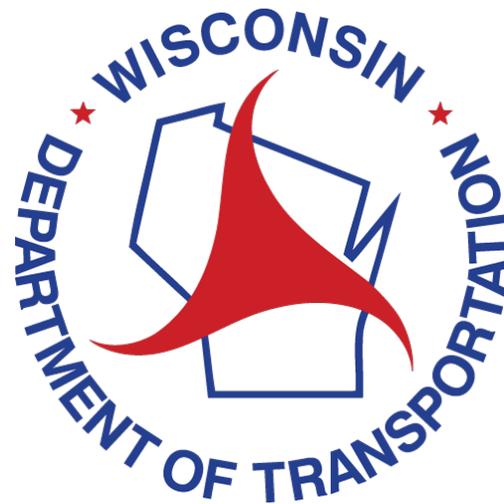


# Industry Workshop

## Wisconsin Design-Build Implementation

February 2021

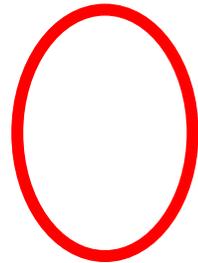




# 1. Welcome

# Zoom Workshop Protocols

- All participants will be on mute during the presentation
- Only the presenters will be on video
- To ask questions, use the **Chat** function at the bottom of your screen
  - The presenting team will organize the questions and answer them later in the presentation

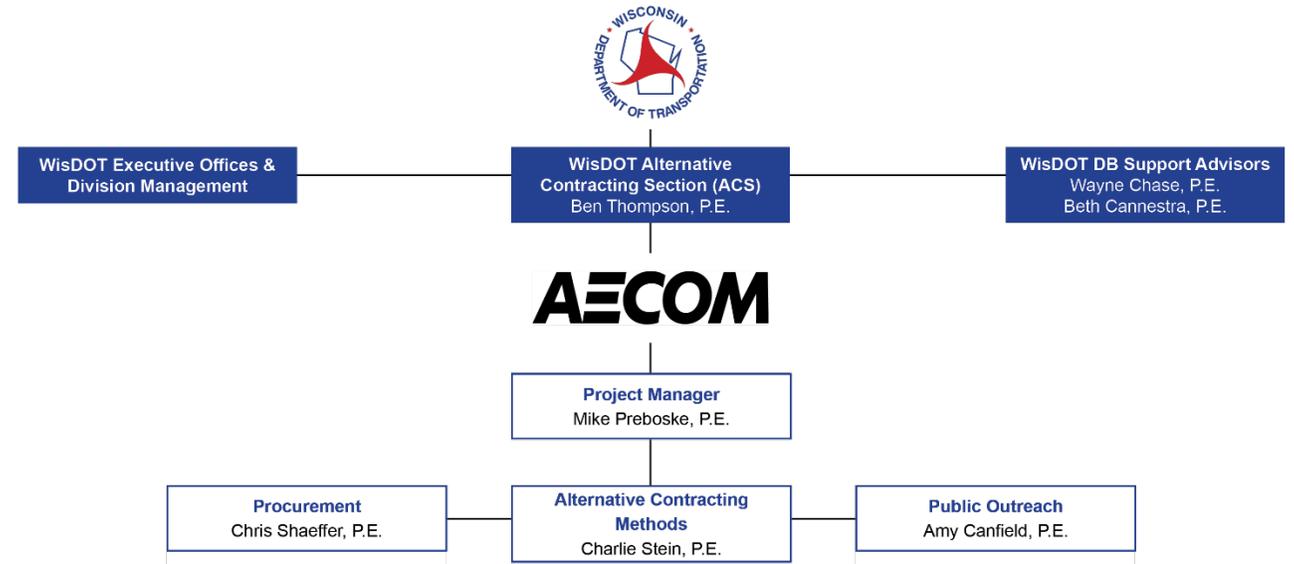


If you are calling in via phone, **press \* 9** to let us know you have a question.  
Then **press \*6** to unmute yourself once we call on you.

