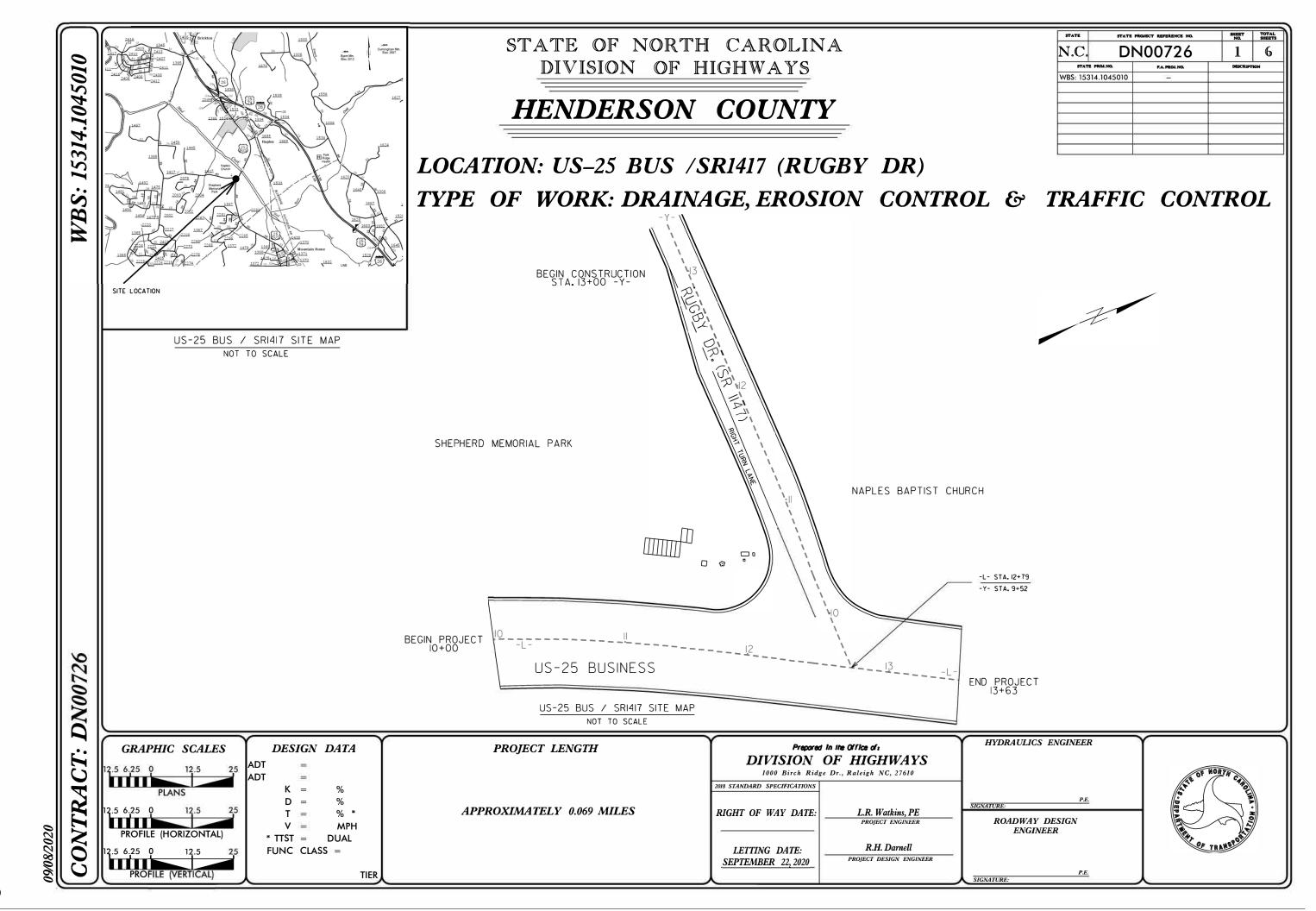
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DN00726 IA

