



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

May 9, 2013

MEMORANDUM TO: William T. Goodwin, PE
Project Development-Bridge Section - Section Head
Project Development and Environmental Analysis Branch

ATTN: Greg M. Blakeney
Project Development Engineer

FROM: Terry W. Fox, LG *TW Fox*
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: B-5353
WBS: 46067.1.1
COUNTY: Guilford
DIVISION 7
DESCRIPTION: Replace Bridge 147 on US 29/US70/I-85 BUS over US 311

SUBJECT: **GeoEnvironmental Report for Planning**

The GeoEnvironmental Section has completed the GeoEnvironmental Report for Planning. This report has the following components and is transmitted as:

X Hazardous Materials Report (6) pages

Please contact me if you have any questions concerning this project.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
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RALEIGH NC 27699-1589

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FAX: 919-250-4237

www.ncdot.gov/doh/preconstruct/highway/geotech

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

Hazardous Materials Report

The GeoEnvironmental Section of the Geotechnical Engineering Unit has investigated the above referenced project to identify hazardous material sites for inclusion in the environmental document.

HAZARDOUS MATERIALS EVALUATION

Purpose

This section presents the results of a hazardous material evaluation conducted along the above referenced project. The main purpose of this investigation is to identify properties within the project study area that are or may be contaminated and therefore result in increased project costs and future liability if acquired by the Department. Hazardous material impacts may include, but are not limited to, active and abandoned underground storage tank (UST) sites, hazardous waste sites, regulated landfills and unregulated dumpsites.

Techniques/Methodologies

The Geographical Information System (GIS) was consulted to identify known sites of concern in relation to the project corridor. GeoEnvironmental Section staff conducted a field reconnaissance within the project limits on May 2, 2013. A search of appropriate environmental agencies' databases was performed to assist in evaluating sites identified during this study.

Findings

UST Facilities

Based on our study, two (2) sites may contain petroleum USTs within the project limits.

Hazardous Waste Sites

No Hazardous Waste Site was identified within the project limits.

Landfills

No apparent landfills were identified within the project limits.

Other GeoEnvironmental Concerns

No geoenvironmental concerns were identified within the project limits.

Anticipated Impacts

Two (2) possible UST facilities were identified within the proposed project limits. We anticipate low monetary and scheduling impacts resulting from these sites. (See the following table and appendices for details)

Known and Potential Hazardous Material Sites

1)	Property Name Christos Global Cathedral Happy Rentz 125 NW Cloverleaf Place High Point, NC 27260	Property Owner: Gail H. Hodgin 548 Hodgin Valley Road Pleasant Garden, NC 27313
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This active church is located in the western quadrant of the US 29/US70/I-85 BUS and US 311 (S. Main Street) interchange. Happy Rentz previously operated at this location. The structure, originally built in 1920 has been modified several times and occupied by numerous businesses. There is the potential that USTs are present on this property. This parcel does not appear on the UST Section Registry nor are any ground water incidents associated with this location. **This site is anticipated to present low geoenvironmental impacts to the project.**

2) **Property Name**
 Best Auto Used Tires
 MGM Auto Sales, Inc.
 2107-2111 S. Main Street
 High Point, NC 27260
Facility ID #: 0-010470
Incident #: 06333

Property Owner:
 John H. & Margaret J. Herke
 212 Heron Cove Road
 Denton, NC 27239

UST Owner:
 Kennedy Oil Co, Inc.
 1203 Courtesy Road
 High Point, NC 27262



These active businesses are located in the eastern quadrant of the US 29/US70/I-85 BUS and US 311 (S. Main Street) interchange. Hyder's Fork Lift Repair previously operated from the Best Auto Tire location. The fenced in area to the northwest of the building contains tires, junk vehicles and automotive parts. To the southeast of this business is MGM Auto Sales. MGM operates out of a former gas station (Furniture City Gulf). According to the UST Section Registry four (4) tanks were removed in 1990. Ground Water Incident 06333 was assigned to this facility in 1995. **This site is anticipated to present low geoenvironmental impacts to the project.**

Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernible during the project reconnaissance may occur. The GeoEnvironmental Section should be notified immediately after discovery of such sites so their potential impact(s) may be assessed.

If there are questions regarding the geoenvironmental issues, please contact me, at 919-707-6870.



Terry W. Fox, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

File

TIP: B-5353

Site Photographs

5/2/13



Bridge 147 on US 29/US70/I-85 BUS over US 311 (S. Main Street). View to the northwest.



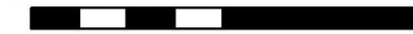
Bridge 147 on US 29/US70/I-85 BUS over US 311 (S. Main Street). View to the southeast.

Appendix A
Location of USTs, Landfills, & Other Potentially Contaminated Sites



Project 46067.1.1 (TIP # B-5353)
 Bridge # 147 on US 29/70/I-85 Bus over US 311
 Guilford County

500 250 0 500 Feet



NC Department of Transportation
 Geotechnical Engineering Unit
 GeoEnvironmental Section

