

LaDOTD_Submittal_Standards

ControlCAD Basics – January 20, 2009

DOTD ControlCAD Requirements – Version 1.10

Version 1.10 represents the first production release of DOTD submittal requirements.

Version Overview

This may be your first time to use ControlCAD. It is important to understand what is expected. Feel free to contact DOTD for more information. The goal of this release is to provide all of the basic tools required to produce a DOTD plan submittal package. You may run into a glitch or two; and you may find that a few indexing attribute values are missing. Please let us know if you find any such issues in this release. See “User Feedback” below. Please take note of the information provided in this document and read additional documentation provided in the C:\Program Files\Altiva Software\LADOTD ControlCAD\ControlCAD Submittal\docs folder

Notable changes in this version:

- Not applicable - first production release

Comments related to this version:

- This release was posted late in the plan production process for some projects, so you may not have had an opportunity to get a Submittal Settings File early in the plan production process. If you carefully reviewed “LA DOTD Software and Deliverable Standards for Electronic Plans” before beginning plan production, then your submittal should be fine.

ControlCAD Indexer Basics

ControlCAD Indexer is used by consultants to index plan submittals by applying document attribute values in an efficient interface. XML format index files and associated drawings are delivered to DOTD using the Submittal tool (described below). When the Submittal tool uploads these files into ProjectWise, the XML attribute values populate the ProjectWise document “Attributes” page. In the not-too-distant future, when digitally signed PDF drawings become the documents of record, document attributes will also be uploaded to the Falcon publishing system. Index attributes are used in ProjectWise and Falcon to search for a specific subset of drawings for publishing, reference, reuse or printing purposes. Altiva may soon integrate Indexer with CADconform to facilitate auto matic populating title blocks with attribute values.

ControlCAD Indexer provides the tools necessary to index DOTD drawings. Different “Document Classes” can be indexed. The Document Class that you will most likely be indexing is “Project Drawings.” Drawings must be completely indexed. Indexer provides tools to ensure that this happens. If an attribute value field is red, this indicates that the field must be populated. If a branch on the attribute tree is red, this means that you must click on that branch and populate more attribute values. Attribute values are saved to an XML format file, which cannot be saved until all of the red is gone.

ControlCAD Submittal Basics

ControlCAD Submittal is used by consultants to package and deliver turnkey electronic plan submittals to DOTD. The Submittal “Archive” package cannot be created unless the submittal meets all requirements. The DOTD Plans Manager (this is a new functional title) will run a “Verify” command to check the submittal. ‘Verify’ checks for compliance with various submittal requirements including, but not limited to, the following: MicroStation DGN file and associated CADconform Certification Stamp, XML Index file, DGN Reference files, PDF file (if required), and PDF digital signature (if required). Results are displayed in Submittal’s interface. Results and index attribute values are also written to an Excel spreadsheet report. The Plans Manager is authorized to accept or reject the submittal based on the results of the Verify command.

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Submittal requirements are delivered in a Submittal Settings File. Contact the Plans Manager, Patrick Wollerson, for your Settings File (patrickwollerson@dotd.la.gov). It is best to get a Submittal Settings File early in the Plan Production Process so that expectations are clear. If you believe that there is a legitimate reason that your submittal requirements should be relaxed (at any time in the plan production process), notify the Plans Manager in writing (email is acceptable). The Plans Manager will review your case with the Project Manager before replying to your request. If your request is approved, the Plans Manager will send you a new settings file.

User Feedback

It is important that users understand what is expected so that they and LaDOTD support personnel can be more productive. For this reason, user questions and feedback are always welcome. Contact hollisward@dotd.la.gov.