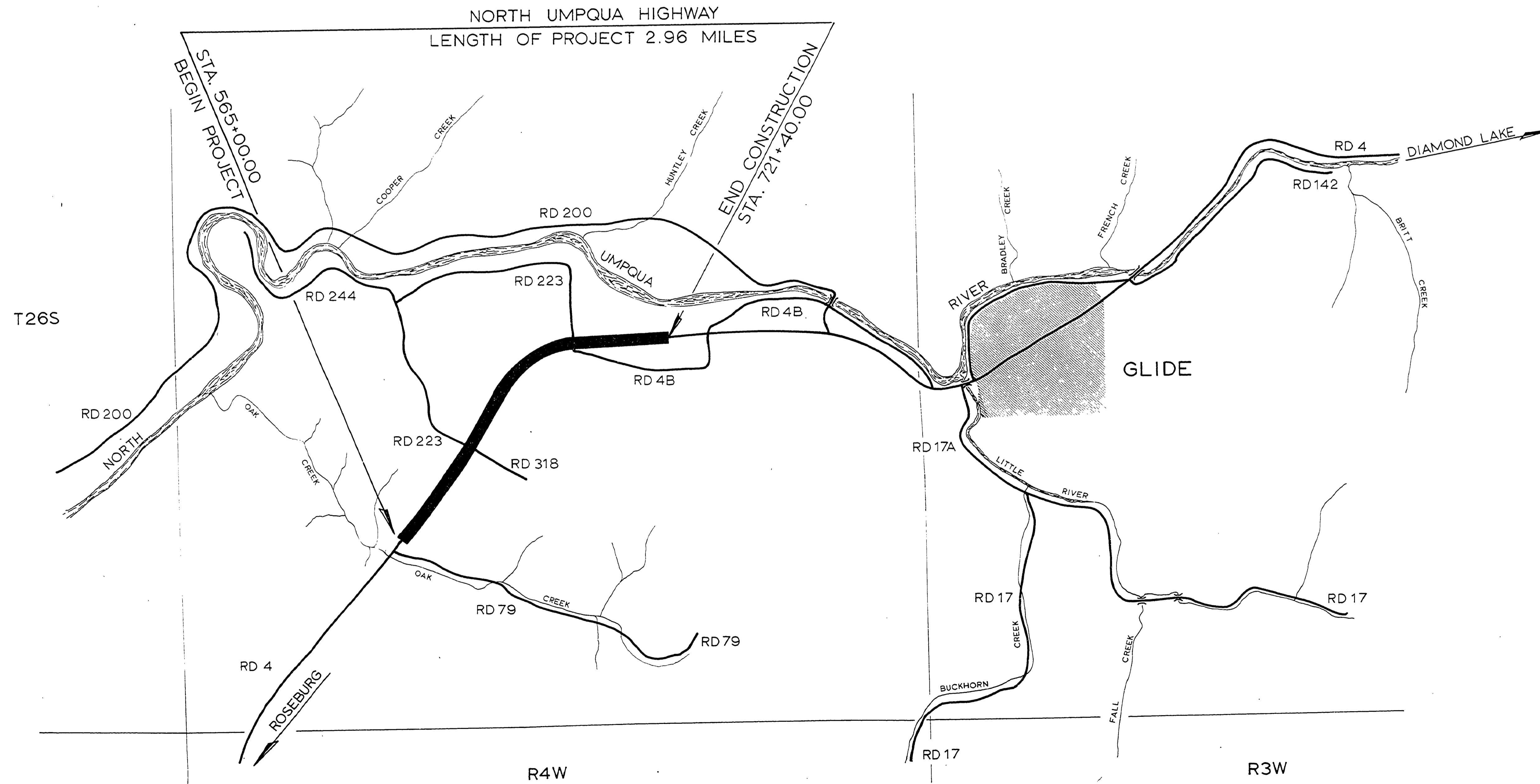
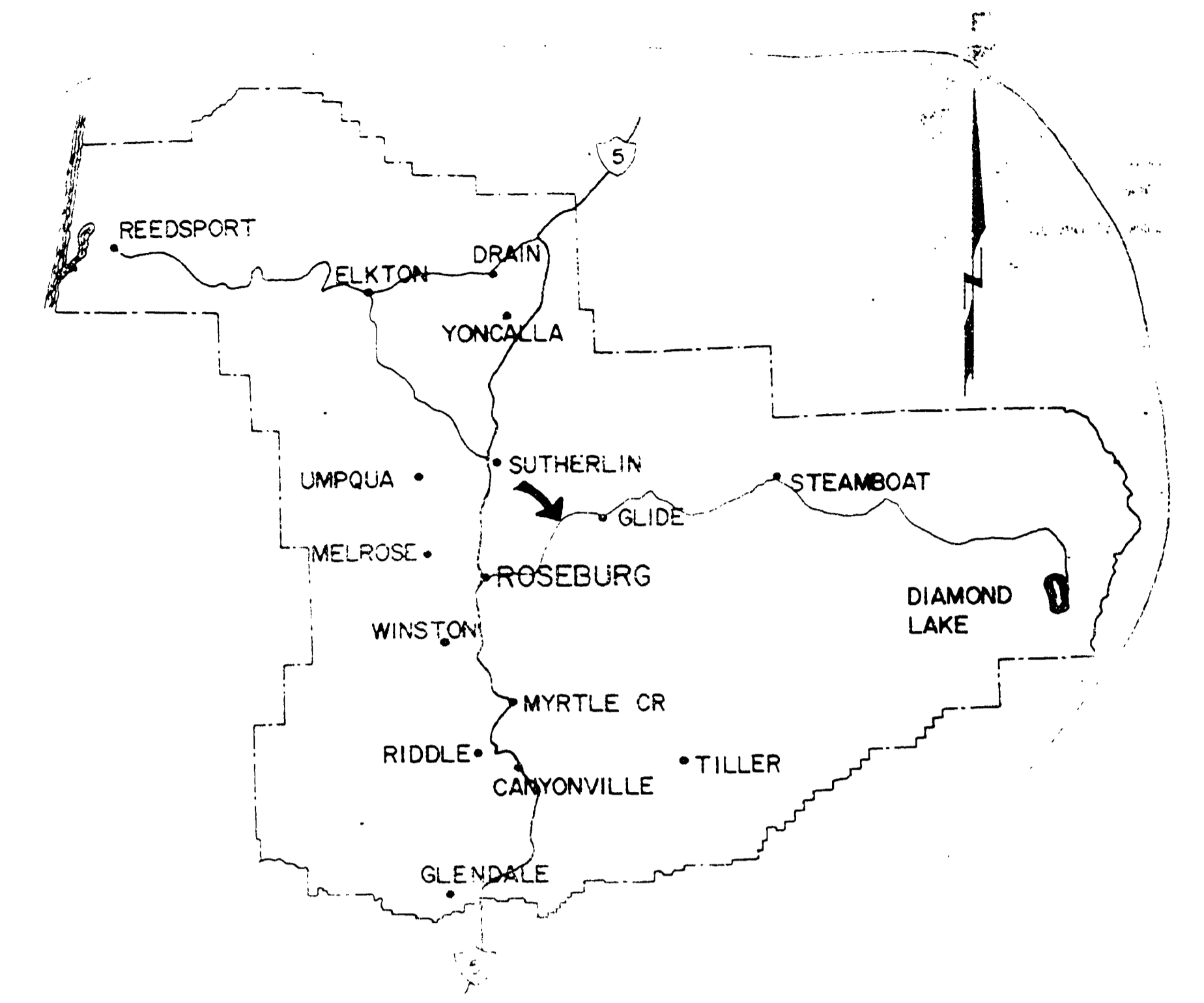


DOUGLAS COUNTY, OREGON  
 PLANS FOR PROPOSED PROJECT  
 GRADING & SURFACING  
**NORTH UMPQUA HIGHWAY**  
**COUNTY ROAD NO. 4**  
 MILE POINT 10.67 TO MILE POINT 13.63



**INDEX OF DRAWINGS**

| SHEET NUMBER | TITLE                           |
|--------------|---------------------------------|
| 1            | TITLE SHEET                     |
| 2            | QUANTITY SUMMARY & ROAD TYPICAL |
| 3 & 4        | TYPICAL SECTIONS                |
| 5 & 6        | INTERSECTION PLANS              |
| 7 THRU 12    | ROAD PLANS                      |

STANDARD DRAWINGS  
 1,5,9,13&14

TOTAL OF 17 SHEETS

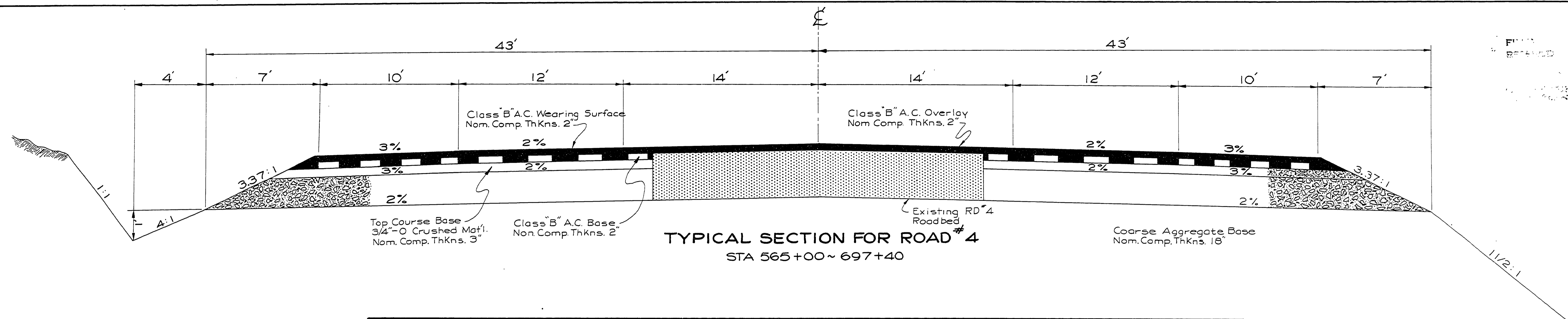


NOT REVISED  
 AS CONSTRUCTED  
 DOUGLAS COUNTY ROAD DEPT.  
**NORTH UMPQUA HIGHWAY RD.#4**  
 1972 SHT 1  
 GEORGE E. GRUBB COUNTY ENG.

1070136C

RD.# 4 1972 SHT 1 of 12





TYPICAL SECTION FOR ROAD #4  
STA 565+00 ~ 697+40

| QUANTITY SUMMARY |                                   |          |           |       |
|------------------|-----------------------------------|----------|-----------|-------|
| ITEM             | UNIT                              | QUANTITY | ALLOWANCE | TOTAL |
| 1                | CLEARING & GRUBBING               | L-SUM    | ALL       | ALL   |
| 2                | DITCH EXCAVATION                  | CU YD    | 1297      | 133   |
| 3                | GENERAL EXCAVATION (UNCLASSIFIED) | CU YD    | 93,080    | 9310  |
| 4                | OVERHAUL                          | C-YD STA | 4,021     | 409   |
| 5                | FINISHING ROADBED & SLOPES        | L-SUM    | ALL       | ALL   |
| 6                | TRENCH EXCAVATION (UNCLASSIFIED)  | CU YD    | 1190      | 120   |
| 7                | WATERING                          | M-GAL    | 2909      | 291   |
| 8                | COARSE AGGREGATE BASE             | TON      | 90,191    | 9019  |
| 9                | 3/4" O AGGREGATE BASE             | TON      | 14,422    | 1,448 |
| 10               | 3/4" O AGGREGATE IN PRIME COAT    | CU YD    | 1,588     | 162   |
| 11               | RC 250 IN PRIME COAT              | TON      | 163       | 17    |
| 12               | RSI IN TACK COAT                  | TON      | 16        | 2     |
| 13               | CLASS "B" ASPHALTIC CONCRETE      | TON      | 24,236    | 2464  |
| 14               | 18" CONCRETE CULVERT PIPE         | LIN. FT. | 192       | 20    |
| 15               | 24" CONCRETE CULVERT PIPE         | LIN. FT. | 172       | 16    |
| 16               | 36" CONCRETE CULVERT PIPE         | LIN. FT. | 156       | 12    |
| 17               | 12" CULVERT PIPE                  | LIN. FT. | 918       | 92    |
| 18               | 18" CULVERT PIPE                  | LIN. FT. | 1162      | 118   |
| 19               | 24" CULVERT PIPE                  | LIN. FT. | 180       | 20    |
| 20               | 72" x 44" H.E. C.M.P.             | LIN. FT. | 106       | 10    |
| 21               | EXTRA FOR PIPE UNDER PAVEMENT     | LIN. FT. | 286       | 34    |
| 22               | 6" PERE DRAIN PIPE                | LIN. FT. | 270       | 30    |
| 23               | SPECIAL BACKFILL IN DRAINS        | CU YD    | 30        | 3     |
| 24               | EXTRA FOR AC APPROACHES           | EACH     | 47        | 3     |
| 25               | GUIDE POSTS TYPE W-1              | EACH     | 102       | 10    |
| 26               | GUIDE POSTS TYPE Y-1              | EACH     | 58        | 6     |
| 27               | GUARD RAIL                        | LIN. FT. | 3,775     | 375   |
| 28               | TYPE 2 BARRICADE                  | LIN. FT. | 200       | 20    |
| 29               | LOOSE RIP RAP CLASS 100           | CU YD    | 74        | 6     |
| 30               | MAIL BOX STAND (SINGLE)           | EACH     | 13        | 1     |
| 31               | MAIL BOX STAND (MULTIPLE)         | EACH     | 12        | 1     |
| 32               | ROLLER HOURS                      | HOUR     | 557       | 53    |

