



**URS**



# Eastern Parkway Project: The Complete Street



August 11, 2010



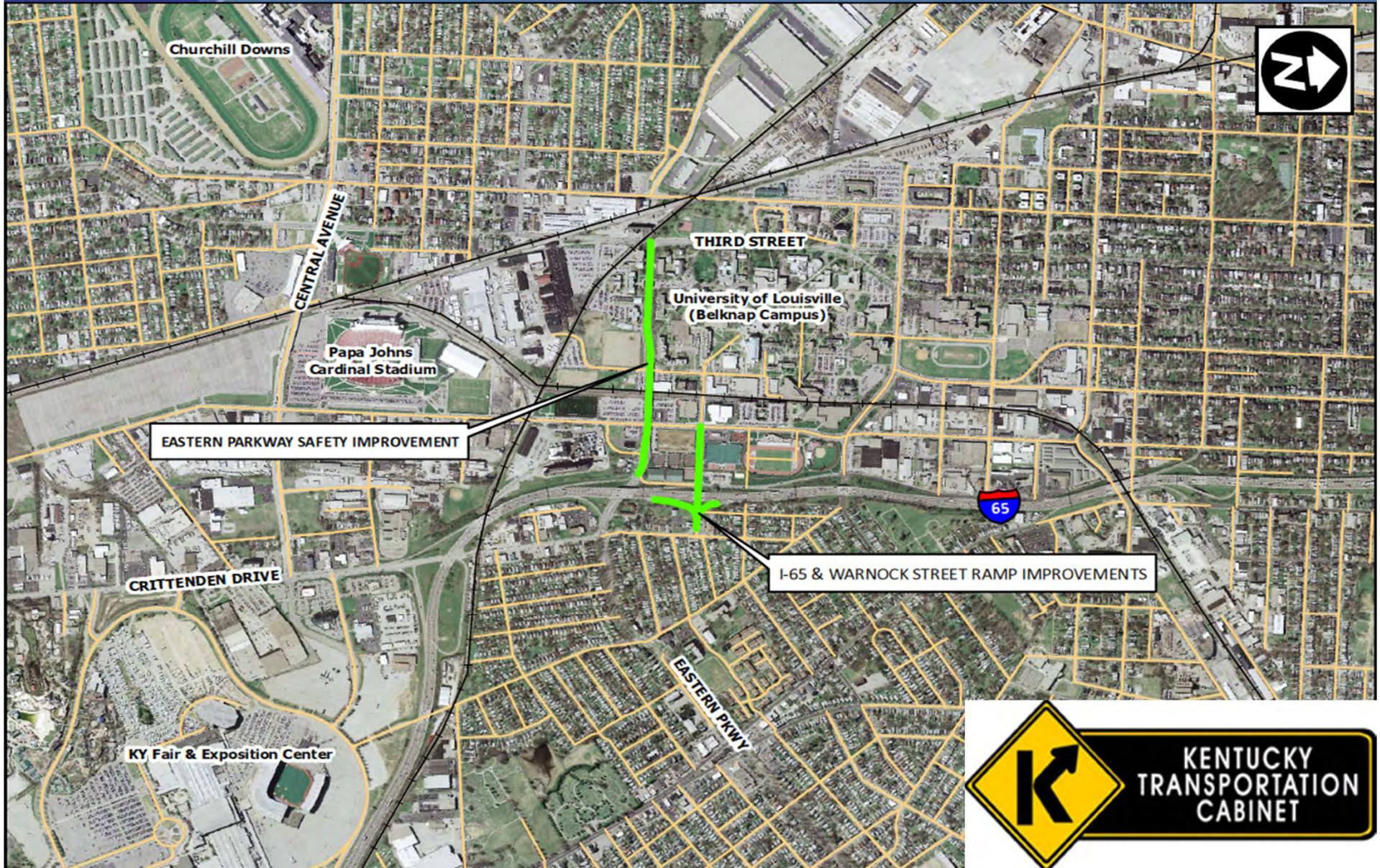
WAVE 3 NEWS

Tuesday  
June 22



wave3.com

# Project Location





# Project Location Information



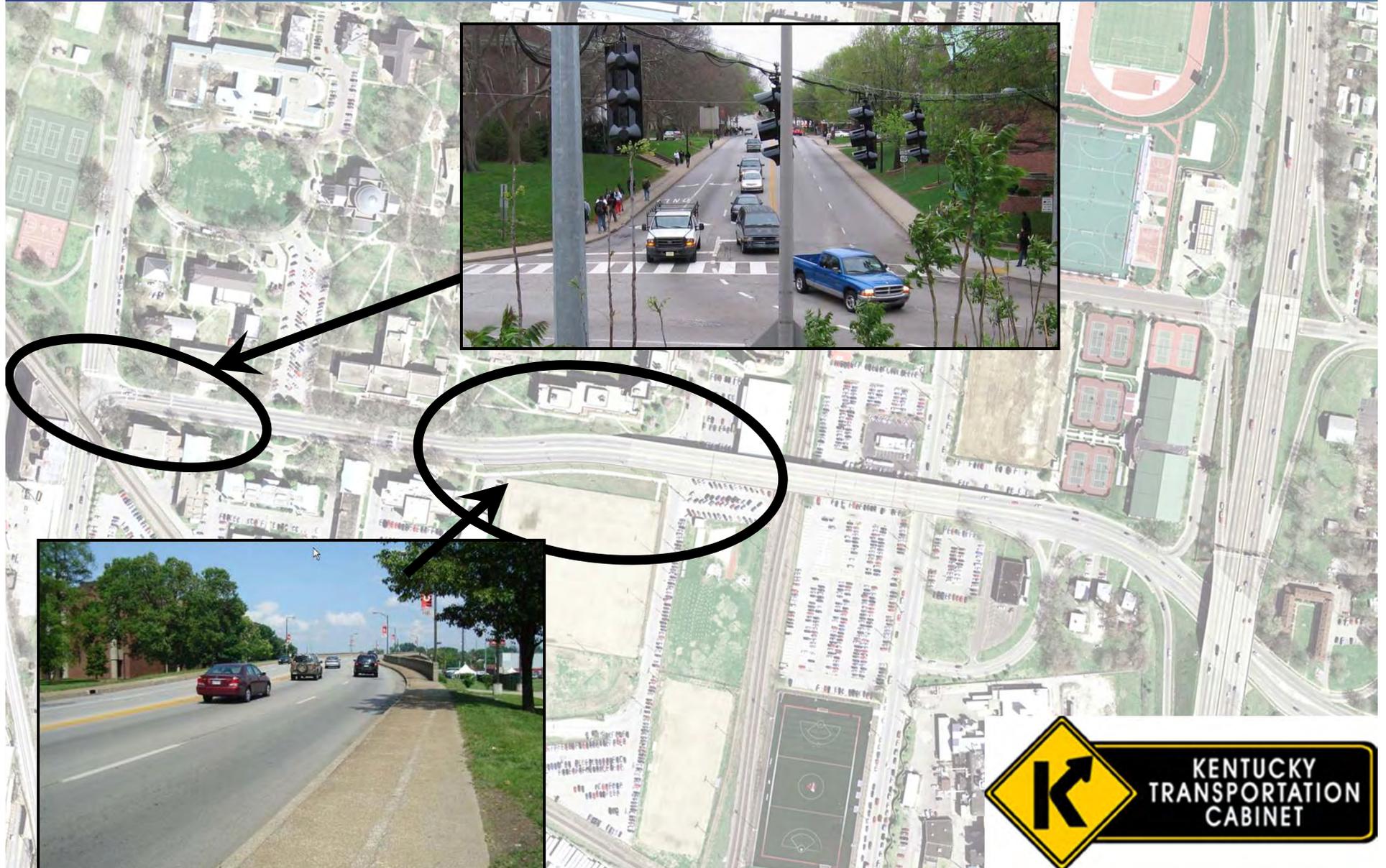


# Warnock / I-65 Improvement





# Eastern Parkway Improvements

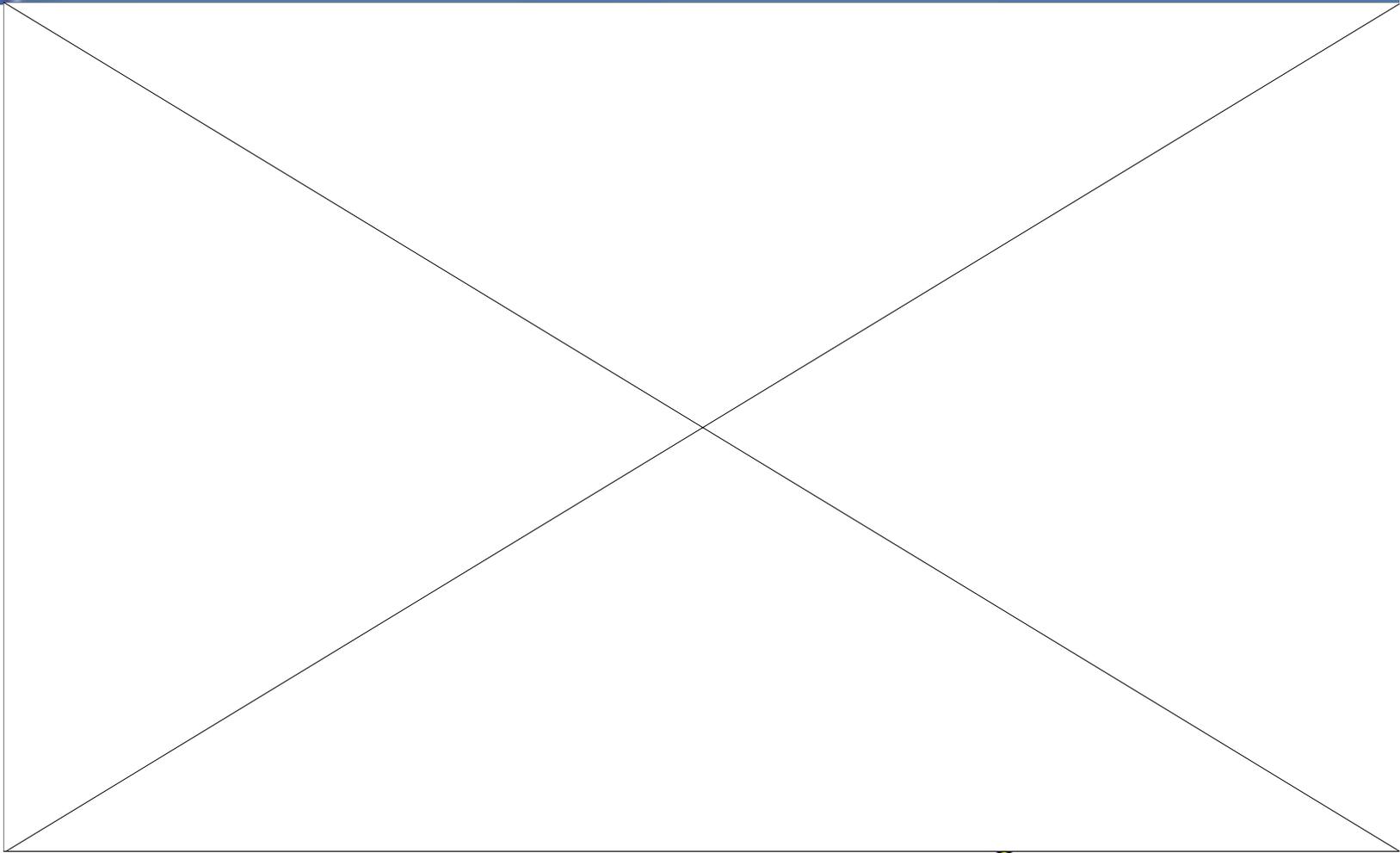


