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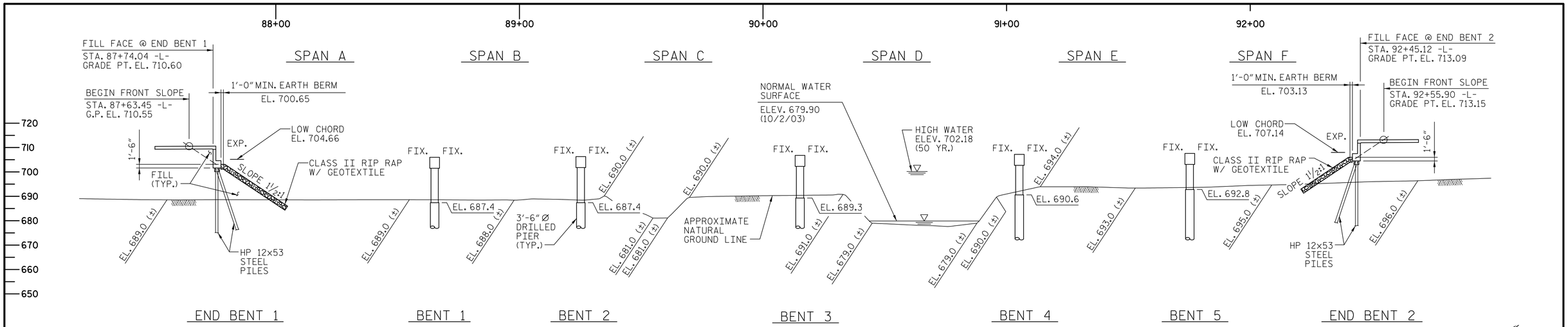


GRADE DATA -L-

(-)3.5835% (+)0.5286%

PI STA. 75+25.22 -L-
ELEV. = 704.0000
V.C. = 650.000'

SECTION ALONG -L-

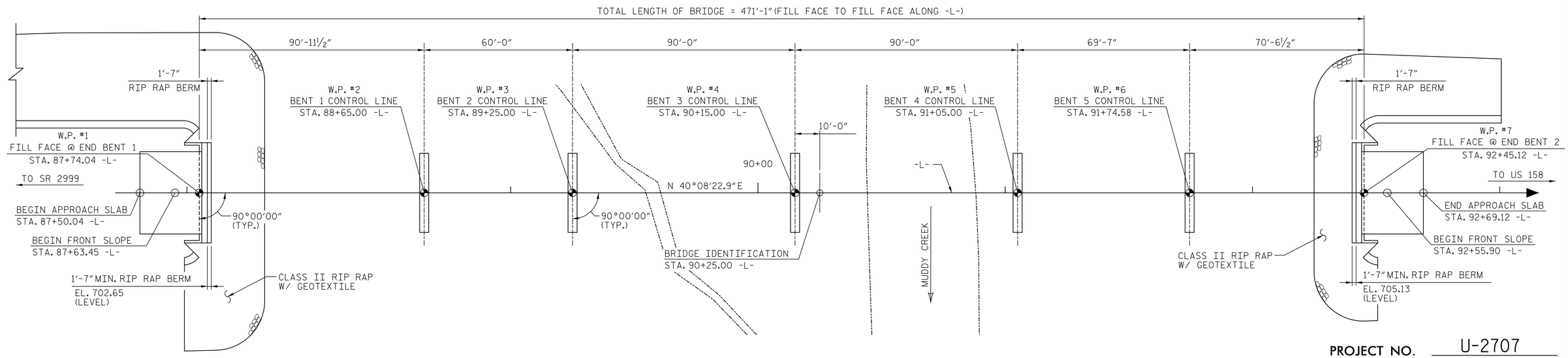
(SECTIONS AT BENTS AND END BENTS ARE AT RIGHT ANGLES)

GRADE DATA -L-

(+)0.5286% (+)2.8885%

PI STA. 94+67.31 -L-
ELEV. = 714.270
V.C. = 350.000'

NAD 83 / NSRS 2007



PLAN

(PILES AND DRILLED PIERS NOT SHOWN IN PLAN VIEW FOR CLARITY)

PROJECT NO. U-2707

FORSYTH **COUNTY**

STATION: 90+25.00 -L-

SHEET 1 OF 3 BRIDGE NO. 656

HYDRAULIC DATA

DESIGN DISCHARGE	18,000 CFS
FREQUENCY OF DESIGN FLOOD	50 YR.
DESIGN HIGH WATER ELEVATION	702.18
DRAINAGE AREA	110 SQ. MI.
BASE DISCHARGE (Q 100)	19,000 CFS
BASE HIGH WATER ELEVATION	702.59

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	26,000 CFS
FREQUENCY OF OVERTOPPING FLOOD	> 100 YR.
OVERTOPPING FLOOD ELEVATION	704.75

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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NORTH CAROLINA PROFESSIONAL SEAL 030474 ENGINEER JOHN C. MORRISON
DocuSigned by: John C. Morrison
3/2/2016

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE ON SR 3000
(IDOLS ROAD) OVER MUDDY CREEK
BETWEEN SR 2999 AND US 158

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-01
1			3			TOTAL SHEETS
2			4			86

DRAWN BY : KHC DATE : 10/2015
CHECKED BY : JCM DATE : 10/2015

USER: Kyle.Compton
DGN: \\USRAL3PW001.aecomnet.com\Data\Projects\60446218\400_Technical\450_NCDOT_Std_Tech_Design_Files\Structures\Bridge 656\Cadd\401_001_U2707_SM1_S01.dgn
DATE: 3/2/2016
TIME: 6:46:08 AM