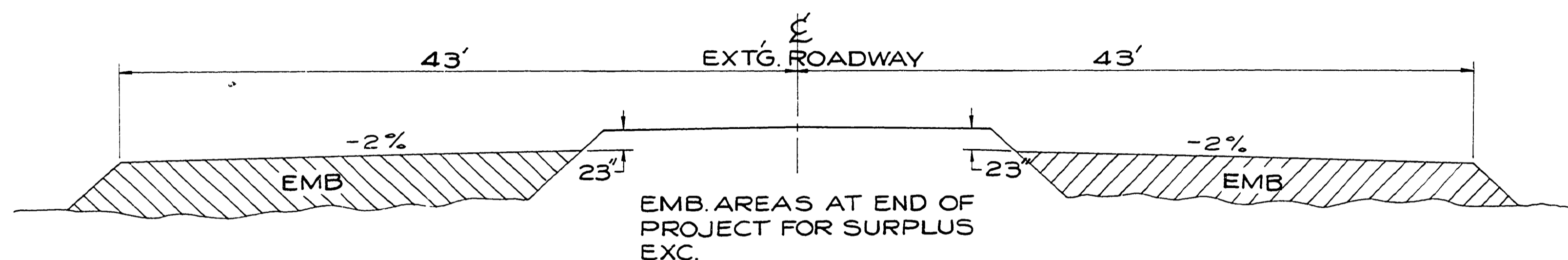
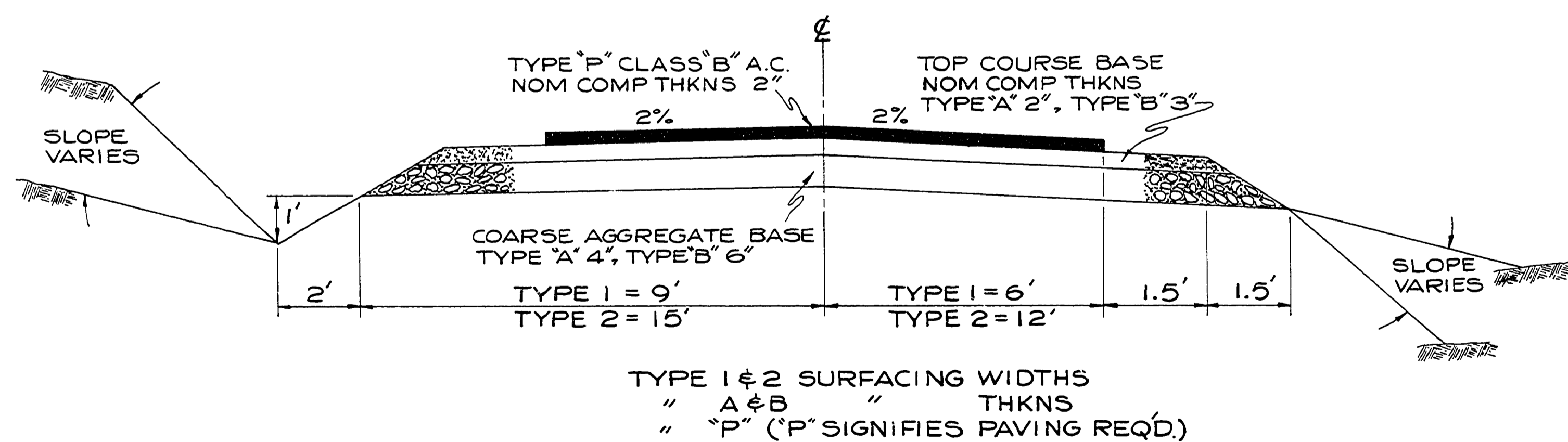
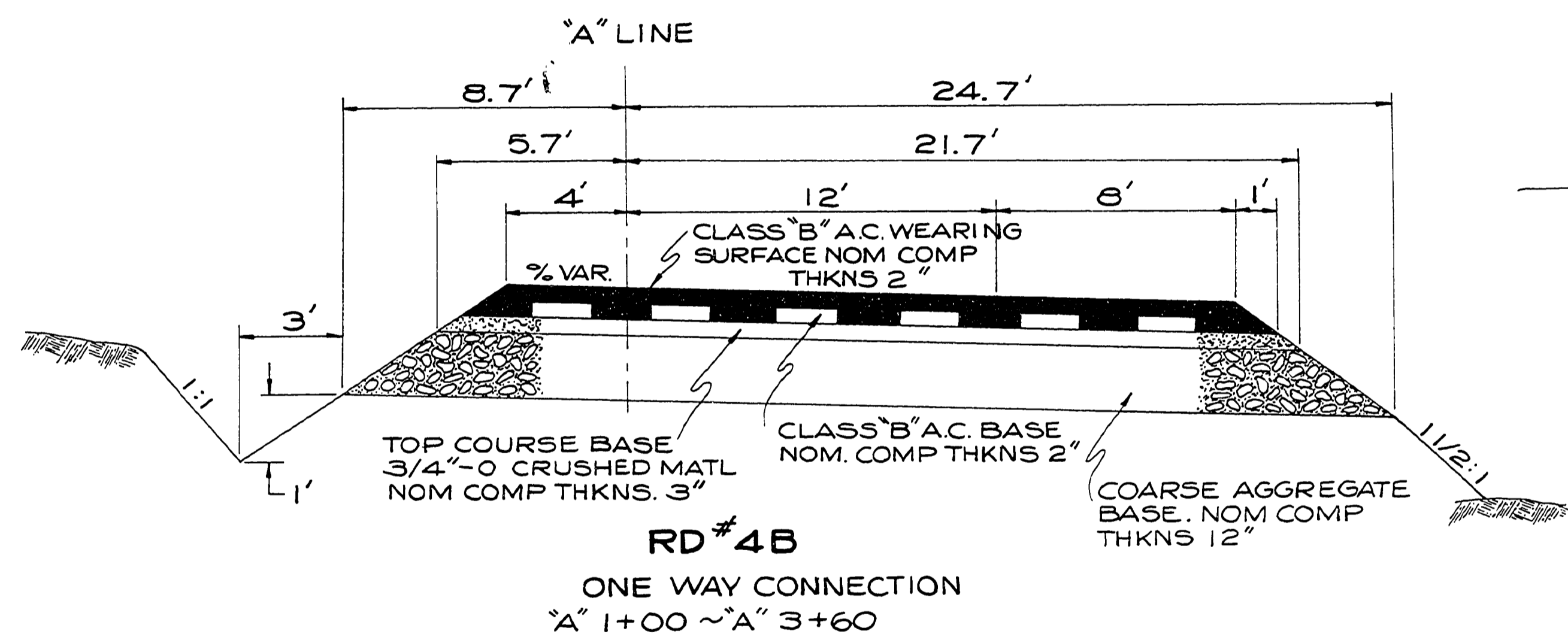
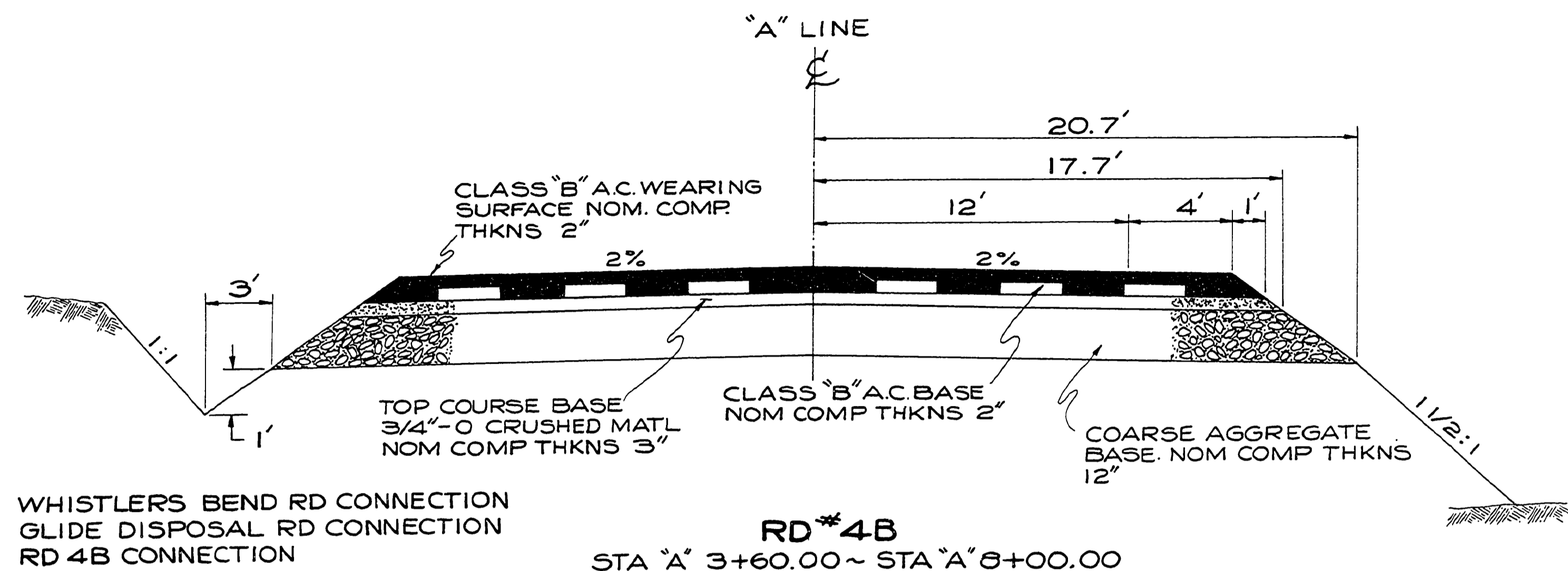
NOT REVISED  
AS CONSTRUCTED

DOUGLAS COUNTY ROAD DEPT  
NORTH UMPQUA HWY RD #4  
1972 SHT 2  
GEORGE E. GRUBB COUNTY ENGR.

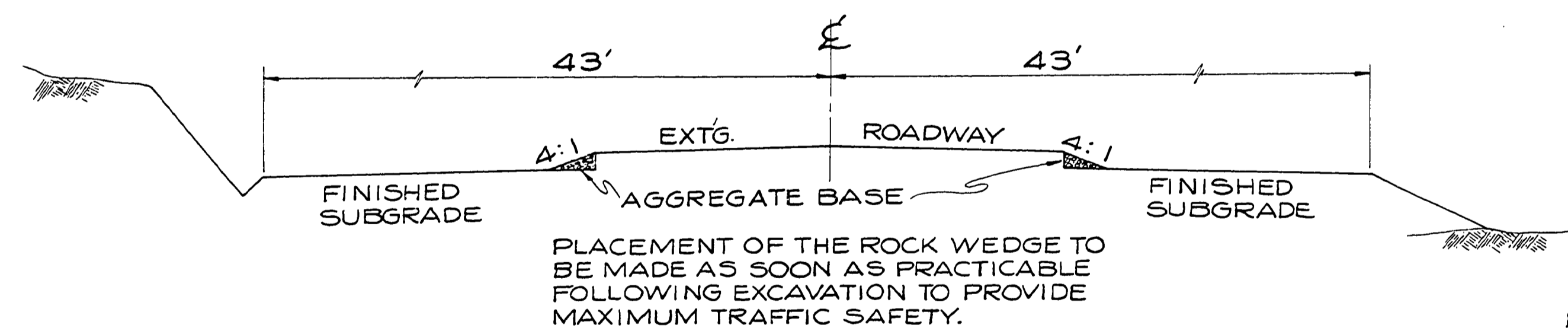
0000QUAN

# TYPICAL SECTIONS

FILED  
RECEIVED  
COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.



STA 697+40 ~ STA 701+50  
" 711+50 ~ " 721+40  
ADDITIONAL 960' STA 721+40  
TO STA 731+00 AVAILABLE  
IF REQD.  
DO NOT PLACE SURPLUS MATL. UNTIL  
QUAN. OF SURPLUS MATL. IS POSITIVELY  
KNOWN.



PHASE 1 CONST  
(SEE SPECIFICATIONS)

NOTE: GRAVEL SURFACE ALL DRIVEWAYS  
& ROADWAY SUBGRADE INTO DRIVE-  
WAYS, PHASE 1 CONST.

NOT REVISED  
AS CONSTRUCTED

DOUGLAS COUNTY ROAD DEPT  
NORTH UMPQUA HWY RD #4  
1972 SHT 3  
GEORGE E. GRUBB COUNTY ENGR.

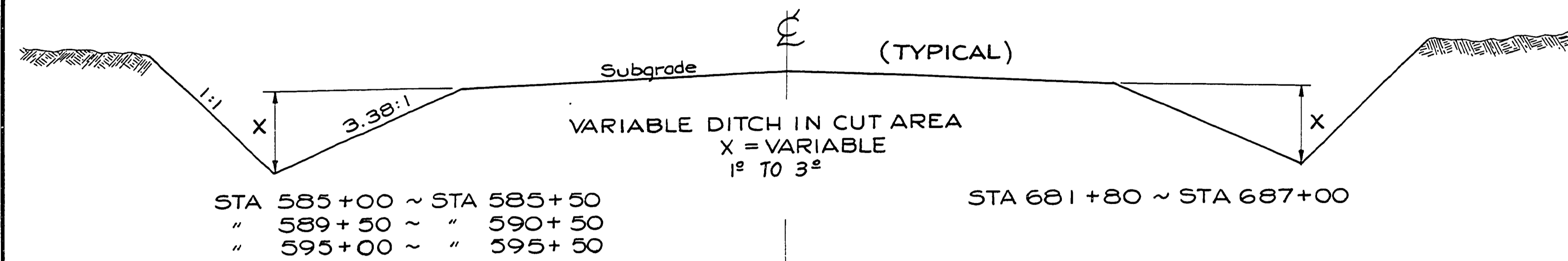
0000TYP

Rd. #4

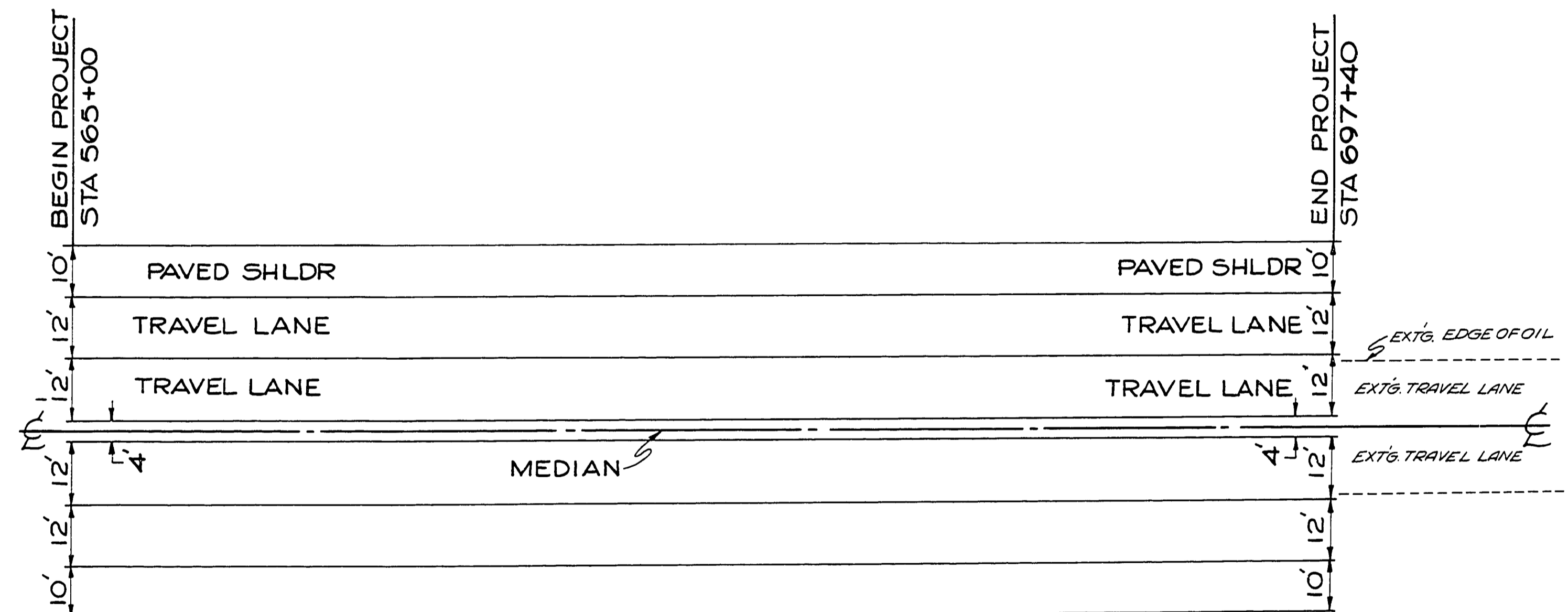
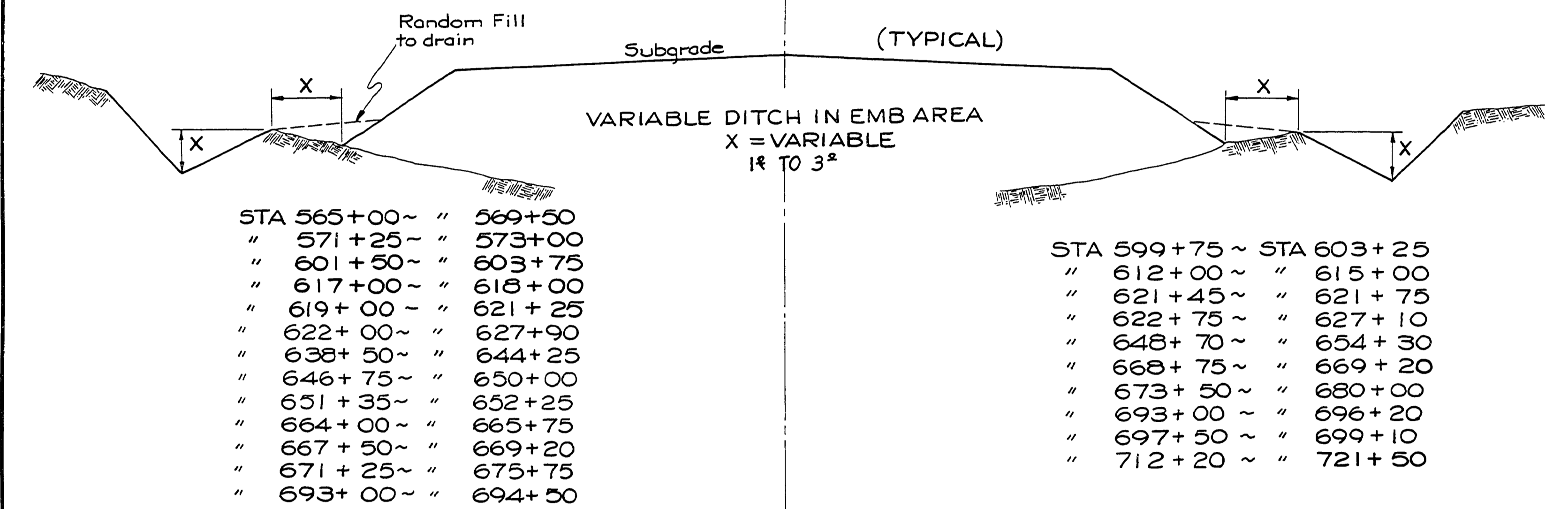
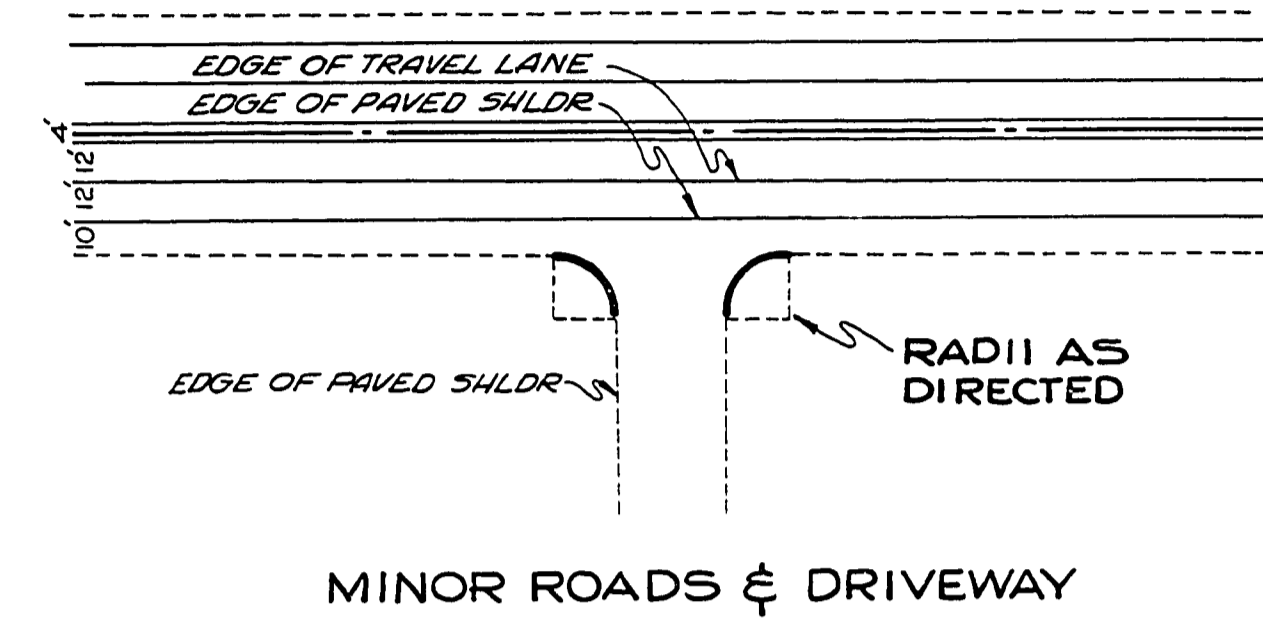
1972 3/12

