Foundations apply only to shapes of 1:4 or flatter.

3000 psi Min., Class I Concrete

20" Pipe Bollard May Be Cast In
Base Or Run Through 2" PVC Elbow

1" Conduit

Conduit Elbow

*3" Box 48" On Center With
Top & Bottom 6" On Center

- 37" Reinforcing Cage

No Welding Permitted On Reinforcing Cage.

Reinforcing Steel To Be Grade 60.

3" Clear

Preserved Or Placed
In Place.

METAL POLE CONCRETE FOUNDATION DETAIL

NOTE

Foundation design based upon the following conservative soil criteria which covers the great majority of soil types found in Florida:

Classification: Cohesionless (Fine Sand)
Friction Angle: 30 Degrees (SD)
Unit Weight: 90 lbs./cu. ft. (assumed saturated)

Only in cases where the Engineer concludes the soil type at the specific site location to be of lesser strength properties should an analysis be required. Auger borings, SPT borings or CPT soundings may be utilized as needed to verify the assumed soil properties, and or selectively perform borings. Furthermore, borings in the area that were performed for other purposes may be used to confirm the assumed soil properties. In any event, only the soil identification is required.

All Splice/sheath wire must be spliced in Pull Box or Pull Box With Compression Sleeves, or Splice Sheath Connections properly taped and weatherproofed.

At all Pull Boxes, and Pole Bases, the conduit shall be seated to align with Section 6.30 of the Standard Specifications for Road and Bridge Construction.

# 12 Bed Of Pea Gravel Or Crushed Stone For Drainage

Approved Ground Connection

PULL BOX WIRING DETAIL

Ground Rod

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROADWAY LIGHTING DETAILS