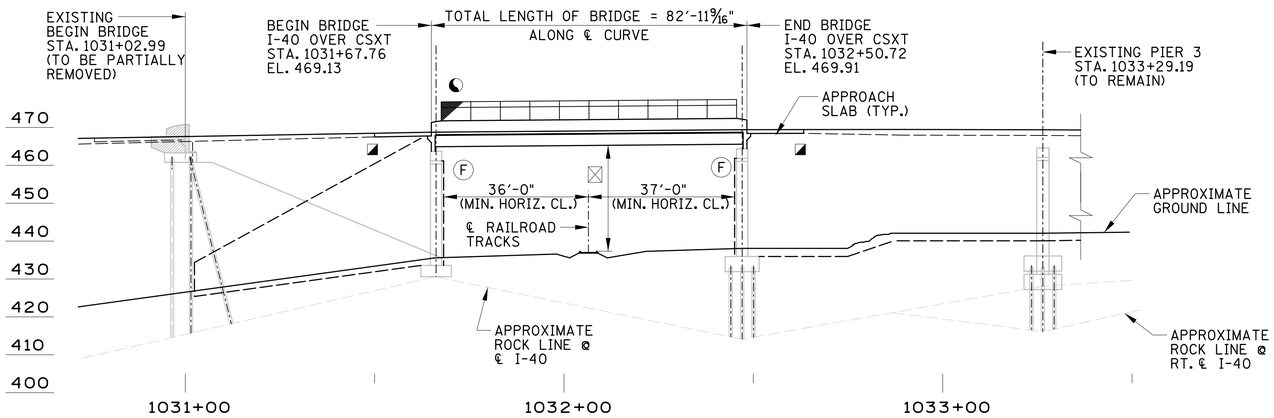


ELEVATION

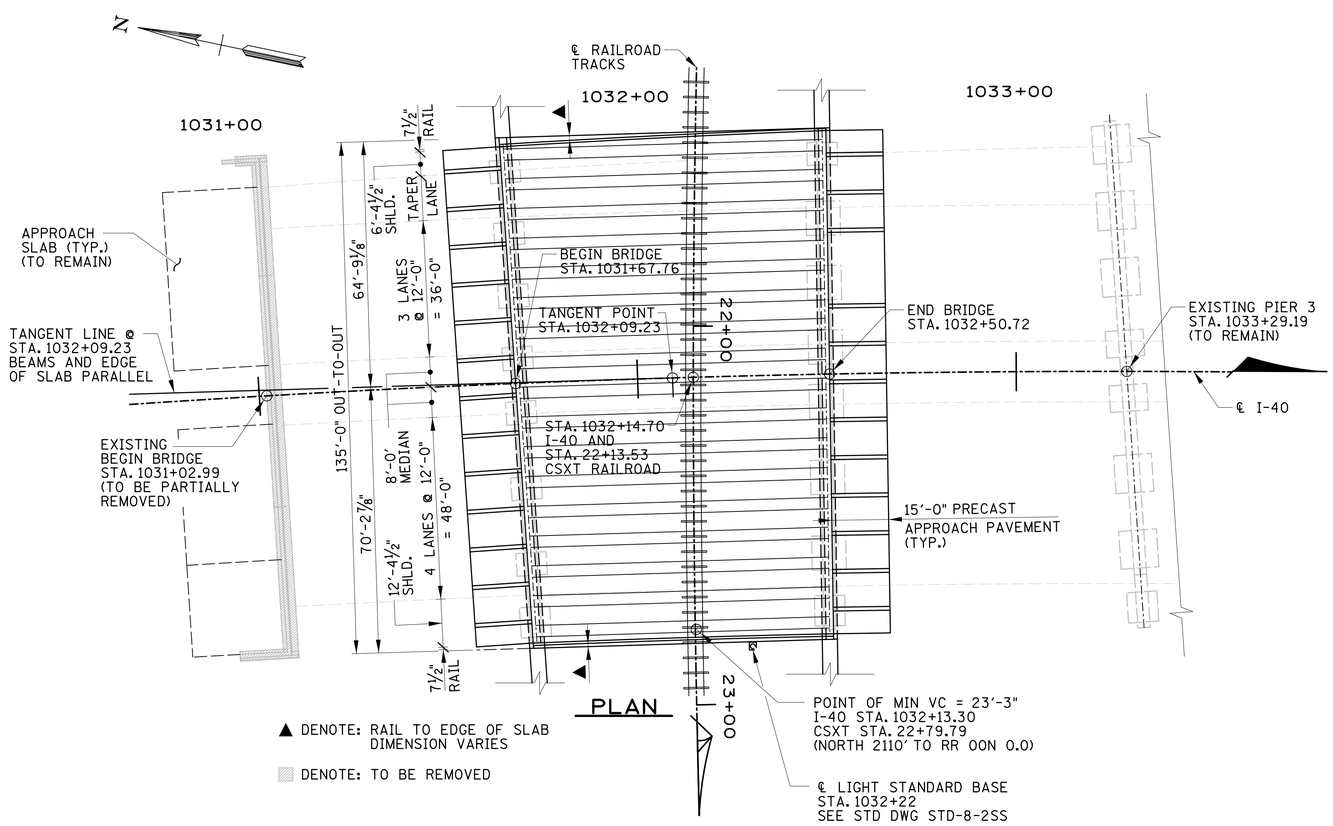
(F) DENOTES: FIXED

✱ DENOTES: NORMAL TO SKEW

SEE SHEET BR-119-47 FOR FENCING REQUIREMENTS AND DETAILS.

