



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT McCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

January 29, 2013

TIP: U-2519CB
WBS Element: 34817.1.2
County: Cumberland
Description: Fayetteville Outer Loop from South of SR 1400
(Cliffdale Road) to East of SR 1415 (Clearwater Road)

MEMORANDUM TO: Raphael Marshall, Division Agent, Division 6 Right of Way
Office

FROM: Cyrus F Parker, LG, PE
GeoEnvironmental Supervisor
GeoEnvironmental Section
Geotechnical Engineering Unit

SUBJECT: Right of Way Recommendations
Parcel 021 Bell, Robert A. & Bell, James R./Koceja, Brett &
Daniel
Parcel 002 (AKA Parcel 006) Fort Bragg Military Reservation

The GeoEnvironmental Section offers the following Right of Way comments and recommendations for each parcel based on the two (2) attached Preliminary Site Assessments (PSAs).

Parcel 002 (AKA Parcel 006) Fort Bragg Military Reservation (former gas station)

The site of this former gas station lies on approximately one (1) acre within the extensive Fort Bragg Military Reservation. The site is located on the west side of Yadkin Road. The PSA dated November 5, 2012 conducted by S&ME for the NCDOT revealed one (1) probable underground storage tank (UST) may lie on the site of the former gas station at approximate station 988+50-L-, 40 feet right. If confirmed to be present, it must be removed before construction by a specialty contractor. Another UST(s) was identified on the Fort Bragg Military Reservation straddling the property boundary of Fort Bragg Military Reservation and Parcel 021.

Eleven (11) soil samples were taken on the site of this former gas station at the Fort Bragg Military Reservation. Petroleum contamination exceeding the NCDENR action level was identified in two (2) samples. These results suggest the presence of approximately 200 cubic yards of petroleum-contaminated soils. Approximately 80 cubic yards of petroleum impacted soils may require excavation during construction. Acquisition of the right of way along this property should be acquired as permanent easement with no money withheld.

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Currently this site is a wooded, vacant lot south of the Fort Bragg Military Reservation located on the northwest quadrant of the intersection of Yadkin Road and Fillyaw Road. The November 5, 2012 PSA conducted by S&ME for the NCDOT revealed three (3) probable USTs within the approximate 0.7-acre proposed easement. The USTs appear to be straddling the property boundary between Parcel 021 and the Fort Bragg Military Reservation located to the north. If confirmed to be present, the UST(s) must be removed before construction by a specialty contractor.

Ten (10) soil samples were taken on Parcel 021. Petroleum compounds exceeding the NCDENR action level were identified in seven (7) samples. These results suggest the presence of up to 1,800 cubic yards of petroleum contaminated soils. None of the contaminated soil requires excavation to achieve the current design of roadway and drainage features. However, if underground utilities require installation in the easement, some contamination impacted soils may require removal. Acquisition of the right of way along this property should be acquired as permanent easement with no money withheld.

If acquisition of additional right of way attached to any of the above-described properties is desired by the Department, this office should be contacted so supplemental assessment work can be performed. Please contact me at (919) 707-6868 if you have any questions or comments concerning these sites or our assessment work on them.

CFP:ghb

cc

R.M. Abbott, Jr. Assistant State Negotiator, Right of Way Branch

Greg Burns, PE, Division 6 Engineer

Brenda Moore, Roadway Project Design Engineer