U.S. Department
of Transportation

**Federal Highway
Administration**

May 25, 2005

400 Seventh St., S.W.
Washington, D.C. 20590

Refer to: HOTO-1

Mr. Lance Johnson
Traffic and Highway Safety Engineer
Idaho Transportation Department
P.O. Box 7129
Boise, ID 83707-1129

Dear Mr. Johnson:

Thank you for your February 15 letter requesting approval to experiment with Red In-Roadway
Warning Lights ("Bodan crossing system") at the Idaho Northern and Pacific Railroad grade
crossing at Milwaukee Street in Boise, Idaho. We have reviewed your request and hereby
approve your request to conduct the proposed experimentation through the end of June 2007.

With our approval, we would like to suggest a few revisions to your evaluation plan. We
recommend that the following data be collected, for both "before" and "after" conditions:
  1. The number and percentage of vehicles stopping at the stop line;
  2. The number and percentage of vehicles stopping between the stop line and the tracks;
  3. The number and percentage of vehicles continuing across the tracks;
  4. If evident, the number and percentage of vehicles that back up after stopping beyond the
     stop line or on the tracks.

We appreciate your interest in improving traffic operations and safety at highway-rail grade
crossings, and look forward to receiving your semiannual reports and final evaluation results for
the experimentation. The results will help us to determine whether to include the application of
in-roadway warning lights at highway-rail grade crossings in a future edition of the Manual on
Uniform Traffic Control Devices.

For future reference purposes, we have assigned the following official experimentation number
and title to your request: "4-289(E) – "Red In-Roadway Warning Lights at RR Crossing -
IDOT." Please refer to this number in future correspondence. If you have any questions about
this response or during the course of your experimentation, please contact Ms. Guan Xu at
202-366-5892; **guan.xu@fhwa.dot.gov**.

Sincerely yours,

Regina S. McElroy
Director, Office of Transportation
Operations

cc: Mr. Jim Baron, ATSSA

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AMERICA**