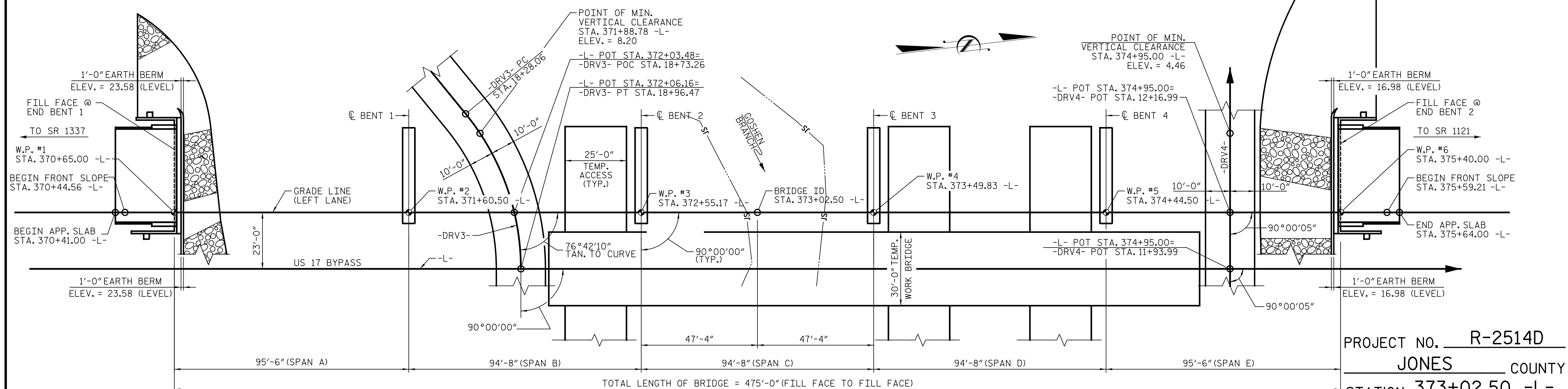


SECTION ALONG GRADE LINE (LEFT LANE)



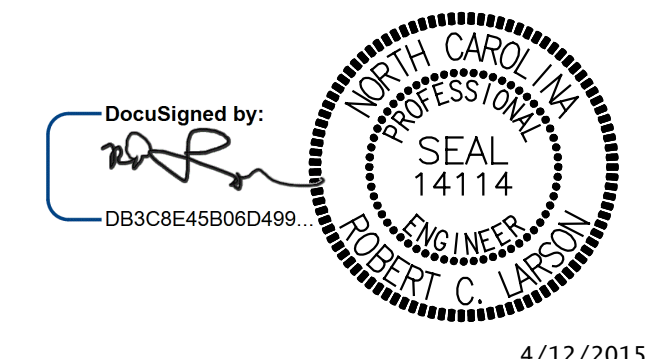
PLAN

(PILES NOT SHOWN FOR CLARITY)

HORIZONTAL CURVE DATA -DRV3-

PI STATION 18+63.66
 Δ 39° 11' 47.4" (RT)
 D = 57° 17' 44.8"
 L = 68.41'
 T = 35.60'
 R = 100.00'

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE = 480 CFS
 DESIGN FREQUENCY = 50 YR.
 DESIGN HW ELEV. = 4.4 FT.
 DRAINAGE AREA = 2.1 SQ. MI.
 BASE DISCHARGE = 600 CFS
 BASE FREQUENCY = 100 YR.
 BASE HW ELEV. = 5.20 FT
 OVERTOPPING DISCHARGE = N/A
 OVERTOPPING FREQUENCY = 500+ YR.
 OVERTOPPING ELEV. = 15.8 FT.*

* OVERTOPS DRAINAGE DIVIDE @ STA. 371+50 -L- (LT.)

DESIGN ENGINEER OF RECORD:	DATE:	4/12/2015
DRAWN BY:	DATE:	07/29/13
CHECKED BY:	DATE:	04/03/14

PROJECT NO. **R-2514D**
JONES COUNTY
 STATION: **373+02.50 -L-**

SHEET 1 OF 4 BRIDGE NO. 99

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE ON US 17 BYPASS
 OVER GOSHEN BRANCH
 BETWEEN SR 1337 AND SR 1121
 LEFT LANE STR-#5

REVISIONS		SHEET NO.	
NO.	DATE	NO.	DATE
1		3	
2		4	

TOTAL SHEETS: 505-34

KCI Associates
 of North Carolina, P.A.
 DWG. REF. NO. 1 OF 34