

NOTES:

PROFILE INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 09/23/2022.

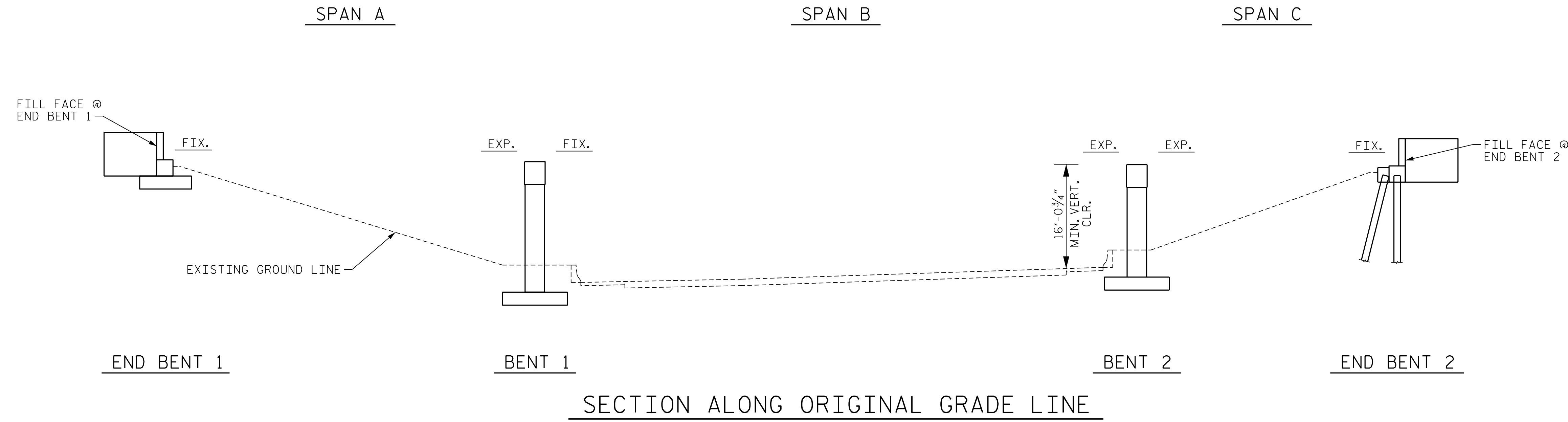
BRIDGE ORIENTATION CONFORMS TO EXISTING BRIDGE PLANS AND ROUTINE INSPECTION REPORT.

SCOPE OF WORK:

