**LUMINARE MAST ARM DATA**

<table>
<thead>
<tr>
<th>W</th>
<th>LENGTH</th>
<th>N</th>
<th>RISE</th>
<th>MIN. THickness</th>
<th>NOMINAL THickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>15'-0&quot;</td>
<td>4'-0&quot;</td>
<td>12&quot;</td>
<td>4&quot;</td>
<td>0.196&quot;</td>
<td>0.219&quot;</td>
</tr>
<tr>
<td>20'-0&quot;</td>
<td>2'-0&quot;</td>
<td>5&quot;</td>
<td></td>
<td>0.179&quot;</td>
<td>0.193&quot;</td>
</tr>
</tbody>
</table>

**POLE DATA**

<table>
<thead>
<tr>
<th>POLE EXTENSION TYPE</th>
<th>HEIGHT &quot;H&quot;</th>
<th>MIN. OD</th>
<th>TAPERED TOLERANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASE</td>
<td>5</td>
<td>5'-0&quot;</td>
<td>5%</td>
</tr>
<tr>
<td>TOP</td>
<td>10</td>
<td>10'-0&quot;</td>
<td>5%</td>
</tr>
</tbody>
</table>

**NOTES:**

1. The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
2. Bolt hole locations may vary at the discretion of the Engineer.
3. For Wind Loading see Revised Standard Plans RSP ES-7M.
4. See Std Plan 513.
5. Materials (Structural Steel):
   - FY = 55,000 psi tapered steel tube (pole)
   - FY = 50,000 psi unless otherwise noted.

**STANDARD PLAN ES-6C DATED OCTOBER 30, 2015 - PAGE 451 OF THE STANDARD PLANS BOOK DATED 2015.**

---

**ELECTRICAL SYSTEMS**

(LIGHTING STANDARD, TYPES 5 AND 10, OVERHEAD SIGN MOUNTED)

**REVISED STANDARD PLAN RSP ES-6C**

© 2018 California Department of Transportation
All Rights Reserved

---

**STATE OF CALIFORNIA**

DEPARTMENT OF TRANSPORTATION

April 20, 2018

Stanley P. Johnson

REGISTERED CIVIL ENGINEER
C57793