

# STATE OF NORTH CAROLINA RAIL DIVISION

<b>HNTB</b> <small>HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554</small>	PROJECT REFERENCE NO.	SHEET NO.
	P-4900A	1C
DATE: JANUARY 19, 2015		RW SHEET NO.

## CONVENTIONAL PLAN SHEET SYMBOLS AND ABBREVIATIONS

**RAILROADS:**

Existing Track to be Retained .....	
Existing Track to be Shifted .....	
Existing Track to be Removed .....	
Proposed Track .....	
Proposed Turnout .....	
Turnout Label .....	
Profile Grade Line .....	
Milepost .....	

**ABBREVIATIONS:**

**TRACK ALIGNMENT - HORIZONTAL:**

CD .....	Cant Deficiency
CS .....	Curve to Spiral
Dc .....	Degree of Curvature
Ea .....	Actual Superelevation (Inches)
Eu .....	Unbalance Elevation (Inches)
I .....	Curve Intersection Angle
L .....	Length of Curve
Ls .....	Length of Spiral
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 .....	Turnout
TS .....	Tangent to Spiral
X .....	Spiral Tangent Length to Offset
Y .....	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
BCCMP .....	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:**

ABS .....	Absolute
AEI .....	Automatic Equipment Identification
AVE .....	Avenue
AH .....	Ahead
BK .....	Back
B .....	Baseline
BLDG .....	Building
BLVD .....	Boulevard
CB .....	Catch Basin
C .....	Centerline
CLR .....	Clear
CONC .....	Concrete
CP .....	Control Point
CSXT .....	CSX Transportation
DWG .....	Drawing
E .....	East
EL .....	Elevation
ESMT .....	Easement
EXIST .....	Existing
EB .....	East Bound
FT .....	Feet
FND .....	Foundation
GRD .....	Ground
HW .....	Headwall
HORIZ .....	Horizontal
LT .....	Left
LH .....	Lefthand
MIN .....	Minimum
MP .....	Milepost
MPH .....	Miles Per Hour
N .....	North
N/A .....	Not Applicable
NB .....	North Bound
NO .....	Number
OTM .....	Other Track Material
PAVT .....	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