Eastern Parkway Project: The Complete Street

August 11, 2010
Project Location Information

3rd Street

Warnock Street

Eastern Parkway

Floyd Street

I-65
Vehicles vs. Pedestrian
Purpose and Need

- Enhance All Aspects of Safety
- Enhance Multi-Modal Facilities (bike, bus, pedestrian)
- Improve Campus Cohesion
- Decrease Crashes Involving Trucks with Third Street Viaduct
Coordination / Partner Agencies

- University of Louisville
- Louisville Metro Public Works
- Louisville Metro Parks (Olmsted System)
- Louisville Water Company
- TARC
- FHWA
- CSX
- LG&E
- AT&T
- MSD
Creative Funding and Letting

- 3 Projects grouped to control schedule
  - (5-397, 5-964.10, 5-1050)
- FD39
- FD04
- TE Funds
- ARRA TE Funds
- BRO Funds
- HES (HSIP) Funding
- U of L matching funds
- THANKS IVAN!!!
Eastern Parkway – Creative Design

• Context Sensitive
• Complete Street Concepts
  – Designed for Access of All Users
    • Bikes
    • Peds
    • Transit
    • Auto
  – No One Design Template
Plan Development

- Roadway Plan Set
  - New ADA Sidewalks
  - Audible Ped Signals
  - Bike Lanes
  - Bus Pullouts
Project Specific Elements

- Landscaping Plan
Project Specific Elements

• Restricting Pedestrian Movements
  – Ornamental Fencing
  – Elevated Sidewalks
Project Specific Elements

• Other Amenities
  – New & Relocated Bus Shelters
  – Pedestrian Level Lighting
  – Truck Height Detection System
Changes on Eastern Parkway

- U of L Speed School Circle Drive Eliminated
- Gated Lot Entrances Eliminated
- Pedestrian Tunnel Closed
- US 60A Will Be Moved to Central Avenue
Truck Height Detection System

- Truck Height Detection System
  - Directs Trucks Away from Bridge
  - Optical Height Sensors
  - Also on 3rd Street
Rerouting US 60A
Warnock Street Improvements
Warnock Previous Conditions
Warnock Previous Conditions
Modified Ramps to Legitimize Illegal Left Turn Movements for Better Campus Access
Warnock Street Improvements

- Other Improvements
  - New ADA Sidewalks
  - Added Left Turn Lane
  - Pedestrian Lighting
  - Traffic Signal System
Eastern Parkway Bridge Repairs
Eastern Parkway Bridge Repairs

- 15 Span RCDG Bridge
- 794 Feet Long
- Nearly 60 Years Old
- Built to Cross CSX RR
- Also Crosses Floyd & Brook Streets
Eastern Parkway Bridge Repairs

- EASTERN PARKWAY BRIDGE
  - New Sidewalks & Railings
  - Bike Lanes
  - Textured Median
  - Pedestrian Street Lighting
  - Joint Replacement
  - 6-inch Deck Overlay (2-inch Removal)
Eastern Parkway Bridge

- University of Louisville Coordination
  - U of L had to vacate office during portions of construction
Eastern Parkway Bridge Repairs

- Texas Classic Railings (Precast)
- Pier Rehabilitation
Complete Street Project Specific Elements

- CSX Coordination
Project Team wanted to control construction schedule so the 3 projects were grouped.

- Construct I-65 / Warnock Street first to improve interstate access to U of L.
- I-65 / Warnock Street built during 16 day closure.
- After Warnock Complete - Eastern Parkway construction was allowed to proceed.
- Eastern Parkway Bridge closed for 6 months.
- Eastern Parkway outside the bridge limits built part-width to maintain access to U of L Speed School Parking Lot.
- Pedestrian Detour Plans Developed.
Project Phasing Public Relations
Project Phasing

KEY ELEMENTS

- Mandatory Pre-Bid Meeting Held
- Bid Item for Formal Partnering in Contract
- TARC Coordination – Student Buses
- Waterline w/ Roadway Contract
- Continuous Coordination with U of L
Issues / Lessons Learned

• Bridge work took longer than expected
• ARRA TE Funds – Full FHWA Oversight
• Abandoned UG Utilities
• One contact per Agency
• Share information early and often
• Need MOA for maintenance
Questions