

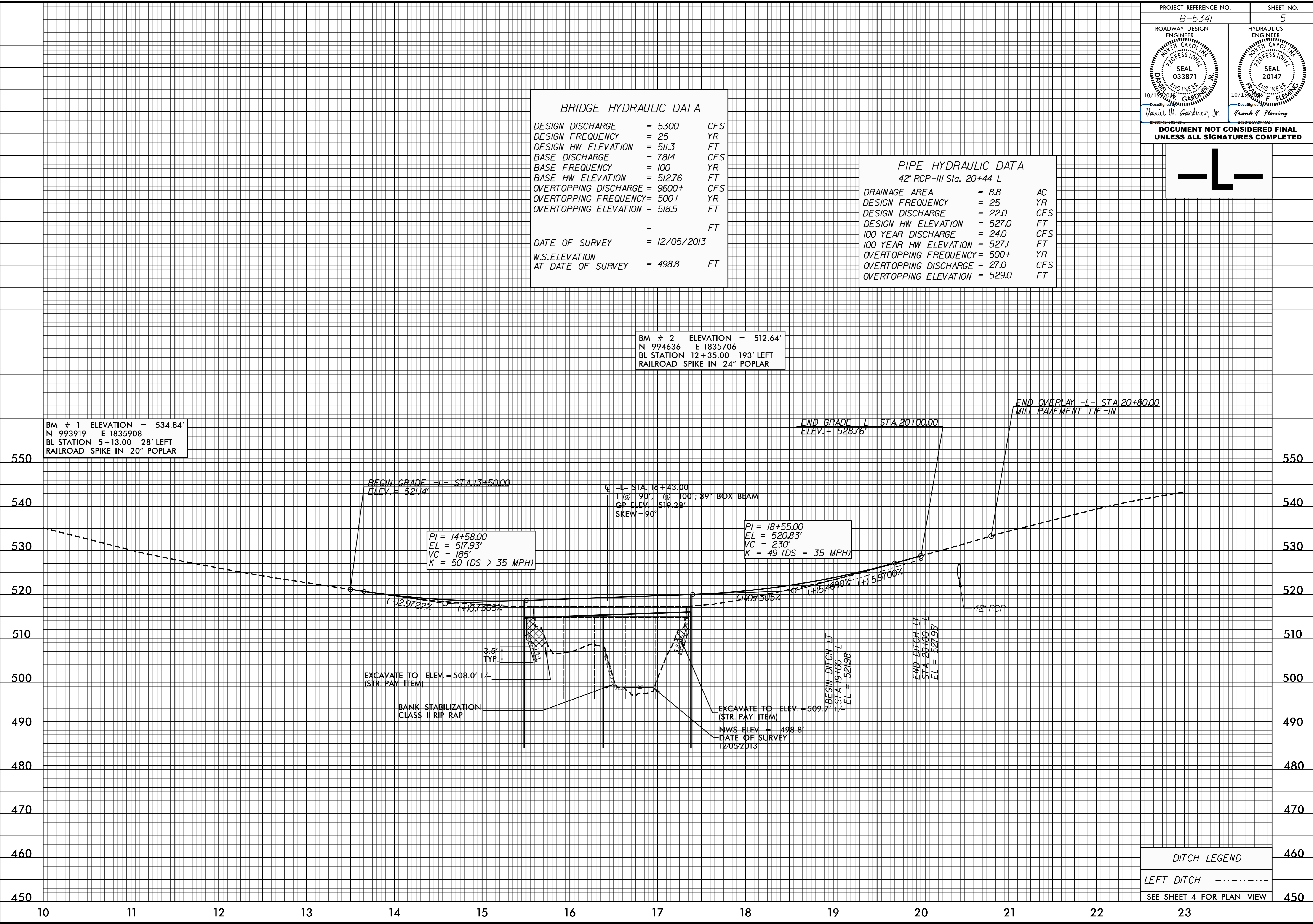
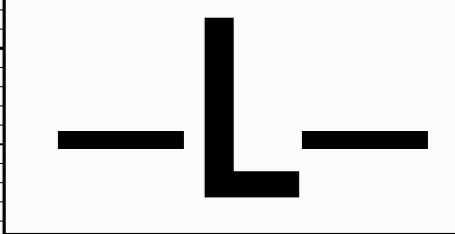
BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 5300	CFS
DESIGN FREQUENCY	= 25	YR
DESIGN HW ELEVATION	= 511.3	FT
BASE DISCHARGE	= 7814	CFS
BASE FREQUENCY	= 100	YR
BASE HW ELEVATION	= 512.76	FT
OVERTOPPING DISCHARGE	= 9600+	CFS
OVERTOPPING FREQUENCY	= 500+	YR
OVERTOPPING ELEVATION	= 518.5	FT
DATE OF SURVEY	= 12/05/2013	
W.S. ELEVATION AT DATE OF SURVEY	= 498.8	FT

PIPE HYDRAULIC DATA
42" RCP-III Sta. 20+44 L

DRAINAGE AREA	= 8.8	AC
DESIGN FREQUENCY	= 25	YR
DESIGN DISCHARGE	= 22.0	CFS
DESIGN HW ELEVATION	= 527.0	FT
100 YEAR DISCHARGE	= 24.0	CFS
100 YEAR HW ELEVATION	= 527.1	FT
OVERTOPPING FREQUENCY	= 500+	YR
OVERTOPPING DISCHARGE	= 27.0	CFS
OVERTOPPING ELEVATION	= 529.0	FT

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BM # 1 ELEVATION = 534.84'
N 993919 E 1835908
BL STATION 5+13.00 28' LEFT
RAILROAD SPIKE IN 20" POPLAR

BM # 2 ELEVATION = 512.64'
N 994636 E 1835706
BL STATION 12+35.00 193' LEFT
RAILROAD SPIKE IN 24" POPLAR

BEGIN GRADE -L- STA. 13+50.00
ELEV. = 521.14'

PI = 14+58.00
EL = 517.93'
VC = 185'
K = 50 (DS > 35 MPH)

Q -L- STA. 16+43.00
1 @ 90' @ 100' 39" BOX BEAM
GP ELEV. = 519.28'
SKEW = 90'

PI = 18+55.00
EL = 520.83'
VC = 230'
K = 49 (DS = 35 MPH)

END GRADE -L- STA. 20+00.00
ELEV. = 528.76'

END OVERLAY -L- STA. 20+80.00
MILL PAVEMENT TIE-IN

EXCAVATE TO ELEV. = 508.0' +/-
(STR. PAY ITEM)

BANK STABILIZATION
CLASS II RIP RAP

EXCAVATE TO ELEV. = 509.7' +/-
(STR. PAY ITEM)

NWS ELEV = 498.8'
DATE OF SURVEY
12/05/2013

BEGIN DITCH -L-
STA. 19+00 -L-
ELEV. = 521.98'

END DITCH -L-
STA. 20+00 -L-
ELEV. = 527.95'

DITCH LEGEND

LEFT DITCH - - - - -

SEE SHEET 4 FOR PLAN VIEW

05-OCT-2015 08:15 B-5341-Rd1.pfl.dgn