

Session 13

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Basis of Estimates Proposed Changes (C-Team Update)

Topic Description

Topics to be discussed include recent Basis of Estimates (BOE) changes, upcoming changes, and coordination of plans, specifications and pay items.

Speaker Biography

Melissa is a graduate of Florida State University, with a Master's Degree in Mechanical Engineering. She has been with the Department for 14 years, with the past 9 years working with the State Estimates Office- Engineering Systems Support. Her primary responsibility is the Basis of Estimates. Missy also participates with various TRNS*PORT PES/CES committees, C-Team, and maintains the Estimates Office web pages.

Basis of Estimates

Melissa Hollis
Estimating Systems Support
State Estimates Office
Design Conference 2006

Outline

- Background & Reminders
- "Old" Issues- January 2007
- "New" Issues- July 2007
- Helpful Hints
- Contact Information

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Background and Reminders

- Opening Items  5 min
 - Valid Pay Item Structure
 - Not currently listed in Master File
 - Request item open via e-mail
 - Sample request in Chapter 6
- New Items  1 hr
 - Single/limited Use
 - Re-writing spec, standard, or current practice
 - Complete Pay Item Request Form

varies 

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Background and Reminders

- Items are loaded at Phase 2 (60% plans)
- Project Letting date- FM system
- Effective & obsolete item dates based on project **letting date**
- Project Edit Report
 - After coming "off the shelf"
 - After loading/updating items
 - Before submittals

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Background and Reminders

- **Category = Design Group**
- Category to match plans and items
- Each structure **MUST** be loaded in a separate category.
 - Bridge Number
 - Structure Type
 - Length
 - Width (New- total; widen- added width)

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Background and Reminders

- 100 Structures
- 200 Roadway
- Signing and Pavement Marking

- 500 Signals
- 550 ITS
- 600 Lighting
- Landscape
- Architecture

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Background and Reminders

- Major Updates April and October
- 9 Month Implementation
 - April= January letting
 - October= July letting
- Register Online- FREE

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Old Issues- January 2007

- Synthetic Bales
- Plastic piles & lumber for Fender Systems
- Structures Expansion Joints
- Pipe Sizes- ranges
- Desilting pipe and box culverts
- Performance Turf
- Architectural Items
- ITS: Intelligent Transportation System
- Traffic Stripe- 709 & 710

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New Issues- July 2007

- 786: Intelligent Transportation System-
new items
- 407: 3 sided box culverts?
- 425: Inlets & Manholes & Junction
boxes?

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Helpful Hints

- <http://www.dot.state.fl.us/estimates/BOE/HelpfulHints.pdf>

- **Verify:**

- Letting date
- Spec Year
- Item dates
- Master File

- Request Item(s)



Having trouble with TRNS*PORT pay items?

Here are some helpful hints:

1. Verify the letting date and Spec Year. This information is shown on the project summary- above the project's category list in the Designer Interface.

For projects let through 12/2006, the pay item Spec Year (and Master File) will be '04. For projects let after 1/2007, the pay item Spec Year (and Master File) will be '07.

If the letting date and Spec Year are not correct, STOP. Contact the Project Manager and/or District Estimates Office.



2. Pay items that were valid before are now missing/obsolete. The '04 Master has 10,000+ items; the '07 Master has 500+ items. While new items are opened every day, most are opened "upon request". Here is how to request an item:

A. Check the Master File using the Designer Web pages. Remember to request the correct Spec Year.

B. Check the Basis of Estimates (BOE) for valid/obsolete dates. Many items are effective/obsolete prior to the January or July lettings. These dates must be

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Quiz: Pay Items and Specifications

- Item Number 0104-10-2
- What Specification Section?
- **0104**-10-2 Synthetic Bales
- Section 104: Prevention, Control, and Abatement of Erosion and Water Pollution

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Quiz: Pay Items and Specifications

- Item Number 0334- 1-25
- What Specification Section?
- **0334**- 1-25 Superpave Asphaltic Concrete
- Section 334: Superpave Asphaltic Concrete

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Quiz: Pay Items and Specifications

- Item Number 0632- 8
- What Specification Section?
- **0632**- 8- Interconnect Cable
- Section 632: Signal and Interconnect Cable
- Note: Sections 603 through 699 are for Traffic Control Devices (Signals plans, Signals category)

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Quiz: Pay Items and Specifications

- Item Number 0781-11-113
- What Specification Section?
- **0781**- 11-113 ITS Dynamic Message Sign
- Section 781: Intelligent Transportation Systems, Motorist Information Systems
- Note: Sections 780 through 786 are for ITS work (ITS Plans, ITS Category)

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Quiz: Pay Items and Specifications

- Work: Conduit
- What Item/Specification?
- 630: Signals
- 715: Lighting
- 783: ITS
- 1050: Utilities
- Choose the item based on work to be performed (plans, category to match); detail quantity by location

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Quiz: Pay Items and Specifications

- Work: Tree Protection
- What Item/Specification?
- 580: Landscape
- All landscape work is listed in the landscape plans with tabulation sheet, and paid under large/small plants (landscape category)
- Exception: minor landscaping may be permitted in roadway plans (still landscape category)- PPM Vol 2, ch 26

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Quiz: Pay Items and Specifications

- Work: Electrical Work
- What Item/Specification?
- 508: Movable Bridge
- 639: Signals
- 715: Lighting- incidental
- 750: Architectural
- 780: ITS- incidental
- 1050: Utilities- incidental
- Read the specifications carefully (plans, category to match)

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Contact Information

- Consultant Designer
- FDOT Project Manager
- District Estimates Office
- Engineering Systems Support
 - Paul Herring- TRNS*PORT (opening pay items and system issues) 850-414-4179
 - Melissa (Missy) Hollis- BOE (new pay item requests and item usage) 850-414-4182

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