



Accidents like this one, on October 21, 2004, demonstrate the need for a faster solution to much needed widening in the downtown Knoxville area.



Project Timeline

The construction as currently planned will be performed in three phases. Two separate contracts will be bid for these three phases of work. The first construction contract includes work for Phases 1 and 2. The second construction contract will include Phases 3 and 4.

Phase 1 Construction (first contract)

- Hall of Fame Drive built to connect Summit Hill Drive and Broadway
- Glenwood Bridge over Hall of Fame replaced
- Summit Hill Bridge over First Creek and James White Parkway replaced
- Improvements made to several local streets
- Interchange between Hall of Fame Drive and I-40 built

YEAR MONTH	2005			2006			2007			2008			2009											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
Phases 1 & 2 (Hall of Fame Drive & James White Pkwy)																								
CONTRACTING PROCESS																								
HALL OF FAME DRIVE CONSTRUCTION																								
CLOSE JAMES WHITE PARKWAY																								
CHURCH AVE. BRIDGE																								
CONTRACTING PROCESS																								
Phases 3 & 4 (I-40 Mainline)																								
I-40 REROUTED TO I-640																								

Phase 2 Construction (first contract)

- James White Parkway closed for 10 months to minimize construction time
- Traffic between I-40 and downtown detoured to new Hall of Fame Drive interchange (vicinity of Broadway and 5th) providing continuous access between I-40 and downtown
- Ramp from I-40 eastbound to James White Parkway
- Church Avenue Bridge replacement

Phase 3/4 Construction (second contract)

- I-40 widened to three lanes in each direction from I-275 to Cherry Street
- During widening I-40 will be completely closed for 14 months and traffic diverted to I-640
- Fourth Avenue relocated to west side of I-40
- Interchange with James White Parkway completed
- Interchange with Cherry Street improved
- Access between downtown and I-40 east maintained via the Hall of Fame Drive interchange built in Phase 1
- Access between downtown and I-40 west maintained via the James White Parkway ramp built in Phase 2.

Contact Information

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smart**FIX****40**

BY TDOT

Accelerating Highway Construction



Tennessee Department of
Transportation

What Is SmartFIX?

SmartFIX is an accelerated construction process being utilized by the Tennessee Department of Transportation in order to speed up the construction and repair of highways and bridges in a condensed time frame where possible. The SmartFIX process involves a short-term, total road or bridge closure during a project. This provides ample space for work crews to do their jobs and provides the freedom to work around the clock without time limitations. This drastically reduces the time it takes to finish a project and the long-term inconvenience to motorists.

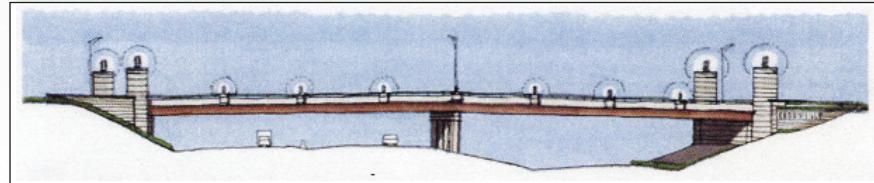
SmartFIX40

The first SmartFIX project in Tennessee is in Knoxville on I-40, from I-275 to Cherry Street and Hall of Fame Drive. The purpose of the project is to correct the roadway deficiencies and improve the flow of traffic on I-40 in this area. The project will add one through lane in each direction to I-40 bringing it to a total of 6 lanes. Auxiliary lanes will also be added between I-275 and James White Parkway and between Broadway and Cherry Street. Hall of Fame Drive will be a new 4-lane city street.

SmartFIX40 Facts

Project Background: Holding one of the worst safety records in the nation, this section of I-40 in Knoxville from Broadway to I-275 was built in the 1960s and is in desperate need of upgrading. This is the most expensive project in TDOT history and will widen the I-40 section to three lanes, reconfigure two major interchanges and make improvements to two

This is an artist's rendering of what the Hall of Fame Drive Bridge over I-40 will look like when completed. The bridge will link the new Hall of Fame Drive to Broadway and I-40.



major city streets. There are two contracts for SmartFIX40. One was recently let to contract and a second will go to contract in 2006 with the total cost for both estimated at around \$175 million.

