

## Chapter 20

### Plans Processing and Revisions

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## Chapter 20

### PLANS PROCESSING AND REVISIONS

#### 20.1 General

This chapter describes in general terms the critical activities required to process the contract plans, specifications and estimate for letting. It identifies the transmittal forms, certifications and other documents prepared by the District and the various offices involved in processing a PS&E package. This chapter also outlines the revision process, and the steps to resubmit a project that has been withdrawn from letting.

All projects must be delivered in electronic format. Because the process is continuously updated, the latest information regarding the letting of electronic plans and specifications (including critical dates) will be posted on the Roadway Design Office web page as new information becomes available:

<http://www.dot.state.fl.us/rddesign/electronic-letting>

Other specific requirements for processing the electronic delivery, including information on the Electronic Delivery software, can be found in the **CADD Manual**, and the **CADD Production Criteria Handbook**, both are located on the Engineering/CADD Systems Office web page:

<http://www.dot.state.fl.us/ecso/downloads/publications/>

#### 20.2 Glossary

**As Built Plans** - The Contract Plans after construction is completed, all revisions including those occurring during construction, have been included and with the title on the key sheet changed to Final Plans.

**Bid Set** – The electronic Contract Plans and Specifications Package submitted to Contracts Administration for the letting of a project.

**Contract Documents** - The term “Contract Documents” includes: Advertisement for Proposal, Proposal, Certification as to Publication and Notice of Advertisement for Proposal, Appointment of Agent by Nonresident Contractors, Noncollusion Affidavit,

Warranty Concerning Solicitation of the Contract by Others, Resolution of Award of Contract, Executed Form of Contract, Performance Bond and Payment Bond, Standard Specifications, Supplemental Specifications, Special Provisions, Contract Plans, Addenda, or other information mailed or otherwise transmitted to the prospective bidders prior to the receipt of bids, change orders, field orders, and supplemental agreements, all of which are to be treated as one instrument whether or not set forth at length in the form of contract.

Note: As used in Sections 2 and 3 of the Standard Specifications only, Contract Documents do not include change orders, field orders, and supplementary agreements. As used in Section 2 only, Contract Documents also do not include Resolution of Award of Contract, Executed Form of Contract, and Performance and Payment Bond.

**Contract Plans** - The signed and sealed documents prepared during the design phase and used by construction personnel to build a project. ,

**PS&E** – The Contract Plans, Specifications Package, and Estimates.

**Specifications Package** – The signed and sealed document prepared for inclusion in the Contract documents and which is comprised of Special Provisions, Developmental Specifications, Supplemental Specifications and Appendices.

## **20.3 Plans Processing**

### **20.3.1 District Activities**

There are certain plans processing activities that must occur at the District level prior to submitting plans to Tallahassee. These activities have schedule implications which will vary by District. Contact the appropriate District for specific requirements.

Any modification to the plans, specifications or quantities after Estimates changes the Control Group and before the Plans are sent to Tallahassee will be referred to as Plan Changes. These Plans Changes include the modification, deletion, or addition of data on individual sheets, adding new sheets, or the removal of entire sheets. These changes are not revisions and are not noted in the Revision Block on the sheets.

### **20.3.2 Submittal to Tallahassee**

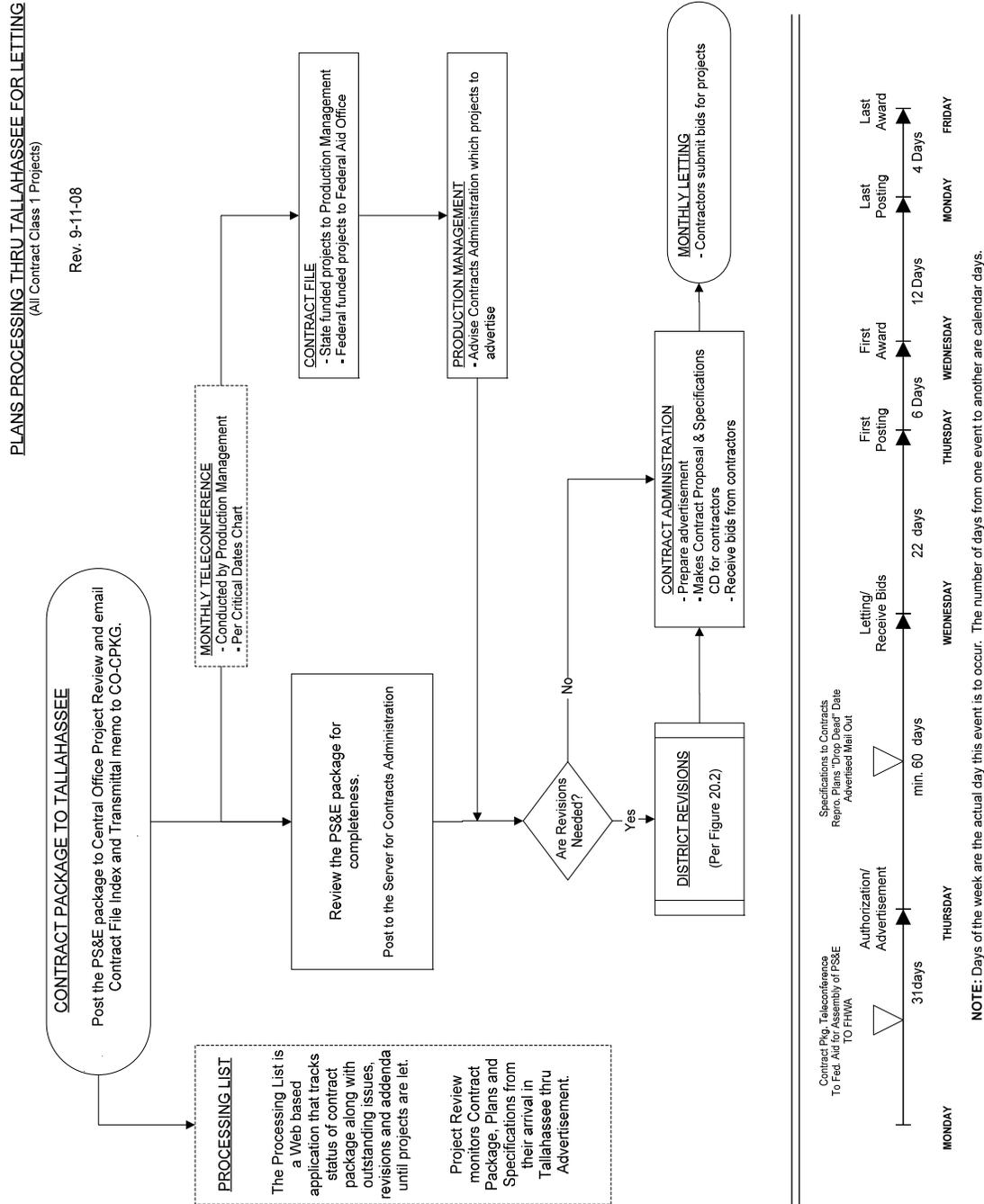
Prepare and post the Bid Set, the Authorization Estimate, Details of Selected Proposal, to the Central Office server no later than the Plans to Tallahassee Date. At the time of the PS&E submittal, transfer control of the Trns\*port project files to the Project Review section of the State Specifications and Estimates Office.

