

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

**Allyson Foster Boyd** Allyson Foster Boyd  
2026.04.07 12:02:12-04'00'

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CDM Smith  
1100 Marion Street  
Suite 300  
Knoxville, TN 37921  
Allyson Foster Boyd, P.E. No. 119,736

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	BRIDGE-SIGN2
TITLE SHEET .....	1
INDEX AND STANDARD DRAWINGS .....	1A



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

**SUSANNE DAWSON** SUSANNE DAWSON  
2026.04.07 12:05:26-04'00'

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CDM Smith  
1100 Marion Street  
Suite 300  
Knoxville, TN 37921  
Susanne Dawson, P.E. No. 111,826

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	BRIDGE-SIGN2
TITLE SHEET .....	1
INDEX AND STANDARD DRAWINGS.....	1A
GENERAL NOTES AND ESTIMATED BRIDGE QUANTITIES .....	BR-133-305

YEAR	PROJECT NO.	SHEET NO.
2026	471040-M3-012	BRIDGE-SIGN2

KNOX CO. I-40  
REV. 03-06-2026: ADDED THIS SHEET TO PLANS

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

INDEX OF SHEETS

SEE SHEET 1A FOR INDEX

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

**KNOX COUNTY**

I-40 BRIDGE OVER NORFOLK SOUTHERN  
RAILROAD, WILLOW AVENUE, AND  
JACKSON AVENUE, LM 19.30

PS&E

BRIDGE REPAIR

STATE HIGHWAY NO. N/A F.A.H.S. NO. I-40

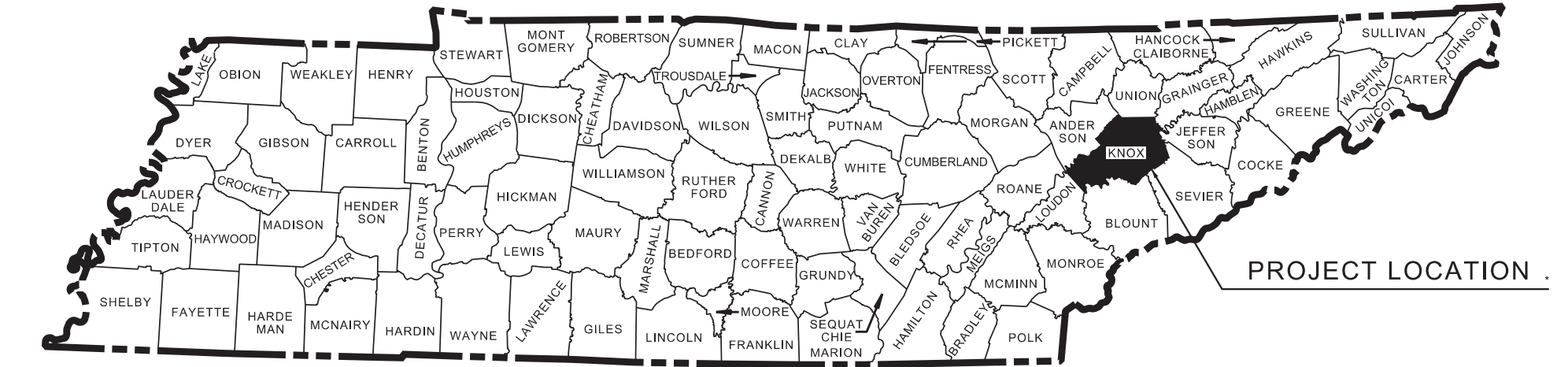
BRIDGE ID. NO. 47-I0040-19.30

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	<input checked="" type="radio"/> NO
WORK ZONE SIGNIFICANCE DETERMINATION		
SIGNIFICANT	<input checked="" type="radio"/> YES	<input type="radio"/> NO

REV. 03-06-2026: UPDATED TEXT, UPDATED FED. AID PROJ. NO., UPDATED STANDARD SPECIFICATIONS.

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	N/A	
STATE PROJ. NO.	471040-M3-012	
FED. BRIDGE ID NO.	47100400205	

KNOX CO.