**URS**

# Bridge Repair



# Vehicles vs. Pedestrian



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



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



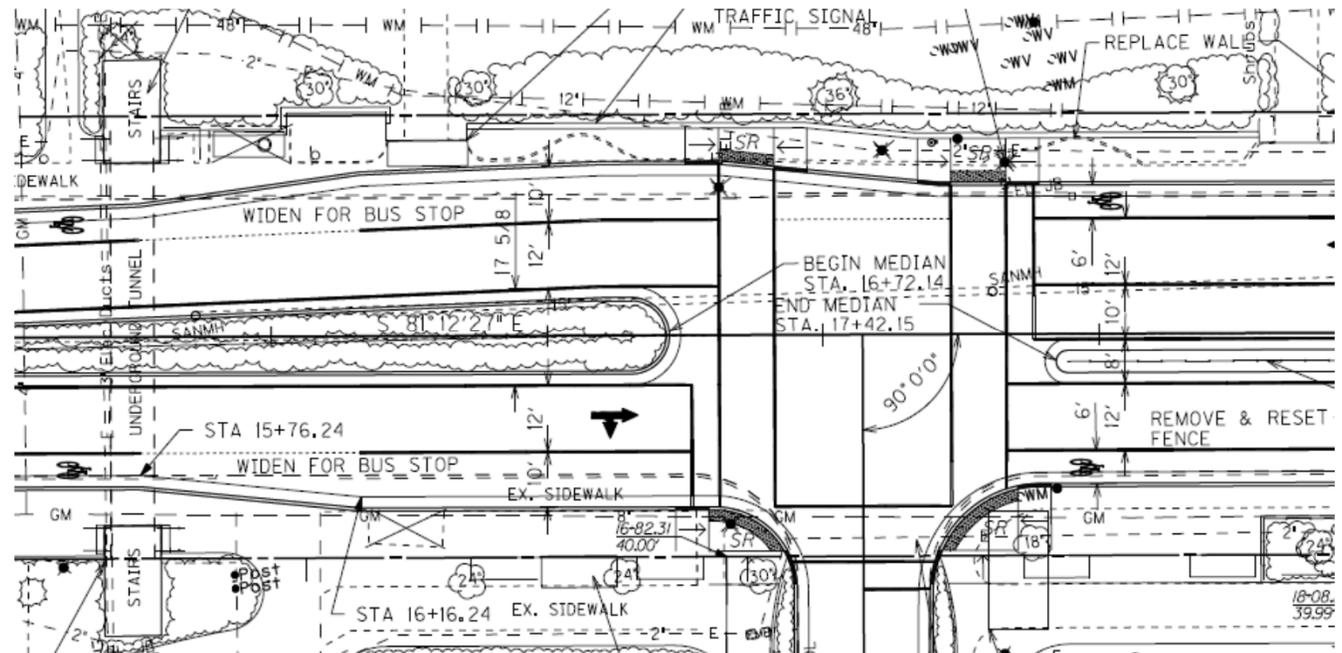
- 3 Projects grouped to control schedule
  - (5-397, 5-964.10, 5-1050)
- FD39
- FD04
- TE Funds
- ARRA TE Funds
- BRO Funds
