

GeoEnvironmental Impact Evaluation Addendum to Report dated January 21,2004

Project: 34871.1.1 (TIP #: U-2826B)
US 52 From I-40 Bypass to NC 66
Forsyth County

Purpose

This addendum presents the results of a geoenvironmental impact evaluation conducted along Martin Luther King Jr. Boulevard on the above referenced project. This report is an addendum to the January 21, 2004 GeoEnvironmental Impact Evaluation and a supplement to the Kimley Horn Environmental Screening Report dated November 21, 2003. 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. Geoenvironmental 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 Used

The Geographical Information System (GIS) was consulted to identify known environmentally impacting sites in relation to the project corridor. GeoEnvironmental Section personnel conducted a field reconnaissance survey along the project corridor on June 20, 2007. A search of appropriate environmental agencies' databases was performed to assist in evaluating sites identified during this survey.

Findings

Underground Storage Tank (UST) Facilities

Based on our study, 11 sites presently or formerly containing petroleum underground storage tanks (USTs) were identified within the project limits (see Appendix A).

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

A racecar shop was identified as a possible GeoEnvironmental Concern within the project limits.

Anticipated Impacts

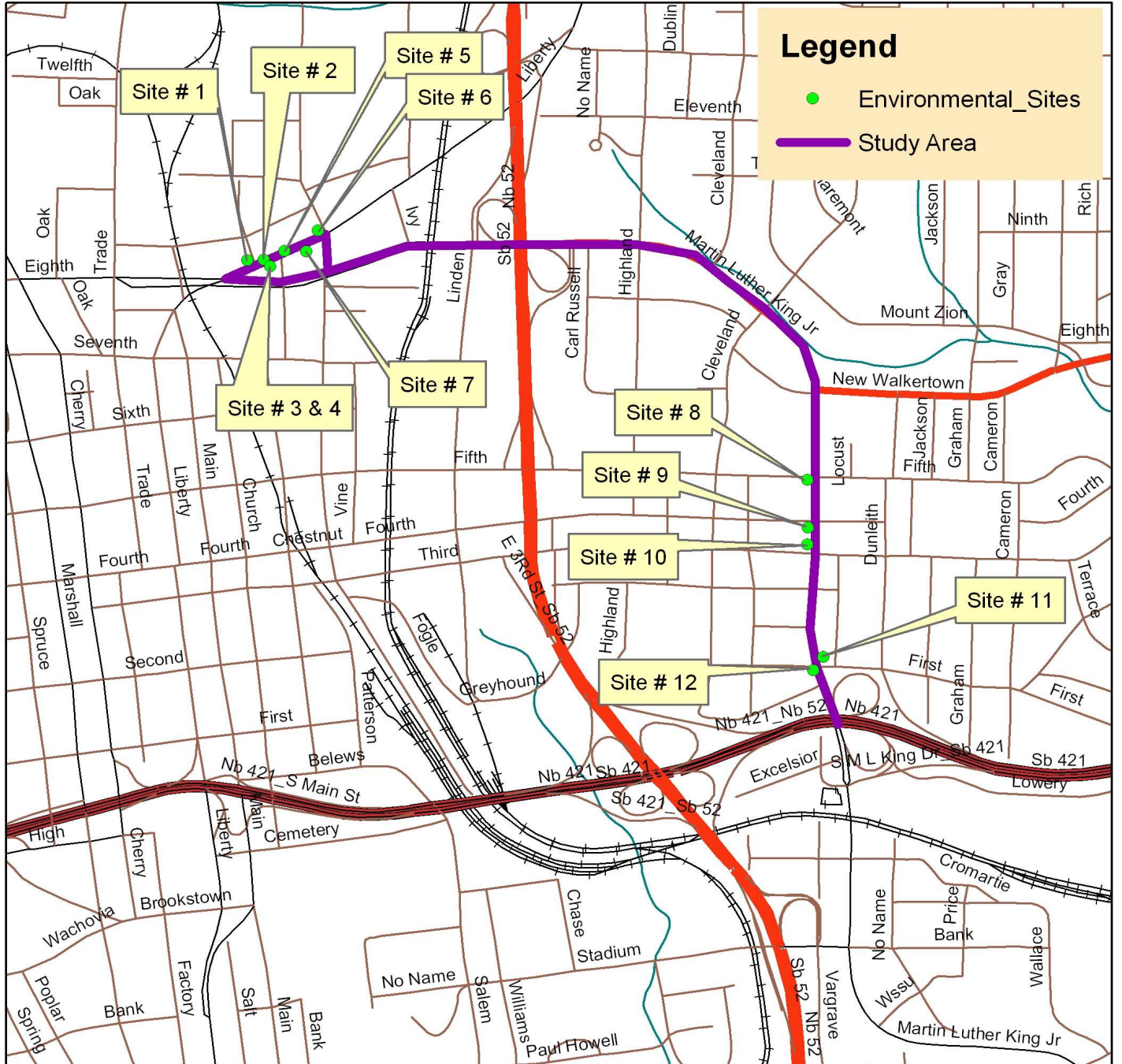
Eleven possible UST facilities and one racecar shop were identified within the proposed project corridor. We anticipate low to non-existent monetary and scheduling impacts resulting from these sites.

