Index 17502 High Mast Lighting (Rev. 11/16)

Design Criteria


Design Assumptions and Limitations


Poles are designed for up to a 6 mil galvanization thickness.

Foundations are based upon the following conservative soil criteria (which covers the majority of soil types found in Florida)

- Classification = Cohesionless (Fine Sand)
- Friction Angle = 30 degrees
- Unit Weight = 50 pcf (Submerged)

Only in cases where the Designer considers the soil types at the specific site location to be of lesser strength properties should an analysis be required. Auger borings, SPT borings or CPT soundings may be utilized as needed to verify the assumed soil properties, and at relatively uniform sites, a single boring or sounding may cover several foundations. Furthermore, borings in the area that were performed for other purposes may be used to confirm the assumed soil properties.

Plan Content Requirements

See PPM Volume 2, Chapter 25.

Payment

<table>
<thead>
<tr>
<th>Item number</th>
<th>Item description</th>
<th>Unit Measure</th>
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<tbody>
<tr>
<td>715-19-ABC</td>
<td>High Mast Light Pole, Complete</td>
<td>EA</td>
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