

BOARD OF DIRECTORS

Vincent G. Graham, *Chairman*

Ernest Duncan

Senator Hugh K. Leatherman, Sr.

H.B. "Chip" Limehouse, III

Representative J. Gary Simrill

Joe E. Taylor, Jr.

Mike Wooten

**South Carolina
Transportation Infrastructure Bank**



955 Park Street
Room 120 B
Columbia, SC 29201
P: (803) 737-2875
Fax: (803) 737-2014

"The corporate purpose of the bank is to select and assist in financing major qualified projects by providing loans and other financial assistance to government units and private entities for constructing and improving highway and transportation facilities necessary for public purposes including economic development."
[*South Carolina Code of Laws, Chapter 43, Article 1*].

SCTIB Board Meeting
Gressette Bldg. - Room 105
December 14, 2016
10:00 am
Revised

- | | | |
|-------|--|--|
| I. | Call to Order | Chairman Vince Graham |
| II. | Consideration of Minutes of May 26, 2016, July 7, 2016, and July 26, 2016 | |
| III. | Opening Remarks | Chairman Vince Graham |
| IV. | Director's Report | Tami Reed |
| V. | SCDOT Update | Secretary Christy Hall |
| VI. | Committee and Working Group Reports | |
| | A. Strategic Plan Committee | Joe Taylor |
| | B. Project Evaluation Committee | Chairman Vince Graham |
| VII. | Administrative Items | |
| | A. Financial Statement Report | Chris Halkowitz, Scott & Company |
| | B. FY17-18 Budget and FY16-17 Debt Service Budget Resolution | Tami Reed |
| | C. Fiscal Sufficiency Resolution | Bill Youngblood, David Miller |
| | D. Reimbursement Resolution | Bill Youngblood, David Miller |
| | E. Resolution Authorizing Administrative Amendments to Hedges | Bill Youngblood, David Miller |
| | F. Proposed Revisions to Operating Guidelines | Jim Holly |
| | G. Staff Update | Chairman Vince Graham |
| VIII. | New Business | |
| | A. York County | York County Manager Bill Shanahan |
| IX. | Old Business | |
| | A. City of Aiken | Aiken Mayor Rick Osbon,
Aiken City Manager John Klimm |
| | B. Jasper County | Jasper County Administrator Andrew Fulghum,
Hardeeville Manager Michael Czymbor |
| | C. Charleston County | |
| | a. Charleston County Council Chairman Elliott Summey or his designees.(Tentative) | |
| | b. Charleston County Council Members Henry Darby and Dickie Schweers, or their designees.(Tentative) | |
| X. | Executive Session (if necessary) | Chairman Vince Graham |
| XI. | Mark Clark/ I-526 Extension Project Update and Resolution | Jim Holly |
| XII. | Other Business | Chairman Vince Graham |
| XIII. | Adjourn | |

MINUTES
South Carolina Transportation Infrastructure Bank
Board Meeting

Room 105, Gressette Building
Columbia, SC 29201

December 14, 2016
10:00 a.m.

NOTE: Notification of the time, date, place and agenda of this meeting has been posted and sent, in accordance with the provisions of the South Carolina Freedom of Information Act, to all persons or organizations, local news media, and other news media that requested notification of the time, date, place and agenda of this meeting. Efforts to notify the requesting person or entity include, but are not limited to, the transmissions of notice by U. S. Mail, electronic mail, or facsimile.

Present: Vincent G. Graham, Chairman, Presiding
Ernest Duncan
Senator Hugh K. Leatherman
H. B. "Chip" Limehouse, III
Representative J. Gary Simrill
Joe E. Taylor, Jr.
James "Mike" Wooten

Others present: Tami Reed, representing the Bank; Jim Holly, Board Secretary and Bank Counsel; Bill Youngblood of the McNair Firm, Bond Counsel; David Miller of Public Financial Management, the Bank's financial advisory firm; Christy Hall, Secretary of SCDOT; Wendy Nicholas, SCDOT Chief of Staff; other representatives of SCDOT; members of the public; representatives from several counties; members of the General Assembly; and media representatives.