The GeoEnvironmental Section observed no additional contaminated properties during the field reconnaissance and regulatory agencies' records search. The GeoEnvironmental Section will provide soil and groundwater assessments on each of the above properties after identification of the selected alternative and before right of way acquisition. Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernable 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.

Prepared By:

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GeoEnvironmental Supervisor

Locations of USTs, Landfills, & Other Potentially Contaminated Sites



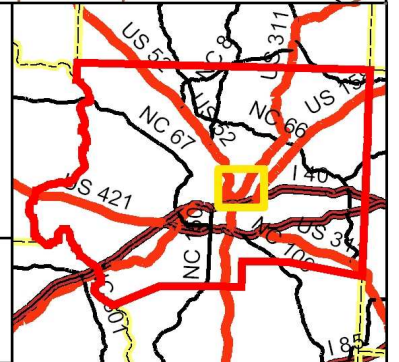
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 US 52 from I-40 Bypass to NC 66
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1,500 750 0 1,500 Feet



NC Department of Transportation
 Geotechnical Engineering Unit
 GeoEnvironmental Section



Appendix A

Known and Potential GeoEnvironmental Impact Sites

1)	Property Name Former Servco # 01711 850 N. Liberty St Winston Salem NC, 27101 Facility ID #:0-015707	Property Owner: William L. Spencer 876 Liberty St Winston Salem NC, 27101 UST Owner: Service Distributing Co. Inc
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This vacant lot is the location of the former Servco # 017711 and is located in the northwest quadrant of Liberty St. and Chestnut St. According to the UST registry seven (7) USTs were removed in 1999. Several monitoring wells were noted at this facility. Ground Water Incident # 20966 has been assigned to this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

2)	Property Name Latinos Auto Detail 860 Liberty St Winston Salem NC, 27101 Facility ID #:0-036839	Property Owner: William West IV 990 Hoyde Ln Kernersville NC, 27284 UST Owner: Unknown
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This former gas station currently operates as an automotive repair shop and is located in the northeast quadrant of Liberty St. and Chestnut St. According to the Historical maps there has been a gas station located on this parcel since the late 1950's. According to the UST registry three (3) USTs were removed in 2006. No monitoring wells were noted at this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

3)	Property Name Vacant Lot 847 N. Liberty St Winston Salem NC, 27101	Property Owner: Goler Community Development Corp. 630 Patterson Ave Winston Salem NC 27106
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This vacant lot is the location of the former Edward's Seat Covers and is located in the southwest quadrant of Liberty St and Chestnut St. No USTs or monitoring wells were noted at this property. Ground Water Incident # 18942 has been assigned to this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

4)	Property Name Vacant Lot 863 N. Liberty St Winston Salem NC, 27101	Property Owner: Goler Community Development Corp. 600 Chestnut St Winston Salem NC, 27101
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This vacant lot is located in the southwest quadrant of Liberty St. and Chestnut St. No USTs or monitoring wells were noted at this property. According to historical maps there was a gas station located on this property in the 1950's **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

5)	Property Name JKS Motor Sport 876 N. Liberty St Winston Salem NC, 27101	Property Owner: William L. Spencer 876 N. Liberty St Winston Salem NC, 27101
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This facility currently operates as racecar shop/garage/office and is located on the north side of Liberty St. approximately 250 feet west of Patterson Ave. No USTs or monitoring wells were noted at this facility **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

