

This Task Order pertains to an Agreement by and between Union County, North Carolina ("OWNER"), and CES Group Engineers, LLP ("CONSULTANT"), dated August 1, 2024 ("the Agreement"). CONSULTANT shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below:

\* or "CES"

Int \_\_\_\_\_

**TASK ORDER NUMBER:** 9120-01

**RELATED RFQ NUMBER:** RFQ2024-079

**PROJECT NAME:** US 74 & Indian Trail-Fairview Road Sewer

Part 1.0 Project Description: Topographical location of a portion of Indian Trail-Fairview Rd and East Independence Blvd – See Attachment A

Part 2.0 Basic Scope of Services: Topographical/Planimetric Survey Services—See Attachment A (attached herein and incorporated by reference) 10 Easement Plats and 10 Test Holes—See Attachment A, As-built Newly Constructed Sanitary Sewer Structures

Part 3.0 Additional Services: Any services not outlined in Part 2.0 – Basic Scope of Services

Part 4.0 Owner's Responsibilities: Not Used

Part 5.0 Period of Service: Start of Field Work within 2 business days of NTP, duration for field and office work would be 18 to 25 business days.

Part 6.0 Payment to Consultant: Payment for Basic Services shall be on a lump sum and per diem basis not to exceed the total amount of \$80,740.00 without a fully executed amendment to this task order.

Topographic Survey	Lump Sum	\$39,500.00
10 Easement Plats	Per Plat (\$1,500)	\$15,000.00
10 SUE Test Holes	Per Hole (\$1,200)	\$12,000.00
Traffic Control	Not-To-Exceed	\$10,000.00
As-built Survey	Lump Sum	\$4,240.00

This Task Order Executed this \_\_\_\_\_.

Owner: Union County,  
North Carolina

By: \_\_\_\_\_

Name: Brian W. Matthews

Title: County Manager

Approved as to Legal Form: BTI

Consultant: CES Group Engineers, LLP

By: Michael Case

Digitally signed by Michael Case  
DN: C-US, E=mcase@ces-group.net,  
O=Survey, OU=Geomatics, CN=Michael Case  
Date: 2025-01-17 13:17:29-05'00'

Name: Michael D. Case

Title: Regional Survey Operations Manager

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

\_\_\_\_\_, Deputy Finance Officer

Address: 500 N. Main St.  
Monroe, NC 28112

Address: 3525 Whitehall Park Dr., Ste 150  
Charlotte, NC 28273

## **ATTACHMENT A**

\*which is incorporated herein  
by reference

Int \_\_\_\_\_

Scope of Basic Services: (See attached map for survey limits\*)

- US 74 between Indian Trail-Fairview Road and Starbucks driveway - include both directions of left turn/U-turn lanes in center of road of US 74
- 75 feet behind roadway curb and gutter (C&G) along the north side of Indian Trail-Fairview Road from centerline of US 74 to rear property line 1001 Van Buren Avenue – include concrete islands on both roads so design can prepare lane shifts and detours
- Roadway right-of-way (ROW) along south side of Indian Trail-Fairview Road at frontage of Chick-fil-a
- 250 feet behind roadway C&G along south side of Indian Trail-Fairview Road between Chick-fil-a building and shopping center building – need existing sewer (including rim and inverts of each structure), underground utilities, and surface information for possible sewer relocation
- Roadway ROW along south side of Indian Trail-Fairview Road at frontage of First Baptist Church/Metrolina Christian Academy property including parking areas – between Peace Drive and Gary Drive
- 75 feet behind roadway C&G along Indian Trail-Fairview Road from Gary Lane to asphalt driveway “beyond” ditch and existing sewer outfall
- Existing sewer outfall sewer alignment between Indian Trail-Fairview Road and Paula Drive (175 feet north of and parallel to Gary Drive) – include downstream sewer manhole near the intersection of Gary Drive and Paula Lane
- Gary Drive between Indian Trail-Fairview Road and Paula Lane – entire roadway ROW
- CES field personnel will establish GPS control points within the above-described survey limits
- 50-ft cross-section intervals along the streets will be conducted to capture pertinent information
- Property corner ties to 20 parcels will be performed to determine ROW
- 10 Easement Plats will be considered as part of the scope
- Ten (10) Test Holes with a depth of up to eight (8) feet will be considered as part of the scope
- As-built of new installed sanitary sewer manholes with elevation of rim and inverts with an electronic AutoCAD drawing and signed and sealed PDF indicating manhole data including distance between manholes with pipe slopes

Items to be collected during field observations and mapped:

- Standard surface features for sewer line work
- Underground and above-ground utilities
- Storm drainage structures, including detention pond to survey limits
- Road striping (not necessary in parking lots)
- Traffic signal inductive loops and associated wiring and boxes
- CES will provide an electronic base map in AutoCAD format indicating parcel boundaries, topographic/planimetric features and utility locations (marked by 811 ticket) within the designated survey limits and will include an XML file

FAIRVIEW-INDIAN TRAIL SEWER

