

STATE INFRASTRUCTURE BANK
SEPTEMBER 2014



STATE INFRASTRUCTURE BANK
PROGRAM STATUS REPORT
2014



RIDE 2007

Financial Summary

| | | Budget | Expended To Date | Cost to Complete | Total Project Cost | Variance |
|-------------|--------|------------|---------------------|---------------------|-----------------------|-------------|
| GRAND TOTAL | PE | \$ 6,030 | \$ 6,874 | \$ 788 | \$ 7,662 | \$ (1,632) |
| GRAND TOTAL | ROW | \$ 44,000 | \$ 49,286 | \$ 5,514 | \$ 54,800 | \$ (10,800) |
| GRAND TOTAL | Constr | \$ 187,016 | \$ 24,269 | \$ 110,631 | \$ 134,900 | \$ 52,116 |
| GRAND TOTAL | Total | \$ 237,046 | \$ 80,429 | \$ 116,933 | \$ 197,362 | \$ 39,684 |

Total budget includes the following funding sources:

\$ in thousands

- \$225,000,000 SIB funds (\$150 mil from June 2007 and \$85 mil from November 2007)
- \$2,400,000 SAFETEA-LU Earmark (reduced to \$2,046,000)
- \$10,000,000 ARRA
- June 8, 2007: Horry County and the South Carolina Transportation Infrastructure Bank (SCTIB) enter into an agreement for an initial grant of \$40 million for preliminary engineering and rights of way acquisitions on the Carolina Bays Parkway Phase III and SC 707 Widening (Georgetown County only) with an additional \$110 million to be provided at a later date. On November 27, 2007, the SIB approved an additional \$85 million for this program.
- June 20, 2007: Horry County, SCTIB and the South Carolina Department of Transportation (SCDOT) entered into an intergovernmental agreement to outline funding and responsibilities of the parties.

Project Status

| Projects Under Construction |
|--|
| Carolina Bays Parkway - Phase III SC Route 707 Widening |

| Completed Projects |
|--------------------|
| |

Expenditures are through July 2014

RIDE 2007

Carolina Bays Parkway Phase III SC 544 to SC 707

- Let to contract on October 8, 2013 to Flatiron Corp. (estimated completion in Spring 2017)
- Total project budget (PE, R/W, Constr.) = \$234,816,000
- Total estimated project cost (PE, R/W, Constr.) = \$189,262,000
- Variance = \$45,554,000



RIDE 2007

SC Route 707 Widening Horry/Georgetown County line to US 17

- Let to contract on April 8, 2014 to A.O. Hardee & Son, Inc. (estimated completion in Spring 2017)
- Total project budget (PE, R/W, Constr.) = \$2,230,000
- Total estimated project cost (PE, R/W, Constr.) = \$8,100,000
- Variance = -\$5,870,000



FLORENCE COUNTY FORWARD

Financial Summary

| | | Budget | Expended To Date | Cost to Complete | Total Project Cost | Variance |
|-------------|--------|------------|------------------|------------------|--------------------|-----------|
| GRAND TOTAL | PE | \$ 41,895 | \$ 14,288 | \$ 12,755 | \$ 27,043 | \$ 14,852 |
| GRAND TOTAL | ROW | \$ 72,298 | \$ 17,183 | \$ 38,705 | \$ 55,888 | \$ 16,410 |
| GRAND TOTAL | Constr | \$ 373,030 | \$ 23,969 | \$ 298,847 | \$ 322,816 | \$ 50,214 |
| GRAND TOTAL | Total | \$ 487,223 | \$ 55,440 | \$ 350,307 | \$ 405,747 | \$ 81,476 |

\$ in thousands

Total Budget includes the following funding sources:

- \$340,000,000 SIB Funds (\$250,000,000 from original agreement and \$90M additional)
- \$144,702,129 Florence County Sales Tax Funds (not including interest)
- \$2,521,141 from other funding sources (FLATS, earmark, City of Florence, Florence County, Florence CTC) for Pine Needles Road widening
- May 3, 2007: Florence County, SCTIB and the South Carolina Department of Transportation (SCDOT) entered into an intergovernmental agreement to outline funding and responsibilities of the parties.
- December 4, 2013: \$90M in additional SIB funds approved by JBRC for the completion of all projects in the program.

