



Genesis Project, Inc.

ENVIRONMENTAL SERVICES

Memo

To: Gayle Macolly, Solutia, Inc.

From: Michael Price, Genesis Project, Inc. *MP*

cc: John Loper, The Loper Group, Inc.
Donn Williams, Williams Service
Meredith Harris, Roux Associates, Inc.
Alan Fowler, Arcadis, Inc.

Date: June 15, 2011

Re: Soil Sampling Results for the Interstate 20 Bridge Expansion Project,
West Abutment Sampling.

On April 28, 2011, Genesis Project completed a soil-sampling event located at Interstate 20 (I-20) and Snow Creek, Oxford, Alabama. The sampling was performed in accordance with the Interstate 20 Bridge Expansion Project, ALDOT Project No. IM-NHF-0201(131) Proposed Sampling Plan (Sampling Plan). The purpose of this assessment was to determine the concentrations of polychlorinated biphenyls (PCBs), if any, in the soils at the area of the west abutment expansion.

Prior to any site activities, the area of investigation was inspected with Mr. Donn Williams of Williams Service. The soil sampling and field screening activities commenced on April 26, 2011 and were completed on April 28, 2011.

Sampling Procedures

Soil samples were collected from each location at pre-selected intervals as indicated on Table 1. All soil samples were collected utilizing a Geoprobe™ and were processed by thoroughly mixing using a stainless steel bowl and spoon prior to placing in an appropriate pre-cleaned laboratory containers. The sampling equipment was decontaminated between sampling locations utilizing the decontamination procedure outlined in the Quality Assurance Project Plan for the Anniston PCB Site, Revision 5.

The initial boring (Abutment Sample #1) was to be advanced at the crest of the slope of the existing embankment at the centerline of the median. Due to the angle of the slope it was determined this location was not accessible; therefore, no soil sample was collected. The subsequent samples were in five foot intervals towards the west of Abutment Sample #1 along the centerline of the median until the results were <1 ppm PCB or to the extent of the median excavation (approximately 55 feet), whichever occurred first. All samples were collected starting from an elevation of 608 feet mean sea level (msl). Samples were

collected at each location from the 608'-606' msl, 606'-604' msl, and 604'-603' msl intervals.

Soil Sample Analyses

All samples were field screened for PCBs at 1 part per million (ppm) and 50 ppm using immunoassay techniques by USEPA Method 4020. The results of the field screening analysis are summarized in Table 1. The locations and field screening analysis of soil samples collected are shown on Figure 1.

