

**INDEX OF SHEETS**

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STANDARD PLANS

920-R5 (2 SHEETS) TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE  
 921-R5 (2 SHEETS) TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE  
 922-R8 (2 SHEETS) TRAFFIC CONTROL FOR ASPHALT SURFACING

STATE OF NEBRASKA  
 DEPARTMENT OF ROADS  
 PLANS FOR CONSTRUCTION  
 DISTRICT 1-  
 DISTRICTWIDE  
 LANCASTER & SEWARD COUNTIES

|               |           |
|---------------|-----------|
| PROJECT NO.   | SHEET NO. |
| HSIP-D1(105)  | 1         |
| ▲ CONTROL NO. | 13248     |
| ▲ CONTROL NO. |           |
| ■ CONTROL NO. |           |

THE 2007 EDITION OF THE NEBRASKA STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT.

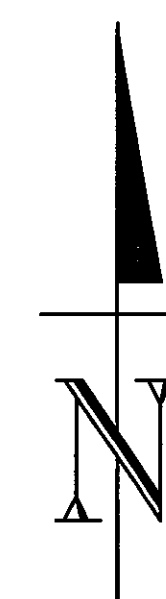
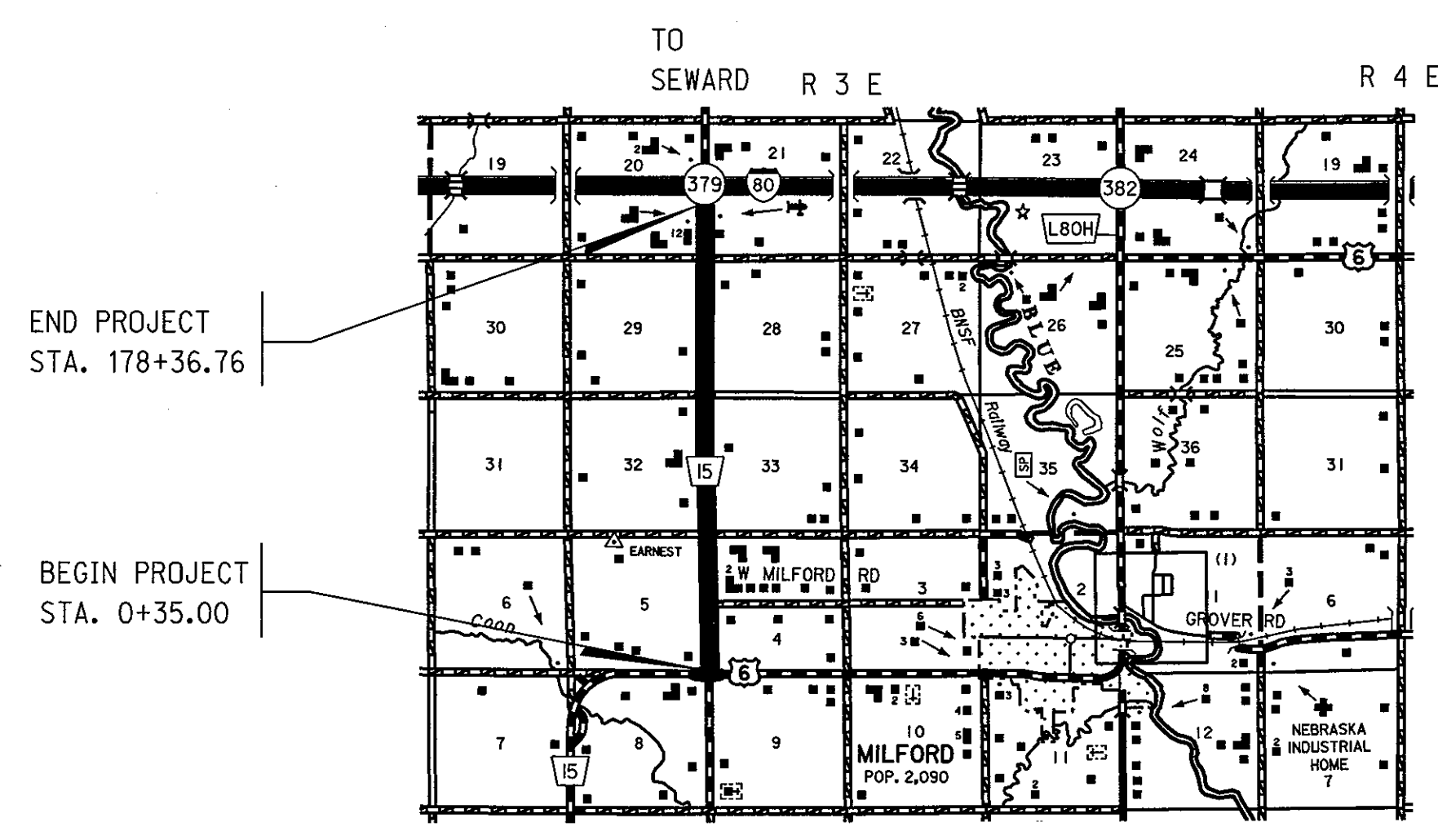
THE WORK ON THIS PROJECT CONSISTS OF GROUPS

9-BITUMINOUS

▲ GROUPS 9 ARE INCLUDED IN THE LETTING OF OCTOBER 10, 2013

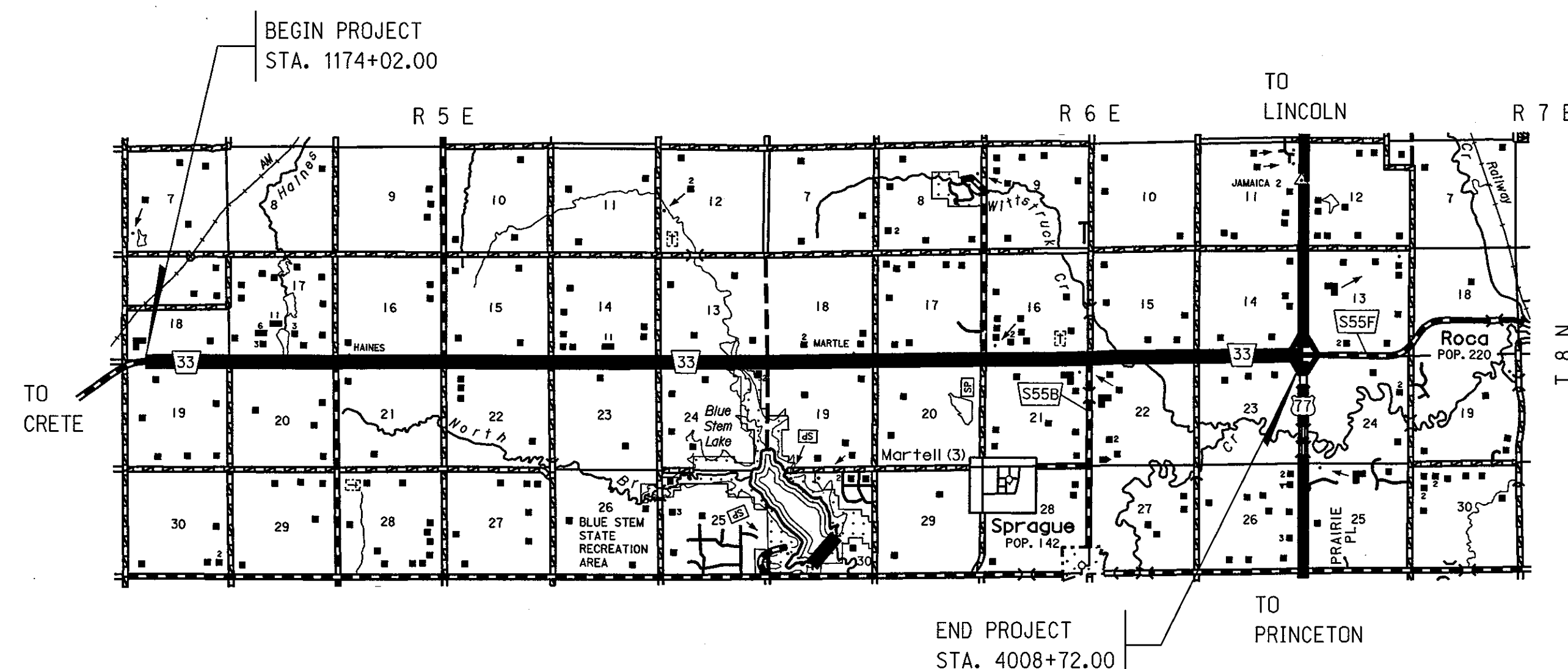
▲ GROUPS ARE INCLUDED IN THE LETTING OF

■ GROUPS ARE INCLUDED IN THE LETTING OF



EQUATIONS FOR N-33

STA. 1425+83.00 BK = STA. 1425+84.00 AH  
 STA. 1532+80.85 BK = STA. 1532+80.35 AH  
 STA. 1723+78.00 BK = STA. 3991+50.00 AH

