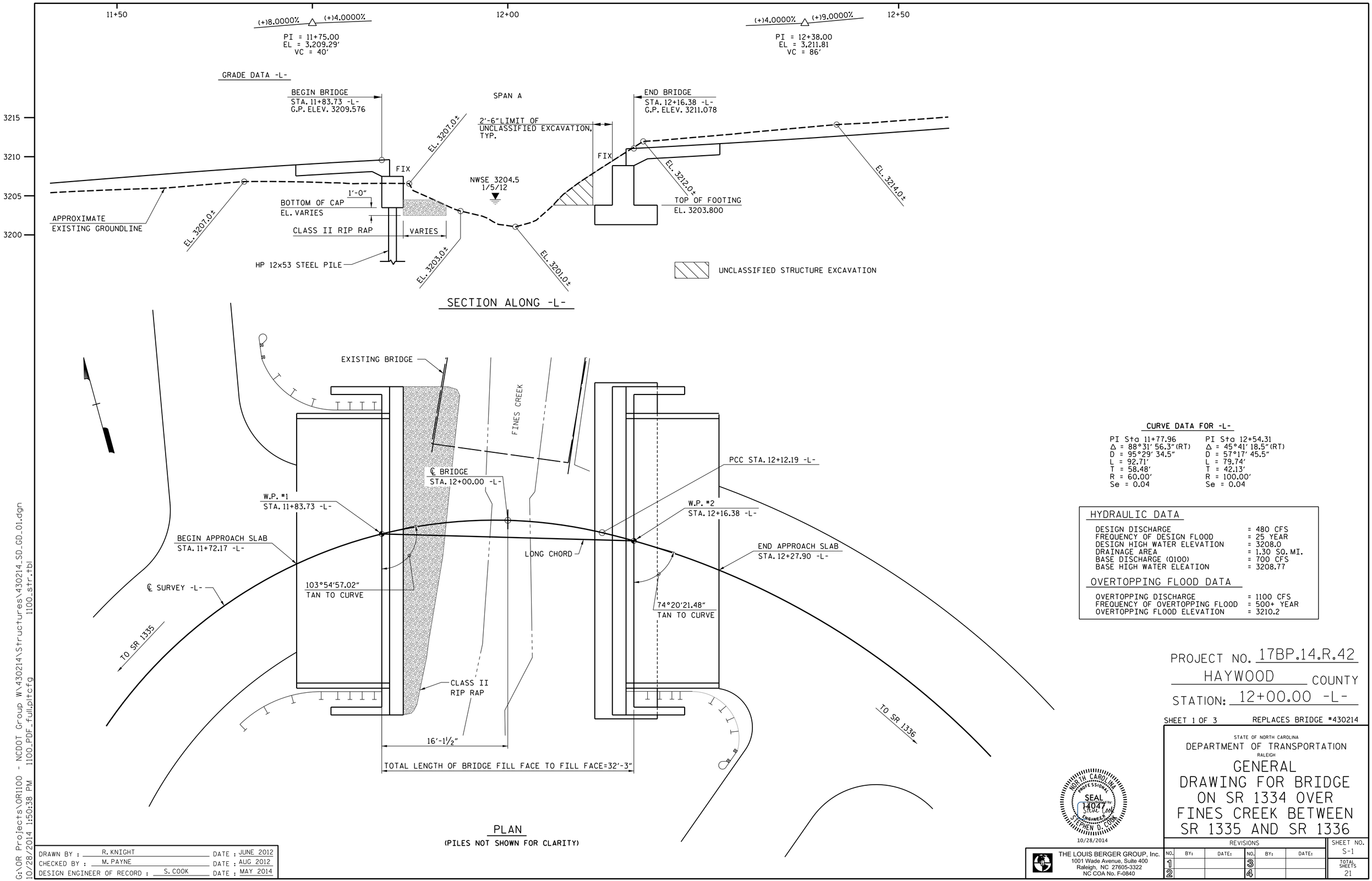
DocuSign Envelope ID: A5CF63EA-A5C2-4AFD-9C68-A60A3BA06728



CURVE DATA FOR -L-

PI Sta 11+77.96	PI Sta 12+54.31
Δ = 88°31' 56.3"(RT)	Δ = 45°41' 18.5"(RT)
D = 95°29' 34.5"	D = 57°17' 45.5"
L = 92.71'	L = 79.74'
T = 58.48'	T = 42.13'
R = 60.00'	R = 100.00'
Se = 0.04	Se = 0.04

HYDRAULIC DATA

DESIGN DISCHARGE	= 480 CFS
FREQUENCY OF DESIGN FLOOD	= 25 YEAR
DESIGN HIGH WATER ELEVATION	= 3208.0
DRAINAGE AREA	= 1.30 SQ. MI.
BASE DISCHARGE (Q100)	= 700 CFS
BASE HIGH WATER ELEATION	= 3208.77

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 1100 CFS
FREQUENCY OF OVERTOPPING FLOOD	= 500+ YEAR
OVERTOPPING FLOOD ELEVATION	= 3210.2

PROJECT NO. 17BP.14.R.42

HAYWOOD COUNTY

STATION: 12+00.00 -L-

SHEET 1 OF 3 REPLACES BRIDGE #430214

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING FOR BRIDGE ON SR 1334 OVER FINES CREEK BETWEEN SR 1335 AND SR 1336

NORTH CAROLINA PROFESSIONAL SEAL 14047 ENGINEER STEPHEN D. COOK
Signature by Steve Cook
10/28/2014

THE LOUIS BERGER GROUP, Inc.
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
NC COA No. F-0840

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.	
1			3			S-1	
2			4			TOTAL SHEETS	
						21	

DRAWN BY :	R. KNIGHT	DATE :	JUNE 2012
CHECKED BY :	M. PAYNE	DATE :	AUG 2012
DESIGN ENGINEER OF RECORD :	S. COOK	DATE :	MAY 2014

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10/28/2014 1:50:38 PM 1100_PDF_full.pltcfg