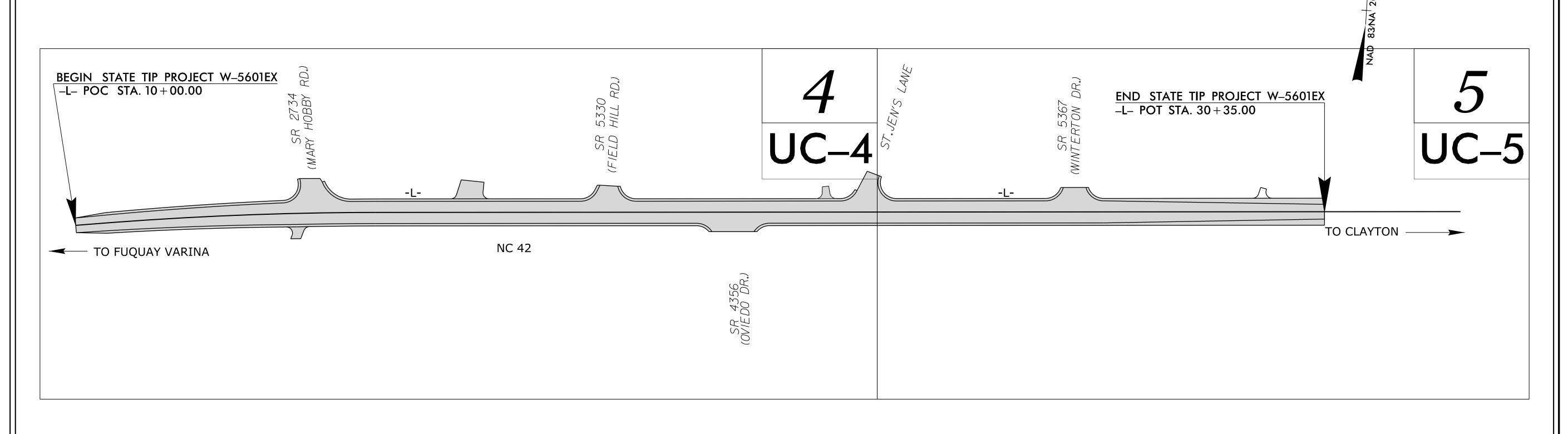
VICINITY MAP

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS T.I.P. NO. SHEET NO. W-5601EX UC-1

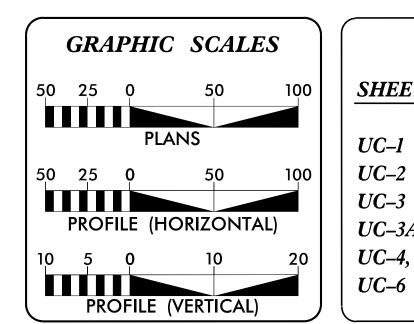
# UTILITY CONSTRUCTION PLANS WAKE COUNTY

LOCATION: WIDEN NC 42 FOR CENTER TURN LANE FROM WEST OF MARY HOBBY ROAD (SR 2734) TO EAST OF WINTERTON DRIVE (SR 5367)

TYPE OF WORK: RELOCATION OF WATER LINE



DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED



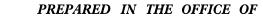
#### INDEX OF SHEETS

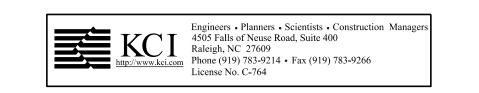
SHEET NO.:DESCRIPTION:UC-1UC TITLE SHEETUC-2UTILITY SYMBOLOGY SHEETUC-3UC NOTES SHEETUC-3AUC DETAIL SHEETUC-4, UC-5UC PLAN SHEETS

UC PROFILE SHEET

## WATER OWNER ON PROJECT

JOHNSTON COUNTY DEPARTMENT OF PUBLIC UTILITIES 309 E. MARKET ST. SMITHFIELD, NC 27577





PROJECT DESIGNER

DINKISSA KEREYU, P.E.PROJECT ENGINEERMARCO MENENDEZ, P.E.PROJECT MANAGER

ANGELICA PURA



SEAL



MONROE BROWN

DIVISION OF HIGHWAYS
DIVISION 5
PROJECT DELIVERY UNIT
2612 N. DUKE STREET
DURHAM, NC 27704

BEN UPSHAW, P.E.

