

## CHAPTER ~~13~~14 FORMS ACCESS SECTION

### ~~14.1 13.1~~ PURPOSE

This chapter presents the forms that shall be used in the preparation of final estimates, and serves as a user's reference in the usage of these forms. All forms examples/samples can be found in the *Computation Methods for Design, Construction and Final Estimates (CMDCFE) Handbook*.

### ~~14.2 13.2~~ SCOPE

For each form discussed in this procedure, the following information relating to the forms will be shown: form name and number, form access information and a brief description of the order.

### ~~14.3 13.3~~ FORMS ARE AVAILABLE AS FOLLOWS

Both Department and Consultant personnel can acquire (Computation Book forms, Site Source Records and District Final Estimates Office (DFEO) forms other Construction forms) through the DISOSS library system on FDOT's mainframe computer using Informs Organization, Forms and Procedures Office (OF&P) website on the Department's Internet site and the State Construction Office website. For instructions on accessing the forms library and Informs, contact the help desk in your district.

Special Note: Informs filler is required to work with forms from the Informs automated forms library (since phase out of Word Perfect began in 1997, our forms are no longer available in Word Perfect Format.)

The above forms can also be obtained through the Office of Organization Forms and Procedures. Our forms will no longer be available through the Central Warehouse in Gainesville.

For Design both Department and Consultants can access the Computation Book forms through CADD Applications Support Office.

### ~~14.4 13.4~~ FORM REQUIREMENTS

It will be **MANDATORY** that Consultants, FDOT Design and Construction use the form(s) as indicated in the *Basis of Estimates Handbook* and *Final Estimates, Preparation and Documentation Manual*.



NEW FORM NO. -----	TITLE -----	GADD FORM -----
700-050-01	AREA COMPUTATIONS	FORM1
<del>700-050-1A</del>	<del>AREA COMPUTATIONS CONTINUATION</del>	<del>FORM1A</del>
700-050-02	CURB/GUTTER CALCULATIONS	FORM2
<del>700-050-2A</del>	<del>CURB/GUTTER CALCULATIONS CONTINUATION</del>	<del>FORM2A</del>
700-050-03	LINEAR MEASUREMENTS, COMPONENT WEIGHT, PER HOUR, PER DAY OR PER EACH COMPUTATIONS	FORM3
<del>700-050-3A</del>	<del>LINEAR MEASUREMENTS, COMPONENT WEIGHT, PER HOUR, PER EACH COMPUTATIONS CONTINUATION</del>	<del>FORM3A</del>
700-050-04	VOLUME MEASURE ITEMS	FORM4
<del>700-050-4A</del>	<del>VOLUME MEASURE ITEMS CONTINUATION</del>	<del>FORM4A</del>
700-050-05	LUMP SUM QUANTITIES	FORM5
700-050-06	WEIGHT MEASURE OR LIQUID VOLUME COMPUTATIONS	FORM6
<del>700-050-6A</del>	<del>WEIGHT MEASURE OR LIQUID VOLUME COMPUTATIONS CONTINUATION</del>	<del>FORM6A</del>
700-050-07	CONCRETE & REINFORCING STEEL COMPUTATIONS	FORM7
<del>700-050-7A</del>	<del>CONCRETE &amp; REINFORCING STEEL COMPUTATIONS CONTINUATION</del>	<del>FORM7A</del>
700-050-08	PILING TABULATION	FORM8
<del>700-050-8A</del>	<del>PILING TABULATION CONTINUATION</del>	<del>FORM8A</del>

