



CITY OF FORT WAYNE

THOMAS C. HENRY, MAYOR

City of Fort Wayne Street Light Standards Residential Developments

Coachman / Town and Country Luminaire:

LED light fixtures and poles shall be installed (as a minimum) in each Cul-de-sac and at every intersection. LED light fixtures shall be American Electric 247CL P153 MVOLT 30K R3 BK SCC NR NL1X1 L1H or Leotek PTC-S-F-TA-30J-MV-30K-3-BK-C. Provide “R5” distribution light fixtures at intersections and center islands. Provide “R3” distribution light fixtures at all other locations.

POLE:

Poles for Coachman style luminaires in residential areas shall be 16' direct bury fiberglass type. Fiberglass poles shall be Shakespeare brand model #BS16-01-S1-BE-1.5.

Poles shall be backfilled with #53/73 crushed limestone to a depth no greater than 12” below finish grade, compacted in lifts. The top 12” of backfill may be spoil or topsoil.

Install pole identification labels at 6'-0” above grade on side of pole facing street. Labels provided by City.

WIRE:

3C/6 XHHW-2 tray cable or THWN/THHN (Latter two must be labeled “UV resistant”).

No wire terminations or splices shall be allowed in bore tube or conduit. All terminations and splices shall be inside of light poles or in approved handholes. Terminations inside poles shall be either pre-approved split bolts wrapped in 33 vinyl tape over rubber tape, or Burndy brand YHO-1 crimps wrapped in 33 vinyl tape over rubber tape, with plastic covers. Terminations in hand holes shall use a pre-approved waterproof method.

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BORE TUBE / CONDUIT:

1.5" OR 2" HDPE shall be Blue Diamond SDR 11 - 13.5 or approved equal and shall meet ASTM F-2160. Tube shall be placed at a depth of 24" unless otherwise directed.

Schedule 80 PVC conduit may be used in lieu of bore tube. PVC conduit joints shall be joined with "grey" PVC adhesive. All joints shall be cleaned and primed prior to assembly. Conduit shall be placed at a depth of 24" unless otherwise directed.

SERVICE POINTS:

Lighting contactor and photocell controller shall be Ripley Lighting Controls 30 amp 2 pole part #CC302NOEISWPL1C1 or 60 amp 2 pole part #CC602NOEISWPL1C1.

REMC service points shall include a blank meter base including a metallic blank cover.

A minimum of 10 LFT of bore tube and wire shall be placed on the line side of the service to allow for terminations at the transformer by utility personnel.

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