6)	Property Name R&M Motors 896 N. Liberty St Winston Salem NC, 27101	Property Owner: C.W. Myers Trading Post Inc. 2718. Liberty St Winston Salem NC, 27105
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This former gas station and is located in the northwest quadrant of Liberty St. and Patterson Ave. Areas in the parking lot indicate a former pump island and UST tank bed. No monitoring wells were noted at this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

7)	Property Name Bank 893 N. Liberty St Winston Salem NC, 27101	Property Owner: Victory Financial Union LLC. 600 Chestnut St Winston Salem NC, 27101
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This newly constructed bank is located in the southwest quadrant of Liberty St and Patterson Ave. No USTs were noted at this facility. According to historical maps a gas station was located on this property in the 1950s No monitoring wells were noted at this facility **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

8)	Property Name Auto Service Center 1330 Fifth St Winston Salem NC, 27101	Property Owner: Marcene Hairston & George Powell Jr. P.O. Box 24772 Winston Salem NC, 27114
	Facility ID #:0-016239	UST Owner: Joe Bacote

This former Devlin Shell Station currently operates as an Auto Service Center and is located in the southwest quadrant of Fifth St. and MLK Dr. According to the UST registry six (6) USTs were closed in 1997 and one (1) UST closed in 1988. Several monitoring wells were noted at this facility and Ground Water Incident # 18036 has been assigned to this facility **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

9)	Property Name Vacant Lot 310 Martin Luther King Jr Dr Winston Salem NC, 27101	Property Owner: Ivan Robinson & Michael Suggs 452 Corona St Winston Salem NC, 27103
	Facility ID #:0-025779	UST Owner: Smith Dry Cleaning Inc.

This vacant lot is the location of the former Smith Dry Cleaning Inc and is located in the southwest quadrant of Fourth St and MLK Dr. According to the UST registry five (5) USTs were closed in 1958. No monitoring wells were noted at this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

10)	Property Name Vacant Lot 300 Martin Luther King Jr Dr Winston Salem NC, 27101	Property Owner: Ivan Robinson & Michael Suggs 452 Corona St Winston Salem NC, 27103
	Facility ID #:0-027388	UST Owner: Davis Garage

This vacant lot is the former location of Davis Garage and is located in the southwest quadrant of Fourth St and MLK Dr. According to the UST registry one (1) tank was closed in 1993. No monitoring wells were noted at this facility. **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

11)	Property Name MLK Family Fare 340 105 Martin Luther King Jr Dr Winston Salem NC, 27101	Property Owner: M M Fowler Inc. 4220 Neal Rd Durham NC, 27705
	Facility ID #:0-016584	UST Owner: M M Fowler

This facility currently operates as a convenient store/ gas station and is located in the northeast quadrant of First St and MLK Dr. According to the UST registry seven (7) USTs were closed in 1988 and one (1) UST closed in 1998. There are four (4) current USTs. According to the Ground Water Incident registry there are several monitoring wells and Ground Water Incident # 13313 has been assigned to this facility **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

12)	Property Name 2 Brothers 3 Citgo 100 Martin Luther King Jr Dr Winston Salem NC, 27101	Property Owner: Andraos Brothers Corp. 901 Waughhtown St Winston Salem NC, 27107
	Facility ID #:0-016341	UST Owner: Wilcohess LLC

This facility currently operates as a convenient store/ gas station. It is located in the southwest quadrant of First St and MLK Dr. According to the UST registry there are six (6) current USTs. No monitoring wells were noted at this facility **We anticipate low to non-existent monetary and scheduling impacts resulting from this site.**

Appendix B

**Site Photographs
June 20, 2007**



Site 1: Vacant Lot Former Servco #01711

Site 2: Latinos Auto Detail



Site 3& 4: Vacant Lot Sites 3 & 4

Site 5: JKS Motor Sports



Site 6: R&M Motors

Site 7: Bank



Site 8: Auto Service center

Site 9&10: Former Smith Dry Cleaning & Davis Garage



Site 11: MLK Family Fare 340

Site 12: 2 Brothers 3 Citgo