	See Sheet 1-A For Index of Sheets		RTH CAROLINA OF HIGHWAYS	STATE STATE PROJECT REFERENCE NO. SHEET TOTAL SHEETS NO. WBS#:40924.3.F71 1 STATE PROJ. NO. F.A. PROJ. NO. DESCRIPTION
	City Park Park Sch		EE COUNTY	
40924.3.71	PROJECT LOCATION OF THE PROJEC	LOCATION: IN THE BEGINNI	TOWN OF ANDREWS ALONG JEAN CHRIST NG AT 6TH ST AND ENDING IN SCHOOL DEWALK, CURB & GUTTER, PAVING.	Y ST. PARKING LOT
PROJECT: WBS#:	BEGIN PRO	DJECT		END PROJECT
r: tbd				INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION
	GRAPHIC SCALES 25 0 50 100 PLANS	PROJECT LENGTH TOTAL LENGTH STATE PROJECT = 0.05 MILES	DIVISION OF HIGHWAYS 191 Robbinsville Rd., Andrews, NC 28901 2012 STANDARD SPECIFICATIONS RIGHT OF WAY DATE: WESLEY GRINDSTAFF, P.E. PROJECT ENGINEER ADAM DOCKERY PROJECT DESIGN ENGINEER	HYDRAULICS ENGINEER P.E. ROADWAY DESIGN ENGINEER P.E. NATURE: P.E. NATURE:

PROJECT REFERENCE NO.	SHEET NO.
WBS#: 40924.3.71	1-A

INDEX OF SHEETS

INDEX OF SHEETS
CONVENTIONAL SYMBOLS
SUMMARY OF QUANTITIES
PLAN SHEET

*S.U.E. = Subsurface Utility Engineering

CONVENTIONAL PLAN SHEET SYMBOLS

State Line —	
County Line —	
Township Line —	
City Line	
Reservation Line —	
Property Line —	
Existing Iron Pin	<u>.</u>
Property Corner	
Property Monument	ECM
Parcel/Sequence Number —	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary —	
Existing Endangered Animal Boundary ———	
Existing Endangered Plant Boundary ———	
Known Soil Contamination: Area or Site ——	
Potential Soil Contamination: Area or Site —	
BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap	
	- ○ - ○ - ○ - ○ - ○ - ◇ - ◇
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery	- ○ - ○ s - ◇ -
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline	- ○ - ○ s - ◇ -
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery	- ○ - ○ s - ◇ -
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water	
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow Disappearing Stream	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow Disappearing Stream Spring	- ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

Standard Gauge —————	CSX TRANSPORTATION		A A A
RR Signal Milepost —————	⊙ MILEPOST 35	Orchard —	6 6 6
Switch ————	SWITCH	Vineyard ————————————————————————————————————	Vineyard
RR Abandoned —————		EXISTING STRUCTURES:	
RR Dismantled ————			
RIGHT OF WAY:		MAJOR: Bridge, Tunnel or Box Culvert ——— [CONC
Baseline Control Point	•	Bridge, ronner of Box Colvert Bridge Wing Wall, Head Wall and End Wall —	
Existing Right of Way Marker ————	\triangle	MINOR:) (
Existing Right of Way Line ————		Head and End Wall	CONC HW
Proposed Right of Way Line		Pipe Culvert —	
Proposed Right of Way Line with Iron Pin and Cap Marker		Footbridge	
Proposed Right of Way Line with		Drainage Box: Catch Basin, DI or JB ———	СВ
Concrete or Granite R/W Marker		Paved Ditch Gutter ———————————————————————————————————	
Proposed Control of Access Line with Concrete C/A Marker		Storm Sewer Manhole ————	S
Existing Control of Access ————		Storm Sewer —	s
Proposed Control of Access ————			
Existing Easement Line ————————————————————————————————————		UTILITIES:	
Proposed Temporary Construction Easement –	Е	POWER:	ı
Proposed Temporary Drainage Easement —	TDE	Existing Power Pole ————	•
Proposed Permanent Drainage Easement ——	PDE	Proposed Power Pole ————	Ò
Proposed Permanent Drainage / Utility Easement	DUE	Existing Joint Use Pole ————	-
Proposed Permanent Utility Easement ———	PUE	Proposed Joint Use Pole	-0-
Proposed Temporary Utility Easement ———	TUE	Power Manhole ————	(P)
Proposed Aerial Utility Easement ————	AUE	Power Line Tower	
Proposed Permanent Easement with	^	Power Transformer ———————————————————————————————————	\square
Iron Pin and Cap Marker	(U/G Power Cable Hand Hole	
ROADS AND RELATED FEATURE	ES:	H-Frame Pole	•—•
Existing Edge of Pavement ————		Recorded U/G Power Line (C.11.5.*)	
Existing Curb —————		Designated U/G Power Line (S.U.E.*)	P
Proposed Slope Stakes Cut ————		TELEPHONE:	
Proposed Slope Stakes Fill ————	<u>F</u>	Evision Talankana Dala	
Proposed Curb Ramp —————		Existing Telephone Pole	-0-
Existing Metal Guardrail —————		Proposed Telephone Pole ————————————————————————————————————	①
Proposed Guardrail ————		Telephone Booth ————	3
Existing Cable Guiderail —————		Telephone Pedestal ————————————————————————————————————	T
Proposed Cable Guiderail————		Telephone Cell Tower	. <u>↓</u> ,
Equality Symbol —————	lacktriangle		√ ▼√ H _H
Pavement Removal ————		U/G Telephone Cable Hand Hole ————————————————————————————————————	_
VEGETATION:		Designated U/G Telephone Cable (S.U.E.*)—	
Single Tree ——————	슌	Recorded U/G Telephone Conduit ———	
Single Shrub —————	\$	Designated U/G Telephone Conduit (S.U.E.*)	
Hedge ————	·······	Recorded U/G Fiber Optics Cable ———	