Email the Transmittal of Plans, Specifications and Estimates Package Memo (**Exhibit 20-A**) and the Contract File Index (**Exhibit 20-B**) with attachments, to CO-CPKG with a copy to the Project Manager. Ensure that the computation book is available to the District Construction Engineer.

### **20.3.3 Submittal for Letting**

Upon receipt of the Bid Set, the Project Review Section checks the package for completeness and records the date posted on the Transmittal Memo. If incomplete, the District Project Manager and District Plans, Specifications and Estimates are notified to provide a corrected submittal. Once accepted, the Bid Set is posted to the server, for access by Contracts Administration.

Figure 20.1 Plans Processing Thru Tallahassee



## 20.4 Revisions to the Bid Set

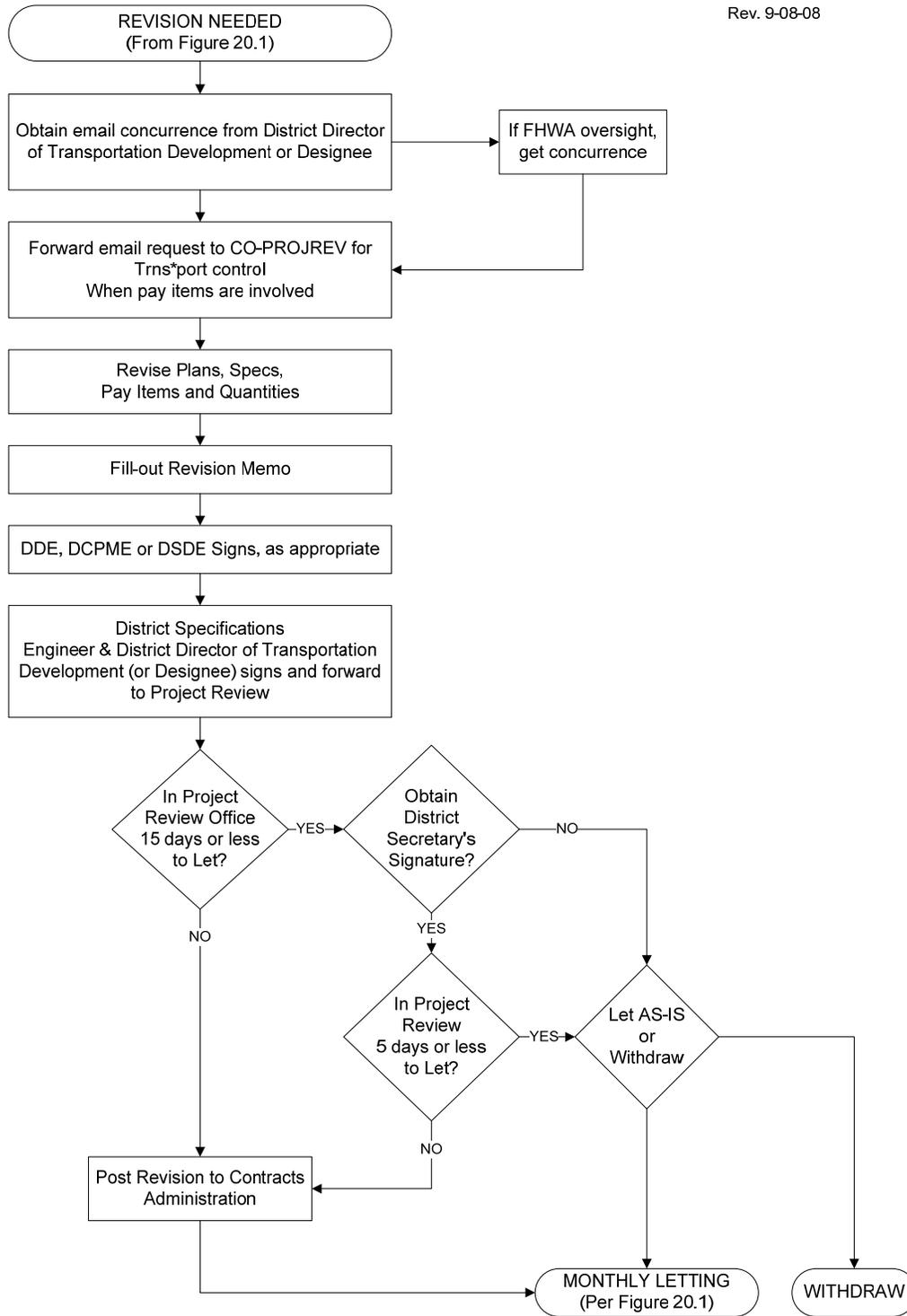
Design revisions are modifications to the Bid Set after it has been accepted by Central Office Project Review but prior to bid opening. The District Project Manager ensures a revision is completed as follows (see **Figure 20.2**):

