SHEET NUMBER	DESCRIPTION
1	COVER SHEET

INDEX OF DRAWINGS, GENERAL NOTES AND STANDARDS

1B-1 THRU 1B-2 CONVENTIONAL PLAN SHEET SYMBOLS AND ABBREVIATIONS 1C-1 THRU 1C-16 SURVEY CONTROL SHEETS

CENTERLINE COORDINATE LIST 1D-1 RIGHT OF WAY CONTROL SHEET 1E-1 2A-1 THRU 2A-4 PROPOSED TRACK TYPICAL SECTIONS

2B-1 THRU 2B-3 TRACK HORIZONTAL ALIGNMENT GEOMETRY

2B-4 EXCAVATION ADJUSTMENT TO ACTIVE TRACK DETAIL & BENCHING DETAIL

2B-5 **GATE DETAIL**

2G-1 THRU 2G-3 GEOTECHNICAL DETAILS EARTHWORK SUMMARY 3B-1 DRAINAGE SUMMARY 3D-1 3G-1 GEOTECHNICAL SUMMARY

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PROPOSED TRACK PLAN AND PROFILE SHEETS (-L-) 4 THRU 5 PROPOSED TRACK PLAN AND PROFILE SHEET (-R1_PR-)

PROPOSED TRACK AND ACCESS ROAD PROFILE SHEETS (-R1 PR- AND -Y4-)

PARCEL 2 CONTINUATION PLAN **EROSION CONTROL PLANS** EC-1 THRU EC-9 UC-1 THRU UC-5 UTILITY CONSTRUCTION PLANS UTILITIES BY OTHERS PLANS UO-1 THRU UO-4 **CROSS SECTION INDEX** X-0 CROSS SECTION SUMMARY X-0A

X-1 THRU X-29 **CROSS SECTIONS** C1-1 THRU C1-6 CULVERT PLANS

GENERAL NOTES FOR RAILROAD GRADING:

THIS CONTRACT INCLUDES ALL WORK REQUIRED TO CONSTRUCT THE RAILROAD ROADBED UP TO AND INCLUDING THE SUBBALLAST LAYER. CONSTRUCTION OF TRACK, INCLUDING BALLAST AND SIGNALS, WILL BE DONE BY NORFOLK SOUTHERN RAILWAY AND IS DEPICTED FOR REFERENCE ONLY.

THE PROPOSED GRADE LINES SHOWN DENOTE THE FINAL ELEVATION OF THE PROPOSED TOP OF LOW RAIL AT THE CENTERLINE OF TRACK AS SHOWN ON THE TYPICAL SECTIONS. WHERE NO PROPOSED GRADE LINES ARE SHOWN, THE PROFILES SHOWN DEPICT THE EXISTING TOP OF LOW RAIL.

RAILROAD SAFETY:

THE CONTRACTOR THAT WILL ENTER NORFOLK SOUTHERN RIGHT-OF-WAY SHALL OBTAIN A RIGHT-OF-ENTRY AGREEMENT FROM NORFOLK SOUTHERN RAILWAY IN ADVANCE.

INFORMATION AVAILABLE:

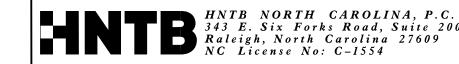
http://www.nscorp.com/content/nscorp/en/real-estate/norfolk-southern-services/access-norfolk-southern-property.html

ALL CONTRACTOR AND SUBCONTRACTOR EMPLOYEES THAT WILL ENTER NORFOLK SOUTHERN RIGHT-OF-WAY, PERFORM WORK WITHIN 25' OF AN ACTIVE TRACK, OR OTHERWISE HAVE THE POTENTIAL TO FOUL AN ACTIVE TRACK SHALL OBTAIN THE FOLLOWING SAFETY CREDENTIALS IN ADVANCE.

- 1. NORFOLK SOUTHERN ROADWAY WORKER PROTECTION TRAINING (NS RWP)- INFORMATION AVAILABLE: www.rrtrainers.com
- 2. E-RAILSAFE CERTIFICATION INFORMATION AVAILABLE: http://www.e-railsafe.com/index_narrow.html

ONLY AFTER RECEIPT OF A FULLY EXECUTED RIGHT-OF-ENTRY AGREEMENT FROM NORFOLK SOUTHERN RAILWAY CAN CONTRACTOR OR SUBCONTRACTOR EMPLOYEES ENTER NORFOLK SOUTHERN RAILWAY RIGHT-OF-WAY. EVERY EMPLOYEE SHALL DISPLAY BOTH NS RWP AND E-RAILSAFE BADGES AT ALL TIMES.

ALL CONSTRUCTION ACTIVITIES ON NORFOLK SOUTHERN RIGHT-OF-WAY, WITHIN 25' OF AN ACTIVE TRACK, OR OTHERWISE HAVE THE POTENTIAL TO FOUL AN ACTIVE TRACK SHALL BE COORDINATED WITH THE NORFOLK SOUTHERN FLAGMAN. SUCH ACTIVITIES ARE SUBJECT TO STOPPAGE TO ENSURE SAFETY OF PASSING TRAINS.



DATE: NOVEMBER 4. 2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETEI

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GENERAL NOTES:

2018 SPECIFICATIONS

EFFECTIVE: 01-16-2018

REVISED:

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

UNDERDRAINS:

UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.03 AT LOCATIONS DIRECTED BY THE ENGINEER.

TEMPORARY SHORING:

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC NOT SHOWN ON THE PLANS WILL BE PAID FOR AT THE CONTRACT PRICE FOR "TEMPORARY SHORING".

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE Duke Energy, PNG, CenturyLink, AT&T

City of Charlotte

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY CONTRACT.

EFF. 01-16-2018

REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch -N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE

DIVISION 2 - EARTHWORK

200.03 Method of Clearing - Method III

235.01 Embankment Monitoring

DIVISION 3 - PIPE CULVERTS

300.01 Method of Pipe Installation

DIVISION 8 - INCIDENTALS

806.01 Concrete Right-of-Way Marker

806.02 Granite Right-of-Way Marker

815.03 Pipe Underdrain and Blind Drain

838.01 Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew

838.80 Precast Endwalls - 12" thru 72" Pipe 90 Skew

876.01 Rip Rap in Channels

876.02 Guide for Rip Rap at Pipe Outlets