Orchard ———	හි හි හි හි
/ineyard ————	Vineyard
EVICTING CTDICTIDES	
EXISTING STRUCTURES:	
AAJOR:	
Bridge, Tunnel or Box Culvert	CONC
Bridge Wing Wall, Head Wall and End Wall –) CONC WW
MINOR: Head and End Wall ——————————————————————————————————	CONC HW
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB ———	СВ
Paved Ditch Gutter	
Storm Sewer Manhole —	S
Storm Sewer —	
UTILITIES:	
POWER:	
Existing Power Pole ————	•
Proposed Power Pole ———	6
Existing Joint Use Pole ————	
Proposed Joint Use Pole ————	- ⊹ -
Power Manhole ————	P
Power Line Tower —	\boxtimes
Power Transformer ———————————————————————————————————	
U/G Power Cable Hand Hole	
H–Frame Pole —————	•
Recorded U/G Power Line ————	Р
Designated U/G Power Line (S.U.E.*)	P
ELEPHONE:	
Existing Telephone Pole ————	-•-
Proposed Telephone Pole ————	-0-
Telephone Manhole————	\bigcirc
Telephone Booth ————	3
Telephone Pedestal ————	T
Telephone Cell Tower ————	,
U/G Telephone Cable Hand Hole ———	H_{H}
Recorded U/G Telephone Cable ———	т
Designated U/G Telephone Cable (S.U.E.*)—	t
Recorded U/G Telephone Conduit ———	тс
Designated U/G Telephone Conduit (S.U.E.*)	тс—
Recorded U/G Fiber Optics Cable ———	T FO

VATER:	
Water Manhole —————	W
Water Meter —	0
Water Valve —	\otimes
Water Hydrant —	-\$
Recorded U/G Water Line —	w
Designated U/G Water Line (S.U.E.*)	
Above Ground Water Line	A/G Water
V:	
TV Satellite Dish ————————————————————————————————————	
TV Pedestal ————————————————————————————————————	
TV Tower —	\bigotimes
U/G TV Cable Hand Hole —	FH.
Recorded U/G TV Cable ————	
Designated U/G TV Cable (S.U.E.*)	
Recorded U/G Fiber Optic Cable ———	
Designated U/G Fiber Optic Cable (S.U.E.*)—	
Designated 0/0 Tiber Optic Cable (5.0.L.)	
GAS:	
Gas Valve ————————————————————————————————————	\Diamond
Gas Meter —	\Diamond
Recorded U/G Gas Line —————	c
Designated U/G Gas Line (S.U.E.*)———	
Above Ground Gas Line	A/G Gas
ANITARY SEWER:	
Sanitary Sewer Manhole —————	(
Sanitary Sewer Cleanout —————	(+)
U/G Sanitary Sewer Line —————	ss
Above Ground Sanitary Sewer ————	A/G Sanitary Sewer
Recorded SS Forced Main Line————	FSS
Designated SS Forced Main Line (S.U.E.*) —	FSS
MISCELLANEOUS:	
Utility Pole —	
Utility Pole with Base —	·
Utility Located Object —	
Utility Traffic Signal Box —	
Utility Unknown U/G Line ————	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc. —	
A/G Tank; Water, Gas, Oil ———————————————————————————————————	
Geoenvironmental Boring —————	
U/G Test Hole (S.U.E.*)	_
Abandoned According to Utility Records —	AATUR
End of Information —	E.O.I.