700-050-09	LINEAR MEASUREMENT COMPUTATION WITH COMPONENTS	FORM9
<del>700-050-9A</del>	<del>LINEAR MEASUREMENT COMPUTATION WITH COMPONENTS CONTINUATION</del>	<del>FORM9A</del>
700-050-10	COMPUTATION BOOK PAY ITEM SUMMARY SHEET <u>AND COMPUTATION BOOK PAY ITEM SUMMARY &amp; CERTIFICATION SHEET</u>	FORM10
<del>700-050-11</del>	<del>COMPUTATION BOOK PAY ITEM SUMMARY &amp; CERTIFICATION SHEET</del>	<del>FORM11</del>
<del>700-050-12</del>	<del>ASPHALT ROADWAY – AS BUILT PAVEMENT DATA FORM</del>	
<u>700-050-12A</u>	<u>ASPHALT ROADWAY – AS BUILT PAVEMENT DATA FORM (LIMS)</u>	
<del>700-050-20</del>	<del>FINAL PLANS and ESTIMATE TRANSMITTAL</del>	
<del>700-050-21</del>	<del>CONTRACTOR'S AFFIDAVIT and SURETY CONSENT (Form 21-A)</del>	
<del>700-050-22</del>	<del>Form 21-A (Modified) SURETY TAKEOVER</del>	
<del>700-050-23</del>	<del>RECORD OF CONSTRUCTION MATERIALS AFFIDAVIT</del>	
<del>700-050-24</del>	<del>DISTRICT RECORD OF FINAL PLANS and ESTIMATES</del>	
<del>700-050-25</del>	<del>FEDERAL WAGE RATE AFFIDAVIT</del>	
<del>700-050-26</del>	<del>FINAL INTEREST PAYMENT LOG</del>	
<del>700-050-28</del>	<del>ESTIMATES OFFICE RECORD OF FINAL PLANS and DOCUMENTS</del>	
<del>700-050-29</del>	<del>FHWA-47 ROUTING SHEET</del>	
<del>700-050-30</del>	<del>DBE UTILIZATION CERTIFICATION</del>	
<del>700-050-31</del>	<del>CONTRACT TIME</del>	
<del>700-050-32</del>	<del>DISTRICT FINAL ESTIMATES ENGINEER'S WORKSHEET</del>	
<del>700-050-33</del>	<del>STATEMENT OF MATERIALS and LABOR USED by</del>	

	<u>CONTRACTORS on HIGHWAY CONSTRUCTION (Metric)</u>
<u>700-050-34</u>	<u>STATEMENT OF MATERIALS and LABOR USED by CONTRACTORS on HIGHWAY CONSTRUCTION (English)</u>
<u>700-050-35</u>	<u>EARTHWORK SURVEY/CROSS SECTIONS WAIVER</u>
<u>700-050-36</u>	<u>FINAL ESTIMATES REVIEW FORM</u>
<u>700-050-37</u>	<u>GRS CONTRACT ESTIMATE TRANSMITTAL- ACTION REQUEST</u>
<del>700-050-28</del> <u>700-050-38</u>	<u>CERTIFICATION AS TO ACCURACY OF FINAL ESTIMATES</u>

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### SITE SOURCE RECORDS

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700-050-50	OFF-DUTY <del>OFFICER</del> <u>POLICE OFFICER</u>
700-050-51	DAILY LOG SHEET, MAINTENANCE OF TRAFFIC
700-050-52	DAILY LOG SHEET, STRIPING
700-050-53	FINAL MEASUREMENTS
700-050-54	DAILY REPORT OF TRUCK-MEASURED MATERIAL
700-050-55	DAILY LOG SHEET-GRASSING ITEMS
700-050-56	DAILY LOG SHEET-MISCELLANEOUS TABULATION FORM
700-050-57	LANE RENTAL
700-050-58	DAILY RECORD OF EXTRA WORK
700-050-59	EXTRA WORK SUMMARY
700-050-60	FIELD BOOK-LOG
<u>700-050-62</u>	<u>CONTRACTOR'S CERTIFIED INVOICE-CERTIFICATION OF QUANTITIES MOT SHEET</u>
<u>700-050-62a</u>	<u>CONTRACTOR'S CERTIFICATION OF QUANTITIES MOT SHEET (CONTINUATION)</u>

<u>700-050-63</u>	<u>CONTRACTOR'S CERTIFIED INVOICE CERTIFICATION OF QUANTITIES BITUMINOUS MATERIAL (LUMP SUM PROJECTS)</u>
<u>700-050-64</u>	<u>CONTRACTOR'S CERTIFIED INVOICE CERTIFICATION OF QUANTITIES BITUMINOUS MATERIAL (PRIME or TACK COAT)</u>
<u>700-050-63</u> <u>700-050-65</u>	<u>CONTRACTOR CERTIFIED INVOICE CERTIFICATION OF QUANTITIES BITUMINOUS MATERIAL (DESIGN-BUILD PROJECTS)</u>
<u>700-050-66</u>	<u><del>700-050-66</del> CONTRACTOR'S CERTIFICATION OF QUANTITIES ASPHALT AND BITUMINOUS MATERIAL (CONVENTIONAL PROJECTS)</u>
<u>700-050-67</u>	<u>MOT-PAINTED PAVEMENT MARKINGS (DAILY WORKSHEET)</u>
<u>700-050-68</u>	<u>MOT-PAVEMENT MARKINGS (CERTIFICATION OF QUANTITIES)</u>
<u>700-050-69</u>	<u>COMPUTER SUMMARY OF QUANTITIES FOR ASPHALT CONCRETE</u>
<u>700-050-70</u>	<u>INITIAL RETROREFLECTIVITY READING CERTIFICATION (DAILY WORKSHEET)</u>

## ~~14.5~~ ~~13.5~~ FINAL ESTIMATE FORMS

The Standard Computation Forms have been developed by the Florida Department of Transportation (FDOT) and are intended to serve the needs of Design, Construction and Estimates personnel. In Design they are used to record calculations and tabulations for plan-original estimated quantity. Construction personnel must modify plan-this quantity to reflect what was constructed and enter a tentative final pay quantity. The Estimates personnel must check both the original or plan quantity, versus the final quantity, and substantiate what quantity is to be paid to the Contractor in agreement with all specifications and FDOT policies if applicable.

