



**TDOT**

Department of  
Transportation

## I-275 BRIDGE OVER ELM ST/BERNARD AVE

Contractor  
PRE-PROPOSAL MEETING

6/9/2023



# Pre-Proposal Meeting Agenda

**\*Be sure to sign in\***

Contractor Sign-In

Welcome & Introductions

CM/GC Process

Project Overview

Conceptual Roadway & Bridge Plans

RFP Information

TDOT Project Website

Questions

# TDOT Project Management Team



Jason Sholtz, P.E. | Operations District Engineer

Clayton Markham, P.E. | Director of Alternative Delivery

Kimberly Welch, P.E.  
TDOT Project Manager  
615-557-4502  
[Kimberly.welch@tn.gov](mailto:Kimberly.welch@tn.gov)

TDOT Project Team Functional Areas  
Geotechnical, Utilities, Structures, Traffic, Design,  
Environmental, and many others

# Design Project Team



Carter Bearden, P.E.  
Design Project Manager  
629-228-7513  
[Carter.Bearden@hdrinc.com](mailto:Carter.Bearden@hdrinc.com)

John Sherk, P.E. | Deputy Design Project Manager

Brian Reynolds, P.E. | HDR Roadway Design Lead

Evan Graves, P.E. | HDR Structural Design Lead

