

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE PI#122200
Union County

OFFICE Design Policy and Support

DATE February 2, 2015

FROM **RAC/RJC**
Richard A. Cobb, Location Bureau Chief

TO Albert V. Shelby, III, State Program Delivery Engineer

ATTENTION Charles A. Robinson

SUBJECT: **CONSULTANT DATABASE CHECK**

A field check of the coordinates, corresponding to the existing property corners, as taken from the Consultant's database for the above listed project has been made. The checks were made at random locations throughout the project. All of the existing property corners checked were within tolerance. **In my opinion, the Consultant's property database checked meets the Department's accuracy standards.**

A check of the existing ground portion of the mapping database was made at random locations throughout the project. The error tolerance used was 0.5ft. Five hundred fourteen (514) ground shots were taken. Twenty two percent (22%) of the ground shots were out of tolerance. If the error tolerance is changed to 0.6ft., fourteen percent (14%) are out of tolerance. **In my opinion, the existing ground portion of the mapping database checked, meets the Department's accuracy standards.**

A check of the existing pavement portion of the mapping database was completed using an error tolerance of 0.1ft. Ninety two (92) pavement shots were taken. Eleven percent (11%) of the pavement shots checked were out of tolerance. **In my opinion, the existing pavement portion of the mapping database checked, meets the Department's accuracy standards.** Attached are two surface check reports for your use.

To conclude; the Consultant's existing property database checked, meets the Department's accuracy standards. The Consultant's mapping database checked (existing ground & existing paving), meets the Department's accuracy standards.

The Consultant's approved files can be found at: <Pccommon\Statewide Location Bureau Approved Files\122200\Approved Files Folder>

Any quality checks performed by the Department are done so as a partial check of the project and the check shots are taken at random locations throughout the project corridor. Under no circumstances does a QC/QA review by GDOT release the Consultant from their contractual responsibilities involving QC/QA or from their professional liabilities involving the survey and engineering work for the project. Nor does it preclude them from recovery of damages during construction that results from errors and omissions in the plans.

If you have any questions, please call Bob Cagle @ 404.699.4449.

RAC/RJC