January 28, 2014

TO: Keith Metcalf, Eastern Region
    Dan Sarles, North Central Region
    Lorena Eng, Northwest Region
    Kevin Dayton, Olympic Region
    Don Whitehouse, South Central Region
    Donald Wagner, Southwest Region
    Craig Stone, Toll Division Director
    Julie Meredith, SR 520 Program Director

FROM: Linea Laird, Chief Engineer
      Assistant Secretary of Engineering and Regional Operations
      (360) 705-7032

SUBJECT: Project Delivery Memo #13-02 – Wood Posts in Beam Guardrail

PURPOSE AND DIRECTION

Background
Recently passed legislation requires that WSDOT reintroduce the option of using wood guardrail posts for new guardrail installations. ESSB 5024 Section 306(17) states:

"The legislature finds that there are sixteen companies involved in wood preserving in the state that employ four hundred workers and have an annual payroll of fifteen million dollars. Prior to the department's switch to steel guardrails, ninety percent of the twenty-five hundred mile guardrail system was constructed of preserved wood and one hundred ten thousand wood guardrail posts were produced annually for state use. Moreover, the policy of using steel posts requires the state to use imported steel. Given these findings, where practicable, and until June 30, 2015, the department shall include the design option to use wood guardrail posts, in addition to steel posts, in new guardrail installations. The selection of posts must be consistent with the agency design manual policy that existed before 19 December 2009."

In 2009 WSDOT made the decision to require steel guardrail posts in new guardrail installations. ESSB 5024 reverses that decision, and directs WSDOT to allow the use of wood posts as an option when installing guardrail.
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Direction
The policy change described in this memorandum provides for the use of wood guardrail posts. This memo provides interim policy direction, deleting WSDOT Design Manual Section 1610.06(3) "Beam Guardrail Post Selection Criteria", and bullet 10 under Section 1610.06(4) "Additional Guidance". All other bullet items under Section 1610.06(4) remain in force. This change is effective immediately for contracts bid on or after January 6, 2014, and will remain effective until June 30, 2015.

ACTIONS REQUIRED

Development Division
Revise affected DM chapter. Provide outreach and information to stakeholders about policy change as needed.

Regions
Implement policy and monitor performance. Provide feedback to Development Division about issues or concerns during implementation.

cc: Region Project Development Engineers
    Region Planning Managers
    Region Traffic Engineers
    Pasco Bakotich
    Jeff Carpenter
    John Milton