Jim Gu, P.E. | HDR ITS & Lighting Design Lead

## Subconsultants

### **S&ME**

Geotechnical Services

**Wilson & Associates**

Surveying

# CM/GC Process

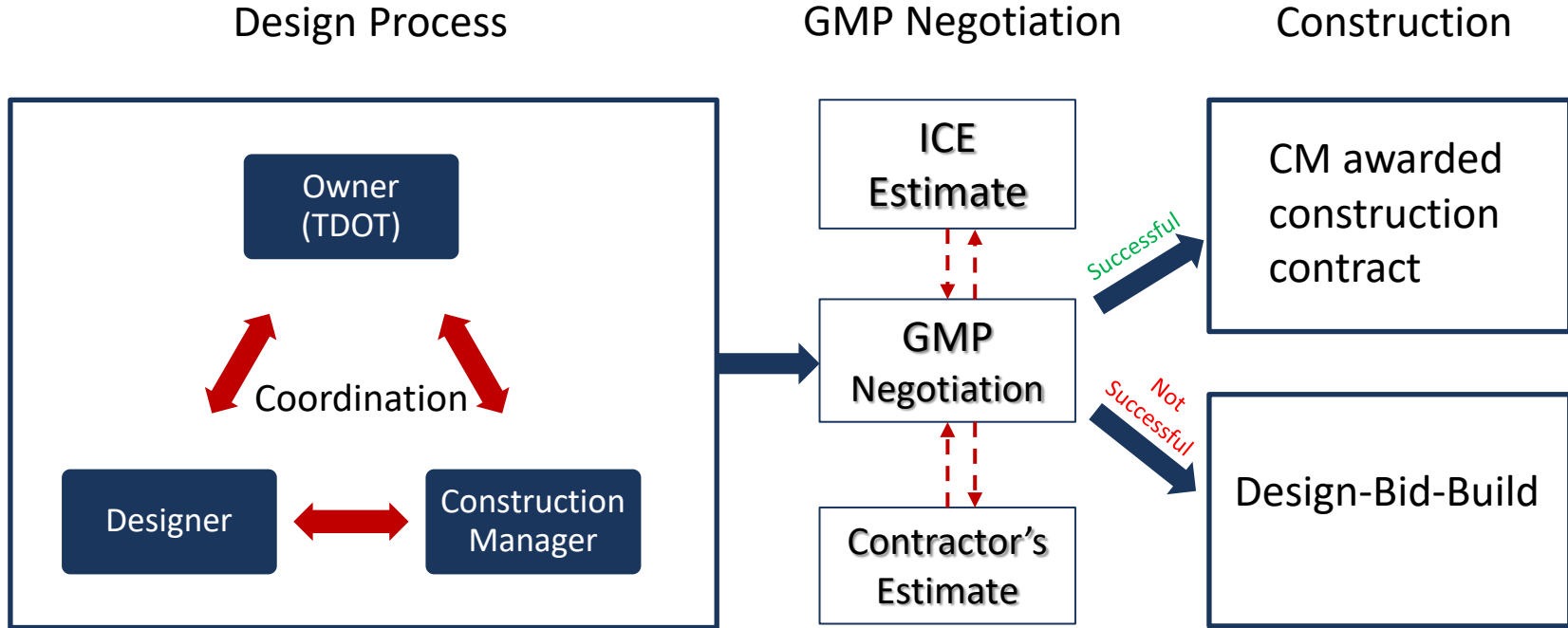
## CM/GC

- Utilizes an integrated team consisting of the owner (TDOT), Designer (HDR), and Contractor during the design phase to facilitate a collaborative partnership.
- Collaborative partnership allows for the owner to solicit feedback on constructability, material procurement, and cost from the contractor.
- Opportunity to tailor the design to the contractor's means and methods.

## CM/GC Goals

- Improve the construction schedule
- Reduce risk in all phases of the project
- Utilize innovative construction techniques to meet the goals of the project within budget

# CM/GC Process



# CM/GC Process

## Design Phase Contractor Responsibilities

**At each design submittal milestone, the contractor will provide:**

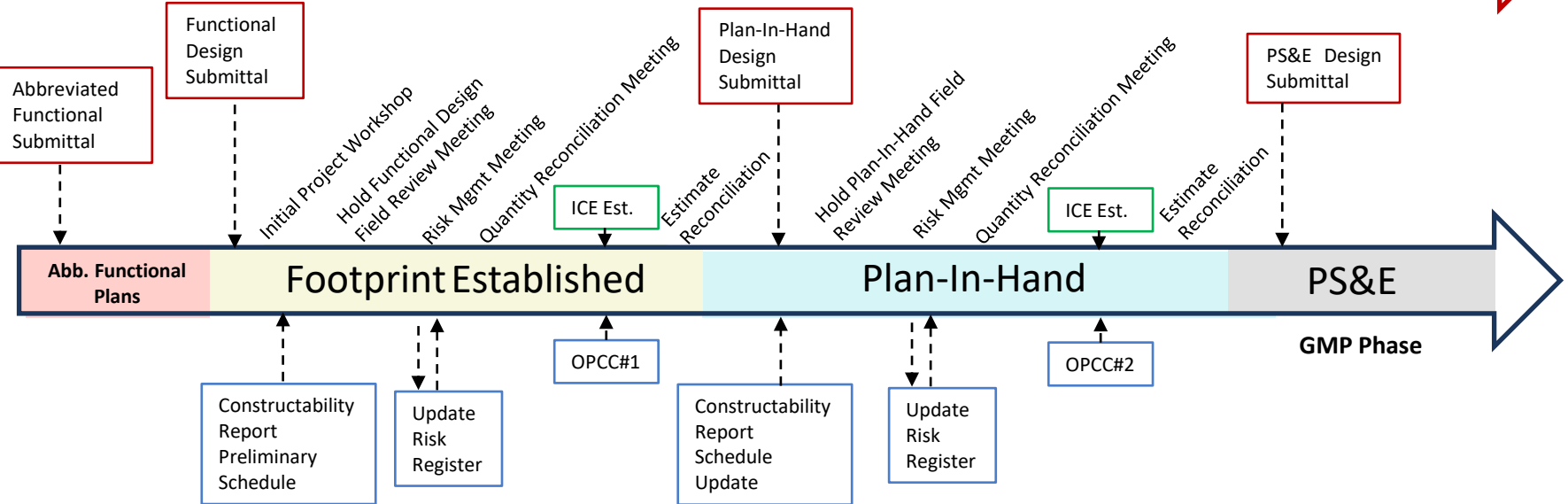
- Constructability Report
- Schedule Update
- Updated Risk Register
- Opinion of Probable Construction Cost

