

Roundabouts: An Informational Guide

DESCRIPTION:

This workshop will cover all chapters of the FHWA's Informational Guide on Roundabouts. Emphasis will be given to the topics of Operation, Safety, and Geometric Design. Traffic analysis spreadsheets and spreadsheets for crash comparisons between conventional intersections and 4-legged roundabouts will be used.

AGENDA:

8:00 am – 8:15 am	Introductions
8:15 am – 9:45 am	Chapters 1 to 3
9:45 am – 10:00 am	BREAK
10:00 am – 11:00 am	Chapter 4*
11:00 am – 11:15 pm	Roundabouts and the Americans with Disabilities Act
11:15 am – 12:30 pm	LUNCH (on your own)
12:30 pm – 1:30 pm	Chapter 5*
1:30 pm – 1:45 pm	BREAK
1:45 pm – 2:45 pm	Chapter 6
2:45 pm – 3:15 pm	Chapters 7 and 8
3:15 pm – 3:30 pm	Course feedback.

** Laptop computers used during these sections. (optional)*

Emphasis will be given to the chapters on Operation, Safety, and Geometric Design. Some limited time will be spent on exercises dealing with traffic analysis and safety comparison. The attendees will be given traffic analysis spread sheets. In addition, the attendees will receive spreadsheets for crash comparison between conventional intersections and 4-legged roundabouts.

Participants will be given a copy of the Roundabouts Informational Guide. You may also view the guide at: <http://www.tfsrc.gov/safety/00068.htm>

Participants should try to bring their laptop computers loaded with Microsoft Excel 97. Laptop computers can be shared among two or three people for the short duration of the exercises, so do not be concerned if you do not have a laptop available to you.

TARGET AUDIENCE:

This workshop should be of interest to county, city, state, federal and consulting engineers who are involved in traffic planning, design or operations.

INSTRUCTORS:

Eric Worrell, P.E., Safety/Geometric Design Engineer, Federal Highway Administration, Southern Resource Center, Atlanta, Georgia

Brent A. Sweger, Transportation Planning Engineer, Federal Highway Administration, Kentucky Division, Frankfort, Kentucky

Registration Procedure

- 1) Please contact Gail Ikeda at 956-8367, 956-8851 (FAX) or gail@eng.hawaii.edu by Friday, **March 28, 2003**.
- 2) Attendance is limited, and preference is given to local government employees.
- 3) Private company participation is on a space available basis. We will fax you a letter indicating whether a seat has been reserved for you by March 28, 2003.

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Monday, April 7 - Kona

Tuesday, April 8 – Maui

Thursday, April 10 – Kapolei

**Friday, April 11 – HDOT District Office
Conference Room**

Workshop sponsored by the

Federal Highway Administration

in cooperation with the

*Hawaii Local Technical Assistance Program,
Hawaii State Department of Transportation &
University of Hawaii's Department of Civil and
Environmental Engineering*

Hawaii Local Technical Assistance Program

University of Hawaii

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