**Plan - Expansion Joint Device**

**Description:**
- **Joint Details:**
  - Expansion Joint Device
  - Cover Plate

**Details:**
- **Section D - D:**
  - Plan Through Expansion Joint
  - Expansion Joint Details
  - Expansion Joint Cover Plate

**Notes:**
- The expansion joint device shall be of a type that includes a continuous seal and shall be compatible with the existing bridge deck, barriers, etc. It shall be installed in accordance with the manufacturer's recommendations subject to written agreement and the approval of the Engineer.

- The end terminations of the joint device to conform to the centerline of the bridge deck, barriers, etc. It shall be installed in accordance with the manufacturer's recommendations subject to written agreement and the approval of the Engineer.

- The joint device shall be shop fabricated to conform to the contour of the bridge deck, barriers, etc. It shall be installed in accordance with the manufacturer's recommendations subject to written agreement and the approval of the Engineer.

- The total movement noted on the plans shall be considered and may be used if approved by the Engineer.

- Materials:
  - Elastomeric Concrete Anchor Bar
  - Anchor Bar

**Table:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Date</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expansion Joint</td>
<td>06-16-2014</td>
<td>1</td>
</tr>
<tr>
<td>Cover Plate</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Addresses:**
- D.S. Brown Co.

**Notations:**
- The details on this sheet show an approved means of terminating the expansion joint device.
- The cost of all materials and labor required for proper installation of the expansion joint device, including the concrete anchor bar, shall be considered and may be used if approved by the Engineer.

**Classes:**
- Material
- Installation Details
**Expansion Joint Device**

**Notes:**

1. The expansion joint device shall be one that provides a continuous flexible joint over the entire width of the travel lane. The expansion joint device shall be installed in accordance with the manufacturer's recommendations. The manufacturer's recommendations shall be considered and may be used as the basis for the design and construction.

2. The expansion joint device shall also be designed and constructed in accordance with the applicable codes and standards.

3. The expansion joint device shall be installed in accordance with the manufacturer's instructions. The manufacturer's instructions shall be considered and may be used as the basis for the design and construction.

4. The expansion joint device shall be installed in accordance with the applicable codes and standards.

5. The expansion joint device shall be installed in accordance with the manufacturer's instructions. The manufacturer's instructions shall be considered and may be used as the basis for the design and construction.

6. The expansion joint device shall be installed in accordance with the applicable codes and standards.

**Fabrication and Installation:**

The expansion joint device shall be fabricated and installed in accordance with the manufacturer's recommendations. The manufacturer's recommendations shall be considered and may be used as the basis for the design and construction.

**Details at Curbs and Barriers:**

Details at curbs and barriers shall be considered and may be used as the basis for the design and construction.

**Materials:**

The materials of all materials and labor required for proper installation of the expansion joint device shall be determined in accordance with the applicable codes and standards.

**Details at Sidewalks:**

Details at sidewalks shall be considered and may be used as the basis for the design and construction.

**Details at Barriers:**

Details at barriers shall be considered and may be used as the basis for the design and construction.

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**Table:**

<table>
<thead>
<tr>
<th>Joint Type</th>
<th>Min. Total Travel</th>
<th>Plate Width</th>
<th>E</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3&quot;</td>
<td>5&quot;</td>
</tr>
</tbody>
</table>

*Note:*

1. The table above provides minimum total travel and plate width values for different joint types. The values are based on the manufacturer's recommendations and applicable codes and standards.

*References:*

- ASTM F 593 (Type 304) Stainless Steel Flattened COUNTERSUNK SCREWS WITH 5/16" DIAMETER INSERTS.
- USE ASTM F 593 (Type 304) Stainless Steel Flattened COUNTERSUNK SCREWS WITH 5/16" DIAMETER INSERTS.
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*Additional Notes:*

- The expansion joint device shall be designed and constructed in accordance with the applicable codes and standards.
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*Special Considerations:*

- For the expansion joint device cover plate.
- The installation of the cover plate is included in the payment for the expansion joint device.
- The cost of all materials and labor required for proper installation of the expansion joint device.
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*Additional Recommendations:*

- The expansion joint device shall be designed and constructed in accordance with the applicable codes and standards.
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*Manufacturer's Notes:*

- The manufacturer's recommendations shall be considered and may be used as the basis for the design and construction.
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*Additional Specifications:*

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