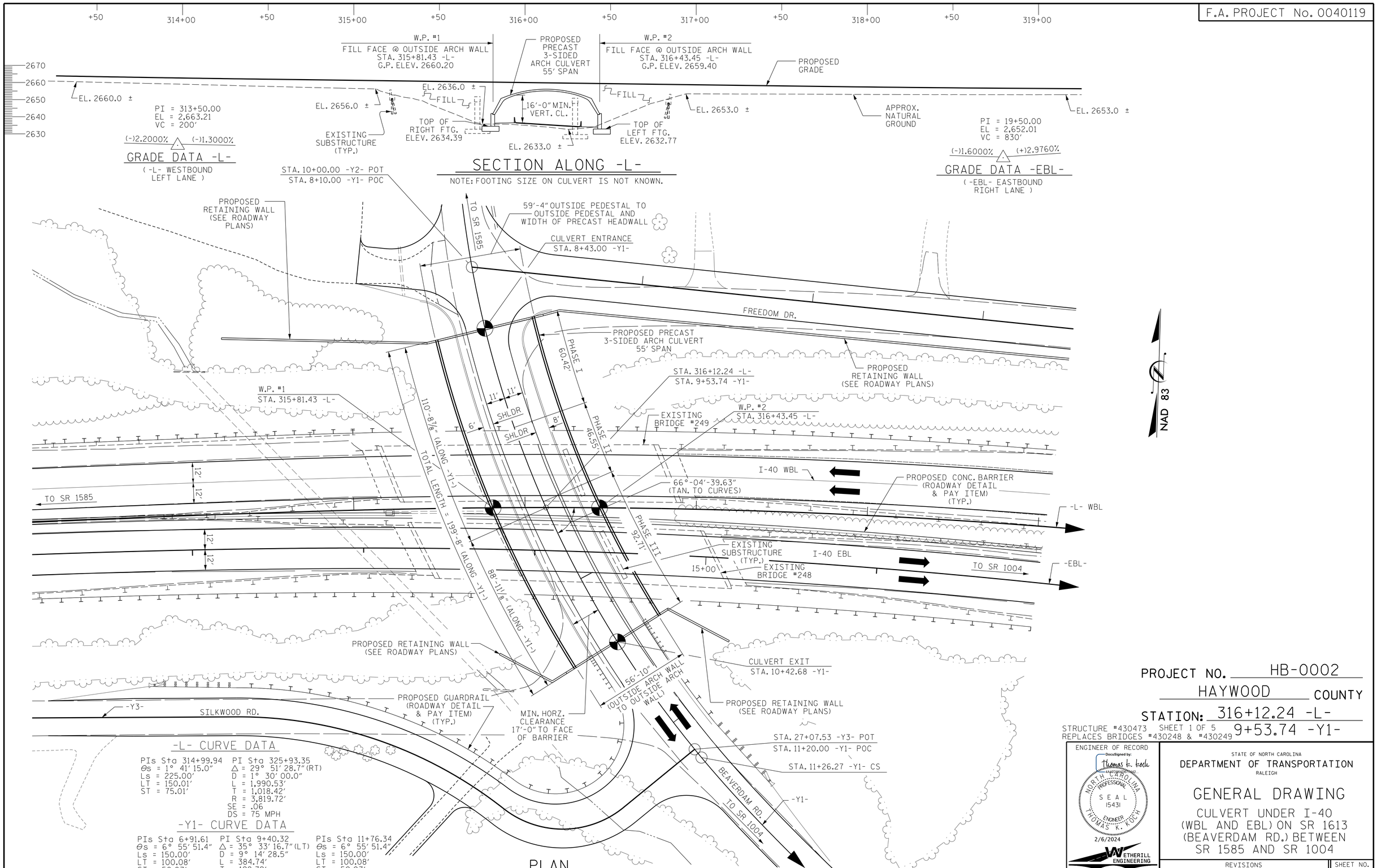
DocuSign Envelope ID: E709594F-6D8B-41CD-9524-70C255D02BEF

F.A. PROJECT No. 0040119



-L- CURVE DATA

PIs Sta 314+99.94
Θs = 1° 41' 15.0"
Ls = 225.00'
LT = 150.01'
ST = 75.01'

PI Sta 325+93.35
Δ = 29° 51' 28.7" (RT)
D = 1° 30' 00.0"
L = 1,990.53'
T = 1,018.42'
R = 3,819.72'
SE = .06
DS = 75 MPH

-Y1- CURVE DATA

PIs Sta 6+91.61
Θs = 6° 55' 51.4"
Ls = 150.00'
LT = 100.08'
ST = 50.07'

PI Sta 9+40.32
Δ = 35° 33' 16.7" (LT)
D = 9° 14' 28.5"
L = 384.74'
T = 198.79'
R = 620.00'
SE = .06
DS = 40 MPH

PIs Sta 11+76.34
Θs = 6° 55' 51.4"
Ls = 150.00'
LT = 100.08'
ST = 50.07'

PLAN

DRAWN BY : J. PENDERGRAFT/DAH DATE : 7-22
CHECKED BY : T. KOCH DATE : 8-22

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. HB-0002
HAYWOOD COUNTY
STATION: 316+12.24 -L-
9+53.74 -Y1-

STRUCTURE #430473 SHEET 1 OF 5
REPLACES BRIDGES #430248 & #430249

ENGINEER OF RECORD
DocuSigned by: Thomas K. Koch
NORTH CAROLINA PROFESSIONAL SEAL 15431 ENGINEER THOMAS K. KOCH
2/6/2024

WETHERILL ENGINEERING
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Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
LICENSE NO. F-0377

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

CULVERT UNDER I-40 (WBL AND EBL) ON SR 1613 (BEAVERDAM RD.) BETWEEN SR 1585 AND SR 1004

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

SHEET NO. S-1
TOTAL SHEETS 5

P:\2021\21147.07_HB-0002\Structures\DGN\HB0002-PRECAST-CUL.dgn
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