

Town of Hartwick (Additional Scope-LED Street Lighting)

Location: Route 11 and Route 205

Recommendation: Install wood pole on adjacent corner to existing fixture at the intersection of Route 11 and Route 205. (Red X in pictures below indicates approximate location where pole should be placed). Install a Philips - RFM-72W32LED3K-G2-R3M-UNV-DMG-API-RCD7-GY3 Cobra Head and an 8ft arm.



Location: Sidewalk in front Deb Taylors near 4 corners on Route 11 West

Recommendation: Install a

Philips - RFM-72W32LED3K-G2-R2M-UNV-DMG-API-RCD7-GY3 Cobra Head and an 8ft arm.

Install on existing wood pole, pole#933/17. (Pole location indicated by Red X in picture below).



Location: Route 11, West of Gloria's store

Recommendation: Install a Philips - RFM-72W32LED3K-G2-R2M-UNV-DMG-API-RCD7-GY3 Cobra Head and an 8ft arm. Install on existing wooden pole (Pole location indicated by Red X in picture below).



Location: Route 11 West just before Weeks Rd

Recommendation: Install a Philips - RFM-72W32LED3K-G2-R2M-UNV-DMG-API-RCD7-GY3 Cobra Head and (2) 8ft arms. Install on existing wooden poles (Pole locations indicated by the Red X's in picture below). A measurement is also provided in the picture below to show installing 2 fixtures would make the spacing in between fixtures 150ft apart. This specific spacing is one of the standards set by the Illuminating Engineering Society (IES) regarding appropriately luminating a roadway.



