UNDERGROUND CROSSINGS OF ROADWAYS

A. NORMAL CUT OR FILL SECTION

B. SECTION WITH DITCH OR CURB

C. SECTION WITHOUT DITCH

FIG. 2
OPEN CUT REPAIR FOR LOW VOLUME

ASPHALT PAVEMENT

2'-0" MIN.

SQUARE VERTICAL EDGE

EXISTING PAVEMENT

2" ASPHALTIC CONCRETE SURFACE COURSE (MINIMUM) OR MATCH EXISTING PAVEMENT THICKNESS WHICHEVER IS GREATER. (12" MAXIMUM)

8" STABILIZED AGGREGATE BASE COURSE

SELECT FILL MATERIAL

ALL FILL MATERIAL SHALL BE COMPACTED TO 95% AASH TO DENSITY.

6" PIPE 6" MIN.

THIS DETAIL IS APPLICABLE WHEN THE PRESENT AVERAGE DAILY TRAFFIC COUNT IS UNDER 2000 V.P.D. AND/OR HEAVY TRUCK TRAFFIC CONSISTING OF 20 TANDEM AXLE TRUCKS OR LESS PER DAY IS PRESENT.
TYPE D TRENCH
UNPAVED ROADWAY

12"

PIPE

6"

6"

STABILIZED AGGREGATE
BASE COURSE

SELECT FILL MATERIAL

ALL FILL MATERIAL SHALL
BECOMPACTED TO 95%
AASHTO DENSITY.

FIG. 3 - B

THIS DETAIL IS APPLICABLE WHEN THE PRESENT AVERAGE DAILY TRAFFIC
COUNT IS UNDER 2000 V.P.D. AND/OR HEAVY TRUCK TRAFFIC CONSISTING
OF 20 TANDEM AXLE TRUCKS OR LESS PER DAY IS PRESENT.
MINIMUM VERTICAL CLEARANCES OF WIRE
ACROSS AND ALONG ROADS
(Rule 232 of National Electrical Safety Code)

*RAISE WIRE 0.4" PER 1,000 V.
FOR LINES OVER 50,000 V.

50,000+ VOLTS
15,000 TO 50,000 VOLTS
750 TO 15,000 VOLTS
0 TO 750 VOLTS
SPAN GUY

CLEARANCES ALONG ROAD
CLEARANCES ACROSS ROAD
TYPICAL PLAN SECTION
DRIVEWAY TIE-IN

ROADWAY CLASSIFICATION: ARTERIAL & MINOR ARTERIAL

PROPERTY LINE

RIGHT-OF-WAY

5 FEET

A

PROPERTY LINE

RIGHT-OF-WAY

5 FEET

A

PROPERTY LINE

RIGHT-OF-WAY

5 FEET

A

PROPERTY LINE

RIGHT-OF-WAY

5 FEET

*WIDTH OF DRIVEWAY

SIDEBAND WIDTH VARIES

2 FEET MINIMUM CURB

GRASSED MEDIAN

GUTTER

MANTAIN GUTTER FLOW LINE

GUTTER

2 FEET MINIMUM CURB

GRASSED MEDIAN

RADIUS (TYPICAL)

90°

3 FEET MINIMUM

90°

3 FEET MINIMUM

3 FEET MINIMUM

90°

*Driveway Width

Minimum Radius

10 - 15 FT  10'

16 - 25 FT  5'

26 - 40 FT  21'

FIGURE 5-A

ALLOWABLE DRIVEWAY WIDTHS:

10 FEET TO 24 FEET - RESIDENTIAL

12 FEET TO 40 FEET - COMMERCIAL

N.T.S.