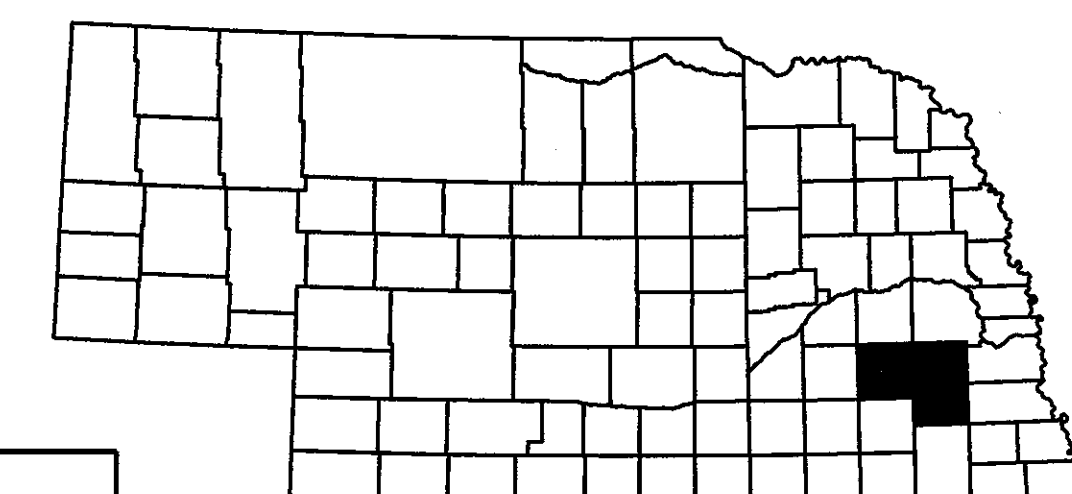


N-15

DESIGN DESIGNATION  
 MAINTENANCE  
 TRAFFIC  
 YEAR: 2012  
 ADT: 3,680

N-33

DESIGN DESIGNATION  
 MAINTENANCE  
 TRAFFIC  
 YEAR: 2012  
 ADT: 4,885

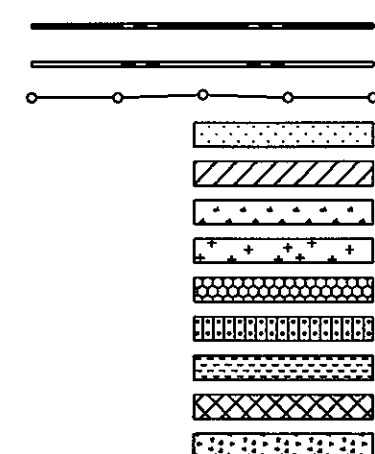


**CONVENTIONAL SIGNS**

- FENCE R.O.W. OR WIRE
- GUARDRAIL
- TRAVELED WAY
- DIKE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- MAILBOX
- RAILROAD TRACKS
- MARSH
- TREE - CONIFEROUS
- TREE - DECIDUOUS

**R.O.W. LEGEND**

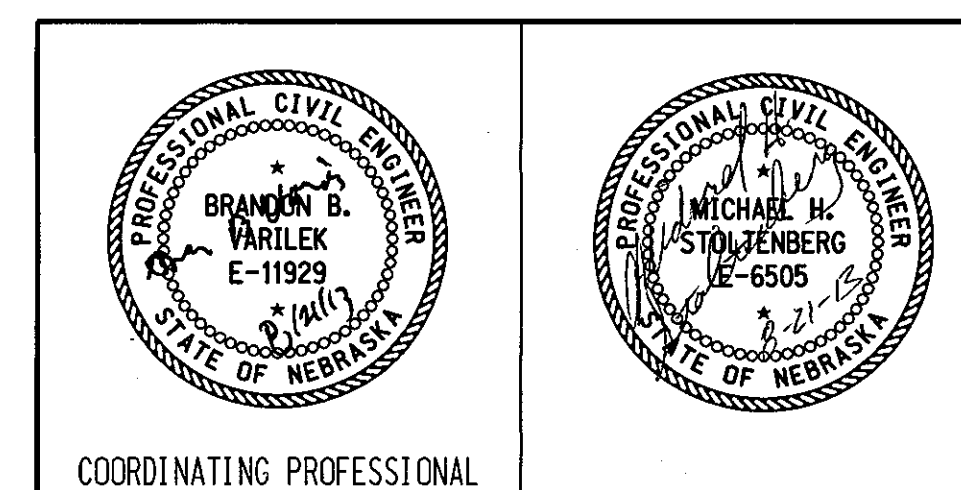
- NEW CONTROLLED ACCESS
- PREVIOUS CONTROLLED ACCESS
- LIMITS OF CONSTRUCTION
- PREVIOUS R.O.W.
- NEW R.O.W.
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXCESS TAKING
- PERMANENT EASEMENT
- EXISTING RAILROAD EASEMENT
- NEW RAILROAD PERMANENT EASEMENT
- NEW RAILROAD TEMPORARY EASEMENT



REFERENCE POST NO. 57+03 TO REFERENCE POST NO. 60+41 (N-15)  
 REFERENCE POST NO. 14+61 TO REFERENCE POST NO. 25+37 (N-33)

BRIDGE EXCEPTIONS: FROM STA. 1461+68.00 TO STA. 1463+32.00 (N-33)  
 FROM STA. 1651+28.00 TO STA. 1652+92.00 (N-33)

TOTAL NET LENGTH OF PROJECT: 74,171.26 FEET 14.048 MILES



COORDINATING PROFESSIONAL

CONSTRUCTION DIVISION

Computer: DRCONSTRUCTO

User: dor1005

Date: 19-AUG-2013 15:59

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|              |           |
|--------------|-----------|
| PROJECT NO.  | SHEET NO. |
| HSIP-D1(105) | 2-S       |

C.N. 13248

# SUMMARY OF QUANTITIES

## BITUMINOUS SURFACING ITEMS GROUP 9

| ITEM                                      | QUANTITY   | UNITS |
|---|------------|-------|
| BARRICADE, TYPE II                        | 13,411.000 | BDAY  |
| BARRICADE, TYPE III                       | 290.000    | BDAY  |
| TEMPORARY SIGN DAY                        | 490.000    | EACH  |
| SIGN DAY                                  | 7,323.000  | EACH  |
| FLAGGING                                  | 70.000     | DAY   |
| FURNISHING AND OPERATING PILOT VEHICLE    | 35.000     | DAY   |
| MOBILIZATION                              | 1.000      | LS    |
| HYDRATED LIME/WARM MIX ASPHALT            | 17,690.000 | EACH  |
| ASPHALTIC CONCRETE, TYPE SPS              | 3,490.000  | TON   |
| ASPHALTIC CONCRETE, TYPE SPR              | 17,490.000 | TON   |
| ASPHALTIC CONCRETE FOR PATCHING, TYPE SPR | 200.000    | TON   |
| ASPHALTIC CONCRETE FOR PATCHING, TYPE SPS | 100.000    | TON   |
| PERFORMANCE GRADED BINDER (52-34)         | 114.880    | TON   |
| PERFORMANCE GRADED BINDER (64-34)         | 601.460    | TON   |
| TACK COAT                                 | 25,240.000 | GAL   |
| RENTAL OF LOADER, FULLY OPERATED          | 50.000     | HOUR  |
| RENTAL OF MOTOR GRADER, FULLY OPERATED    | 50.000     | HOUR  |
| RENTAL OF DUMP TRUCK, FULLY OPERATED      | 50.000     | HOUR  |
| RENTAL OF SKID LOADER, FULLY OPERATED     | 50.000     | HOUR  |
| COLD MILLING, CLASS 3                     | 390.476    | STA   |
| COLD MILLING, CLASS 3 TYPE A              | 1,092.940  | STA   |
| COLD MILLING, CLASS 3 TYPE B              | 1,092.940  | STA   |
| RUMBLE STRIPS, ASPHALT                    | 1,448.976  | STA   |
| RAP INCENTIVE PAYMENT                     | 36,176.000 | EACH  |

