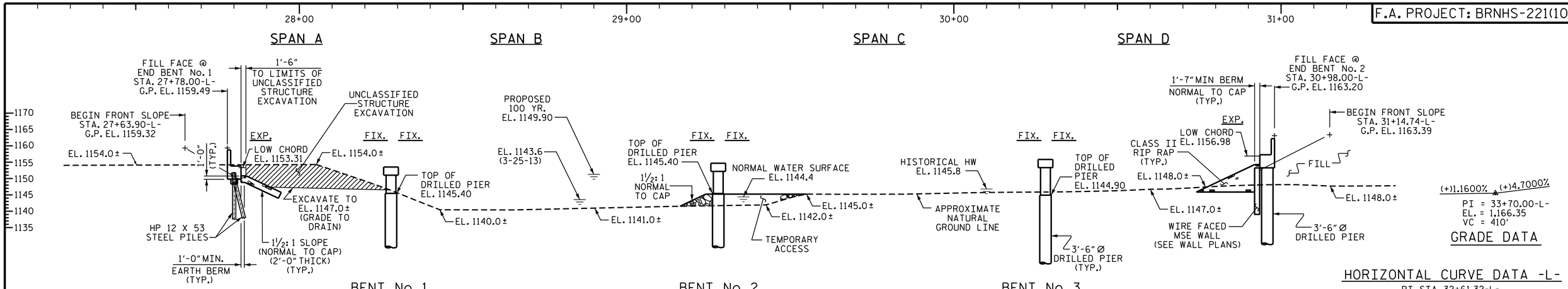
F.A. PROJECT: BRNHS-221(10)



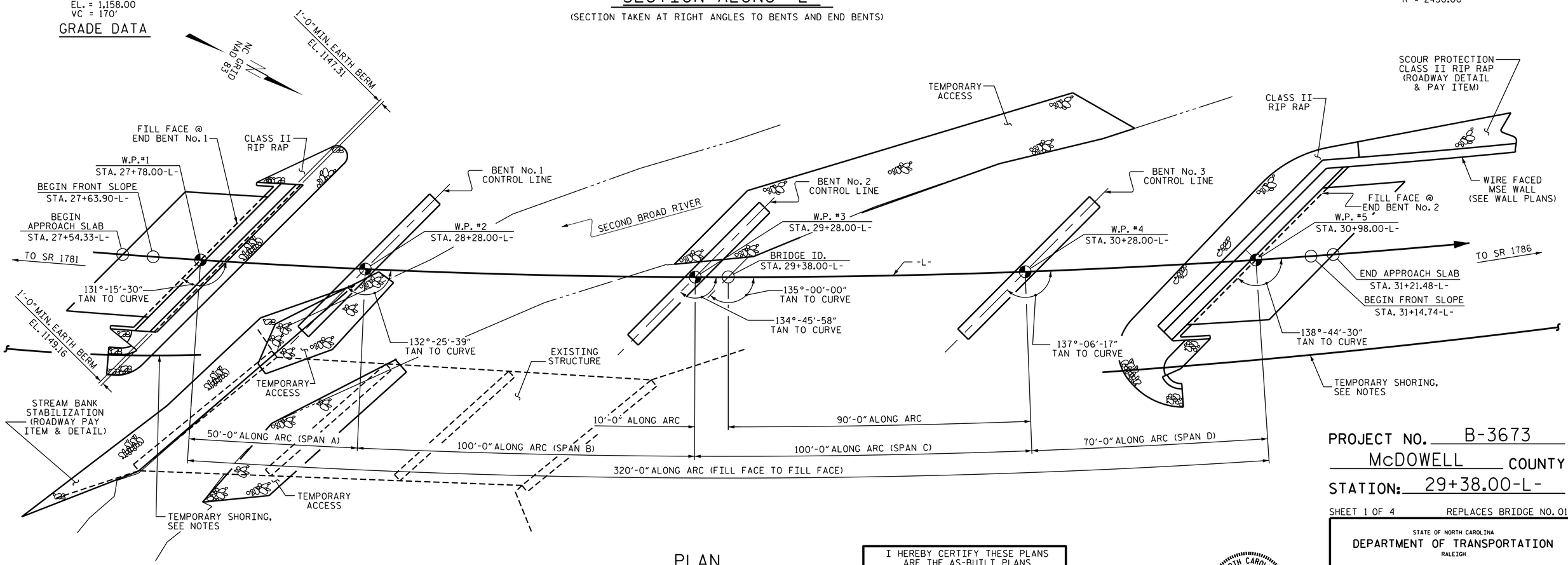
(+)1.1600% (+)4.7000%
PI = 33+70.00-L-
EL. = 1,166.35
VC = 410'
GRADE DATA

HORIZONTAL CURVE DATA -L-
PI STA. 32+61.32-L-
Δ = 22°-43'-37.4" (LT)
D = 2°-20'-19.0"
T = 492.38'
L = 971.82'
R = 2450.00'

(+)1.4400% (+)1.1600%
PI = 26+50.00-L-
EL. = 1,158.00
VC = 170'
GRADE DATA

SECTION ALONG -L-

(SECTION TAKEN AT RIGHT ANGLES TO BENTS AND END BENTS)



PLAN

(PILES FOR END BENT No. 1, COLUMNS & DRILLED PIERS FOR BENTS 1 - 3 AND DRILLED PIERS FOR END BENT No. 2 NOT SHOWN FOR CLARITY)

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

NORTH CAROLINA PROFESSIONAL SEAL 17230 ENGINEER WAEL S. ARAFAT

DocuSigned by: Wael Arafat
4139C12A32AB406...

2/24/2015

PROJECT NO. B-3673
McDOWELL COUNTY
STATION: 29+38.00-L-

SHEET 1 OF 4 REPLACES BRIDGE NO. 017

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING FOR BRIDGE OVER SECOND BROAD RIVER ON US 221 BETWEEN SR 1781 AND SR 1786

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			43

DRAWN BY : H. T. BARBOUR DATE : 7-25-14
CHECKED BY : D. HODGE DATE : 7-14
DESIGN ENGINEER OF RECORD: J.P. McCARTHA DATE : 1-6-15

23-FEB-2015 16:38
R:\Structures\Plans\Final Plans\B3673_SD_GD.dgn
warafat