The forms assembled in the Computation Book provide a simple and logical basis for the Summary of Pay Item Sheet in the contract Plans. The calculations required for the different forms range from the tabulations of "each item" or "lump sum items" to complex area or volume calculations. The designer will use the form recommended in the ***Basis of Estimates Handbook*** for each item calculated or tabulated if practical.

The standard form size is legal, 8" by 14". Any suggestions for the forms should be directed to the State Final Estimates Office in Tallahassee.

- (A) Do not show the quantities for more than one item on the same form unless they are directly related, such as base and surface or fencing and pull post assemblies.
- (B) Other types of forms may be made up to tabulate quantities or show sketches and calculations, if the preprinted forms are not adequate.
- (C) When the calculations are in the form of computer output, summarize the answers on the estimate form and cross reference to the computer computations.
- (D) Computer output for earthwork or other bulky calculations will be placed in the Secondary Computation Book. The quantities shall be labeled, the calculations verified and the final pay quantity transferred to the Primary Computation Book and/or plan sheet.

## ~~14.5.1 13.5.1~~ Area Computations Form No. 700-050-01

CADD Form 4

This form is designed to be used for pay items with area calculations. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. Only one pay item shall be used on a form with the pay item number and description shown. The designer columns are clearly separated from the construction columns. ~~(See Form on page no. 13-19).~~

**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. ~~The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 Computation method for Design, Construction and Final Estimates (CMDCFE) booklet Handbook.~~ The signature block indicates Design has ~~furnished all supporting~~ furnished the necessary measurements, calculations and documentation ~~has been verified each~~ required for the plan quantity concept items only based on the current criteria. ~~(See Procedures in the CMDCFE Handbook).~~

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE ~~booklet Handbook~~ for instructions on placing backup documentation for any changes.

## ~~14.5.2 13.5.2~~ Area Computation Continuation Form No. 700-050-1A

CADD Form 1A /Forms Library

~~This form is designed to support form #700-050-01 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-01. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. ~~(See Form on Page no. 13-20).~~~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to~~

~~be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet [Handbook](#).~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE booklet [Handbook](#) for instructions on placing backup documentation for any changes.~~

### ~~14.5.3~~ ~~14.5.2~~ ~~13.5.3~~ **Curb/Gutter Computations**

**Form No. 700-050-02**

CADD Form 2/Forms Library

This form is designed to be used for pay items with linear measurements. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. Only one pay item shall be used on a form with the pay item number and description shown. The designer columns are clearly separated from the construction columns. ~~(See Form on page no. 13-21).~~

**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. ~~The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet [Handbook](#).~~ The signature block indicates Design has ~~furnished all supporting~~ furnished the necessary measurements, calculations and documentation ~~has been verified each~~ required for the plan quantity concept items only based on the current criteria. ~~(See Procedures in the CMDCFE Handbook).~~

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE ~~booklet~~ [Handbook](#) for instruction on placing backup documentation for any changes.

### ~~14.5.4~~ ~~13.5.4~~ **Curb/Gutter Computations Continuation**

**Form No. 700-050-2A**

CADD Form 2A /Forms Library

~~This form is designed to support form #700-050-02 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-02. It can be used for itemized calculations or as a~~

~~summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-22).~~

~~Designers will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet Handbook.~~

~~Construction personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE booklet Handbook for instructions on placing backup documentation for any changes.~~

### ~~14.5.5~~ 14.5.3 ~~13.5.5~~ — Linear Measurement, Component Weight, Per Hour

#### Per Day or Per Each Computations Form No. 700-050-03

CADD Form 3 /Forms Library

This form is designed to be used for multiple pay items. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both.

Only one pay item shall be used on a form with the pay item number and description shown. The designer columns are clearly separated from the construction columns.

~~(See Form on page no. 13-23).~~

~~Designers will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE Booklet Handbook.~~ The signature block indicates Design has ~~furnished all supporting~~ furnished the necessary measurements, calculations and documentation ~~has been verified each~~ required for the plan quantity concept items only. based on the current criteria. (See Procedures in the CMDCFE Handbook).

