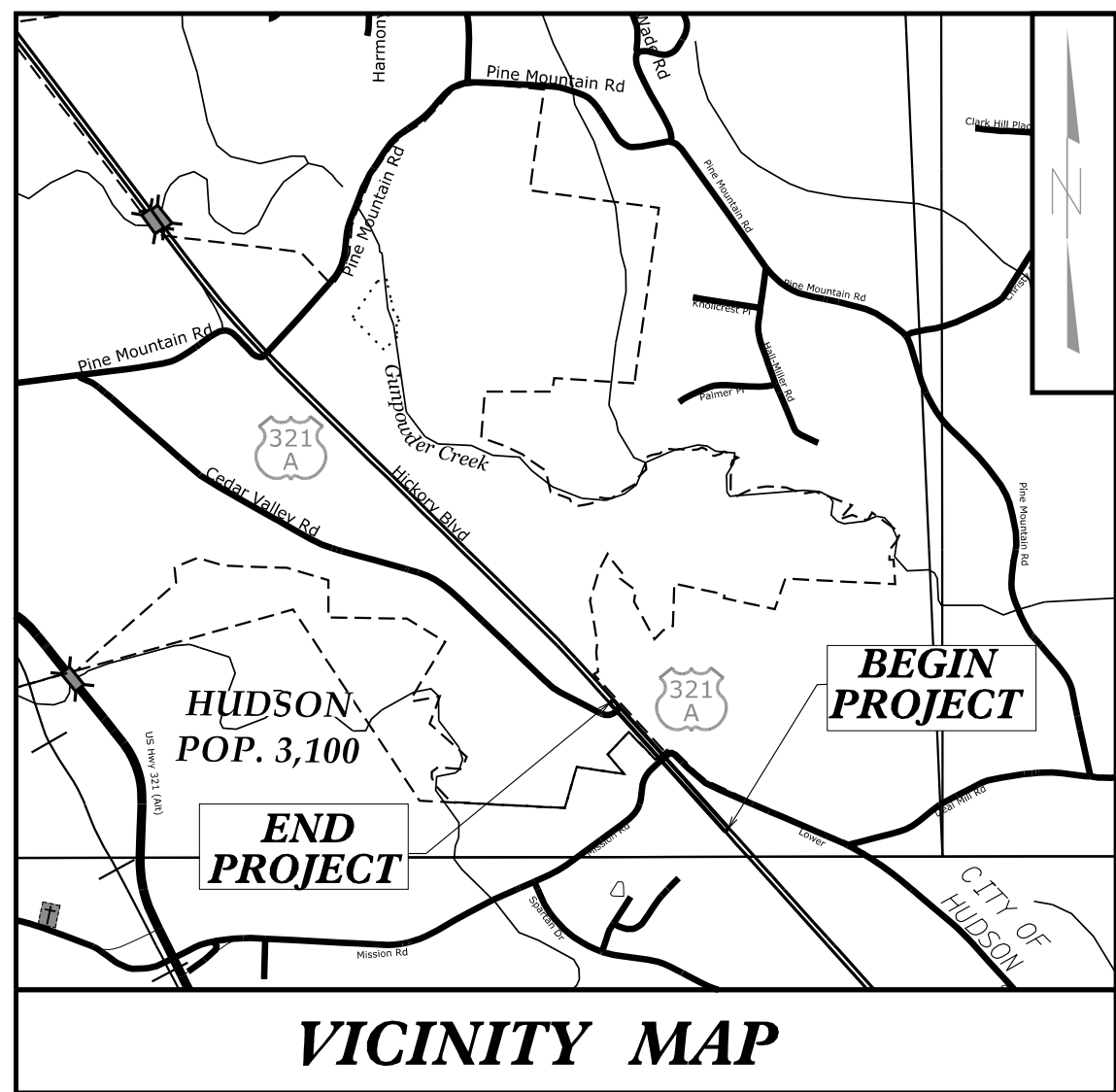


10/25/18
UPDATED WATER & SEWER 12/21/18
UPDATED UTL-DSN 8/6/19
UPDATED UBO SHEETS 3/27/20

TIP PROJECT: U-4700CC



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

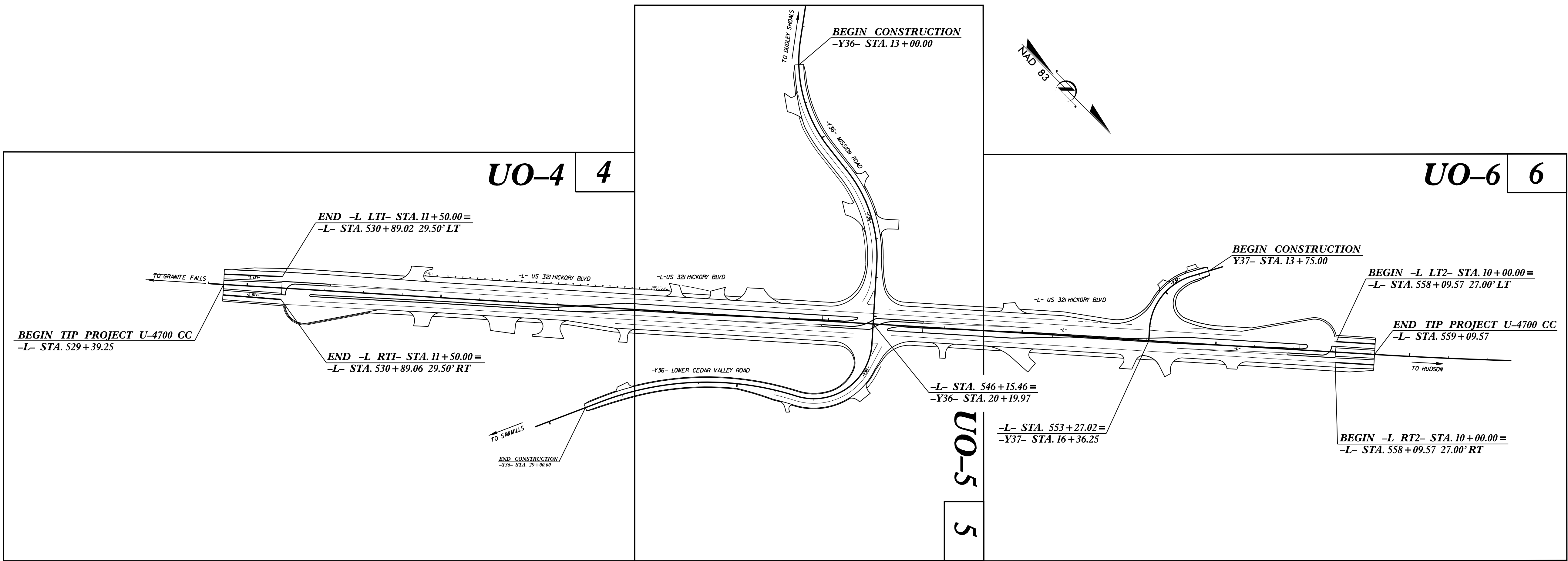
UTILITIES BY OTHERS PLANS
CALDWELL COUNTY

LOCATION: US 321 (HICKORY BLVD) AT MISSION /LOWER ROAD

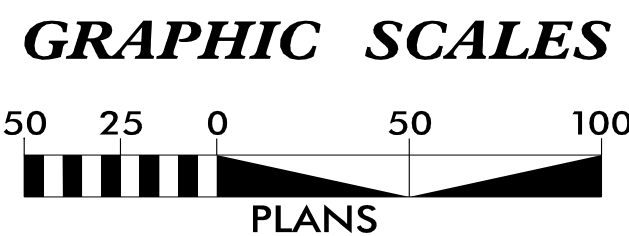
TYPE OF WORK: RELOCATION OF POWER, GAS, TELEPHONE,
AND FIBER

T.I.P. NO.	SHEET NO.
U-4700CC	UO-1

NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS.
NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2	UBO SYMBOLOGY SHEET
UO-3	SHEET OMITTED
UO-4 THRU UO-6	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