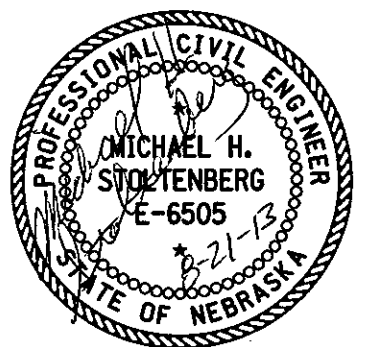
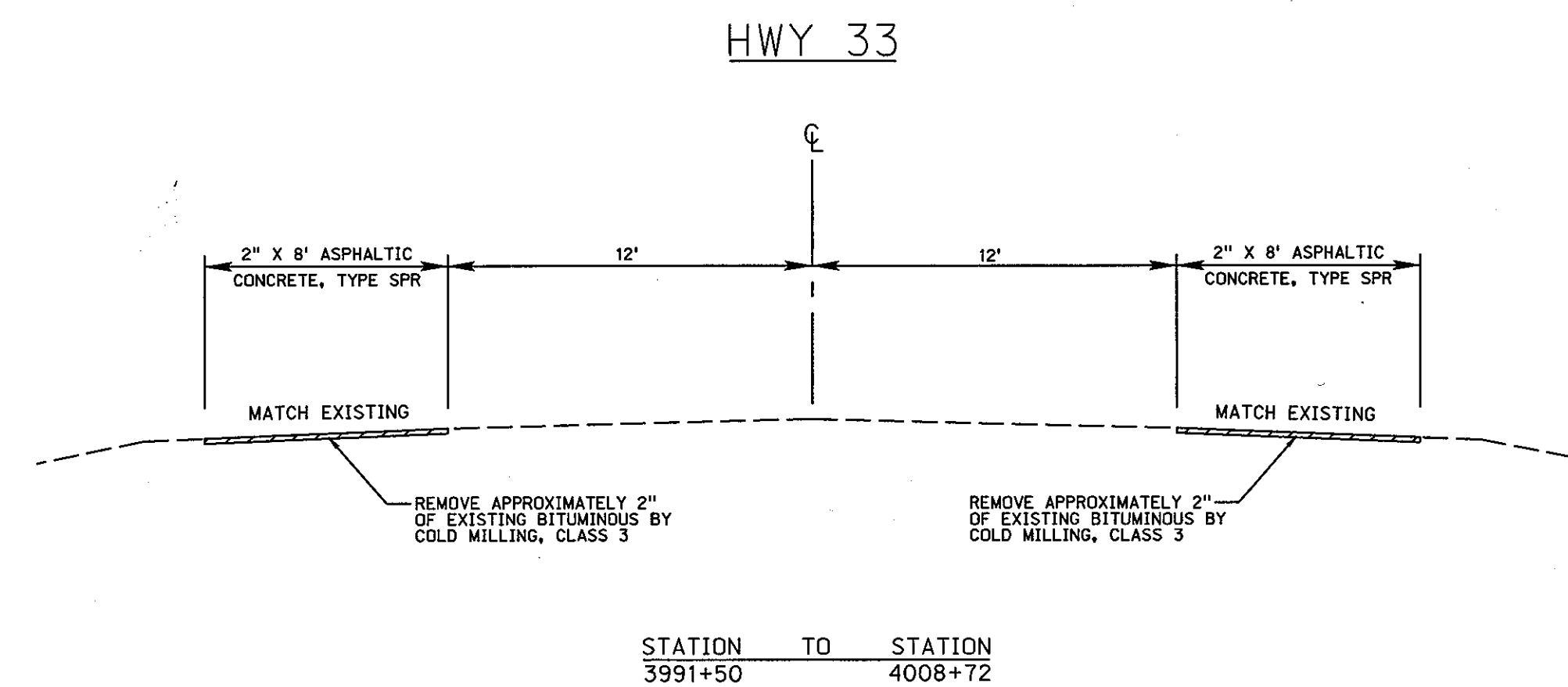
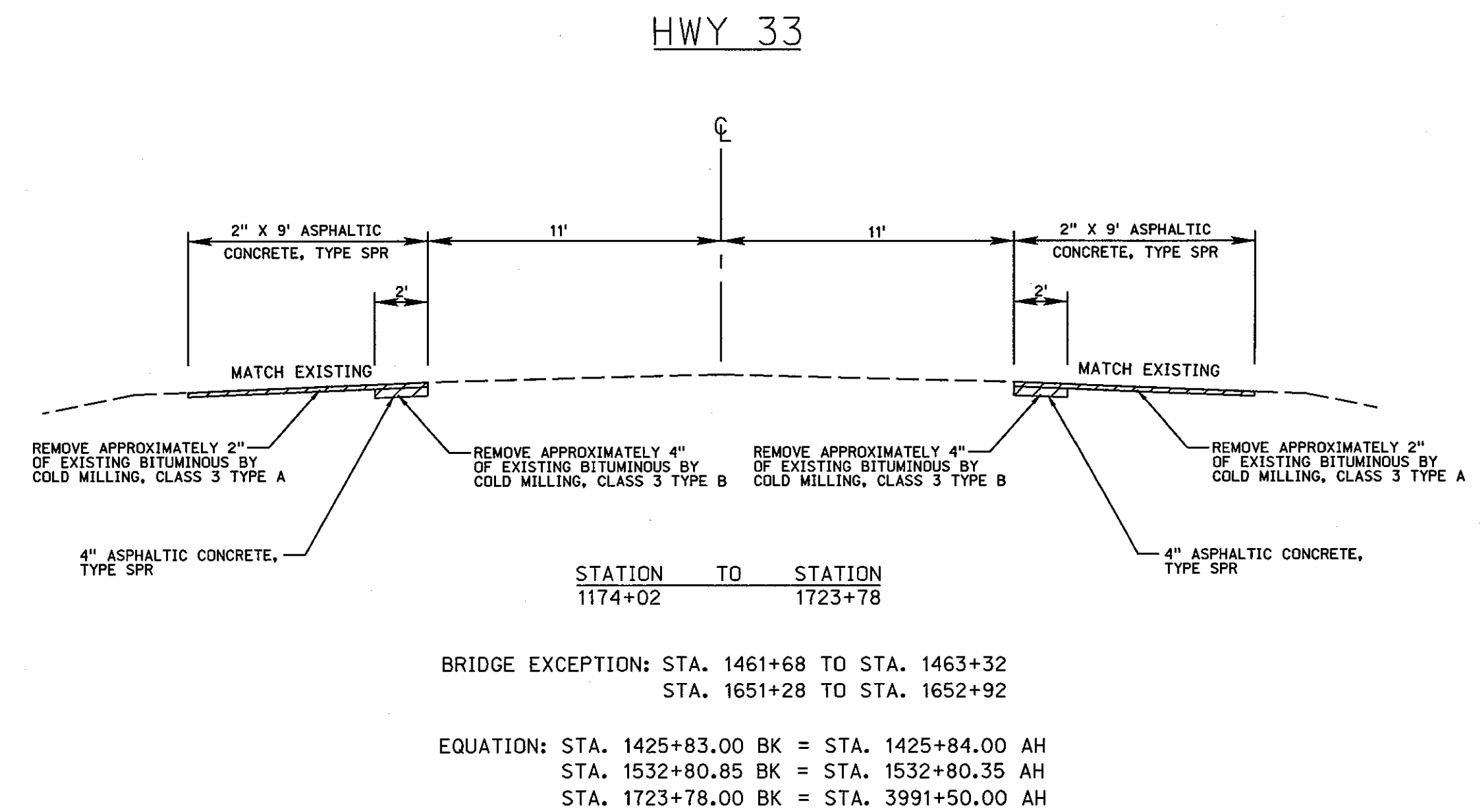
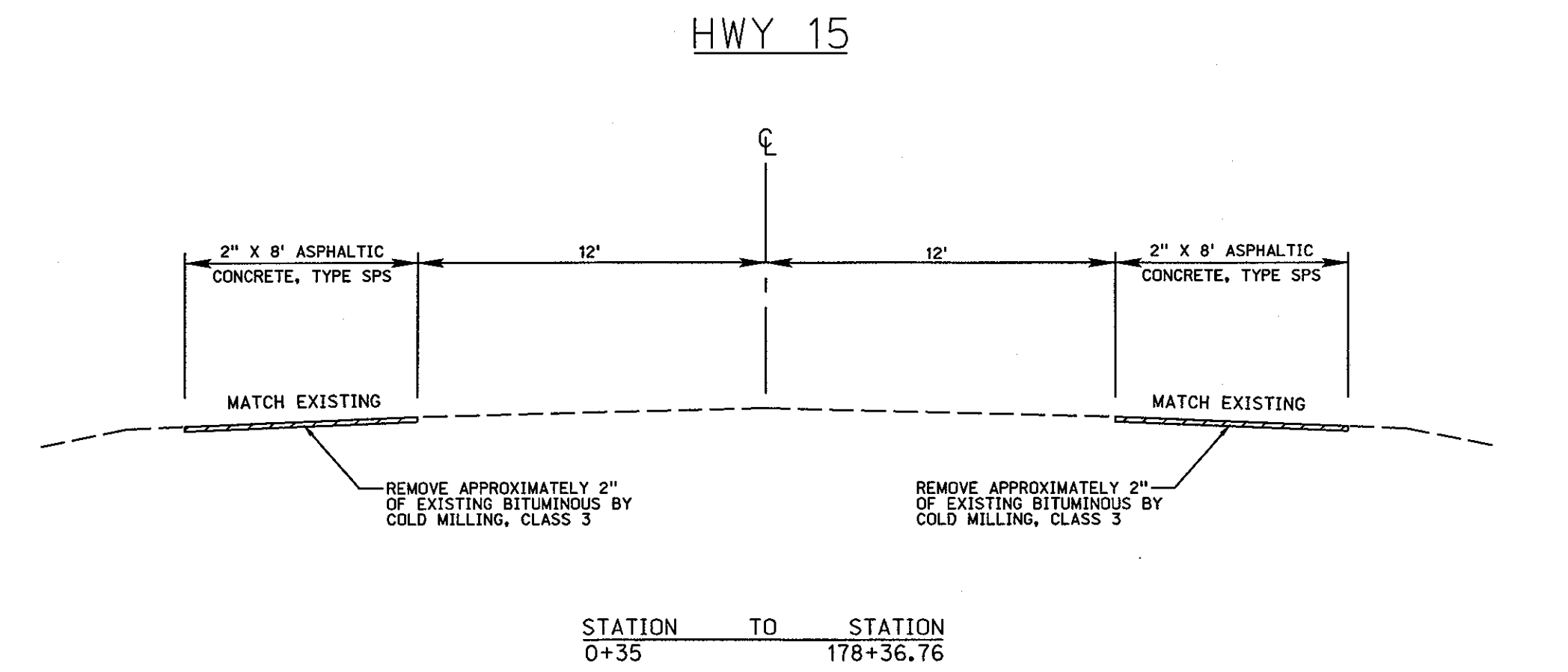
### TYPES OF ASPHALTIC OIL TO BE USED

