

Update on Dorchester County Road Projects for the
South Carolina Transportation Infrastructure Bank
October 27, 2015



Road Projects

- ❖ Intersection Improvement: Orangeburg Rd (S-18-22) and Butternut Rd (S-18-58)
- ❖ US Highway 78 Improvements
 - ❖ Intersection Improvement: US Highway 78 and Deming Way
 - ❖ Right of Way Acquisition: US Highway 78 Phase 3
 - ❖ Environmental Assessment: US Highway 78 Phase 4
- ❖ Berlin Myers Parkway Phase III
- ❖ Widening: SC Hwy 165 from Carolinian Drive to Ashley Ridge High School

Intersection Improvement: Orangeburg Road and Butternut Road



Intersection Improvement: Orangeburg Road and Butternut Road

- ❖ The SCTIB provided \$1.25 Million and the Federal Highway Safety Improvement Program provided \$750,000.
- ❖ Concept and Surveys are completed.
- ❖ Public Information Meeting and Comment Period are completed.
- ❖ Right of Way plan will be submitted in December 2015.
- ❖ Right of Way plan approval is anticipated in February 2016.
- ❖ NEPA approval is anticipated in February 2016.
- ❖ Right of Way Acquisitions: February 2016 – August 2016
- ❖ Final Plan submittal: September 2016
- ❖ Final Plan approval: November 2016
- ❖ Construction: January 2017 – July 2017

Intersection Improvement: US Highway 78 and Deming Way



Intersection Improvement: US Highway 78 and Deming Way

- ❖ The SCTIB provided \$750,000.
- ❖ Project is complete and on budget.
- ❖ The new turning lanes and traffic signals have made this intersection and evacuation route much safer.

US Highway 78 Phase 3 Right-of-Way Acquisition

- ❖ S.C. Transportation Infrastructure Bank approved \$4 Million.
- ❖ SCDOT and FHWA required the Environment Assessment for Phase 3 to include Phase 4 of US Hwy 78 (West Richardson Avenue to Berlin Myers Parkway) as it was a logical termini.
- ❖ The SCTIB approved the use of \$750,000 by Dorchester County to complete an Environmental Assessment on Phase 4 of US Highway 78 in order to get Phase 3 of US Highway 78 permitted.
- ❖ The Environmental Assessment for both phases must be completed before right-of-way acquisition begins for Phase 3.
- ❖ Right-of-way acquisition for Phase 3 will begin in the first quarter of FY17.

US Highway 78 Phase 4 Environmental Assessment (EA)

- ❖ The SCTIB provided \$750,000.
- ❖ The field surveys and cultural resource study have been completed.
- ❖ A Public Hearing will be held in the 3rd quarter of FY16.
- ❖ The Environmental Assessment will be completed in the 4th quarter of FY16.

Berlin Myers Parkway Phase 3

- ❖ The SCTIB provided \$30 Million for Berlin Myers Parkway Phase 3.
- ❖ This is the third and final phase of the parkway.
- ❖ The parkway will provide a limited access 4-lane roadway from I-26 and US Hwy 17-Alternate/N. Main Street to US Hwy 17-Alternate/Walterboro Road on the southwest side of Summerville.
- ❖ Phase 3 is approximately 3 ¼ miles long and its estimated construction cost is \$71 Million.
- ❖ Presently the project is in the final design and permitting stage, and construction should begin in the 4th quarter of FY16.
- ❖ The estimated completion date for Phase 3 is FY19.

Bacons Bridge Road (SC 165)



Bacons Bridge Road (SC 165)

- ❖ The Bacons Bridge Road project consists of two phases.
- ❖ Upon completion, both phases will have four travel lanes and a center turn lane.
- ❖ Phase one extends from the four lane section near the Stallville Loop in Summerville to Carolinian Drive.
- ❖ Phase two extends from Carolinian Drive to the last entrance of Ashley Ridge High School.
- ❖ Phase One is under construction at a cost of \$23,965,290.
- ❖ Phase Two has been designed and was put out to bid June 2015, but came in over budget.

Current Budget for SC 165 Phase Two

Available Funding from SCTIB	\$13,000,000
Engineering Fees	\$550,936
Wetland Mitigation	\$350,860
Utility Relocations	\$445,000
Right of Way Acquisition	\$226,240
Construction Engineering and Inspection	\$1,023,665
Construction Cost (2 Bids)	\$11,622,490 - \$13,663,815
Contingency Cost	\$583,125 - \$683,191
Total Program Costs	\$14,802,316 - \$16,943,707
Funding Shortfall	\$1,800,000 - \$4,000,000
Dorchester County requests an additional \$4 Million from SCTIB to complete the project.	

Reasons for Overages

- Higher than anticipated mitigation costs and a limited number of contractors bid on the project.
- Constructability- The existing roadway is less than 20' wide and has a large number of wetlands in the project corridor. This does not provide the contractor an adequate area to work from which increases the difficulty to maintain traffic during initial stages of construction. With the increase traffic control, there is an increase in costs. Soils are poor in this area and a large amount of mucking and filling had to be added to the contract to accommodate for this.
- Limited bidders - The strong local economy has resulted in higher bids and less bidders. Contractors have more public and private construction projects to bid and perform so bids are less competitive than a few years ago. Ten (10) contractors were notified of the Request For Bids and only two (2) contractors submitted bids on the project.

Dorchester County SCTIB Request

- Dorchester County’s original SCTIB request was for \$213 Million.
- To date, the SCTIB has provided \$49 Million to Dorchester County.
- Dorchester County requests an additional \$91 Million with the following project priorities:

1. Bacons Bridge Road	\$ 4 Million
2. US Hwy 78 Phase 3	\$ 22 Million
3. Orangeburg Loop	<u>\$ 65 Million</u>
Total request	\$ 91 Million

Thank you for your consideration.