1. Obtain an emailed concurrence from the District Director of Transportation Development (Production) or designee. The email will include a summary of the revision, an approximate number of the revised plan sheets, affected pay items, and an assessment of the revision's impact to the specifications. Forward the District's concurrence email to Central Office Project Review (CO-PROJREV) and for revisions involving pay item changes, request Trns\*port control. Control will then be returned to the District for a period not to exceed 48 hours.
2. If the project requires Federal Aid Oversight, obtain concurrence from FHWA prior to making revisions. On the revision memo, include the name of the FHWA contact and the concurrence date.
3. For revisions to plan sheets other than a Key Sheet, place a conspicuous unique numbered symbol (e.g., a numbered triangle) beside the revision that corresponds to the Plans Revision Number on the Revision Memo. Begin the revision numbering with "1" and number subsequent revisions of the plans, sequentially. Place the revision date, corresponding numbered symbol for the revision, and a brief description of the revision in the Revision Block on each modified sheet. The same applies to adding sheets: however, the added sheets may be numbered with alpha characters (e.g., 22a, 22b, 22c). If a sheet is being deleted, the sheet numbers for the following sheets remain unchanged. For revisions involving revised, added or deleted pay items, see **Exhibit 20-C**.
4. Revised plan sheets other than the Key Sheet are noted in the lower left corner of the Key Sheet in the "Revisions" area. (See **Exhibit KS-1, Chapter 3, Volume 2**). If the changes to a Key Sheet only involve notes in the Revisions area, no entry is made in the Key Sheet Revisions Block at the lower right corner. The Key Sheet Revisions Block is only used to record changes other than revision notes. Revisions to component sets such as the Signalization Plans are noted in the Revision Block of the modified sheet and on the **Lead** Key Sheet in the Revisions Area. If a sheet is being deleted, this must be noted in the Revisions Area on the Lead Key Sheet, and the Index of Sheets must be revised to show the sheet numbers of the deleted sheets, with a sheet description of "(DELETED)". This also must be recorded in the Key Sheet Revisions Block as a revision to the Index of Sheets. A new Lead Key Sheet is required when any sheet is revised.

5. The Engineer of Record seals each revised document in accordance with the requirements of **Chapter 19, Sealing Design Documents**, of this volume.
6. Prepare the Revision Memo (**Exhibit 20-C**), providing a Revision Number and describing modifications. Record the revision date for each revised sheet, using the date shown in the revision block on the sheet. The District Design Engineer, District Consultant Project Management Engineer or the District Structures Design Engineer, as appropriate, reviews and concurs with the revision.
7. District Specifications reviews the revision for any effect on the specifications then dates and signs the Revision Memo.
8. Revision packages should be submitted by the Monday prior to Authorization for Advertisement, whenever practical. Revisions submitted after authorization for advertisement and prior to the letting will be processed as an addendum.
9. Ensure that any revisions to the Bid Set are posted to the Central Office server. Email the scanned, signed Revision Memo to Project Review, CO-PROJREV. Ensure that the revised computation book is available to the District Construction Engineer.
10. If the Revision will be received in Project Review within 15 working days or less prior to the letting, the District Secretary's signature is required on the Revision Memo. Revisions within five working days of the letting are not allowed since there is no assurance that all prospective contractors will get these documents on time to be considered in their bids. If the revision is not approved, the project will either be let as is, or be withdrawn from letting. Withdrawing or moving the project to a later letting after advertisement requires approval by the District Secretary and the Chief Engineer.
11. Upon receipt of the scanned, signed Revision Memo, Project Review checks the revisions to the Bid Set for completeness.

**Figure 20.2 District Revisions**

Rev. 9-08-08



## 20.5 Re-submittal of Withdrawn Projects

If the District requests that the entire Plans, Specifications and Estimate (PS&E) Package be returned for major revisions before the letting, the project will be resubmitted as follows:

1. Resubmit PS&E Package as a new transmittal with all required components. Note on the Transmittal memo by the Transmittal date "Plans completely revised". Note on the lower left corner of the lead Key Sheet, "Plans completely revised. (date)". Project documents in Central Office from the previous submittal will be destroyed or deleted.
2. A project withdrawn for a significant period (nine months or longer) will be updated according to the process outlined in **Chapter 15**, this volume.

Plans rejected from letting by the Awards Committee or withdrawn for minor revisions may not need to follow the above process. District coordination with Central Office Production Management is required to reschedule a letting. Note that a new Proposal/Contract ID number is generated and shall be shown when resubmitting.

