3 year performance report
2015 Update to AASHTO SCOBS T-8 on
Composite Bridge Decking

A Technology Partnerships Project

Jerome S. O’Connor, P. E.
Delivering innovative technology.

3 winters
Unique Features

1. Non-proprietary
2. Solid Surface
3. Reliable wearing surface
4. Light
5. No corrosion, fatigue
Deck

d = 4 1/2"

Tube

Panel depth = 5 3/8"
Cross Slope & Haunch

Delivering innovative technology.
Installation
Delivering innovative technology.
Field Joints

Railing
2012 Installation
<table>
<thead>
<tr>
<th></th>
<th>Pos</th>
<th>Neg</th>
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<tbody>
<tr>
<td><strong>Installation</strong></td>
<td>• 2 days + widening</td>
<td>• Difficult overhead drilling</td>
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<tr>
<td></td>
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<td>• 12 panels (fewer is better)</td>
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<td><strong>Performance</strong></td>
<td>• &lt;25 psf → elim. posting</td>
<td>• Internal debond</td>
</tr>
<tr>
<td></td>
<td>• Watertight</td>
<td>• Cracks at joints</td>
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<td></td>
<td>• Reliable wearing surface</td>
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**Notes:**
1. A webinar is planned by FHWA on performance report.
2. FHWA has funds for applications.