# CM/GC Process

Design Consultant Responsibilities

## Continuous Design Consultant Responsibilities:

Collaborate with Contractor for Innovative Designs, Assist with Risk Management, Support Constructability Analysis, Evaluate Contractor Alternatives



Contractor's Responsibilities

Continuous Contractor Responsibilities: Collaborate with TDOT and Design Consultant for Innovative Designs, Review Constructability, Review Construction Plans and Specs, Monitor Schedule Impacts, Recommend Long Lead Procurement Items, and Risk Management



# Project Overview

## Project Goals

Replace the existing bridge

Use Accelerated Bridge Construction (ABC) techniques

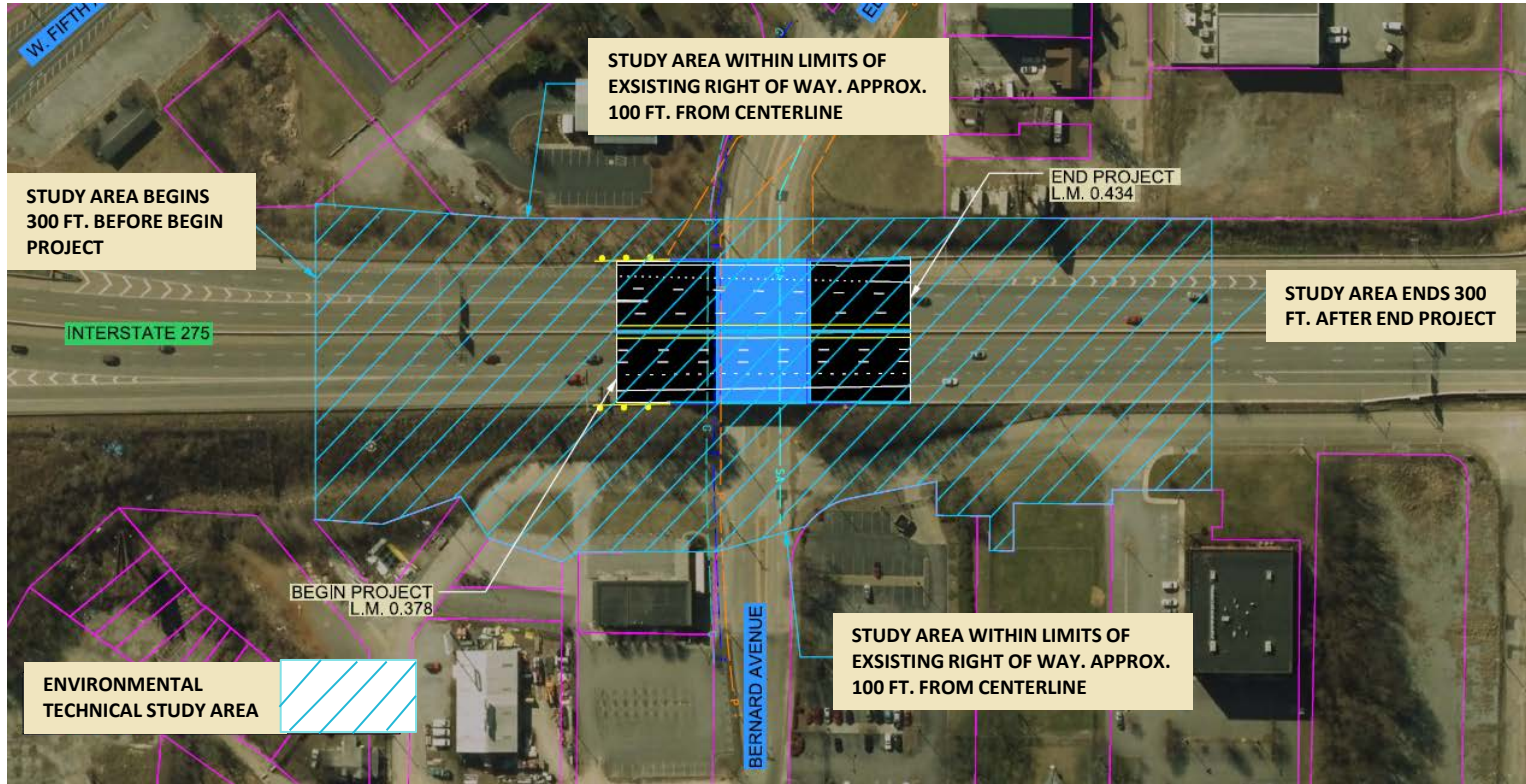
Maximize worker & public safety

Minimize impacts to the traveling public on I-275

Provide a high-quality innovative design & construction

Facilitate a collaborative partnership

# Project Overview



# Project Overview

## Utilities:

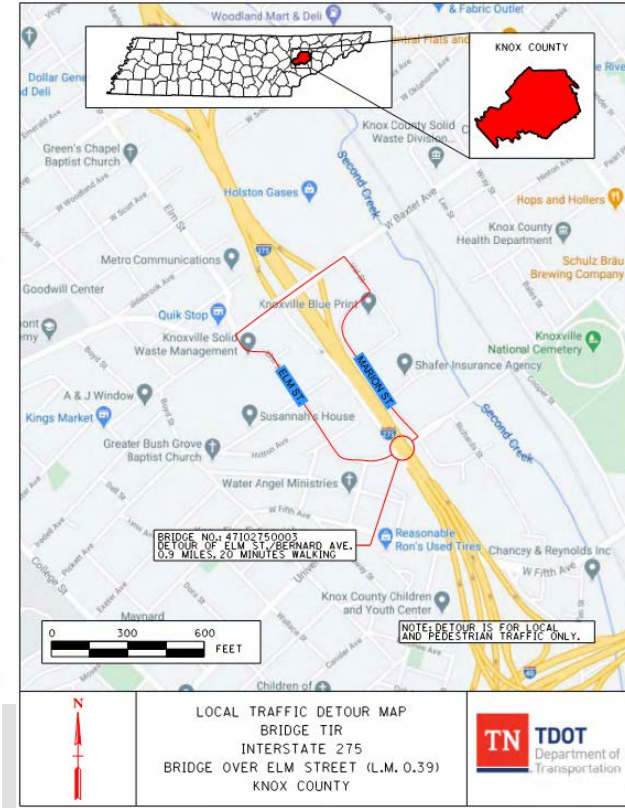
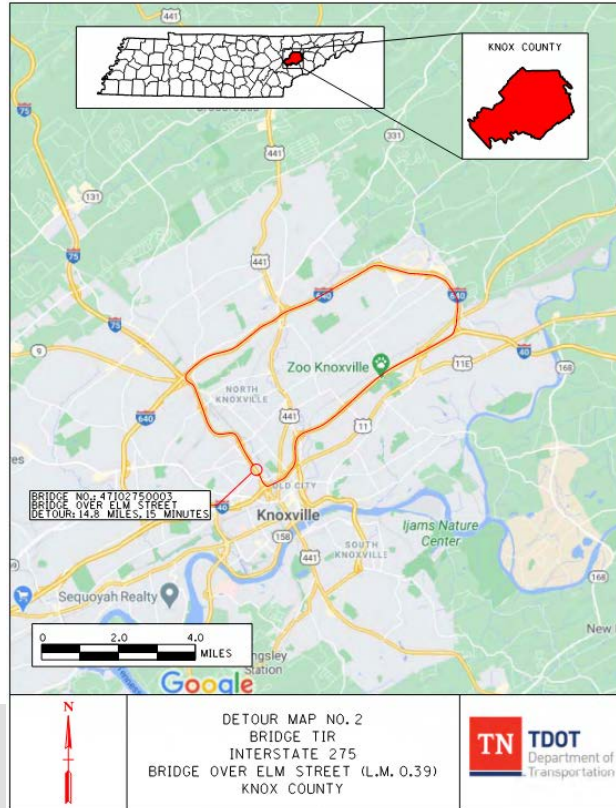
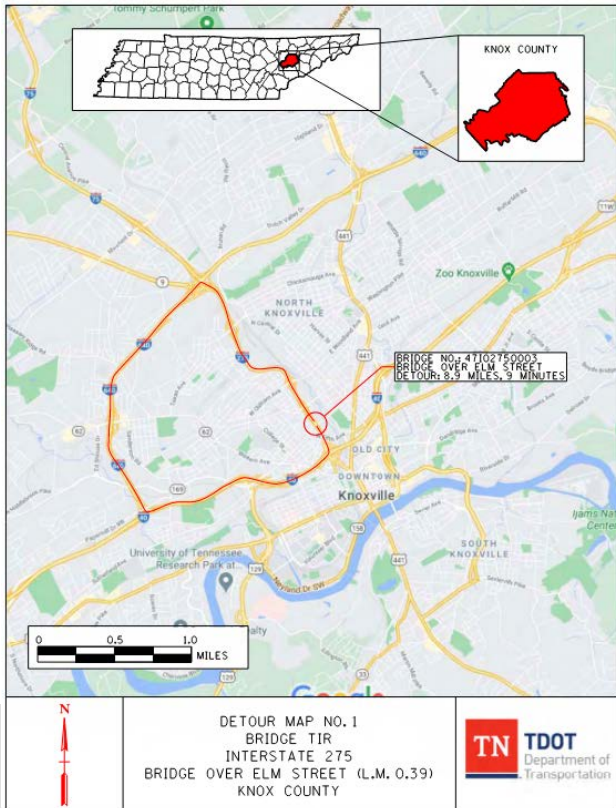
The functional plans show the utility facilities that are present on, under, and near the bridge.