73

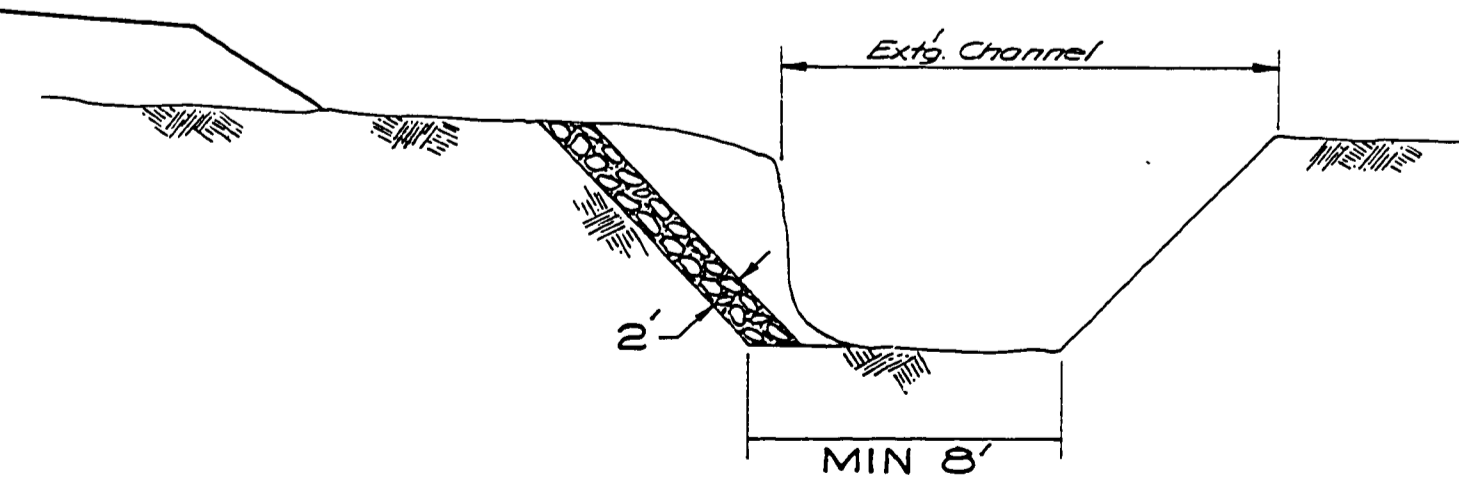
TYPICAL SECTION



RADIUS PLAN



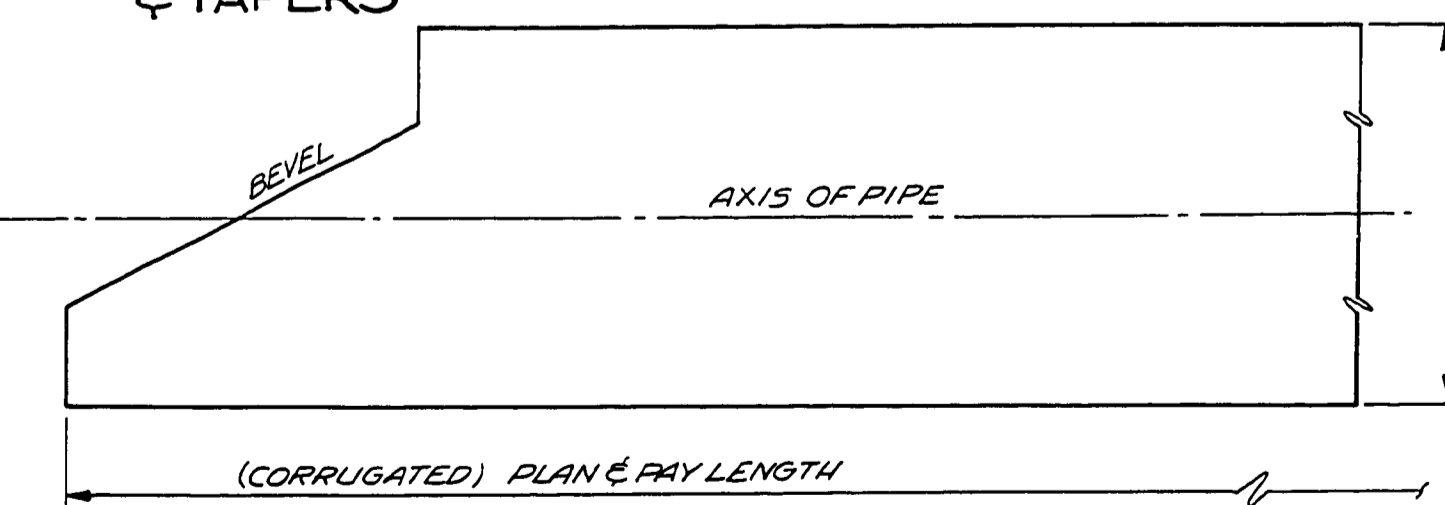
PLACEMENT OF LOOSE RIPRAP CLASS 100



STA 573+25 ~ STA 574+50

RD # 4 LANE WIDTHS

SEE INTERSECTION PLANS FOR LEFT TURN LANES & TAPERS



LONGITUDINAL SECTION

C.M.P. PLAN & PAY LENGTH

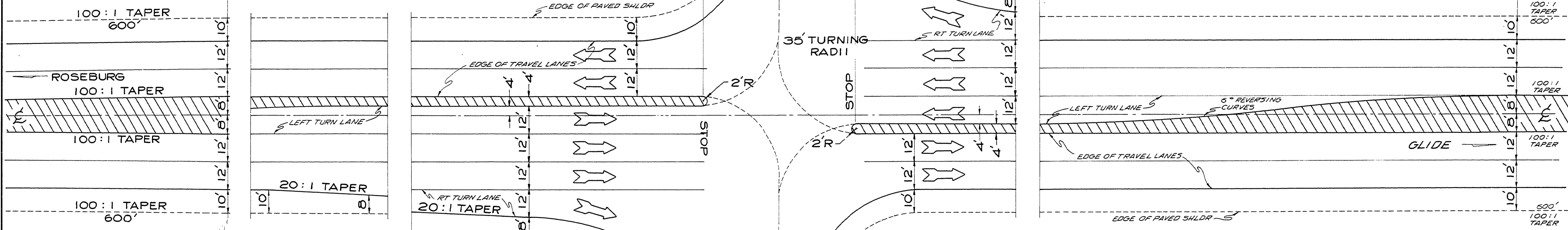
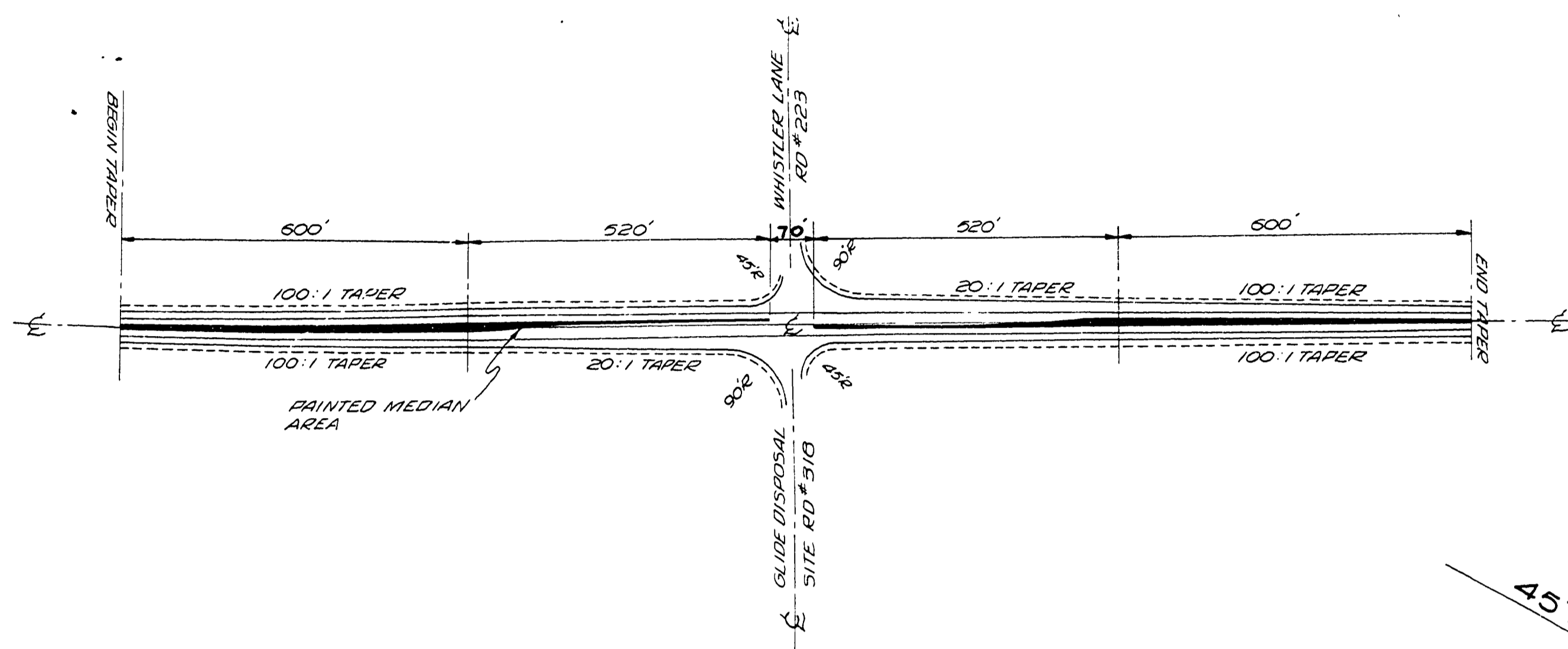
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DOUGLAS COUNTY ROAD DEPT  
NORTH UMPQUA HWY RD #4  
1972 SHT 4  
GEORGE E. GRUBB COUNTY ENGR.