- HES (HSIP) Funding
- U of L matching funds
- THANKS IVAN!!!



- Context Sensitive
- Complete Street Concepts
  - Designed for Access of All Users
    - Bikes
    - Peds
    - Transit
    - Auto
  - No One Design Template



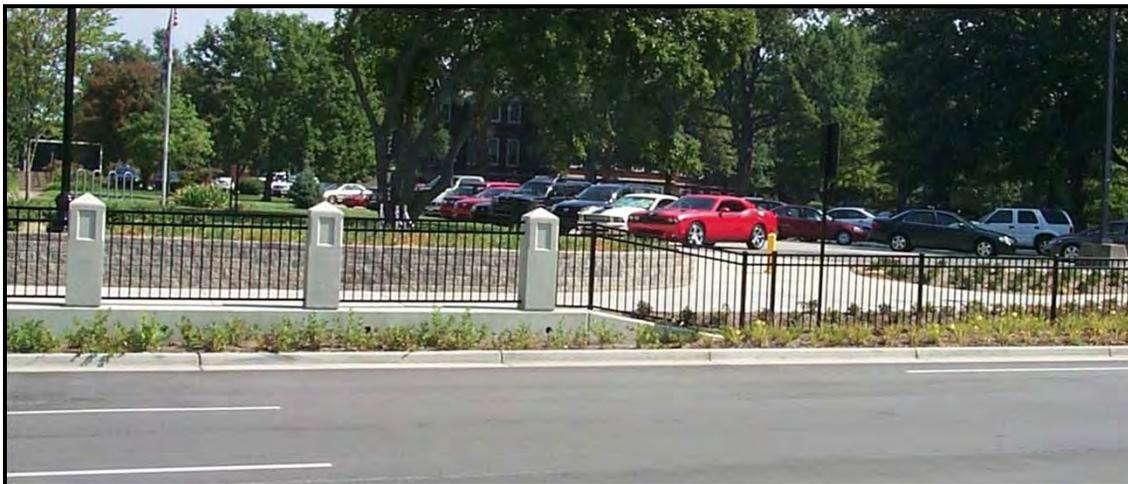
- Roadway Plan Set
  - New ADA Sidewalks
  - Audible Ped Signals
  - Bike Lanes
  - Bus Pullouts