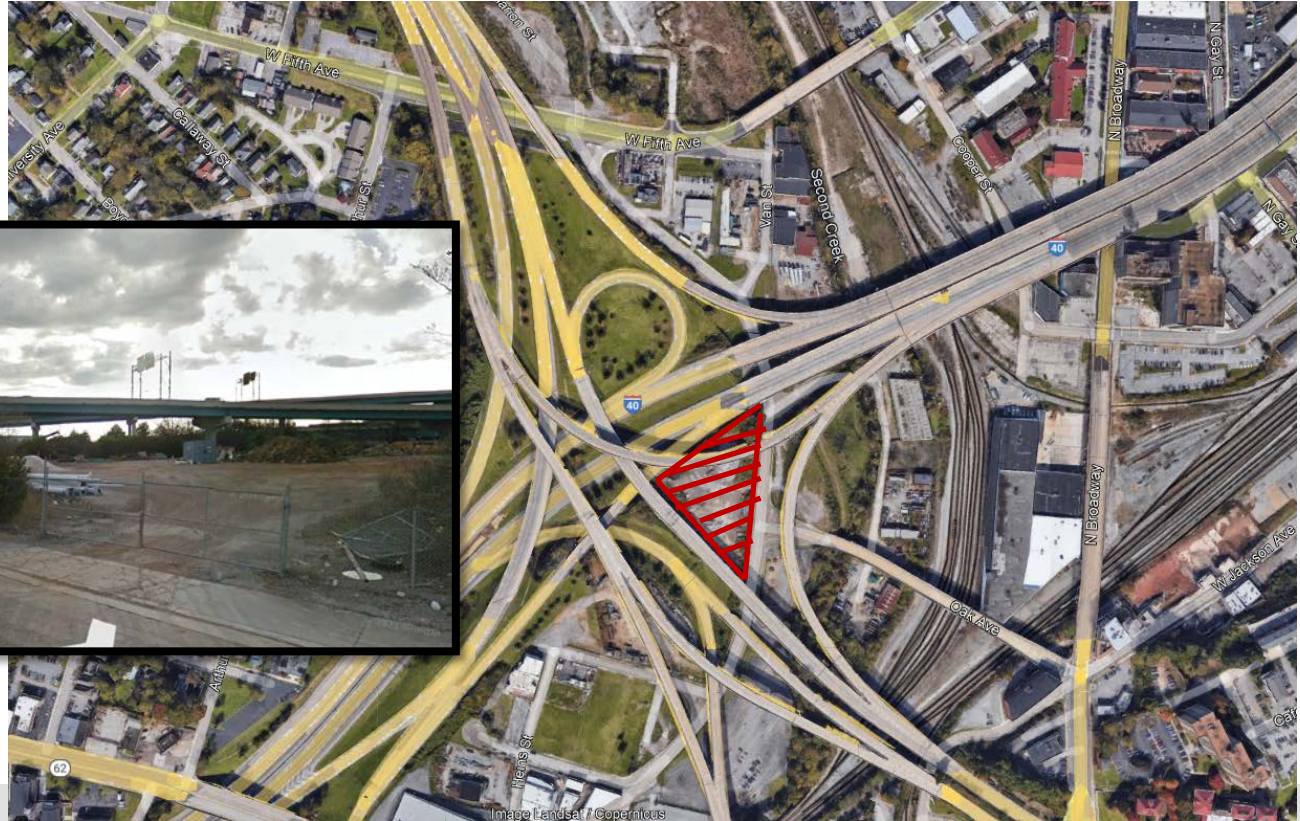
# Project Overview

## Planned Detour Routes:



# Project Overview

