

Florida Department of Transportation

CADD Manual

Record of Changes as of 5/8/2013

NOTE: All headers updated to reflect new revised date.

Chapter 1 Introduction

- 1.1 No Modifications
- 1.2 No Modifications
- 1.3 No Modifications
- 1.4 No Modifications
- 1.5 No Modifications
- 1.6 No Modifications
- 1.7 No Modifications
- 1.7.1 No Modifications
- 1.7.2 No Modifications
- 1.8 No Modifications
- 1.9 No Modifications
- 1.10 No Modifications

Chapter 2 Computer Systems

- 2.1 No Modifications
- 2.2 No Modifications
- 2.3 No Modifications
- 2.4 Updated reference links.
- 2.5 No Modifications

Chapter 3 Production Standards

- 3.1 No Modifications
- 3.2 No Modifications
- 3.3 Added new definitions to clarify Electronic and Digital Signatures:
 - Classical Electronic Deliveries
 - Digital Certificate
 - Digital Signature
 - Electronic Signature
 - Root Certificate
 - Signatory
- 3.4 Updated current reference links.
- 3.5 No Modifications
- 3.5.1 No Modifications
- 3.5.2 No Modifications
- 3.6 No Modifications
- 3.7 Added "unless otherwise specified in the Scope of Services" to third sentence for clarification.
- 3.8 No Modifications
- 3.9 Changed verbiage:
 - "Image files of plan sheets generated from ~~component~~ graphics design files"
 - ~~"Electronic Journal Project Documentation".~~
 - "Project Index ~~<added>~~ for classical electronic deliveries"
 - ~~"Secured Securing Electronically (with PEDDS or Digital Signature)with PEDDS and include Manifest and Signature documents"~~
- 3.9.1 Changed the title from "Engineering Data" to "Engineering Data Files".
- 3.9.1.1 No Modifications
- 3.9.1.2 Added new sub-section: "Engineering Data Surfaces"

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3.9.1.3 Renumbered from "3.9.1.2" to "3.9.1.3"

3.9.2 No Modifications

3.9.3 No Modifications

3.9.4 Changed the title from "Electronic Journal" to "Project Documentation". Changed verbiage: "~~An electronic journal~~ Project documentation will shall be ~~produced~~ preserved electronically and may include a Journal in accordance with the CPCH and will be delivered with the project."

3.9.5 Changed verbiage: "A project index will be produced in accordance with the CPCH and will be delivered only with ~~the project~~ the Classical Electronic Delivery."

3.9.6 No Modifications

3.9.7 No Modifications

3.9.8 Changed the title from "PEDDS and Supporting Documents" to "Securing Electronically". Changed the verbiage: "will" to "may". Added the last paragraph for Digital Signatures: "Alternately, documents may be signed with a Digital Signature according the rules of the Boards of Professional Regulation. An ACES Digital Certificate will be used in conjunction with the Digital Signature."

