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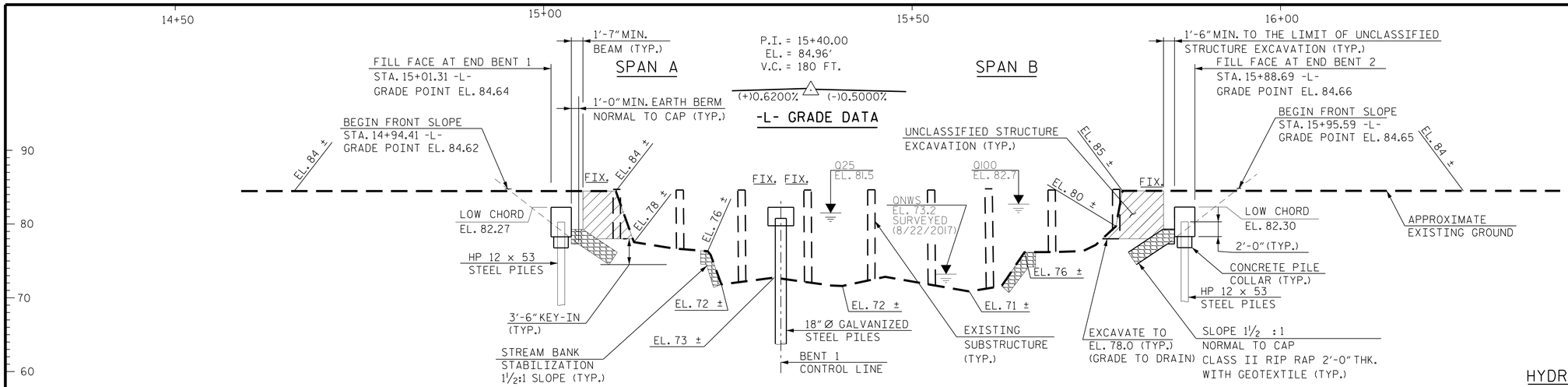


SECTION ALONG -L-

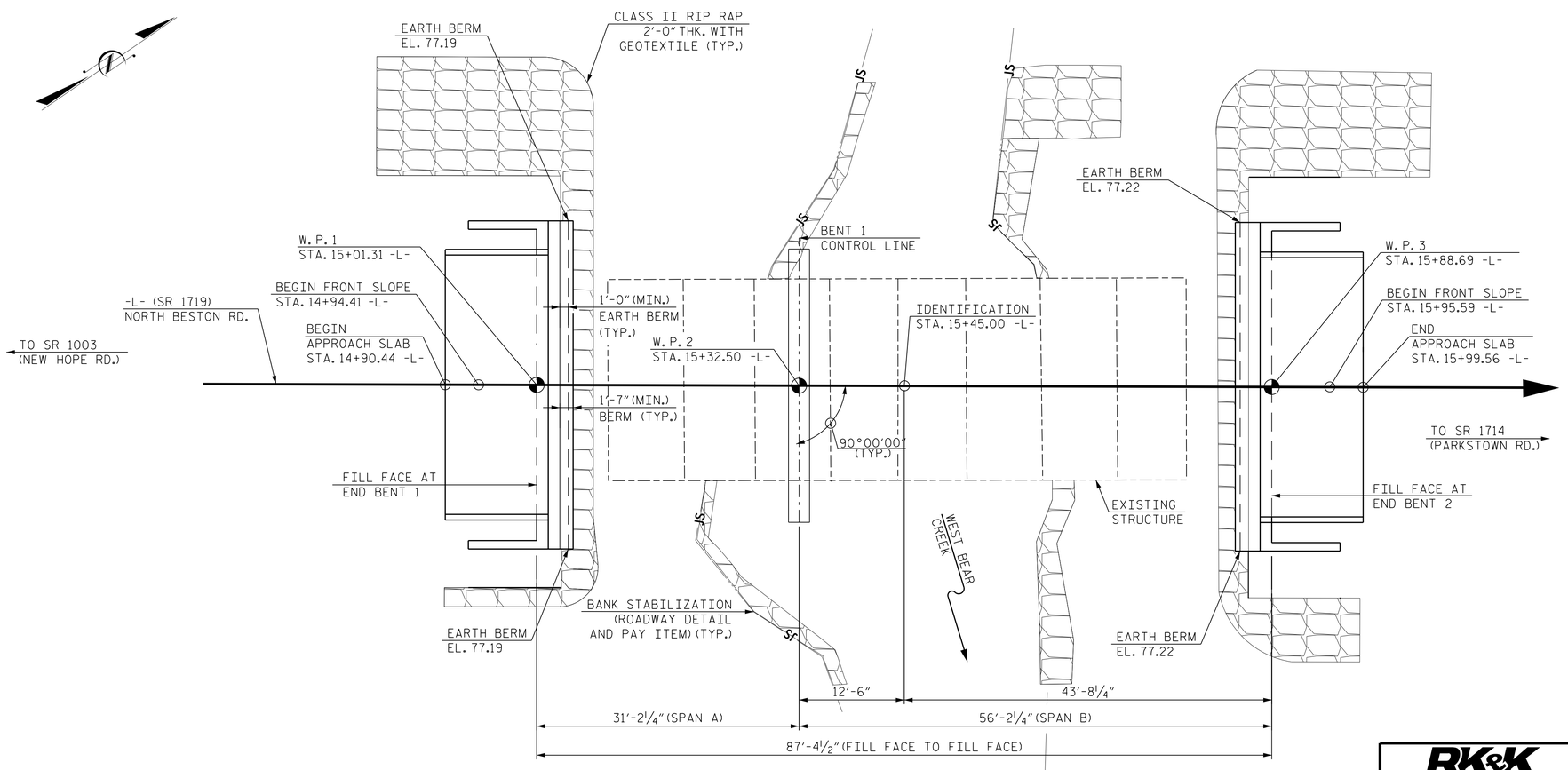
HYDRAULIC DATA

DESIGN DISCHARGE---------- 1,600 C.F.S.
FREQUENCY OF DESIGN DISCHARGE------- 25 YR.
DESIGN HIGH WATER ELEVATION-------- EL. 81.5
DRAINAGE AREA---------- 21.4 SQ. MI.
BASE DISCHARGE (Q100)---------- 2,470 C.F.S.
BASE HIGH WATER ELEVATION---------- EL. 82.7

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE---------- 4,200 C.F.S.
FREQUENCY OF OVERTOPPING---------- 500+ YR.
OVERTOPPING ELEVATION---------- EL. 84.1
OVERTOPPING LOW POINT------- STA. 13+62.20 -L-

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



PLAN

PILES NOT SHOWN IN PLAN VIEW FOR CLARITY

PROJECT NO. 17BP.4.R.87
WAYNE COUNTY
STATION: 15+45.00 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 950015

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER WEST BEAR CREEK ON SR 1719 BETWEEN SR 1003 (NEW HOPE RD.) AND SR 1714 (PARKSTOWN RD.)

BRIDGE NO. 950015

NORTH CAROLINA PROFESSIONAL SEAL 040145 ENGINEER TIMOTHY L. COGGINS
Signed by: Timothy L. Coggins
5/16/2018

RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NC 27609-3960 (919) 878-9560
NC LICENSE NUMBER: F-0112

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

SHEET NO. S-1
TOTAL SHEETS 21

DRAWN BY : O. J. PAITEL DATE : JAN 2019
CHECKED BY : T. L. COGGINS DATE : JAN 2019
DESIGN ENGINEER OF RECORD : T. L. COGGINS DATE : JAN 2019

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opaitel
4/17/2018