



U.S. Department
of Transportation

**Federal Highway
Administration**

1200 New Jersey Avenue, SE.
Washington, DC 20590

September 2, 2008

In Reply Refer To: HOTO-1

Ms. Bridget Smith
Livable Streets Section Manager
San Francisco Municipal Transportation Agency
One South Van Ness Avenue, Seventh Floor
San Francisco, CA 94103


Dear Ms. Smith:

Thank you for your August 28 letter requesting permission to experiment with green pavement markings in bike lanes on ten intersection approaches in the city of San Francisco.

We have reviewed your request, which is a revision of your previous submittal. Your revised request for experimentation is approved, and we look forward to receiving your quarterly progress reports and your final evaluation report at the end of the study period. For recordkeeping purposes, we have assigned the following official experimentation number and title: "9-100(E)—Green Bike Lane Markings – San Francisco, CA." Please refer to this number in future correspondence.

Thank you for your interest in improving the operational capability and traffic safety for bicyclists through the use of the green markings.

Sincerely yours,

for 

Robert Arnold
Director, Office of Transportation
Operations


**AMERICAN
ECONOMY**

August 28, 2008

Bruce E. Friedman, P.E., PTOE
Federal Highway Administration
Office of Transportation Operations, HOTO-1
1200 New Jersey Avenue SE
Mail Stop E84-406
Washington, DC 20590

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Subject: Ruling 9-100(E) - Green Pavement Markings for Bicycle Lanes in California

Dear Mr. Friedman,

Thank you for your July 3 e-mail response regarding our request to experiment with solid and dashed green colored pavement markings on bike lanes in San Francisco.


We have amended our submittal based on your additional guidance and hereby resubmit the request. Below please find responses to your specific questions.

1. We will restore all faded white markings before conducting the "before" data collection and before applying the colored material. This is noted under the Schedule section.
2. We will study wheel path tracking at merge locations to determine if the green pavement markings change vehicle tracking behavior. This change is reflected in the Scope and Work Plan section.
3. We will reinstall the white bike lane markings/ symbols on top of the green pavement marking to ensure that the only difference from the "before" condition will be the green pavement markings.
4. We will only use rectangular shaped dashed pavement markings in the experiment. Figure 5 has been revised.

We have also revised the schedule assuming that we will have FHWA approval in Fall 2008.

Thank you in advance for your prompt review. If you have any questions or would like to discuss any items further, please contact Damon Curtis of my staff at 415.701.4674 or by e-mail at damon.curtis@sfmta.com.

Sincerely,



Bridget Smith
Livable Streets Section Manager

Enclosure
JLF:OG:DRC:RR