

NOTES

PROFILE INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND ROUTINE INSPECTION REPORT DATED 8/16/2022.

BRIDGE ORIENTATION CONFORMS TO EXISTING BRIDGE PLANS.

ALL WORK REQUIRING BRIDGE JACKING SHALL BE COMPLETED AND JACKING REMOVED PRIOR TO PERFORMING ANY BRIDGE DECK AND JOINT WORK.

SCOPE OF WORK

REMOVE CONCRETE MEDIAN PRIOR TO BRIDGE DECK SCARIFICATION, SHOTBLASTING, AND PLACEMENT OF PC OVERLAY. REPLACE MEDIAN AFTER THE PC OVERLAY HAS BEEN COMPLETED AND FULLY CURED.

PARTIALLY REMOVE TOP OF BRIDGE DECK AND APPROACH SLAB CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.

OVERLAY PREPARED TOP OF BRIDGE DECK AND APPROACH SLABS WITH POLYMER CONCRETE (PC).

GROOVE POLYMER CONCRETE BRIDGE DECK.

REMOVE EXISTING JOINT MATERIAL AT END BENTS AND BENTS AND INSTALL FOAM JOINTS.

CONCRETE REPAIR OF SPALLED AREAS ON THE SIDEWALK AND RAIL BASE.

INJECT CONCRETE CRACKS WITH EPOXY RESIN.

REMOVE UNSOUND CONCRETE AND PROPERLY PREPARE EXISTING END BENT AND BENT AREAS FOR SHOTCRETE AND CONCRETE REPAIRS.

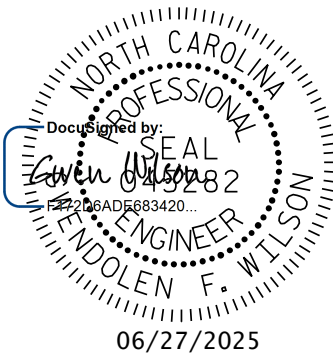
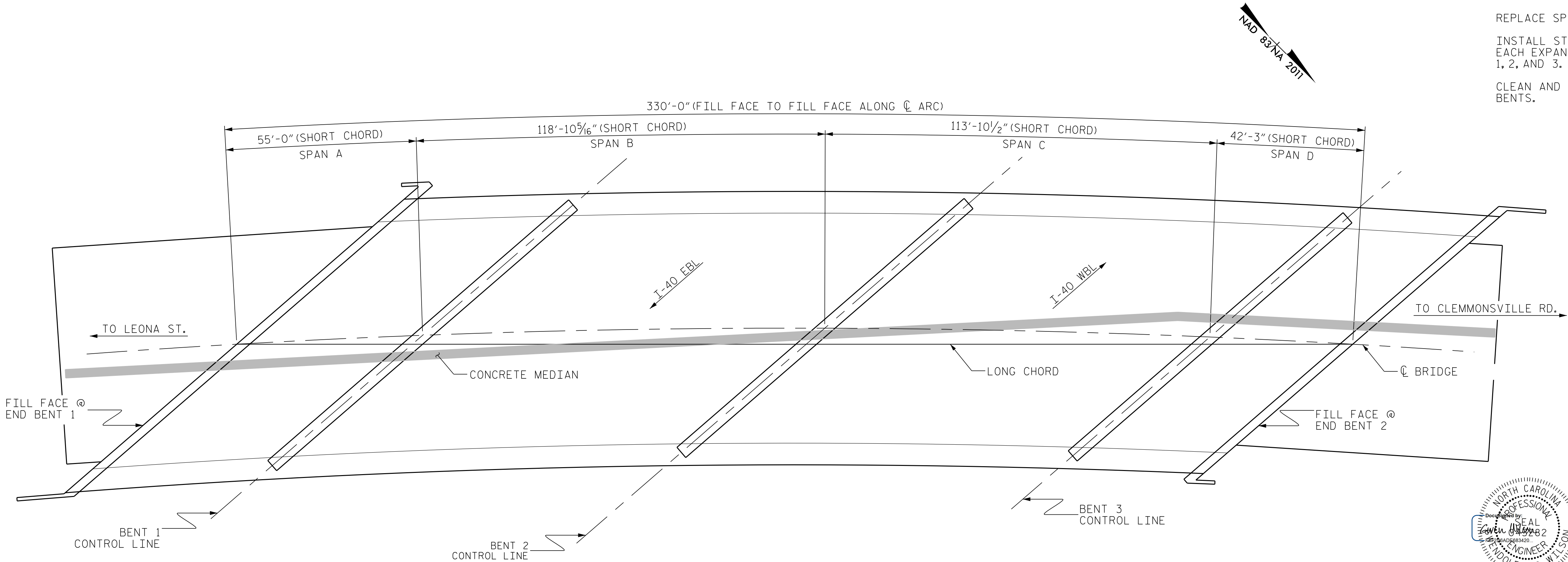
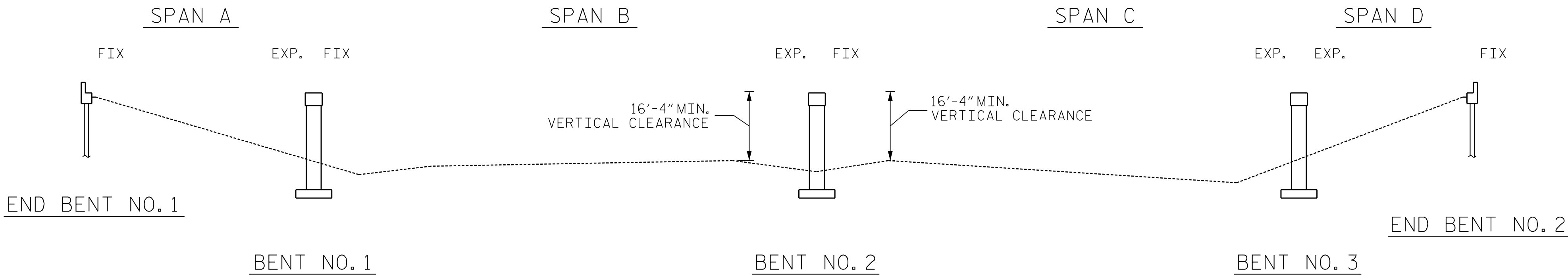
PROPERLY PREPARE SPALLED AREAS IN EXISTING END BENT AND BENTS AND PERFORM SHOTCRETE AND CONCRETE REPAIRS.

REMOVE DEBRIS FROM TOP OF EXISTING END BENT AND BENT CAPS AND APPLY EPOXY COATING.

REPLACE SPAN B BEAM 1 FAR SIDE BEARING PLATE.

INSTALL STEEL BEARING KEEPER ANGLE ASSEMBLIES AT EACH EXPANSION BEARING THAT IS OUT OF PLUMB AT BENT 1, 2, AND 3.

CLEAN AND PAINT WEATHERING STEEL AT THE INTERIOR BENTS.



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT NO. I-5880
FORSYTH COUNTY
BRIDGE: 330029

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON NC 109
OVER I-40 BETWEEN
LEONA ST. AND
CLEMMONSVILLE RD.

REVISIONS						SHEET NO. SI-1
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 21
2			4			

DWN. BY: BC DATE: 10/2024
CHKD. BY: GFW DATE: 11/2024

BC: 10/2024
GFW: 11/2024
TIME: 6/24/2025
C:\Users\jmt-jwt\Documents\Projects\100\100-36-00\DesignStructures\Bridges\330029-2_Plan\4 Final Plans\401.DOC\105880_6201.DOC