CR4

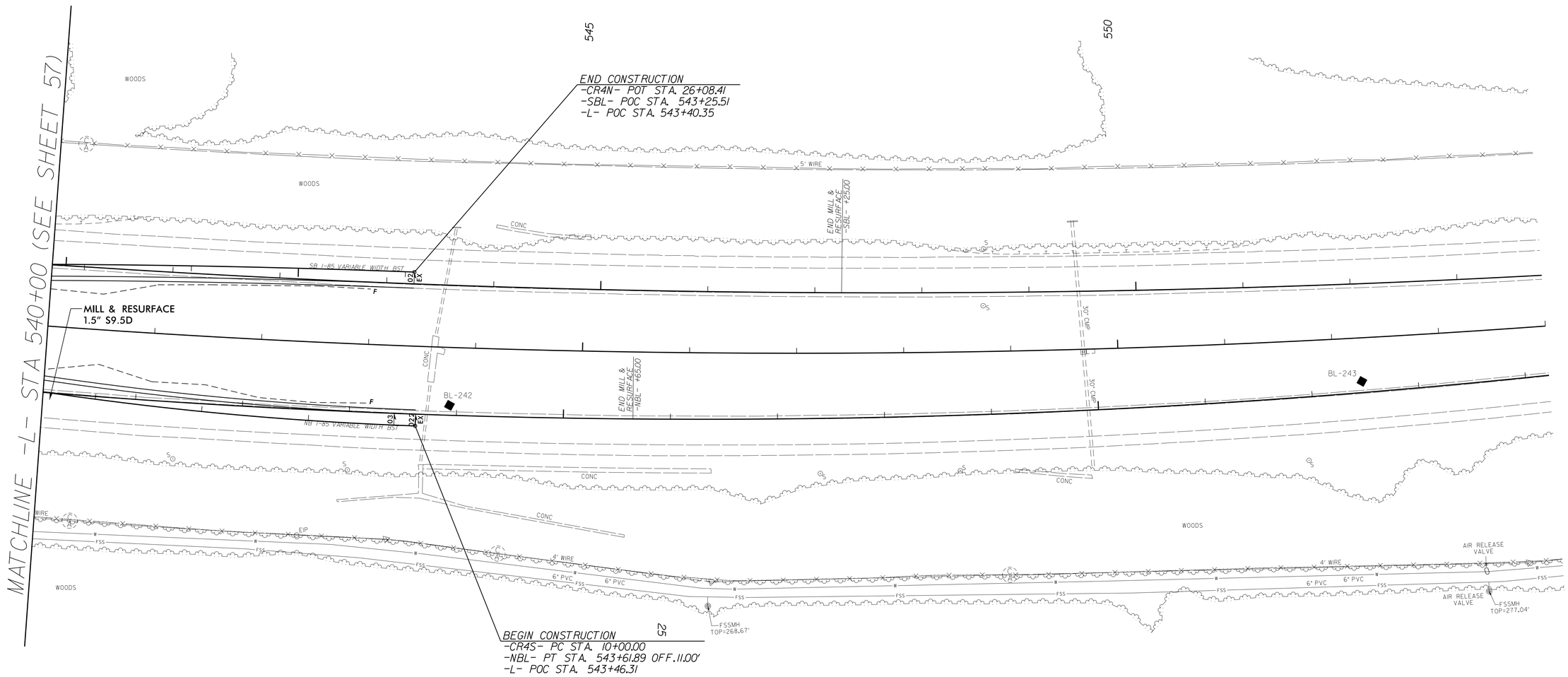
-L-	-NBL-	-SBL-	-CR4N-	-CR4S-
PI Sta 541+41.11	PI Sta 541+85.57	PI Sta 541+47.00	PI Sta 22+84.95	PI Sta 13+49.81
△ = 21° 36′ 05.5″ (LT)	△ = 21° 31′ 14.8″ (LT)	△ = 22° 03′ 37.7″ (LT)	△ = 3° 42′ 28.2″ (RT)	△ = 12° 45′ 14.0″ (RT)
D = 0° 35′ 37.5″	D = 0° 45′ 14.0″	D = 0° 29′ 53.6″	D = 0° 34′ 22.6″	D = 1° 49′ 49.9″
L = 3,638.22′	L = 2,854.62′	L = 4,427.82′	L = 647.14′	L = 696.73′
T = 1,840.97′	T = 1,444.33′	T = 2,241.67′	T = 323.68′	T = 349.81′
R = 9,650.00′	R = 7,600.00′	R = 11,500.00′	R = 10,000.00′	R = 3,130.00′
DS = 70mph			SE = NC	SE = 03
SE = 02			RO = NA	RO = 75′

PROJECT REFERENCE NO.	SHEET NO.
I-0914BB	57A
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
1/28/2015
COMMONWEALTH OF VIRGINIA
JAMES W. PARKER, JR.
Lic.No. 041505
PROFESSIONAL ENGINEER
DocuSigned
James Parker
Prepared in the Office of:
SUMMIT DESIGN AND ENGINEERING SERVICES
2721 Hillsborough Road, NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

HYDRAULICS ENGINEER
1/28/2015
NORTH CAROLINA PROFESSIONAL SEAL 20147 ENGINEER FRANK F. FLEMING
DocuSigned
Frank F Fleming
Prepared in the Office of:
ECOLOGICAL ENGINEERING
NC FIRM LICENSE No: F-948
1515 SE Cary Parkway
Suite 101
Cary, NC 27518
(919) 557-0929

FOR -CR4N/S- PROFILE, SEE SHEET 108



REVISIONS

28-JAN-2015 12:06
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brandon.johnson