

PUBLIC MEETING for REX WHITTON EXPRESSWAY PROBLEM DEFINITION STUDY

City of Jefferson, Cole County, Missouri



Project Goals

- Determine Scale and Extent of Existing Problems
- Identify Concerns of Public and Area Stakeholders
- Identify Range of Possible Alternatives to Address Traffic Congestion
- Establish Parameters of Future Improvement Studies and Designs

Overall Improvement Process

1. Pre-Planning.

Rex Whitton Expressway

Problem Definition Study to answer ...

What are the existing concerns and what options are there to correct issues?

Timeline: Winter 2004 - Fall 2005

WE ARE HERE

PROCEED
ONLY IF FUNDING
IS AVAILABLE

2. PLANNING

Improve Whitton Expressway Design and NEPA studies to answer...

In what specific manner should improvements be made and how will they impact the natural and man-made environments?

Timeline: Will begin only if funding is identified

3. DESIGN

Detailed Design Project to answer...

How will improvements be constructed? What materials will be used? What exact right of way/property is needed? What is the cost?

Timeline: Will begin only if funding is identified.

4. CONSTRUCTION

Construction!!!

Land is purchased, final project plans are completed, construction contract is awarded and construction begins.

Timeline: Will begin only if funding is identified.



Issues Identified

- Traffic Volumes and Congestion
- Traffic Controls
- Crash Experience
- Roadway Conditions and Deficiencies

Traffic Volumes

- Daily
 - 31,400 to 42,000 Existing
 - 54,000 to 60,000 Projected
- Peak Hours
 - 10% of Daily Traffic Volume
 - 60% in peak direction
(To or Away from Downtown)

Levels of Service

- Volume / Capacity
- Vehicle Delays
- Queues or Backups
- Speeds

Traffic Safety

- Large Numbers of Crashes in Study Corridor between 2000-2004
 - Majority Occurred within Downtown Segment
- Types and Severity of Crashes
 - Majority of Crashes at Intersections
 - 25% Injury Crashes / 1% Fatality Crashes
- Crash Rates
 - 5.1 x Statewide Rate
(Downtown Segment)

Roadway Conditions and Deficiencies

- Pavement Widths
- Pavement Deterioration
- Grades or Slopes
- Roadside Clearance
- Spacing of Major Intersections and Driveways onto Side Streets

Other Considerations

- Missouri State Prison Redevelopment Area
- Need for Additional Access to RWE Between Monroe Street and Clark Street
- Continuity of City Street System

Summary of Existing Issues

- High Crash Rates
 - 5.1 x Statewide Average (Downtown Segment)
- Levels of Service
 - LOS E & F without Improvements
- Traffic Growth
 - MSP Development (>40,000 vehicle-trips per day)

Why You're Here

- Assist us with identifying any other concerns with Rex Whitton Expressway
- Share information on Potential Land Use Changes or Development Opportunities
- Share IDEAS with options to improve the Expressway

Handouts

- Welcome Letter
- Project Description
- Team Contact Information
- Comment Form

THANK YOU