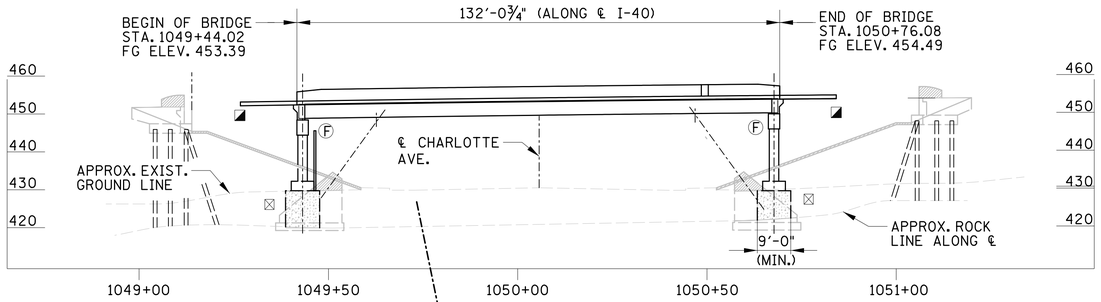
CONST. NO.	19005-3161-44	
PROJECT NO.	YEAR	SHEET NO.
BH-I-40-4(86)	2015	

REVISIONS

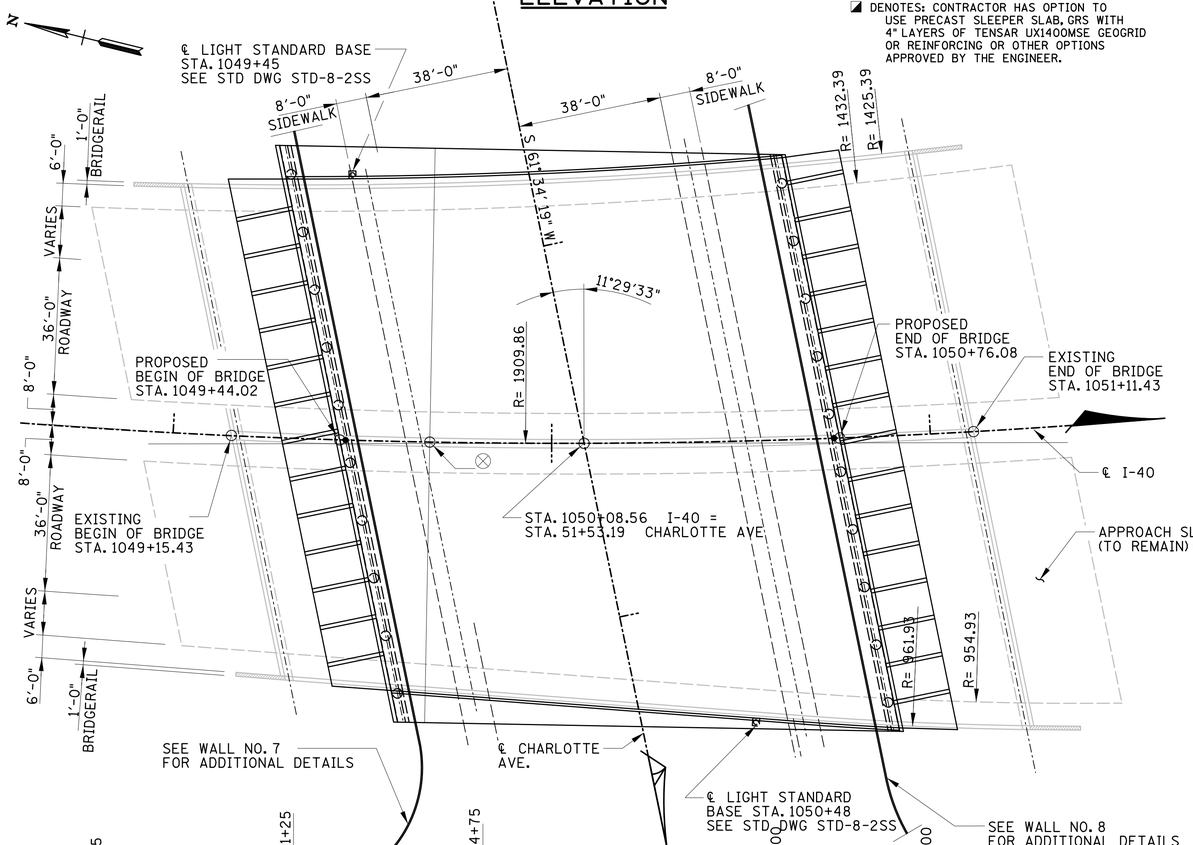
NO.	DATE	BY	BRIEF DESCRIPTION
1	2/12/15	GS&P	UPDATED NOTES



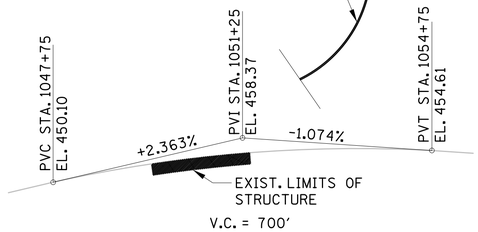
Ⓕ DENOTES: FIXED

ELEVATION

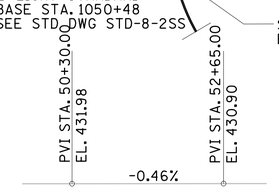
◪ DENOTES: CONTRACTOR HAS OPTION TO USE PRECAST SLEEPER SLAB, GRS WITH 4" LAYERS OF TENSAR UX1400MSE GEOGRID OR REINFORCING OR OTHER OPTIONS APPROVED BY THE ENGINEER.



PLAN



EXIST. GRADE SKETCH I-40



GRAPHIC GRADE SKETCH CHARLOTTE AVE.

(MATCH EXISTING)

⊠ NOTE: LEVELING CONCRETE TO BE PLACED BETWEEN EXISTING THRUST BLOCKS, SOLID BEDROCK AND BOTTOM OF FOOTING ELEVATION (430.00). WIDTH OF LEVELING CONCRETE SHALL BE A MINIMUM OF 9'-0" CENTERED UNDER THE PROPOSED ABUTMENT. TOP OF LEVELING CONCRETE SHALL BE ROUGH FINISHED TO ALLOW FOR BOND WITH FOOTING. DOWEL BARS MAY BE PLACED OR DRILLED INTO LEVELING CONCRETE. SEE ABUTMENT SHEETS FOR ADDITIONAL INFORMATION.

SCOPE OF WORK

1) PLACE TRAFFIC CONTROL TO PERFORM INITIAL PREPARATORY WORK ON BRIDGE & APPROACHES. USE OF ONE-LANE CLOSURE WITH FLAGMAN WILL BE ALLOWED WITH APPROVAL OF THE ENGINEER.
2) CONSTRUCT NEW ABUTMENTS NO. 1 & NO. 2.