0000WIDT

Rd. # 4

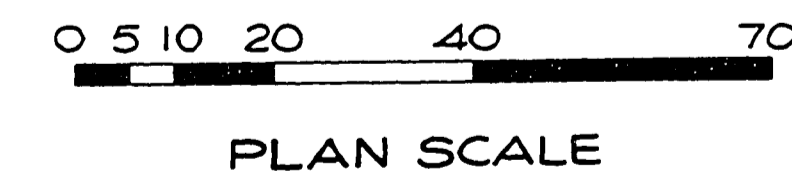
1972 Jan 12



**INTERSECTION PLAN**

STA 618+50  
 NORTH UMPQUA HWY RD #4 WITH THE  
 FOLLOWING ROADS  
 WHISTLERS LANE RD #223  
 GLIDE DISPOSAL SITE RD #318

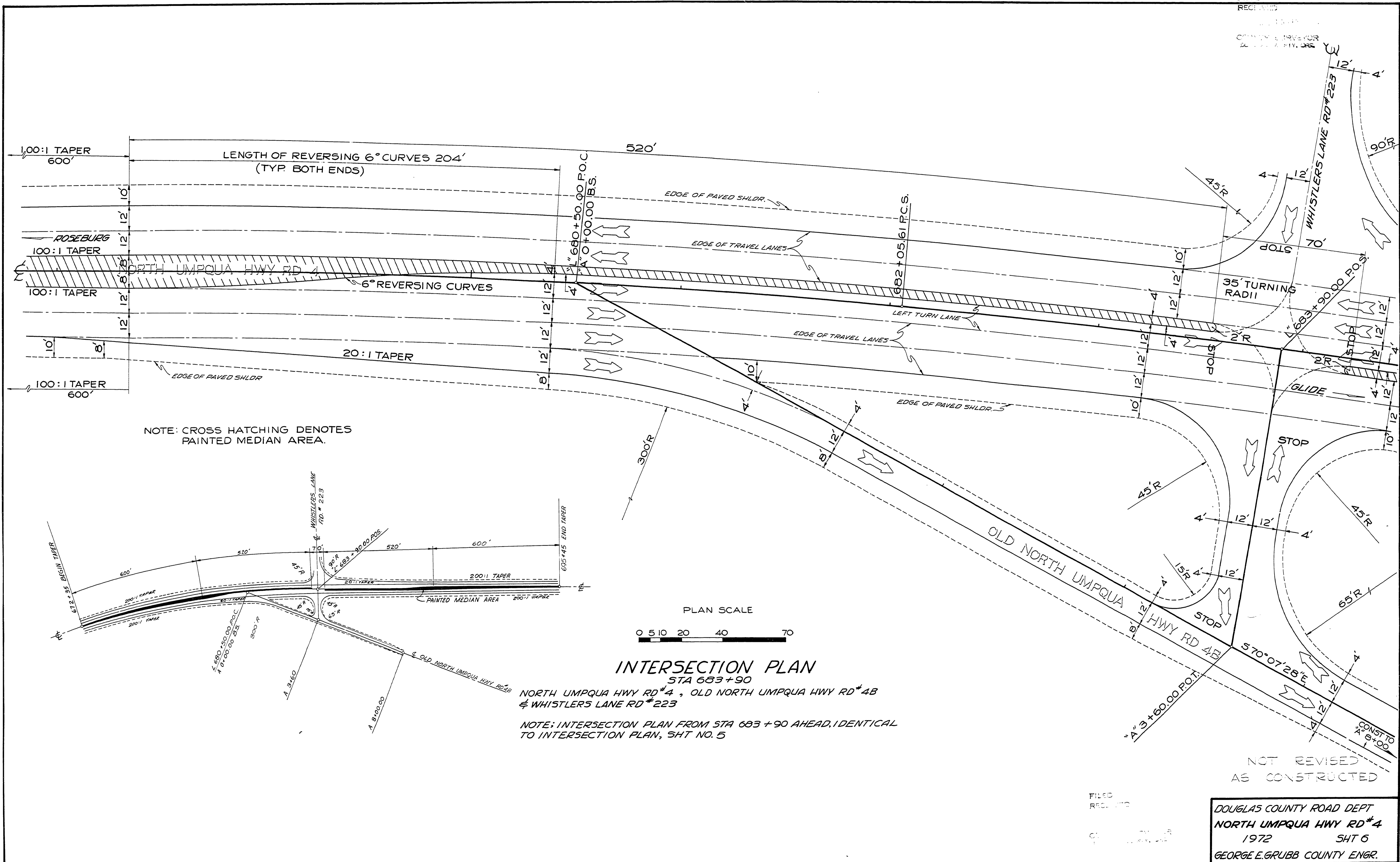
NOTE: CROSS HATCHING DENOTES  
 PAINTED MEDIAN AREA



NOT REVISED  
 AS CONSTRUCTED

DOUGLAS COUNTY ROAD DEPT.  
 NORTH UMPQUA HWY RD #4  
 1972 SHT 5  
 GEORGE E. GRUBB COUNTY ENGR.

00001TR



NOTE: CROSS HATCHING DENOTES PAINTED MEDIAN AREA.

PLAN SCALE  
0 5 10 20 40 70

**INTERSECTION PLAN**  
STA 683+90

NORTH UMPQUA HWY RD #4, OLD NORTH UMPQUA HWY RD #4B  
& WHISTLERS LANE RD #223

NOTE: INTERSECTION PLAN FROM STA 683+90 AHEAD, IDENTICAL TO INTERSECTION PLAN, SHT NO. 5

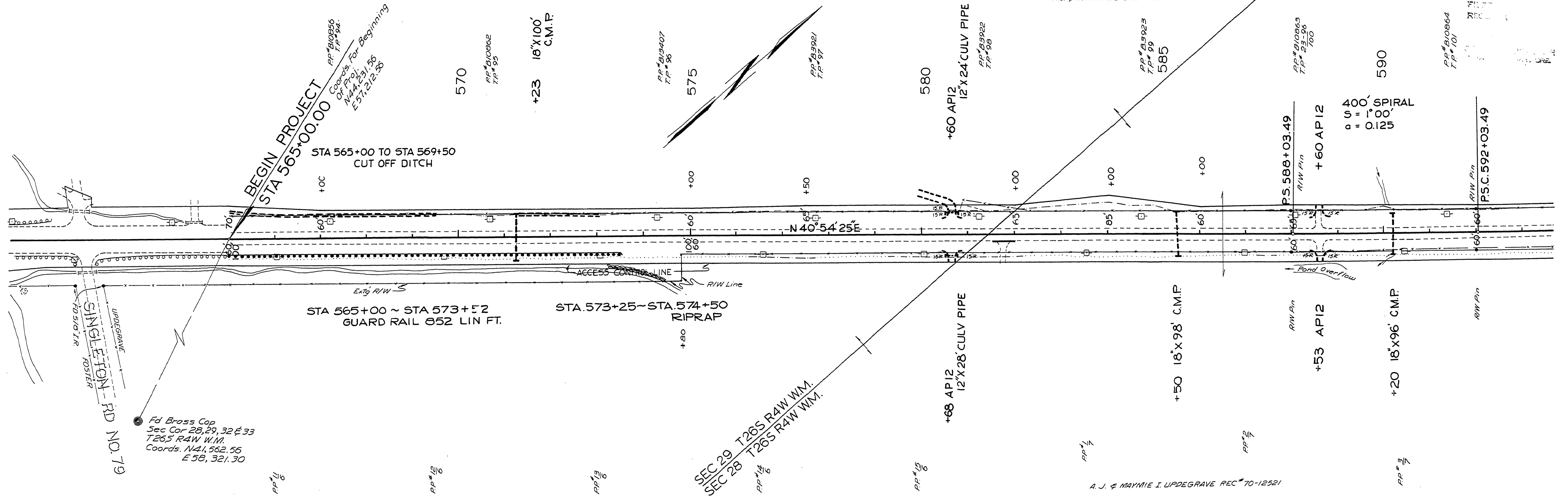
NOT REVISED  
AS CONSTRUCTED

DOUGLAS COUNTY ROAD DEPT  
NORTH UMPQUA HWY RD #4  
1972 SHT 6  
GEORGE E. GRUBB COUNTY ENGR.

INTERSECT

SEC 28,29 T26S R4W W.M.

RD 4



SINGLETON RD NO. 79  
UPDEGRAVE  
FOSTER

Fd Brass Cap  
Sec Cor 28, 29, 32 & 33  
T26S R4W W.M.  
Coords: N41, 562.55  
E 58, 321.30

STA 565+00 ~ STA 573+52  
GUARD RAIL 852 LIN FT.

STA 573+25 ~ STA 574+50  
RIPRAP

SEC 29 T26S RAW WM.  
SEC 28 T26S RAW WM.

A. J. & MAYNIE I. UPDEGRAVE REC # 70-12521

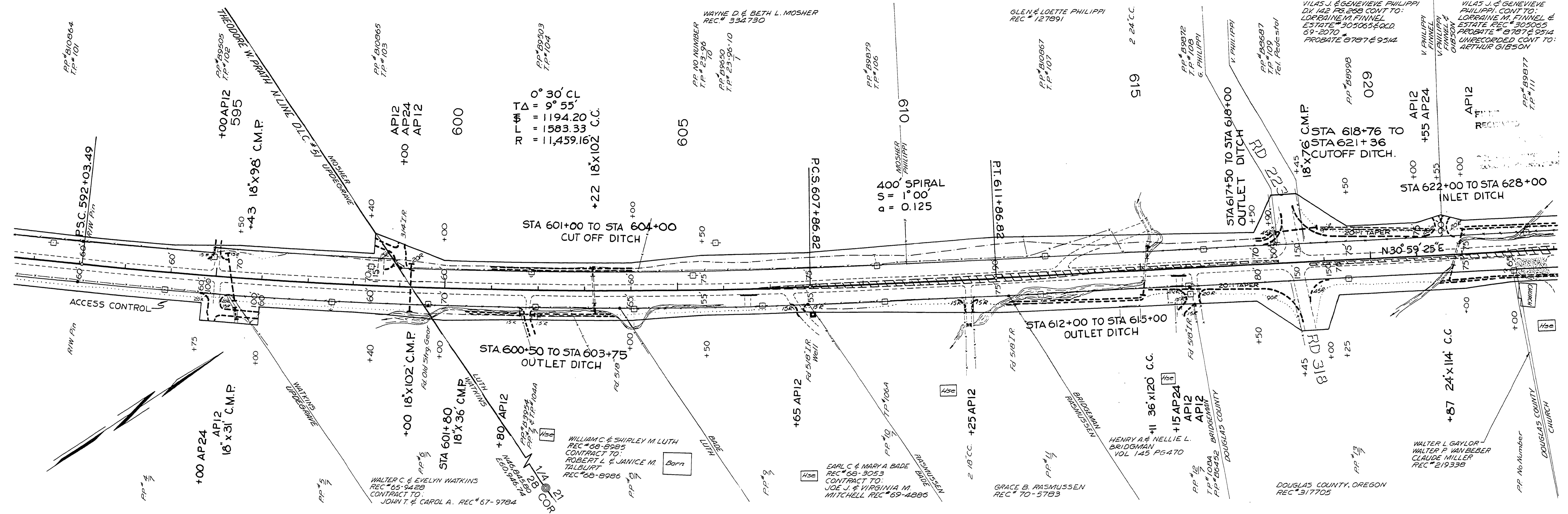
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REVISED AS BUILT PH  
DOUGLAS COUNTY ROAD DEPT  
NORTH UMPQUA HWY RD # 4  
1972 SHT 7  
GEORGE E. GRUBB COUNTY ENGR.

10861139

MP11

SEC 21,28 T26S R4W W.M.

RD 4



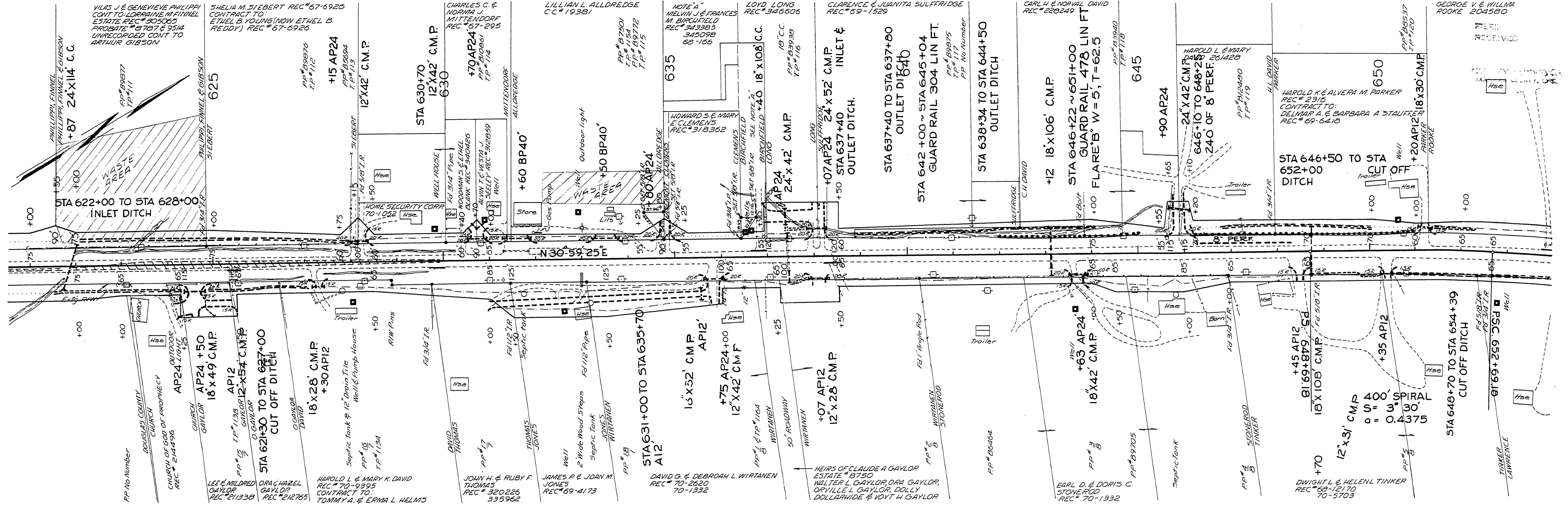
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 DOUGLAS COUNTY ROAD DEPT  
 NORTH UMPQUA HWY RD #4  
 1972 SHT B  
 GEORGE E. GRUBB COUNTY ENGR.

11391198

SEC 21 T26S R4W W.M.

MP12

RD 4



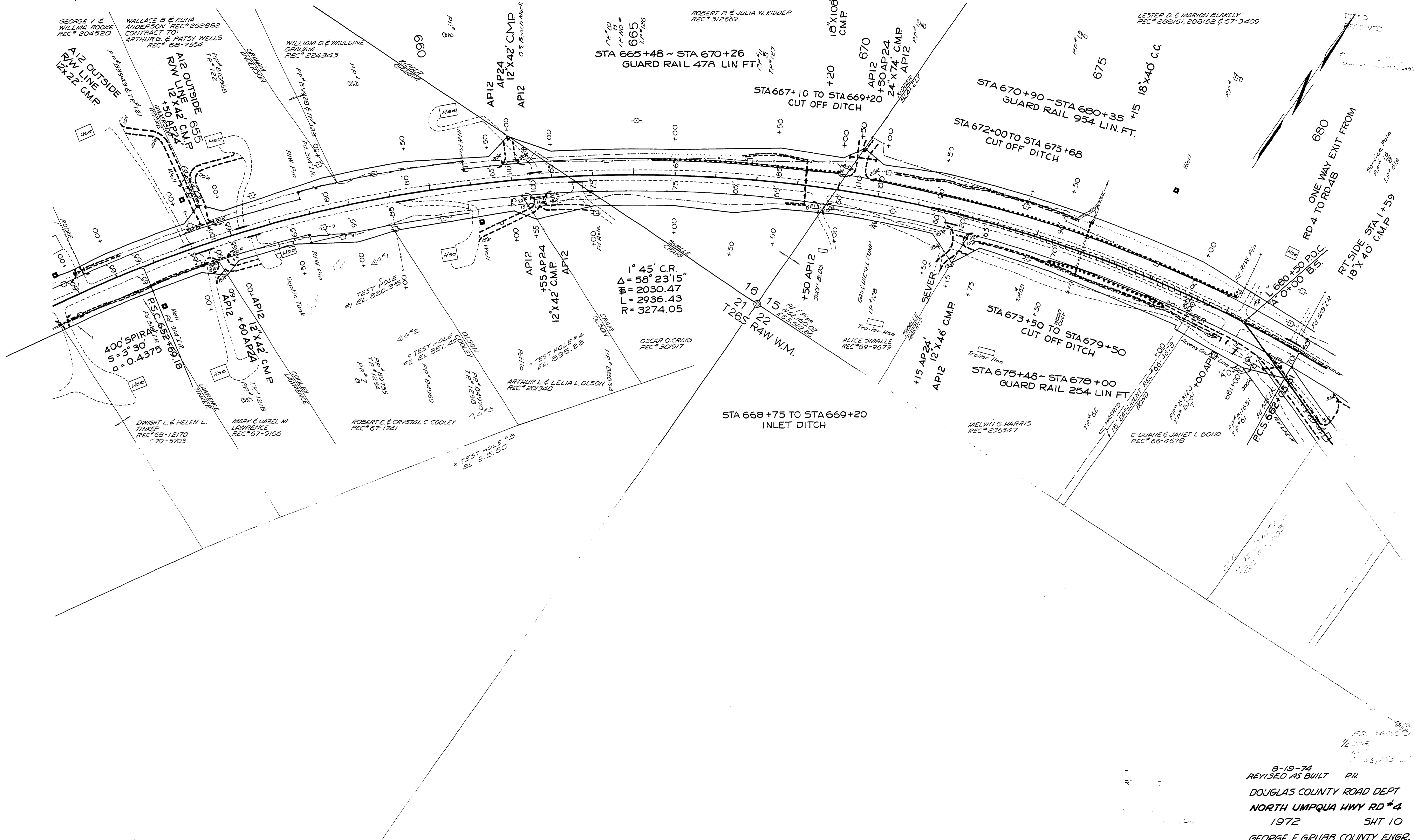
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 DOUGLAS COUNTY ROAD DEPT  
 NORTH UMPQUA HWY RD # 4  
 1972 SHT 9  
 GEORGE E. GRUBB COUNTY ENGR.

