

**REGIONAL SUBCOMMITTEE 1
DESIGN SECTION 1
MEETING #3 REPORT**

**KNOXVILLE
PARKWAY
CONTEXT SENSITIVE
SOLUTIONS**

REGIONAL SUBCOMMITTEE 1



December 13, 2005

**National Transportation Research Center
Knoxville, TN**

Knoxville Parkway, Context Sensitive Solutions Subcommittee 1, Meeting #3

INTRODUCTION

The third Regional Subcommittee meeting for Regional Section 1 was held on December 13, 2005, at the National Transportation Research Center in Knoxville, Tennessee. David Lindeman, with Palmer Engineering, led the meeting.

Introduction by David Lindeman. Review of what has happened since the last meeting along with an explanation of the decision matrix and the process for recommending alternatives to the Resource Team.

DESIGN SECTION 1

Alternative 1C – Crosses I-40 mid-way between existing I-40/75 split and Buttermilk Road bridge over I-40. Alternative 1C was laid out attempting to minimize excavation through the interchange.

Alternative 1E – Crosses I-40 at approximately the same place as Alternative 1C. Alternative 1E was laid out attempting to minimize the right-of-way footprint of the interchange. Alternative 1E also exits I-75 further south to straighten Parkway alignment and to move away from a residential subdivision.

RECOMMENDATIONS TO THE RESOURCE TEAM

Subcommittee 1 preferred Alternative 1E for the following reasons:

- It was rated better for air and noise impacts.
- The interchange group preferred 1E because it has a higher design speed on the ramps so the ramps may be safer.
- It is estimated to be cheaper to construct.
- It has fewer stream impacts.
- It acquires less right-of-way.
- It was preferred at the public workshop in June 2005.

ADJUNCT RECOMMENDATIONS

Subcommittee 1 has the following adjunct recommendations for the Resource Team to consider:

Visual Screening. Possibly plant trees as soon as an alignment is chosen so they can grow and be large enough to screen the road by the time it is built.

Loudon County is enthusiastically behind the proposal for an interchange on I-40 west of the SR-475 project area that would tie to Hickory Creek Road in Loudon County. They realize this project is unrelated to the Knoxville Parkway.

GOING FORWARD

In the final design phase, Subcommittee 1 would prefer to see separate teams for each regional area.

Build as soon as possible.

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ATTENDEES

12 people attended the meeting. The names and organizations of the people who attended the meeting are presented as follows.

Regional Subcommittee 1 Organization

John Benditz	Tennessee Section of the Institute of Transportation Engineers
Mike Fleming	Regional Subcommittee 1
Chip Miller	Loudon County
Harvey Sproul	Regional Subcommittee 1

TDOT

	Title
Mike Russell	TDOT - Region 1, Project Management
Cliff Stewart	TDOT – Design

Consultants

	Company
Joel Budnik	Parsons – Environmental Consultant
David Lindeman	Palmer Engineering - CSS Consultant
Eric Fischer	Palmer Engineering - CSS Consultant
Stephen Sewell	Palmer Engineering - CSS Consultant

Advisors

	Organization
Mary English	University of Tennessee
Fred Frank	Knoxville Regional TPO