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.

~~14.5.6~~ ~~13.5.6~~ **Linear Measurement, Component Weight Per Hour Per Day or Per Each Computations Continuation**  
**Form No. 700-050-3A** CADD Form 3A /Forms Library

~~This form is designed to support form #700-050-03 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-03. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-24).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and referenced to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten(10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE [booklet Handbook](#).~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.~~

~~14.5.7~~ ~~14.5.4~~ ~~13.5.7~~ **Volume Measure Items**  
**Form No. 700-050-04** CADD Form 4 /Forms Library

This form is designed to be used for pay items with volume measurements. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. Only one pay item shall be used on a form with the pay item number and description shown. The designer columns are clearly separated from the construction columns. ~~(See Form on page no. 13-25).~~

**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. ~~The sketches and computer outputs supporting designer's~~

~~quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instruction for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet Handbook.~~ The signature block indicates Design has ~~furnished all supporting~~ furnished the necessary measurements, calculations and documentation ~~has been verified each~~ required for the plan quantity concept items only. based on the current criteria. (See Procedures in the CMDCFE Handbook).

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE ~~booklet~~ Handbook for instructions on placing backup documentation for any changes.

### ~~14.5.8~~ ~~13.5.8~~ **Volume Measure Items Continuation**

**Form No. 700-050-4A**

CADD Form 4/Forms Library

~~This form is designed to support form #700-050-04 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-03. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-26).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and referenced to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet Handbook.~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE booklet Handbook for instructions on placing backup documentation for any changes.~~

### ~~14.5.9~~ ~~14.5.5~~ ~~13.5.9~~ **Lump Sum Quantities**

**Form No. 700-050-05**

CADD Form 5/Forms Library

The Lump Sum form is used for estimating or calculating quantities paid on a lump sum basis. For cost estimating purposes it is necessary to calculate certain quantities in usable units. Therefore, when secondary units are shown in the plans, a space is provided to show this quantity along with the supporting dimensions and calculations (refer to ~~article 9-3.3 in the 1991 Standard~~ Section 9-3 of the Specifications). The designers are also provided with a remark column for their comments and notes pertaining to the item calculations. Construction personnel will record the final quantity in their column and provide comments and notes for any adjustments made. (See Form on page no. 13-27).

### ~~14.5.10~~ 14.5.6 ~~13.5.10~~ — **Weight Measure or Liquid Volume Computations**

**Form No. 700-050-06**

~~CADD Form 6/Forms Library~~

This form is designed to be used for multiple pay items. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. Only one pay item shall be used on a form with the pay item number and description shown. The designer columns are clearly separated from the construction columns.

~~(See Form on page no. 13-28).~~

**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. ~~The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instruction for Primary and Secondary computation book referencing and numbering system in the 1999~~ CMDCFE booklet Handbook.—The signature block indicates Design has ~~furnished all supporting~~ furnished the necessary measurements, calculations and documentation ~~has been verified each~~ required for the plan quantity concept items only. based on the current criteria. (See Procedures in the CMDCFE Handbook).

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE ~~booklet~~ Handbook for instructions on placing backup documentation for any changes.

### ~~14.5.11~~ ~~13.5.11~~ **Weight Measure or Liquid Volume Computations Continuation**

**Form No. 600-030-6A**

~~CADD Form 6A/Forms Library~~

~~This form is designed to support form #700-050-06 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project**~~

~~**Grand Total** on form 700-050-06. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-29).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet [Handbook](#). The signature block indicates Design has furnished all supporting measurements, calculations and documentation has been verified each for the plan quantity concept items only.~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE booklet [Handbook](#) for instructions on placing backup documentation for any changes.~~

## ~~14.5.12~~ 14.5.7 ~~13.5.12~~ **Concrete and Reinforcing Steel Computations**

### **Form No. 700-050-07**

CADD Form 7/Forms Library

This form is designed to be used for multiple pay items. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns.

~~(See Form on page no. 13-30).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet [Handbook](#). The signature block indicates Design has furnished all supporting measurements, calculations and documentation has been verified each required for the plan quantity concept items only. based on the current criteria. (See Procedures in the CMDCFE Handbook).~~

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE ~~booklet~~ Handbook for instructions on placing backup documentation for any changes.