11981253

P. 11/4

SEC 15,16,21,22 T26S R4W W.M.

RD 4



1° 45' C.R.  
 $\Delta = 58^{\circ} 23' 15''$   
 $\# = 2030.47$   
 $\Gamma = 2936.43$   
 $R = 3274.05$

8-19-74  
 REVISED AS BUILT PH  
 DOUGLAS COUNTY ROAD DEPT  
 NORTH UMPQUA HWY RD #4  
 1972 SHT 10  
 GEORGE E. GRUBB COUNTY ENGR.

12531308

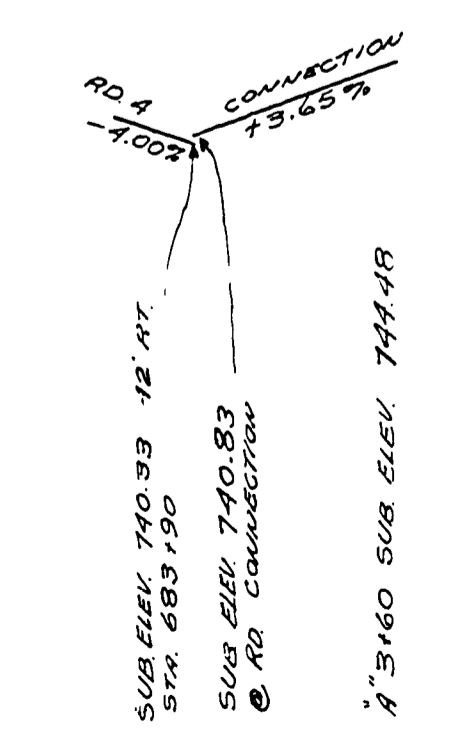
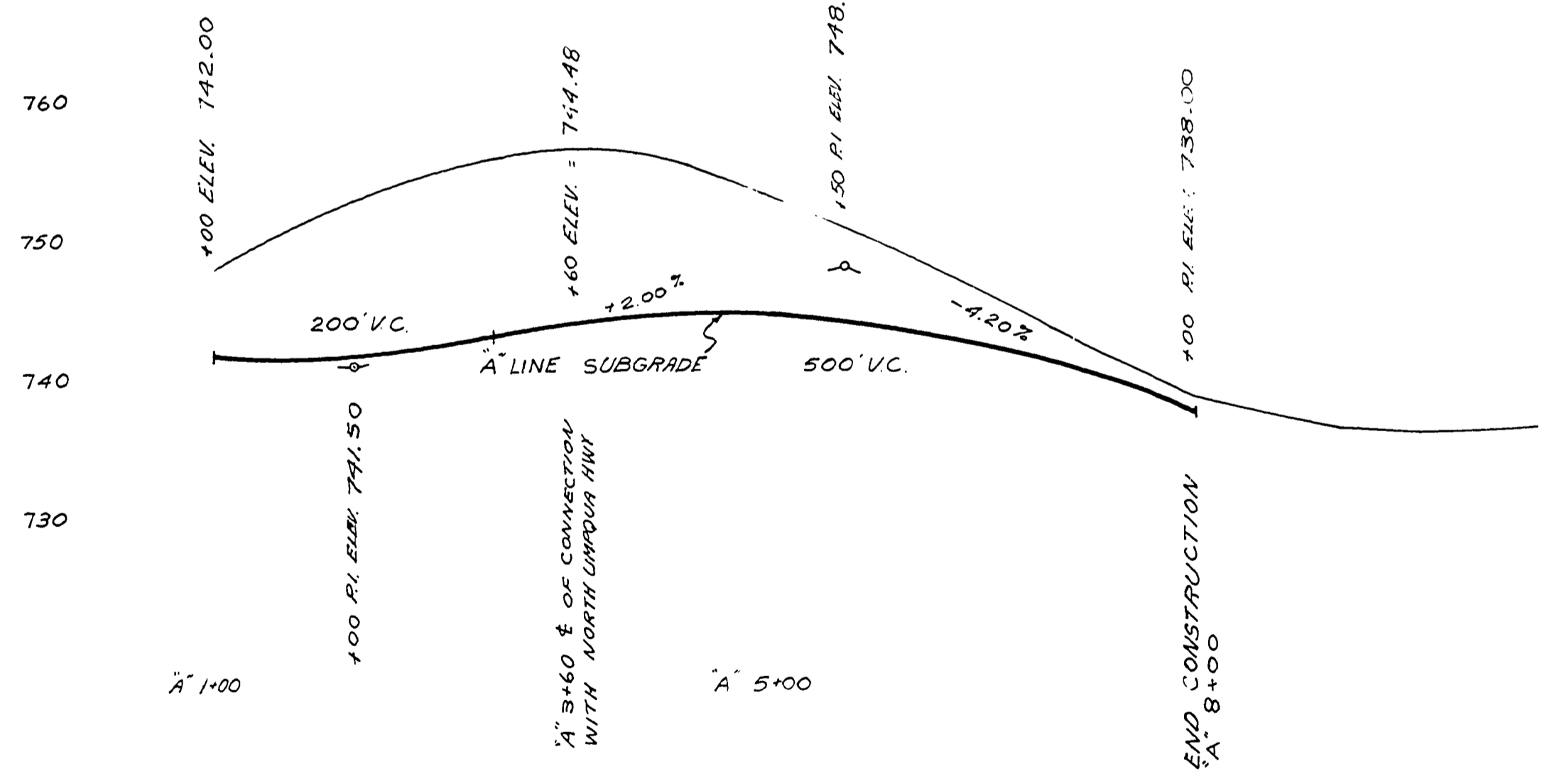
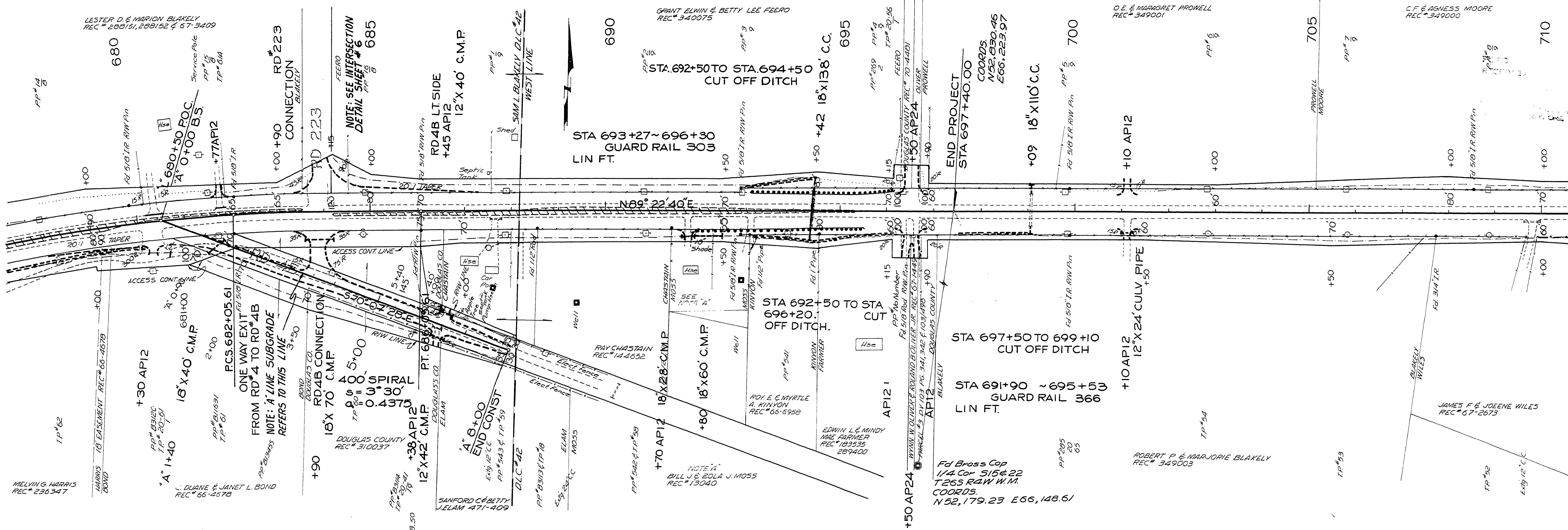
R1 #4

20

SEC 15 T26S R4W W.M.

RD 4

MP13

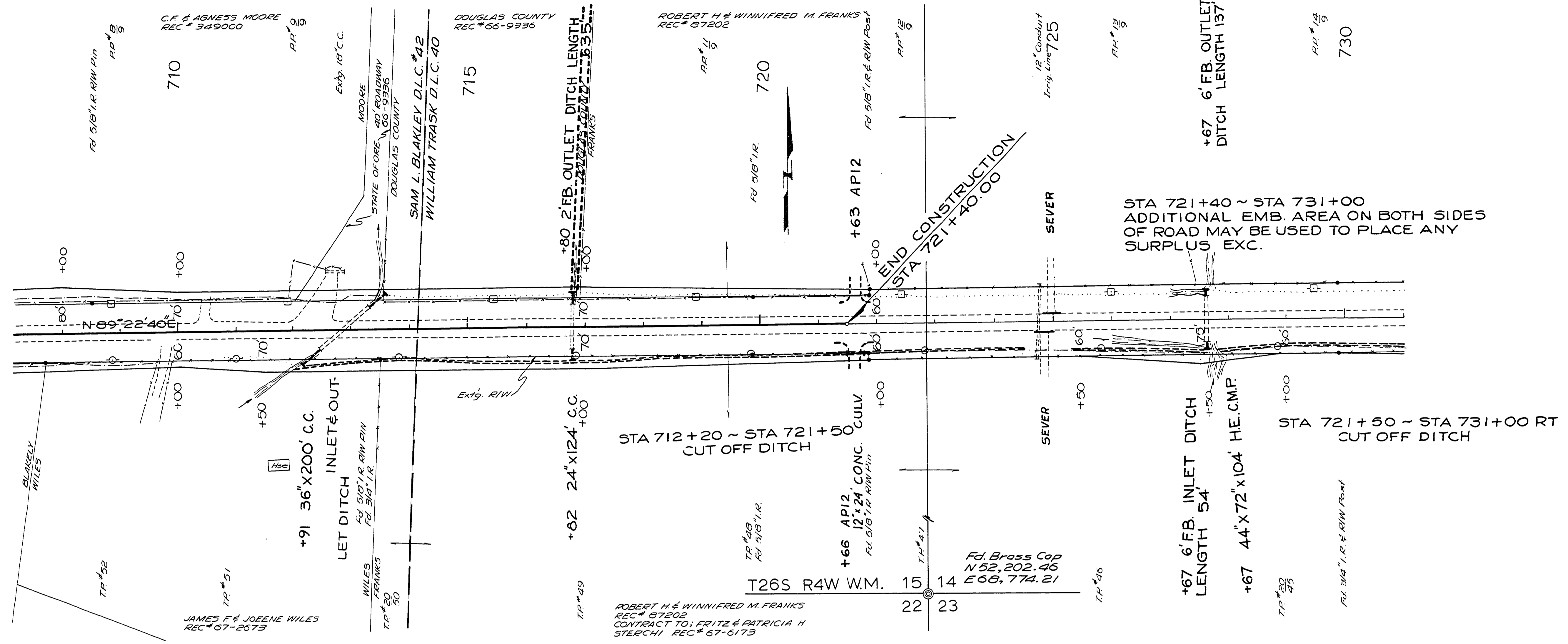


8-19-74  
 REVISED AS BUILT TO STA. 697+40 P.H.  
 DOUGLAS COUNTY ROAD DEPT  
 NORTH UMPQUA HWY RD # 4  
 1972 SHT 11  
 GEORGE E. GRUBB COUNTY ENGR.

13081361

SEC 14,15 T26S R4W W.M.

