



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 14, 2018

MEMORANDUM TO: David Stark, PE
Priority Projects Unit

FROM: Dennis G. Li, Ph.D., LG
GeoEnvironmental Project Engineer
GeoEnvironmental Section
Geotechnical Engineering Unit

DocuSigned by:
Dennis Li
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2/15/2018

TIP NO: I-5870
WBS: 46307.1.1
COUNTY: WAKE
DIVISION 5

DESCRIPTION: The project includes a new interchange to connect Ridge Road to Crabtree Valley Avenue and the re-alignment of the existing I-440/US 1 interchange with US 70 (Glenwood Avenue) in Raleigh.

SUBJECT: Pre-Scoping Comments

The GeoEnvironmental Section performed a record search of readily available information for the given project study area to identify known and potential sites of concern. One (1) Superfund site, one (1) dry cleaner site and six (6) UST facilities were identified within the project study area. Refer to the attached table and figure for site of concern and its anticipated impacts.

A detailed Phase I study of the preferred alternative should be performed to field verify the hazardous waste sites and identify unknown sites. This detailed Phase I study should be included in the environmental document.

If there are questions regarding the geoenvironmental issues, please contact me, at 919-707-6857.

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer
Stephen R. Morgan, PE, State Hydraulics Engineer
Andrew McDaniel, PE, Stormwater NPDES Permit Program - Engineering Supervisor
Brain Hanks, PE, State Structures Engineer
Dale Burton, PE, PLS, State Locations and Surveys Engineer

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH, NC 27699-1589

Telephone: (919) 707-6850
Customer Service: 1-877-368-4968
Website: www.ncdot.gov

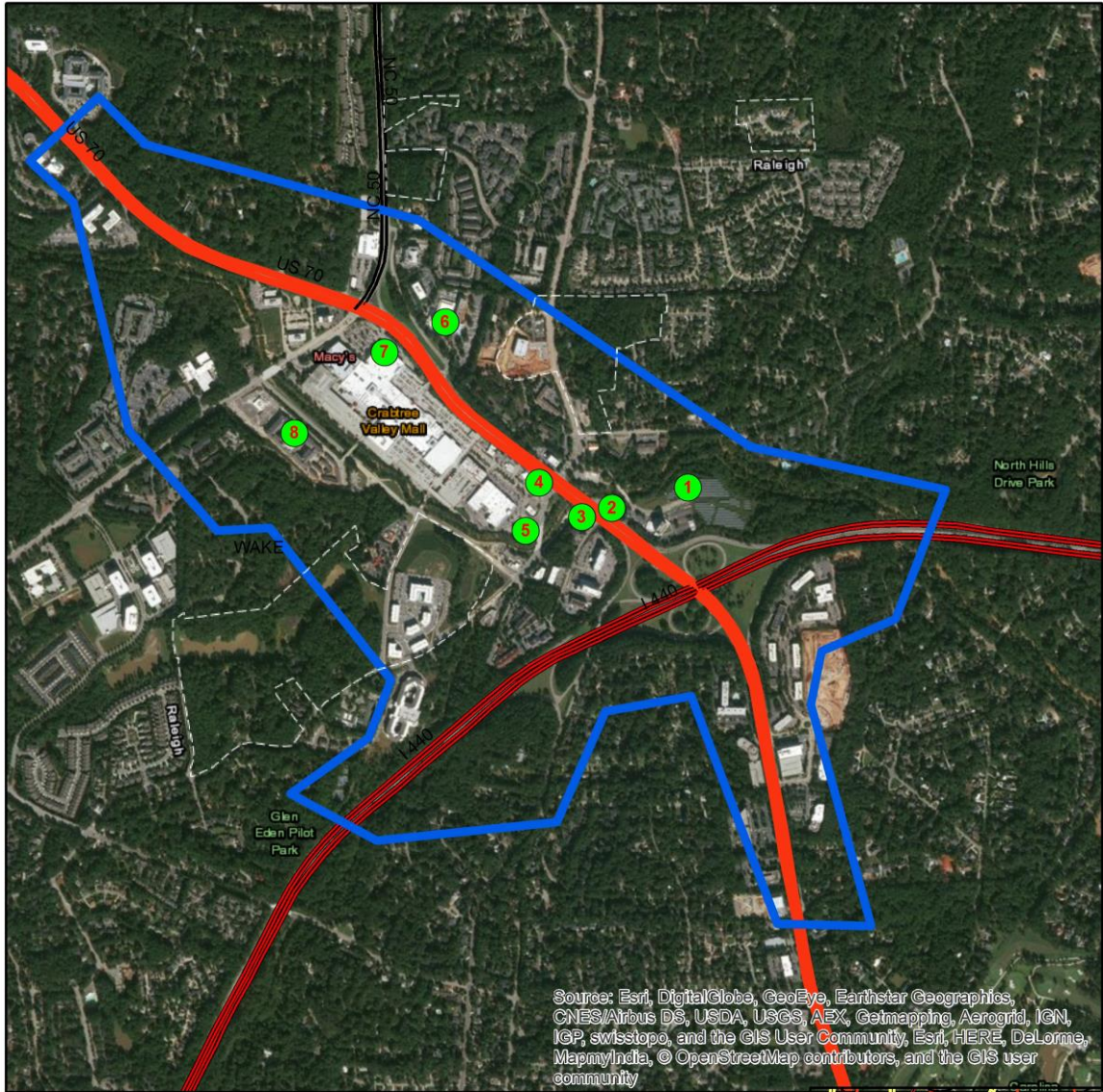
Location:
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