SCALE: 1" = 1 MILE



SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED APRIL 1, 2026 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER : STEPHEN WILSON

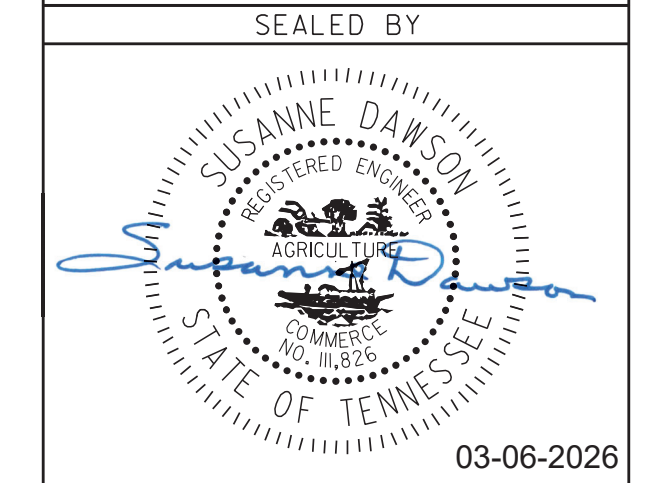
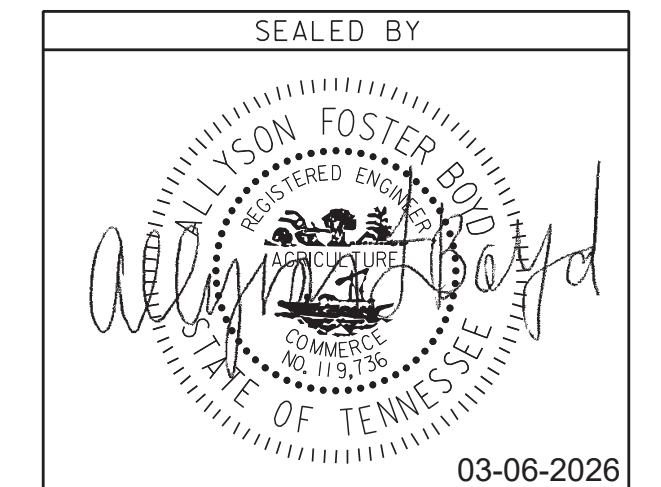
DESIGN FIRM : CDM SMITH

DESIGNER : SUSANNE DAWSON / ALLYSON FOSTER BOYD CHECKED BY FRANK G. BALE, JR. / KATHLEEN C. HOLMES

P.E. NO. N/A

PIN NO. 134994.00

TOTAL DISTURBED AREA = LESS THAN 0.95 ACRES



APPROVED:

SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:

WILL REID, COMMISSIONER

INTERSTATE 40

TRAFFIC DATA

ADT (2025)	38,553
ADT (2045)	46,264
DHV (2025)	3,911
D	63 - 37
T (ADT)	5 %
T (DHV)	5 %
V	60 MPH

**ROADWAY INDEX**

SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	BRIDGE-SIGN1
SIGNATURE SHEET .....	BRIDGE-SIGN2
TITLE SHEET .....	1
INDEX AND STANDARD DRAWINGS .....	1A
PROJECT COMMITMENTS .....	1B
ESTIMATED ROADWAY QUANTITIES & UTILITY OWNERS .....	2
GENERAL NOTES, SPECIAL NOTES, AND ENVIRONMENTAL SPECIAL NOTES .....	2C
TABULATED QUANTITIES .....	2F-2F2
PERMANENT PAVEMENT MARKING PLAN BR. NO. 47-10040-19.30 .....	3
TRAFFIC CONTROL PLAN BR. NO. 47-10040-19.30 KEY MAP .....	3A
TRAFFIC CONTROL PLAN BR. NO. 47-10040-19.30 PHASE 1 .....	4, 4A – 4U
TRAFFIC CONTROL PLAN BR. NO. 47-10040-19.30 PHASE 2 .....	5, 5A – 5S

NOTE: THE ALPHABETICAL LETTERS, "I", "O" AND "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.