TACK COAT: SS-1, SS-1H, CSS-1, OR CSS-1H

### PERFORMANCE GRADED BINDER

AASHTO DESIGNATION M320

# TYPICAL CROSS SECTIONS



CONSTRUCTION DIVISION

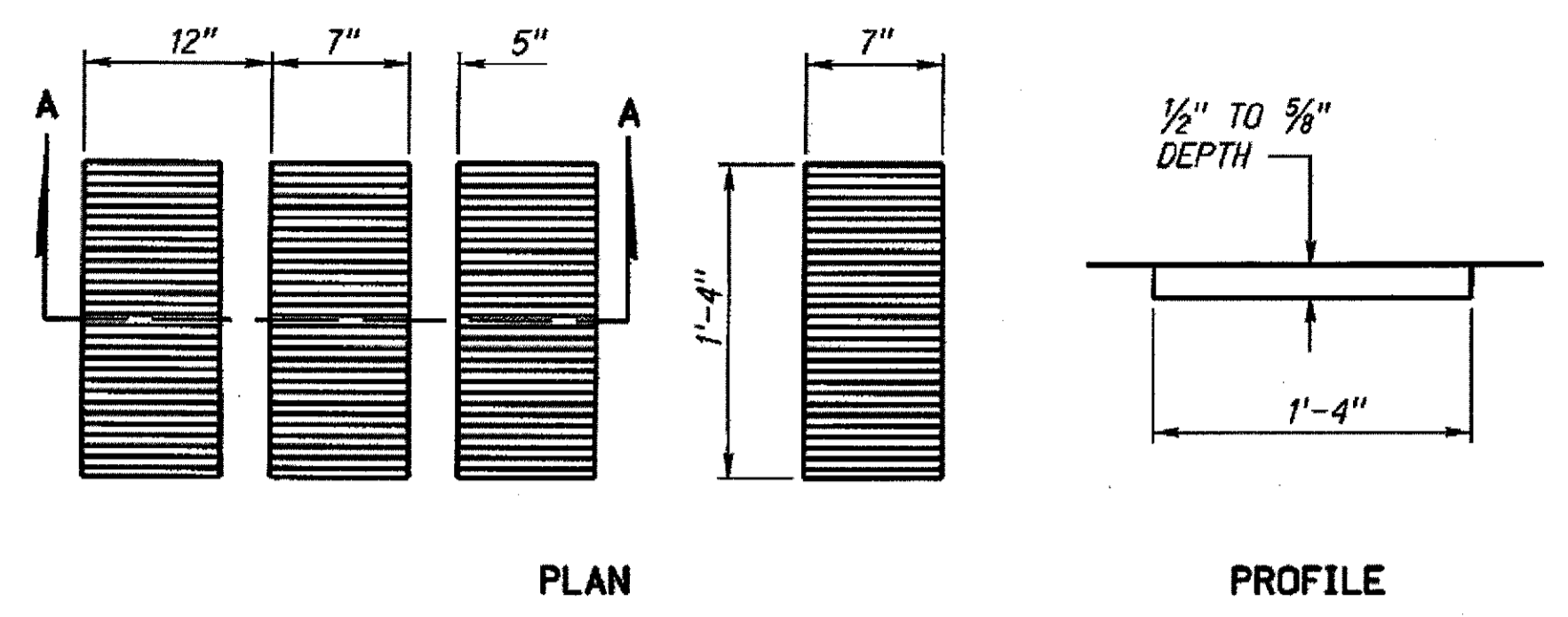
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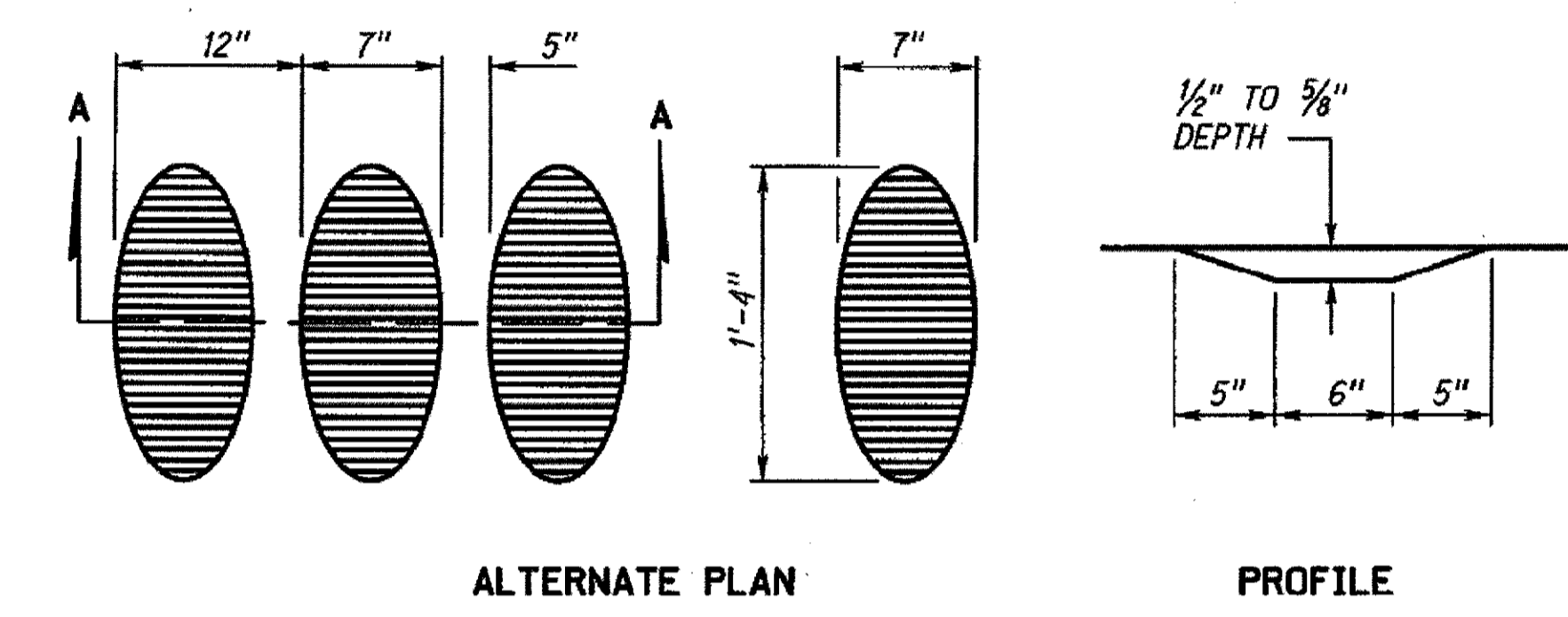
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ROADWAY DESIGN DIVISION



