

MONTANA DEPARTMENT OF TRANSPORTATION
Helena, Montana 59620-1001

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
Stan Sternberg, Acting Manager/Environmental Services
Robert Burkhardt/Federal Highway Administration

From: Susan C. Sillick
Manager, Research Section

Date: March 18, 2002

SUMMARY OF MINUTES FROM THE FEBRUARY RRC MEETING HELD 3/1/02

1. **Budget Report:** Distributed at meeting
2. **Research Project – current listing:** Attached
3. **Reports:** Available Upon Request
 - 3a. *Performance of Steel Pipe Pile to Concrete Bent Cap Connection Subjected to Seismic Loading or High Transverse Loading – Phase II (96.080)* – Progress Report 1/30/02
 - 3b. *Valuation of Temporary Losses of Use of Transportation Facilities (95.021)* – Progress Report – 11/01/01 to 12/31/01
 - 3c. *LTAP* – Quarterly Progress Report – 10/1/01 to 12/31/01
4. **Contract Extension:** None

5. **Proposals:**

5a. *Construction of Crack-Free Concrete Bridge Deck* – Pooled-fund Study

Joe Kolman and Kent Barnes met with the RRC to discuss and support this proposal.

The purpose of this study is to implement the most cost-effective techniques for improving bridge deck life through reduced cracking. This project will provide a mechanism for combining ideas from research and practice to develop a comprehensive strategy for the construction of bridge decks.

Since MDT currently has problems with bridge deck cracking, Joe and Kent both felt this was a timely and worthwhile effort.

Joel Marshik made a motion that the RRC fund the study for four years at \$15,000.00 per year for a total of \$60,000.00. Drew Livesay seconded the motion. All present voted in favor of the motion.

6. **Implementation** - None

7. **Technology Transfer Funding** – Attached

Each year FHWA distributes available Technology Transfer funding. This year FHWA requested MDT participate in ranking ideas through the RRC process. Three topics were submitted this year; all were funded. Sue discussed the written process that was attached to the agenda.

8. **Solicitation Rankings** – Attached

Following a discussion, Pat Saindon made a motion to move the following research ideas on to Technical Panels:

02.004 – **Road Sand Management on Highways Adjacent to Streams**

02.007 – **Unknown Benefits of Fog Seal on Chip Seal Project**

02.008 – **Assessment of State Air Quality Initiative or Effect of Montana Air & Congestion Initiative (MACI) on State Air Quality**

Joel Marshik seconded the motion. All present voted in favor of the motion.

cc: Craig Abernathy/Research Section
Debbie Alke/Aeronautics Division
Kent M. Barnes, P.E./Materials Bureau
Bruce H. Barrett/District Administrator-Billings
Linda Francis/Business Plan Administrator
Loran Frazier, P.E./District Administrator-Missoula
Jason Giard, P.E./District Administrator-Butte
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 Section
Brooke Page/Research Section
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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