

MEMORANDUM

To: RRC Members
D. John Blacker, Administrator/Maintenance Division
Monte N. Brown, Administrator/Administration Division
Jim Currie, Deputy Director/Department of Transportation
Dave Galt, Director/ Department of Transportation
Joel M. Marshik, P.E., Administrator/Highway and Engineering Division
Drew F. Livesay, Administrator/Motor Carrier Services Division
Patricia Saindon, Administrator/Transportation Planning Division
Robert Burkhardt/Federal Highway Administration

From: Susan C. Sillick
Chief, Research Bureau

Date: April 12, 2005

SUMMARY OF MINUTES FROM THE OCTOBER RRC MEETING HELD 10/29/02

1. **Budget Report:** Attached – No comments
2. **Research Project – current listing:** Attached

2a. *Engineering Significance of Replacing the Federal Aviation Administration Paving Spec with the MDT Paving Spec* – (98.016) Attached

Jim Greil, Chief – Airports/Airways Bureau sent a memo requesting the removal of this project from the research project listing.

The FHWA has considerably modified their P-401 paving spec and the way in which they deal with local airport development projects. It is now much easier to modify the P-401 spec on particular airport paving projects. Therefore, this project is of much less importance than prior to these changes.

Jim Currie made a motion to remove this project from the research project listing. Joel Marshik seconded the motion. The motion passed.

3. **Reports:** Available Upon Request

3a. *Use of Dynamic E* Modulus in Hot Mix Asphalt Designs* – Pooled Fund Study – Quarterly Progress Report – 7/1/02 – 9/30/02

3b. *Crack Sealing Cost Effectiveness* (93.013, 94.033, 94.059) - Quarterly Progress Report – 7/1/02 – 9/30/02

3c. *A Study for the Economic Effects of Reconfiguring Montana's Two-Lane Highway* – August 2002 Progress Report

3d. *AASHTO Strategic Highway Safety Plan* – Pooled Fund Study – Quarterly Progress Report - 7/1/02 – 9/30/02

4. **Contract Extension:**

4a. *Erosion and Sediment Control Best Management Practices* – 99.008

Joe Olsen/Environmental Services attended the meeting to represent the Technical Panel in requesting a contract extension. Darrel Stordahl and Jeff Jones, both from CDM, were present to answer any questions.

As this project progressed, it became clear to the Technical Panel that it would be necessary to enlarge the scope of work to ensure a complete erosion and sediment control package. With this extension, the products from this project will be 1) Organizational Structural Survey 2) User Survey 3) Construction Unit Costs for each BMP 4) BMP Manual (dual units) 5) Erosion and Sediment Control Field Manual (dual units) and 6) Erosion & Sediment Control Detail Drawings (metric). Scott Keller's unit will convert drawings to English units.

Dave Galt asked Sue to place a contractor on the Technical Panel; Sue will contact Cary Hegreberg/MCA for a recommendation.

Dave Galt made a motion for extension of this project as recommended by the Technical Panel for \$56,323.00. Pat Saindon seconded the motion. The motion passed.

5. **Proposals:**

5a. *Statewide Recommendations for Traffic Noise Abatement Solutions for Use in Montana Urban Areas* – 01.008

Cora Helm/Environmental Services met with the RRC informing them that the Technical Panel had met on their RFP and recommends the proposal from Bowlby and Associated, Inc., Tennessee for funding.

The primary objective of this study is to develop statewide recommendations for mitigating noise impacts. One of the key aspects of this project will be a survey of residents in affected and non-affected areas, and local governing boards.

Jim Currie made a motion to approve the proposal for \$78,355.34. Joel Marshik seconded the motion. The motion passed.

5b. *Portable Non-Intrusive Technologies* – Pooled Fund Study

Dan Bisom/Transportation Planning and Steve Keller/Traffic and Safety Bureau attended the meeting in support of this project.

The object of the proposed pooled-fund study is to develop and test a safe, accurate and cost-effective portable traffic counter with a variety of detective technologies and PNIT applications.

Joel Marshik moved to commit \$15,000.00 for this study. Pat Saindon seconded the motion. The motion passed.

6. Implementation: None

7. FHWA Technology Transfer Nominations:

7a. Mike Duman/FHWA attended the RRC meeting to discuss FHWA's Technology Transfer program.

Funding Formulas for FHWA's Technology Transfer Program have changed. In FFY 2003, FHWA/MT Division will receive \$5,000.00 as compared to \$10,000.00 in the previous year. Additional Technology Transfer funds can be competed for nationally. Mike announced that for FFY 2004, FHWA/MT Division would reserve 25% of the funds appropriated to Montana. The remaining funds, as well as those available through national competition will be available through the current MDT/FHWA process.

Also, after a discussion about Monte Brown's T² proposal, previously nominated for national competition, it was decided that Darrel Zook and Bob Burkhardt would modify this submission.

8. Next Meeting:

Sue announced the next meeting is November 29, 2002. Since this meeting occurs in Thanksgiving week, Sue was asked to move this meeting to December. Note: this meeting has been rescheduled and is on December 17, 2002 at 1:00 p.m. in the Commission Room.

cc: Craig Abernathy/Research Bureau
Debbie Alke, Administrator/Aeronautics Division
Kent M. Barnes, P.E./Materials Bureau
Bruce H. Barrett/District Administrator-Billings
Jeffrey M. Ebert, P.E./District Administrator-Butte
Linda Francis/Business Plan Administrator
Loran Frazier, P.E./District Administrator-Missoula
Dave Hill/Environmental Services
John Horton/Right-of-Way Bureau
Michael P. Johnson/District Administrator-Great Falls
Joseph P. Kolman, P.E./Bridge Bureau
William L. McChesney/District Administrator-Glendive
Russell G. McDonald/Human Resources Division
Robert D. Morgan, P.E./Traffic & Safety Bureau
Kenneth H. Neumiller/Engineering Oversight Bureau
Jeanne Nydegger/Research Bureau
Brooke Page/Research Bureau
Carl S. Peil, P.E./Preconstruction Bureau
Timothy W. Reardon/Legal Services
James A. Walther, P.E./Highway and Engineering Division
Mark A. Wissinger, P.E./Construction Bureau
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