

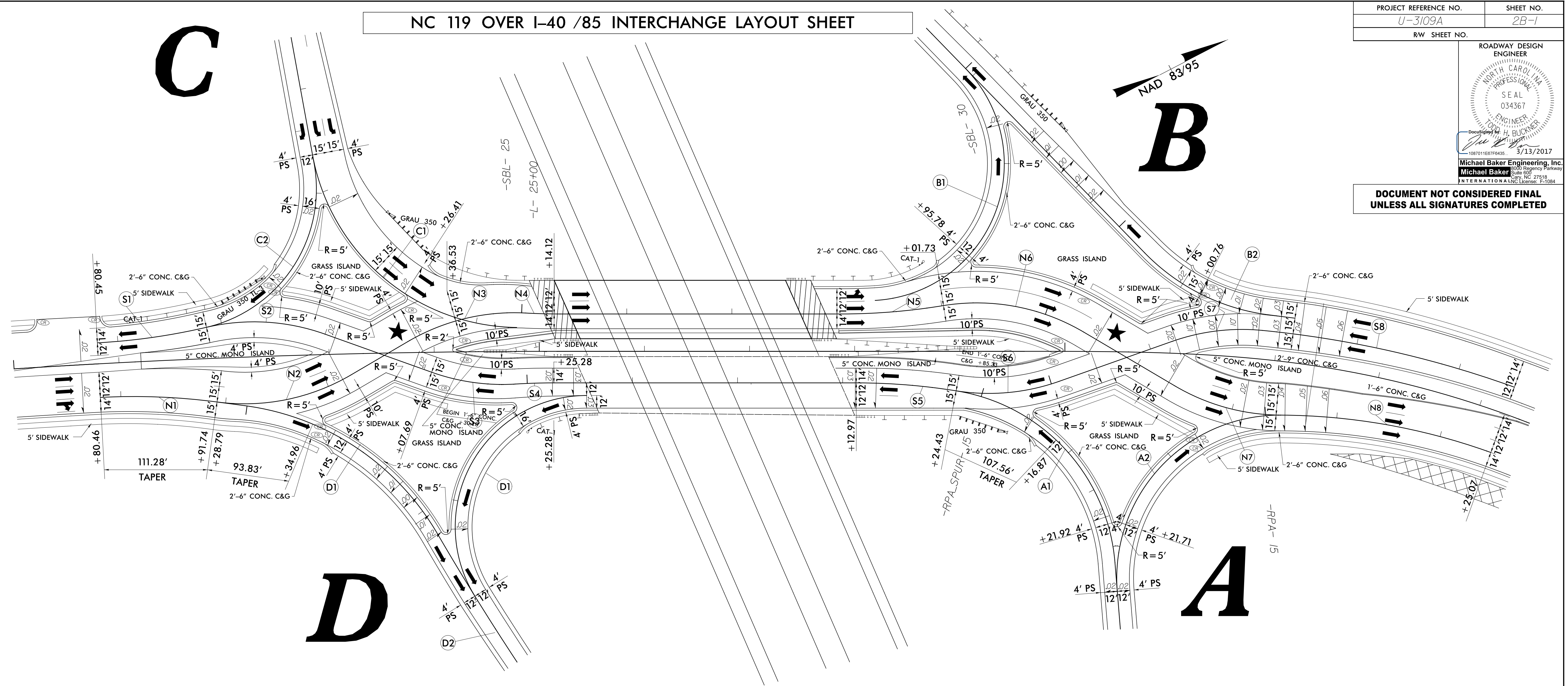
NC 119 OVER I-40 /85 INTERCHANGE LAYOUT SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-3109A	2B-1
RW SHEET NO.	

ROADWAY DESIGN ENGINEER

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INTERCHANGE ALIGNMENT DATA

-NBL- CURVE DATA			
N1	PI Sta 21+36.26	N6	PI Sta 29+73.63
$\Delta = 10' 31' 35.6''$ (RT)	$\Delta = 39' 50' 40.6''$ (RT)		
$D = 9' 32' 57.5''$	$D = 28' 38' 52.4''$		
$L = 111.28'$	$L = 139.08'$		
$T = 55.80'$	$T = 72.49'$		
$R = 600.00'$	$R = 200.00'$		
N2	PI Sta 22+60.43	N7	PI Sta 31+94.97
$\Delta = 31' 57' 40.9''$ (LT)	$\Delta = 30' 12' 55.2''$ (LT)		
$D = 28' 38' 52.4''$	$D = 28' 38' 52.4''$		
$L = 132.34'$	$L = 105.45'$		
$T = 68.69'$	$T = 53.98'$		
$R = 200.00'$	$R = 200.00'$		
N3	PI Sta 24+47.01	N8	PI Sta 33+49.53
$\Delta = 33' 29' 49.6''$ (RT)	$\Delta = 19' 29' 53.6''$ (RT)		
$D = 28' 38' 52.4''$	$\Delta = 9' 32' 57.5''$		
$L = 116.93'$	$L = 204.18'$		
$T = 60.19'$	$T = 103.09'$		
$R = 200.00'$	$R = 600.00'$		
N4	PI Sta 25+20.15		
$\Delta = 3' 07' 48.6''$ (LT)			
$D = 9' 32' 57.5''$			
$L = 32.78'$			
$T = 16.59'$			
$R = 600.00'$			
N5	PI Sta 28+52.51		
$\Delta = 9' 18' 29.8''$ (LT)			
$D = 9' 32' 57.5''$			
$L = 97.48'$			
$T = 48.85'$			
$R = 600.00'$			