**STANDARD ROADWAY DRAWINGS**

DWG.	REV.	DESCRIPTION
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**STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS**

RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	01-30-26	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND

**STANDARD TRAFFIC DESIGN DRAWINGS**

**DESIGN - TRAFFIC CONTROL**

T-M-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9A	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL FOR DIVIDED HIGHWAYS
T-WZ-16	03-26-25	LANE SHIFT FOR DIVIDED HIGHWAYS AND FREEWAYS
T-WZ-63	03-26-25	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

**LIST OF BRIDGE DRAWINGS**

DRAWING	DWG. NO.
LAYOUT OF BRIDGE TO BE REPAIRED .....	BR-133-304
GENERAL NOTES AND ESTIMATED BRIDGE QUANTITIES .....	BR-133-305
PHASE 1 CONSTRUCTION .....	BR-133-306
PHASE 2 CONSTRUCTION .....	BR-133-307
SUPERSTRUCTURE REPAIRS - SPAN A .....	BR-133-308
SUPERSTRUCTURE REPAIRS - SPAN J .....	BR-133-309
BENT 1 - DIAPHRAGM REPAIRS .....	BR-133-310
BENT 3 - DIAPHRAGM REPAIRS .....	BR-133-311
BENT 4 - DIAPHRAGM REPAIRS .....	BR-133-312
BENT 5 - DIAPHRAGM REPAIRS .....	BR-133-313
BENT 6 - DIAPHRAGM REPAIRS .....	BR-133-314
BENT 8A AND 8B - DIAPHRAGM REPAIRS .....	BR-133-315
BENT 9A, 9B, AND 9C - DIAPHRAGM REPAIRS .....	BR-133-316
JOINT REPAIR DETAILS .....	BR-133-317
CONCRETE REPAIR DETAILS .....	BR-133-318

**LIST OF BRIDGE REFERENCE DRAWINGS**

(TO BE PRINTED WITH PLANS)  
M-472-123 THRU M-472-125, M-472-142 THRU M-472-158,  
M-472-160A, M-472-166, M-472-171 THRU M-472-173, M-472-186, M-472-187,  
M-472-190, M-472-191, M-472-193, M-472-194, M-472-200, M-472-201A,  
M-472-201B, M-472-201C AND STANDARD DWG. STD-1-5 (REV. 07-31-00)

**STANDARD BRIDGE DRAWINGS**

DRAWING	REV. DATE	DESCRIPTION
STD-8-5	10-01-25	STANDARD PROTECTIVE FENCE DETAILS

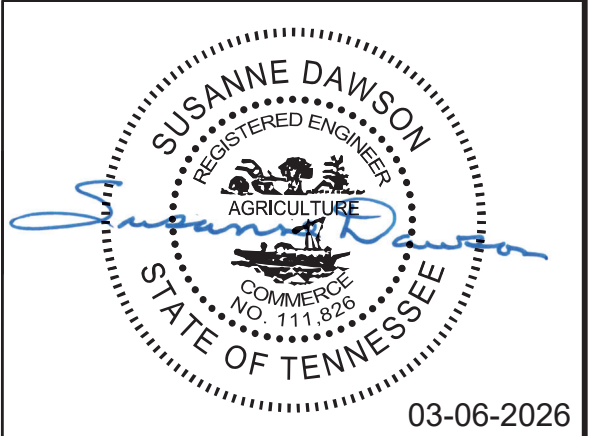
**LIST OF SPECIAL PROVISIONS**

ID	REV. DATE	DESCRIPTION
712PTQ	10-07-24	TRAFFIC QUEUE PROTECTION
716CPM	02-09-26	CONTRAST PAVEMENT MARKINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
L&G	2025	471040-M3-012	1A
PS&E	2026	471040-M3-012	1A

KNOX COUNTY I-40 (JAMES WHITE PKWY)  
REV. 03-06-2026: REMOVED S-CC-1, UPDATED RD-L-1,  
UPDATED 716CPM, AND UPDATED  
ROADWAY INDEX

SEALED BY



03-06-2026

SEALED BY



03-06-2026

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

INDEX  
AND  
STANDARD  
DRAWINGS

**GENERAL NOTES:**

**SPECIFICATIONS & LOADING**

**CONSTRUCTION SPECIFICATIONS:** STANDARD ROAD AND BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION (APRIL 1, 2026 EDITION), THE 4<sup>th</sup> EDITION (2017) AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS WITH INTERIMS, AND NORFOLK SOUTHERN PUBLIC PROJECTS MANUAL.