S. REID DAVIDSON,

DON PROPER

\_\_\_\_\_TEAM LEAD

S. REID DAVIDSON, P.E. DDC ENGINEER

DON PROPER DIVISION 5 UTIL

\_ DIVISION 5 UTILITIES ENGINEER DIVISION 5 UTILITY - COORDINATOR DocuSign Envelope ID: F79C783C-B48D-4AFB-A2DA-535A5245691C

#### PROJECT REFERENCE NO. SHEET NO. UC-2

#### STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

### UTILITIES PLAN SHEET SYMBOLS

#### PROPOSED WATER SYMBOLS

#### Water Line (Sized as Shown) 11⅓ Degree Bend 22½ Degree Bend 45 Degree Bend 90 Degree Bend Plug Tee Cross Reducer Gate Valve Butterfly Valve Tapping Valve Line Stop Line Stop with Bypass Blow Off Fire Hydrant ···· Relocate Fire Hydrant Remove Fire Hydrant Water Meter Relocate Water Meter Remove Water Meter Water Pump Station RPZ Backflow Preventer DCV Backflow Preventer Relocate RPZ Backflow Preventer Relocate DCV Backflow Preventer

#### PROPOSED MISCELLANOUS UTILITIES SYMBOLS

ower Pole ····································	Thrust Block
elephone Pole	Air Release Valve
oint Use Pole	Utility Vault
elephone Pedestal ····································	Concrete Pier
Itility Line by Others Type as Shown)	Steel Pier
renchless Installation	Plan Note
incasement by Open Cut	Pay Item Note
incasement	PAY ITEM

#### EXISTING UTILITIES SYMBOLS

EXISTING UTILITIES STWIDGES	
*Underground Power Line	
*Underground Telephone Cable	
*Underground Telephone Conduit	
*Underground Fiber Optics Telephone Cable	
*Underground TV Cable	
*Underground Fiber Optics TV Cable ·······	
*Underground Gas Pipeline	
Aboveground Gas Pipeline ····································	G Gas
*Underground Water Line	
Aboveground Water Line	G Water
*Underground Gravity Sanitary Sewer Line ————	ss———
Aboveground Gravity Sanitary Sewer Line A/G San	nitary Sewer
*Underground SS Forced Main Line	
Underground Unknown Utility Line	
SUE Test Hole ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯	
Water Meter □	
Water Valve ····································	
Fire Hydrant ····································	
JR Sanitary Sewer Cleanout ····· ⊕	
<b>l</b> .	
	*Underground Power Line  *Underground Telephone Cable  *Underground Fiber Optics Telephone Cable  *Underground Fiber Optics TV Cable  *Underground Fiber Optics TV Cable  *Underground Gas Pipeline  Aboveground Gas Pipeline  *Underground Water Line  Aboveground Gravity Sanitary Sewer Line  Aboveground Gravity Sanitary Sewer Line  *Underground SS Forced Main Line  Underground Unknown Utility Line  SUE Test Hole  Water Meter  Water Valve  Fire Hydrant  \$ Sanitary Sewer Cleanout

*For Existing Utiliti	Les
Utility Line Drawn f (Type as Shown)	rom Record
Designated Utility L (Type as Shown)	_ine

REV: 2/1/2012

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#### UTILITY CONSTRUCTION

#### **GENERAL NOTES:**

- 1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024.
- 2. THE EXISTING UTILITIES BELONG TO JOHNSTON COUNTY DEPARTMENT OF PUBLIC UTILITIES.
- 3. ALL WATER LINES TO BE INSTALLED
  WITHIN COMPLIANCE OF THE RULES AND
  REGULATIONS OF THE NORTH CAROLINA
  DEPARTMENT OF ENVIRONMENTAL QUALITY,
  DIVISION OF WATER RESOURCES,
  PUBLIC WATER SUPPLY SECTION. ALL SEWER
  LINES TO BE INSTALLED WITHIN COMPLIANCE
  OF THE RULES AND REGULATIONS OF THE
  NORTH CAROLINA DEPARTMENT OF
  ENVIRONMENT QUALITY, DIVISION OF WATER
  RESOURCES, WATER QUALITY SECTION.
  PERFORM ALL WORK IN ACCORDANCE WITH THE
  APPLICABLE PLUMBING CODES.
- 4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
- 5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

- 6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
- 8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
- 9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

PROJECT REFERENCE NO. SHEET NO.

W-560/EX

DESIGNED BY: DK

DRAWN BY: AP

CHECKED BY: MM

APPROVED BY:

REVISED:

NORTH CAROL INA
DEPARTMENT OF
TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690
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UTILITY CONSTRUCTION
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UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. SHEET NO. W-560IEX UC-3A DESIGNED BY: DK DRAWN BY: CHECKED BY: SEAL APPROVED BY: REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC PHONE: (919)707-6690 UTILITY CONSTRUCTION FAX: (919)250-4151 Engineers • Planners • Scientists • Construction Mana 4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 • Fax (919) 783-9266

#### JOHNSTON COUNTY DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAILS

## UTILITY CONSTRUCTION DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