### ~~14.5.13 13.5.13 Concrete and Reinforcing Steel Computations Continuation~~

~~Form No. 700-050-7A~~ ~~CADD Form 7A/Forms Library~~

~~This form is designed to support form #700-050-07 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-07. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-31).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE [bookletHandbook](#).~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [bookletHandbook](#) for instructions on placing backup documentation for any changes.~~

### ~~14.5.14~~ **14.5.8 13.5.14 Piling Tabulation**

~~Form No. 700-050-08~~ ~~CADD Form 8/Forms Library~~

This form is designed to be used for pay items with linear measurements. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. ~~(See Form on page no. 13-32).~~

**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. ~~The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE [bookletHandbook](#).~~

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.

### ~~14.5.15 13.5.15 Piling Tabulation Continuation~~

~~Form No. 700-050-8A~~

~~CADD Form 8A/Forms Library~~

~~This form is designed to support form #700-050-08 when the calculations for a pay item (English or Metric) exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-08. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-33).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE [booklet Handbook](#).~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.~~

### ~~14.5.16 14.5.9 13.5.16~~ Linear Measurement Computation with Components

~~Form No. 700-050-09~~

~~CADD Form 9/Forms Library~~

~~This form is designed to be used for pay items with linear measurements. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both. The designer columns are clearly separated from the construction columns. (See Form on page no. 13-34).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or~~

~~less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE booklet [Handbook](#).~~

**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.

### ~~14.5.17 13.5.17 Linear Measurement Computation with Components Continuation~~

~~Form No. 700-050-9A~~

CADD Form 9A/Forms Library

~~This form is designed to support form #700-050-09 when pay item calculations exceed more than one page. The **Page Total** on this form is there to be transported to the **Project Grand Total** on form 700-050-09. It can be used for itemized calculations or as a summary sheet for computerized calculations or a combination of both.~~

~~The designer columns are clearly separated from the construction columns.  
(See Form on page no. 13-35).~~

~~**Designers** will use their columns to identify area limits along with their calculations and make notes and references to those areas. These notes and remarks are to be complete and show the plans intent. The sketches and computer outputs supporting designer's quantities will be placed behind this form only when the documentation is ten (10) pages or less. If the backup data is more than ten (10) pages then the entire backup is required to be placed in a secondary computation book and clearly referenced. See instructions for Primary and Secondary computation book referencing and numbering system in the 1999 CMDCFE [booklet Handbook](#).~~

~~**Construction** personnel will enter changes to original quantities, as required, or make additional calculations to reflect the actual constructed area with their notes and comments in their remark column. Construction will also refer to the CMDCFE [booklet Handbook](#) for instructions on placing backup documentation for any changes.~~

## ~~14.5.18~~ **14.5.10 13.5.18** — **Computation Book Pay Item Summary Sheet and Certification**

**Form No. 700-050-10**

CADD Form 10/Forms Library

This form is designed to be lead sheet(s) of the final estimate. It shows the final quantity of each item and its unit price along with the extended amount due. The pay-item description and unit of measure are shown as well as a space for the computation book page number reference. If plan sheets are used to record final quantities, show plan sheet number in this column. (Example: Plan Sheet 3 for Summary of Drainage Structures would be entered PS3.) The second page of this form is designed to be the last sheet of the leading final estimates sheets. In addition to the information shown on sheet one, space is provide for summations of the total amount of the project. Space is also provided for the certifying signatures of the Project Administrator, Resident Engineer. The certification requirements are outlined in **Chapter 4 of the Review and Administration Manual**. Space is provided on the second sheet for DFEO reviews and signature. This form will not be necessary if the Contract Reporting System (CRS) computer printout Computation Book Pay Item Summary Sheet (formerly known as the Final Estimate Sheet) is used. (See Form on page no. 13-36).

## ~~14.5.19 13.5.19~~ **Computation Book Pay Item Summary Sheet** —

**Form No. 700-050-11**

CADD Form 11/Forms Library

~~This form is designed to be the last sheet of the leading final estimates sheets. In addition to the information shown on Form 700-050-10, space is provided for summations of the total amount of the project. Space also provided for the certifying signatures of the Project Engineer, Resident Engineer and District Construction Engineer. This form will not be necessary if the CRS computer printout Computation Book Pay Item Summary and Certification Sheet (formerly known as the Final Estimate Sheet) is used. (See Form on page no. 13-37).~~

## **14.5.11 Asphalt Roadway-As Built Pavement Data**

**Form No. 700-050-12 & 12A (LIMS)**

The purpose of this form is to record main line pavement data as the pavement operation progresses. This form is to be updated and maintained throughout paving operations and will provide a complete record of pavement operations at the end of each project. The objective is to provide a Pavement Design Engineer with sufficient information and necessary data that can be used to develop and apply proper engineering practices for future Roadway Development, Maintenance, Design, etc. Form 12A is for inputting data into LIMS only.