## Possible Laydown Yard



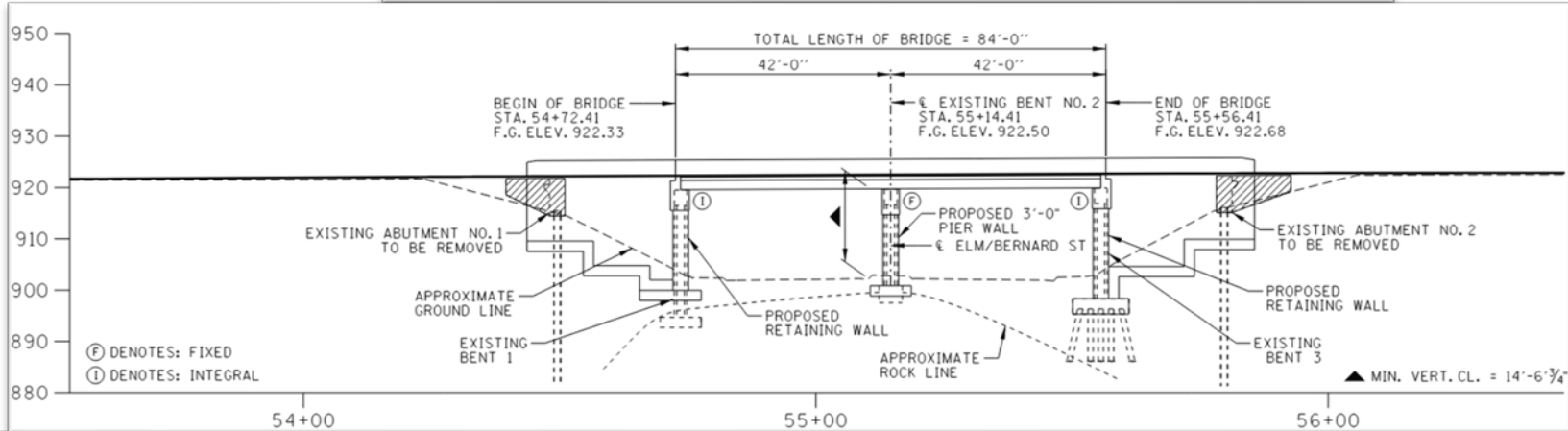
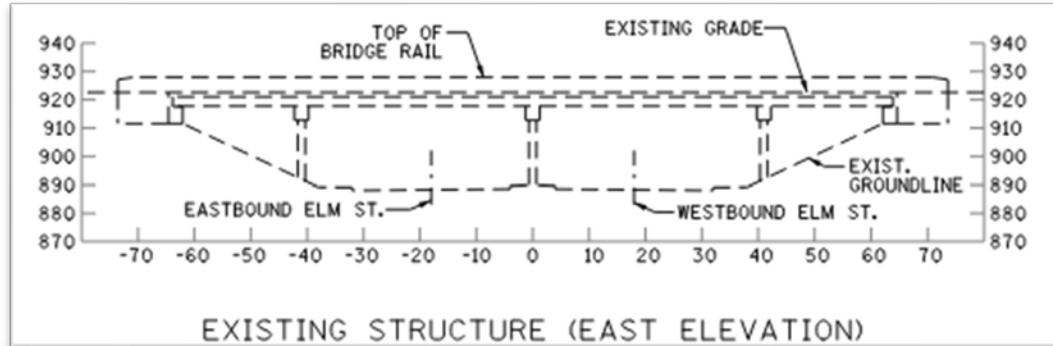


