



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.  
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

GARLAND B. GARRETT JR.  
SECRETARY

March 20, 1997

STATE PROJECT: 8.2940501 (B-3189)  
COUNTY: Haywood  
DESCRIPTION: Bridge 272 over Norfolk Southern Railroad on SR 1643

SUBJECT: **GeoEnvironmental Impact Study  
Hazardous Material Evaluation**

### Purpose

This report presents the results of a "GeoEnvironmental Impact Study" conducted along the above referenced project. The main purpose of this investigation is to identify properties within the project study area that may contain hazardous materials and result in future environmental liability if acquired. These hazards may include, but are not limited to: USTs, hazardous waste sites, regulated landfills and unregulated dump sites.

### Methodology

A field reconnaissance survey was conducted in the vicinity of the existing bridge. In addition to the field survey, a file search of appropriate environmental agencies was conducted to identify any known problem sites along the proposed project alignment.

### Underground Storage Tank (UST) Facilities

Based on the field reconnaissance survey, one (1) facility with the possibility for USTs was identified in the vicinity of the project. A brief description of this site is as follows:

1) Coastal Lamp Manufacturing, Inc.  
35 Church Street  
Canton, NC 28716

UST Owner: Marshall Gann  
8 Oak Park  
Clyde, NC 28721

Facility I.D. # : None

This business is located on the east side of SR 1673, south of Bridge 272. The facility manufactures lamps which are shipped all over the world and has operated at the site for approximately 15 years. There is some painting involved, but this appears to be a small part of the operation. Prior to the lamp business a distributor (of household goods) operated at the site and before that a car dealership operated on the property. A fill port for a UST was found at the site and is approximately 19 meters from the southern end of the bridge. The tank is about 7 meters from the center line of SR 1643. The site does not appear to be under remediation at this time.

#### **Landfills and Other Potentially Contaminated Properties**

The Geographical Information Service (GIS) was consulted for the project corridor. The research shows that no regulated or unregulated landfills or dumpsites occur within the project limits. It did identify one Superfund site in the vicinity:

- 1)           Champion International/Canton  
              Superfund ID # NCD003148889  
              Newfound Street  
              Canton, NC 28716

This large paper mill is northwest of Bridge 272. It is located west of Main Street and Bridge Street and south of Fiberville Drive. The facility originally became a Superfund site about 1988 because of dioxins in wastewater released into the Pigeon River. They modified their processing so the dioxins were eliminated. The site was removed from Environmental Protection Agency's (EPA's) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list as a potential hazardous waste site in August of 1995. While there are no USTs listed for the site, there are many aboveground storage tanks (ASTs) on the property. Most of these contain petroleum products and there have been many spills and leaks in the vicinity of the ASTs. Groundwater has been impacted at the facility and there are many monitoring wells on the property. While this site is in the vicinity of the bridge project, because of the distance of the spills/leaks from the bridge and the fact that groundwater flow is away from the bridge, it should pose no environmental impacts to the project.

Based on the field reconnaissance and records search, there should be no further environmental conflicts other than those mentioned in this report, which could potentially impact this project.

Roadway design should avoid or limit the proposed right-of-way encroachment at these sites, because of potential environmental liabilities for proper cleanup and remediation if contamination exists. If the sites cannot be avoided, a "Preliminary Site Assessment" should be performed prior to right-of-way acquisition to determine the existence and extent of any contamination. This assessment will also be used by the Department to estimate the associated clean up costs.

Sincerely,



Eugene Tarascio  
Project Environmental Geologist  
Geotechnical Unit/GeoEnvironmental Section

cc: Sandra Stepney, P.E., Roadway Design Unit  
Jim West, Right-of-Way Branch