## **14.5.12 Final Plans and Estimates Transmittal**

### **Form No. 700-050-20**

This form is used by FDOT Construction personnel and CEI staff as a transmittal memorandum that includes Project history along with a list items and documents submitted with the final estimates package. This form is submitted to the District Final Estimates Office.

### **14.5.13 Contractor's Affidavit and Surety Consent (Form 21-A)** **Form No. 700-050-21**

This document is signed by the Contractor and Surety Company to assure that all work has been approved by the Department and no claims are pending except for the said listed claims on this form.

### **14.5.14 Form 21-A (Modified) Surety Takeover** **Form No. 700-050-22**

This form is signed by the Surety Company taking over the responsibility of the contract for the work performed by the said Contractor and no claims are pending except for the said listed claims on this form.

### **14.5.16 Record of Construction Materials Affidavit** **Form No. 700-050-23**

This form is required on all construction projects upon completion. It is used by the prime contractor, who certifies that all invoices and records of construction materials, as required by the applicable Specifications, have been preserved in the prime contractor's files. The records include all materials purchased by subcontractors and represent all commercial construction materials used on the contract. Final Payment cannot be made until this form is properly filled out and has been received by the Department. This form could be a candidate in the start of interest payment to the Contractor for unpaid monies due after final acceptance of the contract.

### **14.5.17 District Record of Final Plans and Estimates** **Form No. 700-050-24**

This form is completed at the district level. It may be prepared by either office administering construction of the project (Resident Engineer's or Consulting Engineer's Office), or by District Final Estimates personnel. The form contains project information and history, Supplemental Agreements, Contract Time, Liquidated Damages/Penalties, Time Suspensions, and Record of Final Estimates Documents. This form is required

for each final estimates package sent to the District Estimates Offices. The document must be dated, but no signature or notarization is required.

#### **14.5.18 Federal Wage Rate Affidavit** **Form No. 700-050-25**

This form is used by the prime contractor on state projects that are federally funded. The form certifies that all laborers, mechanics, apprentices, trainees, watchmen and guards employed by him or by any subcontractors performing work on the project have been paid wages in conformance with the classification set forth in the contract or training provisions applicable to the wage rate paid. This form is required of the prime contractor upon completion of the project. Final payment cannot be made by the Department until its receipt of this form. This completed form could be a candidate in the start of interest payment to the contractor for unpaid monies due after Final Acceptance of a contract. The form will be executed and signed by a representative of the contractor's firm. It does not require notarization.

#### **14.5.19 Final Interest Payment Log** **Form No. 700-050-26**

This form shall be used by the DFEO staff to communicate to the FDOT Comptroller's Office the required pay off date for a specific contract. It is also used by the FDOT Comptroller's Office to communicate to SFEO and DFEO staff the actual contract pay off date and any interest paid as a result of late contract pay off.

#### **14.5.20 Estimates Office Record of Final Plans and Documents** **Form No. 700-050-28**

This form is to be completed by the DFEO personnel and is to accompany the final estimates package. This document is required for each final estimates package as it describes the project information and history, Supplemental Agreements, Contract Time, Liquidated Damages/Penalties, Time Suspensions, and records dates of Final Estimates documents. The document must be dated, but no signature or notarization is required.

#### **14.5.21 FHWA – 47 Routing Sheet** **Form No. 700-050-29**

This form is used to route the FHWA – 47 form, as received by the DFEO, to the FHWA and the FHWA Division Administrator. It indicates the date received, date forwarded, and date approved, with space for pertinent initials. The bottom portion of the form outlines procedures for the document in the DFEO.

### **14.5.22 DBE Utilization Certification** **Form No. 700-050-30**

This form is used by the District Compliance Officer to notify the DFEM and the Minority Programs Office that the Disadvantaged Business Enterprise Payment Certification (DBEPC) forms have been received, all reviews have been made, and that the Contractor has satisfied all DBE related contract requirements.

### **14.5.23 Contract Time** **Form No. 700-050-31**

This form is used by the DFEO to calculate contract time on a project. This document records all time extensions, time suspensions, and Supplemental Agreements to calculate total allowable contract days on a specific project. This form is to be signed by the DFEM.

### **14.5.24 District Final Estimates Engineer's Worksheet** **Form No. 700-050-32**

This form is to be filled in by the DFEO staff and remain with the final estimates package. The Engineer's work sheet is placed in every DFEM "office file". It lists attachments needed for the engineering audit such as Transmittal Letter, over-runs and under-runs, tentative estimate, Joint Project Agreement, Possible Claim, and Pending Arbitration. The DFEM will appoint which type of review is to be performed along with a date and signature. The Overviewer will also sign this form.