RD 4



NOT REVISED AS CONSTRUCTED

DOUGLAS COUNTY ROAD DEPT. N. UMPQUA HWY RD. NO. 4 1972 SHT 12 GEORGE E. GRUBB COUNTY ENG. 13611399

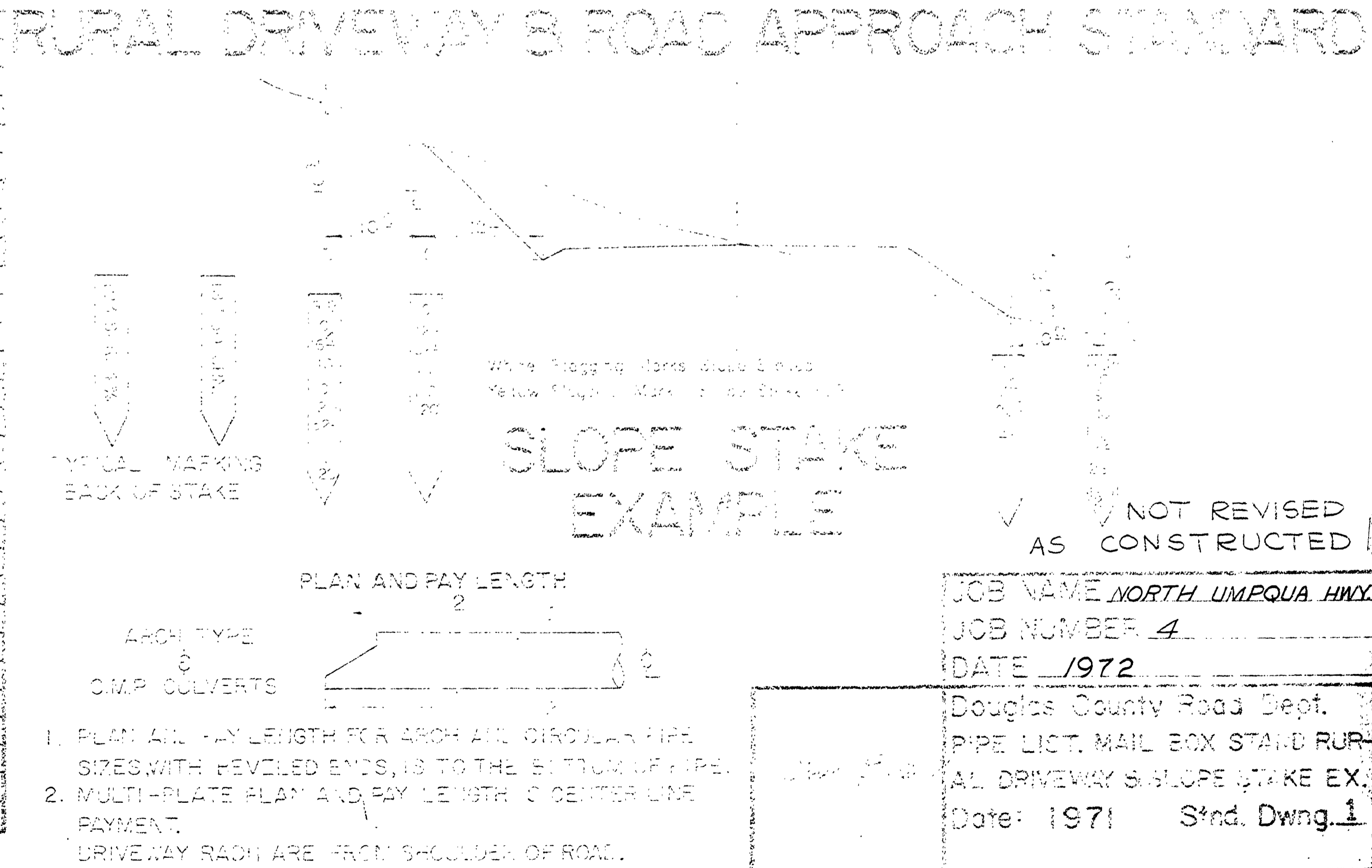
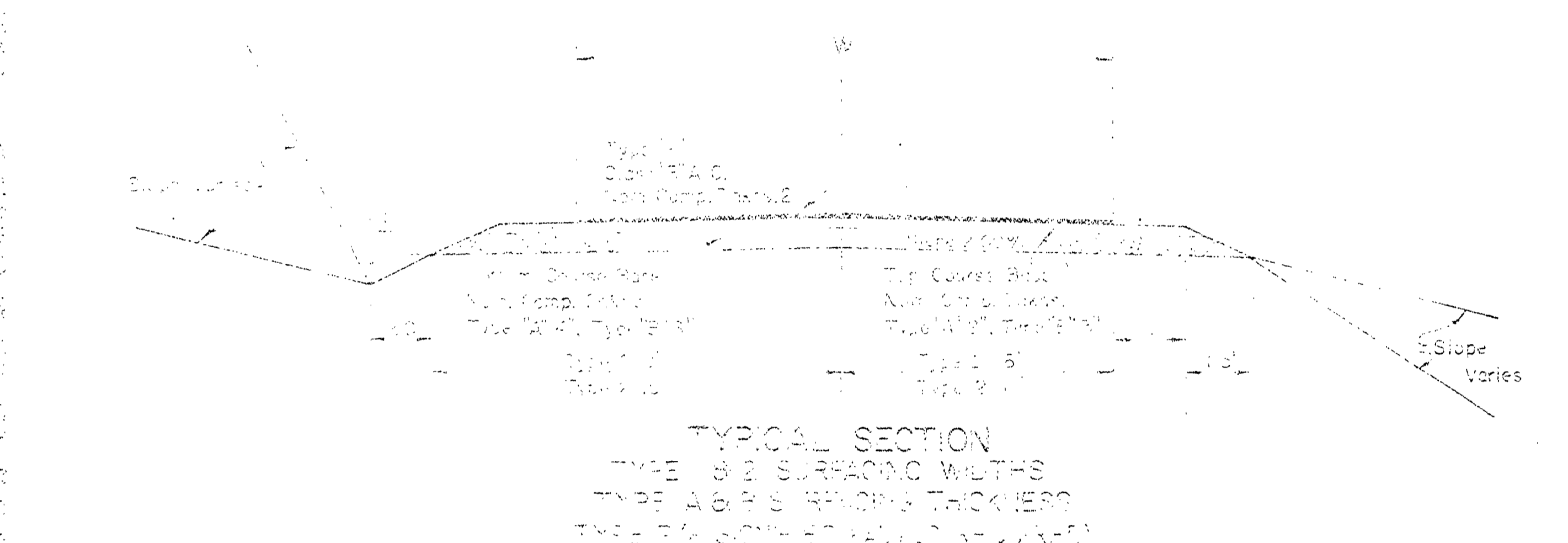
# PIPE LIST, MAIL BOX STAND, DRIVEWAY TYPICALS & SLOPE STAKE EXAMPLE

## PIPE LIST

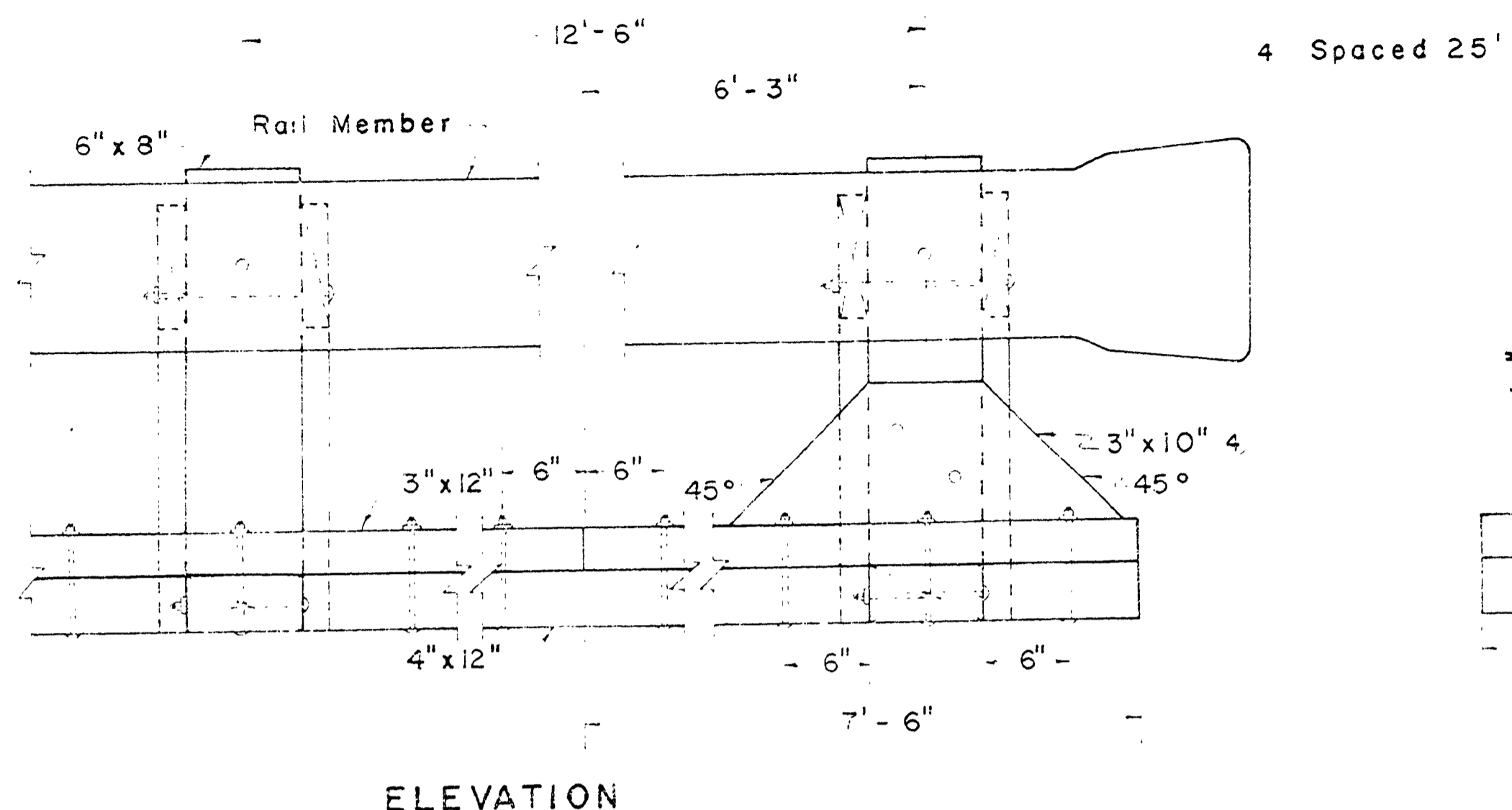
| STATION                 | DIAMETER | LENGTH                        | MATERIALS                     |                               |                               | TRENCH EXC. CU. YDS.          | REMARKS                       |
|-------------------------|----------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                         |          |                               | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE |                               |                               |
| NOTES                   | FEET     | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE | ALUMINUM GALV. STEEL CONCRETE |
| 571+24                  | 18       | 100                           | 16 16                         | ✓                             | ✓                             | 51                            |                               |
| 580+65                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW LT.                       |
| 580+65                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 585+00                  | 18       | 104                           | 16 16                         | ✓                             | ✓                             | 47                            |                               |
| 590+15                  | 18       | 100                           | 16 16                         | ✓                             | ✓                             | 41                            |                               |
| 595+35                  | 18       | 104                           | 16 16                         | ✓                             | ✓                             | 46                            |                               |
| 595+50                  | 18       | 24                            | 16 16                         | ✓                             | ✓                             | 7                             | DIW RT.                       |
| 599+25                  | 18       | 106                           | 16 16                         | ✓                             | ✓                             | 54                            |                               |
| 601+80                  | 18       | 36                            | 16 16                         | ✓                             | ✓                             | 10                            | DIW RT.                       |
| 603+20                  | 18       | 44                            |                               |                               |                               | 14                            |                               |
| 615+10                  | 36       | 60                            |                               |                               |                               | 36                            |                               |
| 618+35                  | 18       | 90                            | 16 16                         | ✓                             | ✓                             | 35                            | RD. 223 LT.                   |
| 621+90                  | 24       | 72                            |                               |                               |                               | 28                            |                               |
| 624+60                  | 12       | 48                            | 16 16                         | ✓                             | ✓                             | 9                             | DIW RT.                       |
| 627+30                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 628+15                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW LT.                       |
| 630+70                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW LT.                       |
| 631+60                  | 12       | 60                            | 16 16                         | ✓                             | ✓                             | 11                            | DIW LT.                       |
| 633+50                  | 12       | 60                            | 16 16                         | ✓                             | ✓                             | 11                            | DIW LT.                       |
| 635+50                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 635+80                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 637+35                  | 24       | 36                            | 16 16                         | ✓                             | ✓                             | 13                            | DIW LT.                       |
| 637+40                  | 18       | 44                            |                               |                               |                               | 13                            |                               |
| 638+07                  | 24       | 36                            | 16 16                         | ✓                             | ✓                             | 13                            | DIW LT.                       |
| 638+07                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 643+10                  | 18       | 106                           | 16 16                         | ✓                             | ✓                             | 67                            |                               |
| 643+70                  | 18       | 42                            | 16 16                         | ✓                             | ✓                             | 12                            | DIW RT.                       |
| 645+90                  | 24       | 42                            | 16 16                         | ✓                             | ✓                             | 15                            | DIW LT.                       |
| 648+70                  | 18       | 108                           | 16 16                         | ✓                             | ✓                             | 65                            |                               |
| 650+35                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 651+20                  | 18       | 24                            | 16 16                         | ✓                             | ✓                             | 7                             | DIW LT.                       |
| 654+50                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW LT.                       |
| 654+60                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 662+00                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW LT.                       |
| 662+65                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 669+20                  | 18       | 108                           | 16 16                         | ✓                             | ✓                             | 68                            |                               |
| 670+50                  | 24       | 66                            | 16 16                         | ✓                             | ✓                             | 24                            | DIW LT.                       |
| 673+15                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 676+15                  | 18       | 64                            |                               |                               |                               | 18                            |                               |
| 680+30                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 683+90                  | 12       | 70                            | 16 16                         | ✓                             | ✓                             | 8                             | RD. 223 LT.                   |
| 683+90                  | 18       | 64                            | 16 16                         | ✓                             | ✓                             | 29                            | RD. AB CONNECTION RT.         |
| 691+75                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 694+41                  | 24       | 56                            |                               |                               |                               | 21                            |                               |
| 696+50                  | 12       | 42                            | 16 16                         | ✓                             | ✓                             | 8                             | DIW RT.                       |
| 699+08                  | 18       | 40                            |                               |                               |                               | 13                            |                               |
| 701+10                  | 12       | 24                            | 16 16                         | ✓                             | ✓                             | 5                             | DIW RT.                       |
| 712+83                  | 36       | 76                            |                               |                               |                               | 46                            |                               |
| 716+33                  | 12       | 24                            |                               |                               |                               | 12                            |                               |
| 721+70                  | 12       | 24                            |                               |                               |                               | 12                            |                               |
| LOCATION NOT DETERMINED | 6"       | 270                           | 16 16                         | ✓                             | ✓                             | 75                            | PERFORATED PIPE               |
| A 1+40                  | 18       | 46                            | 16 16                         | ✓                             | ✓                             | 13                            |                               |
| A 6+45                  | 12       | 34                            | 16 16                         | ✓                             | ✓                             | 6                             | DIW LT.                       |
| A 6+45                  | 12       | 34                            | 16 16                         | ✓                             | ✓                             | 6                             | DIW RT.                       |

NOTE: 18" & LARGER CONC. PIPE SHALL BE REINFORCED

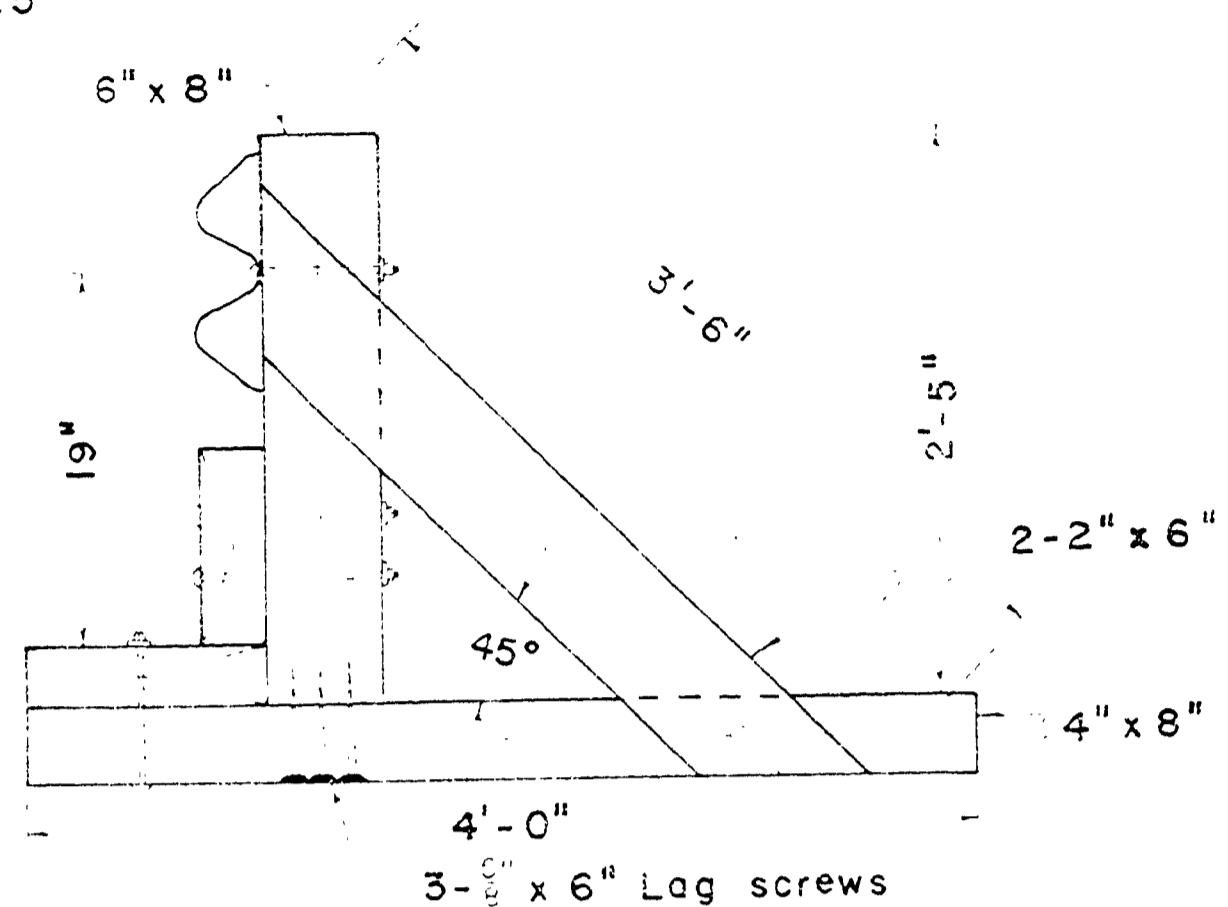
NOTE: PIPE LENGTHS & LOCATIONS TO BE VERIFIED IN FIELD.