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

INDEX OF SHEETS

GENERAL NOTES

LIST OF ROADWAY STANDARDS

SHEET NUMBER:	SHEET:
1	TITLE SHEET
1A	INDEX OF SHEETS
1B	CONVENTIONAL SYMBOLS
3	DRAINAGE SUMMARIES
4	PLAN SHEET
EC1	EROSION CONTROL PLANS

GENERAL NOTES: 2018 SPECIFICATIONS EFFECTIVE: 01-16-2018

- ALL OPERATIONS SHALL BE ACCOMPLISHED WITHIN EXISTING NCDOT RIGHT OF WAY.
- CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION, ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.
- THE CONTRACTOR SHALL USE EXTREME CAUTION NOT TO DISTURB GRAVESITES DURING OPERATIONS. IF DAMAGE DOES OCCUR CONTACT ENGINEER IMEDIATELY.
- THE CONTRACTOR SHALL MAKE AN ATTEMPT WITHIN REASON TO STOP OPERATIONS DURING A SCHEDULED FUNERAL SERVICE AT SHEPHERD MEMORIAL PARK.
- 6 SHORING TYPE AND INSTALLATION METHOD SHALL BE UP TO THE CONTRACTORS DISCRETION AS LONG AS THE CEMETERY/UTILITIES ARE ADEQUATELY STABILIZED. METHOD DETERMINED SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ALL SHORING OPERATIONS SHALL TAKE PLACE WITHIN THE CONSTRUCTION FENCE. DO NOT EXCEED RIGHT OF WAY.
- 7 BE ADVISED THAT OVERHEAD UTILITIES ARE PRESENT ON SITE. IF DAMAGE OCCURS CONTACT THE ENGINEER IMMEDIATELY.
- 8 AT NO TIME SHALL THE CONTRACTOR STORE MATERIALS OR PARK EQUIPMENT AND VEHICHLES ON THE PROPERTY BELONGING TO NAPLES BAPTIST CHURCH OR THE PROPERTY OF SHEPHERD MEMORIAL PARK.
- 9 CLEARING SHALL TAKE PLACE IN ACCORDANCE WITH METHOD II STANDARDS.

2018 ROADWAY 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 16, 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

STD. NO. TITLE DIVISION 2 - EARTHWORK

200.02 METHOD OF CLEARING - METHOD II

DIVISION 8 - INCIDENTALS

840.17 CONCRETE GRATED DROP INLET TYPE "A" 840.26 BRICK GRATED DROP INLET TYPE "A"

DIVISION II - WORK ZONE TRAFFIC CONTROL
IIOI.01 WORK ZONE ADVANCE WARNING SIGNS
IIO.02 TEMPORARY LANE CLOSURES
IIIO.01 STATIONARY WORK ZONE SIGNS
IIIO.02 PORTABLE WORK ZONE SIGNS
II35.01 CONES

DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPEMENT 1607.01 GRAVEL CONSTRUCTION ENTRANCE SPECIAL STILLING BASIN ROCK INLET SEDIMENT TRAP TYPE "C"

1632.03 ROCK INLET SEDIMENT TRAP TYPE "I DIVISION 18 - GEOTECHNICAL ENGINEERING 1801.01 STANDARD TEMPORARY SHORING

UTILITY OWNERS ON THIS PROJECT ARE:

AT&T TELEPHONE COMPANY (COMPORIUM) (828-553-9599), PSNC ENERGY (877-776-2427), DUKE ENERGY (800-769-3766), HENDERSONVILLE WATER AND SEWER (828-697-3073) MORRIS BROADBAND CABLE (828-692-3278)