3.9.9 No Modifications

Chapter 4 Production Procedures

4.1 No Modifications

4.2 No Modifications

4.3 No Modifications

4.4 No Modifications

4.5 Updated reference links.

4.6 No Modifications

4.7 No Modifications

Chapter 5 Electronic Data Delivery

5.1 No Modifications

5.2 No Modifications

5.3 Updated reference links.

5.4 No Modifications

5.4.1 No Modifications

5.4.2 No Modifications

5.4.3 No Modifications

5.5 No Modifications

5.5.1 No Modifications

5.5.2 No Modifications

5.6 No Modifications

Chapter 6 Support

6.1 No Modifications

6.2 No Modifications

6.3 No Modifications

6.3 Updated reference link.

6.4 No Modifications

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- 6.4.1 Changed the verbiage: "Test, select, procure, and maintain CADD applications. This component is coordinated with the district CADD Managers and Office of Information Systems (OIS) ~~and the district CADD Managers and/or OIS Information Technology (IT) personnel assigned to support CADD.~~"
- 6.4.2 No Modifications
- 6.4.3 No Modifications
- 6.5 No Modifications
- 6.5.1 No Modifications
- 6.5.1.1 Removed the verbiage: "OIS". Added "CADD" to bullets to identify software.
- 6.5.1.2 Removed the verbiage: "CO" from first paragraph, "OCO" from first bullet, and last sentence from last bullet: "~~Contacts from within the Department for this level of support are only from the TAC's, delegates from the TAC's, CADD Managers or support staff authorized by the CADD Managers.~~ Added "CADD" to bullets to identify software."
- 6.5.2 No Modifications
- 6.5.2.1 No Modifications
- 6.5.2.2 No Modifications
- 6.5.2.3 Changed the verbiage: "The Third Level of Operational Support is the District Support Staff, including, but not limited to, CADD Managers, CADD IT contacts, ~~CADD Managers~~, and engineering services personnel."
- 6.5.2.4 Changed the verbiage: from "Training will encompass ..." to "The training program may encompass ..." in the first paragraph. Adding the verbiage: "...District and Unit Training Coordinators,..." to the second paragraph.
- 6.5.3 Changed the verbiage: "ECSO will provide support assistance or ~~will contract for~~ procure required services as necessary, coordinating all support requests, including those to CADD software vendors."

Chapter 7 Software Development and Distribution

- 7.1 Changed the verbiage "CADD" to "Computer Aided Design and Drafting (CADD)".
- 7.2 No Modifications
- 7.3 No Modifications
- 7.4 Changed the verbiage "...maintenance (bug fixes)..." to "...maintenance releases (bug fixes)..."
- 7.4.1 No Modifications
- 7.4.2 Changed the verbiage "The ECSO will keep the user community informed as to the status..." to "The ECSO will keep the user community informed as to procurement status..."
- 7.5 No Modifications
- 7.5.1 Changed the verbiage in first paragraph: "When alpha testing demonstrates CADD software believed ..." to "When alpha testing demonstrates CADD software is believed ...".
Changed the verbiage in second paragraph: "... and approval by either CADD IT contacts or the CADD Manager." to "... and approval by either the CADD Manager or CADD IT contacts."
- 7.5.2 Changed the verbiage in first paragraph: "Each CADD product shall have ..." to "Each major CADD Application shall have ...".
Changed seventh bullet verbiage: "~~Notifying Notification and Distributing~~ Distribution to Testers The Beta Testing Coordinator will notify the CADD Manager or CADD IT contacts ~~or the CADD Manager~~ that testing materials are ready for distribution. The coordination and distribution of materials to testers will be their responsibility ~~of the CADD IT contacts or CADD Managers~~. Where appropriate, ECSO may also distribute testing materials to Beta testers.
Changed the eighth bullet title: "Compilation~~ing~~ of Beta Test Results"

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- 7.6 No Modifications
- 7.7 Changed the verbiage in first paragraph: "Major releases of CADD Software releases are approved by ECSO and notificationee to the District Information Systems Managers Technology Services and Support Managers are made using the Software Distribution Notification Application (SDNA)."

Chapter 8 Quality Assurance

- 8.1 No Modifications
- 8.2 No Modifications
- 8.3 No Modifications
- 8.4 Updated the reference links.
- 8.5 No Modifications
- 8.6 Changed the verbiage in fourth paragraph: "The CADD Quality Assurance Monitoring Plan is published on the Department's intranet SharePoint per Department policy."
- 8.7 Changed the verbiage in first paragraph: "The ECSO issues the CADD Production Criteria Handbook (CPCH) and CADD application software resources. ~~with operating instructions so that all CADD production can be based on predetermined requirements. Input for these requirements is solicited from the CADD user communities, especially from the Technical Advisory Committees (TACs)~~"
Changed the verbiage in second paragraph: "District production units shall follow the procedures for preparing plans and maps ~~in the preparation of all projects.~~"
- 8.8 Changed the verbiage "A CADD QA review will be conducted ~~in each District~~ per Department requirements. The ECSO will report the results of these reviews to the District Secretary. These reviews will be for the purpose of measuring compliance with the critical requirements as outlined in the ~~annual~~ CADD Quality Assurance Monitoring Plan."