**Exhibit 20-A Transmittal of Plans, Specifications, and Estimates Package  
Sheet 1 of 2**

**TRANSMITTAL OF PLANS, SPECIFICATIONS, AND ESTIMATES PACKAGE**

**Date:** \_\_\_\_\_  
**Financial Project ID(s):** \_\_\_\_\_  
**Proposal/Contract ID:** T \_\_\_\_\_ **Letting Date:** \_\_\_\_\_  
**County:** \_\_\_\_\_ **State Road No.:** \_\_\_\_\_  
**Federal Funds:**  No  Yes **Federal Aid No.:** \_\_\_\_\_  
**Work Type:** \_\_\_\_\_

On \_\_\_/\_\_\_/\_\_\_\_\_, the District Director of Transportation Development (Production) certified that the Plans, Specifications and Estimates (PS&E) Package is complete, has no known errors or omissions, has been reviewed for constructability and biddability, and is ready to be advertised for construction.

**The following items transmitted as noted:**

**SEALED PLANS SET ( \_\_\_ SHEETS), SPECIFICATIONS PACKAGE ( \_\_\_\_\_ PAGES):** The Electronic Bid Set was reviewed by \_\_\_\_\_ and posted to the server on \_\_\_/\_\_\_/\_\_\_\_).

**ESTIMATES OFFICE INFORMATION:**

The Authorization Estimate, will be reviewed by District Estimates and posted to the server along with the Details of Selected Proposal, by the Plans to Tallahassee date. At the time of posting, transfer control of the Trns\*port project files to Central Office.

**FEDERAL AID OFFICE INFORMATION:**

**Federal Aid Oversight:**  No  Yes  
FHWA: Approved by \_\_\_\_\_ Date: \_\_\_\_\_  
Print Name of FHWA Engineer

**CONTRACTS OFFICE INFORMATION:**

**Contract Time:** \_\_\_\_\_ Calendar Days  
**Special Start Time:**  No  Yes (If yes, Start Date: \_\_\_/\_\_\_/\_\_\_\_)  
**Flexible Start Time:**  No  Yes (If yes, \_\_\_\_\_ Calendar Days)  
**Acquisition Time:**  Standard  Other (\_\_\_\_\_ days)  
**Lead-based paint:**  No  Yes (If yes, is it greater than 51% of the work?  No  Yes)  
**Alternative Contracting:**  No  Yes  
(If yes, Type: \_\_\_\_\_)  
(If Lump Sum, Checklist 22-A submitted to District Specifications :  No  Yes)  
**Pre-Bid Conference Mandatory?**  No  Yes (Date: \_\_\_/\_\_\_/\_\_\_\_ Time: \_\_\_\_\_ A.M./P.M.)  
(Contact Person and Phone: \_\_\_\_\_)  
(Location of Conference: \_\_\_\_\_)

**SPECIAL NOTES and REQUIREMENTS (List/Explain):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If any items are missing please contact, \_\_\_\_\_  
Contact Name and Phone Number

**Exhibit 20-A Transmittal of Plans, Specifications and Estimates Package  
Sheet 2 of 2**

**REMINDER**

1. Check that all components of the Contract Plans are included as listed on the lead key sheet.
2. Check that all sheets are included according to key sheet indices.
3. Check that all sheets have the correct Financial Project ID.
4. Check that all sheets are legible and reproducible.
5. On strung projects, check that all Summary of Pay Item sheets from the Proposal/Contract ID go in the lead project and the Financial Project ID of the strung project is shown on the lead key sheet.
6. Check that bridge pay item sheets show bridge numbers and the quantity breakdowns.
7. E-mail the Transmittal Memo, Contract File Index and attachments to the group "CO-CPKG" and copy the Project Manager. .
8. Post the Authorization Estimate and the Details of Selected Proposal to the server, SECCADDSREV.
9. Verify the accuracy of the Description, Project Limits, Mileage and Structures.

Special Notes and Requirements:

Anything that affects the advertisement, bidding and award that is not listed above. i.e.:

For A+B projects, include the User Cost Per Day \$\_\_\_\_\_ and Maximum Days \_\_\_\_\_.

**Exhibit 20-B Contract File Index  
Sheet 1 of 2**

**CONTRACT FILE INDEX**

Financial Project ID \_\_\_\_\_

Proposal/Contract ID \_\_\_\_\_

ATTACHMENTS (check if included or list expected date of transmittal to Central Office)

- \_\_\_\_\_ Calendar Days Recommendation\*
- \_\_\_\_\_ Preliminary Engineering Certification\*
- \_\_\_\_\_ Utility Certification
- \_\_\_\_\_ Status of Environmental Certification\*
- \_\_\_\_\_ Permit Transmittal Memo
- \_\_\_\_\_ Railroad Clear Letter
- \_\_\_\_\_ Special Component Plan Approval\*\*

- 
- No  Yes Federal Authorization Request (FAR) Form has been electronically transmitted\*
  - No  Yes Cost Estimate Summary Sheet has been transmitted\*
  - No  Yes Project exempt from FHWA oversight under agreement dated April 26, 1999\*
  - No  Yes Right of Way Certification was mailed to State R/W Administrator
  - No  Yes Local Funds Agreement sent to Office of Comptroller
  - No  Yes Local Funds Sent to Office of Comptroller
  - No  Yes Project is Federally Funded off the State Highway System, requiring a Maintenance Agreement.

If yes, a Maintenance Agreement (Number \_\_\_\_\_) was executed on \_\_\_\_\_.  
A copy is available upon request.

---

\* Include if federally funded.

\*\* Per Volume 2, Section 2.1.

