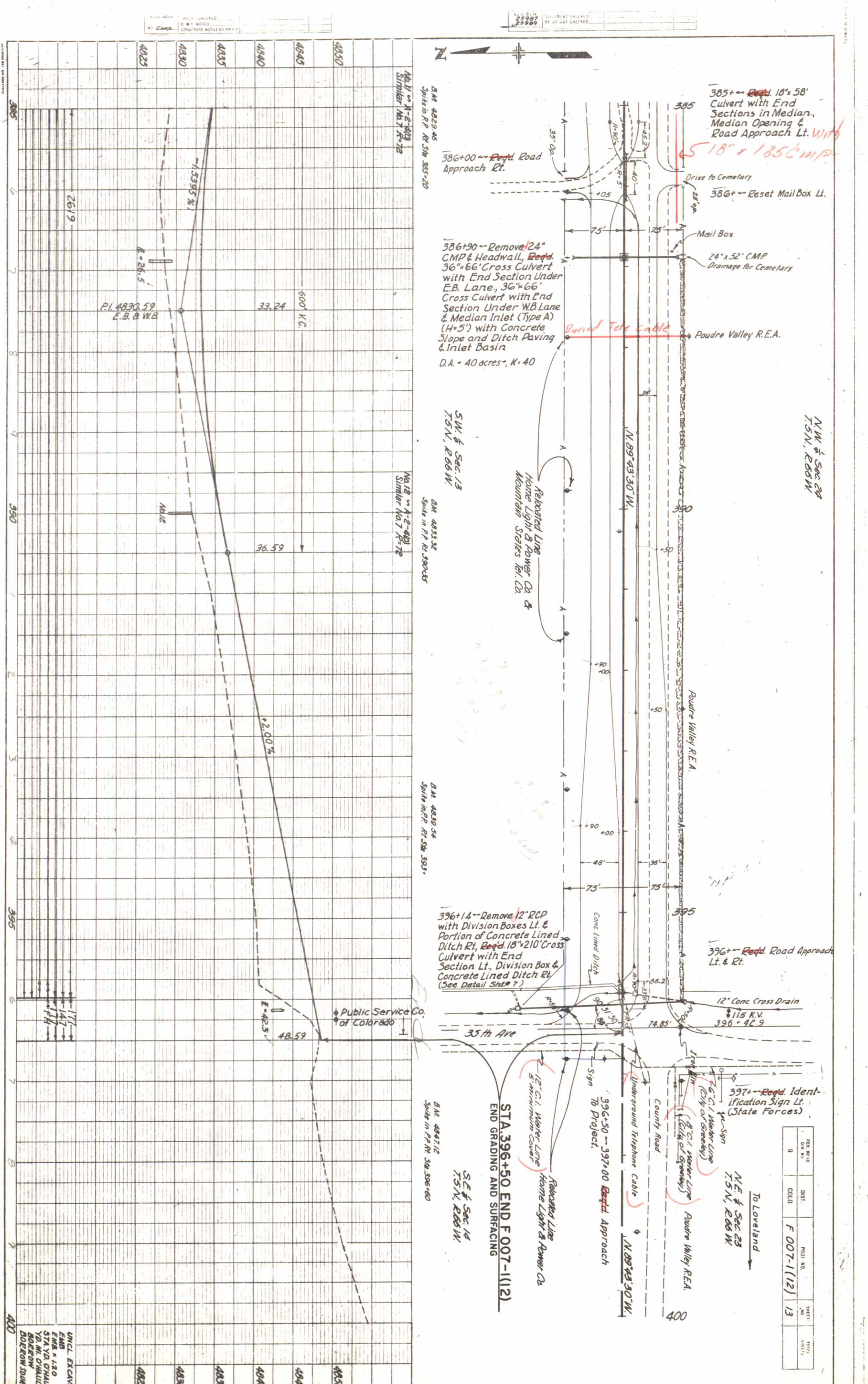




NO 25969  
24418







385+00 ~~Repld.~~ 18'x58' Culvert with End Sections in Median, Median Opening & Road Approach Lt. with 18'x185' CMP

386+00 ~~Repld.~~ Road Approach Rt.

386+00 ~~Repld.~~ Mail Box Lt.

386+90 ~~Remove~~ 24" CMP & Headwall, ~~Repld.~~ 36"x66" Cross Culvert with End Section Under E.B. Lane, 36"x66" Cross Culvert with End Section Under WB Lane & Median Inlet (Type A) (H=5') with Concrete Slope and Ditch Paving & Inlet Basin  
D.A. = 40 acres, K=40

24"x52" CMP Drainage for Cemetery

Repld. Tele Cable

Poudre Valley R.E.A.

SW 1/4 Sec. 13  
T.5N., R.66W.

NW 1/4 Sec. 24  
T.5N., R.66W.

B.M. 4033.32  
Spoke in P.P. Rt. 390x35

B.M. 4038.54  
Spoke in P.P. Rt. 390x35

396+14 ~~Remove~~ 12" RCP with Division Boxes Lt. & Portion of Concrete Lined Ditch Rt., ~~Repld.~~ 18"x210" Cross Culvert with End Section Lt., Division Box & Concrete Lined Ditch Rt. (See Detail Sht #7)

396+00 ~~Repld.~~ Road Approach Lt. & Rt.

12" Conc. Cross Drain  
115 K.V.  
396+42.9

Public Service Co. of Colorado

B.M. 4047.12  
Spoke in P.P. Rt. 390x60

SE 1/4 Sec. 14  
T.5N., R.66W.

397+00 ~~Repld.~~ Identification Sign Lt. (State Forces)

NE 1/4 Sec. 23  
T.5N., R.66W.

| FED. ROAD DIST. PROJ. NO. | SHEET NO.         | TOTAL SHEETS |
|---------------------------|-------------------|--------------|
| 9                         | COLO. F 007-1(12) | 13           |

UNCL. EXCAV.  
END A 130  
STA. 396+50  
TO IN. CHAUL  
BORROW  
DORROW DANCE