Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

1109 South Marion Avenue
Lake City, Florida 32025

STEPHANIE C. KOPELOUS
SECRETARY

April 29, 2010

To Shortlisted Proposers:

Hubbard Construction Company and Landmark Engineering, Inc.
Leware Construction Company of Florida, Inc. and Florida Bridge and Transportation, Inc.
Southland Construction Inc. and DRMP, Inc.

Addendum No.: 3

Project #: E2O66

Financial Project #40681365201

Federal Project # 2803 004S

Title of Project: The Florida Department of Transportation (Department), District 2 has identified this

Federal project for Design Build for a Bridge Replacement on Bridge #290042, Olustee Creek, County Road 245, Columbia County. The road is to be detoured during replacement. The location of this project is southeast of and within 15 miles of Lake City, Florida, in northeast Florida. Project length is .663 miles in Columbia County.

The drainage south of the Olustee Creek Bridge needs to be designed to miss the anomalies (A-1 & A-2) located in front of the cemetery fence.

Attached plan sheets and Tech Memo are for Informational Purposes Only.

Please sign, date and email a copy of this addendum back to me today to indicate receipt. A copy of this addendum is to be returned with your bid.

Company Name Date

Signature

SOUTHEASTERN ARCHAEOLOGICAL RESEARCH, INC.