☒ POINT OF MIN VC = 23'-3" I-40 STA. 1032+13.30 CSXT STA. 22+79.79

◪ DENOTES: CONTRACTOR HAS OPTION TO USE PRECAST SLEEPER SLAB, GRS WITH 4" LAYERS OF TENSAR UX1400MSE GEOGRID OR REINFORCING OR OTHER OPTIONS APPROVED BY THE ENGINEER.



PLAN

▲ DENOTE: RAIL TO EDGE OF SLAB DIMENSION VARIES

▨ DENOTE: TO BE REMOVED

SCOPE OF WORK

1) PLACE TRAFFIC CONTROL TO PERFORM INITIAL PREPARATION WORK ON BRIDGE & APPROACHES. USE OF OFF-PEAK LANE CLOSURES WILL BE ALLOWED WITH APPROVAL OF THE ENGINEER.
2) COMPLETE RETAINING WALLS NO. 1 & NO. 2 AND PIER NO. 1 & NO. 2 BEARING MODIFICATIONS.
3) COMPLETE REQUIRED DEMOLITION OF SUPERSTRUCTURE DURING WEEKEND ROADWAY CLOSURE.
4) INSTALL NEW PRECAST BOX BEAMS, FULL DEPTH PRECAST DECK PANELS, PRECAST END-BLOCKS, CLOSURE POURS AND PRECAST APPROACH SLABS DURING WEEKEND ROADWAY CLOSURE.
5) PLACE NEW CONCRETE PARAPETS ON BOTH SIDES OF THE BRIDGE. THIS WORK TO BE COMPLETED AFTER THE SUPERSTRUCTURE IS IN-PLACE.
6) COMPLETE DECK CRACK SEALING UTILIZING HMWM SEALANT.
7) INSTALL NEW DECK SEAL AND ASPHALT OVERLAY ON DECK AND APPROACH SLABS.
8) TEXTURE COAT ALL EXPOSED CONCRETE SURFACES.
9) COMPLETE ANY REQUIRED UTILITY (ITS) & LIGHTING MODIFICATIONS.
10) COMPLETE OTHER INCIDENTAL ROADWAY RELATED ITEMS.

CONST. NO. 19005-3161-44

PROJECT NO.	YEAR	SHEET NO.
BH-I-40-4(86)	2015	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	2/12/15	GS&P	UPDATED DETAILS & NOTES

SPECIAL NOTE:

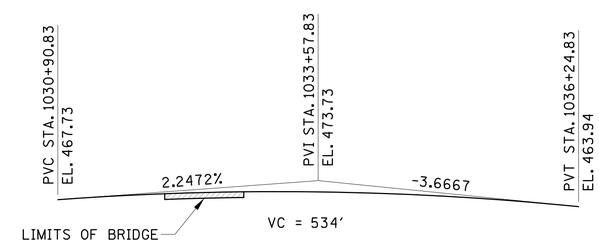
THE CONTRACTOR OR HIS SUBCONTRACTORS SHALL BE REQUIRED TO SUBMIT A DETAILED AND COMPREHENSIVE PLAN AND PROCEDURE FOR REVIEW AND APPROVAL BY THE CSXT DIRECTOR OF CONSTRUCTION ENGINEERING OR HIS ENGINEERING CONSULTANT FOR:

A) BRIDGE PIER FOUNDATION EXCAVATION AND CONSTRUCTION THAT MAY REQUIRE SHEETING OR SHORING OF RAILROAD TRACKS;
B) DETAILED TRACK MONITORING PROGRAM TO DETECT TRACK ROADBED SETTLEMENT DURING THE INSTALLATION OF FOUNDATIONS;
C) CONTROLLED DEMOLITION / REMOVAL OF SUPERSTRUCTURE COMPONENTS IN A MANNER THAT PREVENTS ANY PORTIONS FROM FALLING ONTO CSXT EMPLOYEES, EQUIPMENT, OR PROPERTY AND/OR CAUSING A HAZARD TO TRAIN MOVEMENTS.
D) BEAM ERECTION AND STABILIZATION OVER RAILROAD RIGHT OF WAY OR OR ADJACENT SPAN.
E) TEXTURE COATING PREPARATION OR APPLICATION OF CONCRETE IN THE RAILROAD SPAN.

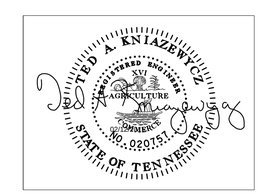
SUBMITTALS SHALL BE PREPARED IN ACCORDANCE WITH CSXT CONSTRUCTION SUBMISSION CRITERIA – LATEST EDITION AND CAN BE FOUND ON CSXT'S WEBSITE WWW.CSX.COM

NOTE: FOR LIST OF BRIDGE DRAWINGS, STANDARD DRAWINGS AND SPECIAL PROVISIONS, SEE BRIDGE INDEX SHEETS 1D & 1E.

NOTE; DIMENSIONS AND ELEVATIONS ARE TAKEN FROM EXISTING PLANS AND SURVEY DATA OBTAINED BY WILSON & ASSOCIATES. CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION PRIOR TO FABRICATION AND DEMOLITION. SEE EXISTING PLANS FOR TYPICAL DIMENSIONS.



PROFILE I-40



BRIDGE NO. 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRELIMINARY LAYOUT OF BRIDGE
I-40
OVER
CSX RAILROAD
BR. NO. 19-I0040-16.75
DAVIDSON COUNTY
2015

DESIGNED BY GRESHAM SMITH & PARTNERS DATE 2/09/2015
DRAWN BY R. PALMER DATE 1/2015
SUPERVISED BY T. KNIAZEWYCZ DATE 1/2015
CHECKED BY T. KNIAZEWYCZ DATE 2/2015

GS&P GRESHAM SMITH AND PARTNERS

knlazet
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2/12/2015
PRF

BR-119-44