### **14.5.25 Statement of Materials and Labor used by Contractors on Highway Construction (Metric)** **Form No. 700-050-33**

This form should be transmitted for all Federal-Aid projects involving construction performed under contract awarded by competitive bidding that is located on the National Highway System (NHS). This form is to be completed by FHWA or State Highway Personnel and submitted to the DFEO. This form is to be included in the final estimates package. Quantities and measurements are in metric.

### **14.5.26 Statement of Materials and Labor used by Contractors on Highway Construction (English)** **Form No. 700-050-34**

This form should be transmitted for all Federal-Aid projects involving construction performed under contract awarded by competitive bidding that is located on the National Highway System (NHS). This form is to be completed by FHWA or State Highway Personnel and submitted to the DFEO. This form is to be included in the final estimates package. Quantities and measurements are in eEnglish.

#### **14.5.27 Earthwork Survey/Cross Sections Waiver** **Form No. 700-050-35**

This form is to be filled in by the DFEM/District Construction Engineer (DCE) to determine whether cross sections or survey will be required on a specific project. It describes the type(s) of earthwork required on a project and it's quantities. The DFEM or DCE will sign and date this form.

#### **14.5.28 Final Estimates Field Review Form** **Form No. 700-050-36**

This form is to be filled in by the DFEO staff when a field review is performed. This document describes which critical requirements are in compliance or non-compliance. There is also an area to describe actions taken to correct the non-compliance areas. This form is signed and dated by the reviewer and project engineer.

#### **14.5.29 CRS Contract Estimates Transmittal-Action Request** **Form No. 700-050-37**

This form is to be filled in by the DFEO staff and submitted to the Comptroller for final pay action. It describes which payment process is to be performed such as Regular Pass to close out the contract or place it in Qualified Pass and whether it's a progress estimate or semi-final estimate.

#### **14.5.30 Certification as to Accuracy of Final Estimates** **Form No. 700-050-38**

This form is to be filled in by the Construction Consultant Engineering Inspection (CCEI) certifying that the final estimates package submitted to the DFEO is accurate and true. This form shall be signed and notarized by the Consultant representing the Department.

#### ~~14.5.27~~ **14.5.31** ~~13.5.20~~ **Off Duty Police Officer** **Form No. 700-050-50**

Forms Library

This form is used by FDOT Construction personnel and CEI staff to properly document hours worked by off-duty police officers hired on specific projects. The time recorded on this form shall include actual time on the project site, as indicated in pay item 102-10. One signature per day will be required by the observer. **(Special Provision requirements will govern final pay for travel time).** ~~(See Form on page no. 13-38).~~

**14.5.32 ~~13.5.21~~ Daily Log Sheet, Maintenance of Traffic**  
**Form No. 700-050-51**

[Forms Library](#)

This form was designed for summarizing the per day safety devices. This form is used by FDOT Construction personnel and CEI staff. The date, number and accumulative totals are to be completed for each item with inspector signature.

~~(See Form on page 13-39).~~

**14.5.33 ~~13.5.22~~ Daily Log Sheet, Striping**  
**Form No. 700-050-52**

[Forms Library](#)

This form was designed for summarizing the per day striping. This form is used by FDOT Construction personnel and CEI staff. The date, station to station field measurements and accumulative totals are to be completed for each item.

~~(See Form on page no. 13-40).~~

**14.5.34 ~~13.5.23~~ Final Measurements**  
**Form No. 700-050-53**

[Forms Library](#)

This form was designed for recording field measurement (latitude & departure) for various pay items. This form is used by FDOT personnel and CEI staff.

~~(See Form on page no. 13-41).~~

**14.5.35 ~~13.5.24~~ Daily Report of Truck Measured Material**  
**Form No. 700-050-54**

[Forms Library](#)

This form was designed for recording truck measured material delivered to the project site. (This form is replacing Tally Books). This form is used by FDOT personnel and CEI staff. The truck number, truck capacity, number of loads and accumulative totals are to be completed for each item with inspector signature. ~~(See Form on page no. 13-42).~~

**14.5.36 ~~13.5.25~~ Daily Log Sheet-Grassing Items**  
**Form No. 700-050-55**

[Forms Library](#)

This form was designed for recording grassing items. ~~(This form is replacing the Tally Books).~~ This form is used by FDOT personnel and CEI staff. The information as shown on the form for each pay item are to be completed with inspector signature.