The meeting was called to order by Chairman Graham.

Agenda and Consideration of Minutes:

Chairman Graham made a motion, seconded by Mr. Taylor to defer approval of Minutes until the end of the meeting and to combine Item VII. F, Proposed Revisions to Operating Guidelines, with Item VI.A. Strategic Plan Committee Report. The motion carried by a unanimous vote.

Opening Remarks:

Chairman Graham introduced and welcomed the newest members of the Bank Board, Representative Gary Simrill and former Representative Chip Limehouse. Both members were recently appointed by Speaker Jay Lucas. The Chairman introduced the other members of the Board and noted the appointing authority of each.

Director's Report:

Ms. Tami Reed gave a brief update on recent activities concerning the Bank. The Legislative Audit Council (LAC) Report was complete and available on-line through the LAC website. That report was a step in the review of the Bank by the House Oversight Committee. The Bank provided the LAC and Committee a large number of records dating back to the establishment of the Bank in 1997. Since the last Board meeting, Ms. Reed, Mr. Holly and Chairman Graham appeared at a number of meetings of the House Oversight Subcommittee assigned to review the Bank to make presentations and answer questions. The report of that subcommittee has been postponed until the Legislative Session commencing in January 2017.

Ms. Reed reported that the Bank and SCDOT staff have met to discuss the details of implementation of Act 275 of 2016. Most recently, representatives of both agencies, including Secretary Hall and Chairman Graham, attended a Joint Bond Review Committee (JBRC) meeting to discuss the working relationship between them with respect to Act 275.

SCDOT Update:

Chairman Graham introduced Secretary Hall to give an update on the progress of SCDOT in developing plans to implement the funding and financing of projects that will be part of the Act 275 program and the prior implementation of Act 98 of 2013. Ms. Hall stated that the SCDOT was moving towards developing funding groups of projects in programs rather than individual projects. Members of the Board asked the Secretary various questions about the plans she presented and complimented her and her staff on their work. A copy of the Secretary's is attached to and made part of these minutes.

Committee and Working Group Reports:

Mr. Taylor presented an update on behalf of the Strategic Plan Committee. Mr. Taylor explained the proposed revisions in the Board's agenda package to the Bank's Operating Guidelines were necessary to align those with Act 275. Mr. Holly provided a brief explanation of the revisions. Mr. Wooten questioned the language in Section F of the Guidelines that states that SCDOT "approves" projects of the SCTIB. Mr. Holly and Mr. Wooten discussed the intent of the law. Senator Leatherman stated the intent of Act 275 was that the SCDOT Commission approve, reject, or request more information on projects approved for funding by the Bank. Representative Simrill explained that the section in Act 275 being discussed was to provide a check and balance

on financial assistance on projects between the agencies and provide a mechanism for them to work together.

Mr. Limehouse questioned the revisions and the role of the Evaluation Committee in the decisions on projects. Mr. Holly explained that the entire Board has the final decision on projects.

Mr. Wooten made a motion to adopt the revisions to the Operating Guidelines on the contingency that Mr. Holly clarifies the language in Section F to outline the role of the SCDOT Commission in reviewing Bank projects so that it tracks the language of Act 275. Mr. Duncan seconded the motion which was unanimously approved.

Mr. Taylor made motion to extend the deadline for new applications provided for in the Operating Guidelines to January 31, 2017. Mr. Duncan seconded the motion which was unanimously approved.

Chairman Graham spoke on behalf of the Evaluation Committee and noted that the Committee had not been able to meet due to scheduling conflicts and would review any pending application in a meeting in January 2017. Mr. Graham explained the Committee is made up of himself, Mr. Taylor, and Mr. Duncan.

Administrative Items:

Chris Halkowitz of Scott & Company, external auditors of the SCTIB, presented a summary of the audited financial statements of the Bank for the 2015-2016 Fiscal Year. Mr. Halkowitz outlined the results of the audit report and the Required Communications Letter both of which are on file in the official records of the Bank. Mr. Taylor moved to accept the report on the audited financial statements which was seconded by Senator Leatherman and unanimously approved.

