

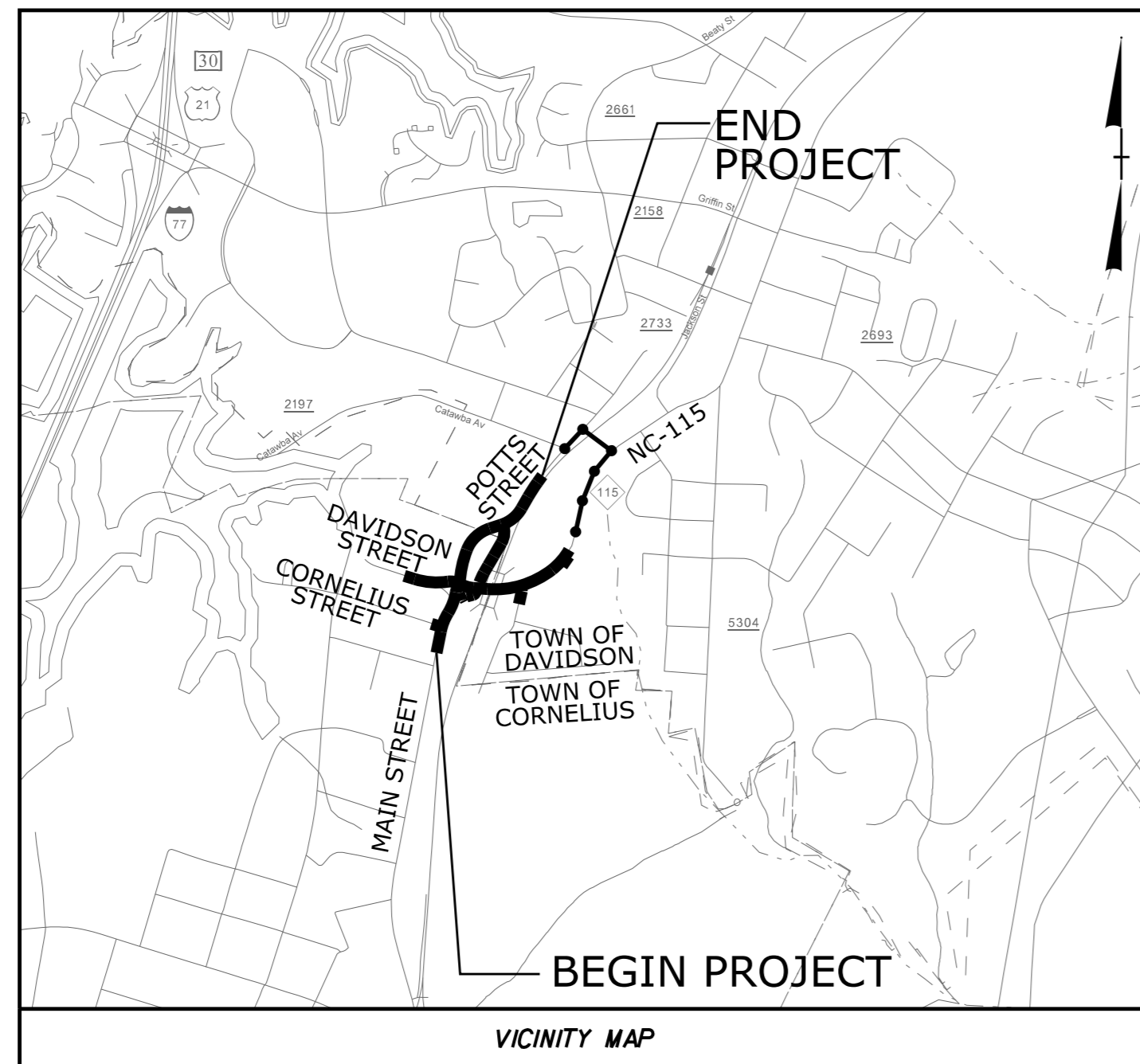
TIP PROJECT: U-5873

CONTRACT: DJ00503

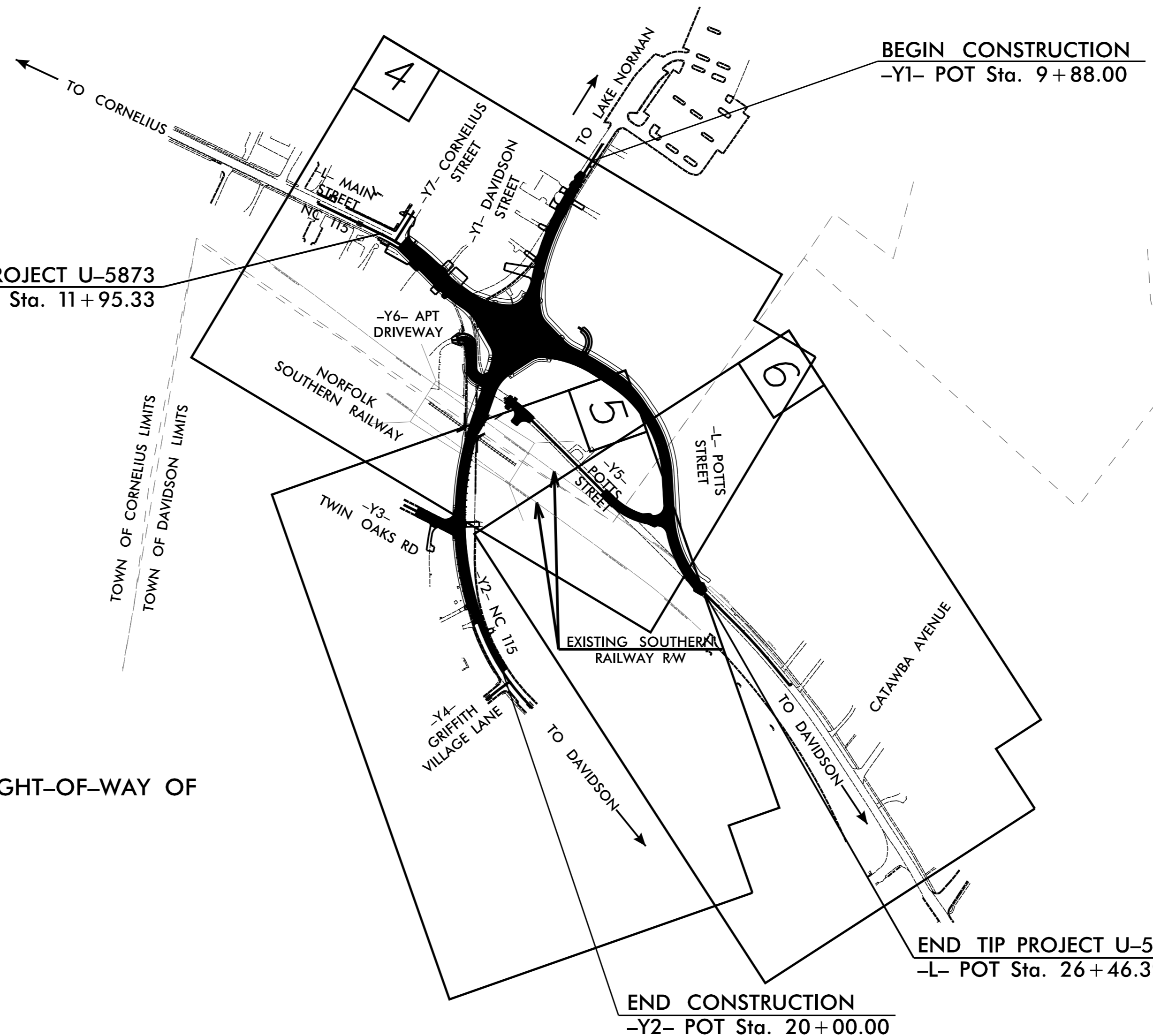
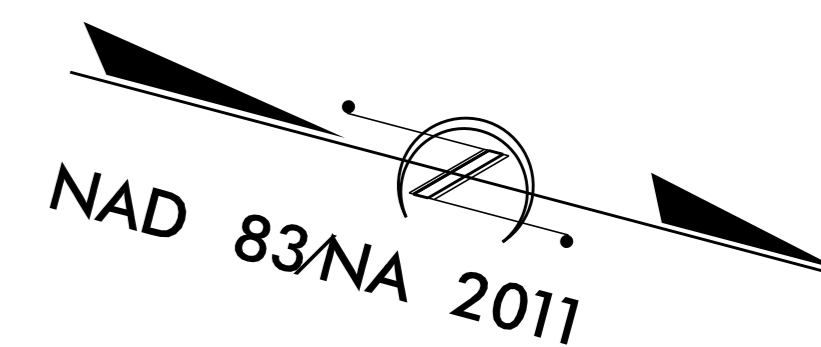
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5873	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46425.1.1	N/A	PE	
46425.2.1	N/A	RW & UTIL	