3) COMPLETE RETAINING WALLS NO. 7 & NO. 8 AT NEW ABUTMENTS.
4) COMPLETE REQUIRED DEMOLITION OF SUPERSTRUCTURE DURING WEEKEND ROADWAY CLOSURE. PHASING MAY BE ADJUSTED BY THE CONTRACTOR.
5) INSTALL NEW SUPERSTRUCTURE UNITS, PRECAST END-BLOCK UNITS, CLOSURE POURS AND PRECAST APPROACH SLABS DURING WEEKEND ROADWAY CLOSURES.
6) PLACE NEW CONCRETE PARAPETS AND MEDIAN BARRIER ON THE BRIDGE. THIS WORK MAY BE COMPLETED AS PART OF THE SUPERSTRUCTURE UNIT CONSTRUCTION OR AFTER THE UNITS ARE IN-PLACE.
7) COMPLETE DECK CRACK SEALING UTILIZING HMWM SEALANT.
8) INSTALL NEW DECK SEAL AND ASPHALT OVERLAY ON DECK AND APPROACH SLABS.
9) TEXTURE COAT ALL EXPOSED CONCRETE SURFACES.
10) COMPLETE ANY REQUIRED LIGHTING MODIFICATIONS.
11) COMPLETE OTHER INCIDENTAL ROADWAY RELATED ITEMS.

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.

BRIDGE NO. 5
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
LAYOUT OF BRIDGE
TO BE REPAIRED
I-40
OVER
CHARLOTTE AVE.
BR. NO. 19-I0040-17.09
DAVIDSON COUNTY
2015

BR-119-176

DESIGNED BY GRESHAM SMITH & PARTNERS	DATE 2/09/2015	GRESHAM SMITH AND PARTNERS	
DRAWN BY G.YOUNG	DATE 1/2015		
SUPERVISED BY T. KNIAZEWYCZ	DATE 1/2015		
CHECKED BY T. KNIAZEWYCZ	DATE 2/2015		

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2/12/2015
PRF