



SANTA ROSA COUNTY ENGINEERING DEPARTMENT

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MEMORANDUM

TO: Tony Gomillion, County Administrator

FROM: Chris Phillips, Project Engineer/LAP Coordinator *CP*

THROUGH: Roger Blaylock, County Engineer *Rob*

DATE: May 17, 2016

SUBJECT: Berryhill Road Mill and Resurface – Warranty Repairs Update

BACKGROUND

The Berryhill Road Mill and Resurface project is a project partially funded through the Local Agency Program (LAP) through FDOT with Federal Highway Administration oversight. Paving operations were complete by February 24, 2016.

Prior to the completion of the project, SRC Engineering received a report on January 28, 2016 that a portion of the new paving was separating from itself. Upon investigation, it was observed the top layer of asphalt had “slipped” off the initial layer due to an assumed tack (tar) failure. A tack layer is placed between asphalt layers to promote adhesion between the two layers. The contractor was notified and repairs in that location were made.

Over the next few weeks, additional areas were observed to be slipping. Through meetings with the CEI Consultant and the FDOT District 3 Bituminous Engineer Mr. Frank Kreis, testing was ordered which confirmed a tack failure in the newly discovered locations. FDOT has confirmed other instances of tack failure across District 3 and is investigating further to determine the cause and the supply chain for a common tack batch failure.

CORRECTIVE ACTIONS

Our contractor, Roads Inc of NW FL, has been made aware of the failure and has agreed to fix the problem areas in early June under the contract’s 1 year warranty provision with no additional cost to SRC. We have waited on repairs from March to June for three reasons: 1) for school to be out for the summer, 2) to have some hot weather on the asphalt to (3) see if any more areas begin to slip. Since the initial observations, we have found only one additional area of slippage in the 3 miles of project area.

SRC Staff and the CEI consultant will inspect the area again in June to specifically identify areas for repair. Roads Inc of NW FL will mobilize in early June (weather permitting) and mill out the top layer of asphalt, apply a new tack layer, place back the final layer of asphalt, then reapply the roadway striping as needed. The work will be inspected by the CEI Consultant per FDOT Specifications as it had been previously. The work is anticipated to take no longer than 3 days to perform. See attachment for repair locations.



REPAIR AREAS

HIGH BRIDGE DR

JAMESON CIR

LUTHER FOWLER RD

SHADY GLEN CT

WILLOW GLEN DR

CORKSCREW CT

VENICE LN

MILAN DR

TUSCANY WAY

PESCARA DR

TWIN OAKS DR

GREENFIELD ST

ROLLING ACRES RD

SHIMMERING PINES RD

GARDENVIEW RD

ROLYAT RD

TODD ST

FOX RD

WINDERMERE TRC

TILBO LN

BROOKS LN

WINDRUN PL

BERRY PATCH LN

BERRY BROOK CIR