



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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CLAY BRIGHT
COMMISSIONER

BILL LEE
GOVERNOR

July 28, 2020

MEMORANDUM

PROJECT:	PIN 100241.03 Knox County SR-115 (US-129, Alcoa Highway) from Woodson Drive to Cherokee Trail Interchange
SUBJECT:	CONSTRUCTABILITY REVIEW MEETING SUMMARY
DATE:	July 21 & 22, 2020
NOTES BY:	Blake Fulton TDOT Construction Division

A Constructability Review meeting was held on July 21st and 22nd, 2020 with Construction Industry Representatives, TDOT Headquarters Construction Division, TDOT Environmental Division and TDOT Region 1 Project Development. The scope of the review was to integrate construction expertise early into the project development process for the SR-115 (US-129) widening project.

The construction plans, utility relocation plans, geotechnical 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, Geotechnical, Traffic Control, Construction
4. Work Session

Knox County – PIN 100241.03

SR-155 (Alcoa Highway) from Woodson Drive to Cherokee Trail Interchange

July 28, 2020

ACTION ITEMS:

1. Project Phasing & Timing
2. High ADT
3. Emergency Access
4. Utilities
5. Retaining Walls
6. ROW Challenges

SUMMARY:

The Department will explore acquiring utility poles prior to construction to reduce any potential delay. Temporary paving for grade differences or work zone access will also be reviewed. The Department will discuss the use of temporary signals for the hospital exit and entrances, and will examine Lifestar's use with Metro to land an emergency helicopter if necessary.

Right of Way boundaries will be analyzed at Wall 4 to ensure there will be no encroachment. The use of a leveling pad at Wall 6/Bridge 2 will also be reviewed. The Department will consider changing Walls 7, 9 and 10 to soil nail walls to improve ease of construction.

The Department will consider a contingency plan for the potential of losing lanes if rock is blasted into the roadway, and a road user cost will be explored for rolling road blocks. A special prequalification for blasters will be considered by the Department for this project.