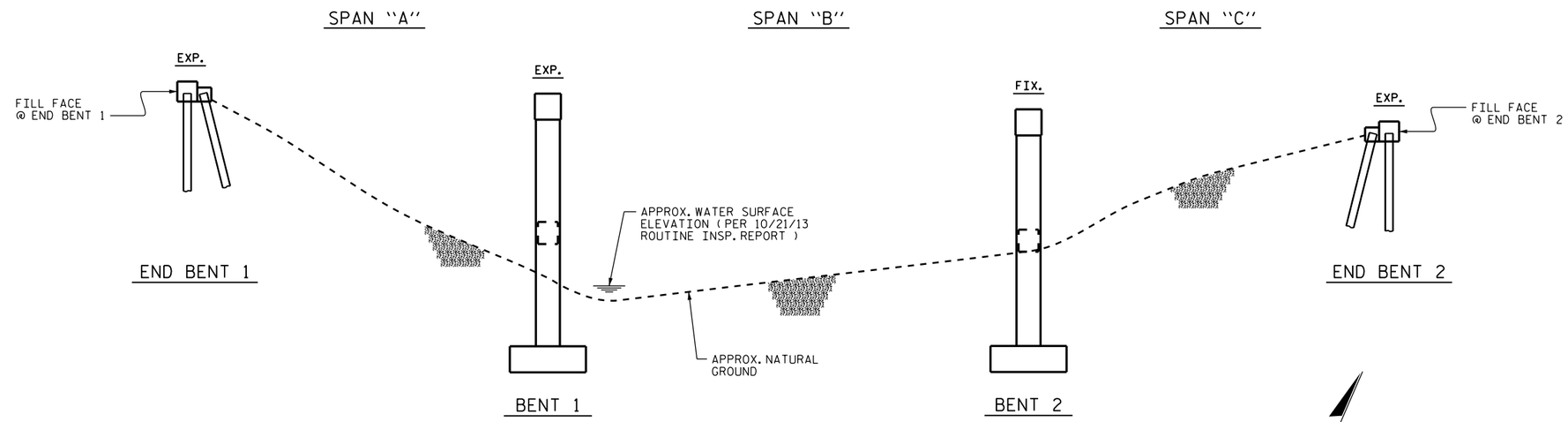
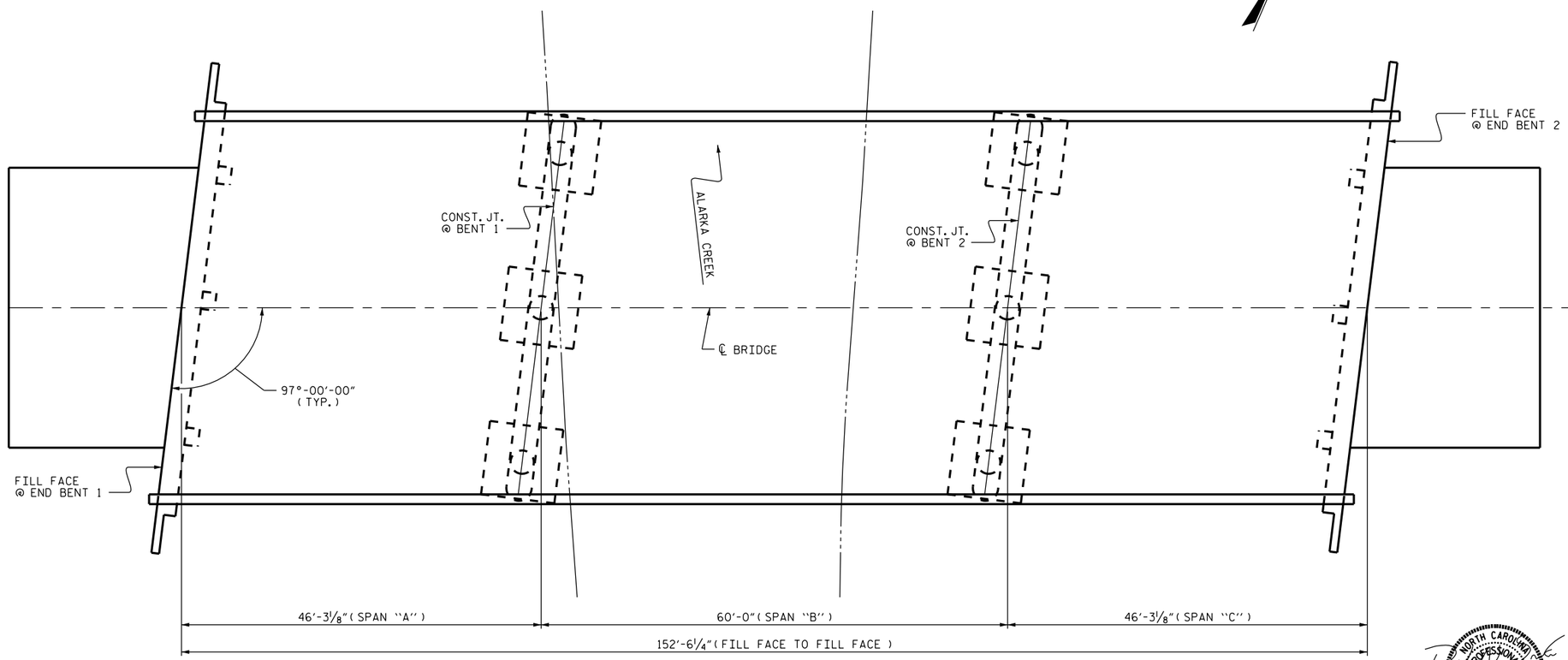


SECTION ALONG DOWNSTREAM EDGE OF BRIDGE

(SECTIONS TAKEN AT RIGHT ANGLES)



PLAN

(PILES NOT SHOWN FOR CLARITY)

TO BRYSON CITY

NOTE:

THE PROFILE AND WATER SURFACE INFORMATION IS TAKEN FROM THE 10/21/13 ROUTINE INSPECTION REPORT.

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.

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 JOINT SEALS.

MILL AND PAVE ASPHALT APPROACHES.

GROOVE CONCRETE BRIDGE DECK.

PROJECT NO. BP-5500DD

SWAIN **COUNTY**

BRIDGE NO. 16

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE 16 ON US19 NORTH & US74 EAST OVER ALARKA CREEK

NORTH CAROLINA PROFESSIONAL SEAL 035635 ENGINEER DAVID N. SNOKE

4/21/14

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2			4			24

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

29-APR-2014 15:13
S:\PRS\POC\Squad C\Preservation_Projects\BP-5500\DD\SWAIN_16\860016_SD_GD.dgn
pbrewer