**STEEL, CONCRETE, REINFORCING, AND FORMING**

**HIGH EARLY STRENGTH CONCRETE:** THE MIX IS TO MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, CLASS X. THE CEMENT CONTENT SHALL BE A MINIMUM OF 714 LBS. THE WATER-CEMENT RATIO SHALL BE A MAXIMUM OF 0.40. DESIGN AIR CONTENT SHALL BE 6% WITH ±2% ACCEPTANCE RANGE IN THE FIELD. SLUMP SHALL BE 3±1 INCHES. IF USING A TYPE A, F, OR G WATER REDUCER, THE SLUMP SHALL BE MAXIMUM OF 8 INCHES. NO FLY ASH REPLACEMENT WILL BE PERMITTED. THE MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 3,500 PSI. TRAFFIC SHALL NOT BE PERMITTED ON ANY OF THE REPAIRED AREAS UNTIL TEST SPECIMENS ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AND THE CONCRETE HAS BEEN IN PLACE A MINIMUM OF 18 HOURS.

**CONCRETE CURING:** ALL CONCRETE IN REPAIR AREAS SHALL BE CURED ACCORDING TO THE STANDARD SPECIFICATIONS.

**MISCELLANEOUS GENERAL NOTES**

**DEMOLITION:** THE CONTRACTOR SHALL TAKE SPECIAL CARE TO PROTECT ANY PARTS OF THE STRUCTURE THAT ARE NOT TO BE REMOVED SPECIFICALLY. FOR FULL DEPTH SLAB REMOVAL, EXCEPT OVER BEAMS, THE MAXIMUM HAMMER SIZE IS 90 POUND CLASS. FOR PARTIAL DEPTH SLAB REMOVAL AND ANY WORK OVER THE BEAMS, THE MAXIMUM HAMMER SIZE IS 60 POUND CLASS; CHIPPING HAMMERS OF THE 15 POUND CLASS SHALL BE USED TO REMOVE CONCRETE FROM BENEATH ANY REINFORCING STEEL. SAWING OR CUTTING OF THE CONCRETE IS ACCEPTABLE AS LONG AS ANY SPECIFIED PROJECTION OF THE EXISTING REINFORCING STEEL IS MAINTAINED. EXPANSION JOINT REMOVAL SHALL FOLLOW THE SAME RESTRICTIONS AS FULL DEPTH SLAB REMOVAL. ALL DEVICES PROPOSED FOR CONCRETE DEMOLITION SHALL MEET THE APPROVAL OF THE ENGINEER.

THE CONTRACTOR IS NOT ALLOWED TO USE A HYDRAULIC RAM MOUNTED ON A BACKHOE (COMMONLY CALLED A HOE RAM), MINI EXCAVATOR, OR OTHER EQUIPMENT FOR ANY CONCRETE REMOVAL.

**SPECIAL NOTE FOR RAILROAD CROSSINGS:** THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE RAILROAD TRACKS AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY THE NORFOLK SOUTHERN RAILWAY SO AS TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAFFIC.

**PROTECTIVE FENCE:** RAILROAD PROTECTIVE FENCE IS REQUIRED TO BE BUILT IN ACCORDANCE WITH STANDARD DRAWING STD-8-5. DIMENSION "H" AS SHOWN ON STANDARD DRAWING STD-8-5 SHALL BE 10'.

**QUICK-SET PATCHING MATERIAL:** QUICK-SET PATCHING MATERIAL SHALL BE A POLYMER MODIFIED CEMENTITIOUS PATCHING MATERIAL. SEE TDOT QUALIFIED PRODUCTS LIST 13.009 POLY MOD CEMENT STRUCT PATCH VERT & OVER FOR ACCEPTABLE PATCHING MATERIALS.

**RAILROAD NOTES**

THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE RAILROAD'S TRACKS AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY NORFOLK SOUTHERN RAILWAY AS TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAFFIC IN ANY MANNER.

