

Project Report

Kentucky Transportation Cabinet, District 6, Covington, KY

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PROJECT RECAP

Workshop Explores Design Ideas

Getting ideas on paper. That was the objective of the Project Team's April 13th meeting at Newport City Hall.

Interchange Advisory Committee members and Section 106 Consulting Parties were invited to submit ideas for interchange modifications. The response was tremendous. Attendees submitted dozens of ideas that were traced onto large display boards with notes recorded on the benefits each idea offers.

The Project design team's task now is to formalize the designs into alternatives which address the Project purpose and need to improve safety and reduce traffic delay at the Intersection. Each alternative design will be evaluated preliminarily according to four criteria:

1. Engineering and functional capability
2. Environmental compatibility
3. Community acceptance
4. Financial feasibility.

CURRENT ACTIONS

Alternative Design Concepts Examined

Cut and Paste Approach Leads to Design Schematics

As reported about the Project design team tasks in the Project Recap, efforts are underway presently to develop the design ideas into alternative concepts.

A large part of this effort is to identify ideas that relate to a certain problem or location and apply those to schematic mapping that show how the alternative concepts will work.

This is important to make preliminary judgments on the viability of any particular idea. All ideas from the Alternative Design workshop are drawn up in this manner and will be shown at the next meeting. An evaluation matrix will also be shown to explain the reasoning for why or why not a particular design is judged to be workable.

At this point in the design development process however, thorough analysis is not applied because of the number of alternatives being developed.

(See Alternative Designs on page 2)

Alternative Design Concepts Available to View Through Project Web-Site

The Alternative design concepts developed by the Interchange Advisory Committee and Section 106 Consulting Parties can be viewed at the Project's web-site www.471project.org

Select the Public Information button and click on Meeting Notes from the cascading menu. Next, click on *04-13-07 Interchange Advisory Committee Meeting Materials* and click to open *Public Concept Notes*. The pages show the concepts presented at the April 13th meeting drawn onto area maps to convey the ideas of the Advisory Committee and S106 Consulting Parties. These will give you an idea of what to look for in the schematic design drawings that are being developed for further evaluation.

We hope this helps you to stay involved and understand Project processes as we move forward. As always, we welcome suggestions for how to improve the web services for our Public Involvement participants.

Alternative Designs

(continued from page 1)

As the Project advances out of Step 3 toward Step 4, the intent is to reduce the number of Alternates to four, at which time more comprehensive engineering, economic, and environmental evaluations will be applied.

Details of each Alternative design's effects on meeting the Project purpose and need for relieving congestion and improving safety begin the evaluation matrix measures for viability. Engineering feasibility is being judged by basic physical measurements while future traffic forecasts are being applied to see if the designs can safely and efficiently handle the greater volumes of traffic expected for 20 to 25 years in the future.

The Matrix will then assign a relative measure to each Alternative to help Committee members and Public Involvement participants weigh the pros and cons of each design in an attempt to select four designs to advance to further evaluation.

What's To Come?

The Project design team is busy evaluating the alternative design concepts from the April meeting in order to develop drawings and mapping overlays showing the alignment and locations for proposed improvements.

Updated traffic data will then be forecast 20-25 years into the future to determine if the designs will handle the traffic volumes and provide relief to congestion and aid safety in the "design year."

The next series of meetings being planned will allow Advisory Committee members and S106 Consulting Parties to see the design concepts applied to aerial photographs and help begin to evaluate the effects of each alternative design.

A Public Meeting to present the Alternative designs and gather comments will be planned shortly following the Committee meeting.

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