# Project Overview

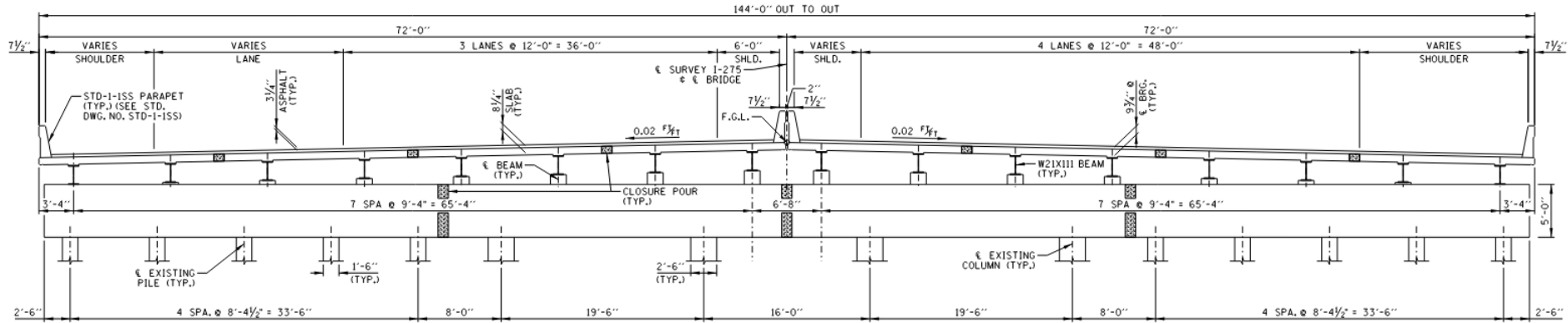
## Current Progress

- NEPA – Complete
- ROW – No acquisition anticipated
- Utilities - Early notice and Preliminary Coordination
- Environmental – The current disturbed acreage is less than an acre. Changes to the footprint and laydown will require a NEPA Re-evaluation and change the permit requirement
- Design – Abbreviated functionals with preliminary bridge plans

# Conceptual Roadway & Bridge Plans



# Conceptual Roadway & Bridge Plans



PROPOSED STRUCTURE



# RFP Information

## **I-275 Weekend Closures**

- A maximum of two full weekend closures is allowed for I-275
- Outside of weekend closures, three lanes in each direction and the north and southbound auxiliary lanes must be opened to traffic
- Nightly lane closures, Sunday through Thursday, will be allowed and shall be approved in advance by the engineer

