NOTES

1. BREAK-AWAY TRANSFORMER BASES MAY BE Omitted AND THE POLES MOUNTED DIRECTLY ON THE LIGHT STANDARD FOUNDATION, BUT ONLY WHERE DESIGNATED ON THE PLANS.

2. ALL BREAK-AWAY TRANSFORMER BASES SHALL COMFORM TO MinIMUM STANDARDS SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.

3. LIGHT STANDARD FOUNDATIONS MAY BE PRECAST CONCRETE OR CAST-IN-PLACE CONCRETE.

4. LIGHT STANDARDS SHALL BE WIRED WITH BREAK-AWAY FUSED CONNECTORS AND BE GROUNDED IN ACCORDANCE WITH THE SPECIFICATIONS.

TYPICAL BREAK-AWAY TYPE TRANSFORMER BASE DETAIL

NOTES:

1. HARDWARE SHALL CONFORM TO MANUFACTURER'S REQUIREMENTS.

2. A HAND HOLE IS NOT REQUIRED IN POLE IF A BREAK-AWAY TRANSFORMER BASE IS USED.
1. Dimensions for the transformer base, anchor base, and anchor bolts are variable for the height of the light standard and the exact arm configuration. All components shall fit and accommodate the requirements of the light standard supplied.

2. Foundation shall be 7 ft. for light standards 20 ft. thru 40 ft., and 6 ft. for light standards less than 20 ft.

3. Light standard foundation depth is based on a minimum pole height of 40 ft. in stiff clay with N > 8 or medium sand with N = 15 as determined by ASTM D 1188 Standard Penetration Test.

4. Concrete shall be Class B.

5. Foundations for light standards higher than 40 ft. or light standards with multiple luminaries or banners, or varying soil or wind conditions, shall be designed by the contractor's engineer if not shown on the plans.

6. Where foundation is located in the swale, the top of the foundation shall be flush with the top of the swale to conform to ADA requirements.

Typical Concrete Light Standard Foundation

TYPICAL FOUNDATION SECTION

ALTERNATIVE CONCRETE LIGHT STANDARD FOUNDATION WITH SPlice BOX