- (A) POWER - BLUE RIDGE ELECTRIC
- (B) POWER - DUKE ENERGY
- (C) GAS - PIEDMONT NATURAL GAS
- (D) TELECOMMUNICATIONS - AT&T
- (E) TELECOMMUNICATIONS - CENTURY LINK
- (F) FIBER OPTIC - MCNC
- (G) CATV - CHARTER/SPECTRUM

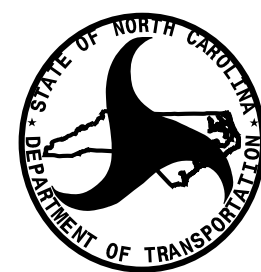
- UTILITIES SHOWN ON UC SHEETS
- (H) WATER & SEWER - CITY OF LENOIR
- (I) WATER & SEWER - TOWN OF SAWMILLS
- (J) WATER & SEWER - CALDWELL COUNTY

PREPARED IN THE OFFICE OF:



Prepared in the Office of:
JOHNSON, MIRMIRAN, & THOMPSON, INC.
2550 West Tyvola Road, Suite 120
Charlotte, NC 28217

Nick Asaro, PLS	PROJECT UTILITY MANAGER
Joe Montgomery	PROJECT UTILITY COORDINATOR
Shane Waidner	PROJECT UTILITY DESIGNER

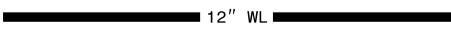


DIVISION OF HIGHWAYS
UTILITIES UNIT
1555 MAIL SERVICES CENTER
RALEIGH, NC 27699-1555
PHONE (919) 707-6690
FAX (919) 250-4151

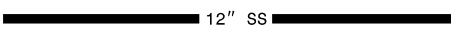
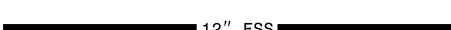
Ramie Shaw	PROJECT MANAGER
Brandon Greer	UTILITIES DIVISION COORD.

UTILITIES PLAN SHEET SYMBOLS

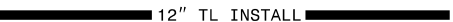
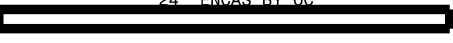
PROPOSED WATER SYMBOLS

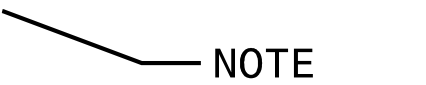
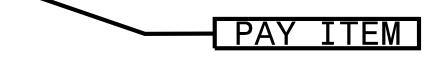
Water Line (Sized as Shown)	
11¼ Degree Bend	
22½ Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	
Water Meter	
Relocate Water Meter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

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

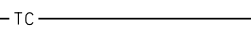
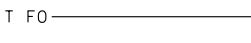
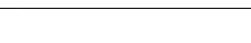
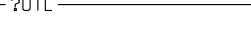
PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	

EXISTING UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Utility Pole	
Utility Pole with Base	
H-Frame Pole	
Power Transmission Line Tower	
Water Manhole	
Power Manhole	
Telephone Manhole	
Sanitary Sewer Manhole	
Hand Hole for Cable	
Power Transformer	
Telephone Pedestal	
CATV Pedestal	
Gas Valve	
Gas Meter	
Located Miscellaneous Utility Object	
Abandoned According to Utility Records	
End of Information	

*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	
*Underground Water Line	
Aboveground Water Line	
*Underground 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 Utilities
Utility Line Drawn from Record (Type as Shown) 
Designated Utility Line (Type as Shown) 