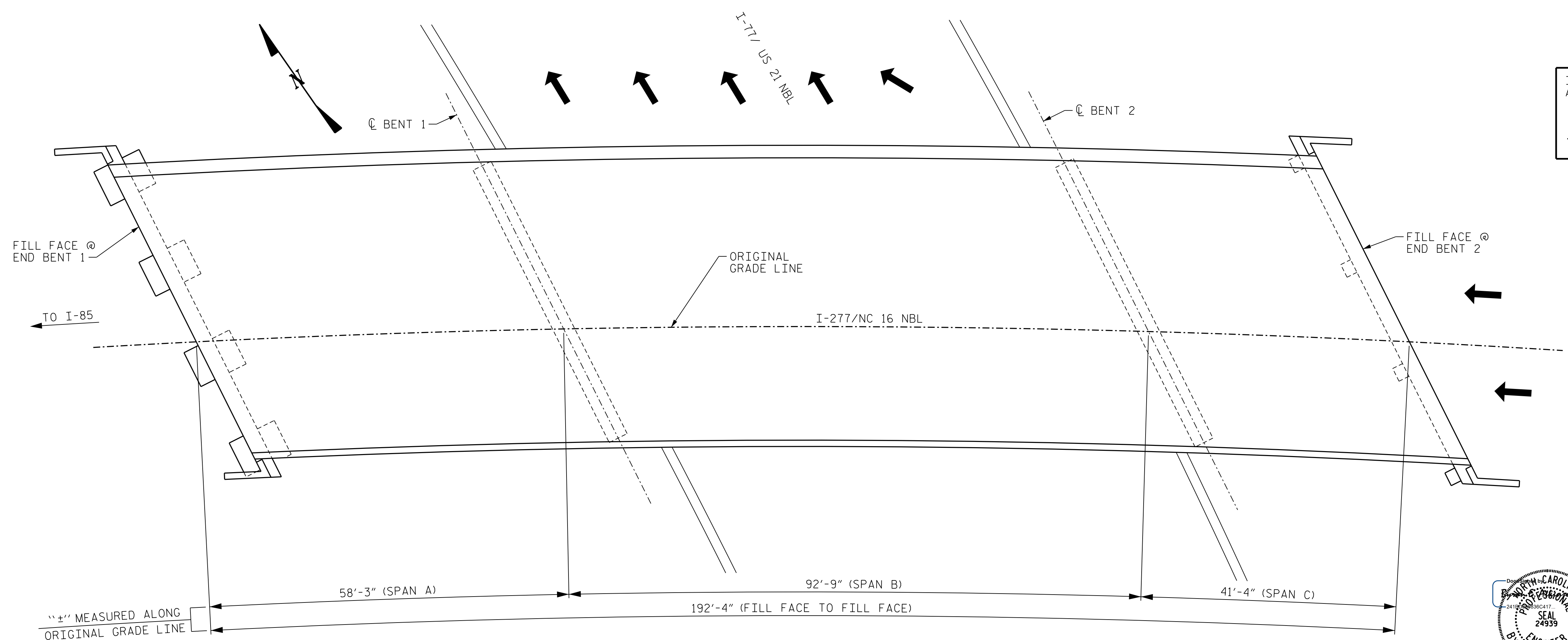
- PARTIALLY REMOVE BRIDGE DECK CONCRETE USING SCARIFICATION AND HYDRO-DEMOLITION METHODS.
- PERFORM CLASS II SURFACE PREPARATION AND REPAIR ON DECK SURFACES.
- OVERLAY PREPARED BRIDGE DECK WITH LATEX MODIFIED CONCRETE - VERY EARLY STRENGTH (LMC-VES).
- RECONSTRUCT BRIDGE DECK JOINT AND INSTALL JOINT SEALS.
- GROOVE LMC-VES BRIDGE DECK.
- SUBSTRUCTURE REPAIRS USING EPOXY RESIN INJECTION AND SHOTCRETE.
- EPOXY COATING OF TOP OF CAPS.
- STRUCTURAL STEEL REPAIRS.
- INSTALL STEEL BEARING KEEPER ANGLE ASSEMBLY.
- CLEANING AND PAINTING STEEL BEAMS.
- CLEANING AND PAINTING BEARINGS WITH HRCSA.

I HEREBY CERTIFY THAT THIS STRUCTURE HAS REHABILITATED ACCORDING TO THESE PLANS OR AS NOTED HEREIN.

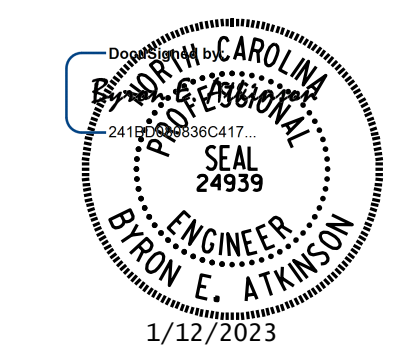
RESIDENT ENGINEER _____ DATE _____



SECTION ALONG ORIGINAL GRADE LINE



PLAN



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER: P-0671

PROJECT NO. I-6052
MECKLENBURG COUNTY
BRIDGE NO. 590337

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON
I-277/NC 16 NBL
OVER I-77/US 21 NBL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S4-1 TOTAL SHEETS 108
2			4			

DRAWN BY : B.E. LANNING	DATE : 10/2022
CHECKED BY : B.E. ATKINSON	DATE : 10/2022
DESIGN ENGINEER OF RECORD : B.E. ATKINSON	DATE : 10/2022

1/12/2023 9:18:32 AM User: blanning
 Filename: N:\NC Bridges\W2100139-I-6052-101\Meck Co.Br.Preservation\Structures\404_001-I-6052-SMU.GD1.590337.dgn