

DISTRICT THREE DESIGN NEWSLETTER



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January—April '05

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From the Editor's Desk

Larry Kelley, P.E., District Design Engineer

It was good to see a big turnout at the District Three Design Conference in Sandestin on April 7 & 8. I hope everyone attending got some benefit out of it.

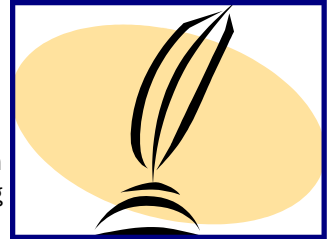
Let me stress that I consider the consultant industry as an extension of the DOT workforce. Without the devotion and hard work of the industry we could not achieve our work program goals.

We all have an important task ahead of us in the "electronic delivery" process. It's new, it's complicated and will take more attention to detail than ever before. I am asking for your help by devoting extra attention to your Quality Control measures to include review of the electronic delivery issues. In order to get a project let, it will take commitment at all levels in your organization to ensure proper attention to all the electronic delivery details.

Remember what Mike Melvin told you at the conference; Don't get on the list! I am confident that you will embrace this issue and develop a plan to deal with it in quality fashion.

Having a successful project is not all engineering. Make it a habit to look outside the engineering box for items that could prevent a letting. It could be as simple as a page mis-numbered or the wrong project number. Be proactive. Work through your DOT project manager and Jonathan Harris in our plans processing section to know the process and the requirements early in the life of your project.

Don't get on the List!



District III Quarterly Design Newsletter

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Design Spotlight-Teresa Buckbee

Larry Kelley, P.E., District Design Engineer

The Design Spotlight is on Teresa Buckbee. Teresa is a valuable member of our Design Team in the Surveying Section. Her Primary duties in the Survey Section include checking survey data for accuracy and completeness, review plans for survey data required by the construction layout surveyor and helping in-house and consultant



Words that soak into your ears are whispered.....not yelled

-Attributed to Will Rogers

surveyors with survey problems gathering electronic data.

I have found Teresa to be very up-beat and helpful in every thing she is involved in. She is excited to help others in any way she can. Teresa attended Vernon High School in Vernon, FL., and graduated in 1991. Teresa studied drafting at Washington-Holmes Vocational Technical School in Chipley, FL., following High School. In 1992 she accepted a position with Johnson Surveyors, a local survey company that offers consultant services to DOT.

Teresa started here career at DOT in September 1997 in Right of Way Mapping, and moved to Surveying in 2003. Teresa is married to Mike Buckbee, who also works for DOT in the Panama City Construction Office. They have two children, Erica and Derrick. In her free time Teresa enjoys spending time with her kids.

We are proud and fortunate to have Teresa in the Design Department. I am thankful for her good attitude and work ethic. She is a good example for others to follow. I always ask the spotlight employee for a comment or a philosophy concerning life or work.

When I asked Teresa, she replied with the following: "Live Everyday to the fullest, because Tomorrow is not promised."

Supplemental Agreement Report—January/February

Larry Kelley, P.E., District Design Engineer

This is the Supplemental Agreement Report for the months of January and February 2005. The two (2) categories of supplemental agreements that are included in this report are codes 112 and 700. This report is included in the Quarterly Design Newsletter as a tool to inform designers of errors and omissions that can lead to Supplemental Agreements and unnecessary costs to the public.

Below is a description of those areas and our responses:

Description Code 112: Project phasing or plans components not constructible as shown.

Reason: Improvements under this contract consist of bridge construction, resurfacing, drainage improvements, signing and pavement marking on a multi-lane highway.

Subsequent to commencement of construction on this project the contractor placed the riprap rubble as shown in the project plans. However, due to a conflict between Plan Sheets 15, 16, 17 and sheets A-25, A-26, A-27 it became apparent that the proposed guardrail installation would overlap the current location of the riprap.

In order to resolve this problem a revised typical section for guardrail and miscellaneous pavement was developed and forwarded to the contractor. The contractor installed the guardrail in the plan location to meet all safety requirements and relocated the riprap rubble as depicted in the new typical section.

Increase = \$21,999.53

Response: This supplemental agreement appears to be the result of a design error. The entire cost of the supplemental agreement is shown as premium cost. The Department may pursue recovery of the premium cost after a review is completed by the appropriate personnel and it is determined that it is an error and the premium cost is correct.

Description Code 700: Overrun of existing pay items when original contract amount is exceeded by over 5%.

Reason: Improvements under this contract consist of bridge construction.

The contract plans provided an original quantity that was based on the designers estimated length for steel test piles and steel piling. However, during the test pile program, the District Geotechnical Engineer authorized additional pile lengths which resulted in an increase to these items. Field conditions during production also required additional pile lengths to meet the bearing criteria established during the test pile program. Additional overruns to this item are the result of pile splices and cutoffs as per the contract. The overrun of pile driven is directly related to the increased authorized pile length and the piling required for the project.

Increase = \$435,689.50

Response: This supplemental agreement is not the result of a design error.

Suburbia is where the developer bulldozes out the trees, then names the streets after them.

—Bill Vaughn