- Landscaping Plan



- Restricting Pedestrian Movements
  - Ornamental Fencing
  - Elevated Sidewalks

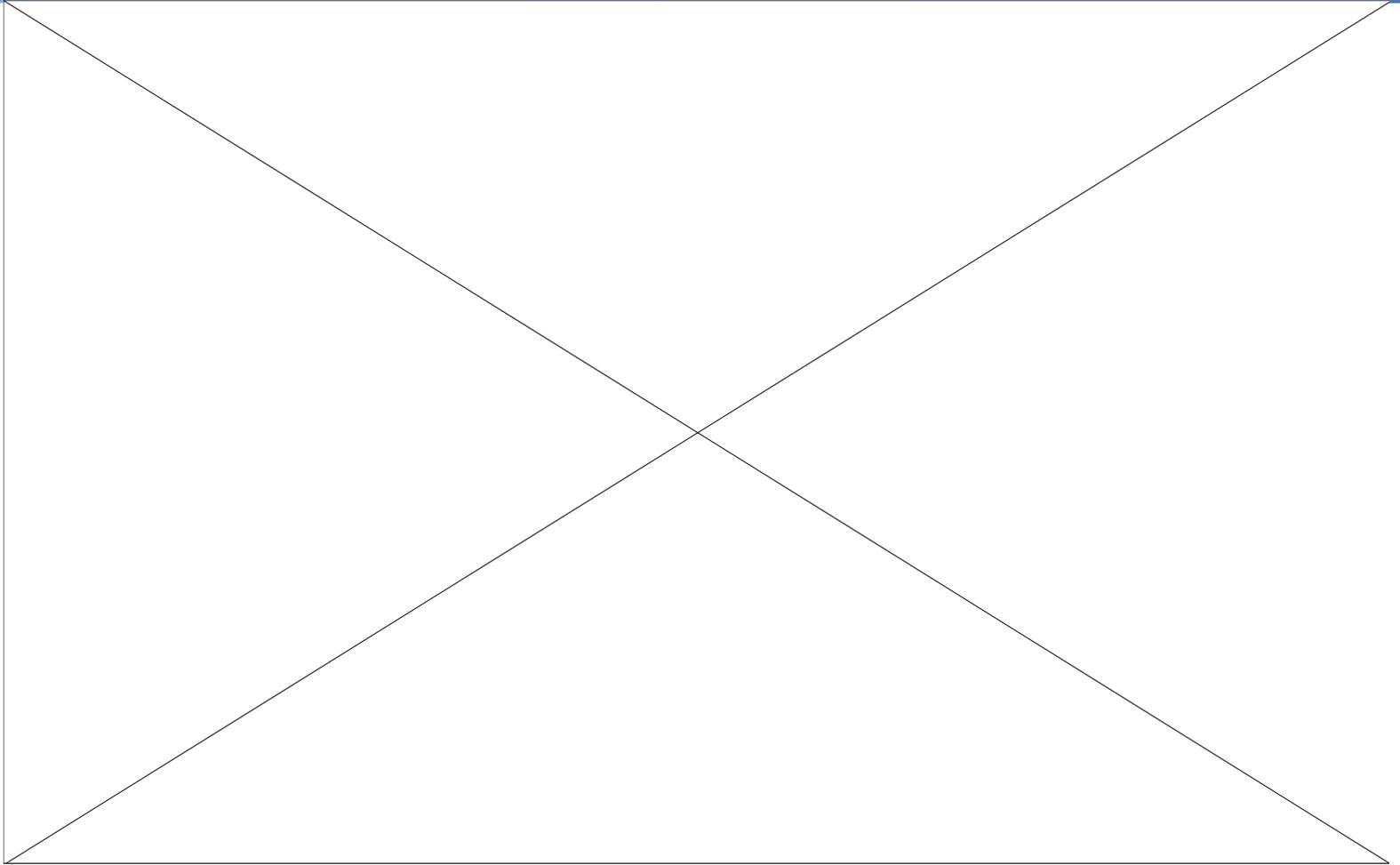




- U of L Speed School Circle Drive Eliminated
- Gated Lot Entrances Eliminated
- Pedestrian Tunnel Closed
- US 60A Will Be Moved to Central Avenue