PROJECT REFERENCE NO. SHEET NO. WBS#: 40924.3.F71 3

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - DN00235

ITEM NUMBER	SEC #	QUANTITY	UNIT	DESCRIPTION
00001000000-N	800	1	LS	MOBILIZATION
0043000000-N	226	1	LS	GRADING
4405000000-E	1110	96	SF	WORK ZONE SIGN PORTABLE
4455000000-N	1150	20	MD	FLAGGER
2605000000-N	848	4	EA	CONCRETE CURB RAMP
2591000000-E	848	129	SY	4" CONCRETE SIDEWALK
4820000000-E	1205	260	LF	PAVEMENT MARKING (HIGH VIS CROSSWALK STD. 1205.07)
2830000000-N	858	1	$\mathbb{E} A$	ADJUST EXISTING MANHOLE
2815000000-N	858	1	$\mathbb{E} A$	ADJUST DROP INLET
2612000000-E	848	41	SY	6" CONCRETE DRIVEWAY (DTO)
2549000000-E	846	2 31	LF	2'6" CONCRETE CURB & GUTTER
1519000000-E	610	58	TON	ASPHALT CONC SURFACE (COURSE TYPE S9.5B)
4116100000-N	904	2	EA	SIGN ERECTION, RELOCATE, TYPE (GROUND MOUNTED)
2286000000-N	840	2	EA	MASONRY DRAINAGE STRUCTURES
2365000000-N	840	2	$\mathbb{E} A$	FRAME WITH 2 GRATES (STD. 840.22)
2374000000-N	840	1	EA	FRAME WITH GRATE AND HOOD (STD. 840.03 TYPE E)
1704000000-E	\mathbb{SP}	12	TON	PATCHING EXISTING PAVEMENT
0372000000-E	310	24	\mathbb{LF}	18" RC PIPE CULVERT CLASS III
0536000000-E	310	8	\mathbb{LF}	18" HDPE PIPE CULVERT

PROPOSED CURB RAMP (STD. DRAWING 848.05)

RELOCATE EXISTING SIGNS

PROPOSED CURB RAMP (STD. DRAWING 848.05)

8'HDPE CULVERT INVERT- 99.35'

PROPOSED CONCRETE CATCH BASIN (STD 840.02) PROPOSED INVERT – 99.5'

1.5" OVERLAY W/S9.5B

PROPOSED 5'SIDEWALK (STD. DRAWING 848.01)

PROPOSED 6" CONCRETE DRIVEWAY(DTO) (STD. DRAWING 848.02)

ADJUST EXISTING MANHOLE

ADJUST DROP INLET

PROPOSED 18" RC PIPE CULVERT CLASS III

(STD. DRAWING 1205.07)

GRADE AREA TO DRAIN TO CATCH BASIN (PAYMENT FOR BORROW MATERIAL NEEDED WILL BE COVERED UNDER COMPREHENSIVE GRADING)

PROPOSED CONCRETE GRATED
DROP INLET TYPE B (STD 840.18)
PROPOSED INVERT - 99.98'

PROPOSED HIGH VISIBLITY CROSSWALK

PATCH EXISTING ASPHALT 342 LBS/SY OF I 19.0B

PROPOSED 2'6" CURB & GUTTER (STD. DRAWING 848.05)

PROPOSED CURB RAMPS (STD. DRAWING 848.05)

PROPOSED CURB RAMP
TO TRANSITION INTO
EXISTING SIDEWALK

PROPOSED SIDEWALK TO MATCH EXISTING SIDEWALK

PROPOSED CURB RAMPS (STD. DRAWING 848.05)

PROPOSED HIGH VISIBLITY CROSSWALK (STD. DRAWING 1205.07)