Project Status

| Projects Under way |
|---|
| SC 51 Widening (Sections 1-4) |
| US 301 Bypass Extension/Alligator Road Widening |

| Projects Under Construction |
|------------------------------------|
| US 378 Widening (Sections 1-4) |
| US 76 Widening |
| TV Road/North Irby Street Widening |

| Completed Projects |
|---------------------------------------|
| Pines Needle Road Widening (Phase I) |
| Pines Needle Road Widening (Phase II) |

Expenditures are through July 2014

FLORENCE COUNTY FORWARD

Pine Needles Road Widening

- Project is complete
- Total project budget (PE, R/W, Constr.) = \$10,000,000
- Total estimated project cost (PE, R/W, Constr.) = \$16,200,000
- Variance = \$-6,200,000



FLORENCE COUNTY FORWARD

US 378 Widening

- Sections 1 and 2 let to contract on November 12, 2013 to Southern Asphalt of Conway (estimated completion in Fall 2016)
- Sections 3 and 4 let to contract on May 13, 2014 to Southern Asphalt of Conway (estimated completion in early 2017)
- Section 5 to be let to contract in early 2015
- Total project budget (PE, R/W, Constr.) = \$150,000,000
- Total estimated project cost (PE, R/W, Constr.) = \$112,000,000
- Variance = \$38,000,000

FLORENCE COUNTY FORWARD

US 76 Widening

- Let to contract on January 14, 2014 to Palmetto Corp. of Conway (estimated completion in Fall 2016)
- Total project budget (PE, R/W, Constr.) = \$50,000,000
- Total estimated project cost (PE, R/W, Constr.) = \$28,300,000
- Variance = \$21,700,000



FLORENCE COUNTY FORWARD

TV Road/N. Irby Street Widening

- Let to contract on February 11, 2014 to C.R. Jackson, Inc.(estimated completion in Fall 2016)
- Total project budget (PE, R/W, Constr.) = \$26,300,000
- Total estimated project cost (PE, R/W, Constr.) = \$35,500,000
- Variance = -\$9,200,000

FLORENCE COUNTY FORWARD

SC 51 Widening

- Right of way acquisition in progress
- Sections 1 and 2 will be let to contract in Spring 2015
- Sections 3 and 4 will be let to contract in Summer 2015
- Total project budget (PE, R/W, Constr.) = \$161,100,000
- Total estimated project cost (PE, R/W, Constr.) = \$140,500,000
- Variance = \$20,600,000

FLORENCE COUNTY FORWARD

US 301 Bypass/ Alligator Road

- Preliminary Engineering in progress
- Right of way acquisition anticipated to begin Fall 2016
- Construction anticipated to begin Summer 2018
- Total project budget (PE, R/W, Constr.) = \$90,000,000
- Total estimated project cost (PE, R/W, Constr.) = \$73,500,000
- Variance = \$16,500,000

US 17 WIDENING (ACE BASIN)

Financial Summary

Segments 1 & 2A

| | | Budget | Expended To Date | Cost to Complete | Total Project Cost | Variance |
|-------------|--------|------------|------------------|------------------|--------------------|----------|
| GRAND TOTAL | PE | | | | \$ - | \$ - |
| GRAND TOTAL | ROW | | | | \$ - | \$ - |
| GRAND TOTAL | Constr | \$ 108,342 | \$ 108,320 | \$0 | \$ 108,342 | \$ 22 |
| GRAND TOTAL | Total | \$ 108,342 | \$ 108,320 | \$0 | \$ 108,342 | \$ 22 |

\$ in thousands

Budget includes the following funding sources:

- \$ 82,000,000 SIB 30-yr loan (total value of \$148 mil with repayment)
- SIB Funds have been fully paid out
- \$ 10,753,000 SCDOT (addition of Colleton Co. segment from Combahee River to Lightsey Plantation Drive)
- \$ 10,875,000 Federal Earmarks
- \$ 7,000,000 Beaufort County
- \$ 200,000 Low Country COG funds

Project Status

Construction on Segments 1 & 2A is 100% complete.

| Completed Projects |
|--------------------------------------|
| Segment 1 & 2A Design/Build Contract |

| Projects under Construction |
|-----------------------------|
| |

Expenditures are through July 2014

US 17 WIDENING (ACE BASIN)

Financial Summary

Segment 2

| | | Budget | Expended | Cost to | Total | |
|-------------|--------|-----------|-----------|----------|--------------|----------|
| | | | To Date | Complete | Project Cost | Variance |
| GRAND TOTAL | PE | | | | \$ - | \$ - |
| GRAND TOTAL | ROW | | | | \$ - | \$ - |
| GRAND TOTAL | Constr | \$ 98,881 | \$ 89,406 | \$500 | \$ 89,906 | \$ 8,975 |
| GRAND TOTAL | Total | \$ 98,881 | \$ 89,406 | \$500 | \$ 89,906 | \$ 8,975 |

\$ in thousands

Budget includes the following funding sources:

- \$ 20,000,000 State Transportation Infrastructure Bank Loan
- \$ 79,000,000 Commission approved funding from NHS, STP & Equity Bonus Funds
- \$ 200,000 Colleton County