# BARRICADES

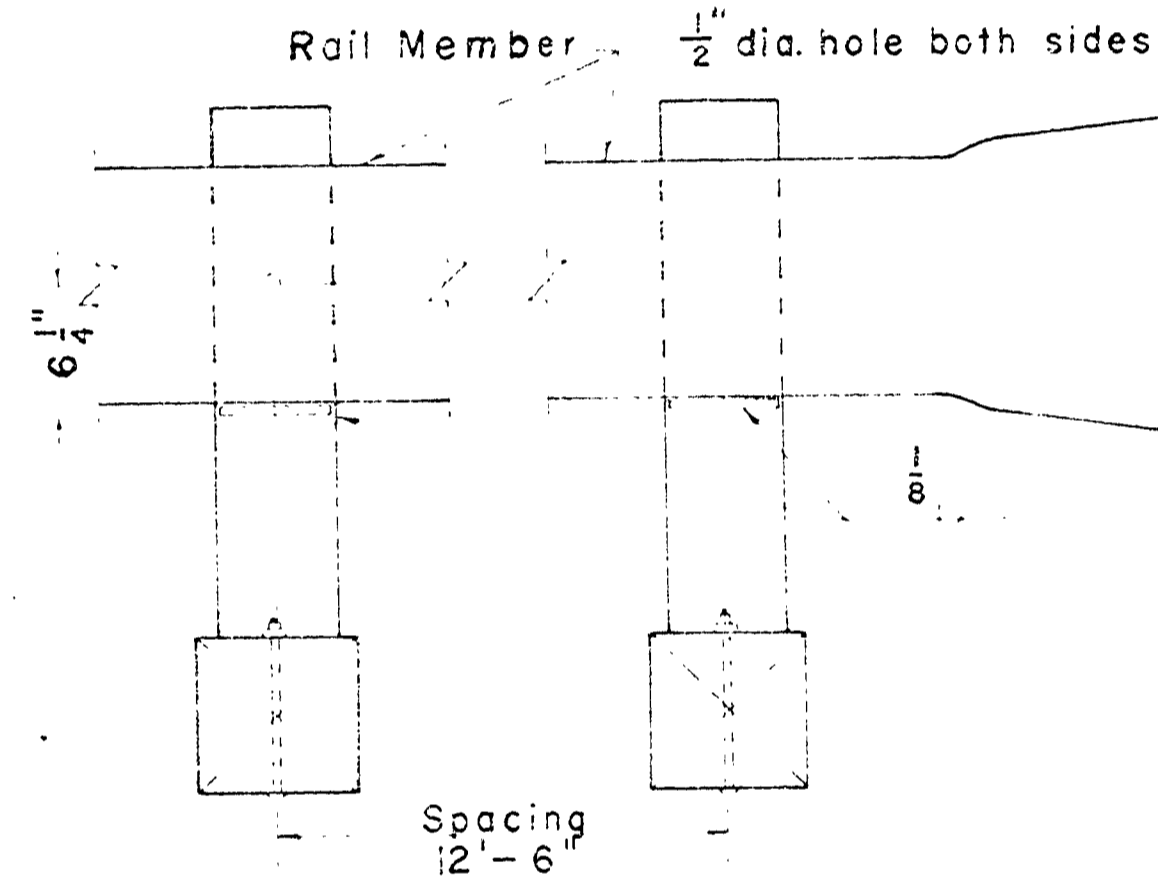


ELEVATION

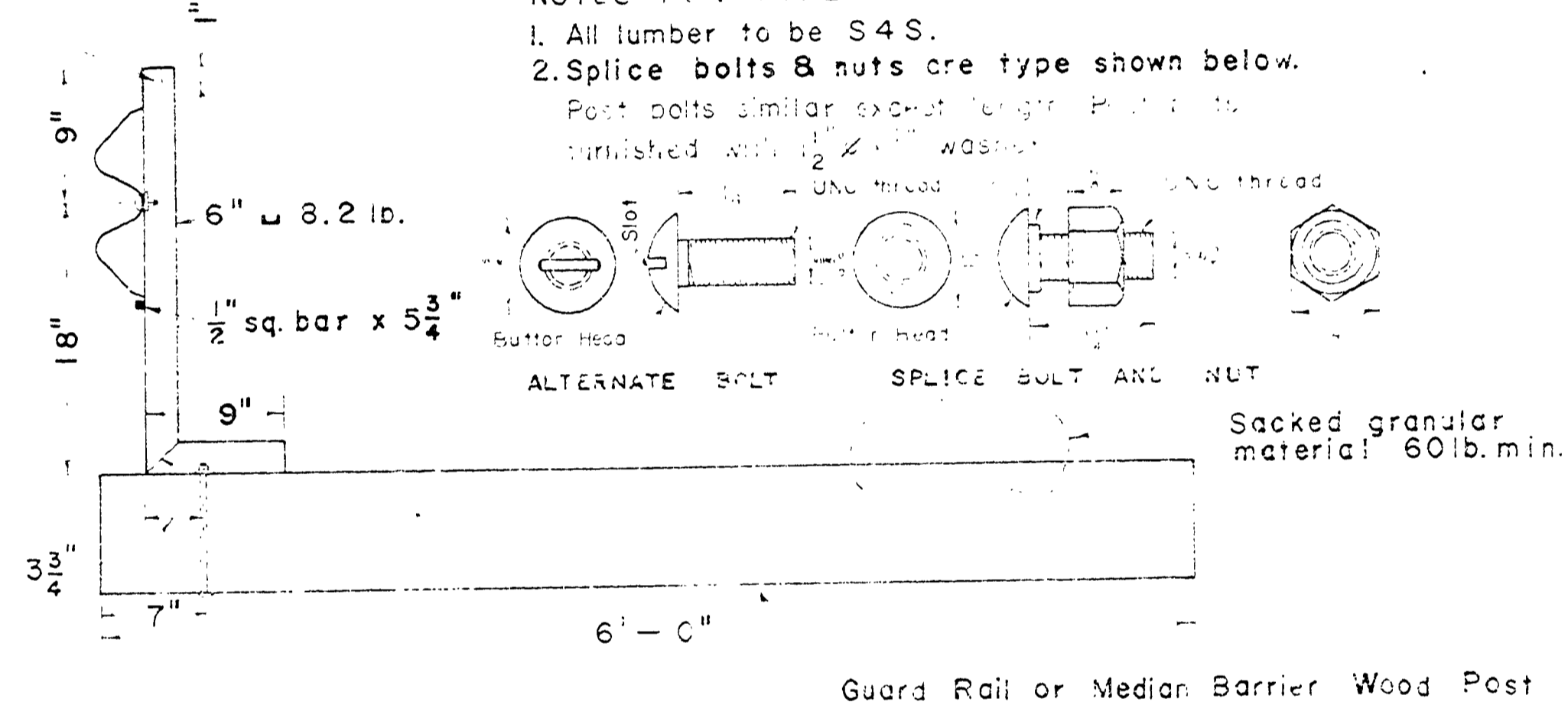


SECTION

## TYPE - 1

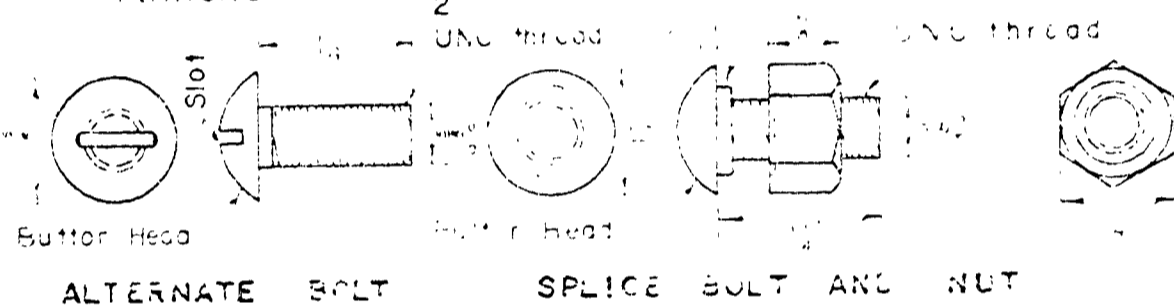


ELEVATION

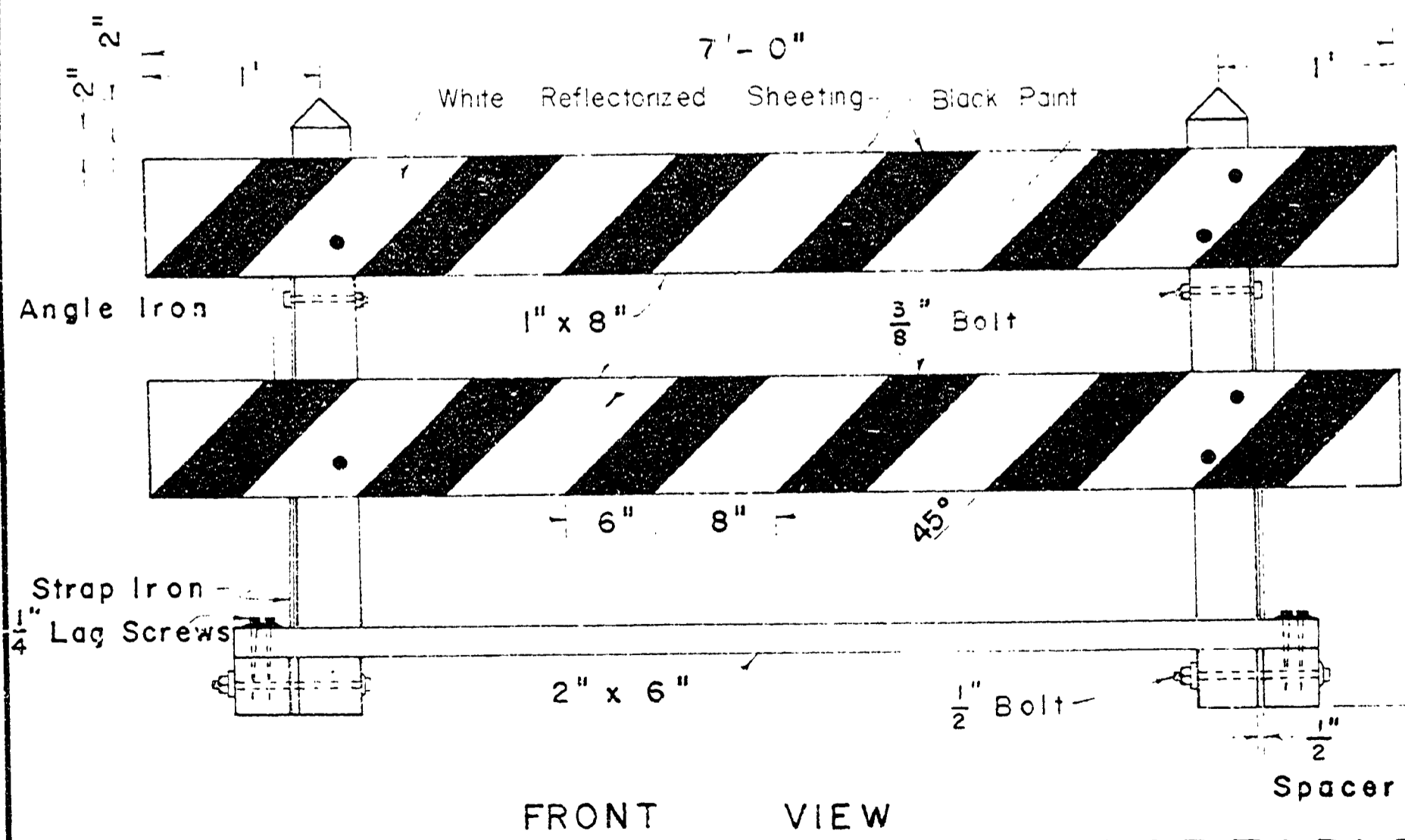


SECTION

NOTES FOR TYPES 1 & 2:  
1. All lumber to be S4S.  
2. Splice bolts & nuts are type shown below.  
Post bolts similar except length. Post nuts finished with 1/2" washer.