~~(See Form on page no. 13-43).~~

### **14.5.37 ~~13.5.26~~ Daily Log Sheet-Miscellaneous Tabulation Form** **Form No. 700-050-56**

Forms Library

This form was designed for recording Riprap, Hydrated Lime, and Sand for Armor Coat, etc., pay items. ~~(This form is replacing Tally Books).~~ This form is used by FDOT personnel and CEI staff. The information as shown on the form for each pay item are is to be completed with inspector signature. ~~(See Form on page no. 13-44).~~

### **14.5.38 ~~13.5.27~~ Lane Rental** **Form 700-050-57**

Forms Library

This form was designed for recording time & dates of lane closures. This form is used by FDOT personnel and CEI staff. The date, purpose of closure, time and date of lane closure are to be completed with inspector and contractor signature.

~~(See Form on page no. 13-45).~~

### **14.5.39 ~~13.5.28~~ Daily Record of Extra Work** **Form 700-050-58**

Forms Library

This form was designed for recording of extra work to complete the project. This form is used by FDOT personnel and CEI staff. The date, labor cost, material & equipment cost and accumulative total kept for each days operations with inspector and contractor signature. ~~(See Form on page no. 13-46).~~

### **14.5.40 ~~13.5.29~~ Extra Work Summary** **Form 700-050-59**

Forms Library

This form was designed to be a recording summary for form #700-050-58.

~~(See Form on page no. 13-47).~~

### **14.5.41 ~~13.5.30~~ Field Book Log** **Form 700-050-60**

Forms Library

This form was designed for recording field book numbers, name and dates of the individual the book is issued to. This firm form is used by FDOT personnel and CEI staff.

~~(See Form on page no. 13-48).~~

## CONTRACTOR'S CERTIFICATION OF QUANTITIES

### Maintenance of Traffic (Pavement Markings)

#### Form 700-050-61

This form was designed for recording Maintenance of Traffic items like Pavement Markings, etc. This form is used with Form 700-050-67 (Daily Worksheet). This form is used by the Contractor and signed by his authorized agent. **NOTE: This form is to be implemented in January 2004.**

#### 14.5.42 Contractor's Certification of Quantities (Maintenance of Traffic) Form 700-050-62

This form was designed for recording quantities of Maintenance of Traffic items used throughout the project. This form is used by the Contractor and signed by his authorized agent.

#### 14.5.43 Contractor's Certification of Quantities (Maintenance of Traffic)(Continuation) Form 700-050-62a

This form was designed in conjunction with the previous form for recording additional quantities for Maintenance of Traffic items. This form is used by the Contractor and signed by his authorized agent.

#### 14.5.44 Contractor's Certification of Quantities (Bituminous Material) (Lump Sum Projects) Form 700-050-63

This form was designed for recording quantities of Bituminous Material used throughout Lump Sum projects. This form is used by the Contractor and signed by his authorized agent.

#### 14.5.45 Contractor's Certification of Quantities (Bituminous Material) (Tack Coat or Prime Coat) Form 700-050-64

This form was designed for recording quantities of Bituminous Material Tack or Prime coat used throughout the project. This form is used by the Contractor and signed by his authorized agent.

**14.5.46 Contractor's Certification of Quantities (Bituminous Material)**  
**(Design Build Projects)**  
**Form 700-050-65**

This form was designed for recording quantities of Bituminous Material used throughout Design Build projects. This form is used by the Contractor and signed by his authorized agent.

**14.5.47 Contractor's Certification of Quantities Asphalt and**  
**Bituminous Materials (Conventional Projects)**  
**Form 700-050-66**

This form was designed for recording quantities of Asphalt and Bituminous Material used throughout the projects. This form is used by the Contractor and signed by his authorized agent. ~~is pending revision will be available after August 2003~~

**14.5.48 PAINTED PAVEMENT MARKINGS (DAILY WORKSHEET)**  
**Form 700-050-67**

This form was designed as a daily worksheet for recording daily painted marking quantities throughout the project. This form is used by the Contractor.

**14.5.49 PAVEMENT MARKINGS (CONTRACTOR'S MONTHLY**  
**CERTIFICATION OF QUANTITIES)**  
**Form 700-050-68**

This form was designed as a monthly worksheet for a summary of daily quantities. This form is used by the Contractor and signed by his authorized agent.

**14.5.50 COMPUTER SUMMARY OF QUANTITIES FOR ASPHALT**  
**CONCRETE**  
**Form 700-050-69**

This form was designed as a cover sheet for the summary of production of asphalt and accompanies the asphalt printer tickets. This form is used by the Contractor.

**14.5.51 INITIAL RETROREFLECTIVITY READING CERTIFICATION  
(DAILY WORKSHEET)  
Form 700-050-70**

This form was designed as a daily worksheet to record the retroreflectivity readings of pavement markings. This form is used by the Contractor and signed by his authorized agent and the Worksite Traffic Supervisor.