Note: If project is federally funded and has a state funded "Goes With", please provide the same documentation as required for a federally funded project.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name of Project Manager/Other Title

---

**Exhibit 20-B Contract File Index, Sheet 2 of 2**

**REMINDER**

**PROCESS:**

1. Organize attachments in the order listed.
2. Show the number of Maintenance Agreements (Federal funds – off the State Highway System).
3. Show anticipated date of arrival on any item not included in package.

**NOTE:** The Contract File Index is an integral part of the Transmittal of Plans, Specifications and Estimates Package.

**Exhibit 20-C Revision Memo**  
**Sheet 1 of 6**

DATE: \_\_\_\_\_ 1 of \_\_\_\_  
TO: Project Review (CO-PROJREV)  
FROM: \_\_\_\_\_, Project Manager  
SUBJECT: **Revision Number** \_\_\_\_\_ - Letting (mo./yr.) \_\_\_\_  
Financial Project ID \_\_\_\_\_ (Lead number only)  
Proposal/Contract ID \_\_\_\_\_  
Federal Funds:  No  Yes Federal Aid No. \_\_\_\_\_  
County \_\_\_\_\_ State Road No. \_\_\_\_\_  
Concurred by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of DDE, DCPME or DSDE

I have reviewed for effects on the Specifications Package and a package revision is \_\_\_\_  
**is not** \_\_\_\_ required. Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of District Specifications Engineer

If FA Oversight, Authorized By: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Name of FHWA Engineer

REVISIONS RECEIVED IN THE PROJECT REVIEW OFFICE WITHIN 15  
WORK DAYS OF THE LETTING MUST BE APPROVED BY THE DISTRICT  
SECRETARY.

NO REVISIONS ALLOWED WITHIN 5 WORK DAYS OF THE LETTING.

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of District Secretary

SUPPLEMENTAL SPECIFICATIONS PACKAGE NUMBER \_\_\_\_\_ (\_\_\_\_ Pages).  
Description \_\_\_\_\_

REISSUED SPECIFICATIONS PACKAGE \_\_\_\_\_ (\_\_\_\_ Pages).

PLANS REVISION NUMBER \_\_\_\_ (\_\_\_\_ Sheets)

CONTRACT TIME REVISED:  No  Yes (If yes, \_\_\_\_\_ Calendar Days)

## Exhibit 20-C Revision Memo, Sheet 2 of 6

### REMINDER

#### PROCESS:

1. Fill out headings.
2. On oversight projects, get FHWA concurrence. Print name of FHWA Engineer and date.
3. Get concurrence signature from the District Design Engineer, District Consultant Project Management Engineer or the District Structures Design Engineer, as appropriate.
4. Get signature of the District Specifications Engineer.
5. Revisions received in the Project Review Office within 15 work days of the letting must be approved by the District Secretary. Notify Project Review. Revisions are not allowed within 5 work days of the letting.
6. For Supplemental Specification Packages, fill in the Rev. Date, number of pages and a brief description.
7. Enter the sheet number and:  
Describe new pay item number, Rev. Date with old quantity and new quantity, deleted pay item number only, or revised quantities; by entering pay item number with old and new quantities.
8. On bridges indicate "each bridge number" with corrected changes.
9. If a revision will impact the utility plans, adjustments or schedules, provide a copy of the revision memo and affected plan sheets to the District Utilities Engineer.
10. Any change to any pay item, requires replacement of the entire Proposal Summary of Pay Items..
11. Email the Revision approval to Project Review Section (CO-PROJREV) to unlock the summary of pay items.
12. Email Revision Memo to Project Review .

#### REVISED DOCUMENTS:

1. Revised sealed plans sheets including Summary of Pay Items.
2. Revised District Cost Estimate if federally funded.
3. Revised sealed Supplemental Specifications Package.

#### COMPUTATIONS:

Show Financial Project ID on revised computation book sheets, and make available to the District Construction Engineer.

**Exhibit 20-C Revision Memo, Sheet 3 of 6**

DATE: \_\_\_\_\_ of \_\_\_\_\_

Financial Project ID \_\_\_\_\_ (Lead number only)

Proposal/Contract ID \_\_\_\_\_

PLANS REVISION NUMBER \_\_\_\_\_

<u>Sheet Nos.</u>	<u>Rev. Date</u>	<u>Description</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

SUPPLEMENTAL SPECIFICATIONS PACKAGE NUMBER \_\_\_\_\_

<u>Sheet Nos.</u>	<u>Rev. Date</u>	<u>Description</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Summary of Quantities (Trns\*port)**

<b>Pay Item</b>	<b>Sheet No.</b>	<b>Add. / Del. / Rev.</b>	<b>Old Quantity</b>	<b>New Quantity</b>

Central Office Use:  
Processed By: \_\_\_\_\_

**Exhibit 20-C Revision Memo, Sheet 4 of 6**

**EXAMPLE REVISION MEMO**

DATE: March 14, 2007 1 of 2

TO: Project Review (CO-PROJREV)

FROM: \_\_\_\_\_, Project Manager

SUBJECT: **Revision Number** \_\_\_\_\_ - Letting (mo./yr.) \_\_\_\_\_ / \_\_\_\_\_

Financial Project ID 197707-1-52-01 (Lead number only)

Proposal/Contract ID T1235

Federal Funds:  No  Yes Federal Aid No. \_\_\_\_\_

County County Name State Road No. 25

Concurred by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of DDE, DCPME or DSDE

I have reviewed for effects on the Specifications Package and a package revision **is** \_\_\_\_\_  
**is not** \_\_\_\_\_ required. Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of District Specifications Engineer

If FA Oversight, Authorized By: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Name of FHWA Engineer

REVISIONS RECEIVED IN THE PROJECT REVIEW OFFICE WITHIN 15  
WORK DAYS OF THE LETTING MUST BE APPROVED BY THE DISTRICT  
SECRETARY.