PLAN

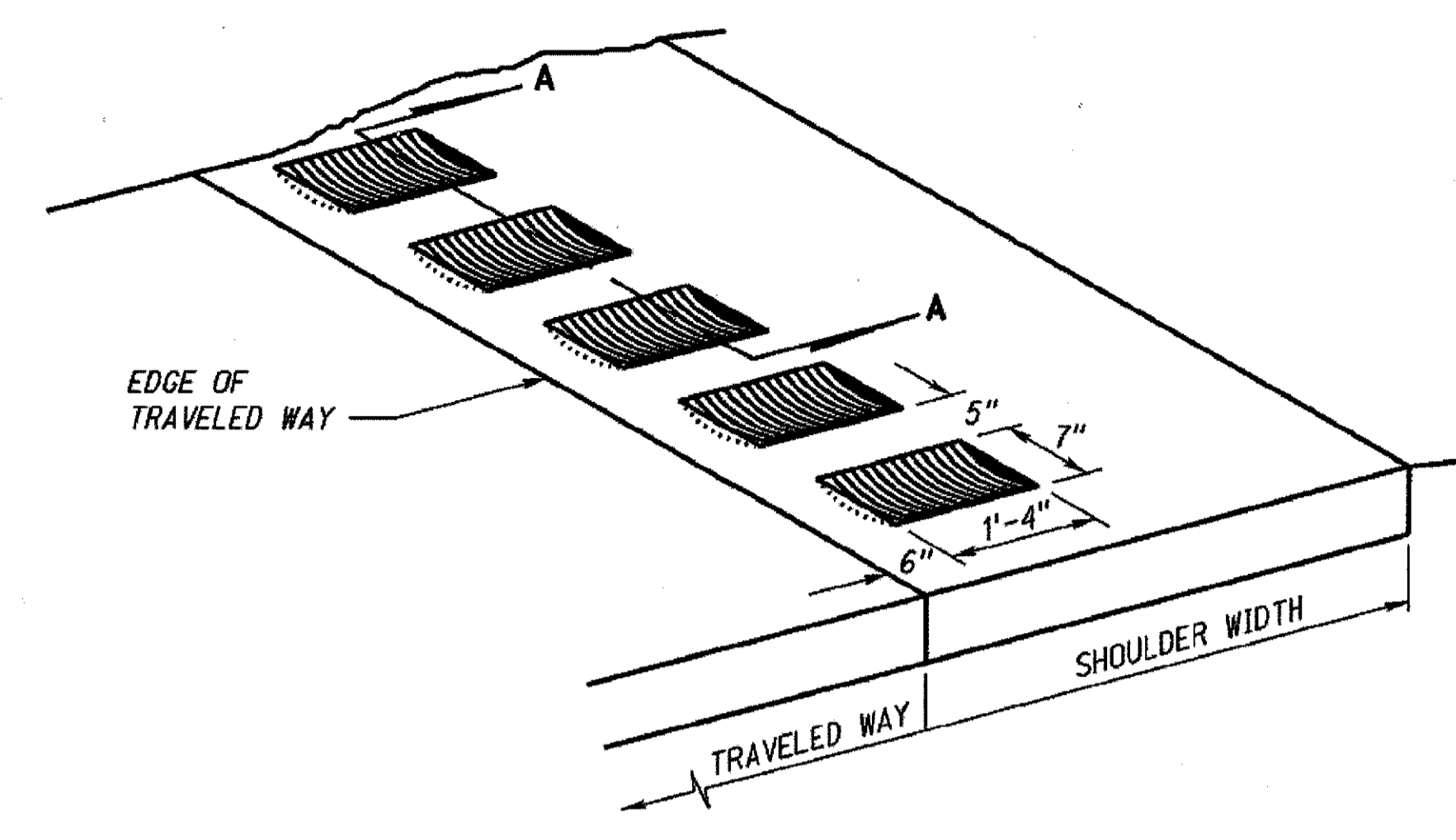
PROFILE



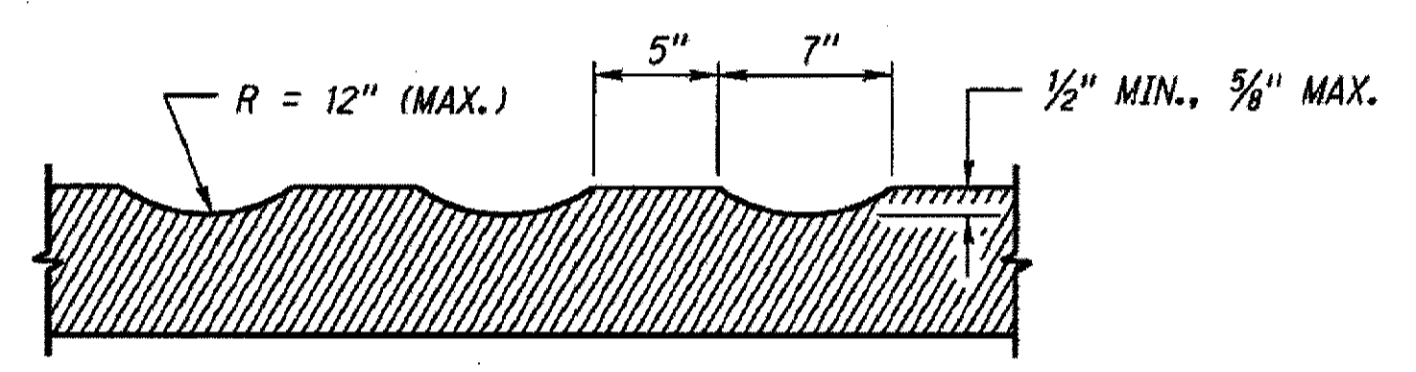
ALTERNATE PLAN

PROFILE

SHOULDER RUMBLE STRIPS SHAPE

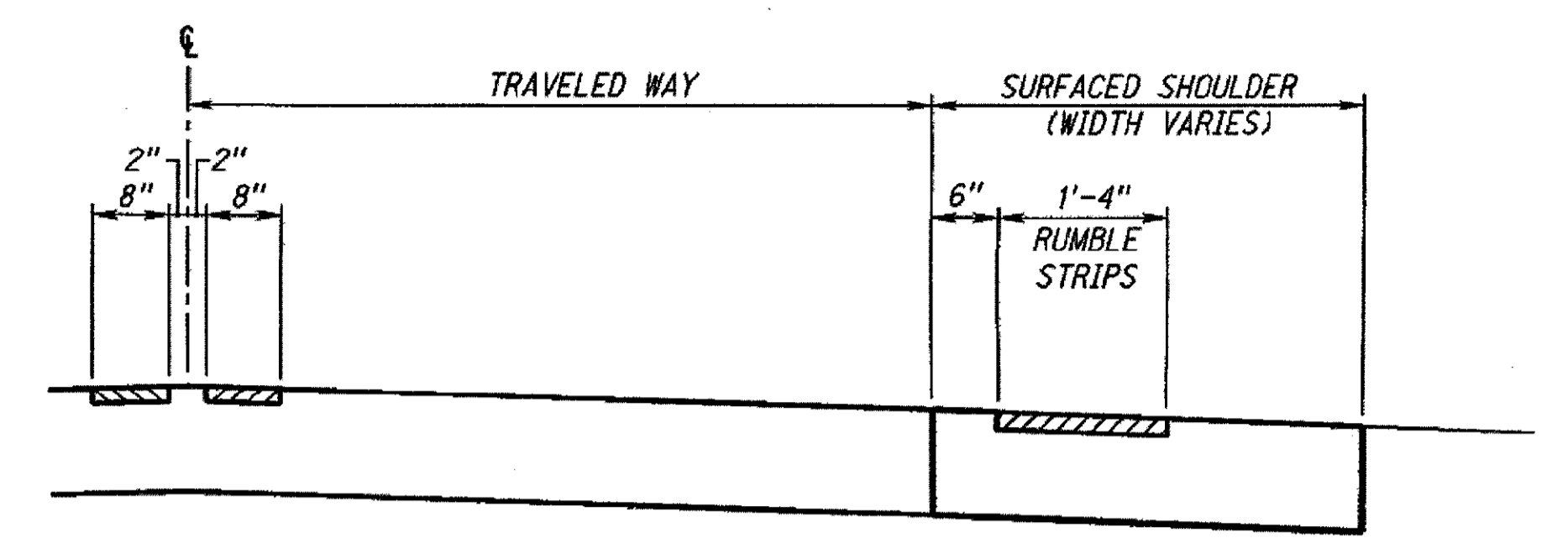


SHOULDER RUMBLE STRIPS DETAIL

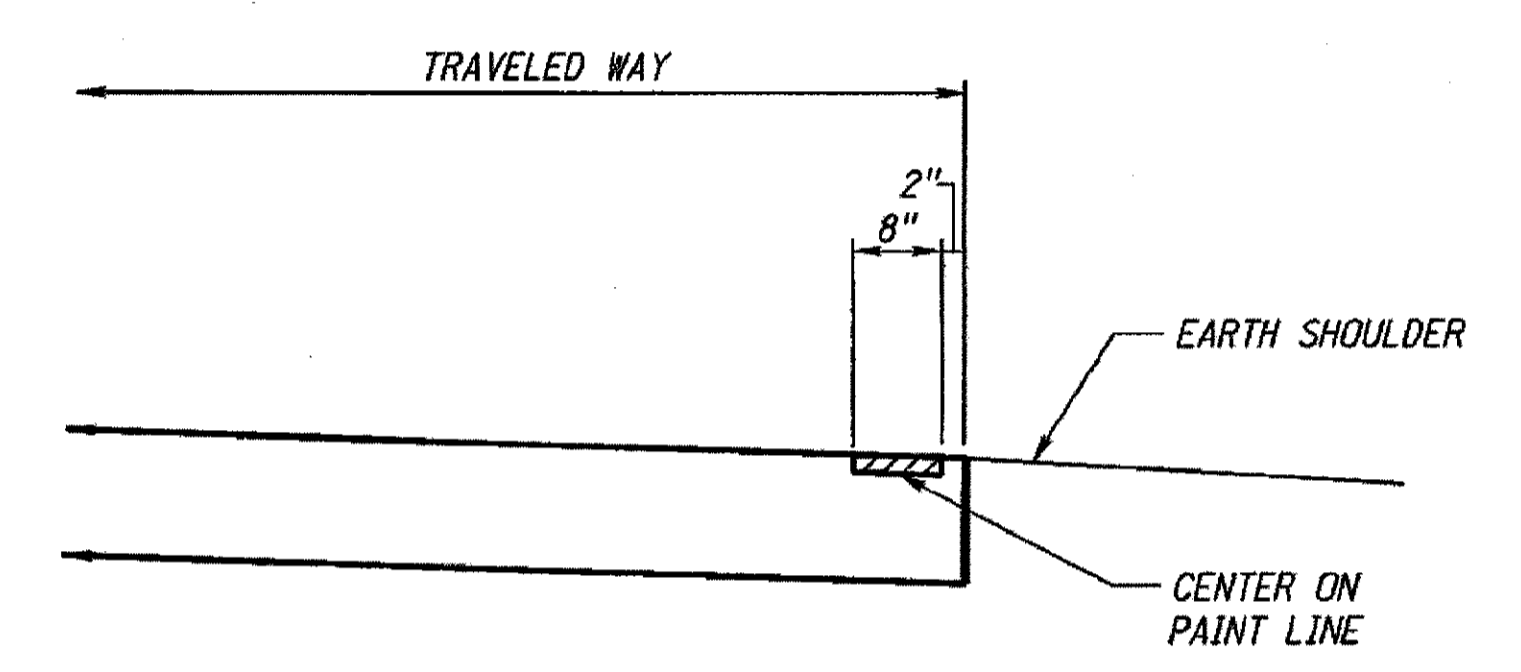


RUMBLE STRIPS CORRUGATIONS

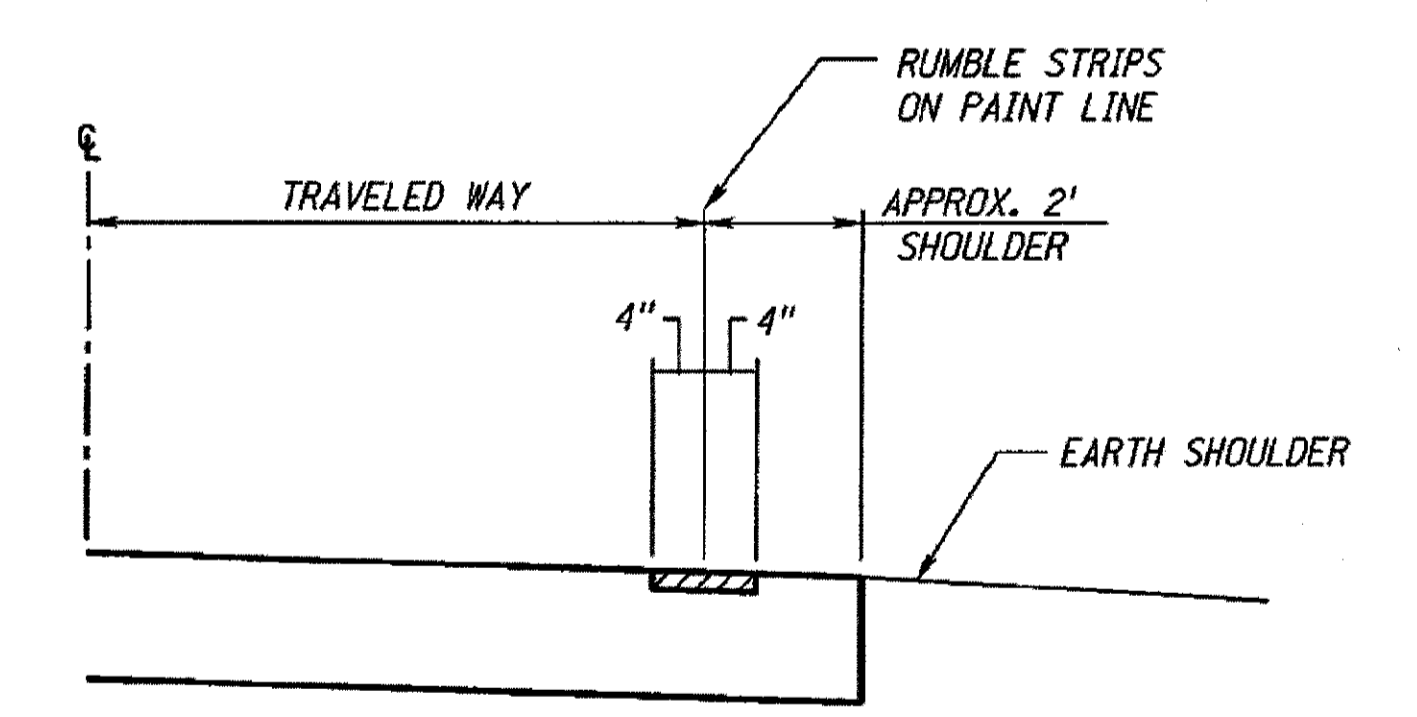
SECTION A-A  
(TYPICAL FOR ALL SHAPES)