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

		STATE OF NORTH	CAROLI	NA, DIVISION OF HIGHWA	YS	<u></u>	DN00726 IB
				•			
	•,	CONVENTION		an sheet symbc)LS		
BOUNDARIES AND PROPERTY		RAILROADS: Note: Not to S	Scale *S	.U.E. = Subsurface Utility Engineering		WATER:	
State Line ————————————————————————————————————		Standard Gauge ——————	#######	Hedge ————————	******************************	Water Manhole ————————————————————————————————————	
County Line ————————		RR Signal Milepost ——————————	0	Woods Line		Water Meter —————————	
Township Line ——————————		Switch ———————————	MLEPOST 35	Orchard —————————		Water Valve ————————————	
City Line		RR Abandoned		Vineyard ——————————	Vineyord	Water Hydrant —————————	 •
Reservation Line —————		RR Dismantled		·	114,00	U/G Water Line LOS B (S.U.E*)	
Property Line ——————————		RR Dismantled		EXISTING STRUCTURES:		U/G Water Line LOS C (S.U.E*)	_ =====
Existing Iron Pin ——————	<u>p</u>			MAJOR:		U/G Water Line LOS D (S.U.E*) —	
Computed Property Corner ————		RIGHT OF WAY & PROJECT CO	ONTROL:	Bridge, Tunnel or Box Culvert	CONC	Above Ground Water Line ————	A/G tioter
Property Monument —————		Secondary Horiz and Vert Control Point	•	Bridge Wing Wall, Head Wall and End Wall -) conc an (
Parcel/Sequence Number ————		Primary Horiz Control Point	\bigcirc	MINOR:		TV: TV Pedestal	—
Existing Fence Line ————————————————————————————————————		Primary Horiz and Vert Control Point		Head and End Wall —————	CONC HR	TV Tower —	
Proposed Woven Wire Fence ————		Exist Permanent Easment Pin and Cap ———	\Diamond	Pipe Culvert			=
Proposed Chain Link Fence		New Permanent Easement Pin and Cap ——		Footbridge ————>		U/G TV Cable Hand Hole	
Proposed Barbed Wire Fence		Vertical Benchmark		Drainage Box: Catch Basin, DI or JB ———	□ œ	U/G TV Cable LOS B (S.U.E.*)	
Existing Wetland Boundary		Existing Right of Way Marker	Δ	Paved Ditch Gutter —		U/G TV Cable LOS C (S.U.E.*)	
Proposed Wetland Boundary ————		Existing Right of Way Line		Storm Sewer Manhole —————		U/G TV Cable LOS D (S.U.E.*)	
		New Right of Way Line		Storm Sewer —		U/G Fiber Optic Cable LOS B (S.U.E.*) —	
Existing Endangered Animal Boundary ——		• ,				U/G Fiber Optic Cable LOS C (S.U.E.*) —	
Existing Endangered Plant Boundary		New Right of Way Line with Pin and Cap—		UTILITIES:		U/G Fiber Optic Cable LOS D (S.U.E.*) —	1v ro
Existing Historic Property Boundary		New Right of Way Line with Concrete or Granite RW Marker		POWER:		GAS:	
Known Contamination Area: Soil ———		New Control of Access Line with		Existing Power Pole ——————	•	Gas Valve	_
Potential Contamination Area: Soil		Concrete C/A Marker	-9	Proposed Power Pole —————	b	Gas Meter	
Known Contamination Area: Water	 - ፠ -w- % -	Existing Control of Access	— 	Existing Joint Use Pole —————		U/G Gas Line LOS B (S.U.E.*) ————	
Potential Contamination Area: Water	 - % -w- % -	New Control of Access		Proposed Joint Use Pole ————	-	U/G Gas Line LOS C (S.U.E.*)	
Contaminated Site: Known or Potential —	— XX XX	Existing Easement Line		Power Manhole —————————	ø	U/G Gas Line LOS D (S.U.E.*)	