Project Status

Construction on Segment 2 is substantially complete.

| Completed Projects |
|-----------------------------------|
| Project is Substantially Complete |

| Projects under Construction |
|-----------------------------|
| |

Expenditures are through July 2014

Mark Clark Expressway Extension

Financial Summary

| | Budget | Expended To Date | Cost to Complete | Total Project Cost | Variance |
|-----------------------------|-------------------|---------------------|---------------------|-----------------------|---------------------|
| PE | | \$ 8,739 | \$ 22,261 | \$ 31,000 | |
| ROW | | \$ 9,347 | \$ 48,453 | \$ 57,800 | |
| Design Build Contract | | | \$ 449,500 | \$ 449,500 | |
| Construction Engineering | | | \$ 17,400 | \$ 17,400 | |
| Total | \$ 420,000 | \$ 18,086 | \$ 537,614 | \$ 555,700 | \$ (135,700) |

\$ in thousands

- Financial Summary reflects a \$420M commitment from SIB.
- The recommended preferred alternative (Alternative G) was released in the Draft Environmental Impact Statement (DEIS) in August 2010.
- Updated 2012 Estimate for Alternative G (with modifications) = \$556 M
Anticipated FEIS modifications include:
 - Grade Separated Interchange at Folly Road including an overpass at Up on the Hill Rd.
 - Overpass at East Shore Lane in order to provide neighborhood connectivity

Expenditures are through July 2014

Mark Clark Expressway Extension

TimeLine

Contract executed for development of project (\$9,099,947)

February 2008

- included development of a new Environmental Impact Statement (EIS),
- preparation and approval of environmental permits,
- development of corridor right of way plans,

DEIS released for Public Review and Comment

August 2010

- The document included a Recommended Preferred Alternative (Alternative G).
 - five public meetings were held
 - *2,170 comments received from 1,657 individuals during this period*

Contract Management Assignment Request

January 2012

- Charleston County and STIB requested SCDOT assume management responsibilities for the project

Current Project Status

Present / 2014

- SCDOT is working with the County and STIB to finalize the IGA concerning management responsibilities.
- FEIS is being finalized and is expected to be complete by early 2015. The associated federal approval processes by FHWA and USACE will then be pursued.
- Advanced ROW acquisitions requests (hardship and protective cases) are being processed on a case by case basis.

Act 98 Interstate Update



I-85 /I-385

System to System Interchange Improvement

Greenville County

Scope:

- Scope includes reconfiguring the interchange to improve safety and capacity. An additional through lane in each direction will be provided along I-385. Structures along I-85 will be designed to accommodate an additional lane in each direction in the future.
- Scope also includes rehabilitation of the northbound lane on I-85 for approximately 2 miles in each direction, improvements at the Garlington Road and Woodruff Road intersection, and improvements at the northbound I-85 exit ramp at Woodruff Road intersection. Traffic signals along Woodruff Road will be updated to improve coordination and operations.

Cost Estimate:

- Design Build Contract, CE&I and Project Management: \$270 M

Status:

- Cost proposals were opened August 6, 2014
- SCDOT Commission approved the request to execute the contract on August 21, 2014
- Flatiron Constructors, Inc./Zachry Construction Corporation Joint Venture was awarded the contract
- Other firms that submitted cost proposals were
Fluor – Lane South Carolina LLC
Skanska USA Civil Southeast Inc.
- Contract Amount - \$231,116,087.00, this does not include CE&I and Project Management

Significant Project Milestones:

- Estimated completion date for construction – Fall 2017
- SCDOT is currently negotiating the CE&I contract with Infrastructure Consulting and Engineering (ICE)

I-20 Widening US 378 to Longs Pond Road Lexington County

Scope:

- **Widen I-20 with a third travel lane to the median in each direction for approximately 11 miles. The widening will begin just west of US 378 at MM 60.2 +/- where I-20 transitions from six lanes to four lanes. The project will terminate west of Longs Pond Road near MM 49 +/-.** Approximately 6 centerline miles of the existing concrete pavement will be reconstructed as part of the project. The project will also include the widening or replacement of the east and westbound I-20 bridges over Norfolk Southern Railroad near mile point 57.