NO REVISIONS ALLOWED WITHIN 5 WORK DAYS OF THE LETTING

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of District Secretary

SUPPLEMENTAL SPECIFICATIONS PACKAGE NUMBER \_\_\_\_\_ (\_\_\_\_ Pages).  
Description \_\_\_\_\_

REISSUED SPECIFICATIONS PACKAGE \_\_\_\_\_ (\_\_\_\_ Pages).

PLANS REVISION NUMBER 2 ( 4 Sheets)

CONTRACT TIME REVISED:  No  Yes (If yes, \_\_\_\_\_ Calendar Days)

**Exhibit 20-C Revision Memo, Sheet 5 of 6**

**EXAMPLE REVISION MEMO**

DATE: March 14, 2007

2 of 2

Financial Project ID 197707-1-52-01 (Lead number only)

Proposal/Contract ID T1235

PLANS REVISION NUMBER 2

<u>Sheet Nos.</u>	<u>Rev. Date</u>	<u>Description</u>
<u>1</u>	<u>3-14-07</u>	<u>Listed Revisions</u>
<u>2</u>	<u>3-14-07</u>	<u>See Summary of Quantities Table below</u>
<u>3</u>	<u>3-14-07</u>	<u>See Summary of Quantities Table below</u>
<u>4</u>	<u>3-14-07</u>	<u>Transport updated.</u>

SUPPLEMENTAL SPECIFICATIONS PACKAGE NUMBER \_\_\_\_\_

<u>Sheet Nos.</u>	<u>Rev. Date</u>	<u>Description</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Summary of Quantities (Trns\*port)**

<b>Pay Item</b>	<b>Sheet No.</b>	<b>Add. / Del. / Rev.</b>	<b>Old Quantity</b>	<b>New Quantity</b>
<b>120-1</b>	<b>2</b>	<b>Rev</b>	<b>121,172 CY</b>	<b>128,237 CY</b>
<b>120-6</b>	<b>2</b>	<b>Rev</b>	<b>96,143 CY</b>	<b>95,680 CY</b>
<b>425-1-559</b>	<b>2</b>	<b>Add</b>		<b>1 EA</b>
<b>530-3-3</b>	<b>3</b>	<b>Rev</b>	<b>54.7 TN</b>	<b>57.7 TN</b>
<b>530-3-4</b>	<b>3</b>	<b>Rev</b>	<b>86-7 TN</b>	<b>32.0 TN</b>

Central Office Use:

Processed By: \_\_\_\_\_

**Exhibit 20-C Revision Memo, Sheet 6 of 6**  
**EXAMPLE SUMMARY OF PAY ITEMS SHEET**

NOTICE THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.

DATE: 07/14/07		FLORIDA DEPARTMENT OF TRANSPORTATION		PAGE: 1 A0001		SHEET NO.
PROPOSAL: T1235		PROPOSAL SUMMARY OF PAY ITEMS		MANDIST: 01		
PROJECTS: 19770715201 COUNTY/SECTION: 16180000		LEAD PROJECT: 19770715201 COUNTY: POLK		MANDIST: 01		SUMMARY OF PAY ITEMS
0001 SUMMARY OF ROADWAY		PAY ITEMS		PAY ITEMS		
ALT	ITEM NUMBER	DESCRIPTION	UN	19770715201	QUANTITY TOTAL	
	10999-102-2	ISPEED & LAM ENFORCEMENT OFFICER, STATE FURNISHED, MOBILE UNIT ON TRACT	IMH	1.000	1.000	
	10101-1	MAINTENANCE OF TRAFFIC	LLS	1.000	1.000	
	10102-1	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	ICY	1050.000	1050.000	
	10103-1	LEADING OFFICER	ICD	100.000	100.000	
	10103-60	WORK ZONE SIGNS	IED	60030.000	60030.000	
	10102-61	BUSINESS SIGNS	IEA	54.000	54.000	
	10102-71	BARRIER WALL TEMPORARY, F&I, CONCRETE	LEF	19171.000	19171.000	
	10102-74	ADVANCE WARNING ARROW PANEL, TYPE 11, 6', D1, WP & DRUM	LEF	378.000	378.000	
	10102-76	BARRICADE, TEMPORARY, TYPE 11, 6'	LED	290.000	290.000	
	10102-77	REFLECTIVE PAVEMENT MARKER TEMPORARY	LEA	4059.000	4059.000	
	10102-79	LIGHTS, BARRIER WALL MOUNT, TEMP, TYPE C, STEADY BURN	LED	2939.000	2939.000	
	10102-89	CRASH CUSHION/IMPACT ATTENUATOR, TEMPORARY	LEA	69.000	69.000	
	10102-99	CHANGABLE VARIABLE MESSAGE SIGN, TEMPORARY	LEA	14.000	14.000	
	10102-150	PORTABLE REGULATORY SIGN	LEA	118.000	118.000	
	10102-150	RADAR SPEED DISPLAY UNIT	LEA	180.000	180.000	
	10104-1	STAKED SPLIT FENCE, TYPE 111	LEF	48.000	48.000	
	10104-15	ISO L TRACKING PREVENTION DEVICE	LEA	20646.000	20646.000	
	10104-71	POLE SIGN, 900 SQ FT	LEA	1925.000	1925.000	
	10110-1	CLEARING & GRUBBING	LEA	14.000	14.000	
	10110-7	MAILBOX, F&I, SINGLE	LEA	1.000	1.000	
	10120-4	INSOIL EXCAVATION	LEA	12827.000	12827.000	
	10120-6	EMBANKMENT	ICY	95680.000	95680.000	
	10160-4	STABILIZATION TYPE B	SY	7085.000	7085.000	
	10286-1	TURNOUT CONSTRUCTION GROUP 11	SY	1066.000	1066.000	
	10327-70-15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	SY	62414.000	62414.000	
	10334-1	ISPERM ASPH CONC COURSE, 1.5" FC-5, PG 6-22	SY	38646.500	38646.500	
	10341-70	IASPHALT RUBBER MEMBRANE INTERLAYER	SY	62585.000	62585.000	
	10400-1	CONCRETE CLASS 1, EDWALLS	ICY	14.000	14.000	
	10400-2	CONCRETE CLASS 1, MISCELLANEOUS	ICY	179.600	179.600	
	10400-4	CONCRETE CLASS IV, CULVERTS	ICY	139.100	139.100	
	10415-1	PREINF STEEL ROADWAY	LEB	20914.000	20914.000	
	10425-1	INLETS, CURB, TYPE P-5, <10'	LEA	20.000	20.000	
	10425-2	INLETS, CURB, TYPE P-6, <10'	LEA	4.000	4.000	
	10425-3	INLETS, CURB, TYPE J-5, <10'	LEA	5.000	5.000	
	10425-4	INLETS, CURB, TYPE J-6, <10'	LEA	4.000	4.000	
	10425-5	INLETS, CURB, TYPE B, <10'	LEA	4.000	4.000	
	10425-6	INLETS, DT BOT, TYPE C, <10'	LEA	1.000	1.000	
	10425-7	INLETS, DT BOT, TYPE D, <10'	LEA	2.000	2.000	
	10425-8	INLETS, DT BOT, TYPE E, MODIFY	LEA	1.000	1.000	
	10425-9	INLETS, GUTTER, TYPE S, <10'	LEA	3.000	3.000	
	10425-10	INLETS, SPECIAL, PARTIAL	LEA	1.000	1.000	
	10425-2-41	MANHOLES, P-7, <10'	LEA	3.000	3.000	
	10425-2-42	MANHOLES, P-7, <10'	LEA	5.000	5.000	
	10425-2-72	MANHOLES, P-7, <10'	LEA	3.000	3.000	
	10425-2-72	MANHOLES, J-7, <10'	LEA	3.000	3.000	