LOCATION: ROUNDABOUT AT NC-115 (MAIN ST)/DAVIDSON ST/POTTS ST
TYPE OF WORK: CLEARING

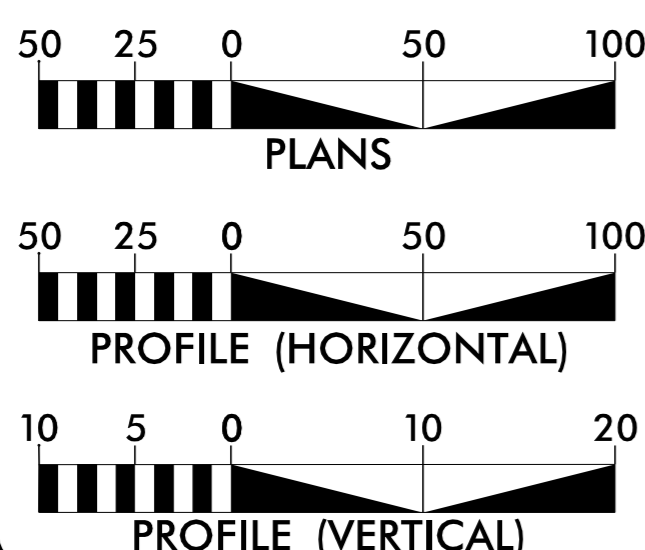


A PORTION OF THIS PROJECT IS LOCATED WITHIN THE RIGHT-OF-WAY OF NORFOLK SOUTHERN RAILROAD

NCDOT CONTACT:
DONALD C GRIFFITH
NCDOT - DIVISION 10
716 W. MAIN STREET
ALBEMARLE, NC 28001

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

-L- MAIN STREET
 ADT 2023 = 19,570 VPD
 ADT 2043 = 29,080 VPD
 K = 10%
 D = 50%
 T = 2%
 V = 35 MPH

FUNCTIONAL CLASSIFICATION: URBAN ARTERIAL
 * 5% TTST 10% DUAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5873 = 0.275 MILES
 TOTAL LENGTH TIP PROJECT U-5873 = 0.275 MILES

PLANS PREPARED FOR THE NCDOT BY:

Kimley Horn

NO. LICENSE #21700
200 SOUTH TRYON STREET, SUITE 200
CHARLOTTE, NORTH CAROLINA 28202
PHONE: (704) 333-1111

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
11-1-2022

LETTING DATE:
03-03-2024

FRANK MASTERSON, P.E.
PROJECT ENGINEER

DJ BEAVER, P.E.
PROJECT DESIGN ENGINEER

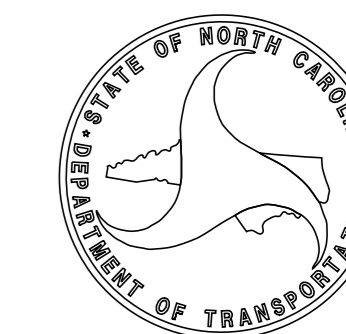
DONALD C. GRIFFITH
NCDOT CONTACT
DM-STIP PROJECT MANAGER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.
ROADWAY DESIGN ENGINEER



SIGNATURE: _____ P.E.



STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin (EIP)	⊙
Computed Property Corner	×
Existing Concrete Monument (ECM)	⊞
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	---RLB---
Proposed Wetland Boundary	RLB
Existing Endangered Animal Boundary	---EAB---
Existing Endangered Plant Boundary	---EPB---
Existing Historic Property Boundary	---HPB---
Known Contamination Area: Soil	---S---
Potential Contamination Area: Soil	---S---
Known Contamination Area: Water	---W---
Potential Contamination Area: Water	---W---
Contaminated Site: Known or Potential	☠ ☒

BUILDINGS AND OTHER CULTURE:

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	▭
Buffer Zone 1	BZ 1
Buffer Zone 2	BZ 2
Flow Arrow	→
Disappearing Stream	→
Spring	⊙
Wetland	▭
Proposed Lateral, Tail, Head Ditch	▭
False Sump	▭

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	⊙
Switch	⊞
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	⊙
Primary Horiz and Vert Control Point	⊞
Secondary Horiz and Vert Control Point	⊞
Vertical Benchmark	⊞
Existing Right of Way Monument	△
Proposed Right of Way Monument (Rebar and Cap)	▲
Proposed Right of Way Monument (Concrete)	⊞
Existing Permanent Easement Monument	◇
Proposed Permanent Easement Monument (Rebar and Cap)	◇
Existing C/A Monument	▲
Proposed C/A Monument (Rebar and Cap)	▲
Proposed C/A Monument (Concrete)	⊞
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Existing Control of Access Line	-----
Proposed Control of Access Line	-----
Proposed ROW and CA Line	-----
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	-----
Proposed Permanent Drainage Easement	-----
Proposed Permanent Drainage/Utility Easement	-----
Proposed Permanent Utility Easement	-----
Proposed Temporary Utility Easement	-----
Proposed Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	-----
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊞
Pavement Removal	-----

VEGETATION:

Single Tree	⊙
Single Shrub	⊙
Hedge	-----

Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	Bridge, Tunnel or Box Culvert	-----
MINOR:	Bridge Wing Wall, Head Wall and End Wall	-----
	Head and End Wall	-----
	Pipe Culvert	-----
	Footbridge	-----
	Drainage Box: Catch Basin, DI or JB	-----
	Paved Ditch Gutter	-----
	Storm Sewer Manhole	-----
	Storm Sewer	-----

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:	Existing Power Pole	-----
	Proposed Power Pole	-----
	Existing Joint Use Pole	-----
	Proposed Joint Use Pole	-----
	Power Manhole	-----
	Power Line Tower	-----
	Power Transformer	-----
	U/G Power Cable Hand Hole	-----
	H-Frame Pole	-----
	U/G Power Line Test Hole (SUE - LOS A)*	-----
	U/G Power Line (SUE - LOS B)*	-----
	U/G Power Line (SUE - LOS C)*	-----
	U/G Power Line (SUE - LOS D)*	-----

TELEPHONE:

Existing Telephone Pole	-----
Proposed Telephone Pole	-----
Telephone Manhole	-----
Telephone Pedestal	-----
Telephone Cell Tower	-----
U/G Telephone Cable Hand Hole	-----
U/G Telephone Test Hole (SUE - LOS A)*	-----
U/G Telephone Cable (SUE - LOS B)*	-----
U/G Telephone Cable (SUE - LOS C)*	-----
U/G Telephone Cable (SUE - LOS D)*	-----
U/G Telephone Conduit (SUE - LOS B)*	-----
U/G Telephone Conduit (SUE - LOS C)*	-----
U/G Telephone Conduit (SUE - LOS D)*	-----
U/G Fiber Optics Cable (SUE - LOS B)*	-----
U/G Fiber Optics Cable (SUE - LOS C)*	-----
U/G Fiber Optics Cable (SUE - LOS D)*	-----

WATER:

Water Manhole	-----
Water Meter	-----
Water Valve	-----
Water Hydrant	-----
U/G Water Line Test Hole (SUE - LOS A)*	-----
U/G Water Line (SUE - LOS B)*	-----
U/G Water Line (SUE - LOS C)*	-----
U/G Water Line (SUE - LOS D)*	-----
Above Ground Water Line	-----

TV:

TV Pedestal	-----
TV Tower	-----
U/G TV Cable Hand Hole	-----
U/G TV Test Hole (SUE - LOS A)*	-----
U/G TV Cable (SUE - LOS B)*	-----
U/G TV Cable (SUE - LOS C)*	-----
U/G TV Cable (SUE - LOS D)*	-----
U/G Fiber Optic Cable (SUE - LOS B)*	-----
U/G Fiber Optic Cable (SUE - LOS C)*	-----
U/G Fiber Optic Cable (SUE - LOS D)*	-----

GAS:

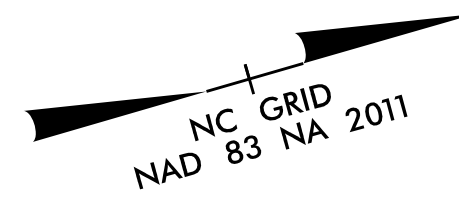
Gas Valve	-----
Gas Meter	-----
U/G Gas Line Test Hole (SUE - LOS A)*	-----
U/G Gas Line (SUE - LOS B)*	-----
U/G Gas Line (SUE - LOS C)*	-----
U/G Gas Line (SUE - LOS D)*	-----
Above Ground Gas Line	-----

SANITARY SEWER:

Sanitary Sewer Manhole	-----
Sanitary Sewer Cleanout	-----
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Force Main Line Test Hole (SUE - LOS A)*	-----
SS Force Main Line (SUE - LOS B)*	-----
SS Force Main Line (SUE - LOS C)*	-----
SS Force Main Line (SUE - LOS D)*	-----

MISCELLANEOUS:

Utility Pole	-----
Utility Pole with Base	-----
Utility Located Object	-----
Utility Traffic Signal Box	-----
Utility Unknown U/G Line (SUE - LOS B)*	-----
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	-----
AG Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	-----
Abandoned According to Utility Records	-----
End of Information	-----