Cost Estimate:

- **Preliminary Engineering: \$1.5 M (\$8 M original estimate)**
- **Construction: \$86.2 M (\$146.7 M original estimate)**

Status:

- **LIDAR (aerial data) to be processed and turned into SCDOT mid September**
- **Initiated field surveys of drainage structures and outfalls**
- **Begin noise studies**
- **Continue work on technical sections of environmental document**
- **Continue work on RFQ and RFP**

Significant Project Milestones:

- **Public Information Meeting – March 2015**
- **Categorical Exclusion – July 2015**
- **Request for Proposals – October 2015**
- **Award Contract/Contract Execution – March 2016**

I-77 Widening

I-20 to Killian Road

Richland County

Scope:

- **Widen I-77 with a third travel lane to the median in each direction for approximately 7 miles. The widening will begin just south of I-20 and terminate near S-52 (Killian Road). The project will also include the widening or replacement of the north and southbound bridges at five locations along I-77 including over I-20, I-77 ramp, Windsor Lake Boulevard, Windsor Lake/Jackson Creek, and Edgewater Drive/Jackson Creek. The rehabilitation of the southbound lanes of I-77 between S-52 (Killian Road) and S-59 (Blythewood Road) will also be included in the project.**

Cost Estimate:

- **Preliminary Engineering: \$1.6 M (\$3.1 M original estimate)**
- **Construction: \$62.6 M (\$35.6 M original estimate)**

Status:

- **LIDAR (aerial data) processed and turned into SCDOT**
- **Completed jurisdictional determination/habitat survey field work**
- **Completed noise/traffic monitoring field work**
- **Initiated geotechnical investigations**
- **Initiated pipe inspections**
- **Begin cultural resources survey**
- **Continue work on technical sections of environmental document**
- **Continue work on RFQ and RFP**

Significant Project Milestones:

- **Public Information Meeting – March 2015**
- **Categorical Exclusion – July 2015**
- **Request for Proposals – July 2015**
- **Award Contract/Contract Execution – December 2015**

I-85 Widening
Phase One From S-57 (Gossett Rd) to SC 105 (Hyatt St) &
Phase Two From SC 105 (Hyatt St) to SC 18 (Shelby Highway)
Cherokee and Spartanburg Counties

Scope:

- Phase one and two will be developed together and awarded as one project. The project includes widening the interstate from 4 to 6 lanes for approximately 16 miles. Most of the widening will occur toward the median. It includes improving interchanges at SC 110, S-11-39, S-11-82, SC 18, replacing the railroad crossing at mile marker 80.8 near exit 80 and raising the S-11-131 bridge overpass. Careful attention will be given to any mitigation efforts at the cemetery in the median at MM 95+/- . Removing local access along interstate ramps and treatment of slip ramps will also be considered during project.

Cost Estimate:

- Preliminary Engineering: \$5.9 M (\$8 M original estimate)
- Construction: \$254 M (anticipated updated cost spring 2015)

Status:

- Aerial surveys complete
- Mapping services initiated
- Infrastructure Consulting & Engineering selected for Design Services
- Limited Notice to Proceed Issued August 27, 2014
- Currently generating detailed scope and fee for consultant negotiations

Significant Project Milestones:

- Tentative Public Meeting – November 2014
- Environmental Assessment – November 2015
- Request for Proposals – June 2016
- Award Contract/Contract Execution – October 2016

I-85 Widening

Phase Three from SC 18 (Shelby Highway) to US 29 (Cherokee St.)

Cherokee County

Scope:

- Phase three will be developed by itself and awarded as a construction project once construction funding is identified. The preliminary engineering and environmental document will be developed concurrently with phase one and phase two. The project includes widening the interstate from 4 to 6 lanes for approximately 10 miles. Most of the widening will occur toward the median. It includes improving interchanges at S-11-83, SC 5/198, S-11-99, US 29, and potential replacement of the railroad crossing at mile marker 101. Removing local access along interstate ramps and treatment of slip ramps will also be considered during project.

Cost Estimate:

- Preliminary Engineering: \$1.9 M (\$4 M original estimate)
- Construction: \$171 M (Not identified)

Status:

- Aerial surveys complete
- Mapping services initiated
- Advertisement for Design Services on August 28, 2014
- Currently generating detailed scope and fee for consultant negotiations

Significant Project Milestones:

- Environmental Assessment – December 2016

I-20/26/126 Corridor Improvements Richland and Lexington Counties

Scope:

- The project includes the development of an Environmental Impact Statement (EIS) that will identify and assess the impacts of solutions to reduce congestion, improve traffic operations, increase safety, and increase capacity within the project corridor. The project area is generally defined as I-20 from the Saluda River to the Broad River, I-26 from US 378 to Broad River Road, and I-126 from Colonial Life Boulevard to I-26. The project will include the development of a funding feasibility report that will assess funding sources and strategies to construct the overall project via a phased approach.

Cost Estimate:

- **Preliminary Engineering: \$10 M**

Status:

- **Aerial surveys and mapping complete**
- **HDR, Inc. selected for preparation of EIS**
- **Limited Notice to Proceed Issued July 25, 2014**
- **Currently generating detailed scope and fee for consultant negotiations**

Significant Project Milestones:

- **Anticipated Final EIS – Spring 2018**

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Questions?

