



I-270 North Design-Build Project

Industry Meeting

April 30, 2019



Today's Topics

- ❑ Project Goals
- ❑ Procurement Schedule Update
- ❑ Project Budget Update
- ❑ Project Description
- ❑ Risk Allocation
- ❑ RFQ
- ❑ Early Release Information
- ❑ Draft ITP
- ❑ Configuration Requirements



Goals

1. Deliver the project by December 1, 2023 within the anticipated contract amount of \$243 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.

* New budget is pending on Commission and East West Gateway approval



Schedule

Milestone	Tentative Date
RFQ & Industry Meeting	Tuesday, April 30, 2019
Receive SOQs	Thursday, May 23, 2019
SOQ Shortlist	Monday, June 3, 2019
RFP	Wednesday, June 26, 2019
Proposals Due	Thursday, October 3, 2019
Best Apparent Value Selection	Wednesday, November 6, 2019
Project Completion	Friday, December 1, 2023

Budget

- Anticipated Program Budget: \$252* million
 - Stipends (\$750,000 per responsive proposal)
 - Utilities
 - Design-Build Contract: \$243* million
 - Fixed Price/Best Value – Final Contract Amount in RFP
 - Transportation Alternative Program (TAP): \$4.4 million
 - Exclusively for Bicycle and Pedestrian Improvements
 - Safety Funds: \$3.1 million
 - Exclusively for Safety Improvements
- * New budget is pending on Commission and East West Gateway approval

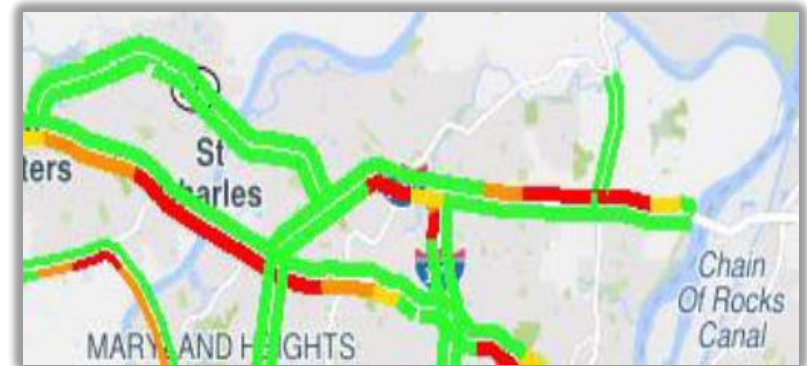
Purpose & Need Overview

- ❑ One of the heaviest traveled interstates in Missouri
- ❑ 140,000 ADT
- ❑ 18% heavy trucks
- ❑ Limited pedestrian facilities

**2013-2017 Accident Data I-270
(MO180 to Riverview)**

TYPE	ALL ACCIDENTS
Fatal	17
Serious/Disabling	71
Minor	833
PDO	2340
Total*	3261

2018 AM



2018 PM



Risk Allocation

- MoDOT is proactively working on these risk areas:
 - Utility Coordination
 - Third-Party Agreements
 - Environmental Clearances
 - FUSRAP
 - ROW

Utilities

□ Airport Fuel Lines

- Buckeye and St. Louis Pipeline cross I-270 near the Washington/Elizabeth Bridge (Reimbursable)

□ CenturyLink

- Developing a design at MoDOT's expense to move facilities outside of Outer Roads
- Potential for early relocates, but we will be coordinating with the successful proposer based on design during the contract

□ Other Utilities within project limits

- MoDOT has been meeting with Utilities to discuss the project and requesting UIS based on Preferred Alternative design as a reference that will be provided
- Ameren, Spire, Missouri American Water, Charter, ATT-D, ATT-T, MCI Verizon, Hazelwood, St. Louis County, and Windstream

Draft Third-Party Agreements

- ❑ Metropolitan Sewer District (MSD)
 - MoDOT developing a draft agreement and outlining a standard operating procedure for design
 - ❑ More than 30 facilities MoDOT ties into along the corridor
 - ❑ Need to be knowledgeable in MSD requirements and design
- ❑ St. Louis County
 - St. Louis County will coordinate with contractor but will be responsible for implementing signal timing changes
- ❑ Municipalities
 - MoDOT continues to coordinate with municipalities



FUSRAP

- ❑ MoDOT has been working with USACE over the past six months to outline various paths
- ❑ Standard practices and other information will be provided in the RFP

Safety Measures during Remedial Activities

- Public and worker safety are our top priorities.
- Segregating the remedial work area from the public.
- Restricting area around the remediation area to prevent the spread of contamination to uncontaminated areas.
- Fencing to control unauthorized access to the work area.
- Appropriate warning signs, barricades, and rope to demarcate contaminated areas.



Safety Measures Cont.

- Air monitoring is conducted continuously during work hours.
- Air monitoring locations are chosen based on the excavation location, wind direction, and the activities to be performed.
- Dust is controlled by spraying the soil with water
- Geotextile fabric is used as cover for spoils piles as needed.



Safety Measures Cont.

- Trucks have sift-proof gates and are covered with a tarp.
- Trucks are visually inspected for the presence of soil/sediment/debris and the exteriors are cleaned, if necessary, prior to leaving the remediation area.



- Trucks are radiologically surveyed prior to leaving the remediation area.
- Truck haul routes are radiologically surveyed weekly.
- All personnel and equipment that exit restricted area are surveyed before leaving the area.



Request for Qualifications

❑ Submitter Experience (40 Points)

- Executive Summary
- Reference Projects

❑ Key Personnel (40 Points)

- Project Manager
- Design Manager
- Construction Manager
- Quality Manager
- MOT Manager
- Utility Manager

❑ Oral Presentations (20 Points)




Oral Presentations

- ❑ Wednesday, May 29, 2019
- ❑ Only Key Personnel allowed and must attend
- ❑ Questions, location, and appointments will be given to Proposing Teams at Statement of Qualification Submittal
- ❑ 65-85 minutes in length
- ❑ Interview format
- ❑ No handouts, material, and presentations of any format allowed


Ineligible Firms

- ❑ The following firms are serving as MoDOT's owner representative and are ineligible to compete:

- WSP 

- David Mason & Associates 

- Vector Communications  VECTOR COMMUNICATIONS_{SM}

- M3  ENGINEERING GROUP

- TSI  geotechnical, inc.

- KES  KES KYINDO ENGINEERING SERVICES

- CRS Engineers 

- Bowlby & Associates  Bowlby & Associates, Inc.

Information Release

□ Early release:

- As-built plans
- CADD files with Right of Way and utilities
- Environmental Assessment
- Geotechnical Report
- Proposed Bridge Type, Size, and Locations (TSL)
- Key Personnel

□ To be released at a later date:

- VISSIM Models

□ For access, complete the form on the Contractor page of the project website



Draft ITP

- ❑ Subject to Change
- ❑ Scoring Categories
 - Project Definition (60 Points)
 - MOT and Schedule (30 Points)
 - Public Communications/Involvement (10 Points)
- ❑ To be included in Early Release information
- ❑ Feedback about Draft ITP due by May 13
- ❑ Send feedback to
I-270NorthIndustryInformation@modot.mo.gov



Draft Configuration Requirements

- ❑ Replace I-270 bridges over Rte N and AC
- ❑ Dunn Road pavement improvements
 - Howdershell Rd to Route 367
- ❑ Replace type A segmented median barrier
- ❑ \$4.4 million in transportation alternatives
 - Must address all existing facilities in the corridor
- ❑ \$3.153 million in safety improvements
 - Improvements must provide a Benefit-Cost Ratio greater than 1

Contacts

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