

LaDOTD CADD Standards

MicroStation Resource Files Basics – January 1, 2013

MicroStation Resources Files – Overview, Version 3.2

The “MicroStation Resources” download is designed to be comprehensive in providing all that is needed to create plans to LaDOTD standards. Version 3.2 represents a substantial redesign. Users of earlier versions must upgrade soon.

➤ Notable changes in this version are as follows:

- Updates to borders, seed files, line styles, levels, CADconform feature tables, etc.
- ERP financial system: Related changes to borders and Title Sheets.
- Extensive updates to Traffic standards
- Discipline-specific “Allowed” Feature Tables
- Seals for Digital Signatures
- Default PDF deliverable drawing is 11x17. (22x36 paper can be printed when needed)

New Automated Plans Management and Delivery Process

New plan delivery process includes delivery of MicroStation files into ProjectWise. ‘Resources’ Version 3.2 supports this process, as described below. This process will be phased in (2013).

Automated PDF format plan submittals in ProjectWise require the following:

- MicroStation plans must be managed in a project discipline’s Plans folder (e.g., H.001234\Road-Site\Plans). Consultants must upload MicroStation plans with each submittal. Then they may use *Managed Export>Export <Import* for multiple files.
- ControlCAD is integrated with ProjectWise: ControlCAD reports provide feedback regarding CAD standards for each plan submittal.
- A new Automated PDF publishing function is used to produce submittals in ProjectWise
- Digital signatures are required for Final Plans via an automated ProjectWise workflow (includes consultants)

MicroStation Resources Installation and Plan Production Startup

Before installing the *MicroStation Resources* files, make sure that the appropriate version of CADconform is installed, licensed and configured properly for your version of MicroStation. Go to Altiva Software’s LaDOTD CAD Standards web page, and then execute the resources installer: <http://www.altivasoft.com/ladotd>

- 1) The resource files will be installed on a server or a user’s computer, as specified
- 2) The delivered MicroStation Resources are configured to find the files needed to create LaDOTD project plans for each discipline. Configuration depends on the Workspace *Project* selected.
- 3) The CADconform feature tables are included in the Workspace
- 4) When designers start MicroStation using the LaDOTD shortcut and select the appropriate *Project* configuration in MicroStation Manager, they are ready to start producing LaDOTD plans.

User Questions and Feedback

It is important for users of LaDOTD CAD standards to understand what is expected, and have important issues that come up addressed so they and support personnel can be more productive. For assistance and feedback, contact Hollis Ward. hollis.ward@la.gov.