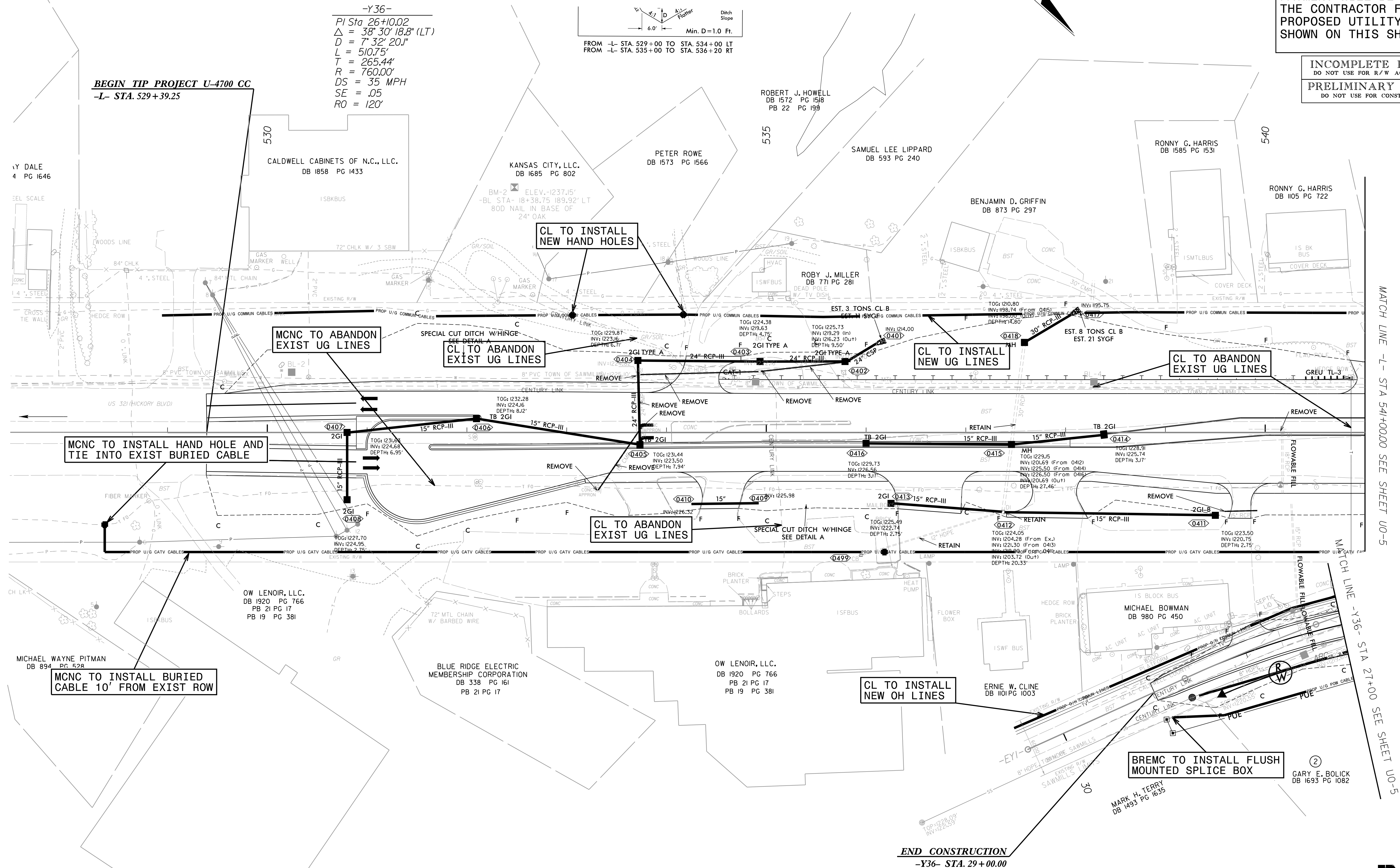
10/25/18
UPDATED WATER & SEWER 12/21/18
UPDATED UTIL-DSN 8/6/19
UPDATED UBO SHEETS 3/27/20

PROJECT REFERENCE NO.	SHEET NO.
U-4700 CC	U0-4
THIS SHEET CORRESPONDS TO RDY-4	

UTILITIES BY OTHERS

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



MATCH LINE -L- STA 54+00.00 SEE SHEET U0-5

MATCH LINE -Y36- STA 21+00 SEE SHEET U0-5

②

JMT
Prepared in the Office of:
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2550 West Tyvola Road, Suite 120
Charlotte, NC 28217



TRANSPORTATION\31535-15 114700CC\1111IES\114700CC 111 PSH05 110-5 06N

UTILITIES BY OTHERS

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ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS. NO
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THE CONTRACTOR FOR
PROPOSED UTILITY WORK
SHOWN ON THIS SHEET.

BURIED
ST ROW



TRANSPORTATION 31535-15 1147200CC UT PSH06 106 DGN

UTILITIES BY OTHERS

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