

Newton Manor Streetlight Diagram/Information

Information

SMECO needs the following from Newton Manor: A SMECO account established under "Newton Manor HOA." Provide BOD list with names (they understand these will change). A formal request to have street lighting installed with preferred light style (4 options). Colonial Post Top Light is most popular (lowest cost). They already have Declaration of Incorporation and Tax ID number.

SMECO email address: csrequest@smeco.coop

Regional Service: 888-440-3311 x8282

Regional Engineer: Charlie Herbert (240)528-9705

Cost

Each light has a rental cost per month. This cost includes the power use for the light.

If light is installed adjacent (within 5') to transformer, there is no installation cost.

If trenching is needed, \$11.49/foot is charged. One time cost.

If boring is needed, \$14.22/foot is charged. One time cost.

Recommendations

BOD submit request to County allowing installation within the roadway right of way. If approved, this action is recorded in county files. This action relieves HOA and SMECO of any cost associated with moving the lights if future road widening is necessary. It is not anticipated any of the roadways in Newton Manor will be expanded, based on surrounding properties. This can be confirmed with the county.

Options using Colonial Post Top Light cost

1. Do nothing.

No cost. Walkers, joggers, and school age children at risk during longer periods of darkness.

2. Install lights at all electrical transformers and at intersections. Moderate cost. 15 lights of the HOA choice will be installed in close proximity of electrical transformers. Two of the lights would be aligned to cover the intersections of Pappys Way/Mary Beth Ct. and Pappys Way/Charity Ct. Those locations would require SMECO to trench/bore to the intended site of installation.

Lower cost if lights are installed adjacent to the transformer.

Estimated Cost: ~\$2340.00 annually with a one-time cost of ~\$2683.05.

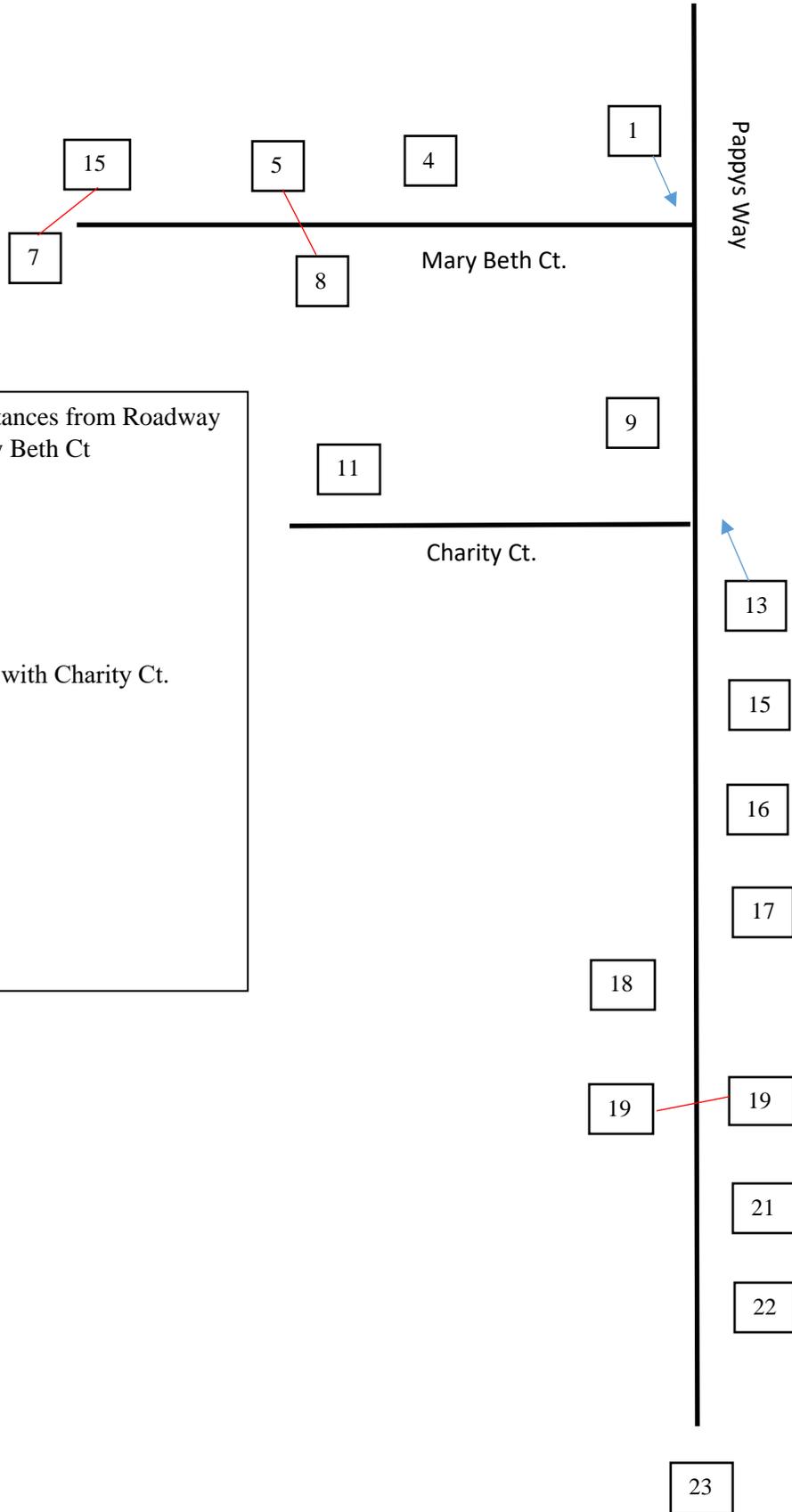
Higher cost if lights are approved in the roadway right of way (improved road lighting).

Estimated Cost: ~\$2340.00 annually with a one-time cost of ~\$5475.12.

3. Install lights for full light coverage, SMECO installs at 80' increments. 12 lights on Mary Beth Ct, 5 lights on Charity Ct, 47 lights on Pappys Way (64 total).

Estimated Cost: ~\$9984.00 annually. One time cost would include any Trenching/Boring necessary to install the lights.

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- Transformer distances from Roadway
 1-90' from Mary Beth Ct
 4-17'
 5-15'
 15-16'
 7-23'
 8-16'
 9-18'
 13-120' to align with Charity Ct.
 15-22'
 16-20'
 17-18'
 18-17'
 19-12-19'
 19-17'
 21-15'
 22-22'
 23-28'