FOR A GENERAL LIST OF ANTICIPATED CONSTRUCTION SUBMISSIONS, PLEASE REVIEW SECTION 6.A.2 OF THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR PROTECTION OF RAILWAYS INTERESTS. A LIST OF REQUIRED SUBMISSIONS WILL BE PROVIDED AT THE PRECONSTRUCTION MEETING.

THE CONTRACTOR SHALL USE EXTREME CARE AND TAKE ANY MEASURES NECESSARY TO PREVENT DEBRIS FROM FALLING ONTO THE RAILROAD'S RIGHT-OF-WAY. THE METHOD PROPOSED TO ACCOMPLISH THIS MUST BE SUBMITTED TO NORFOLK SOUTHERN FOR REVIEW AND APPROVAL PRIOR TO USE AND MUST NOT INFRINGE ON THE VERTICAL AND/OR HORIZONTAL CLEARANCES IN THESE PLANS. THE TEMPORARY MINIMUM VERTICAL AND HORIZONTAL CONSTRUCTION CLEARANCES THAT THE CONTRACTOR MUST MEET AT ALL TIMES ARE LISTED IN SECTION 5.A OF THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR PROTECTION OF RAILWAYS INTERESTS, WHICH CRITERIA ARE INCLUDED IN THE SPECIAL PROVISION 105C. NORFOLK SOUTHERN CORPORATION WILL NOT ALLOW TRACK OR TRACKS TO BE OBSTRUCTED WITH AT GRADE CRANE MAT PROTECTION. COMPLETE AND FULL ENCLOSURE OF STRUCTURE DEMOLITION WITHIN ALLOWABLE CLEARANCES WILL BE REQUIRED. THE COST OF REMOVING AND DISPOSING OF DEBRIS, AND THE COMPLETE AND FULL PROTECTION OF THE CONTRACTOR'S WORK AREA FOR DEMOLITION SHALL BE INCLUDED IN UNIT ITEMS BID ON.

CONTRACTOR PROTECTIVE SERVICES SHALL BE ONSITE ANYTIME CONSTRUCTION ACTIVITIES ARE TAKING PLACE ON OR ADJACENT TO THE RAILROAD PROPERTY AND/OR HAVE THE POTENTIAL TO FOUL THE RAILROAD'S TRACK OR OPERATIONS. SEE SECTION 8 OF THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR PROTECTION OF RAILWAYS INTERESTS - DIRECT HIRE FOR ADDITIONAL CLARIFICATIONS AND REQUIREMENTS REGARDING CONTRACTOR PROTECTION SERVICES.

NO DRAINAGE, TEMPORARY OR PERMANENT, MAY BE DIVERTED ON TO NORFOLK SOUTHERN PROPERTY, HOWEVER, EXISTING DRAINS MAY REMAIN WITHOUT MODIFICATIONS.

PER SECTION H.1.5.J OF THE NORFOLK SOUTHERN PUBLIC PROJECTS MANUAL, NO DRAINAGE IS PERMITTED TO DRAIN ON RAILROAD PROPERTY. THIS INCLUDES ANY WASH WATER FROM THE CLEANING OF EXPOSED CONCRETE SURFACES.

ALL WORK ON, OVER, UNDER, OR ADJACENT TO NORFOLK SOUTHERN (NS) RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE NORFOLK SOUTHERN "SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTERESTS" (NS SPECIAL PROVISIONS).

THE CONTRACTOR WILL NOT BE PERMITTED TO STORE ANY EQUIPMENT ON NORFOLK SOUTHERN PROPERTY WITHOUT PERMISSION FROM THE NORFOLK SOUTHERN RAILROAD ENGINEER IN ACCORDANCE WITH SECTION E.5.K.1 OF THE NORFOLK SOUTHERN PUBLIC PROJECTS MANUAL.

"ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTRACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY, UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.

