



STANDARDS DEVIATION APPROVAL

Engineering—Public Projects

CONSTRUCTION STANDARDS DEVIATION APPROVAL

DATE: April 28, 2022

LOCATION: Chattanooga, Hamilton County, TN
PROJECT OP: TN0597
ZONE: Atlanta
SUBDIVISION: W & A
MILEPOST: 0WA-124.26
DOT ID: 350029M
SPONSOR: Tennessee Department of Transportation

REQUEST: Waiver for ROW clear span requirement.

DESCRIPTION: I-75, interchange at I-24, Phase 2 Bridge Replacement over CSXT - The TDOT is requesting to identify some minimum horizontal and vertical clearances for an overhead bridge replacement project over CSXT. The minimum clearances will be used as part of an RFP and for future use by the selected Design-Build team during design.

TRAFFIC TYPE: Freight, (1 Mainline track); Tonnage: 36.83 MGT

TRAIN SPEED/TRAIN COUNT: 40 mph; 15 (2018)

MAINTENANCE RESPONSIBILITY: Tennessee Department of Transportation

JUSTIFICATION: The TDOT is requesting to allow accommodation for one (1) existing track and one (1) future track spaced at 15'-0" center to center and to the geographic north of the existing track. The minimum horizontal clearance from the existing and future track(s) to the near substructure bent(s) will be 25'-0". The final minimum horizontal clearance from substructure bent to bent will be 65ft (clear span). The proposed minimum vertical clearance over the existing track will be 23'-6" and the minimum vertical clearance over the future track will be greater than 23'-6" as the bridge grade increases toward the future track. Both the horizontal and vertical clearances are improvements on the existing conditions.

GEC RECOMMENDATION/COMMENTS: Given that further increases in horizontal and vertical clearances will require substantial increases in the I-75 roadway profile; STV does not take exception to the proposed future track requirements at this location.

PROJECT MANAGER - PUBLIC PROJECTS:
Todd Allton

C.T. Allton
Engineering approval recommended

5/9/22

Date

DIRECTOR PUBLIC PROJECTS:
Tony C. Bellamy, PE

Tony C. Bellamy
Engineering approval recommended

5/23/2022

Date

CHIEF ENGINEER-BRIDGES, DESIGN & CONSTRUCTION:
Edward D. Sparks II, PE

Edward D. Sparks II
Engineering Approval Authorization

5/25/22

Date

Attachments:

- 1) Project Plans
- 2) Location Map
- 3) Track Chart
- 4) Timetable
- 5) Photos