

## **Session 37**

### **Dale Stanley**

FL. Dept. of Transportation

### ***Long Range Estimates (LRE) System Enhancements***

#### **Topic Description**

This presentation will cover recently implemented LRE changes, and a preview of proposed upcoming enhancements.

#### **Speaker Biography**

Dale is a graduate of Florida State University, with a Bachelor of Science degree in Education. She has worked for the Department for 32 years, and has 22 years of experience in the area of Construction Estimating. She has worked with FDOT's Long Range Estimates systems since 1984, and led the task team that planned the design of the Department's web-based LRE. She serves as the Department's Long Range Estimates Administrator and primary LRE instructor. She also manages the FDOT's Estimating Systems Support section.



## **Long Range Estimates Update 2006 Design Conference**

**August 1 & 2, 2006**

**Orlando, Florida**

Presented by:

**Dale Stanley**

LRE Administrator

(850) 414-4197

[dale.stanley@dot.state.fl.us](mailto:dale.stanley@dot.state.fl.us)

## **Topics**

- Recently Implemented Enhancements
- Demo of Interchange Model Feature
- Plans for '07 FY Enhancements



## Recent Enhancements

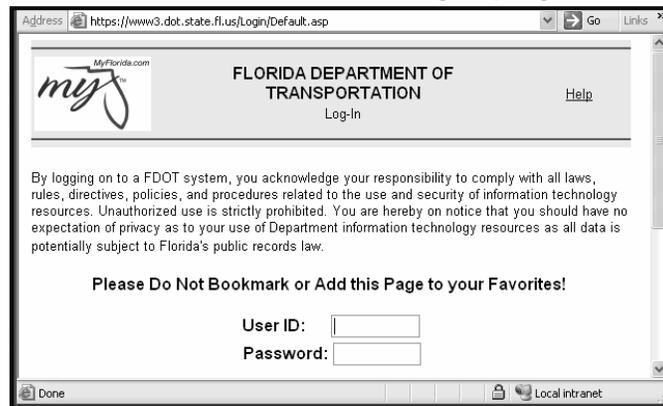
- **Intranet → Internet**

- Conversion occurred on June 23<sup>rd</sup>
- Minimal changes to screens & functionality
- VPN is no longer needed 😊
  - You will still need a userid and password
- New address:  
<https://www3.dot.state.fl.us/longrangeestimating>



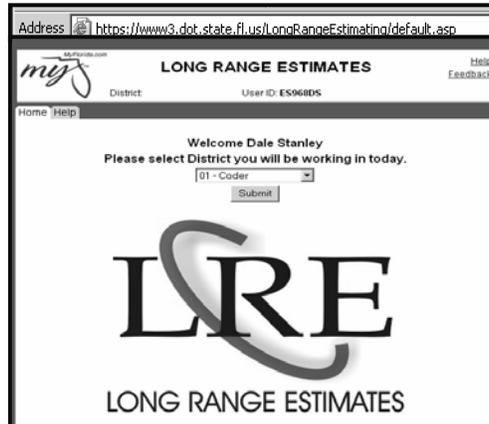
## Recent Enhancements

- **Bookmarking LRE**
  - **DO NOT** bookmark the login page:



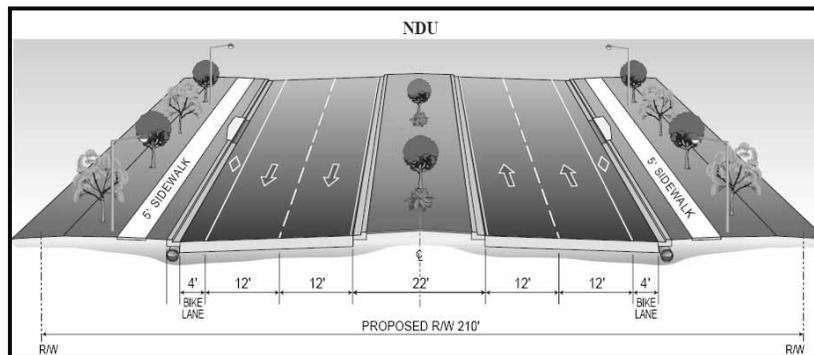
## Recent Enhancements

- Bookmarking LRE
  - **DO** bookmark the Welcome Screen page:



## Recent Enhancements

- Links to Typical Section Sketches:



