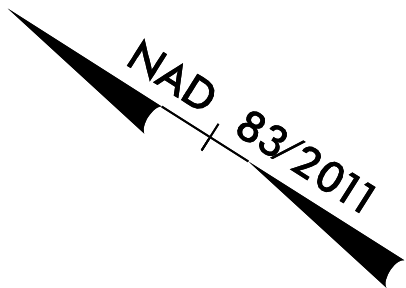


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WSP

DETAIL OF HORIZONTAL ALIGNMENT INFORMATION

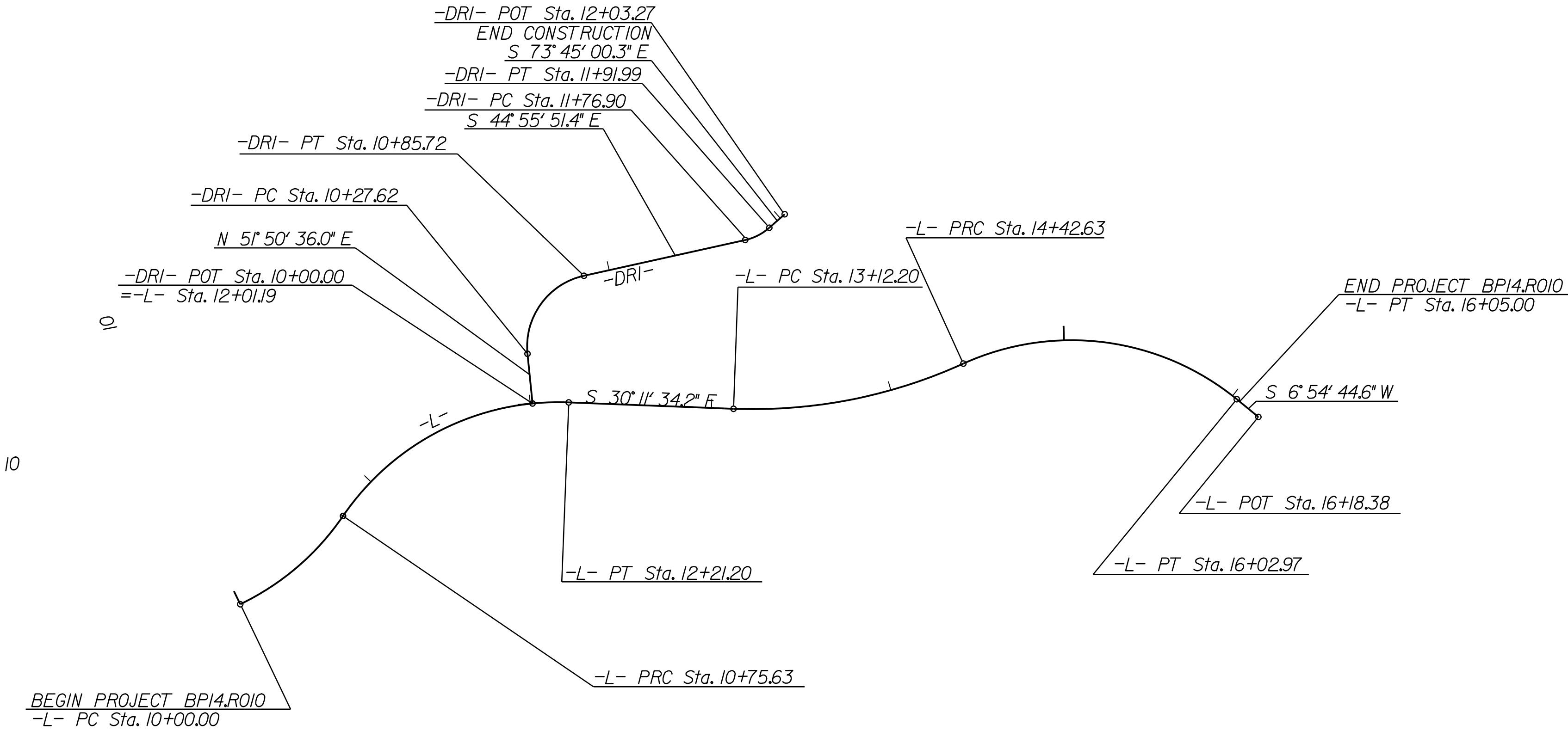
SCALE:1" = 50'



-DRI-	
PI Sta 10+63.14	PI Sta 11+84.60
$\Delta = 83^{\circ}13'32.6"$ (RT)	$\Delta = 28^{\circ}49'08.9"$ (LT)
D = 143'14'22.0"	D = 190'59'09.4"
L = 58.10'	L = 15.09'
T = 35.53'	T = 7.71'
R = 40.00'	R = 30.00'

-L- CURVE DATA	
PI Sta 10+38.71	PI Sta 11+55.32
$\Delta = 30^{\circ}05'31.1"$ (LT)	$\Delta = 57^{\circ}55'17.4"$ (RT)
D = 39'47'19.4"	D = 39'47'19.4"
L = 75.63'	L = 145.57'
T = 38.71'	T = 79.69'
R = 144.00'	R = 144.00'
e = EXIST.	e = 0.04
DS = EXIST.	DS = 20 MPH
PI Sta 13+78.62	PI Sta 15+32.25
$\Delta = 26^{\circ}41'23.5"$ (LT)	$\Delta = 63^{\circ}47'42.4"$ (RT)
D = 20'27'46.0"	D = 39'47'19.4"
L = 130.43'	L = 160.33'
T = 66.42'	T = 89.62'
R = 280.00'	R = 144.00'
e = 0.03	e = 0.04
DS = 20 MPH	DS = 20 MPH

NOTE: AASHTO GUIDELINES FOR GEOMETRIC DESIGN OF LOW VOLUME LOCAL ROADS ALLOWS THE DESIGN SPEED TO BE REDUCED TO 20 MPH



PROJECT REFERENCE NO. <i>BPI4-R010</i>	SHEET NO. <i>2B-1</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 7/22/2024  Sean Melville	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PLANS PREPARED BY:  WSP USA 434 FAYETTEVILLE STREET SUITE 1500 RALEIGH, NC 27601 TEL: 1.919.836.4040 FAX: 1.919.836.4099 LICENSE NO. F-0165	