



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

July 12, 2013

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

ATTN: Tracy Walter
Project Development Engineer

FROM: Gordon Box, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: B-4838
WBS: 38608.1.1
COUNTY: Wayne
DIVISION 4
DESCRIPTION: Replace Bridge 20 over the CSX Transportation Railroad Tracks on US 70

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 (5) pages

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

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
GEOENVIRONMENTAL SECTION
1589 MAIL SERVICE CENTER
RALEIGH NC 27699-1589

TELEPHONE: 919-707-6850
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 could 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 along the Bridge 20 over the CSX Transportation Railroad Tracks on US 70 on July 11, 2013. A search of appropriate environmental agencies' databases was performed to assist in evaluating sites identified during this study.

Findings

UST Facilities

One (1) petroleum site was identified within the project limits.

Hazardous Waste Sites

No Hazardous Waste Sites were identified within the project limits.

Landfills

No apparent landfills were identified within the project limits.

Other GeoEnvironmental Concerns

No other geoenvironmental concerns were identified within the project limits.

Anticipated Impacts

The GeoEnvironmental Section observed one (1) potentially contaminated property during the field reconnaissance and regulatory agencies' records search.

1)	Property Name	Property Owner
	Franklin Baking Company 500 Grantham St. Goldsboro, NC 27530 Facility ID: 0-005343 Groundwater Incident ID: 19975	Franklin Baking Company, LLC 500 Grantham St. Goldsboro, NC 27530



This active bakery is located on southwest corner of the intersection of Grantham St. and North Carolina St. This parcel appears on the UST Section Registry as having had five (5) USTs. A Groundwater Incident is associated with this site. There is no evidence of USTs or UST removals along the proposed project corridor. Two (2) above ground storage tanks are evident on site. (View of photo is toward the southwest.) **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.

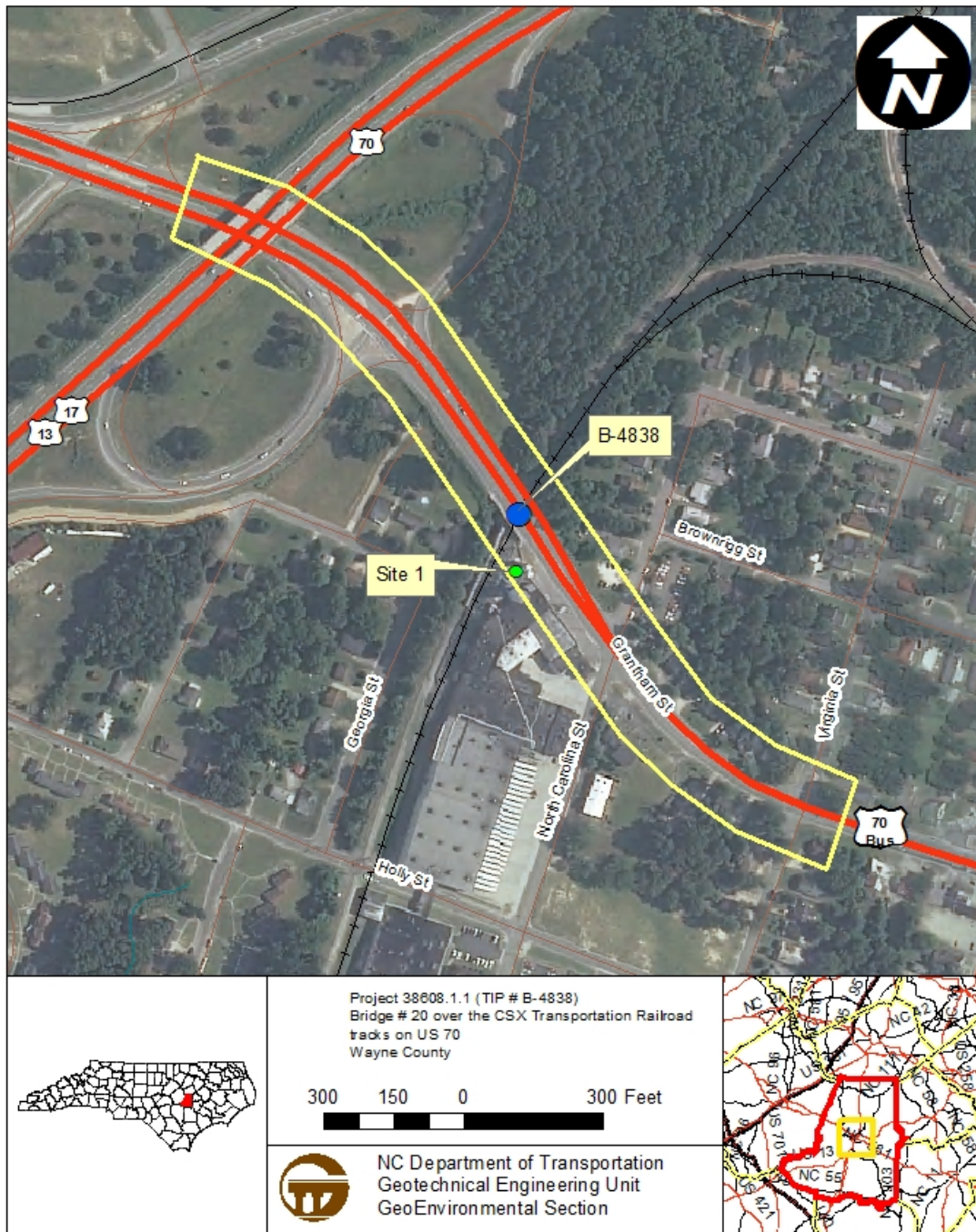
If there are questions regarding the geoenvironmental issues, please contact me, at 919-707-6859.

Gordon Box, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

Cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer
David Chang, Ph.D, PE, State Hydraulics Engineer
Tom Koch, PE, Assistant State Structures Engineer
Charles Brown, PE, PLS, State Locations and Surveys Engineer
Kevin Bowen, PE, Area Bridge Construction Engineer
Lloyd Johnston, Division Right of Way Agent
K.J. Kim, PE, Geotechnical Regional Manager
Neil Roberson, LG, Regional Geological Engineer
Dennis Li, Ph.D, LG, Production Support Supervisor
File

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



TIP: B-4838

Bridge Photographs

7/11/13



Bridge 20 over the CSX Transportation Railroad Tracks on US 70. View to the southeast.



Bridge 20 over the CSX Transportation Railroad Tracks on US 70. View to the northwest.



View of CSX Transportation Railroad Tracks from Bridge 20 toward the north.



View from Bridge 20 toward the south.