## Recent Enhancements

- **Quantities Complete in TRNS•PORT**
  - New field on Main Version page
  - Change to “**YES**” when complete quantities have been put in TRNS•PORT:

## Recent Enhancements

- **Lock Prices Feature**
  - Allows you to lock specific unit prices, to prevent the Price Refresh utility from changing them:

Last Update		7/26/2004 9:37:36 AM	
By UserID		WP364BG	
		No. Sequences this Project	
Sequences Subtotal	\$8,372,763.07	Landscaping %	0.00%
MOT Cost	\$83,727.63		
Mobilization Cost	\$507,389.44	Current WPA \$ (PDC)	\$17,829,999.00
		% Difference	-49.22%
<b>Project Sequences Total</b>	<b>\$8,963,880.14</b>		
<b>Project Unknowns Amount</b>	<b>\$0.00</b>		
<b>Non-Bid Amount</b>	<b>\$89,638.80</b>		

# Recent Enhancements

Main | % Factor | Non-Bid | Sequences | Create Seq | Renumber | Sync Prices | **Lock Prices**

**Select Pay Items to Lock Unit Prices**

Save    Reset

First    Previous    Next    Last

Pay Items 1 - 10 of 66

Select all Pay Items on this page

Lock	Item #	Description	Unit Price	Unit
<input type="checkbox"/>	104-4	MOWING	\$325.00 C	AC
<input type="checkbox"/>	104-11	TURBIDITY BARRIER FLOATING	\$15.98	LF
<input type="checkbox"/>	104-12	TURBIDITY BARRIER STAKED	\$7.88	LF
<input type="checkbox"/>	104-13-1	SILT FENCE STAKED (TYPE III)	\$1.67	LF
<input type="checkbox"/>	104-15	PREVENTION DEVICE SOIL TRACKING	\$2,361.26	EA
<input type="checkbox"/>	104-16	ROCK BAGS	\$9.91	EA
<input type="checkbox"/>	110-1-1	CLEARING & GRUBBING	\$10,232.92	AC
<input type="checkbox"/>	120-1	EXCAVATION REGULAR	\$26.29	CY
<input type="checkbox"/>	120-6	EMBANKMENT	\$28.87	CY
<input type="checkbox"/>	160-4	STABILIZATION TYPE B	\$126.00	SY

Pay Items 1 - 10 of 66

First    Previous    Next    Last

# Recent Enhancements

- “Scope Creep” renamed to “Project Unknowns”

Main | FM | % Factor | Non-Bid | Sequences | Create Seq | Renumber | Sync Prices | Lock Prices

**Calculated Values**

MOT %	10 %	MOT Cost	\$1,081,509.44
Mobilization %	0 %	Mobilization Cost	\$951,728.31
Project Unknowns %	0 %	Project Unknowns Amount	\$0.00

- Copy a Sequence from the Sequence List screen:

Main | FM | % Factor | Non-Bid | Sequences | Create Seq | Renumber | Sync Prices | Lock Prices

	Number	Type	Description
Copy	Sequence 1	NDU	
Copy	Sequence 2	NDU	
Copy	Sequence 3	NUU	
Copy	Sequence 4	NUU	
Copy	Sequence 5	NUU	

## New “Models” Feature



Templates for  
Interchanges and Grade Separations

## “Models” Feature

- Models available for new interchange and new grade separation construction.
- Models are multi-sequenced LRE templates, with assumed characteristics of the interchange pre-coded.
- Sequences can be modified to customize for the unique characteristics of the project.



## 11 Interchange Models

Interchange Description	# of Seq
Rural Diamond, Mainline Over	10
Rural Diamond, Crossroad Over	10
Compressed Diamond, Mainline Over	10
Compressed Diamond, Crossroad Over	10
Single-point Diamond	10
Partial Cloverleaf, 1 loop	11
Partial Cloverleaf - 2 loops	12
Rural Trumpet	7
Rural Tee	14
Rural Directional, 2 Loops	12
Rural Directional, 2 Loops	14

## 7 Grade Separation Models

Grade Separation Description	# of Seq
Rural Expway Over Crossroad, 1 span	1
Urban Arterial Over Expway, 2-spans	1
Rural Expway Over Rural Expway	1
Urban Expway Over Crossroad, 1-span	1
Urban Arterial Over Urban Arterial, 1 Span	1
Urban Arterial Over Railroad, 1 Span	1
Rural Expway Over Railroad	1