-SBL- CURVE DATA			
S1	PI Sta 21+33.07	S6	PI Sta 29+58.87
$\Delta = 10' 01' 20.4''$ (LT)	$\Delta = 28' 32' 08.0''$ (LT)		
$D = 9' 32' 57.5''$	$D = 28' 38' 52.4''$		
$L = 104.95'$	$L = 99.67'$		
$T = 52.87'$	$T = 50.86'$		
$R = 600.00'$	$R = 200.00'$		
S2	PI Sta 22+44.16	S7	PI Sta 31+66.00
$\Delta = 32' 44' 14.9''$ (RT)	$\Delta = 25' 00' 31.9''$ (RT)		
$D = 28' 38' 52.4''$	$D = 28' 38' 52.4''$		
$L = 114.28'$	$L = 87.30'$		
$T = 58.74'$	$T = 44.36'$		
$R = 200.00'$	$R = 200.00'$		
S3	PI Sta 24+48.65	S8	PI Sta 33+32.79
$\Delta = 23' 08' 47.8''$ (LT)	$\Delta = 14' 18' 30.5''$ (RT)		
$D = 28' 38' 52.4''$	$D = 5' 47' 35.9''$		
$L = 80.80'$	$L = 246.41'$		
$T = 40.96'$	$T = 123.85'$		
$R = 200.00'$	$R = 989.00'$		
S4	PI Sta 25+06.89		
$\Delta = 3' 30' 48.9''$ (RT)			
$D = 9' 32' 57.5''$			
$L = 36.79'$			
$T = 18.40'$			
$R = 600.00'$			
S5	PI Sta 28+60.59		
$\Delta = 9' 04' 34.8''$ (RT)			
$D = 9' 32' 57.5''$			
$L = 95.05'$			
$T = 41.62'$			
$R = 600.00'$			

-RPA SPUR- CURVE DATA	
A1	PI Sta 14+26.12
$\Delta = 7' 17' 49.2''$ (LT)	
$D = 31' 49' 51.6''$	
$L = 239.69'$	
$T = 141.58'$	
$R = 180.00'$	

-RPA- CURVE DATA	
A2	PI Sta 14+26.32
$\Delta = 94' 58' 28.3''$ (RT)	
$D = 36' 57' 54.1''$	
$L = 256.93'$	
$T = 169.08'$	
$R = 155.00'$	

-RPB SPUR- CURVE DATA	
B1	PI Sta 12+85.32
$\Delta = 44' 04' 25.24''$	
$L = 285.32'$	
$T = 288.34'$	
$R = 130.00'$	

-RPB- CURVE DATA	
B2	PI Sta 21+04.64
$\Delta = 38' 33' 15.5''$ (LT)	
$D = 28' 38' 52.4''$	
$L = 134.58'$	
$T = 69.95'$	
$R = 200.00'$	

-RPC SPUR- CURVE DATA	
C1	PI Sta 18+28.00
$\Delta = 78' 54' 37.3''$ (LT)	
$D = 38' 38' 52.4''$	
$L = 275.45'$	
$T = 164.60'$	
$R = 200.00'$	

-RPC- CURVE DATA	
C2	PI Sta 18+00.38
$\Delta = 81' 17' 03.7''$ (RT)	
$D = 42' 26' 28.7''$	
$L = 205.66'$	
$T = 128.79'$	
$R = 135.00'$	

-RPD SPUR- CURVE DATA	
D1	PI Sta 19+30.14
$\Delta = 121' 46' 23.5''$ (RT)	
$D = 49' 50' 23.5''$	
$L = 265.67'$	
$T = 224.4'$	
$R = 125.00'$	

-RPD- CURVE DATA	
D2	PI Sta 16+17.12
$\Delta = 7' 17' 47.0''$ (RT)	
$D = 2' 17' 30.6''$	
$L = 314.00'$	
$T = 157.21'$	
$R = 2500.00'$	
D3	PI Sta 18+96.55
$\Delta = 52' 15' 36.9''$ (LT)	
$D = 22' 53' 05.9''$	
$L = 228.0'$	
$T = 122.64'$	
$R = 250.00'$	