TABLE

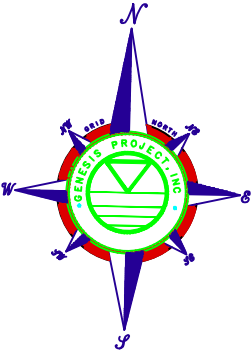
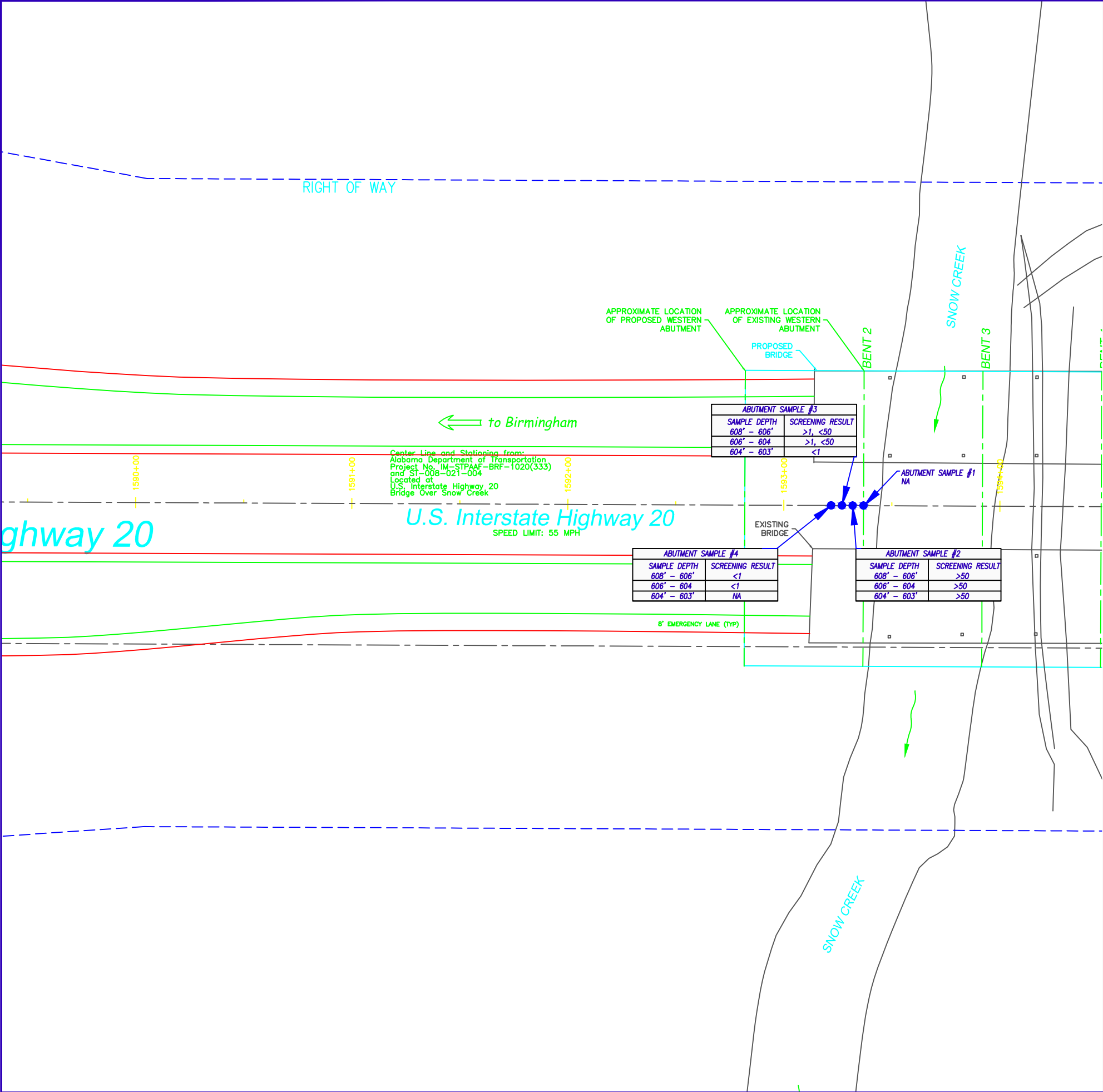
Table 1: Field Screening Results
Interstate 20 Bridge Expansion Project
West Abutment Sampling
Anniston PCB Site, Anniston, Alabama

Sample ID	Sample Depth	Field Screening Result (ppm)
Abutment Sample #1		NA
Abutment Sample #2	608' - 606'	>50
	606' - 604'	>50
	604' - 603'	>50
Abutment Sample #3	608' - 606'	>1, <50
	606' - 604'	>1, <50
	604' - 603'	<1
Abutment Sample #4	608' - 606'	<1
	606' - 604'	<1
	604' - 603'	NA

ppm - parts per million

NA - Not Analyzed

FIGURE



LEGEND:

- COMPOSITE SOIL SAMPLE LOCATION
- Abutment Sample #2 SAMPLE ID
- 608' - 606' SAMPLE INTERVAL
- >50 PCB FIELD SCREENING RESULT (ppm)

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REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
SCALE						
PCB FIELD SCREENING RESULTS I-20 BRIDGE EXPANSION PROJECT WEST ABUTMENT SAMPLING ANNISTON PCB SITE ANNISTON, ALABAMA						
Genesis Project, Inc. ENVIRONMENTAL SERVICES				FILE No. --		
PROJECT No. I-20				SCALE AS SHOWN REV. --		
DESIGN JAT 5/23/11				Figure 1		
CADD JAT 5/23/11						
CHECK MCP 5/23/11						
REVIEW MCP 5/23/11						