



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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CLAY BRIGHT
COMMISSIONER

BILL LEE
GOVERNOR

April 23, 2021

MEMORANDUM

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| PROJECT: | PIN 124456.00 |
| | Humphreys County SR-13 bridge over Trace Creek at L.M. 19.35 |
| SUBJECT: | CONSTRUCTABILITY REVIEW MEETING SUMMARY |
| DATE: | April 12 th , 13 th & 14 th , 2021 |
| NOTES BY: | Blake Fulton TDOT Construction Division |

A Constructability Review meeting was held on April 12th, 13th & 14th, 2021 with Construction Industry Representatives, TDOT Headquarters Construction Division, TDOT Structures Division, TDOT Region 3 Project Development and TDOT Region 3 Operations. The scope of the review was to integrate construction expertise early into the project development process for the SR-13 bridge replacement project.

The bridge plans, erosion control plans 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. Bridge
3. Work Restrictions
4. Traffic Control

SUMMARY:

The Department will review the need and availability of additional easement. If temporary easements are acquired, a note will be added in the plans to return them to like-conditions after construction. No easements will be permitted at the property on the Northwest side of the bridge bordering E Railroad Street since it is considered a historical property.

Footprint studies will be conducted by Environmental staff to ensure there are no contaminated soils. The area around Trace Creek will also be reviewed to determine if an in-stream diversion is needed to get to both sides of the pier. The bridge end drains and storm drains on US-70 will be reviewed with TDOT Hydraulics staff.

The Department will check the north abutment to determine if there is a water line in conflict. A review will take place to determine if there are any utilities in the work zone that may not be in our utility database.

Regarding traffic control and detoured routes, the Department will determine if Powers Boulevard needs to be resurfaced after project completion and if it needs to be restriped (before and after construction). On the detour through McEwen, the railroad crossing grades will be reviewed to ensure adequacy for truck traffic. Weekend closures on US-70 may be possible for some aspects of construction, but this will have to be reviewed with the City of Waverly. Rolling roadblocks will likely be utilized for setting beams.

TDOT will review the NEPA document to determine if a pedestrian connection on the south side of the bridge will need to be replaced after the new bridge is constructed. The need for temporary shoring and the depths in which they are needed in regard to the proximity of the railroad will be explored. The Department will also assess the pier near E Railroad Street to determine if it needs to be demoed to the top of the crash wall or to ground level.