**RAILROAD NOTES (CONT.)**

ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE PROJECT CONTRACTOR OR PROJECT CONTRACTOR'S SUB-CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR THE INSTALLATION OR RELOCATION TO NORFOLK SOUTHERN PIPE AND WIRE FOR APPROPRIATE HANDLING FOR LICENSE AGREEMENT AND APPLICABLE FEES. FOR UTILITY APPLICATIONS GO TO: [HTTP://WWW.NSCORP.COM/CONTENT/NSCORP/EN/REAL-ESTATE/NORFOLK-SOUTHERN-SERVICES/WIRE-PIPELINE-FIBER-OPTIC-PROJECTS.HTML](http://www.nscorp.com/content/nscorp/en/real-estate/norfolk-southern-services/wire-pipeline-fiber-optic-projects.html). NOTE: LICENSE AGREEMENT MUST BE EXECUTED PRIOR TO UTILITY BEING INSTALLED OR RELOCATED.

NORFOLK SOUTHERN CORPORATION CONTACT:

SHAWN STARLING, P.E.  
SENIOR ENGINEER PUBLIC IMPROVEMENTS  
NORFOLK SOUTHERN RAILWAY COMPANY  
ENGINEERING - DESIGN & CONSTRUCTION  
650 WEST PEACHTREE STREET NW - BOX 45  
ATLANTA, GA 30308  
PHONE: (470) 463-6721  
EMAIL: DOUGLAS.STARLING@NSCORP.COM

CHRIS DELGALLO, DIVISION ENGINEER  
1400 NORFOLK SOUTHERN DRIVE  
BIRMINGHAM, AL 35210  
PHONE: (330) 663-6644  
EMAIL: CHRISTOPHER.DELGALLO@NSCORP.COM

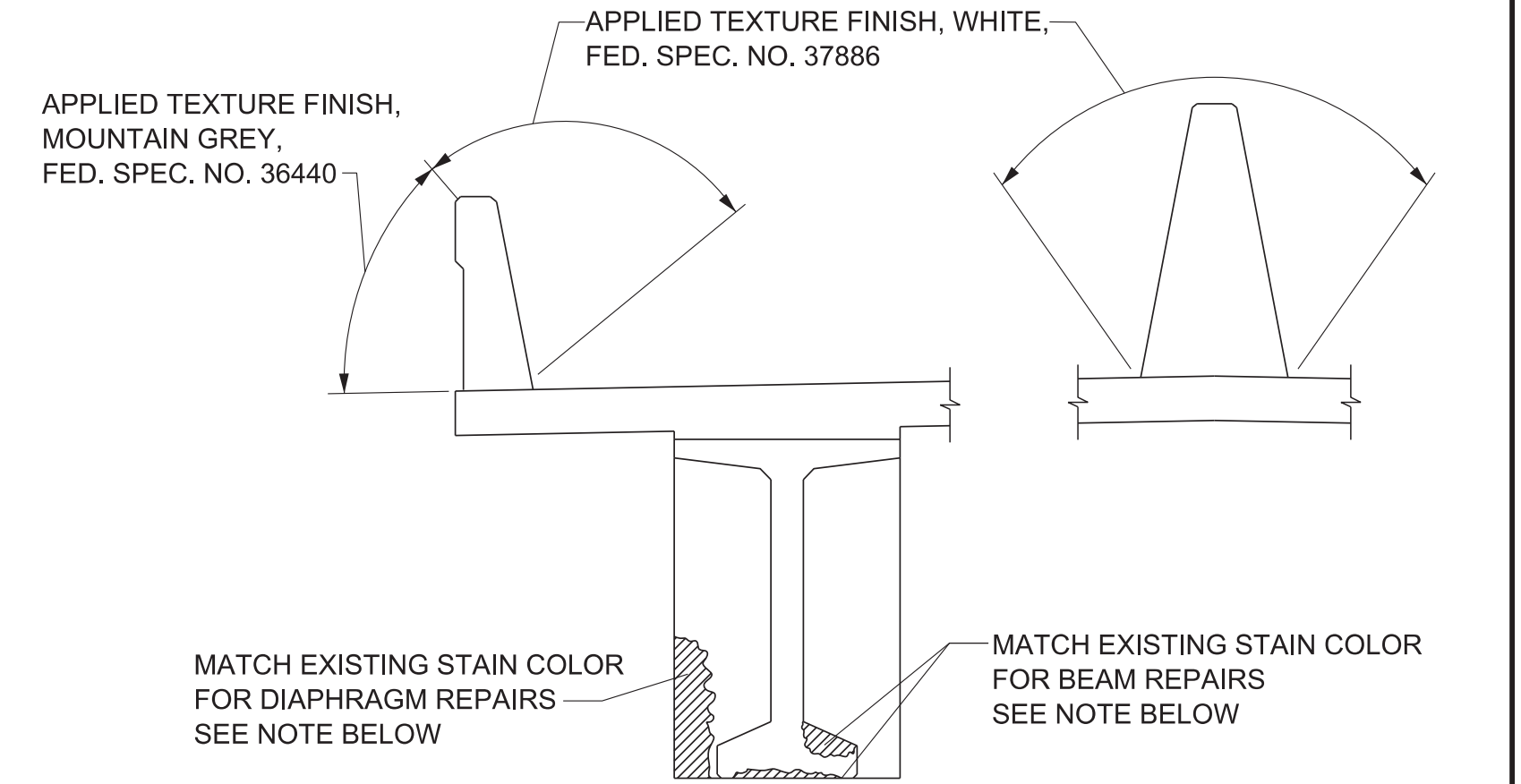
ESTIMATED BRIDGE QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	47-10040-19.30	TOTAL
1	604-04.02 APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	S.Y.	3265	3265
2	604-10.05 CONCRETE	S.F.	71	71
3	604-10.42 CONCRETE REPAIRS	C.F.	3	3
4	604-10.44 EXPANSION JOINT REPAIRS	L.F.	402	402
	604-10.50 BRIDGE DECK REPAIR (PARTIAL DEPTH OF SLAB)	S.Y.	10	10
5	604-10.54 CONCRETE REPAIRS	S.F.	71	71
	617-04.01 TYPE 1 THIN OVERLAY (EPOXY URETHANE)	S.Y.	18841	18841
	707-07.01 CHAIN-LINK FENCE (BRIDGES)	S.F.	1845	1845

