

**Southwestern Pennsylvania Commission
District 10-0 Program Modifications**

Discussion:

- Engineering District 10 is requesting 29 program adjustments to the 2009-2012 Program.
- Fiscal modifications are being made to the FFY 2009-2012 TIP to keep the fiscal year-to-year funding in balance.
- Funding for the program modifications will be provided from the sources as noted in the narrative below and on the attached Fiscal Constraint Chart.

Project Summaries:

Amendments

- **Cherry Valley Bridge #4:** This Department Force Bridge (DFB) project is the replacement (with minimum approach roadway work) of the existing structurally deficient (SD) bridge carrying SR 1002 (East Unity Road) over a tributary of the south fork of Little Scrubgrass Creek in Cherry Valley Borough, Butler County.

Due to its deteriorating substructure, the District would like to add this project and its final design phase in the amount of \$69,800 (100% State Bond) to the TIP in FFY 2010.

The source of funds for this project will be **Hooker Road Bridge #2**. Hooker Road Bridge #2 will become the 2013 Butler County DFB on the 2011-2014 draft TIP. The final design phase of the project will be reprogrammed on the 2011-2014 draft TIP in FFY 2011.

Administrative Actions

- **American Recovery and Reinvestment Act (ARRA) Project Savings:** The following ARRA projects have cost savings that have been deobligated and utilized elsewhere:
 - **Lyndora West 3R.**
 - **Iron Bridge #1 NCABB.**
 - **County Line East 3R.**
 - **AVE SR 28 Southbound PM.**
 - **Roaring Run Trail Phase 5.**
 - **Wahlville Bridge #4.**
 - **Ribold NCABB Bridge.**
 - **US 119: Lucerne Road to SR 56.**

- **Spur Run Bridge:** This SD bridge involves replacing the existing structure carrying PA 66 over Spur Run in Bethel Township, Armstrong County.

At the May 2010 Transportation Technical Committee meeting this project and its preliminary engineering phase were added to FFY 2010 of the current TIP for \$305,000. The funds programmed at that time were 80% Federal Bridge with a 20% State Bridge match.

It has since been determined that the bridge length is slightly less than 20 feet, thus making the project ineligible for Federal funds. Therefore, we now request that the 80% Federal Bridge and 20% State Bridge funds be replaced with 100% State Act 44 monies. In addition, the previous \$305,000 estimate has been reduced to \$270,000.

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The needed Act 44 monies will be obtained from the **SPC District 10 Highway/Bridge Line Item**.

- **Petrolia Bridge #1:** This project is for replacement of the existing structure carrying PA 268 over the south branch of Bear Creek just east of the intersection of SR 1006 and PA 268 in Petrolia Borough, Butler County. Currently the project is in final design and is scheduled for a fall 2010 let with construction in the spring of 2011.

An at-grade crossing of the Buffalo and Pittsburgh Railroad exists directly adjacent to the bridge. Reconstruction work on this crossing needs to be completed prior to the new bridge abutment construction. This work will be done by the railroad and is to occur this summer 2010.

To correspond with a fall 2010 let, construction funds are programmed in FFY 2011 on both the current 2009-2012 TIP and the draft 2011-2014 TIP. However, no construction funds are available now in FFY 2010 to accommodate the advance railroad work.

Therefore, District 10 requests that \$370,100 (100% State Bond) be programmed in FFY 2010 for construction. The funds to cover this request will be secured from the following:

- **Plum Creek Bridge:** \$20,000 of surplus right-of-way funds.
 - **Mitchell Run Bridge #1:** \$25,300 of surplus right-of-way funds and \$10,900 of utility funds. Utility monies are needed on this project, however, not at this time. Those needed funds will have to be reprogrammed in FFY 2011 of the 2011-2014 TIP once it takes effect.
 - **East Clarksburg Bridge:** \$155,500 from a low bid savings.
 - **Little Yellow Creek Bridge:** \$50,600 of surplus final design funds.
 - **Cherry Tree Bridge #1:** \$78,600 of surplus final design funds.
 - **Nesbit Run Bridge:** \$18,300 of surplus right-of-way funds and \$10,900 of utility funds. Utility monies are needed on this project, however, not at this time. Those needed funds will have to be reprogrammed in FFY 2011 of the 2011-2014 TIP once it takes effect.
- **1/112th Infantry Alpha PM:** This bridge preservation project carrying PA 66 over US 422, SR 2025, and Garretts Run in Manor Township, Armstrong County, has experienced a construction cost increase. When sounding the bridge deck it was discovered that there was a substantial amount of unsound concrete. This concrete needs repaired before placing the epoxy overlay.

Therefore, District 10 now requests to add \$227,000 (100% State Bridge) into the construction phase in FFY 2010. The sources of these funds will be as follows:

- **2010 Armstrong Bridge Preservation:** \$116,066 surplus construction funds.
 - **Garretts Run Bridge #2:** \$41,162 surplus final design funds.
 - **SPC District 10 Highway/Bridge Line Item:** \$69,772.
- **PA 68 Corridor Group Bridges:** This design build project involves replacement of five bridges carrying PA 68 and SR 4007 (Kaylor Petrolia Road) over Sugar Creek, Pine Run, and a branch of Sugar Creek in Bradys Bend Township, Armstrong County.

District 10 is looking to advance the let from November 2010 to September 2010 to allow more time for the contractor's consultant to arrive at a design and the District to review that design prior to the start of construction in the spring. In addition, advancing this project would help to alleviate an anticipated heavy fall workload in our Contract Management Unit.

This project is fully funded in FFYs 2011 and 2012 of the draft 2011-2014 TIP but only partially funded in FFYs 2011 and 2012 of the current 2009-2012 TIP. Advancing the let to September 2010 places it within the current TIP. Therefore, we must fully fund construction of this project within the current TIP. To accomplish this we are requesting that \$340,900 (100% State Act 44)

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be added to the funds already programmed for construction in FFY 2011. The source of these funds will be the **SPC District 10 Highway/Bridge Line Item**.