



TOP VIEW
REINFORCEMENT LAYOUT

STANDARD PULL BOX NOTES:

1. FOR APPLICATIONS NOT COVERED IN THIS STANDARD DETAIL THE CONTRACTOR SHALL REFER TO SECTIONS 630 AND 635 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. PULL BOXES SHALL HAVE AN OPEN BOTTOM. PULL BOX MATERIAL SHALL BE HEAVY DUTY COMPOSITE REINFORCED POLYMER CONCRETE WITH A MINIMUM ANSI TIER 22 RATING COVER STAMPED; TRAFFIC SIGNAL. TWO BOLTS, NON METAL.
3. ALL PULL BOXES SHALL BE PROVIDED WITH CONCRETE APRONS WHEN NOT LOCATED WITHIN SIDEWALK. APRON SHALL BE FLUSHED WITH FINISHED GRADE AND 3,000 PSI STRUCTURAL CLASS 1 CONCRETE. THE COST OF THE APRON IS TO BE INCLUDED IN THE COST OF FURNISH AND INSTALL PULL BOX.
4. PULL BOX SHALL NOT BE PLACED IN PEDESTRIAN RAMPS. PULL BOXES SHALL NOT BE LOCATED AT THE BOTTOM OF ANY DITCH OR RETENTION AREA/POND OR ANY OTHER LOW-LYING LOCATION WITH POOR DRAINAGE. PULL BOXES INSTALLED ALONG A SLOPED SURFACE SHALL MATCH THE SLOPE OF THE EXISTING SURFACE OUTSIDE OF LIMITS OF CURB RAMP.
5. PULL BOXES SHALL BE PLACED 4' FROM FACE OF CURB. IF THERE IS NO CURB, THEN PULL BOXES SHALL BE PLACED AT LEAST 10' FROM THE EDGE OF PAVEMENT.
6. WHEN PULL BOXES ARE INSTALLED IN EXISTING SIDEWALKS, THE ENTIRE FLAG OF SIDEWALK WILL BE RELOCATED. THIS COST IS INCLUDED IN THE PULL BOX PRICE.
7. WHEN TRENCHING, INSTALL WARNING TAPE, 3' WIDE MARKED "CAUTION TRAFFIC SIGNAL CABLE BURIED BELOW", 1' FROM FINISHED GRADE.
8. MAXIMUM NUMBER OF CONDUIT INTO PULL BOX SHALL BE 6.

FIBER OPTIC PULL BOXES:

1. SHALL BE SPACED AT A DISTANCE OF 1000 FEET +/- 50 FEET OR AT A DISTANCE AGREED BY THE COMMUNICATION'S MANAGER.
2. SHALL BE A MINIMUM OF 10' FROM CURB RADIUS AND DRIVEWAY ENTRANCES, RIGHT-OF-WAY PERMITTING.
3. SHALL BE "HEAVY DUTY", NON-METALLIC, OF POLYMER MATERIAL, WITH AN OPEN BOTTOM AND RATED FOR A STATIC DESIGN LOAD OF AT LEAST 22,000 LBS. OVER A 10" SQUARE AREA.
4. COVER (LID) SHALL BE HEAVY DUTY WITH A MINIMUM ANSI TIER 22 RATING, OF POLYMER MATERIAL AND SHALL BE FLUSH SEATED.

CONDUIT NOTES:

1. ENDS OF CONDUIT SHALL BE SEALED WITH THE DUCT SEAL. ALL CONDUIT MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 630-2 OF THE FDOT MINIMUM SPECIFICATIONS FOR TRAFFIC CONTROL SIGNAL DEVICES (MSTCSD).
2. DO NOT PLACE MORE THAN THE EQUIVALENT OF THREE QUARTER BENDS OR 270 DEGREES OF BENDS, INCLUDING THE TERMINATION BENDS, BETWEEN THE TWO POINTS OF TERMINATION IN THE CONDUIT, WITHOUT A PULL BOX.
3. INSTALL A 12 AWG PULL WIRE IN ONE SPARE CONDUIT AND A GREENLEE #4435 1/2" WOVEN POLYESTER MULE TAPE® OR EQUIVALENT IN THE OTHER SPARE CONDUIT(S), AS APPROVED BY THE EOR. ALL UNDERGROUND CONDUITS SHALL BE HDPE SDR 11 OR PVC SCHEDULE 40, GRAY ELECTRICAL GRADE, EXCEPT FOR FIBER OPTIC CONDUIT WHICH SHALL BE ORANGE, OR AS INDICATED IN THE PLANS.
4. EACH SIGNAL CONDUIT SHALL BE A MINIMUM 2" IN DIAMETER AND MEET NEC REQUIREMENTS.
5. ALL REFERENCES IN THE PLAN TO RIGID CONDUIT SHALL BE INSTALLED AS GALVANIZED STEEL METAL CONDUIT.

REVISIONS	
DATE	DESCRIPTION
11-02-2016	N/A



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**TYPICAL SIGNAL PULL BOX
AND CONDUIT DETAILS**