



November 8, 2024

Mr. Marvin H. Dawson III, PLS  
SCDOT  
955 Park St.  
Columbia, South Carolina 29201

**Re: Certification Letter for SUE Investigation**  
00349-W-4 CCR I20 PH3 ESP SUE QLA Supplemental no.1 – AT&T Fiber  
Columbia, SC  
ESP Project # 24-00642

Dear Mr. Dawson:

ESP conducted a SUE Quality Level B (QL-B) investigation to confirm the horizontal and approximate vertical position of a specific AT&T fiber optic duct run in Columbia, SC. ESP Field crews were able to detect the fiber optic run using electromagnetic pipe and cable locating equipment to confirm the horizontal position and that the signal was repeatable and reliable as originally designated and mapped by others.

The electronic depth measurements were taken at regular intervals such that the variation detected was “realistic” based on the suspected installation methods for this utility. Based on the location of the utility and the proximity to other utilities in the area, we believe the depth readings to be within 15% of actual depth at the locations noted.

- Location 1 – 6’- 7’ below ground surface
- Location 2 – 7’- 8’ below ground surface

It should be noted that when utility depths are provided by noninvasive methods such as GPR and EM systems, these depths are approximate and therefore should not be relied upon for precise design, conflict determination, or damage prevention purposes. These depth estimates should be confirmed in all cases where precise measurements are needed. The depths provided by instruments are calculated depths and not necessarily a measurement to the top of the utility. Factors affecting the precision of instrument-derived depth measurements include utility type and material, utility depth, utility congestion/signal bleed, soil conditions, type of cover, instrument type, and cultural interferences.

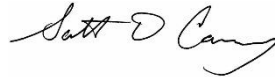
*November 8, 2024*

ESP appreciates the opportunity to support your project. Please contact us with any questions regarding this investigation.

Sincerely,



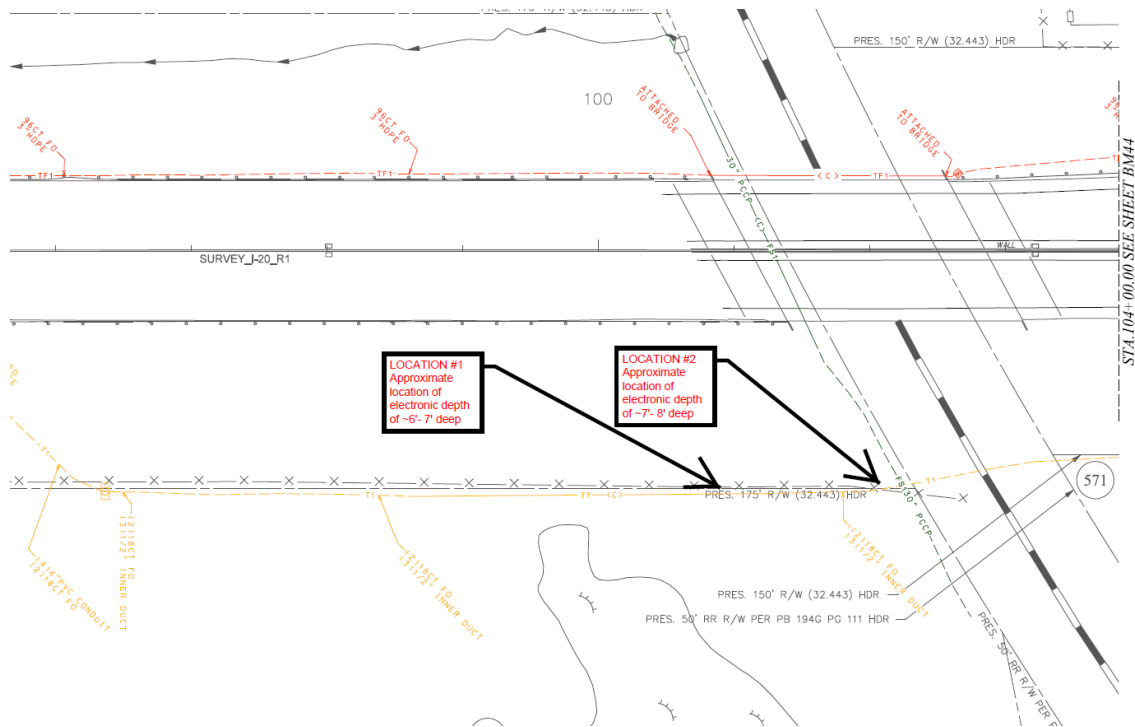
William Dovell  
SUE Department Manager  
Attachments: Investigation Area, Site Photos



Scott D. Carney, P.E.  
SUE Division Manager

November 8, 2024

## Investigation Area



*November 8, 2024*

## **Site Photos**



