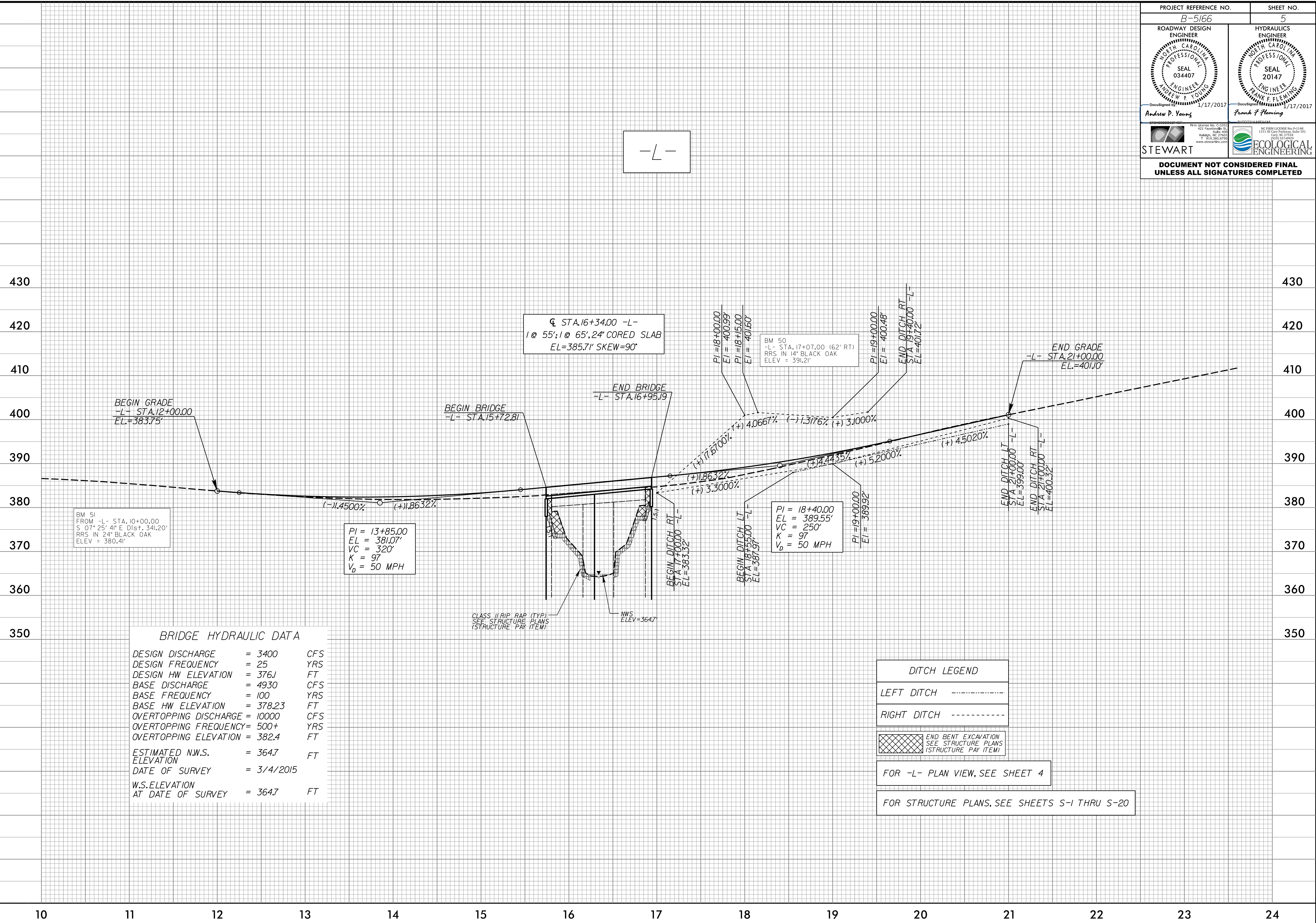


5/28/99

REVISIONS



BM 51
FROM -L- STA. 10+00.00
S 07° 25' 41" E Dist. 341.20'
RRS IN 24" BLACK OAK
ELEV = 380.41'

PI = 13+85.00
EL = 381.07'
VC = 320'
K = 97
V₀ = 50 MPH

CL STA. 16+34.00 -L-
1 @ 55'; 1 @ 65', 2" CORED SLAB
EL=385.71' SKEW=90°

PI = 18+00.00
EI = 400.99'
PI = 18+15.00
EI = 401.60'

BM 50
-L- STA. 17+07.00 (62' RT)
RRS IN 14" BLACK OAK
ELEV = 391.21'

PI = 19+00.00
EI = 400.48'
END DITCH RT
STA 19+40.00 -L-
EL=401.72'

END GRADE
-L- STA. 21+00.00
EL=401.10'

END DITCH LT
STA 21+00.00
EL=399.00'
END DITCH RT
STA 21+00.00
EL=400.32'

PI = 18+40.00
EL = 389.55'
VC = 250'
K = 97
V₀ = 50 MPH

PI = 19+00.00
EI = 389.92'

CLASS II RIP RAP (TYP)
SEE STRUCTURE PLANS
(STRUCTURE PAY ITEM)

NWS
ELEV=364.7

BRIDGE HYDRAULIC DATA		
DESIGN DISCHARGE	= 3400	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 376.1	FT
BASE DISCHARGE	= 4930	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 378.23	FT
OVERTOPPING DISCHARGE	= 10000	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 382.4	FT
ESTIMATED N.W.S. ELEVATION	= 364.7	FT
DATE OF SURVEY	= 3/4/2015	
W.S. ELEVATION AT DATE OF SURVEY	= 364.7	FT

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----
END BENT EXCAVATION	XXXXXX
SEE STRUCTURE PLANS	
(STRUCTURE PAY ITEM)	

FOR -L- PLAN VIEW, SEE SHEET 4

FOR STRUCTURE PLANS, SEE SHEETS S-1 THRU S-20

1/17/2017 10:51:56 AM r.du.psh_05.dgn