I-270 North Design-Build Project

East-West Gateway Council of Governments

Location

- I-270 from I-70 to west of Riverview Interchange

The Design-Build Process

Leverages private sector **innovation** to build on existing conceptual designs through a competitive process.

MoDOT will shortlist between two and five design-build teams to compete for the $225 million contract.

TYPICAL TIMELINE

Design-Bid-Build

Design-Build

ADVANTAGES OF A DESIGN-BUILD

Faster Construction

Promotes Innovation

Reduces Costs

Improves Quality

Project Goals

1. Deliver the Project by December 1, 2023 within the program budget of $225 million.
2. Maximize reliability and safety while linking communities for all users.
3. Provide a durable and maintainable transportation network making Interstate 270 the conduit for a prosperous region.
4. Grow and utilize a diverse workforce.
5. Minimize and mitigate impacts to customers through innovation.

Goal 1: Deliver the Project by December 1, 2023 within the program budget of $225 million

Goal 2: Maximize reliability and safety while linking communities for all users

CURRENT ISSUES

- One of the heaviest traveled interstates in Missouri
- 140,000 vehicles travel the corridor daily
- 18% heavy trucks
- Limited pedestrian facilities

2013-2017 CRASH DATA (I-70 to Riverview Drive)	
Fatal	20
Serious/Disabling	76
Minor	874
Property Damage Only	1497

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Goal 3: Provide a durable and maintainable transportation network making Interstate 270 the conduit for a prosperous region

PLANNED IMPROVEMENTS

- Replace New Florissant Road (Rte N) and New Halls Ferry Road (Rte AC) bridges
- Improve Dunn Road (367 to Howdershell Road) pavement
- Desired Outcomes:
  - Increase life spans
  - Reduce long-term maintenance

Hole Through Bridge

Bridge Girder Corrosion

Aging Pavement

Goal 4: Grow and utilize a diverse workforce

DISADVANTAGED BUSINESS ENTERPRISE (DBE) GOALS

- 18% for construction activities
- 22% for professional services activities

WORKFORCE GOALS

- 14.7% Minority
- 6.9% Female

TRAINING PARTNERS

MOKAN – St. Louis Construction Contractors Assistance Center

Building Union Diversity B•U•D

Project Connect

SLATE – St. Louis Agency on Training and Employment – Missouri Job Center

Transforming Missouri Businesses – Missouri Business Development Program

AGCMO

Saint Louis CJAP

Department of Transportation United States of America

Goal 5: Minimize and mitigate impacts to customers through innovation

MoDOT will work with the winning team to communicate with the public and minimize impacts to traffic during the project. MoDOT utilizes emails, website updates, DMS boards, public meetings, and social media.

Traffic Monitoring

DMS Boards

Public Meetings

Why Design Build

THE NEW I-64

daniel boone bridge

364 PHASE 3

I-270 NORTH
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141 INTERSTATE 44
Design Build

Road to Saving Lives

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What's Next

- I-270 North team will go 'silent' between end of June to early Nov
- After the commission has awarded the best value and the contract is negotiated/signed, we will schedule another combined meeting with the Elected Officials and CAG
- Visit the website and subscribe for email updates at www.i270north.org
- Send an email to i270north@modot.mo.gov
- Invite MoDOT to present to your organization