Carl Barclay, PE, State Utilities Manager
Boyd Tharrington, PE, Division 5 Construction Engineer
Kathy Smith, Division 5 Right of Way Agent
Chris Kreider, PE, Geotechnical Regional Manager
Neil Roberson, LG, Regional Geological Engineer
Steve Grimes, ROW Unit, Negotiations, State Negotiator
row-notify@ncdot.gov
roadwaydesign@ncdot.gov
File

Site #	Type	Location	UST FACILITY ID	Property Name	UST Owner/ Property Owner Name	Anticipated Impact	Anticipated Risk	Comments
1	Superfund	2100 CENTURY DR, RALEIGH NC 27612	N/A	Former HOWARD JOHNSON'S/CRABTREE VALLEY	J T HOBBY & SON INC; PO BOX 18506, RALEIGH, NC 27619	Hazardous Materials	HIGH	HAZ SUBSTANCE DISPOSAL SITES, SUPERFUND AREA-NC; NON CD0001170
2	UST	4120 GLENWOOD AVE, RALEIGH NC 27612	00-0-0000006068	HAN-DEE HUGO'S BP	SAMPSON BLADEN OIL CO INC; PO BOX 469, Clinton, NC 28329	Petroleum	LOW	HAN DEE HUGO #47 (PPB BENZENE WAS FOUND IN MONITOR WELLS.); GWI# 17222
3	UST	4123 GLENWOOD AVE, RALEIGH NC 27612	00-0-0000006181	WHALEN'S BP	MRAC-III LLC; 1213 KEITH RD, WAKE FOREST, NC 57587	Petroleum	LOW	BP Gas station (Former Ameco #825);GWI# 13029
4	UST	4313 GLENWOOD AVE, RALEIGH NC 27612	00-0-0000005115	CHARLES SCHWAB	JAGUAR LLC; 2840 PLAZA PL STE 100, RALEIGH, NC 27612	Petroleum	LOW	Former EXXON 4-6215 CRABTREE VALLEY; GWI# 3536
5	UST	4325 GLENWOOD AVE, RALEIGH NC 27612	00-0-0000021265	JUST FOR TIRES	CVM HOLDINGS LLC; 2840 PLAZA PL STE 100, RALEIGH, NC 27612	Petroleum	LOW	GOODYEAR TIRE CENTER; GWI# 26094

6	UST	4408 CRABTREE MARRIOT, RALEIGH NC 27612	00-0- 0000025238	RALEIGH MARRIOTT CRABTREE VALLEY	CRP-GREP OVERTURE CRABTREE OWNER, LLC; 1001 PENNSYLVANIA AVE NW, WASHINGTON, DC 20004	Petroleum	LOW	UST removed in 1998, Closed out in 2000; GWI# 13968
7	UST	4601 GLENWOOD AVE, RALEIGH NC 27612	0-006922	SEARS. ROEBUCK AND CO.	U S BANK TRUST NATIONAL ASSOC; 3333 BEVERLY RD # B2-094A, HOFFMAN ESTATES, il 60179	Petroleum	LOW	6000 gallons UST installed in 1972 and closed in 1988; GWI# 12398
8	Dry cleaner	4434 CREEDMORE ROAD, RALEIGH NC 27612	N/A	MEDLIN DAVIS CLEANERS	CRABTREE APARTMENTS LLC; 1400 POST OAK BLVD, SUITE 500, HOUSTON, TX 77056	Solvent	MEDIUM	Former Dry Cleaner; GWI# 92002

Appendix A
Location of GeoEnvironmental Sites of Concern



Project 46307.1.1 (TIP # I-5870)
The project includes a new interchange to connect
Ridge Road to Crabtree Valley Avenue and the
re-alignment of the existing I-440/US 1 interchange
with US 70 (Glenwood Avenue) in Raleigh



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