MEMORANDUM
05-05

March 23, 2005

To: District Directors
    Toll Road Operations Engineers
    District Construction Engineers
    District Area Engineers
    Project Engineers/Supervisors
    District Materials & Tests Engineers
    District Development Engineers

FROM: Dennis A. Kuchler, Chief
      Contracts and Construction Division

RE: Concrete Pavement Patching Detail

It has been discovered that Standard Sheet 506-CCPP-01 dated September 1999 is incorrect in showing the removal of existing subbase and being replaced with concrete when patching concrete pavement. It is vital that the subbase be left in place and the concrete patch be placed on top of it. If the existing subbase is in such a condition that it needs to be replaced, or if it needs to be removed to repair the subgrade, it must be replaced with new subbase of the same type prior to the placement of the concrete patch.

Attached is Recurring Plan Detail 506-R-491d which shows the subbase being left in place and Recurring Special Provision 506-R-491 which indicates the change from Standard Sheet 506-CCPP-01 to 506-R-491d.

All existing contracts entailing patching of existing concrete pavement must be revised to eliminate Standard Sheet 506-CCPP-01 and include the attached recurring plan detail and the recurring special provision. A zero dollar change order must be prepared for each project to reflect the change in specifications. The change order shall indicate no additional payment is to be made for this change. (less concrete placement for more subbase and some additional work)

We will have Standard Sheet 506-CCPP-01 revised by the Standards Committee and will republish it with the March 2006 edition of the standards.

DAK:dls

Cc: Gary Mroczka, Design Division Chief
NOTES
1. See Standard Drawing E 003-COP-06 for joint seal details.
2. Saw cuts and joint seal shall be omitted if PCCP is to be overlaid.

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<thead>
<tr>
<th>DOWEL BAR SIZES</th>
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<tbody>
<tr>
<td>Pavement Thickness, D</td>
</tr>
<tr>
<td>Minimum Dowel Bar Diameter</td>
</tr>
<tr>
<td>Less than 6'</td>
</tr>
<tr>
<td>1&quot;</td>
</tr>
<tr>
<td>6' through 12'</td>
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<tr>
<td>1 3/4&quot;</td>
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<tr>
<td>Greater than 12'</td>
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<tr>
<td>1 1/2&quot;</td>
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</tbody>
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SECTION A-A

SECTION B-B

INDIANA DEPARTMENT OF TRANSPORTATION
CONCRETE PAVEMENT PATCH DETAILS

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