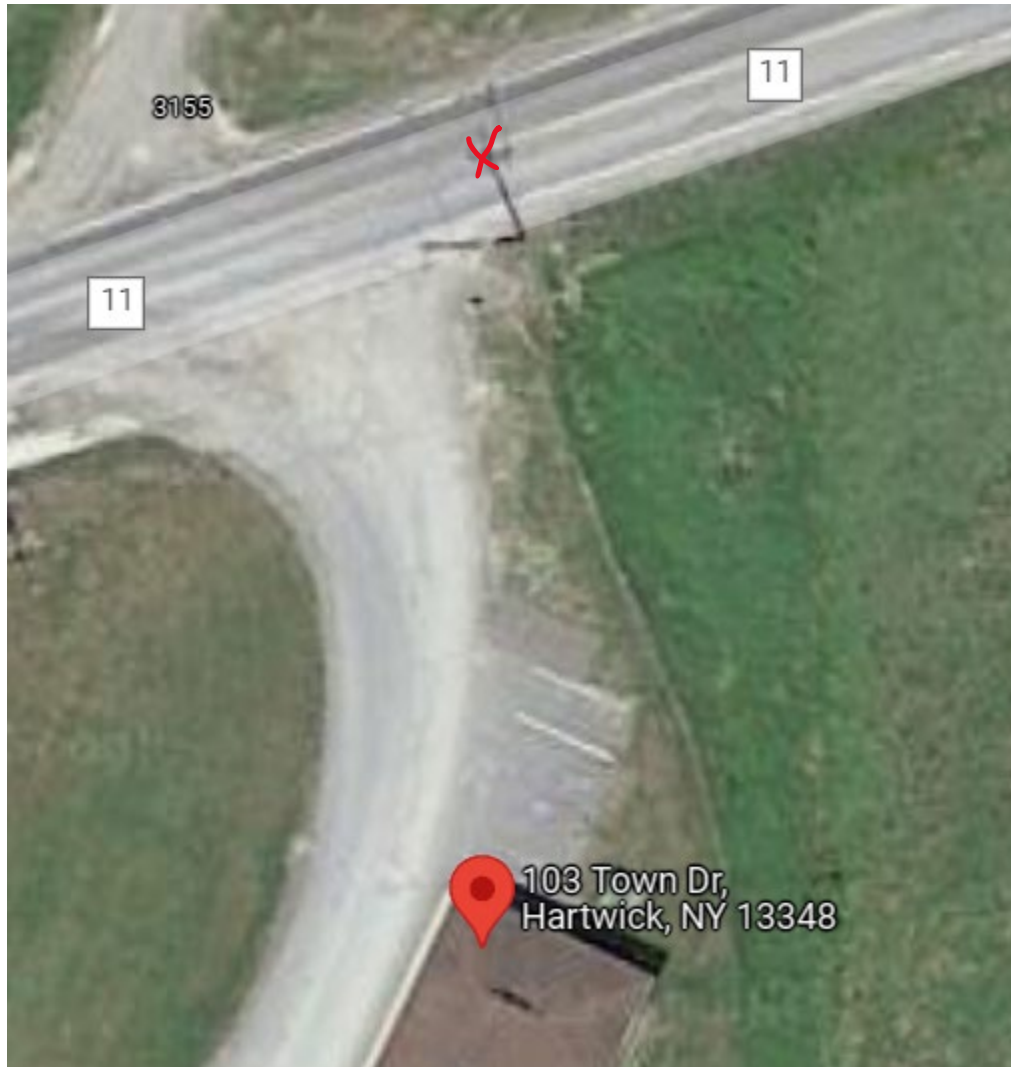
Location: North on Route 205 South

Recommendation: Install (2) - Philips - RFM-55W32LED3K-G2-R2M-UNV-DMG-API-RCD7-GY3 Cobra Head and (2) - 8ft arms. Install on existing wooden pole, poles #'s 934-4 and 934-6 (Pole locations indicated by Red X in picture below).



Location: Town Drive and Route 11

Recommendation: Install a Philips - RFM-55W32LED3K-G2-R3M-UNV-DMG-RCD7 Cobra Head and an 8ft arm. Install on existing wooden pole (Pole location indicated by Red X in picture below).



Location: Wells Avenue

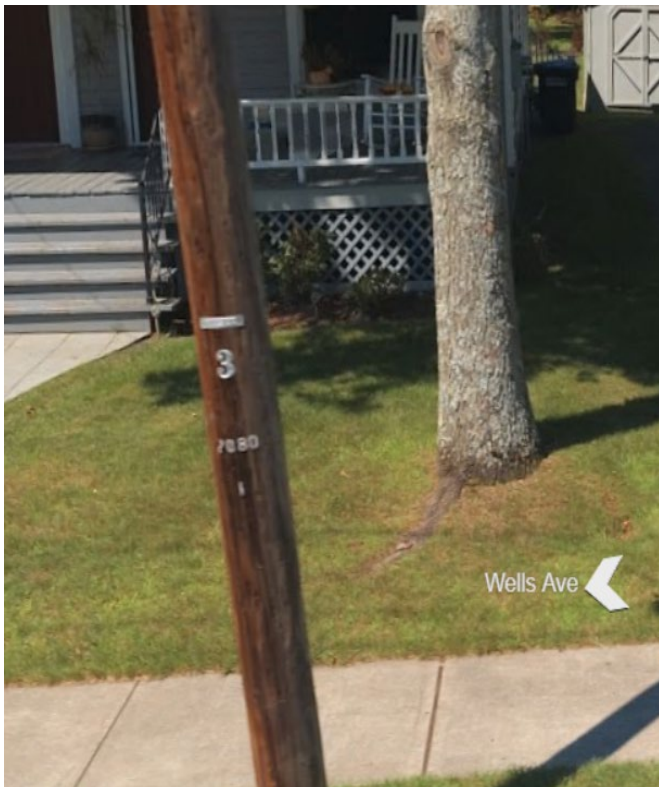
Recommendation: Install (2) - Philips - RFS-45W16LED3K-G2-R2M-UNV-DMG-RCD7 Cobra Heads and (2) - 8ft arms. Install on existing wooden pole, pole #'s 080-3 and 3 (pole locations indicated by Red X's in picture below and pictures of the addresses of pole locations also included on the following page).



Address: 13 Wells Ave



Address: 5 Wells Ave



Location: Wells Park

Recommendation: Install a RSXF2 LED P2 30K AWFD (111W) Flood Light on existing wood pole, fixture facing playground and basketball court. (Please see pictures of pole number and location below).



Location: Earls Road (Does not appear on towns existing utility bills)