

CITY STREET LIGHTS

CITY STREET LIGHTS USED IN RESIDENTIAL AREAS ARE TO BE MANUFACTURED BY HOLOPHANE. THEY ARE TO HAVE THE GRANVILLE SERIES LUMINAIRES LEAF STYLE HOUSING TYPE B WITH THE CHESAPEAKE SERIES CAST ALUMINUM TYPE A POST CP 12C/18, 12' HIGH, CA/DG CAST ALUMINUM, DARK GREEN. SPACING IS TO BE AT 100' ALTERNATING SIDES OF THE STREET (200' SPACING ON EACH SIDE) USING A CREE, 65 WATT, 4000K COLOR TEMPERATURE LED SYSTEM WITH A VOLTAGE RANGE OF 120-277V (BXRAAA53-UD7) AND RS/GFI/WPC RECEPTACLE LOCATED TOWARDS THE TOP OF THE POST.

CITY STREET LIGHTS USED IN THE URBANA CORRIDOR OVERLAY DISTRICT AND HERITAGE OVERLAY DISTRICT ARE TO BE MANUFACTURED BY HOLOPHANE. THEY ARE TO HAVE THE GRANVILLE SERIES LUMINAIRES LEAF STYLE HOUSING TYPE B WITH THE CHESAPEAKE SERIES CAST ALUMINUM TYPE A POST CP 12C/18, 12' HIGH, CA/DG CAST ALUMINUM, DARK GREEN. SPACING IS TO BE AT 75' ALTERNATING SIDES OF THE STREET (150' SPACING ON EACH SIDE) USING A CREE, 65 WATT, 4000K COLOR TEMPERATURE LED SYSTEM WITH A VOLTAGE RANGE OF 120-277V (BXRAAA53-UD7) AND RS/GFI/WPC RECEPTACLE LOCATED TOWARDS THE TOP OF THE POST. THE POSTS ARE TO INCLUDE A TYPE A BBA 24H/1/BO BREAKAWAY BANNER ARM WITH EB/BO EYEBOLT CA/DG CAST ALUMINUM, DARK GREEN.

CITY MAST ARM SUPPORTS

ALL NEW TRAFFIC SIGNALS SHALL BE SUPPORTED USING ODOT TC-81.20 STANDARD MAST ARMS, DESIGNED BY SIZE, AND PAINTED WITH THE INTERIOR AIR SPRAYED WITH A RUST INHIBITIVE WAX BASE COATING. THE OUTSIDE SHALL BE SANDBLASTED TO SSPC-SP6 COMMERCIAL BLAST CLEANING AND PRIMED WITH A HI-BUILD PRIMER AT 3-4 MILS DRY FILM. THE OUTSIDE SHALL HAVE A FINISH COAT OF POLYESTER POWDER COAT SYSTEM 1-2 MILS DRY FILM. COLOR IS TO BE DARK GREEN MANUFACTURED BY TIGER DRYLAC, CATALOG #RAL 6005.

CITY TRAFFIC SIGNAL AND PEDESTRIAN HEADS

ALL NEW SIGNAL HEADS SHALL BE YELLOW PLASTIC HOUSING WITH 12" LED AND GLASS LENS AS MANUFACTURED BY GELCORE. ALL NEW PEDESTRIAN SIGNAL HEADS ARE TO BE TYPE A2 BLACK ALUMINUM HOUSING USING INTERNATIONAL SYMBOLS. ALL BRACKET ARMS AND MOUNTING MATERIALS ARE TO BE PAINTED WITH TIGER DRYLAC, CATALOG #RAL 6005, DARK GREEN TO MATCH THE MAST ARMS AS DESCRIBED ABOVE.

CITY TRAFFIC SIGNAL CONTROLLER AND CONFLICT MONITOR

ALL NEW TRAFFIC SIGNAL CONTROLLERS ARE TO BE ASC/25-1000 NEMA 2, TYPE 1 CONTROLLERS AS MANUFACTURED BY ECONOLITE. ALL CONFLICT MONITORS ARE TO BE EDI MMU-16E.

LOOP DETECTOR UNITS

ALL NEW LOOP DETECTOR UNITS SHALL BE POWERHEAD TWO CHANNEL, DELAY AND EXTENSION TYPE.

TRAFFIC CONTROL DEVICES, STREET SIGNS, AND POSTS

ALL NEW TRAFFIC CONTROL DEVICES SHALL BE PER THE LATEST REVISION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION. ALL SIGN POSTS SHALL BE STANDARD STEEL POSTS UNLESS OTHERWISE APPROVED BY THE CITY. STREET NAME SIGNS SHALL BE 6" HIGH, WHITE IN COLOR WITH 4" BLACK UPPERCASE AND LOWERCASE LETTERING AS SHOWN BELOW. 8" HIGH SIGNS SHALL BE USED ON WIDER OR FASTER ROADS PER THE ODOTCD.



CITY BENCHES

CITY BENCHES ARE TO BE MANUFACTURED BY DUMOR, INC., TYPE #119-60, 6' BENCH, COLOR #30-6387 HUNTER GREEN.

CITY TRASH RECEPTACLES

CITY TRASH RECEPTACLES ARE TO MANUFACTURED BY DUMOR, INC., #84-32, 32 GALLON, COLOR #30-6387 HUNTER GREEN.

DEMOLITION PERMIT REGULATIONS

DEMOLITION PERMIT SHALL BE OBTAINED FROM THE CHAMPAIGN COUNTY BUILDING REGULATIONS.