**Additional models can be developed  
if we know what you need!**

MyFlorida.com **LONG RANGE ESTIMATES** [Help](#)  
[Feedback](#)  
 District: 09 User ID: ES968DS Role: Administrator  
 County: 55 - LEON Project District: 09 Date: 7/10/2006

Home Estimates 111333-1-52-01  
 Main Versions Create Version

\* Version Description 0 of 2000

\* Sequence Length 0.000 MI

\* Sequence Type (Typical Section)

- NUR - New Construction, Undivided, Rural
- NDR - New Construction, Divided, Rural
- NUU - New Construction, Undivided, Urban
- NDU - New Construction, Divided, Urban
- NDS1 - New, Divided, Suburban (Urban In/Rural Out)
- NDS2 - New, Divided, Suburban (Rural In/Urban Out)
- WUR - Widen/Resurface, Undivided, Rural
- WDR - Widen/Resurface, Divided, Rural
- WUU - Widen/Resurface, Undivided, Urban
- WDU - Widen/Resurface, Divided, Urban
- RSU - Resurfacing, Undivided
- RSD - Resurfacing, Divided
- MIS - Miscellaneous Construction (No Roadway)

\* Model: Interchanges, etc.

- Select a model --
- Rural Diamond, Mainline Over
- Rural Diamond, Crossroad Over
- Compressed Diamond, ML/X-Road
- Compressed Diamond, X-Road/ML
- Single-point Diamond
- Partial Cloverleaf, 1 loop
- Partial Cloverleaf - 2 loops
- Rural Trumpet
- Rural Tee
- Rural Directional, 2 Loops
- Full Directional

\* Sequence Type (Typical Section)

- NUR - New Construction, Undivided, Rural
- NDR - New Construction, Divided, Rural
- NUU - New Construction, Undivided, Urban
- NDU - New Construction, Divided, Urban

\* Model: Interchanges, etc.

Partial Cloverleaf - 2 loops

Model: TEMPTI000Z

Partial cloverleaf interchange with 2 loop ramps - Mainline over crossroad

## Interchange Model Demo



## Upcoming Enhancements



What's in the Near Future for LRE?

## Upcoming Enhancements

- **TRNS•PORT-related proposed changes:**
  - Price LRE projects in TRNS•PORT CES
  - Optional Transfer of LRE data to TRNS•PORT PES
- **Snapshot Details Report**
- **Modifications Tracking Feature**
- **Selected Reports available in Excel**

## Upcoming Enhancements

- **New Components:**
  - ITS
  - Architectural



# Upcoming Enhancements

- Updated and improved Help content
- Improved communication between Central Office and users

**Maintain Project**

This page allows users to select a project to modify and then it flows to the project main screen. It uses two common screens to accomplish this task: Project Search screen and Single Select Project screen.

Enter Project Number  
Enter Search String  
Search Projects by Letting Date  
Select Projects in County  
Select Projects in District

**Enter Project Number** - Enter a valid project number. Project number is used as an identifier.

- Input field - Text Box - Optional
- This may be any combination of 11 alphanumeric characters.
- The dashes (-) are automatically hard coded.
- The 8<sup>th</sup> and 9<sup>th</sup> digits (example 123456-7-52-01) represent the phase code.
- The project is considered an official project when the phase code is 52, 56, or 58.
- When the user knows the exact project number, this will be the fastest way to open the project.



# Continue to Use the Feedback!

MyFlorida.com  
**Long Range Estimates Feedback** [Help](#)

User District: 09 User: ES968DS Role: Administrator Date: 7/11/2006

Feedback

**Page Name** Create Project  
**User Name** Dale Stanley  
**Feedback** (maximum 300 characters)

FDOT  
Office of  
Information Systems

For support please contact: [Help Desk](#)

LRE  
LONG RANGE ESTIMATES



## LRE Contacts



- D 1 Steve Walls (863) 519-2612
- D 2 W.C. Cobb (386) 961-7553
- D 3 Shane Adams (850) 415-9500
- D 4 Gene Lipscomb (954) 777-4691
- D 5 Jonathan Linforth (386) 943-5185
- D 6 Ruben Rivero (305) 470-5259
- D 7 Jason Spilak (813) 975-6799
- TPE Steven Sheffield (407) 532-3444
- CO Dale Stanley (850) 414-4197
- CO Tyrone Ware (850) 414-4191