BUILDINGS AND OTHER CUI	LTURE:	New Temporary Construction Easement -	_	Power Line Tower ——————	\boxtimes	Above Ground Gas Line	A/G Gas
Gas Pump Vent or U/G Tank Cap ———		New Temporary Drainage Easement —		Power Transformer ——————	Z	Above Ground Gds Line ————————————————————————————————————	
Sign —————	0		—— IDE ——	U/G Power Cable Hand Hole ————		SANITARY SEWER:	
Well —————		New Permanent Drainage Easement	—— PDE ——	H-Frame Pole	•	Sanitary Sewer Manhole	— •
Small Mine ——————————	 *	New Permanent Drainage / Utility Easement	——DUE——	U/G Power Line LOS B (S.U.E.*)		Sanitary Sewer Cleanout	— ⊕
Foundation ————————		New Permanent Utility Easement ———	——— PUE ———	U/G Power Line LOS C (S.U.E.*)		U/G Sanitary Sewer Line —————	
Area Outline		New Temporary Utility Easement ———	—— TUE ——	U/G Power Line LOS D (S.U.E.*)		Above Ground Sanitary Sewer	A/G Sonltary Sewer_
Cemetery		New Aerial Utility Easement	—— AUE ——	U/G Fower Line LOS D (5.U.E.)		SS Forced Main Line LOS B (S.U.E.*) —	
,				TELEPHONE:		SS Forced Main Line LOS C (S.U.E.*) —	
Building ————————————————————————————————————	_ 븢	ROADS AND RELATED FEATUR		Existing Telephone Pole —————	-	SS Forced Main Line LOS D (S.U.E.*) —	
School		Existing Edge of Pavement ————		Proposed Telephone Pole —————	•		
Church -	— ·	Existing Curb		Telephone Manhole ——————	O	MISCELLANEOUS:	
Dam —————————		Proposed Slope Stakes Cut ————	<u>-</u>	Telephone Pedestal ————————————————————————————————————	m	Utility Pole —————	•
HYDROLOGY:		Proposed Slope Stakes Fill ————	<u>f</u>	Telephone Cell Tower —————	I	Utility Pole with Base —————	<u> —</u> п
Stream or Body of Water —————		Proposed Curb Ramp	œ	-		Utility Located Object —————	
Hydro, Pool or Reservoir —————	- []	Existing Metal Guardrail ——————		U/G Telephone Cable Hand Hole ———	_	Utility Traffic Signal Box —————	
Jurisdictional Stream	—s	Proposed Guardrail ——————		U/G Telephone Cable LOS B (S.U.E.*)		Utility Unknown U/G Line LOS B (S.U.E.*)	
Buffer Zone 1 ————————	——————————————————————————————————————	Existing Cable Guiderail		U/G Telephone Cable LOS C (S.U.E.*) ——		U/G Tank; Water, Gas, Oil —————	
Buffer Zone 2 ————————		Proposed Cable Guiderail —————		U/G Telephone Cable LOS D (S.U.E.*) ——			
Flow Arrow ———————	=	Equality Symbol	•	U/G Telephone Conduit LOS B (S.U.E.*) ——		Underground Storage Tank, Approx. Loc. –	
Disappearing Stream				U/G Telephone Conduit LOS C (S.U.E.*)——	IC	A/G Tank; Water, Gas, Oil	
Spring ——————————		Pavement Removal ————————————————————————————————————		U/G Telephone Conduit LOS D (S.U.E.*)——	tc	Geoenvironmental Boring	•
Wetland		VEGETATION:		U/G Fiber Optics Cable LOS B (S.U.E.*) ——	1 fo ·	U/G Test Hole LOS A (S.U.E.*)	_
Proposed Lateral, Tail, Head Ditch ———	— ΣΣΣΣ	Single Tree	- @	U/G Fiber Optics Cable LOS C (S.U.E.*)——	ı ro—	Abandoned According to Utility Records —	
False Sump ——————	- -	Single Shrub ————————————————————————————————————	- 0	U/G Fiber Optics Cable LOS D (S.U.E.*)		End of Information ——————	E.O.I.