# WisDOT Design-Build Project Overview

## Team Organization

- New WisDOT Alternative Contracting Section
- AECOM team is developing the project deliverables



### WisDOT Key Contributors and Reviewers

#### Office of General Counsel (OGC)

#### WisDOT Statewide Bureaus

- Office of Business Opportunity & Equity Compliance
- Bureau of Highway Maintenance
- Bureau of Structures
- Bureau of Project Development
- Bureau of Traffic Operations
- Bureau of Technical Services

### Key External Stakeholders

#### Federal Highway Administration (FHWA)

#### Regulatory Agencies

- Wisconsin Department of Natural Resources (WDNR)
- U.S. Fish and Wildlife Service (USFWS)
- U.S. Army Corps of Engineers (USACE)
- State Historic Preservation Office (SHPO)

#### Industry Organizations

- American Council of Engineering Companies (ACEC)
- Wisconsin Transportation Builders Association (WTBA)

#### Engineers and Consultants

#### Contractor/Development Entity

# WisDOT Design-Build Project Overview

## Implementing design-build contracting of transportation projects in the State of Wisconsin

- Set procedures and requirements for design-build procurement
- Inform and engage stakeholders through outreach forums
- Develop selection criteria and apply to construction program to identify candidate projects
- Develop manuals, tools, and forms to support implementation
- First design-build project(s) to begin procurement in 2021



## 2. Workshop Agenda

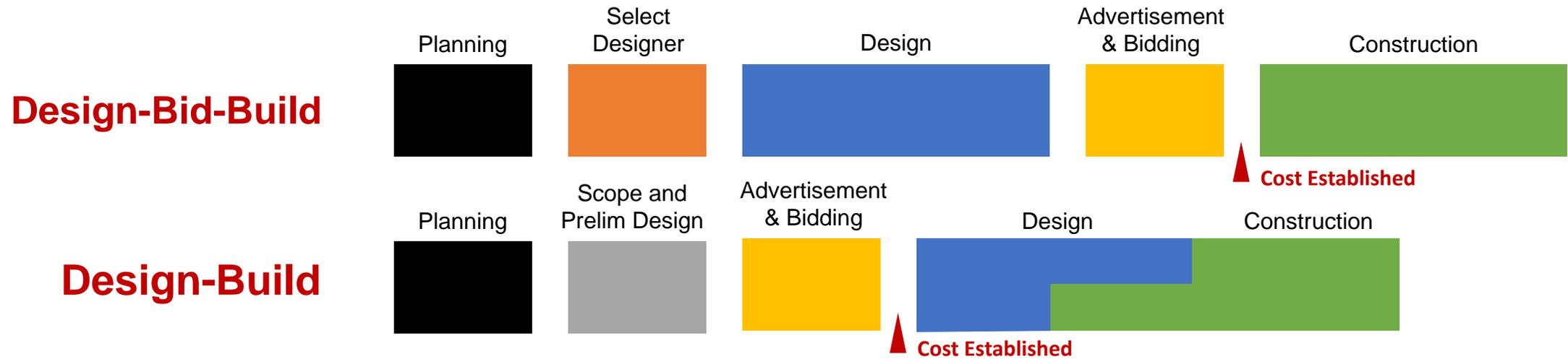
# Agenda

1. Welcome
2. Agenda Overview
3. Design-Build Program Implementation
4. Draft Procurement Documents Available for Industry Review
  - RFQ, RFP – Instructions To Proposers (ITP), RFP - Books 1-3, RFP – Reference Information Documents (RID)
  - *Questions*
5. Process for Providing Feedback
  - *Questions*
6. Next Steps
  - *General Questions*
7. Early Document Review *Questions*



# 3. Design-Build Program Implementation

# Delivery Comparison



# Two-Phase Procurement

## **Phase 1 – Request for Qualifications (RFQ)**

Prequalifies design-build teams to be eligible to submit proposals and bids during the RFP phase.

## **Phase 2 – Request for Proposals (RFP)**

Details the requirements and criteria for shortlisted design-build teams to develop their proposals and bids. Defines the final design and construction requirements.

# WisDOT Design-Build Project Deliverables

## Scope and Objectives

- Design Build Manual and Guidelines
- Project Screening and Selection Procedures
- Program Management Information System
- Stakeholder Outreach Plan
- Request for Qualifications (RFQ) Template
- Request for Proposals (RFP) Template
- RFQ and RFP Evaluation Manual

In Progress

# WisDOT Design-Build Project Deliverables

## Development and Review

- Design Build Manual and Guidelines
  - Project Screening and Selection Procedures
  - Program Management Information System
  - Stakeholder Outreach Plan
  - **Request for Qualifications (RFQ) Template**
  - **Request for Proposals (RFP) Template**
  - RFQ and RFP Evaluation Manual
- Adapted from nearby state examples
  - Workshops with Agencies, WisDOT Bureaus & Management
  - Currently revising to meet Wisconsin needs
  - Snapshot of working drafts



# 4. Draft Design-Build Procurement Documents Available for Review

# Design-Build Document Organization

- **Request for Qualifications (RFQ) Template**

- Project goals
- Scope of Work
- Project Schedule
- Qualifications Requirements
- Selection Criteria