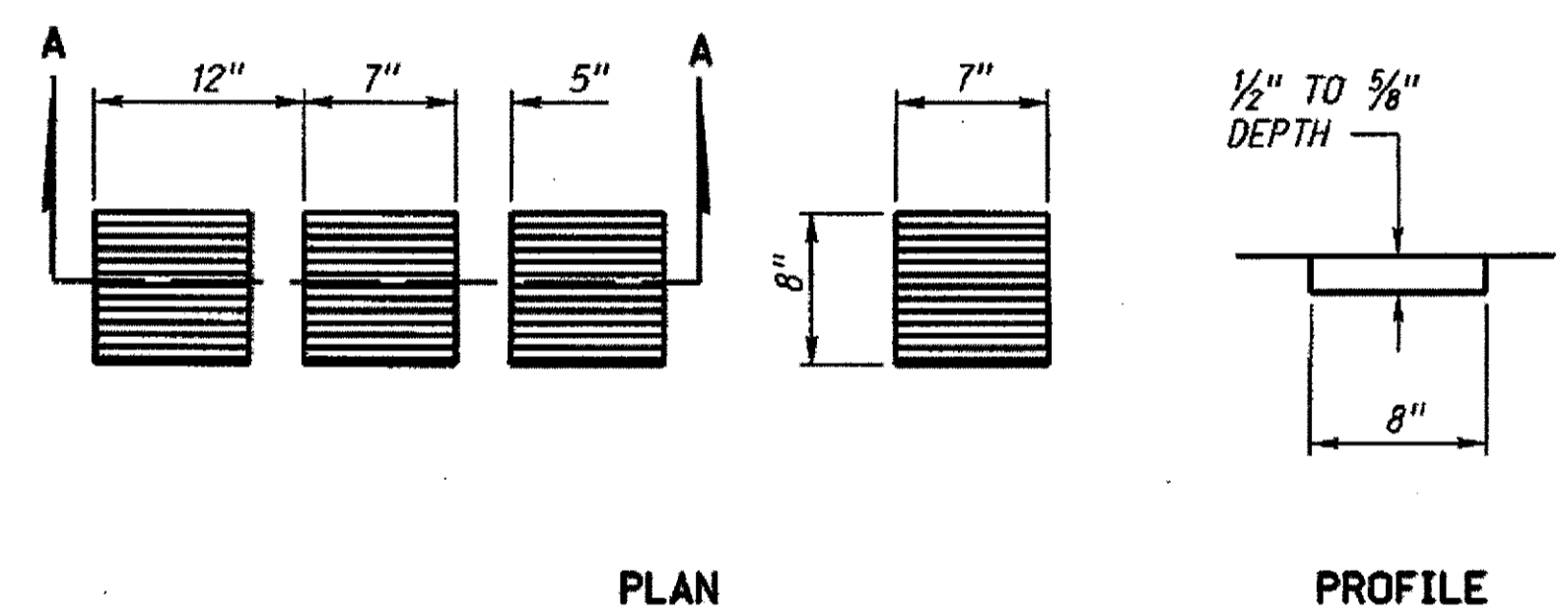
SHOULDER & CENTERLINE



EDGELINE ON 24 FEET ROADWAY



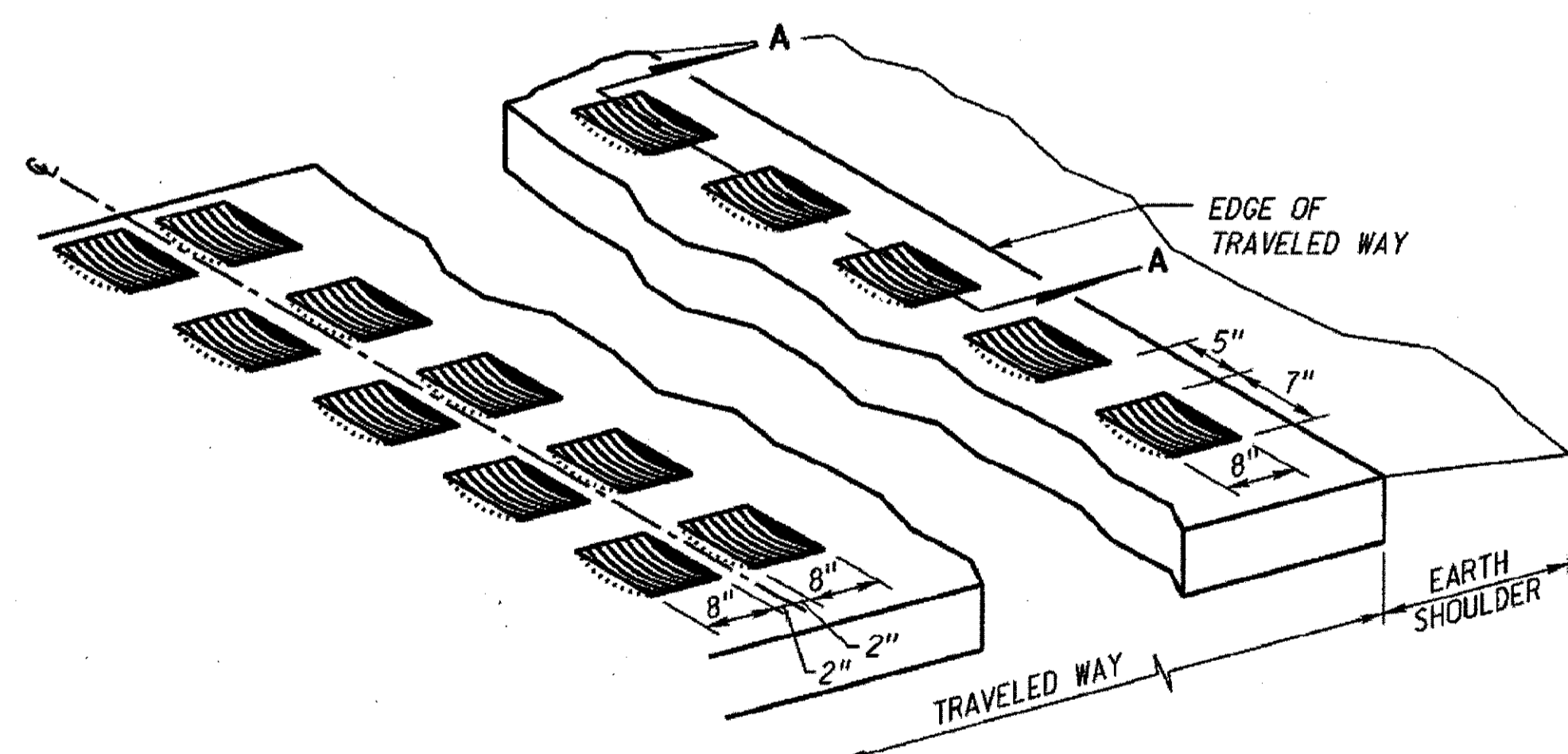
EDGELINE ON 28 FEET ROADWAY



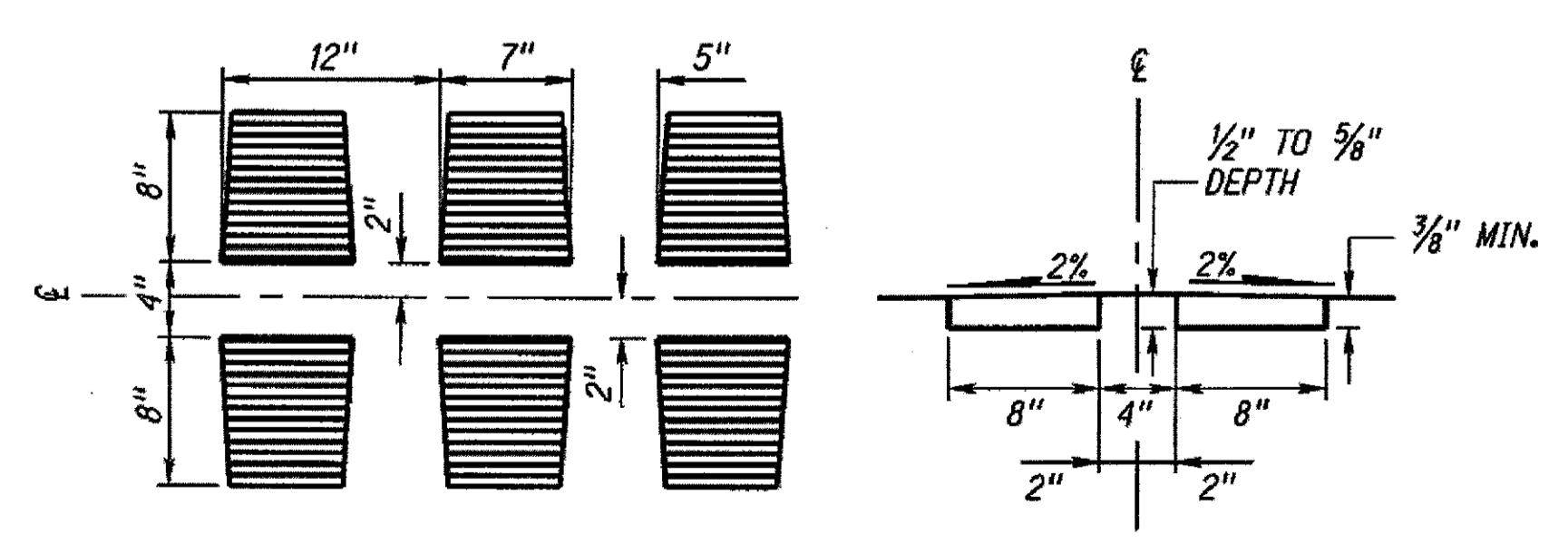
PLAN

PROFILE

CENTERLINE AND EDGELINE RUMBLE STRIPS SHAPE



CENTERLINE AND EDGELINE RUMBLE STRIPS DETAIL



PLAN

PROFILE

ALTERNATE CENTERLINE RUMBLE STRIPS SHAPE

NOTES:

RUMBLE STRIPS SHALL BE PLACED ON ALL SHOULDERS AS INDICATED IN THIS PLAN AND IN ACCORDANCE WITH THE PROJECT PLANS. RUMBLE STRIPS ARE NOT NORMALLY REQUIRED ON CITY STREETS AND OTHER URBAN SHOULDERS ADJACENT TO CURB AND GUTTER UNLESS SPECIFICALLY NOTED IN THE PLANS.

