OVERHEAD SIGN LIGHTING DETAILS
(LED -- BRIDGE MOUNTED)

NOTES:

Conduit: All conduit is to be Schedule 40 PVC.PVC.

Bending: All conduit is to be Schedule 40 PVC. PVC.

Load Center: All load centers are to be mounted on the structure and are to be accessible for maintenance.

Luminaires: All luminaires are to be LED. LED luminaires are to be mounted on the structure and are to be accessible for maintenance.

Optics: All optics are to be LED. LED optics are to be mounted on the structure and are to be accessible for maintenance.

Conduit: All conduit is to be Schedule 40 PVC. PVC.

Banding: All conduit is to be Schedule 40 PVC. PVC.

Numerical Conduits:

<table>
<thead>
<tr>
<th>Number of Conductors</th>
<th>Feeder Conduit Sizes and Number of Conductors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/2 inch Schedule 40 PVC 2</td>
</tr>
<tr>
<td>2</td>
<td>3/4 inch Schedule 40 PVC 4</td>
</tr>
<tr>
<td>3</td>
<td>1 inch Schedule 40 PVC 6</td>
</tr>
<tr>
<td>4</td>
<td>1-1/2 inch Schedule 40 PVC 8</td>
</tr>
<tr>
<td>5</td>
<td>1-1/2 inch Schedule 40 PVC 10</td>
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<tr>
<td>6</td>
<td>1-1/2 inch Schedule 40 PVC 12</td>
</tr>
<tr>
<td>7</td>
<td>1-1/2 inch Schedule 40 PVC 14</td>
</tr>
<tr>
<td>8</td>
<td>1-1/2 inch Schedule 40 PVC 16</td>
</tr>
<tr>
<td>9</td>
<td>1-1/2 inch Schedule 40 PVC 18</td>
</tr>
<tr>
<td>10</td>
<td>1-1/2 inch Schedule 40 PVC 20</td>
</tr>
<tr>
<td>11</td>
<td>1-1/2 inch Schedule 40 PVC 22</td>
</tr>
<tr>
<td>12</td>
<td>1-1/2 inch Schedule 40 PVC 24</td>
</tr>
<tr>
<td>13</td>
<td>1-1/2 inch Schedule 40 PVC 26</td>
</tr>
</tbody>
</table>

End View

Bridge barrier wall

Luminaires

Conduit body

Load Center

Ground Rod Detail

Load Center Detail

End View

Circuit no. 1

Circuit no. 2

Circuit no. 3

Load Center

Ground Rod Detail

Banding: Use banding as shown in the plans.

From the load center to the closest luminaire, use the size and number of conductors as shown in the plans.

NOTES:

1. Install the number of luminaires shown in the plans unless the appropriate shop drawings require a different number. Then install that number of luminaires.

2. Use conduit sizes shown in the conduit size table.

3. From the load center to the closest luminaire, use the size and number of conductors as shown in the plans.

4. In case of multiple luminaires, connect the conductors as shown in the plans.

5. Use banding as shown in the plans.

6. Use conduit body as shown in the plans.

7. Use load center as shown in the plans.

8. Use ground rod detail as shown in the plans.

9. Use luminaire detail as shown in the plans.

10. Use I-beam walkway detail as shown in the plans.

11. Use band conduit detail as shown in the plans.

12. Use sign detail as shown in the plans.

13. Use sign mounting detail as shown in the plans.

14. Use north Dakota Department of Transportation"

This document was originally issued and sealed by
Roger WEigel,
Registration Number PE-2939,
on 10-17-2017 and the original document is stored at the
North Dakota Department of Transportation.