- **Request for Proposals (RFP) Template**

- Instructions to Proposers (ITP) – procurement schedule, ATC process, stipend information
- Book 1 – Contract terms & conditions
- Book 2 – Technical requirements
- Book 3 – Applicable standards
- Reference Information Documents (RID) – Non-contractual information

# RFP Contents

## Instructions to Proposers (ITP)

Book 1

Book 2

Book 3

Reference Information  
Documents (RID)

- Procurement schedule
- Alternative Technical Concept (ATC) process
- Technical proposal content and delivery instructions
- Stipend information

# RFP Contents

## Instructions to Proposers (ITP)

### Book 1

### Book 2

### Book 3

## Reference Information Documents (RID)

## Contract Terms and Conditions

- Legal information
- Obligations of the design-builder
- Completion deadlines and liquidated damages
- Subcontracting requirements
- Insurance requirements
- Shared risk items
- Change order process
- Warranty and maintenance

# RFP Contents

Instructions to Proposers (ITP)

Book 1

**Book 2**

Book 3

Reference Information  
Documents (RID)

## Project Requirements

- Section 1 – General
- Section 2 – Project Management
- Section 3 – Public Information
- Section 4 – Environmental Compliance
- Section 5 – Third Party Agreements
- Section 6 – Utilities
- Section 7 – Right of Way
- Section 8 – Geotechnical
- Section 9 – Land Surveying
- Section 10 – Grading
- Section 11 – Roadway
- Section 12 – Drainage
- Section 13 – Structures
- Section 14 – Landscaping
- Section 15 – Aesthetics
- Section 16 – Signing, Pavement Marking, Signalization, and Lighting
- Section 17 – ITS
- Section 18 – Maintenance of Traffic
- Section 19 – Project Maintenance
- Section 20 – Pedestrian Facilities
- Section 21 - Railroad

# RFP Contents

Instructions to Proposers (ITP)

Book 1

Book 2

**Book 3**

Reference Information  
Documents (RID)

## Applicable Standards

- Lists of standards
- Unique special provisions

# RFP Contents

Instructions to Proposers (ITP)

Book 1

Book 2

Book 3

Reference Information  
Documents (RID)

## Non-Contractual Information

- As-built plans
- Concept plans
- Utility information
- Geotechnical reports

# Content Examples & Highlights



# ITP

- Proposal Delivery
- Format
- Content

## 4 Proposal Delivery, Content and Format

### 4.1 General

The Proposal must include both a Technical Proposal and a Price Proposal.

### 4.2 Technical Proposal Submittal Requirements

#### 4.2.1 General

The Technical Proposal must include concise narrative descriptions and graphic illustrations, drawings, charts, technical reports, and calculations that will enable WisDOT to clearly understand and evaluate both the capabilities of the Proposer and the characteristics and benefits of the proposed Work. No price information of any kind may be included in the Technical Proposal (e.g.: **Proposer must black-out price information contained within Appendix A (ATC).**)

#### 4.2.2 Due Date, Time, and Location

TBD

#### 4.2.3 Format

The front cover of each copy of the Technical Proposal must be labeled as follows:

TBD

#### 4.2.4 Content

##### 4.2.4.1 Executive Summary (Cover Letter)

The executive summary is limited to two pages single-sided. The executive summary must be a letter including:

1. Proposer's business name, address, and business type (e.g., corporation, partnership, limited liability company, joint venture).
2. A list of any Approved ATCs incorporated in the Proposal.
3. A statement to either accept or decline the stipend from WisDOT. By accepting or declining the stipend, Proposer is agreeing to the requirements as stated in Section 6.4.
4. The name, address, telephone (work and mobile) and e-mail address for Proposer's single point of contact responsible for correspondence to and from WisDOT. WisDOT will send all Project related communications through this person.
5. A statement certifying the truth and accuracy of the Technical Proposal, Price Proposal, and Employment Opportunity (EEO) policies.

# Book 1

- Order of Precedence

WisDOT Design-Build Program  
Federal Project No. [insert]

Contract No. [ ]

Book 1 [ ] Design-Build Project  
S.F. [ ]

## 1 Contract Components; Interpretation of Contract Documents

### 1.1 Certain Definitions

Exhibit A to this Book 1 contains the meaning of various terms used in the Contract Documents.

### 1.2 Contract Documents

The phrase "Contract Documents" means the documents listed in Section 1.3, including all of the exhibits to these documents.