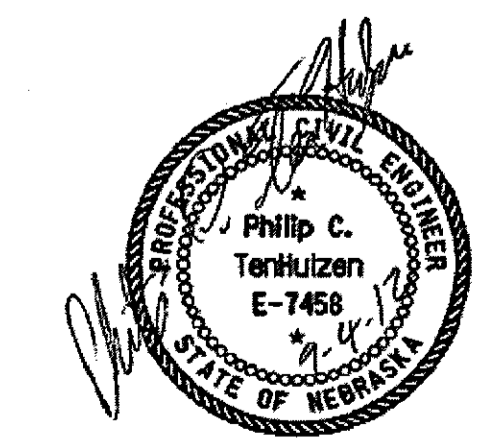
RUMBLE STRIPS MAY BE CONTINUOUS THROUGH ALL DRIVEWAYS AND SHALL BE OMITTED ACROSS INTERSECTING ROADWAYS AND BRIDGES.

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Date: 27-JUN-2013 08:41

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SHEET 1 OF 2



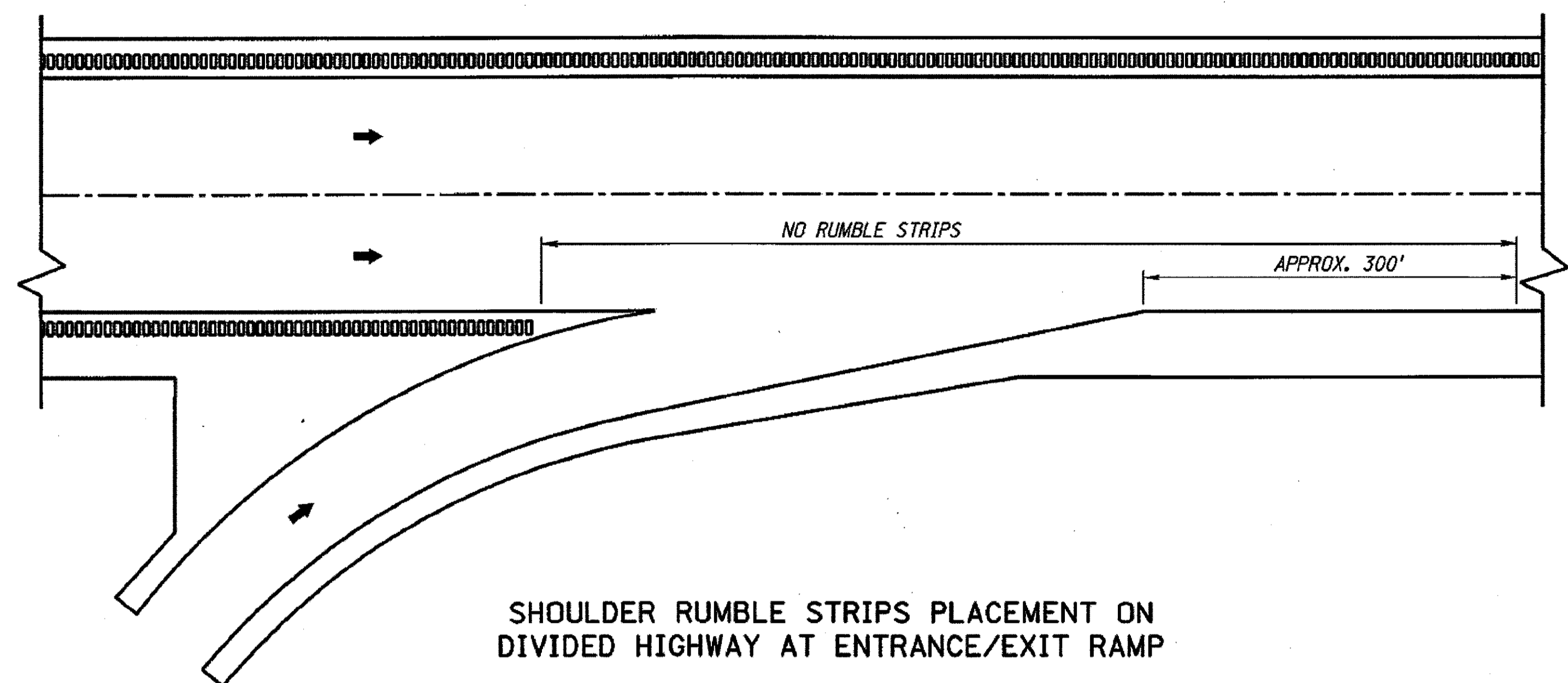
ROADWAY DESIGN DIVISION

Computer: DRDESIGN55

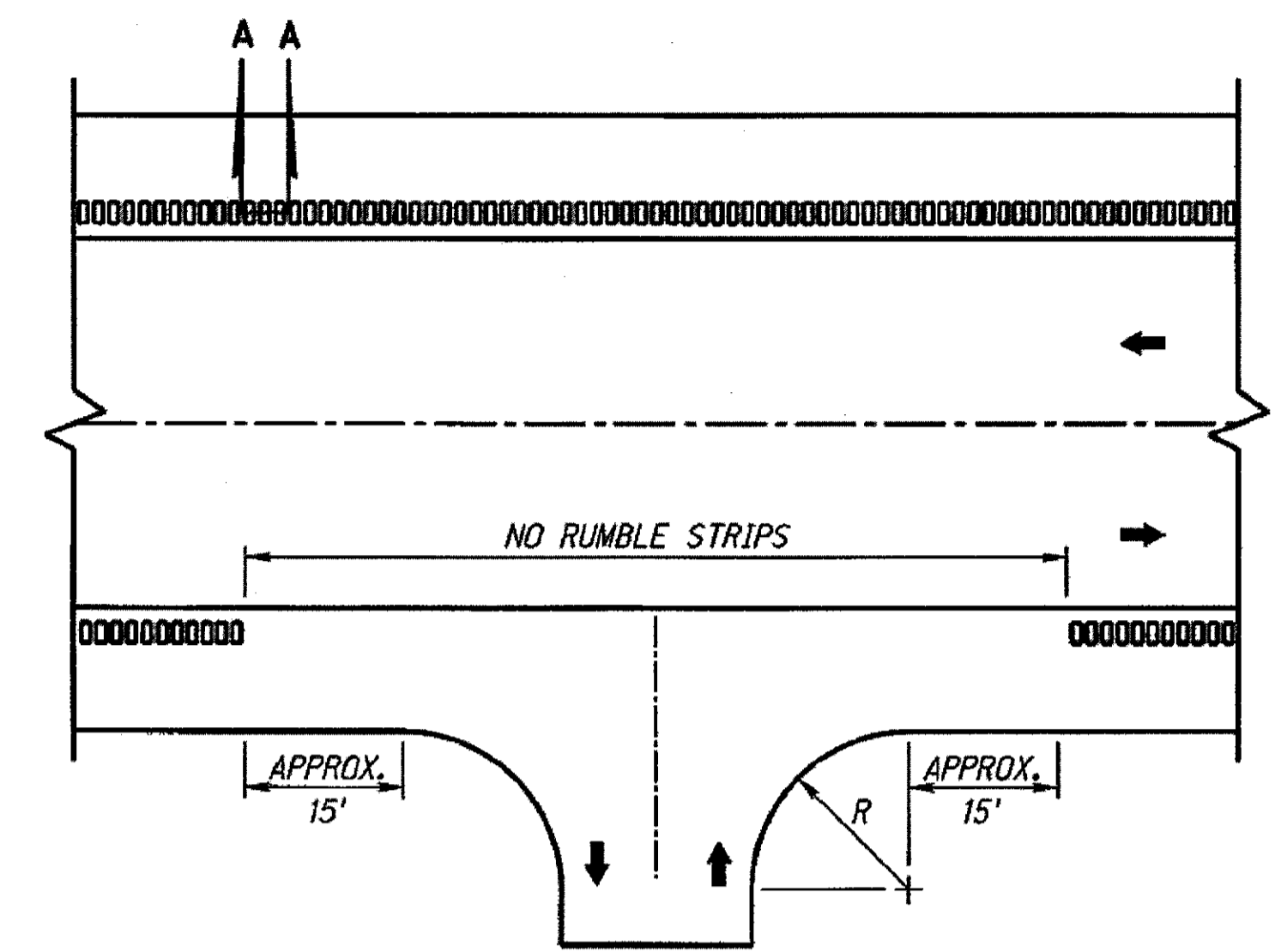
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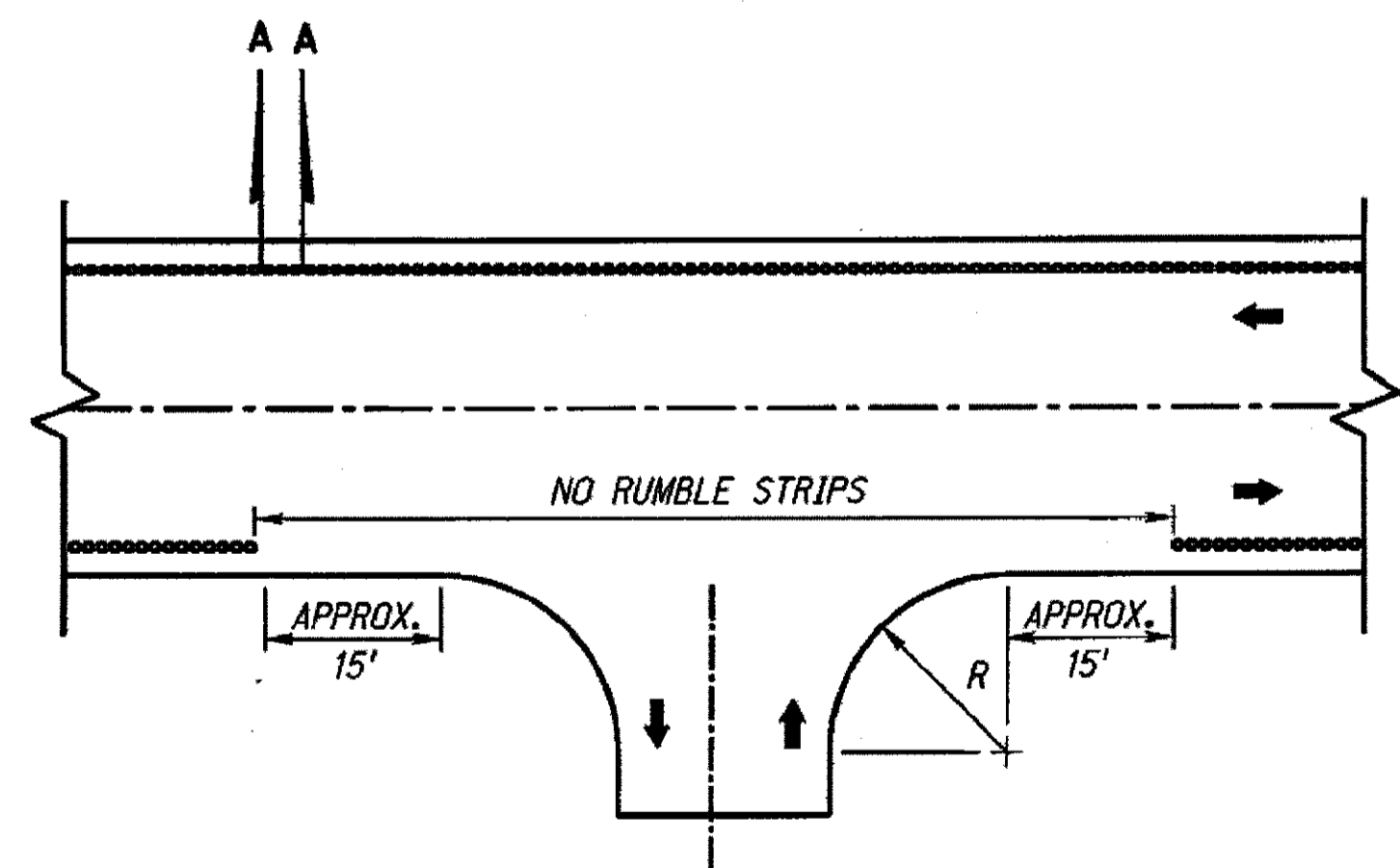
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SHEET 2 OF 3



