

The City of Wooster Saves Truckloads of Cash with Autodesk® Civil 3D® and IMAGINiT's Take AIM Implementation



The City of Wooster Lime Lagoon Project.

→ THE CUSTOMER

The City of Wooster, Ohio, named in honor of General David Wooster of the Revolutionary War, was awarded the Best Hometown for northeast Ohio by Ohio Magazine in the November 2006. The city is located just southwest of Cleveland with an estimated population of 27,000.

→ THE CHALLENGE

The City of Wooster had a more practical reason for implementing Autodesk® Civil 3D®. They were loading various combinations of Autodesk® Land Desktop, Autodesk Map®, Autodesk® Civil Design, and Autodesk® Survey for their users, and needed to establish consistency. "Autodesk Civil 3D combined the functionality we needed into one package, and allowed us to implement one uniform solution," stated Joel Montgomery, City Engineer.

→ DESIRED OUTCOME

The City realized that Autodesk Civil 3D would allow them to design projects faster and more efficiently. "With Civil 3D, setting up projects takes significantly less time and incorporating design changes is virtually instantaneous," added Joel.

→ THE SOLUTION

The City of Wooster made a clear decision to migrate to Civil 3D and adopt IMAGINiT's Take AIM (Assured Implementation Method), a proven, repeatable process. IMAGINiT's multi-phased implementation plan incorporated on-site training that was customized to fit their needs. "It was very beneficial having our projects integrated into the core curriculum, showing us features such as volume and surface analysis with familiar data and current scenarios," commented Joel. As a part of the Take AIM program, IMAGINiT went on-site and developed the initial setup of styles and templates. "By having IMAGINiT build the styles and templates, we were able to cut a lot of time out of our project development for future projects. We recommend Take AIM to others making the transition from the Land Desktop product suite to Civil 3D," noted Joel.

→ THE RESULTS

"One of biggest advantages and time savings for the City is the dynamic engineering model in Civil 3D. This feature allows us to evaluate multiple alternatives quickly, minimize manual edits and output updated plans automatically," noted Joel.

The City uses Civil 3D with all their projects, including those they started in Land Desktop. "After focusing on getting over the learning curve, we find Civil 3D much easier to use than Land Desktop. We made a clear decision to drop using Land Desktop and are pleased with the functionality and increased productivity we have experienced," concluded Joel.

One particular project with which the City saw an immediate ROI, was their Lime Lagoon Project. There was a large discrepancy between the data from the City and the contractor responsible for lime removal. The contractor was counting buckets and truck loads to measure volumes. "We verified the data at several times during the project, measuring before, during, and after the removal. With the volume calculation functionality of Civil 3D, we were able to double check the calculations from our contractor and reduce our project cost by \$100,000. In the end, there was no argument after referencing the real survey data and information we provided," concluded Joel.