### 1.3 Order of Precedence

Each of the Contract Documents is an essential part of the Contract, and a requirement occurring in one is as binding as though occurring in all. The Contract Documents are intended to be complementary and to comprise a complete Contract. In the event of any conflict among the Contract Documents, the order of precedence is as follows:

1. Change Orders and Contract amendments
2. Book 1, as executed by WisDOT and Design-builder (Design-build Contract)
3. Book 2 (Project Requirements)
4. Book 3 (Applicable Standards)
5. The Proposal, except that the Design-builder must comply with all statements, offers and terms that can reasonably be interpreted as offers to provide higher quality items than otherwise required by the Contract Documents or to perform services in addition to those otherwise required, or otherwise contain terms that are more advantageous to WisDOT than the requirements of the Contract Documents, as determined by WisDOT. An Approved Alternative Technical Concept (ATC) incorporated into the Proposal and any associated conditions of Approval will take precedence over conflicting requirements of standards in Book 1, 2, or 3.
6. The Statement of Qualifications, except that the Design-builder must comply with all statements, offers and terms that can reasonably be interpreted as offers to provide higher quality items than otherwise required by the Contract Documents or to perform services in addition to those otherwise required, or otherwise contain terms that are more advantageous to WisDOT than the requirements of the Contract Documents, as determined by WisDOT.

WisDOT will have the right to determine, in its sole discretion, which requirement applies if there is a conflict between a requirement and another requirement established by reference in the

# Book 2

1. General
2. Administrative Requirements
3. Design Requirements
4. Construction Requirements
5. Deliverables

## 16 Signing, Pavement Marking, Traffic Signals, and Lighting

### 16.1 General

This Section 16 describes the design and construction requirements for permanent signing, permanent pavement marking, permanent signalization, and permanent lighting for the Project. It also identifies traffic-related equipment or Materials that will be provided by WisDOT or other agencies for the Contractor's use.

### 16.2 Administrative Requirements

#### 16.2.1 Standards

##### 16.2.1.1 General Standards

In the event of a conflict between the standards set forth in Book 3 relating to signing, pavement marking, traffic signals, and lighting, follow the order of precedence set forth below, unless otherwise specified:

- WisDOT Standardized Special Provisions
- WisDOT Standard Specifications for Highway and Structure Construction
- WisDOT Facilities Development Manual (FDM)
- WisDOT Bridge Manual
- WisDOT Standard Detail Drawings (SDDs)
- WisDOT Sign Plate Manual
- WisDOT Traffic Engineering, Operations and Safety Manual (TEOpS)
- WisDOT Traffic Signal Design Manual (TSDM)
- Wisconsin Manual on Uniform Traffic Control Devices (WMUTCD)
- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals
- Remaining standards set forth in Book 3

##### 16.2.1.2 Permanent Signing Standards

- WisDOT Standardized Special Provisions
- WisDOT Sign Code Manual
- WisDOT Sign Plate Manual

# Book 3

- List of Standards

WisDOT Design-Build Program  
Federal Project No. [insert]

Contract No. [ ]

Book 3 [ ] Design-Build Project  
S.P. [ ]

## 2 List of Standards

### Specific References Cited for the Contract:

#### Availability Legend:

IS = Industry standard, Contractor's responsibility to acquire.

W = Standard is available as a download on the organization's Web site, Contractor's responsibility to acquire.

E = Document to be given to Contractor in electronic format.

Organization	Standard	Availability
AASHTO	<i>Construction Handbook for Bridge Temporary Works</i>	IS
	<i>Guide Design Specifications for Bridge Temporary Works</i>	IS
	<i>Guide for the Development of Bicycle Facilities</i>	IS
	<i>Guide for the Planning, Design, and Operation of Pedestrian Facilities</i>	IS
	<i>A Guide for Transportation Landscape and Environmental Design</i>	IS
	<i>Guide Specifications for Design and Construction of Segmental Concrete Bridges</i>	IS
	<i>Guide Specifications for Structural Design of Sound Barriers</i>	IS
	Laboratory Specifications	IS
	<i>LRFD Bridge Construction Specifications</i>	IS
	<i>LRFD Bridge Design Specifications, Customary U.S. Units</i>	IS
	<i>LRFD Guide Specifications for the Design of Pedestrian Bridges</i>	IS
	<i>LRFD Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals, 1<sup>st</sup> Edition (2015) (LRFDLTS-1) with current interim revisions.</i>	IS
	<i>Manual for Bridge Evaluation</i>	IS
	<i>Manual for Assessing Safety Hardware (MASH)</i>	IS
	<i>Manual on Subsurface Investigations</i>	IS
	<i>A Policy on Geometric Design of Highways and Streets</i>	IS
	<i>Roadside Design Guide</i>	IS
	<i>Roadway Lighting Design Guide</i>	IS
	<i>Standard Specifications for Highway Bridges</i>	IS
	<i>Standard Specifications for Structural Supports of Highway Signs, Luminaires and Traffic Signals</i>	IS
AASHTO/NSBA Steel Bridge Collaboration	<i>Guide Specification for Application of Coating Systems with Zinc-Rich Primers to Steel Bridges, S 8.1</i> <a href="http://www.aisc.org">http://www.aisc.org</a>	W
	<i>Shop Detail Drawing Review/Approval Guidelines, G 1.1</i> <a href="http://www.aisc.org">http://www.aisc.org</a>	W
	<i>Shop Detail Drawing Presentation Guidelines, G 1.3</i> <a href="http://www.aisc.org">http://www.aisc.org</a>	W