## **Elm Street/Bernard Avenue Closure**

- Elm Street and Bernard Avenue will remain closed for the duration of construction

# RFP Information

## Project Commitments

- An asbestos containing materials (ACM) survey was completed for the bridge. The bridge has approximately 50 ft of vertical deck drains that have ACM. Abatement work will be required in accordance with TDEC rules.
- KUB Sanitary Sewer shall not be damaged during construction.
- Existing vertical clearance over Elm Street must be maintained or improved.
- Roadway approaches will be removed and replaced in-kind.

# RFP Information

## Section 1.22

### **Prohibited Contact**

(Completed Affidavit  
Form Appendix C  
Required)

## Section 1.25

### **Bonding Requirement**

(\$ 13.5 Million Minimum)

## Section 2.1

### **Mandatory Minimum Statement of Interest (SOI)/ Proposal Requirements**

## Section 2.5

### **Written Questions Only by QR Form**

Official Responses by QR  
Form Posted on Project  
Website

## Section 2.3

### **Submittal of SOI/Proposal June 29,2023 by 12 Noon Central**

(Late Proposals will not be  
accepted)

## Section 3.0

### **Proposal & Interview Evaluation Criteria**

(Scoring Forms in  
Appendix D)

# RFP Information

## Key Events Schedule

Public Notice Phase	Date
Advertisement of RFP	May 22, 2023
Mandatory Pre-proposal Meeting	June 9, 2023
Last Submission of Questions/Request Clarification	June 19, 2023
Selection Phase	Date
Submittal of SOI/ Proposal	June 29, 2023, 12 Noon Central
Selection Committee Meeting (Interviews)	July 10-11, 2023
Contractor Selection Notification	July 20, 2023
Anticipated Contract Approval/Execution	August 17, 2023

# TDOT Project Website

The screenshot shows the TDOT Department of Transportation website. The main navigation bar includes links for Traveler, Business, Government, and Local Information. The left sidebar lists 'Alternative Contracting', 'Design-Build Contracts', and 'Construction Manager/General Contractor (CM/GC) Contracts'. The main content area is titled 'Construction Manager/General Contractor (CM/GC) Contracts' and features a video player for 'CM/GC Explained (2019)'. Below the video, a paragraph explains the CM/GC contracting method. At the bottom, there are two sections: 'UPCOMING ADVERTISEMENTS' with one link and 'CURRENT ADVERTISEMENTS' with two links. A red arrow points to the 'CURRENT ADVERTISEMENTS' section.

**TDOT** Department of Transportation

Search TDOT

Traveler how do I... Business how do I... Government how do I... Find Local Information Sitemap Index of Services

Alternative Contracting

Design-Build Contracts

Construction Manager/General Contractor (CM/GC) Contracts

Construction Manager/General Contractor (CM/GC) Contracts

CM/GC Explained (2019)

Construction Manager / General Contractor

Watch on YouTube

Construction Manager/General Contractor (CM/GC) is a contracting method that involves a Contractor in the design and construction phases of the project. The intent is to form a partnership with TDOT, the Designer, and the Contractor. The goals of this partnership are to mitigate risk, improve the construction schedule, streamline the design process, and develop a project that adheres to the budget.

UPCOMING ADVERTISEMENTS

- [CM/GC I-55/SR-14 Project Shelby County](#)

CURRENT ADVERTISEMENTS

- [CM/GC I-275 Project Knox County - RFP Released on 05/22/2023](#)
- [CM/GC I-24 Project Hamilton County](#)

## Current Information

- RFP
- Addendum #1
- QR Form
- Abbreviated Functional Plans
- Preliminary Bridge Plans
- TIR Document

## Information to be Added

- Geotechnical Report
- Sample Contract
- Pre-Proposal Presentation
- Any RFP Addendums
- Official QR Responses
- Pre-Proposal Attendee List



# Questions?