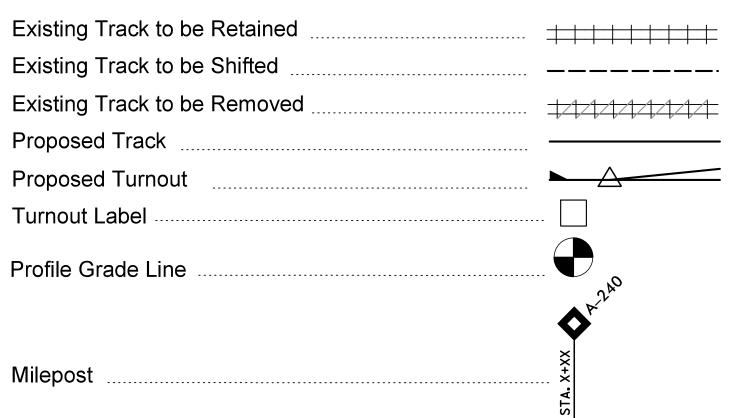
DocuSign Envelope ID: 7AE9CC06-0708-48E9-A63F-5F43E6D9E063

STATE OF NORTH CAROLINA RAIL DIVISION

HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554	PROJECT REFERENCE NO. P-4900A	SHEET NO.
	R/W SHEET NO.	10
DATE: JANUARY 19, 2015		
MBOLS		

CONVENTIONAL PLAN SHEET SYMBOLS AND ABBREVIATIONS

RAILROADS:



ABBREVIATIONS:

TRACK ALIGNMENT - HORIZONTAL:

CD	Cant Deficiency
CS	Curve to Spiral
Dc	
Ea	Actual Superelevation (Inches)
Eu	
T	Curve Intersection Angle
L	Length of Curve
Ls	
PI	Point of Intersection
PI/TO	Point of Intersection / Turnout
POL	Point on Line
PS	Point of Switch
PT	Point on Tangent
R	Radius
SC	Spiral to Curve
ST	Spiral to Tangent
TO	
TS	
X	Spiral Tangent Length to Offset
Υ	Spiral Tangent Offset

TRACK ALIGNMENT - VERTICAL:

EL	Elevation
L	Vertical Curve Length
R	Rate of Change
T/R	Top of Rail
VPC	Vertical Point of Curve
VPI	Vertical Point of Intersection
VPT	Vertical Point of Tangent

DRAINAGE:

CIP	Cast Iron Pipe
	Bituminous Coated Corrugated Metal Pipe
INV	Invert
PSRM	Permanent Soil Reinforcement Matting
RCB	Reinforced Concrete Box Culvert
RCP	Reinforced Concrete Pipe
WSP	Welded Steel Pipe
STB	Stone Box Culvert
SYFF	Square Yards Filter Fabric

MISCELLANEOUS:

SCELLANEOUS:	
ABS	Absolute
4EI	Automatic Equipment Identification
AVE	• •
AH	
BK	
₽	
BLDG	
BLVD	•
CB	
<u> </u>	
ČLR	
CONC	
CP	
CSXT	
DWG	•
E	East
EL	Elevation
ESMT	
EXIST	
EB	_
FT	
FND	
GRD	Ground
HW	Headwall
HORIZ	Horizontal
LT	Left
LH	Lefthand
MIN	Minimum
MP	Milepost
MPH	
N	North
N/A	Not Applicable
NB	North Bound
NO	Number
OTM	Other Track Material
PAV'T	Pavement
PGL	Profile Grade Line
PROP	Proposed
RD	Road
RT	Right
RR	Railroad
RH	Righthand
R/W	Right-of-Way
REQ'D	Required
S	South
SEG	Segment
STA	Station
SR	State Route
SHLDR	Shoulder
SHT	Sheet
SWM	Storm Water Management
TRK	Track
V	Velocity (MPH)
VERT	Vertical
W	West
W/	With
WB	.West Bound