MEMORANDUM

To: RRC Members
   Kent M. Barnes, P.E./Materials Bureau
   Robert E. Burkhardt/FHWA
   John D. Craig/Transportation Planning Division
   Jim Greil/Aeronautics Division
   Dennis A. Hult/Motor Carrier Services Division
   James E. Hyatt/Maintenance Division
   Joel M. Marshik, P.E./Environmental Services
   Stefan Streeter, P.E./Billings District
   James A. Walther, P.E./Highways & Engineering Division
   Darrel G. Zook/Accounting Services Bureau

From: Susan C. Sillick
   Manager, Research Program

Date: March 21, 2001

Subject: Summary of Minutes from the February 27, 2001 RRC Meeting

1. **Budget Report:** Attached – No comments

2. **Research Project – current listing:** Attached – No comments
   
   2a. *Crash Test Pin and Loop Connection on the Concrete Median Barrier* –

   The discussion of this project will be held at a future RRC meeting, if necessary.

3. **Reports:** No comments
   

   3b. *LTAP* – Quarterly Report – 10/1/00 – 12/31/00 – Attached

4. **Contract Extensions:** None
5. **Proposals:**

5a. *Evaluation of Shoulder Rumble Strips – Attached*

Pierre Jomini met with the RRC to discuss this proposal. The Technical Panel recommends this study to investigate the importance of rumble strips in conjunction with rollover crashes within the state of Montana. The contract is for a 15 month period, costing approximately $63,000.00. Upon a motion from Joel Marshik, seconded by Kent Barnes, the motion passed unanimously.

6. **Implementation:** None

7. **2001 Solicitation:** Attached

Since the initial presentation by the champions in January, Terry Yarger asked to remove *Limited Work Space, Less Than Optimum Employee Productivity, Poor Long-Term Employee Retention* from the list. Jean Bond, Employee Relations Bureau is addressing this issue.

The rankings of the remaining projects by the DA’s and RRC’s were discussed. Sue Sillick made a motion to move all the remaining projects on to Technical Panels. Joel Marshik seconded the motion with all present voting in favor of the motion.

New Research Projects are as follows:

1) *Transportation Infrastructure Inventory Needs Assessment*

2) *Bat Use of Bridge Structures in the MDT Billings District: A Pilot Study*

3) *Plant Riprap Demonstration and Research for Streambank Stabilization at Bridges, Culverts, Rivers Adjacent to Roads and Outfalls*

4) *Bridge Deck Service Life Prediction Model*

5) *Feasibility and Reasonableness of Providing Noise Barriers Along I-90/I-15 in Butte*

6) *Rockfall Hazard Classification and Mitigation System*

7) *Cooperative Highway Construction Industry Training Program*

8) *Impact on the Highway System of Changes in Grain Transportation Operations*
8. Discussion of Administration Division Membership on RRC

Jim Walther submitted a memo to the RRC for them to consider adding a representative from the Administration Division to this committee.

Following a discussion, Joel Marshik made a motion to add such a representative to the Research Review Committee. John Craig seconded the motion. All present voted in favor of the motion.

Sue will send a memo to Monte Brown requesting Administration Division participation on the Research Review Committee.

cc: Craig Abernathy/Pavement Analysis & Research Section
    Bruce H. Barrett/District Administrator-Billings
    D. John Blacker/Maintenance Division
    Monte N. Brown/Administration Division
    Michael D. Ferguson/Aeronautics Division
    John Horton/Right-of-Way Bureau
    Loran Frazier, P.E./District Administrator-Missoula
    Jason Giard, P.E./District Administrator-Butte
    Gary A. Gilmore, P.E./Highways & Engineering Division
    Michael P. Johnson/District Administrator-Great Falls
    Joseph P. Kolman, P.E./Bridge Bureau
    Drew F. Livesay/Motor Carrier Services Division
    William L. McChesney/District Administrator-Glendive
    Russell G. McDonald/Human Resources Division
    Kenneth H. Neumiller/Engineering Oversight Bureau
    Jeanne Nydegger/Pavement Analysis & Research Section
    Brooke Page/Pavement Analysis & Research Section
    Carl S. Peil, P.E./Preconstruction Bureau
    Timothy W. Reardon/Legal Services
    Patricia Saindon/Transportation Planning Division
    Robert D. Tholt, P.E./Construction Bureau
    Jon S. Watson, P.E./Pavement Analysis & Research Section
    File