

# **MATERIALS INFORMATION HANDOUT**

**Contract Number  
06-0E2104**

**06-Kin-41  
PM 33.0/R39.7**

**Cold In-Place Recycling and  
Hot Mix Asphalt Overlay**

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## **Summary of Investigations**

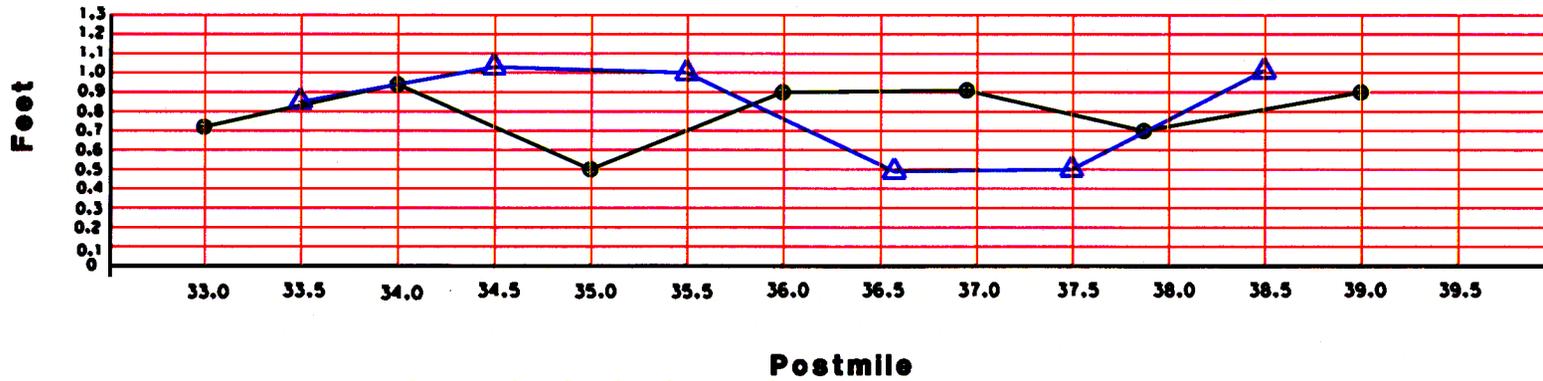
Pavement investigations were conducted on Route 41 from PM 33.0 to PM R39.7 for cold in-place recycling. Cores indicate that the engineering properties of these materials may be improved to provide sufficient strength required to extend the life of this pavement for few years by recycling the upper portion with asphalt emulsion and capping with hot mix asphalt.

The general structural section is hot mix asphalt over aggregate base. Cores indicate a depth of hot mix asphalt that range from 0.50 foot to 1.00 foot. Most core samples were delaminated. The bottom layers of some cores are cracking.

The existing asphalt concrete appears to have some pumping failures, transverse and longitudinal cracking, and isolated alligator cracking.

Any reliance placed by the contractor on this information shall be at their own risk and they shall undertake their own separate testing program to determine the materials present and conditions prevailing at the time of construction.

### Kin-41 A C Thickness



- △ Northbound Cores
- Southbound Cores