

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

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## INTERDEPARTMENT CORRESPONDENCE

DATE April 13, 2010



**FROM** Brent A. Story, P.E., State Design Policy Engineer

**TO** Chief Engineer/Deputy Commissioner's Executive Technical Staff, Division of Engineering, Division of Permits and Operations, Division of Construction, Division of Local Grants & Field Services, Division of P3

**SUBJECT** Bentley InRoads and MicroStation-V8

This is to inform you of the implementation schedule for the new civil software **InRoads** that will replace Autodesk CAiCE and the upgrade from CADD software MicroStation-J to **MicroStation-V8**.

The GDOT standards, guidelines, and training material for the collection of photogrammetric mapping and full-field-surveys within the InRoads platform were completed and published on July 15, 2009. The GDOT standards, guidelines, and training material for civil engineering and design within the InRoads platform and CADD with MicroStation-V8 are scheduled for completion and publishing on July 1, 2010.

Historically, it takes 3-6 months to complete the photogrammetric mapping and field survey process and have the database ready for design. With the upcoming (July 1) release of the design standards, we are now ready to establish an implementation date for project development with InRoads. Therefore, effective May 1, 2010, projects scheduled for photogrammetric mapping or full-field-surveys are expected to be developed within the InRoads platform.

The CAiCE platform will continue to be maintained by the Department's Engineering Software Group to support projects already under development with CAiCE. Projects with a database collected in CAiCE prior to May 1, 2010, may be converted to InRoads. A decision to convert from CAiCE to InRoads should be made mutually between the Project Manager, Design Phase Leader, and the Statewide Location Bureau Chief, Ken Thompson.

The guidelines and training material for database collection within the InRoads platform and directions for converting a CAiCE database to InRoads can currently be found online at: <http://myteams.dot.ga.gov/offices/dps/est/Inroads%20Development%20Task%20Force/Forms/AllItems.aspx>. Beginning July 1, 2010, guidelines and training material will be provided internally and externally through the R.O.A.D.S. webpage and formal training events will be conducted by Bentley and the Engineering Software Group on a regular basis. Training will be scheduled through the ELMS.

Consultants under contract with GDOT should be informed that the Department has established standards for the following versions of InRoads (08.11.05.47) and MicroStation-V8 (08.11.05.17). Later versions may not be compatible with these standards. If you have any questions, please feel free to contact me or Glenn Robertson at (404) 631-1978.