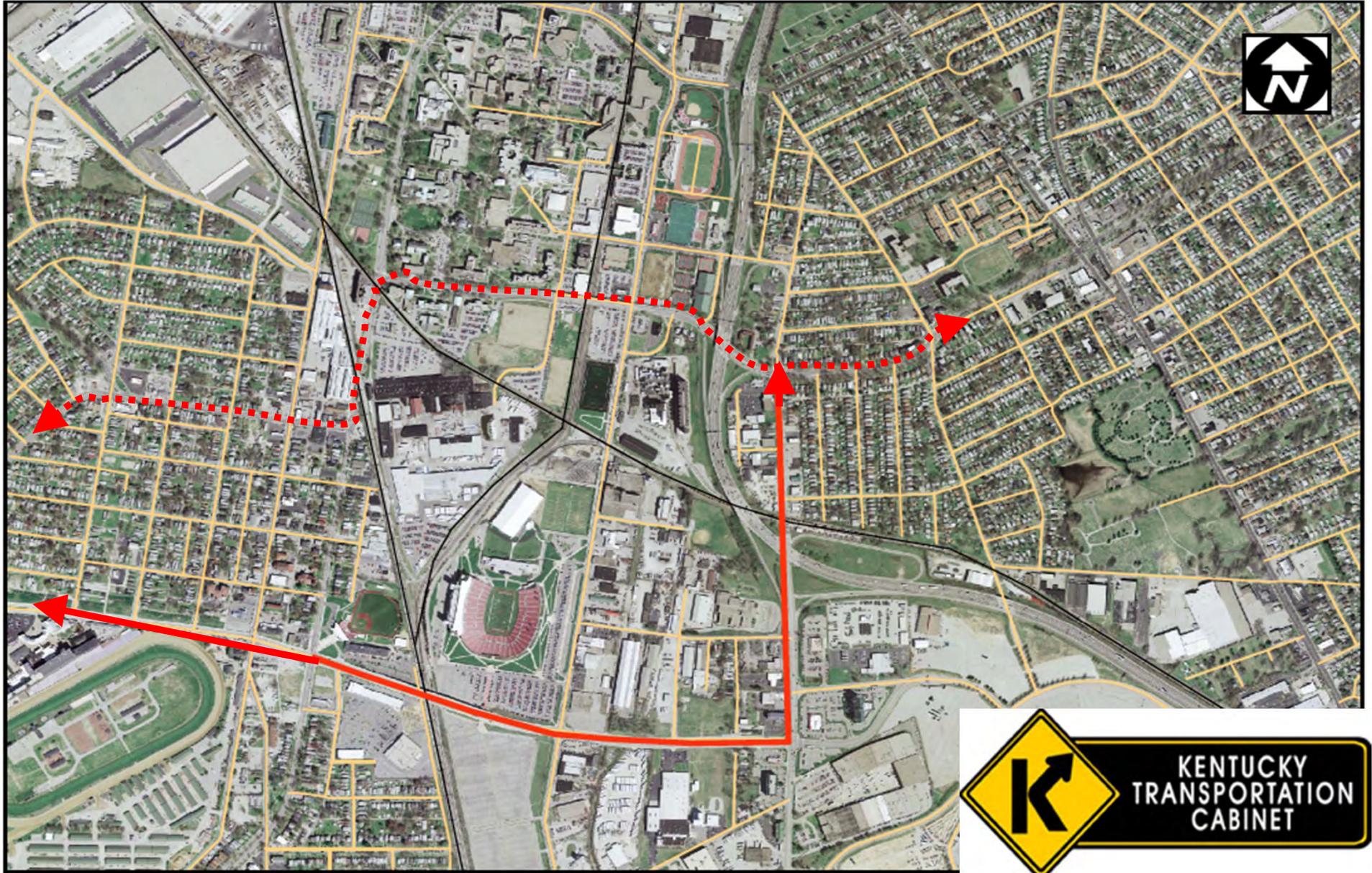
# Truck vs. Overpass



- Truck Height Detection System
  - Directs Trucks Away from Bridge
  - Optical Height Sensors
  - Also on 3<sup>rd</sup> Street



# Rerouting US 60A





# Warnock / I-65 Improvement

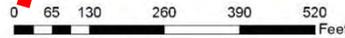
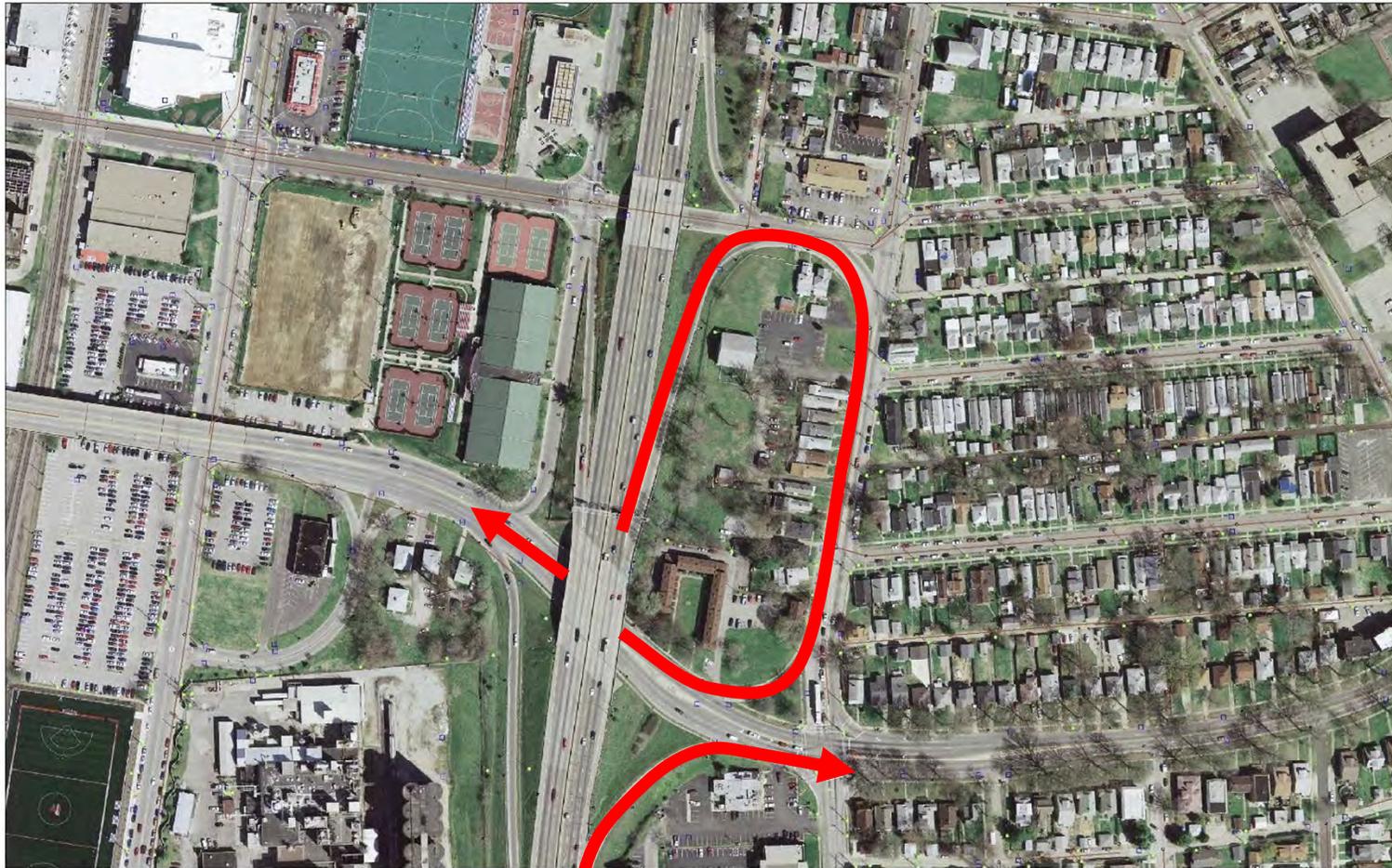


