

STREET LIGHTING GENERAL NOTES

STREET LIGHTING GENERAL NOTES

1. BRACKET ARMS SHALL BE TRUSS-STYLE TYPE AND SHALL BE DESIGNED IN ACCORDANCE WITH THE 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS AND ITS LATEST REVISIONS.

2. STREET LIGHT ASSEMBLIES SHALL BE PAINTED FLAT BLACK AND HAVE FLAT BLACK HOUSINGS. FINISHES SHALL BE PER SECTION 679 OF THE LATEST SPECIFICATIONS FOR CONSTRUCTION.

3. LUMINAIRES

A. LUMINAIRES SHALL BE ONE OF THE FOLLOWING ONLY:

1. BETA LEDWAY IP-SERIES
2. HOLOPHANE LEDGENDS SERIES
3. LRL LED SAT-96M SERIES

B. NO SUBSTITUTIONS FOR LUMINAIRES SHALL BE ALLOWED.

C. ALL LUMINAIRE HOUSINGS SHALL BE EQUIPPED WITH BIRD SPIKES.

4. WIRING AND GROUNDING

A. CIRCUIT CONDUCTORS SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY LIGHT POLE AND HANDHOLE.

B. ALL CONDUIT MUST INCLUDE A GROUNDING CONDUCTOR. RIGID STEEL CONDUIT SHALL BE PROPERLY CONNECTED AT THE JOINTS SO AS TO BE WATERTIGHT AND MAINTAIN ELECTRICAL CONTINUITY AND HAVE GROUNDING BUSHINGS SO AS TO ACT AS A GROUNDING CONDUCTOR.

C. THE GROUNDING CONDUCTOR SHALL BE CONTINUOUS.

D. ALUMINUM WIRE SHALL NOT BE USED FOR GROUND WIRE.

5. STREET LIGHTING CONTROL DEVICE

A. ASTRONOMICAL CLOCKS SHALL BE ONE OF THE FOLLOWING OR APPROVED EQUAL:

1. TORK EWZ SERIES
2. INTERMATIC ET 800 SERIES
3. PARAGON EC SERIES

B. STREET LIGHTING EQUIPMENT SHALL BE WIRED SUCH THAT ONE CONTROL DEVICE COMMANDS THE FUNCTIONS ASSOCIATED WITH POWERING UP AND DOWN ALL LUMINAIRES.

6. SEE STANDARD DRAWINGS T-133 AND T-134 FOR ADDITIONAL INFORMATION.

PROJECT NAME: SOUTH BURLINGTON-WILLISTON
PROJECT NUMBER: NH 2944(I)

FILE NAME: zild340details.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
STREET LIGHTING GENERAL NOTES

PLOT DATE: 2/15/2017
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 120 OF 249

