



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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CLAY BRIGHT
COMMISSIONER

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GOVERNOR

May 28, 2020

MEMORANDUM

PROJECT:	PIN 116896.00
	Davidson County I-40 Donelson Pike Interchange
SUBJECT:	CONSTRUCTABILITY REVIEW MEETING SUMMARY
DATE:	May 11 & 13, 2020
NOTES BY:	Blake Fulton TDOT Construction Division

A Constructability Review meeting was held on May 11th and 13th, 2020 with Construction Industry Representatives, TDOT Headquarters Construction Division, TDOT Structures Division, TDOT Materials and Tests Division and TDOT Region 3 Project Development. The scope of the review was to integrate construction expertise early into the project development process for the I-40 Donelson Pike interchange modification project.

The construction plans, bridge plans, utility reference sheets, retaining wall drawings, and traffic control plans were specifically reviewed as part of this meeting.

AGENDA:

1. Introductions
2. Purpose: Existing Conditions
3. Project Overview: Roadway, Right-Of-Way/Utilities, Structures, Traffic Control, Construction
4. Work Session

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ACTION ITEMS:

1. Project Phasing & Timing
2. High ADT
3. Utilities
4. Traffic Control
5. Industrial Access
6. Retaining Walls

SUMMARY:

The Department will review plan notes for sufficient details. Notes regarding Metro Nashville Airport Authority (MNA) and Federal Aviation Administration (FAA) will also be reviewed. The Department will identify any height requirements or permits needed for clearances. FAA 7460-1 application permits for temporary construction equipment will be submitted prior to contract letting to provide immediate access.

In regard to project phasing, the Department will assess phasing of the median work near the taxiway tunnel. Additional sub-phasing information will be added for the project and details regarding any off-peak and long-term closures on Interstate 40 will be specified.

Alternatives to a rockfall wall adjacent to the taxiway tunnel and how the two will be joined will be explored by the Department. Various retaining wall types will be evaluated for the project and retaining wall #2 will be specifically reviewed for headroom in its relation to the Donelson Pike Bridge overhead. The use of concrete beams over Interstate 40 will be evaluated, and drawings will be added to show the ITS layout on the project.

The Department will discuss with the airport to determine if a special prequalification specifically for blasters should be considered.