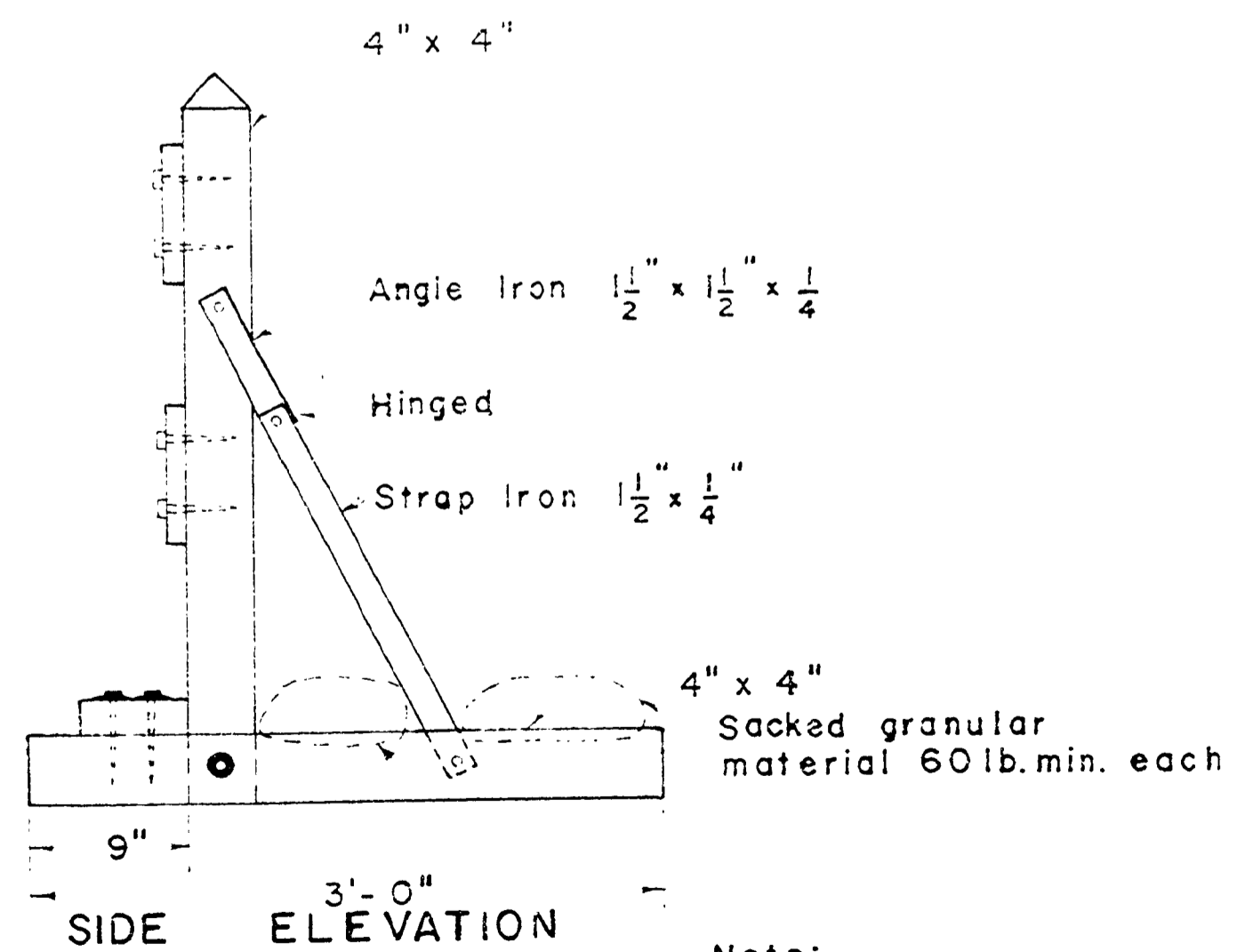


## TYPE - 2



FRONT VIEW

PORTABLE



SIDE ELEVATION

Note:  
All lumber to be S4S

NOT REVISION  
AS CONSTRUCTED

DOUGLAS COUNTY RD. DEPT  
BARRICADES

DEC. 1969 Standard Drwg. 13

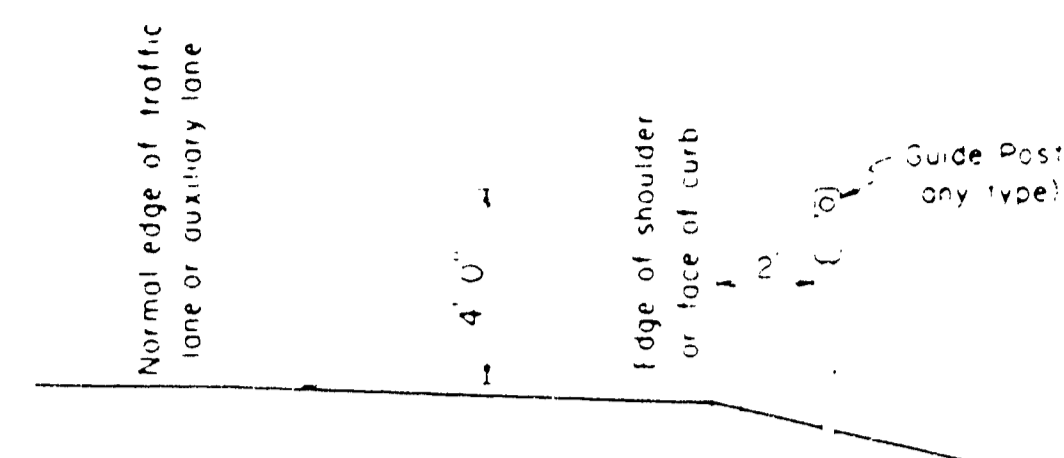
0000BARR

PL # A # 4

### GUIDE POSTS

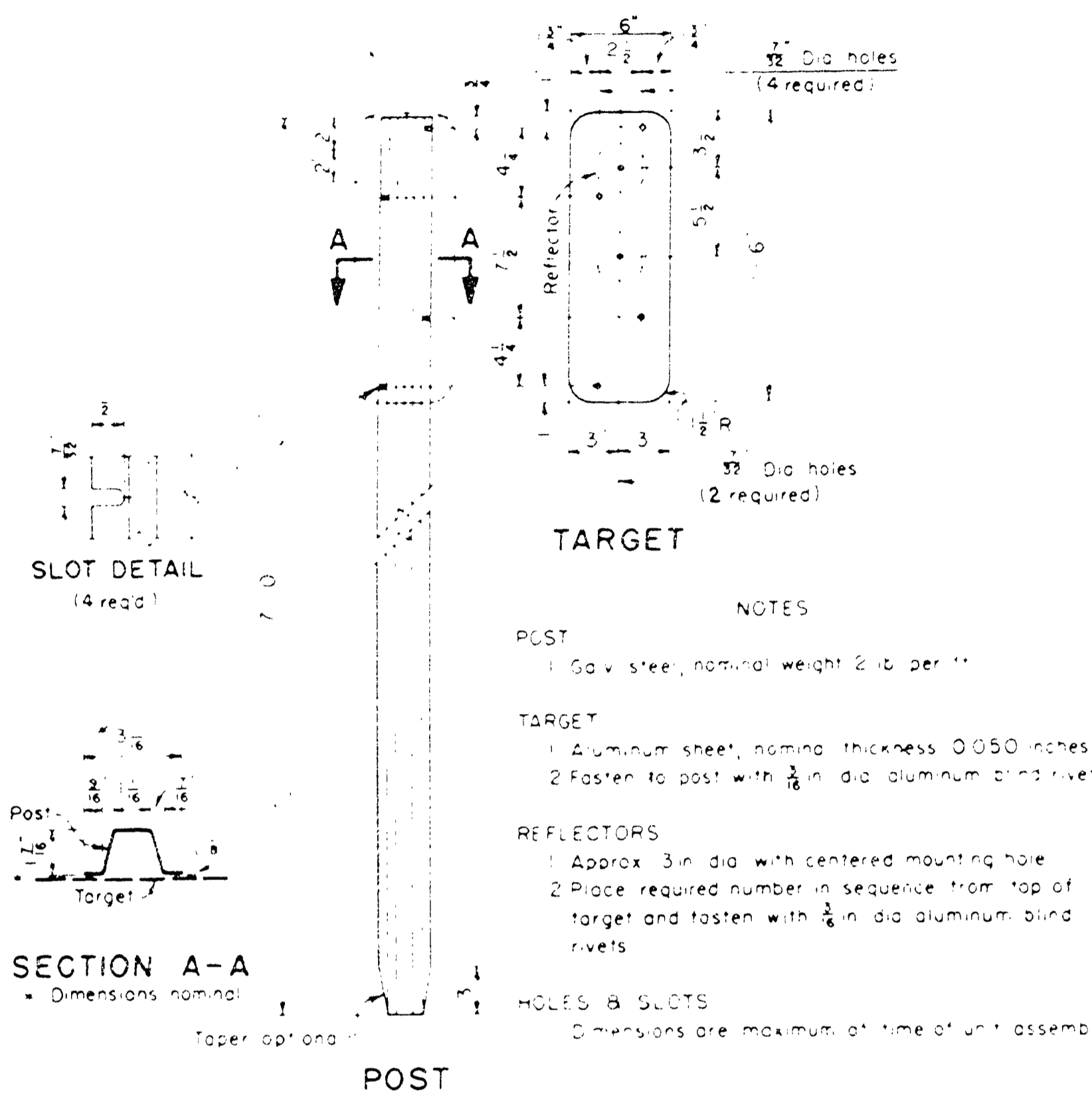
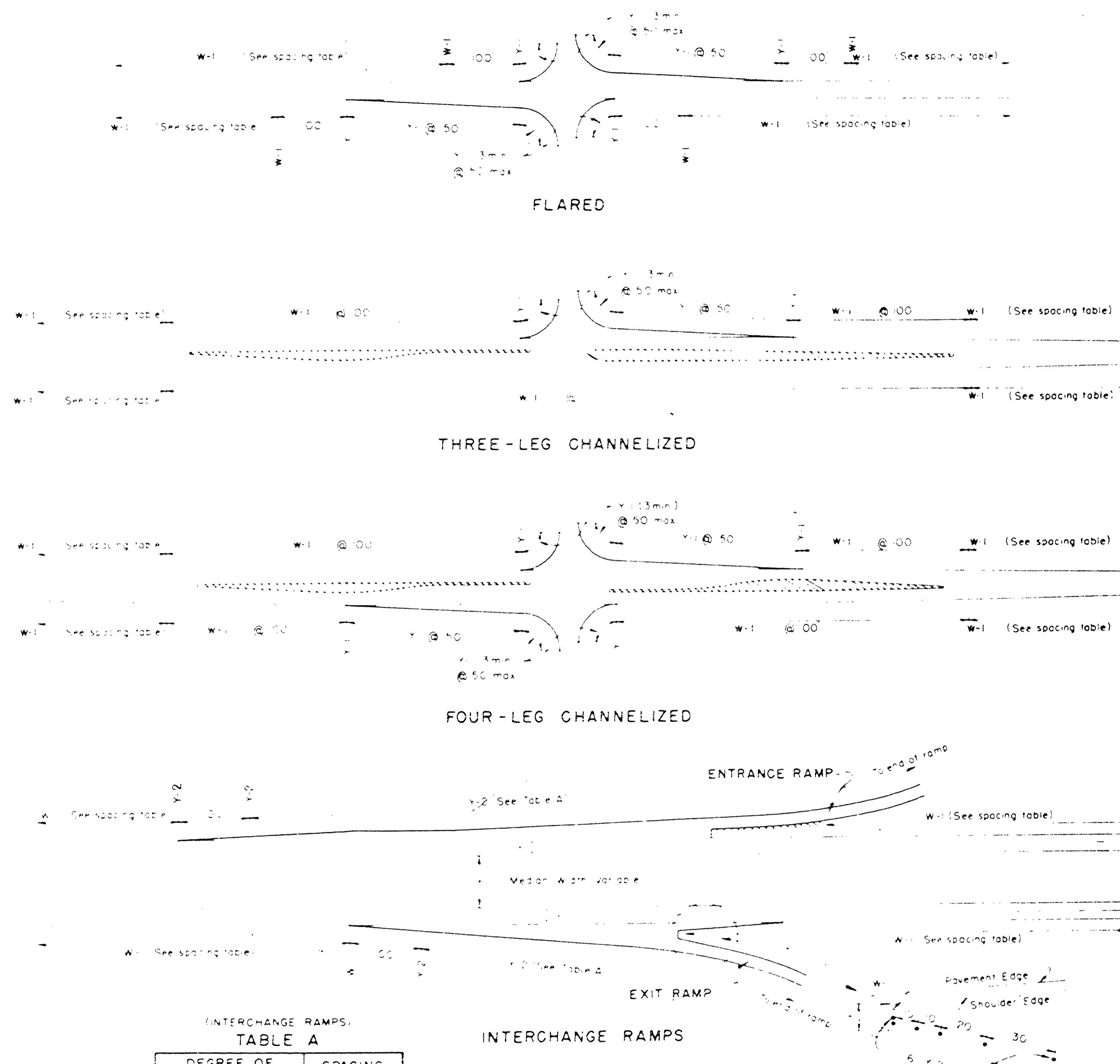
| TYPE | COLOR OF REFLECTOR AND TARGET | NUMBER OF REFLECTORS |
|------|-------------------------------|----------------------|
| W-1  | White                         | 1                    |
| Y-1  | Yellow                        | 1                    |
| Y-2  | Yellow                        | 2                    |

### INSTALLATION



NOTE  
 1. At guard rail locations the guide posts are to be installed behind the rail.  
 2. Install all guide posts with reflectors facing adjacent or coming traffic.

### GUIDE POST TYPES & SPACINGS AT INTERSECTIONS



NOTES  
 POST  
 1. Galv. steel, nominal weight 2 lb. per ft.  
 TARGET  
 1. Aluminum sheet, nominal thickness 0.050 inches  
 2. Fasten to post with 3/8 in. dia. aluminum blind rivets  
 REFLECTORS  
 1. Approx. 3 in. dia. with centered mounting hole  
 2. Place required number in sequence from top of target and fasten with 3/8 in. dia. aluminum blind rivets  
 HOLES & SLOTS  
 Dimensions are maximum at time of unit assembly

### SPACING TABLE

| GUIDE POST TYPE | HIGHWAY                                   | SPACING EACH SIDE |
|-----------------|---|-------------------|
| W-1             | Interstate                                | 264 ft.           |
| W-1             | Non-Interstate Divided                    | 400 ft.           |
| W-1             | Non-Interstate Undivided                  | * 400 ft.         |
| Y-1             | See channelized and flared plans at right |                   |
| Y-2             | See interchange ramps plan at right       |                   |

\* For variations on horizontal curves and crest vertical curves, see tables below.

- To clear driveways, crossroads, etc. or for required adjustments at ramps and intersections, either (a) vary placement of that post up to 1/8 of spacing shown, or (b) eliminate said post if limit of variation must be exceeded.
- Judgement should be exercised in the installation of guide posts in cut sections, particularly on roads constructed to older standards where ditches are narrow and where guide posts tend to hamper maintenance operations.

### (UNDIVIDED) HORIZONTAL CURVES

| DEGREE OF CURVE | SPACING EACH SIDE OF ROADWAY IN FEET |                              |              |
|-----------------|--------------------------------------|------------------------------|--------------|
|                 | ON CURVE                             | IN ADVANCE OF & BEYOND CURVE |              |
|                 |                                      | FIRST SPACE                  | SECOND SPACE |
| 1               | 300                                  | 400                          | 400          |
| 2               | 210                                  | 380                          | 400          |
| 3               | 170                                  | 310                          | 400          |
| 4               | 150                                  | 270                          | 400          |
| 5               | 130                                  | 230                          | 400          |
| 6               | 120                                  | 200                          | 350          |
| 7-8             | 100                                  | 180                          | 300          |
| 9-10            | 90                                   | 160                          | 270          |
| 11-12           | 80                                   | 140                          | 240          |
| 13-14           | 70                                   | 130                          | 210          |
| 15-18           | 60                                   | 110                          | 180          |
| 19-25           | 50                                   | 100                          | 150          |
| 26-Up           | 50                                   | 100                          | 150          |

### (UNDIVIDED) CREST VERTICAL CURVES

| ALGEBRAIC DIFFERENCE IN GRADE PERCENT | VERTICAL CURVE LENGTH IN FEET        |     |     |     |     |     |     |      |      |      |      |      |      |
|---------------------------------------|--------------------------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
|                                       | SPACING EACH SIDE OF ROADWAY IN FEET |     |     |     |     |     |     |      |      |      |      |      |      |
|                                       | 100                                  | 200 | 300 | 400 | 500 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| 0.5                                   | 220                                  | 300 | 400 | 400 | 400 |     |     |      |      |      |      |      |      |
| 1                                     | 150                                  | 230 | 280 | 340 | 380 | 400 |     |      |      |      |      |      |      |
| 2                                     | 110                                  | 180 | 230 | 270 | 300 | 340 | 400 | 400  |      |      |      |      |      |
| 3                                     | 100                                  | 150 | 190 | 230 | 260 | 290 | 340 | 380  | 400  |      |      |      |      |
| 4                                     |                                      | 130 | 170 | 200 | 230 | 250 | 300 | 340  | 370  | 400  |      |      |      |
| 5                                     |                                      | 110 | 150 | 180 | 200 | 220 | 270 | 300  | 340  | 370  | 400  | 400  | 400  |
| 6                                     |                                      | 100 | 120 | 150 | 170 | 190 | 230 | 260  | 290  | 310  | 340  | 360  | 380  |
| 7                                     |                                      |     | 110 | 130 | 150 | 170 | 200 | 230  | 250  | 270  | 300  | 320  | 340  |
| 8                                     |                                      |     | 100 | 110 | 130 | 150 | 180 | 200  | 230  | 250  | 270  | 290  | 300  |
| 9                                     |                                      |     |     | 100 | 120 | 130 | 160 | 180  | 200  | 230  | 240  | 260  | 280  |
| 10                                    |                                      |     |     |     | 100 | 110 | 130 | 150  | 170  | 190  | 200  | 220  | 230  |
| 12                                    |                                      |     |     |     |     | 100 | 110 | 130  | 150  | 160  | 180  | 190  | 200  |

### INTERCHANGE RAMP TABLE A

| DEGREE OF CURVE | SPACING feet |
|-----------------|--------------|
| 1-4             | 100          |
| 5-8             | 90           |
| 9-12            | 80           |
| 13-18           | 70           |
| 19-25           | 60           |
| 26-Up           | 50           |

For curves exceeding 8 degrees to the right and sections of traffic, guide posts shall also be installed on the left for the length of the curve.  
 2. Spacing shall be measured along the shoulder.

1. Place Guide Posts nearly opposite each other.

NOTE: Material and workmanship shall be in accordance with the current Oregon State Highway Department Specifications.

DOUGLAS COUNTY ROAD DEPT.  
 1000 Commercial Way  
 Medford, Oregon 97504

GUIDE POSTS

APPROVED: [Signature]  
 DATE: 12/19/66

REVISIONS: [Signature]  
 DATE: 12/19/66

DRG. NO. 2106

0000POST

April 1967 Misc 5 within 14 5 14  
 Rd #4 # 138