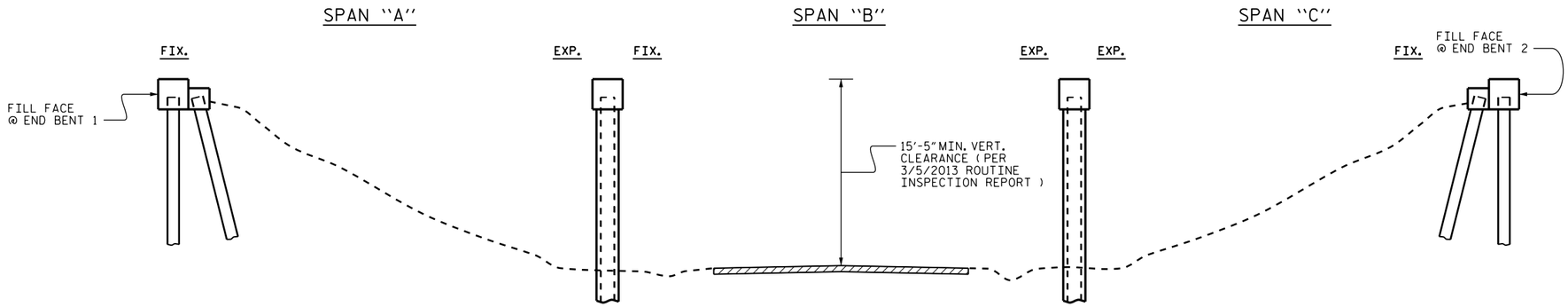


SECTION ALONG ℄ WESTBOUND TRAVEL LANES

(SECTIONS TAKEN AT RIGHT ANGLES)

SCOPE OF WORK:

SAWCUT AND CHIP OUT UNSOUND CONCRETE IN SPALLED AND DELAMINATED AREAS OF SUBSTRUCTURE.

APPLY SHOTCRETE IN PREPARED AREAS OF SUBSTRUCTURE.

EPOXY INJECT CRACKS IN SUBSTRUCTURE.

REMOVE ENCASEMENTS FROM EXISTING PILES.

CUT-OUT AND REPAIR AREAS OF SECTION LOSS IN EXISTING PILES.

PRIME AND PAINT EXISTING PILES.

REPAIR STEEL BEAMS.

REMOVE AND REPLACE STEEL BEARINGS.

PREPARE AND PAINT STRUCTURAL STEEL.

STRENGTHEN APPROACH ROADWAY SHOULDERS.

PARTIALLY REMOVE BRIDGE DECK CONCRETE USING SCARIFICATION AND HYDRO-DEMOLITION METHODS.

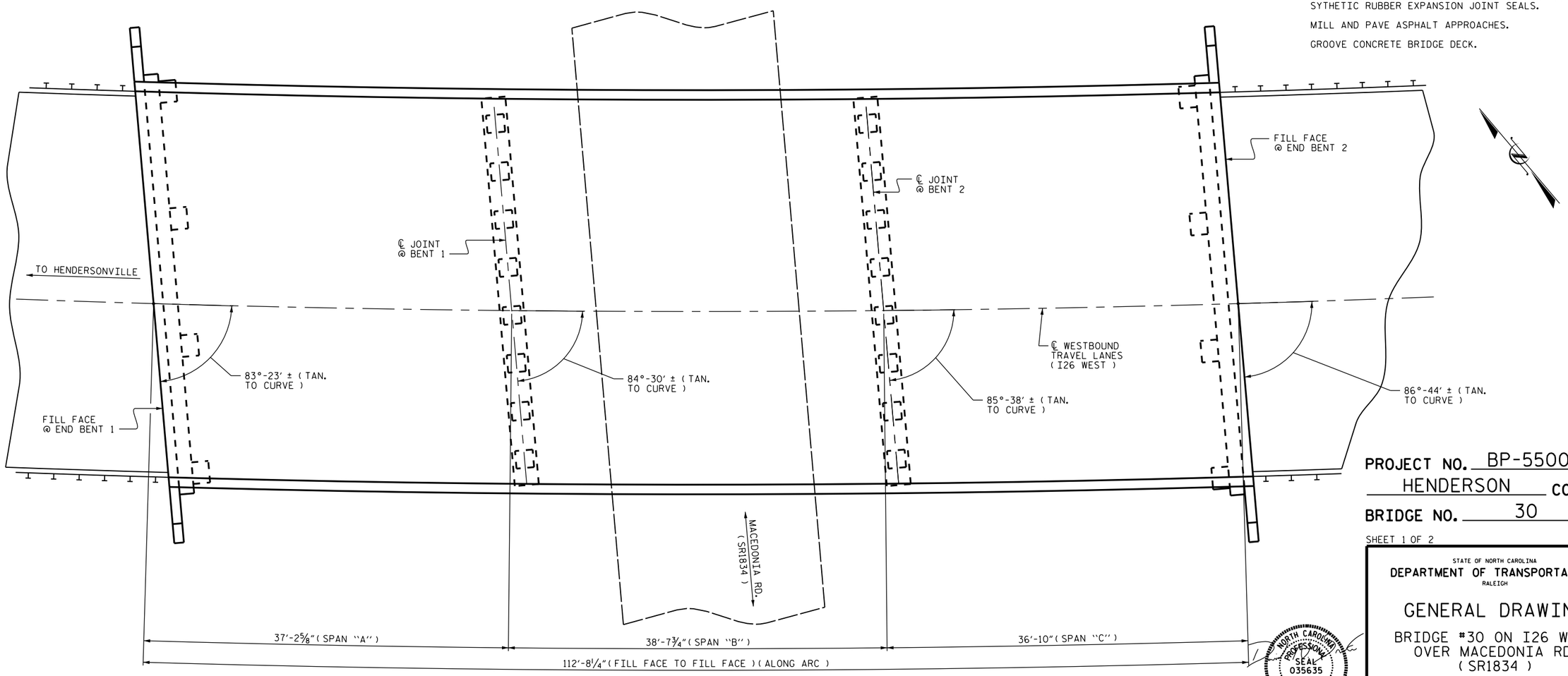
OVERLAY PREPARED BRIDGE DECK WITH LATEX MODIFIED CONCRETE

DEMOLISH EXISTING BRIDGE DECK JOINTS.

RECONSTRUCT BRIDGE DECK JOINTS AND INSTALL NEW SYTHETIC RUBBER EXPANSION JOINT SEALS.

MILL AND PAVE ASPHALT APPROACHES.

GROOVE CONCRETE BRIDGE DECK.



PLAN

(PILES NOT SHOWN FOR CLARITY)

NORTH CAROLINA PROFESSIONAL SEAL 035635 ENGINEER DAVID N. SNOKE
4/14/14

PROJECT NO. BP-5500BB
HENDERSON **COUNTY**
BRIDGE NO. 30

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE #30 ON I26 WEST
OVER MACEDONIA RD.
(SR1834)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			19

DRAWN BY :	P.C. BREWER	DATE :	2/14
CHECKED BY :	D.N. SNOKE	DATE :	3/14
DESIGN ENGINEER OF RECORD:	-	DATE :	-

18-JUL-2014 11:47
S:\PRS\POC\Squad C\Preservation_Projects\BP-5500\BB\Henderson_30\440030_SD_GD.dgn
malee7