\* DENOTES ITEM CAN BE INCREASED, DECREASED, OR ELIMINATED AS DIRECTED BY THE ENGINEER.

**FOOTNOTES**

- INCLUDES ALL LABOR AND MATERIALS NECESSARY FOR THE APPLICATION OF TEXTURE COATING FOR PARAPETS, MEDIAN, AND ALL SPALL REPAIR AREAS AS SHOWN IN THE TEXTURE COATING DETAIL ON THIS SHEET. ALSO INCLUDES SURFACE PREPARATION USING A HIGH PRESSURE WASH TO REMOVE ALL LOOSE COATINGS, FLAKING, AND OTHER FOREIGN SUBSTANCES AND CONTAINMENT SCREENS OR OTHER MEASURES TO THE FULL SATISFACTION OF THE ENGINEER.
- INCLUDES ALL LABOR AND MATERIALS NECESSARY TO PLACE HIGH EARLY STRENGTH CONCRETE FOR REPAIR OF INDICATED AREAS.
- INCLUDES COST OF ALL LABOR, MATERIALS, AND INCIDENTALS TO PERFORM BEAM REPAIRS AS SHOWN ON DWG. NOS. BR-133-308 AND BR-133-309 UTILIZING HIGH EARLY STRENGTH CONCRETE.
- INCLUDES THE COST OF ALL LABOR AND MATERIALS NECESSARY TO REPLACE PABE EXPANSION JOINT SYSTEM AT ABUTMENT NO. 1, ABUTMENT NO. 2A, ABUTMENT NO. 2B, AND ABUTMENT NO. 2C AS SHOWN ON DWG. NO. BR-133-317.
- INCLUDES THE COST OF ALL LABOR AND MATERIALS NECESSARY TO PLACE A POLYMER MODIFIED CEMENTITIOUS STRUCTURAL PATCHING MATERIAL FOR REPAIR OF INDICATED AREAS.

PROJECT NO.	YEAR	SHEET NO.	
471040-M3-012	2026	BR-133-305	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	03-06-2026	TAP	UPDATED STANDARD SPECIFICATIONS



**APPLIED TEXTURE FINISH SKETCH**

LEFT SIDE ONLY SHOWN, SKETCH IS SYMMETRIC ABOUT C/ BRIDGE.