Memo

To: Terry Newman , Cultural Resources Coordinator, FDOT, District 2

From: Dennis Wardlaw and Greg Hendryx, SEARCH

CC: Anne Stokes and Beth Chambless, SEARCH

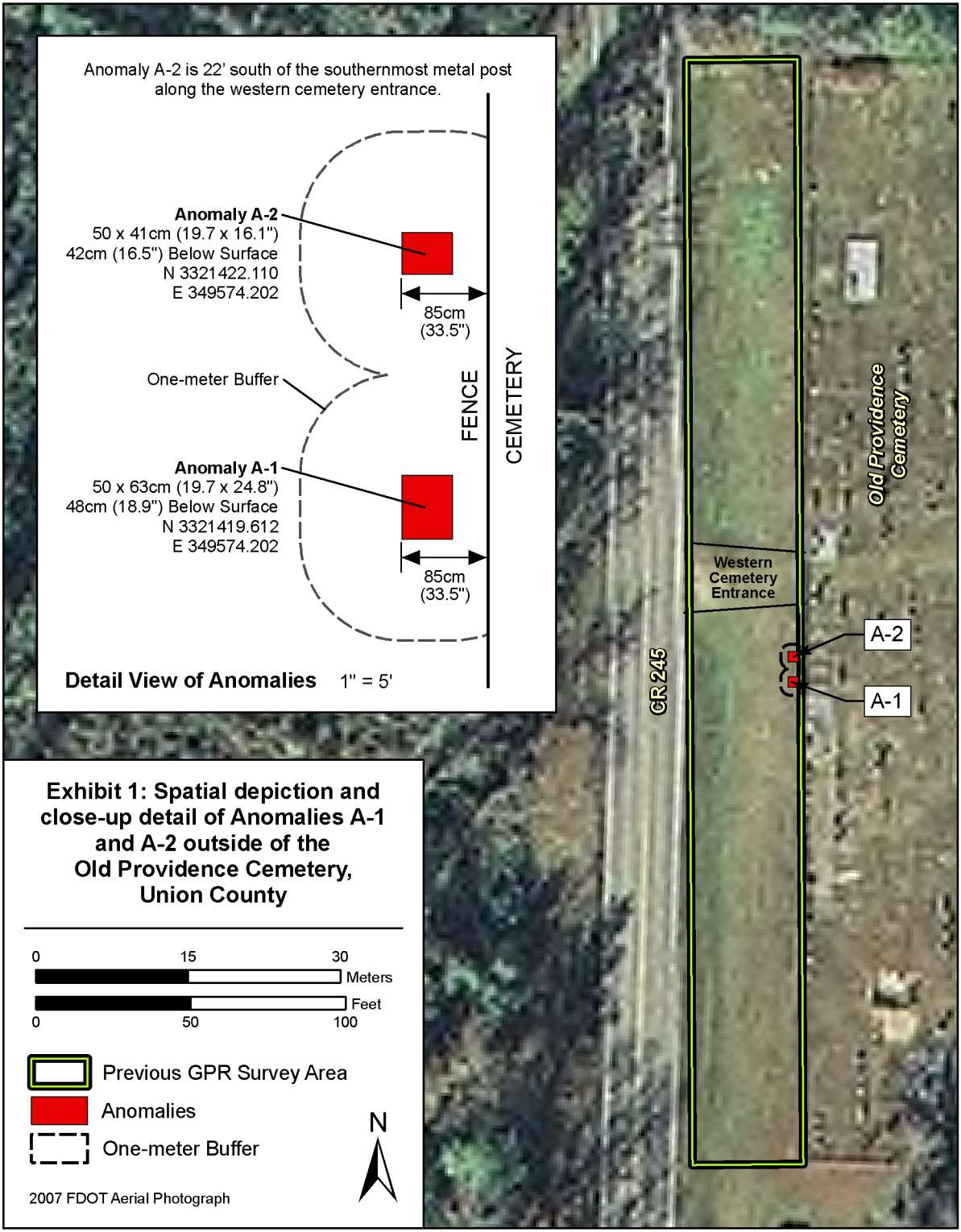
Date: 4/15/2010

Re: Olustee Creek Bridge Replacement along County Road 245

On Monday, April 12, 2010, Southeastern Archaeological Research, Inc. performed field verification of subsurface anomalies along the west side of the Old Providence Cemetery in Union County with the use of ground-penetrating radar (GPR). The area of focus is within the County Road 245 right of way (ROW) and south of the Olustee Creek Bridge, which is slated for replacement. The ROW alongside the cemetery had been formerly surveyed using GPR, during which time three anomalies (A-1, A-2, and A-3) were identified. The current investigation was completed to determine whether any of the three previous anomalies could be excluded from further consideration, to gather data on the depths of the anomalies, and to physically mark the location of any anomalies of concern in the field. During this investigation, GPR transects were completed within a 4.75-x-8 meter (15.6-x-26.2 ft) north-south oriented area that encompassed the three anomalies. Radar imaging was completed along north-south transects spaced 25 cm (9.8 in) apart with a GSSI/SIR 3000 Integrated Radar Control Unit with a 400 megahertz antenna. Prior to data collection the GPR was calibrated to ensure accurate depth and distance measurements.

This survey revealed that anomaly A-3 does not exhibit the signatures of a grave shaft and should be removed from further consideration. Anomalies A-1 and A-2 remain areas of concern and these are shown on Exhibit 1, along with a close-up detail of their dimensions and spatial relation to the western cemetery fence. Anomaly A-1 measures 50-x-63 cm (19.7-x-24.8 in) and Anomaly A-2 measures 50-x-41 cm (19.7-x-16.1 in); however, both may extend further east into the marked cemetery, where radar imaging was not feasible due to the location of a chain link fence. The western edges of both anomalies extend 85 cm (33.5 in) from the cemetery fence. The top depth of Anomaly A-1 is 48 cm (18.9 in) below surface and the top depth of Anomaly A-2 is 42 cm (16.5 in). The outlines of these two anomalies are marked in the field with pin flags placed firmly in the ground. Center points for the two anomalies were documented using a GPS unit with sub-meter accuracy (see Exhibit 1).

Based on the potential for Anomalies A-1 and A-2 to represent unmarked graves, their locations should be avoided by ground disturbing activities, along with a one-meter buffer. If in-place preservation is not a viable option, these two anomalies should be ground-truthed through hand excavation to determine whether they represent human interments.


Anomaly A-2 is 22' south of the southernmost metal post along the western cemetery entrance.
Anomaly A-2
50 x 41cm (19.7 x 16.1")
42cm (16.5") Below Surface
N 3321422.110
E 349574.202
85cm
(33.5")
One-meter Buffer
FENCE
CEMETERY
Anomaly A-1
50 x 63cm (19.7 x 24.8")
48cm (18.9") Below Surface
N 3321419.612
E 349574.202
85cm
(33.5")
Detail View of Anomalies 1" = 5'
Old Providence Cemetery
Western Cemetery Entrance
A-2
A-1
CR 245
Exhibit 1: Spatial depiction and close-up detail of Anomalies A-1 and A-2 outside of the Old Providence Cemetery, Union County
0
15
30
Meters
Feet
0
50
100
Previous GPR Survey Area
Anomalies
One-meter Buffer
N
2007 FDOT Aerial Photograph