**URS**

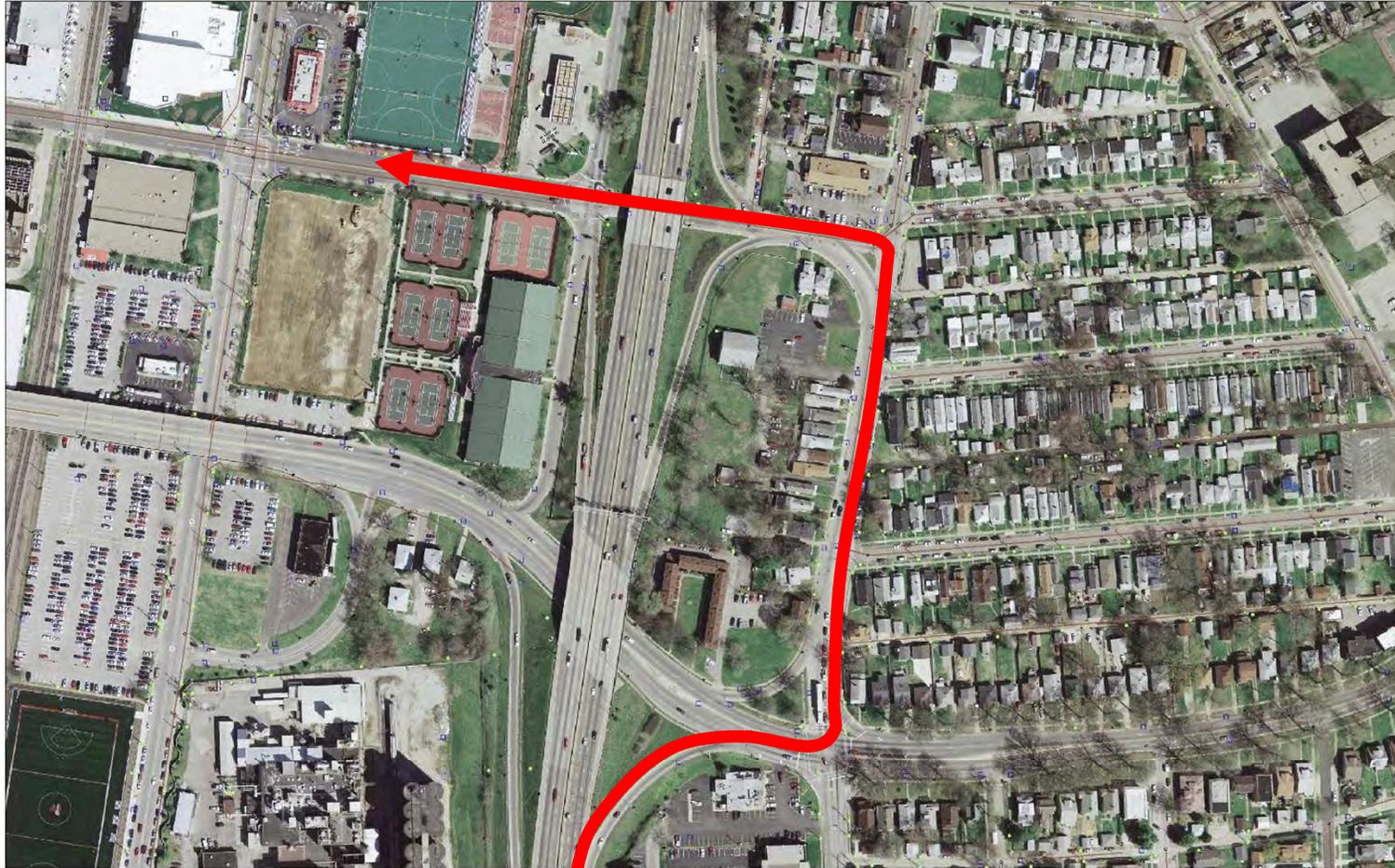
# Warnock Street Improvements



# Warnock Previous Conditions



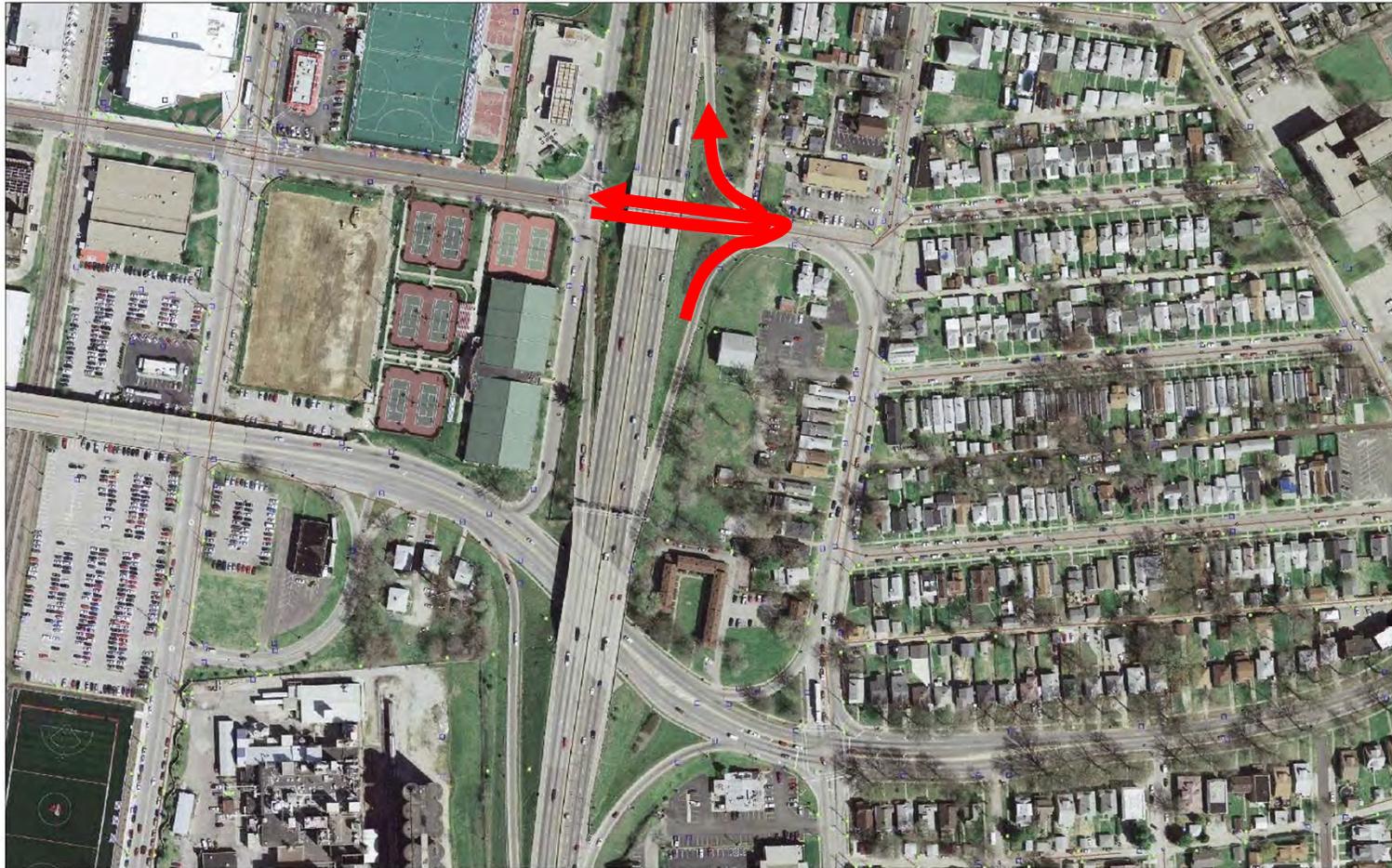
# Warnock Previous Conditions



0 65 130 260 390 520 Feet



# Warnock Previous Conditions

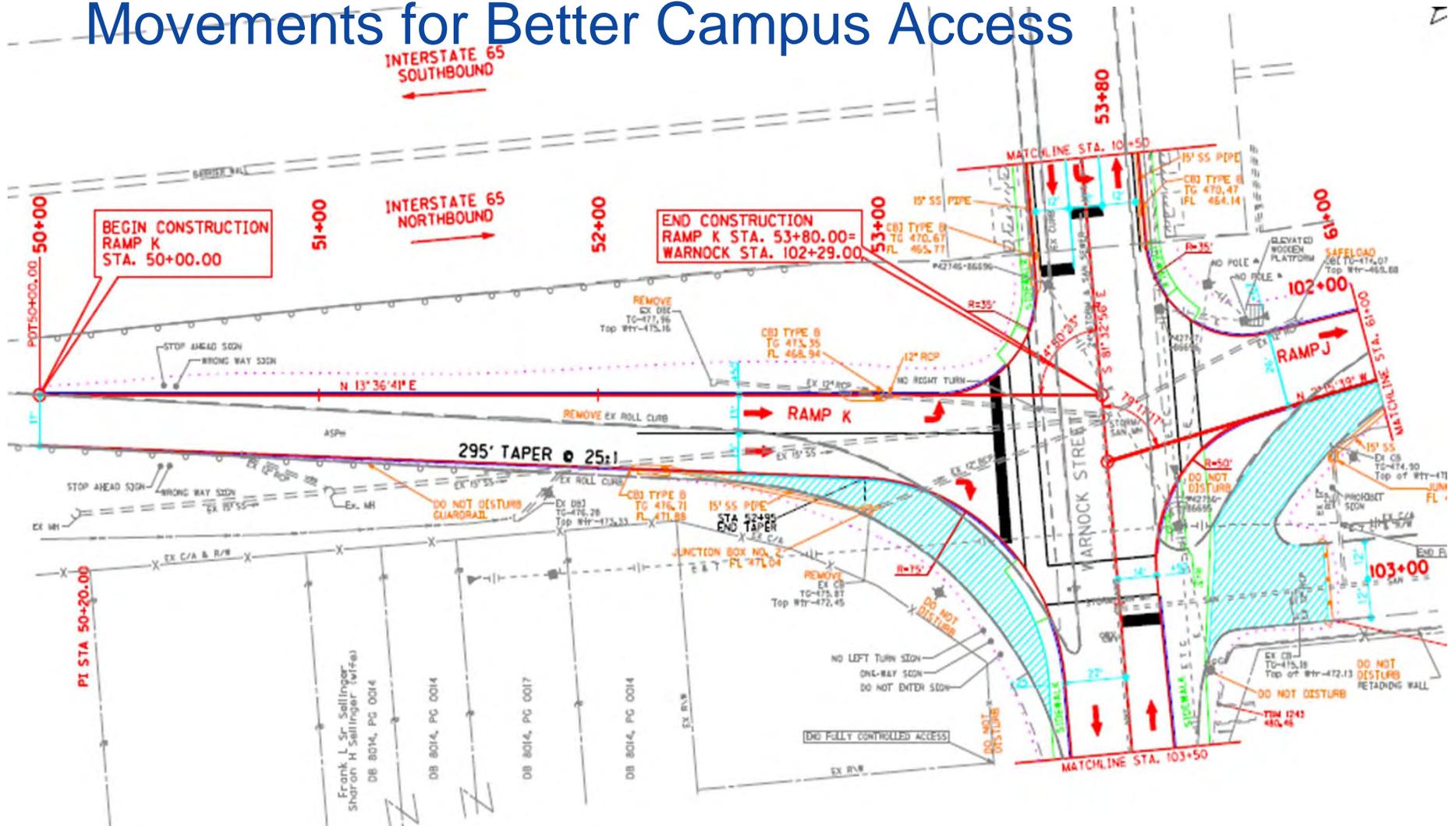


0 65 130 260 390 520 Feet



# I-65/Warnock Street Improvements

- Modified Ramps to Legitimize Illegal Left Turn Movements for Better Campus Access



- Other Improvements
  - New ADA Sidewalks
  - Added Left Turn Lane
  - Pedestrian Lighting
  - Traffic Signal System



