www.tn.gov/tdot/projects/region-2/i-75-interchange-at-i-24
Project Purpose

Safety
Update weave at Welcome Center
Left-hand ramp exits
Improve substandard ramp geometry

Capacity
Decrease congestion
Increase interstate capacity
Improve traffic operations
Established
1946

5.5 million
TONS OF ASPHALT / YEAR

Operating Division:
- Asphalt construction
- Asphalt plans
- Bridge construction
- Concrete construction
- Roadway construction
- Major projects

Cities:
- Chattanooga
- Marietta
Alternative Technical Concepts (ATCs)

- Derived during Proposal Phase
- Presented to TDOT Design-Build Committee
- Discussed with Design-Build Project Team
- TDOT either accepts or rejects
Before: Original Functional Design Plan

Plan Originally Included:

• I-75 over ramps
• East-to-North ramps on top of existing alignment
• Steel bridges in all curves
• Bridge 7 to be over 600 feet long
After: Our Proposed Design

- No ramps on existing alignments (reducing construction time)
- All bridges are concrete
- 11 of 14 new bridges are single span
- I-75 at grade
PHASE 1
Work outside of traffic

PHASE 2
I-75 North Traffic Shift to Ramp D

PHASE 3
Completion
**PHASE 1**
Work outside of traffic

**PHASE 2**
I-75 North Traffic Shift to Ramp D

**PHASE 3**
Completion
PHASE 1
Work outside of traffic

PHASE 2
I-75 North Traffic Shift to Ramp D

PHASE 3
Completion
500+ Days Saved

Number of Contract Days

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Project by the Numbers

- 14 new bridges
- 20 retaining walls
- 7.5 miles of interstate
- 14 high mast lights
- 92 light standards
- 15 smart work zone signs
- 20 months to build
9.38 acres of permanent wetland impacts

2.23 acres of temporary wetland impacts

295 feet of shading (stream impacts)
Project Phasing

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<th>Q1 2019</th>
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**Geotechnical**
- NPDES Permit (Geotech Phase)
- Geotech Improvements

**Environmental Permits**
- Permit Reviews
- Permitting Complete

**Construction**
- NPDES Permit (Full Const.)
- Roadway Construction
- Weekend Plug Event
- Complete Project

Legend:
- TODAY
- DESIGN
- BUILD
- PERMITTING