First Contract

Contractor:

Ray Bell Construction Company, Inc., Brentwood, Tennessee

Contract Amount: \$85,081,160.87

Contract Letting: March 11, 2005

Estimated Completion: September 30, 2007

Second Contract:

Scheduled to go to contract in 2006

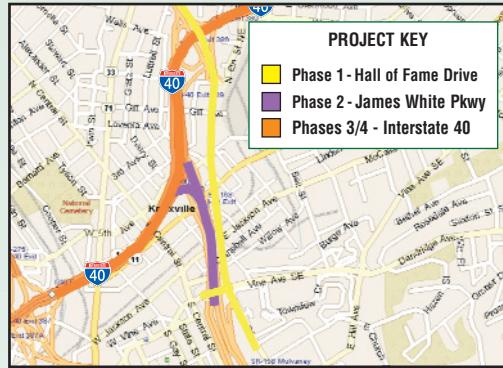
SmartFIX40 Q & A

Q: Since SmartFIX accelerates a construction project, how much time will be saved?

A: We anticipate at least 23 months or more of construction time will be eliminated by the accelerated construction process. This time savings has a major impact on motorists by saving them time and money sitting in slower traffic and seeking alternate routes.

Q: Will it cost the state any more to do the project using the SmartFIX method?

A: Actually, no. The cost for building the project using the traditional method or using the SmartFIX method is estimated to be very nearly the same. The reason is that the additional cost of traffic control



and the costs associated with risk/accident/safety would increase the cost of the project were it done in the traditional method. When the costs to motorists are added in for a longer construction project, we estimate that the traditional method would actually cost more in the long run.

Q: How will I get downtown if the interstate is closed during construction?

A: By constructing Hall of Fame Drive first, access to and from downtown will be maintained at all times from I-40. The only movement that will be closed on the interstate will be traffic traveling through town. This traffic will be diverted to I-640.

Q: Does the project include improvements for pedestrians and bicyclists?

A: Yes – for pedestrians, sidewalks will be improved on the city streets that are impacted by construction. For bicyclists, six-foot bicycle lanes will be built along both sides of Hall of Fame Drive. In addition, a ten-foot greenway will be built along 6th Avenue underneath I-40 that will connect to the existing City of Knoxville greenway system.

Q: Will this project include improvements to the Broadway/Hall of Fame Drive intersection near Old North Knoxville at Kenyon Drive?

A: The intersection of Broadway and Hall of Fame Drive is currently being reviewed. Additional community meetings will be necessary for this project, and community input will play a significant role in the final design.

Q: Will this project include sound barriers?

A: Yes – sound barriers will be constructed along the interstate corridor adjacent to the 4th and Gill and Parkridge communities.

Q: Will this project help the First Creek flooding problems north of the interstate?

A: Yes – First Creek currently flows in a box culvert under I-40. This box culvert will be replaced by longer span bridges, thus lowering the upstream headwater to help control flooding. In addition, the entire creek has been modeled to ensure that downstream problems are not created by allowing more flow through the I-40 crossing.

Q: If I want to use alternate transportation in the downtown area during the construction, what should I do?

A: Knoxville Area Transit's express services from Halls, Farragut and Cedar Bluff are alternatives into downtown and UT. Fixed route bus service is offered on major corridors Monday-Saturday until midnight, and on Sundays, 10 a.m.-6 p.m. Fare-free trolleys also serve downtown, the Coliseum area and UT on weekdays, 7 a.m.-6 p.m. The SmartTrips program offers help with carpools and vanpools, as well providing information on biking and walking. The SmartFIX40 office at the corner of N. 5th and N. 6th Streets is served by Route 23 Fairmont with a bus stop conveniently located next to the building.