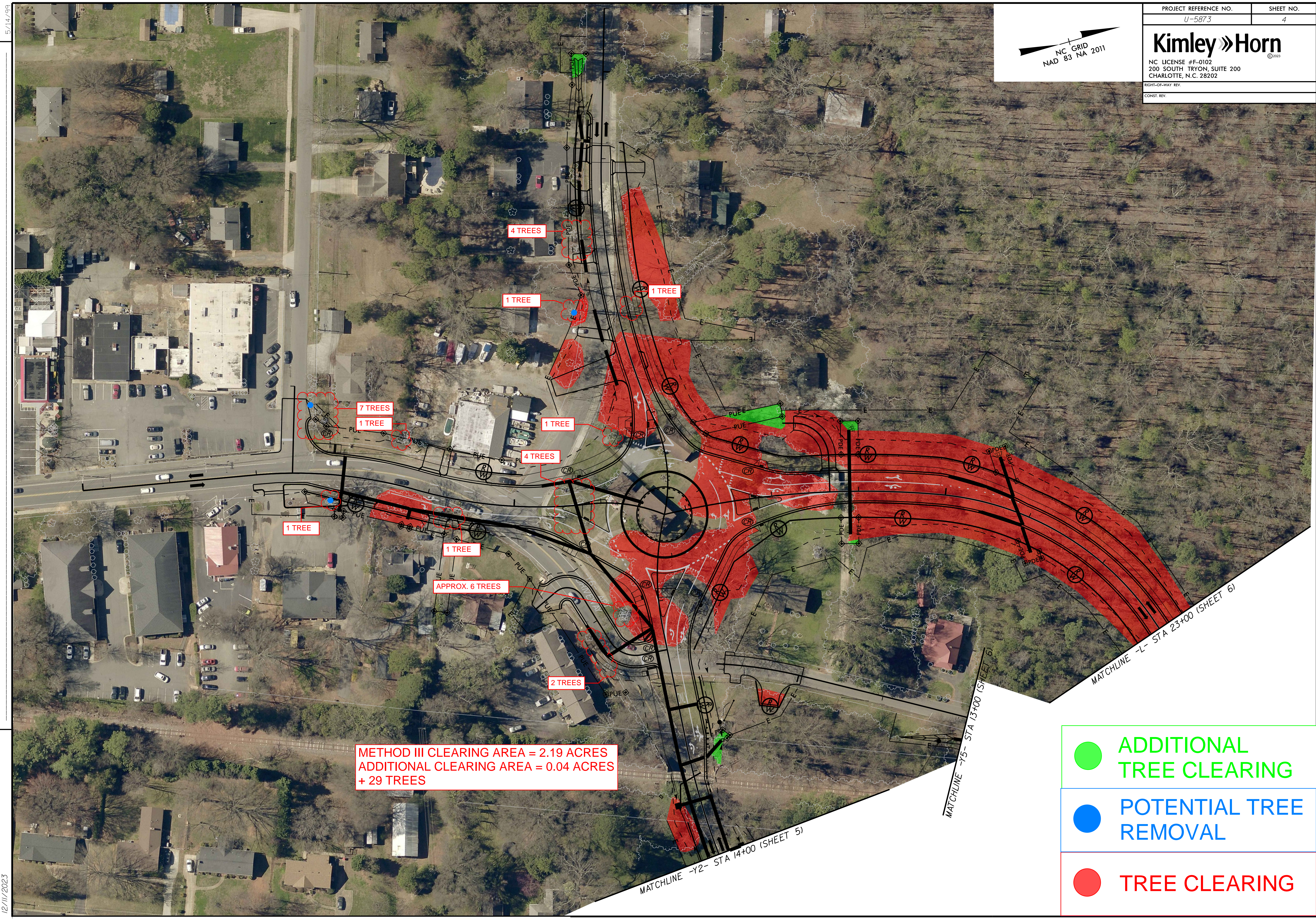
Kimley»Horn

NC LICENSE #F-0102
200 SOUTH TRYON, SUITE 200
CHARLOTTE, N.C. 28202

RIGHT-OF-WAY REV.
CONST. REV.

5/14/99

REVISIONS



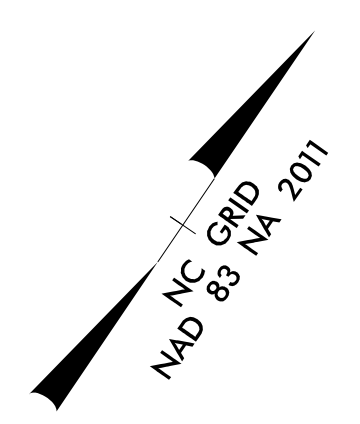
**METHOD III CLEARING AREA = 2.19 ACRES
ADDITIONAL CLEARING AREA = 0.04 ACRES
+ 29 TREES**

**● ADDITIONAL
TREE CLEARING**

**● POTENTIAL TREE
REMOVAL**

● TREE CLEARING

12/11/2023

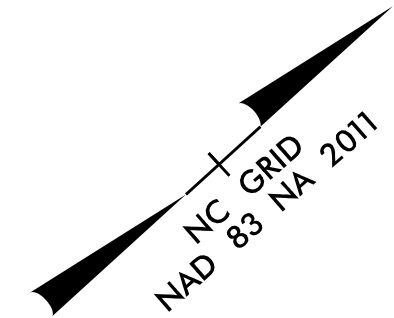


 **POTENTIAL TREE
REMOVAL**

REVISIONS

5/14/99

10/2/2023



5/14/99

REVISIONS

R/W REV. - 10/13/21 - EASEMENT & ROW UPDATED PARCELS 16 AND 24

10/2/2023

MATCHLINE -15- STA 13+00 (SHEET 4)

MATCHLINE -L- STA 23+00 (SHEET 4)

METHOD III CLEARING AREA = 0.65 ACRES

 TREE CLEARING