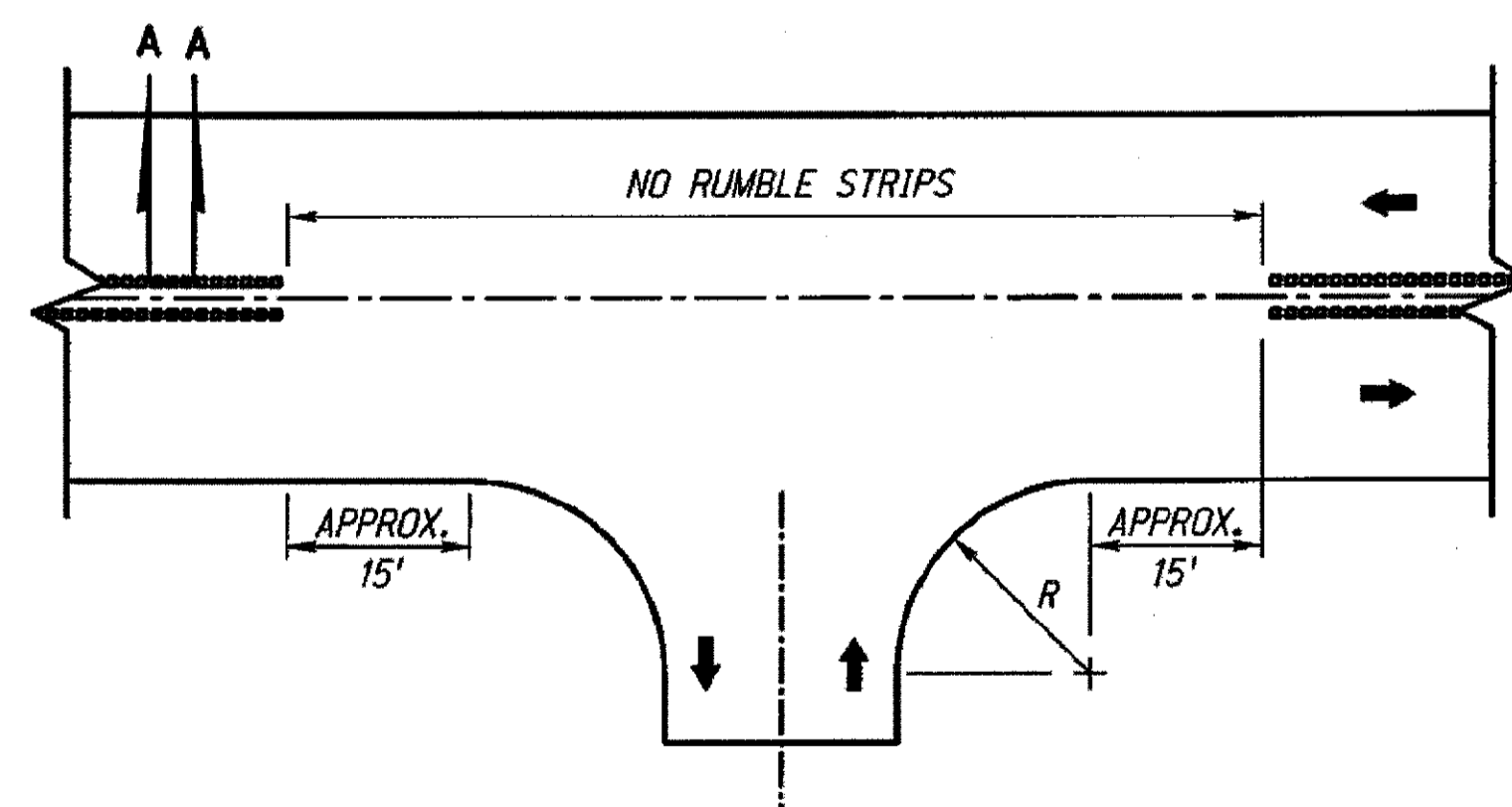
SHOULDER RUMBLE STRIPS PLACEMENT ON DIVIDED HIGHWAY AT ENTRANCE/EXIT RAMP



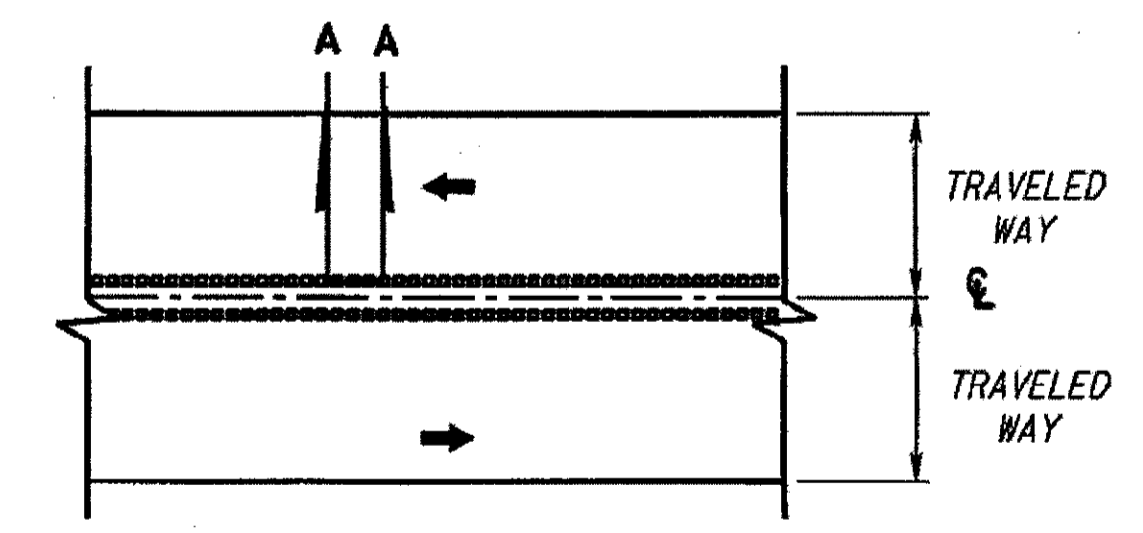
SHOULDER RUMBLE STRIPS PLACEMENT ON 2-LANE HIGHWAY AT INTERSECTION



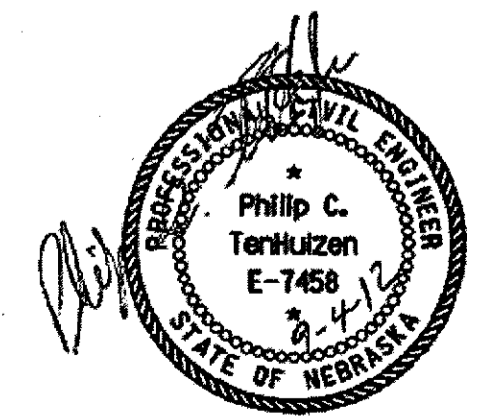
EDGELINE RUMBLE STRIPS PLACEMENT AT INTERSECTION



CENTERLINE RUMBLE STRIPS PLACEMENT AT INTERSECTIONS



CENTERLINE LAYOUT



MILLED RUMBLE STRIPS  
SHEET 2 OF 2  
**SPECIAL PLAN 1C**