HIGH PRESSURE WATER WASH ALL EXPOSED EXISTING CONCRETE SURFACES AND TEXTURE COAT ALL EXPOSED CONCRETE SURFACES OF PARAPETS AND MEDIAN BARRIER. TOP AND INSIDES FACE OF PARAPETS AND MEDIAN BARRIER SHALL BE WHITE (AMS-STD-595A, COLOR NO. 37886). ALL OTHER SURFACES SHALL BE MOUNTAIN GREY (AMS-STD-595A, COLOR NO. 36440).

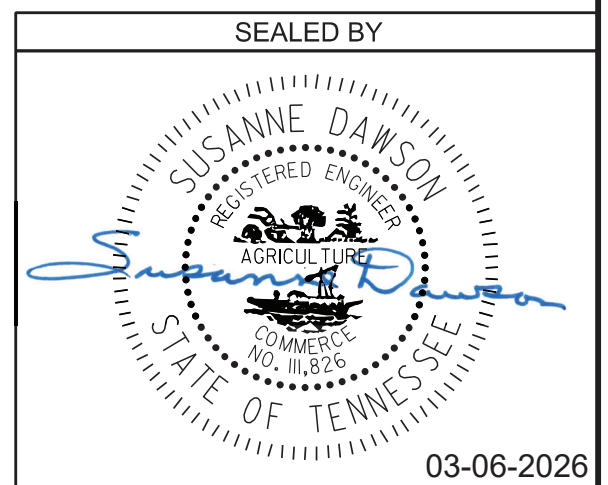
THE CONTRACTOR SHALL USE CONTAINMENT SCREENS OR OTHER MEASURES AS NECESSARY TO PREVENT ANY TEXTURE COATING FROM ENTERING THE ENVIRONMENT. CONTAINMENT MEASURES SHALL BE APPROVED BY THE ENGINEER AND COST SHALL BE INCLUDED IN ITEMS BID ON.

THE EXISTING SURFACES THAT ARE TO RECEIVE A TEXTURE FINISH SHALL BE FREE OF ALL EFFLORESCENCE, FLAKING TEXTURE COATING, RUST, DIRT, OIL, AND OTHER FOREIGN SUBSTANCES PRIOR TO THE APPLICATION OF THE TEXTURE FINISH. THE SURFACE SHALL BE CLEANED TO THE COMPLETE SATISFACTION OF THE ENGINEER USING A HIGH PRESSURE WATER WASH. COST TO BE INCLUDED IN ITEM NO. 604-04.02, APPLIED TEXTURE FINISH (EXISTING STRUCTURES), S.Y.

THE WASH WATER IS TO BE FILTERED AND PAINT CHIPS AND DEBRIS COLLECTED PRIOR TO RELEASE OF WATER.

CONCRETE STAIN COLOR SHALL MATCH THE EXISTING BEAM AND DIAPHRAGM. FINAL COLOR NUMBER TO BE APPROVED BY DIVISION OF STRUCTURES. COST TO BE INCLUDED IN ITEM NO. 604-04.02, APPLIED TEXTURE FINISH (EXISTING STRUCTURES), S.Y.

COST OF TEXTURE COATING AND STAIN FOR DIAPHRAGM AND BEAM REPAIRS SHALL BE INCLUDED IN ITEM NO. 604-04.02, APPLIED TEXTURE FINISH (EXISTING STRUCTURES), S.Y.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
GENERAL NOTES AND  
ESTIMATED BRIDGE QUANTITIES  
BRIDGE NO. 47-10040-19.30  
FEDERAL BRIDGE ID NO. 47100400205  
JAMES WHITE PARKWAY OVER NORFOLK  
SOUTHERN RAILWAY, WILLOW AVENUE,  
AND JACKSON AVENUE  
KNOX COUNTY  
2026 BR-133-305

PIN NO.: 134994.00  
DESIGN BY: BRAD WARREN DATE: MARCH 2025  
DRAWN BY: T. PELOW/D. PICKEL DATE: MARCH 2025  
SUPERVISED BY: SUSANNE DAWSON DATE: MARCH 2025  
CHECKED BY: FRANK BALE DATE: MARCH 2025