



# I-270 North Design-Build Project

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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

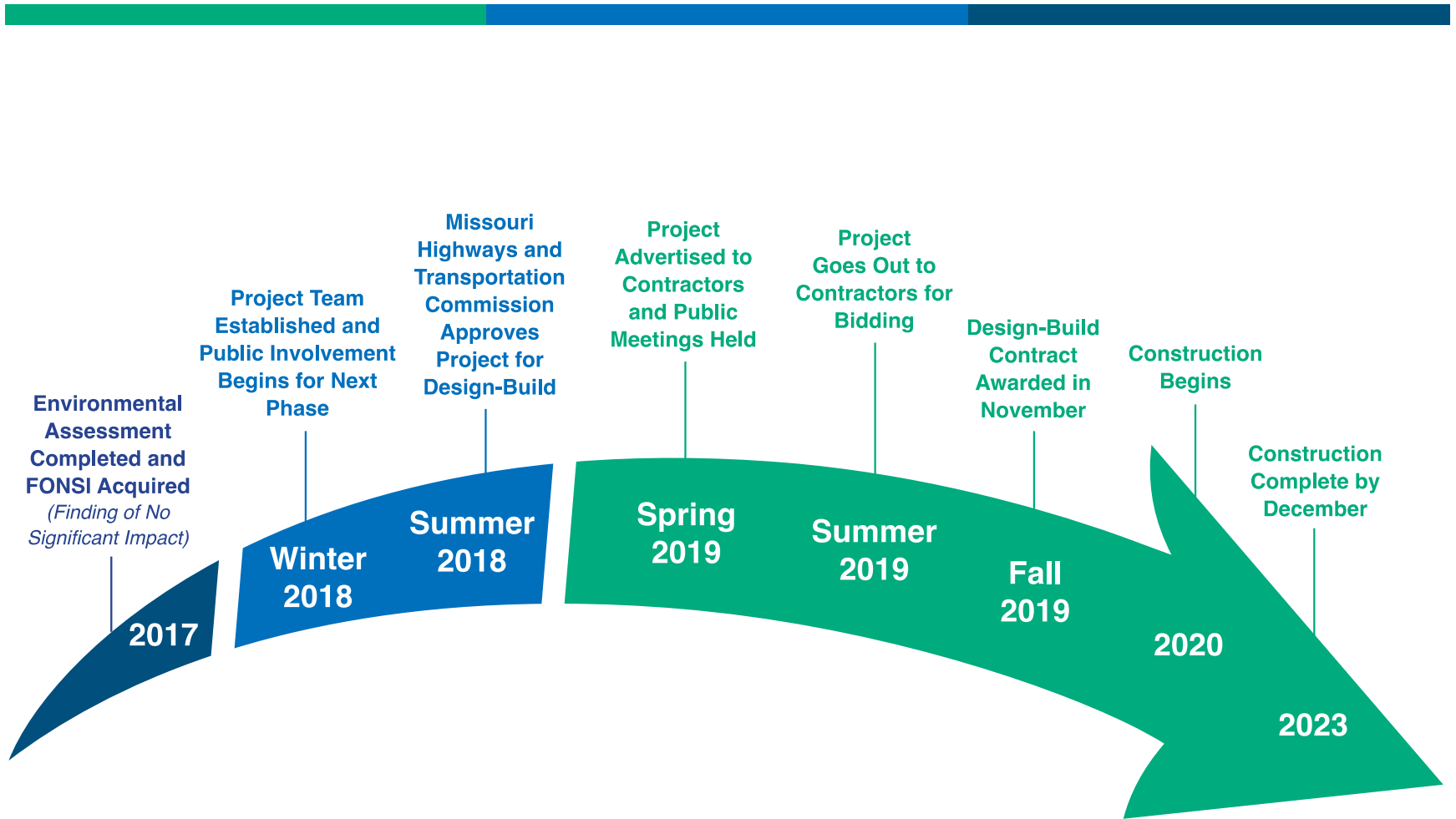
# Project Goals

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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.



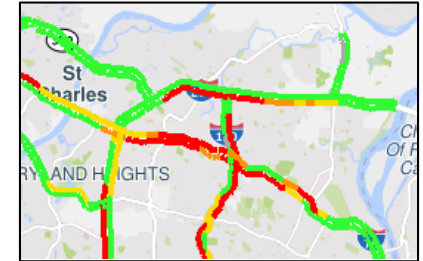
# Goal 1: Deliver the Project by December 1, 2023 within the program budget of \$225 million



# 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

# 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



Aging Pavement



Bridge Girder  
Corrosion

## 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





## Goal 5: Minimize and mitigate impacts to customers through innovation

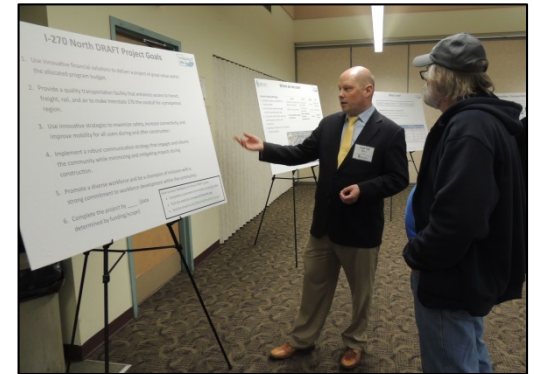
MoDOT will work with the winning team to communicate with the public and minimize impacts to traffic during the project. MoDOT utilizes emails, website updates, DMS boards, public meetings, and social media.



Traffic Monitoring



DMS Boards



Public Meetings

# Why Design Build



# What's Next

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- ❑ 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](http://www.i270north.org)
- ❑ Send an email to [i270north@modot.mo.gov](mailto:i270north@modot.mo.gov)
- ❑ Invite MoDOT to present to your organization