# Eastern Parkway Bridge Repairs

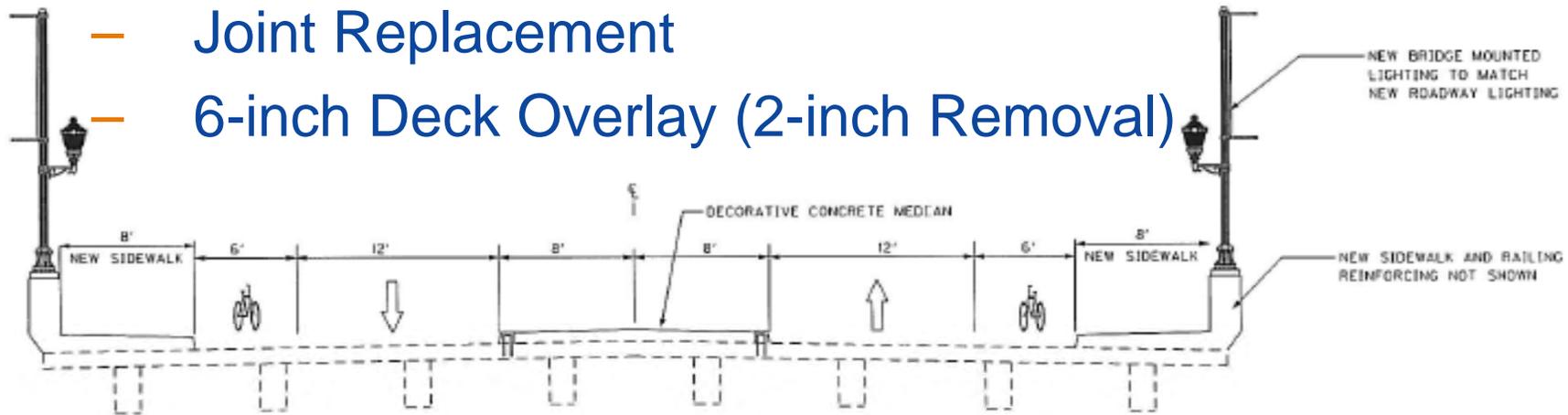


- 15 Span RCDG Bridge
- 794 Feet Long
- Nearly 60 Years Old
- Built to Cross CSX RR
- Also Crosses Floyd & Brook Streets



- **EASTERN PARKWAY BRIDGE**

- New Sidewalks & Railings
- Bike Lanes
- Textured Median
- Pedestrian Street Lighting
- Joint Replacement
- 6-inch Deck Overlay (2-inch Removal)



**EASTERN PARKWAY 2-LANE ON BRIDGE**  
**STA. 22+68.36 TO STA. 31+18.27**



# Eastern Parkway Bridge

- University of Louisville Coordination
  - U of L had to vacate office during portions of construction



- Texas Classic Railings (Precast)
- Pier Rehabilitation



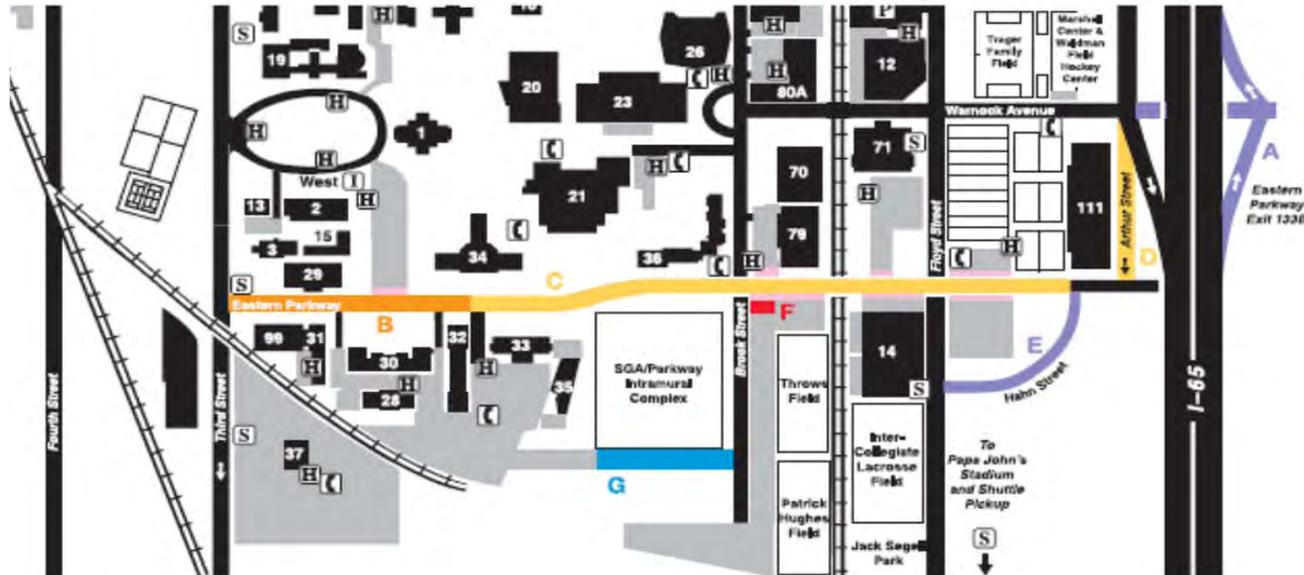
- CSX Coordination



- 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.



## Eastern Parkway Construction Belknap Campus



### Legend

- I-65 Eastern Parkway Exit 133B, I-65 North entrance ramp at Warnock Street, Warnock Street between Arthur and Crittenden Drive, and Hahn Street. Closed 16 days starting late August (Phase I).
- West end of Eastern Parkway between Third Street and the traffic light at JB Speed School
- Eastern Parkway between traffic light at JB Speed School to Hahn Street. Arthur Street between Warnock and Eastern Parkway. Closed from end of first phase through Dec. 31 (Phase II).
- Displaced parking
- Relocated red permit parking
- New blue and green temporary parking



- **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





- 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



