INDEX OF SHEETS	
SHEET NUMBER	SHEET
1	TITLE SHEET
1 A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1 THRU 2A-5	PAVEMENT SCHEDULE, WEDGING DETAILS AND TYPICAL SECTIONS
2B-1 THRU 2B-4	INTERSECTION DETAIL SHEETS
2C-01	2' 9" CONCRETE CURB & GUTTER
2C-02	REINFORCED CONCRETE DRIVEWAY
2C-03	CURB RAMPS DIRECTIONAL RAMPS TYPES 1, 1 MODIFIED, 1A, 1B
2C-04	CURB RAMPS PARALLEL RAMPS TYPES 2, 2A, 2A MOD, 2B
2C-05	CURB RAMPS PARALLEL RAMPS TYPES 3, 3 MODIFIED
2C-06	CURB RAMPS MEDIAN OR TURN LANE ISLANDS TYPES 6.7.8
2C-07	GUARDRAIL PLACEMENT - ATTENUATORS
2C-08	GUARDRAIL INSTALLATION - SYSTEM PARTS
2C-09	CHAIN LINK FENCE ON RETAINING WALL
2C-10	DETAIL OF PIPE HANDRAIL MOUNTED ON A WALL
2C-11	8' GUARDRAIL POST
2C-12	PRECAST CONCRETE PARKING CURB
2D-1 THRU 2D-19	DRAINAGE DETAILS
2N-1	NOISE WALL ENVELOPE
3B-1	SUMMARY OF EARTHWORK
3B-2	GUARDRAIL SUMMARY
3B-3	ASPHALT PAVEMENT REMOVAL SUMMARY, ASPHALT PAVEMENT BREAKING SUMMA
3D-1 THRU 3D-11	CHAIN LINK FENCE SUMMARY LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)
3D-12	LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54 INCHES & OVER)
3D-13	SUMMARY OF STORMWATER CONTROL MEASURES
36-1	GEOTECHNICAL SUMMARIES
3P-1	PARCEL INDEX SHEET
4 THRU 11	PLAN SHEETS
12 THRU 19	PROFILE SHEETS
RW-1 THRU RW-11	
TMP-1 THRU TMP-30	
PMP-1 THRU PMP-9	
EC-1 THRU EC-20	
RF-1	REFORESTATION PLANS
SIGN-1 THRU SIGN-11	
SIG-1.0 THRU SIG-14.2	
SIG.M1 THRU SIG.M8	
SCP-1 THRU SCP-10	
UC-01 THRU UC-15	
UO-1 THRU UO-11	
X-1	CROSS-SECTION INDEX
X-1A THRU X-1B	CROSS-SECTION EARTHWORK SUMMARY
X-2 THRU X-61	CROSS-SECTIONS
C-01 THRU C-16	CULVERT UNDER BRAWLEY SCHOOL ROAD @ 36+00.33
W−1 THRU W−9	RETAINING WALLS

GENERAL NOTES:

#### 2018 SPECIFICATIONS EFFECTIVE: 01-16-2018

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN. CLEAR ING:

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

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH

STD. NO. 225.04 & STD. NO. 225.05 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

# SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

# SUBSURFACE DRAINS:

SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.

# DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 3 FOOT RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

### STREET TURNOUT:

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

### GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

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

Windstream Communications Inc.-Phone/Fiber

AT&T Distribution-Fiber

Conterra (formerly Broadplex LLC)-Fiber

Duke Energy-Electric

Level 3 Comunication (Century link)-Fiber

Level 3 Comunication (Century link)-Fiber

Dominion Energy (SCANA (PSNC Energy)-Gas

Time Warner Cable/Charter-CATV

Town of Mooresville-Water/Sewer

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 OTHERS.

CURB RAMPS

CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.05 and/or 848.06.

N. C.	Ollowing Roadway Standards as appear in "Roadway Standard Drawings" Highway Design E Department of Transportation - Raleigh, N. C., Dated January, 2018 are applicable t by reference hereby are considered a part of these plans:
STD.N	IO. TITLE
	ION 2 - EARTHWORK
200.0	
225.0	-
225.0	
225.0	•
225.0	
300.0	510N 3 - PIPE CULVERTS 01 Method of Pipe Installation
310.1	
560.0	510N 5 - SUBGRADE, BASES AND SHOULDERS 01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I
	•
	SION 6 - ASPHALT BASES AND PAVEMENTS
654.0	
	SION 8 - INCIDENTALS
815.0	
840.0	
840.0	
840.0	
840.0	
840.0	
840.1	
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840.5	•
840.6	
840.7	
840.7	· · · · ·
846.0	
848.0	
848.0	
848.0	
848.0	
848.0	
850.0	
852.0	
852.0	
852.0	
852.1	
857.0	
862.0	
862.0	
866.0	

866.01 Chain Link Fence - 4', 5' and 6' High Fence 876.01 Rip Rap in Channels 876.02 Guide for Rip Rap at Pipe Outlets 876.04 Drainage Ditches with Class 'B' Rip Rap

2018 ROADWAY ENGLISH STANDARD DRAWINGS

DOCUMENT NOT CONSIDERED FINAL	PROJECT REFERENCE NC	). SHEET NO.
UNLESS ALL SIGNATURES COMPLETED	R-3833C	I/A
EFF. 01-16-2018 ar in "Roadway Standard Drawings" Highway Design Branch - leigh, N. C., Dated January, 2018 are applicable to this project a part of these plans:		ROADWAY DESIGN ENGINEER Decusigned AE Dean Sarvis AE Dean Sarvis 12828 AB DEAN SARVINI 4/27/2023
II Secondary and Local ation - Two Lane Pavement		<b>Stantec</b>

Stantec Consulting Services Inc 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672

Inlets in Grassed Median - Using 1'-6" Curb and Gutter Inlets in Concrete Islands urb and Gutter