**Exhibit 20-D Status of Environmental Certification  
Sheet 1 of 2**

**STATUS OF ENVIRONMENTAL CERTIFICATION**

Financial Project ID \_\_\_\_\_  
Proposal/Contract ID \_\_\_\_\_  
Federal Aid No. \_\_\_\_\_  
Project Description \_\_\_\_\_

This project is a Categorical Exclusion under 23 C.F.R. 771.117:

\_\_\_\_\_ This project is a Type 1 Categorical Exclusion under (23 CFR 771.117(c)) effective November 27, 1987 as determined on \_\_\_\_\_, and the determination remains valid.

\_\_\_\_\_ This project is a Programmatic Categorical Exclusion per FHWA, FTA, and FDOT Agency Operating Agreement executed on January 15, 2003 as determined on \_\_\_\_\_, and the determination remains valid.

The environmental document for this project was a (check one):

\_\_\_\_\_ A Type 2 Categorical Exclusion under 23 C.F.R. 771.117(d) approved on \_\_\_\_\_,

\_\_\_\_\_ A Finding of No Significant Impact under 23 C.F.R. 771.121 approved on \_\_\_\_\_, or

\_\_\_\_\_ A Final Environmental Impact Statement under 23 C.F.R. 771.125 approved on \_\_\_\_\_.

A reevaluation in accordance with 23 C.F.R. 771.129 was (check one):

\_\_\_\_\_ Approved on \_\_\_\_\_.

\_\_\_\_\_ Not required.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Environmental Administrator

**Exhibit 20-D      Status of Environmental Certification**  
**Sheet 2 of 2**

**REMINDER**

***Exhibit 20-D*** must be completed on all federally funded projects. On federally funded projects strung with non-FA projects, the FA project is to be the lead project. Regarding federal environmental compliance, the limits of the environmental document will control the scope of compliance with NEPA requirements. NEPA requirements (including staging areas and Contractors' off-site activities) must only be met for that portion of the project included within the "logical termini" as described in the NEPA document associated with the federally funded portion of the contract.

**Exhibit 20-E Preliminary Engineering Certification  
Sheet 1 of 2**

**MEMORANDUM**

DATE: \_\_\_\_\_

TO: \_\_\_\_\_, Federal Aid Programs Manager

FROM: \_\_\_\_\_, Design Project Manager

COPIES:

SUBJECT: **PRELIMINARY ENGINEERING CERTIFICATION** (Federal Aid Projects Only)

Financial Project ID \_\_\_\_\_

Proposal/Contract ID \_\_\_\_\_

Federal Aid No. \_\_\_\_\_

Preliminary Engineering (design) was funded with:

\_\_\_\_ State Funds under,  
Financial Project ID \_\_\_\_\_

\_\_\_\_ Federal Funds authorized under,  
Federal Aid No. \_\_\_\_\_  
Financial Project ID \_\_\_\_\_

The following projects, designed with the same Preliminary Engineering funds,  
will be strung to (awarded with) the subject project:

Federal Aid No. \_\_\_\_\_, Financial Project ID \_\_\_\_\_,  
Federal Aid No. \_\_\_\_\_, Financial Project ID \_\_\_\_\_.