# Questions

... on document organization and content





# 5. Process for Providing Your Feedback

# Industry Involvement

- ✓ Accessing the design-build documents
- ✓ Comment protocol
- ✓ Accessing the comment form

# Finding the Design-Build Documents

[wisconsindot.gov/designbuild](https://wisconsindot.gov/designbuild)

## Workshops

**New** (2/12/21) View the DRAFT WisDOT design-build contract documents below. These draft documents are undergoing concurrent technical and legal reviews by the Department and are not final documents. These documents are posted for review by interested industry personnel.

- [DRAFT Request for Qualifications](#)
- [DRAFT Instructions to Proposers](#)
- [DRAFT Book 1 Contract Terms and Conditions](#)
- [DRAFT Book 2 Project Requirements](#)
- [DRAFT Book 3 Applicable Standards](#)
- [DRAFT Reference Information Documents](#)

**New** (2/12/21) The next virtual workshops for consultants and contractors will be held Thursday, 2/18/21, from 9-10 a.m. for consultants and from 3-4 p.m. for contractors.

Three virtual workshop took place in November 2020 (11/18, 11/19, and 11/30) and were free to attend.

- View the [presentation slides](#)
- View the [questions and answers](#)
- Contact [Ben Thompson](#) for more information

# Review Process

1. These are working drafts, still under review
2. Read sections thoroughly
3. Access comment survey
4. One response per firm
5. Comments should be specific and high level, not a line-by-line proofreading. **What are we missing? What are the critical issues?**
6. Survey available through Friday, February 26

**Remember – The RFQ and RFP drafts are only a template until a project is selected. Once a project is selected, these templates will be edited to fit the project.**

# Comment Survey

Survey link will be available on the WisDOT Design-Build website next to the documents for review



You will be asked:

- To indicate which document your comment applies to
- To note the specific section to which your comment applies
- To limit each comment to 1,000 characters

You will also have the opportunity to submit general comments on the design-build contracting in Wisconsin

# Questions

... on the document review process





# 6. Next Steps

# Review Status and Schedule

- Initial draft of documents ready for review have been completed by AECOM (RFQ, ITP, Book 1, Book 2, Book 3, RID).
- WisDOT edits and comments ongoing; to be completed this month.
- Review of industry comments to take place the first week of March

# Potential Design-Build Projects

preparation period after the release of the RFP. Projects using a best value selection method will require a longer procurement schedule so teams can prepare their responses to the RFP and allow for the RFP scoring process to be completed.

**Joint ventures**  
Joint ventures will be considered similar to the design-bid-build process.

**Public involvement**  
Public involvement will begin during preliminary design.

- The design-build team may be required to hold additional public meetings during final design (especially if the design differs from the preliminary concept).
- The design-build team will also be required to hold a public meeting prior to commencing construction.

**Disadvantaged Business Enterprise (DBE) involvement**  
Design-build projects are likely to include inclusion requirements for DBEs, as do many WisDOT projects. Any DBE needs will be clearly communicated in the project documentation.

**New** (11/20/20) **Projects Under Consideration for Design-Build**  
View the [draft list of projects](#) currently under consideration for design-build procurement. This is the list from which WisDOT expects to select the first design-build projects. The list is not final, and will continue to evolve as projects are evaluated.

**WORKSHOP**  
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**Design-build project timeline**  
The first design-build projects are expected to be solicited in 2021.

**For more information**  
WisDOT's Alternative Contracting Section in the Bureau of Project Development is responsible for overseeing the procurement process and will manage any problems that arise during the implementation phase. The projects will

# General Questions

... on the design-build contracting project





## 7. Questions Related to Specific Document Sections

# Specific Comments

... on design-build document sections

