

SmartFIX40

By the Numbers



TOTALS– PROJECTS ONE AND TWO:

- Construction Cost: \$190 – 200 million
- Additional contractor incentives (potential): \$13M
- 8 miles of roadway
- 54,815 cubic yards of concrete
- 1,179,523 cubic yards of dirt & rock
- 297,307 tons of asphalt
- 25 bridges
- 48 retaining walls
- 29 city streets improved

ROADWAY:

- Mainline (freeway): 2.5 miles
- City Streets: 4.0 miles
- Ramps / Frontage Roads: 5.2 miles

STRUCTURES:

- 25 bridges
- 1 cut-and-cover tunnel
- 48 retaining walls
- 7530 linear feet of noise barriers

TRAFFIC:

- Average Daily Traffic (ADT) = 101,000 vehicles
 - Eliminates all dangerous left-hand entrance and exit ramps
 - Removes two dangerous weaving sections
 - Provides six (6) through interstate lanes to increase traffic capacity
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WORK THAT WAS DONE DURING THE 14 MONTH CLOSURE:

- | | |
|-----------------------------------|--|
| • I-40 widened to 6 through lanes | • 5.6 million lbs of bridge reinforcing steel |
| • 4 auxiliary lanes | • 19,815 cubic yards of bridge concrete |
| • 13 Bridges | • 629,523 cubic yards of material (earth and rock) |
| • 15 Retaining walls | • 4,029 LF of noise walls |
| • 3 Noise walls | • 52,407 SF of retaining walls |
| • 5 Existing bridges demolished | • 262,005 tons of asphalt |
| • 7 New ramps | |
| • 12 Side roads completed | |

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PROJECT 1 PHASES I & II (HALL OF FAME DRIVE & JAMES WHITE PARKWAY):

- Completed September 2007 ahead of schedule awarded \$6 million bonus.
- \$85 million (contract cost)
- 5.8 miles of roadway
- 35,000 cubic yards of concrete
- 550,000 cubic yards of dirt & rock
- 35,302 tons of asphalt
- 12 bridges
- 33 retaining walls

PROJECT 2 PHASES III & IV (PRE CLOSURE CONSTRUCTION & I-40 CLOSURE):

- Completed June 2009 ahead of schedule – potential \$7 million bonus.
 - \$105 million (contract cost)
 - 5.9 miles of roadway
 - 19,815 cubic yards of concrete
 - 629,523 cubic yards of dirt & rock
 - 262,005 tons of asphalt
 - 13 bridges
 - 15 retaining walls
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PROJECT 1 PHASES I & II (HALL OF FAME DRIVE & JAMES WHITE PARKWAY):

Prime Contractor

Bell and Associates Construction Co.
Brentwood, Tennessee

Design and Construction Inspection Services

Wilbur Smith Associates
Knoxville, Tennessee

PROJECT 2 PHASES III & IV (PRE CLOSURE CONSTRUCTION & I-40 CLOSURE):

Prime Contractor (Joint Venture)

Charles Blalock & Sons Construction Co., Inc.
Sevierville, Tennessee
Bell and Associates Construction Co.
Brentwood, Tennessee

Design and Construction Inspection Services

Wilbur Smith Associates
Knoxville, Tennessee