The Preliminary Engineering for the subject project is \_\_\_\_ open/ \_\_\_\_ closed. If  
open,

\_\_\_\_ it will be closed after PS&E authorization, or  
\_\_\_\_ it is a district wide project. Task order number \_\_\_\_ for this project is closed.

The financial number will be open for other projects.

\_\_\_\_ it will remain open for additional charges, as follows: \_\_\_\_\_  
\_\_\_\_\_

The FDOT Project Manager may be contacted at (phone): \_\_\_\_\_

**Exhibit 20-E Preliminary Engineering Certification  
Sheet 2 of 2**

**REMINDER**

Under "Preliminary Engineering (design) was funded with:"

The Financial Project ID should always have a 3X phase in it. 3X is for  
Preliminary Engineering (design). Example: 415211-1-32 01  
or 415211-1-31 01

## 20.6 Retention of Electronic Documents

The documents and files created throughout the life of a project must be retained in electronic format. There are several different storage systems used for retaining these records. See **Figure 20.3**.

**Figure 20.3 Storage of Electronic Documents**

TIMS	Electronic Data Management System (EDMS)			
	DESIGN EDMS	CONTRACTS EDMS	CONSTRUCTION EDMS	STRUCTURES MANAGEMENT EDMS
	Legal Records for Department of State Requirements - Image files (TIF) only For Information on Specific Document Types stored in each Group contact the Responsible Office			
<p>PEDDS DATABASE</p> <p>Electronic Vault for Storage of electronically signed files</p> <p>For Storage of:                      -Project CD                      -Plans and Specs CD                      -Revisions CD                      -Cat II Bridge As-Built files</p> <p>Files stored in the PEDDS Database cannot be overwritten.</p> <p>Phase to prepare As-Built Plans.</p>	<p>Design Records</p> <p>Groups</p> <ul style="list-style-type: none"> <li>- Architectural</li> <li>- Community Involvement</li> <li>- Drainage</li> <li>- Environmental Permits</li> <li>- Estimates</li> <li>- FDOT Publications</li> <li>- Geotechnical/Materials</li> <li>- Landscaping</li> <li>- Lighting</li> <li>- Product Evaluation</li> <li>- Project Management</li> <li>- Rdwy Design Documentation</li> <li>- <b>Does not include Plans</b></li> <li>- Roadway Resource Library</li> <li>- Specifications</li> <li>- Structures</li> <li>- Structures Resource Library</li> <li>- Tolls Facilities</li> <li>- Traffic Design</li> <li>- Utility Agreements</li> </ul> <p><b>NOTE: Contract Plans are not stored in the Design EDMS</b></p>	<p>Contracts Records</p> <p>Groups</p> <ul style="list-style-type: none"> <li>- Construction Contracts:                             <ul style="list-style-type: none"> <li>- Amendments</li> <li>- Bid Blank</li> <li>- Certificate Of Insurance</li> <li>- Contract</li> <li>- Federal Aid Contract</li> <li>- Provisions</li> <li>- Permits</li> <li>- Pertinent Pages</li> <li>- Proposal</li> <li>- Special Provisions</li> <li>- Specifications</li> <li>- Supplemental</li> <li>- Specifications</li> <li>- Utility Work Schedule</li> <li>- Wage Rate</li> </ul> </li> <li>- Supporting Construction</li> <li>- Contract Documents:                             <ul style="list-style-type: none"> <li>- Award Letter</li> <li>- Correspondence</li> <li>- Daily Diaries</li> <li>- Execution Letter</li> <li>- Final Estimates</li> <li>- Package</li> <li>- Work Progress</li> </ul> </li> </ul> <p><b>NOTE: Contract Plans are not stored in the Contracts EDMS.</b></p>	<p>Construction Records</p> <p>Groups</p> <ul style="list-style-type: none"> <li>- Claim</li> <li>- Compliance</li> <li>- Contract Changes</li> <li>- Includes Design Errors and Omissions, Field SA/Work Orders and SA/Change Orders</li> <li>- Contract Documents</li> <li>- <b>Does not include Plans</b></li> <li>- Daily Diary</li> <li>- Estimates</li> <li>- Final Estimates</li> <li>- General Correspondence</li> <li>- Job Correspondence</li> <li>- Material Sampling and Reporting</li> <li>- Pre-Letting</li> <li>- Includes Design</li> <li>- Correspondence</li> <li>- Quality Assurance/Quality Control</li> <li>- Service Contracts</li> <li>- Shop Drawing Transmittals</li> <li>- Structure</li> <li>- Sublet Work</li> <li>- Time Correspondence</li> <li>- Unpaid Bills</li> <li>- Utility</li> </ul> <p><b>NOTE: As-Built Plans are not stored in Construction EDMS, but are stored separately in the Construction Final Plans Management System.</b></p>	<p>Maintenance Records</p> <p>Groups</p> <ul style="list-style-type: none"> <li>- Bridge Plans and Specifications</li> <li>- Bridge Record</li> <li>- Bridge Shop Drawings</li> <li>- Correspondence</li> <li>- Geotechnical</li> <li>- High Mast Record</li> <li>- Sign Record</li> <li>- Structural Calculations</li> <li>- As-Bid Plans</li> <li>- As-Built Plans</li> <li>- Repair As-Bid Plans</li> <li>- Repair As-Built Plans</li> <li>- Widening As-Bid Plans</li> <li>- Widening As-Built Plans</li> </ul>