Ms. Reed gave a presentation of the FY17-18 Appropriations Budget. Mr. Taylor made a motion to approve the budget as presented and Mr. Duncan seconded. The motion passed by unanimous vote. A copy of the FY 17-18 Appropriations Budget so approved is on file in the official records of the Bank.

Ms. Reed presented FY16-17 Debt Service Budget Resolution and schedules as required by the Master Revenue Bond Resolution for the Board's consideration and approval. Mr. Limehouse made a motion to approve Resolution and Mr. Simrill seconded. The motion passed by unanimous vote. A copy of the FY 16-17 Debt Service Budget Resolution so approved is on file in the official records of the Bank.

Mr. David Miller of Public Financial Management, the Bank's financial advisor gave an update on the financial condition of the Bank. Mr. Miller pointed out that there was growth in the overall revenues of the Bank. Mr. Miller stated the Bank has enough cash to fund current project expenditures without issuing bonds. Mr. Miller also estimated the Bank currently has additional bonding capacity of \$145 to 200 million based on the usual assumptions. A copy of Mr. Miller's report is on file in the official records of the Bank.

Mr. Bill Youngblood of the McNair Firm, Bond Counsel for the Bank, presented the Fiscal Sufficiency Resolution required each year by the Bank's Master Revenue Bond Resolution. Senator Leatherman moved to approve the Resolution as presented. Mr. Wooten seconded the motion which was approved by a unanimous vote. A copy of the Fiscal Sufficiency Resolution is on file in the official records of the Bank.

Mr. Youngblood presented a Reimbursement Resolution to allow the use of bond proceeds from future revenue bond issues to reimburse eligible project expenditures and another Resolution Authorizing Administrative Adjustments to the 2003 B Bonds. Each resolution was recommended by Mr. Youngblood. Senator Leatherman separately moved to approve each resolution, and each motion was seconded by Mr. Wooten. Each motion was unanimously approved by the Board. The aforementioned resolutions are on file in the official records of the Bank.

New Business:

Mr. Bill Shanahan, York County Manager, gave a presentation on the application submitted to the Bank by the County for improvements to several intersections on Interstate 77 near Rock Hill. Mr. Shanahan explained that these areas of Interstate 77 are heavily congested. Mr. Shanahan explained that the SCTIB Funds would supplement the County's Penny Sales Tax funds the citizens had approved for these projects. Several Board members discussed the success of the York County Penny Sales Tax Programs over the years. The presentation made by the County and York County's application for these projects is on file in the official records of the Bank.

Old Business:

City of Aiken Mayor Rick Osbon stated that the City had unavoidably missed deadlines contained in the Intergovernmental Agreements (IGA's) with the SCTIB on two projects. The City Project Engineer, Rick Toole, explained the circumstances causing the delays and gave assurance of the ability of the City to meet the requested deadlines if approved. Mr. Holly explained the existing deadlines on the University Road Project and the Dougherty Road Project approved by the Board in 2012 and the new deadlines proposed by the City. Mr. Limehouse made a motion to approve the requested revisions of the deadlines in the IGA's as confirmed by Bank Counsel, and Mr. Duncan seconded the motion. The motion was unanimously approved.

Jasper County Administrator Andrew Fulghum explained to the Board that they would like to amend the 2009 application for the I-95 Exit 3 project for which the Board had approved \$3.9

million for permitting expenditures subject to certain conditions. Mr. Fulghum explained that they wished to revise a previous request to the Bank of a grant of \$56 million dollars to a request of a \$28 million grant and \$28 million loan. Hardeeville Mayor Williams spoke on behalf of residents of Jasper County stating that 24.5% live under the poverty level. He stressed that the unemployment rate is 4% proving the residents want to work. The new Jasper Ocean Terminal that would be serviced by the new exit would provide much needed employment to the area. Senator Margie Bright Matthews spoke on the benefits of the project to the economically distressed area. Mr. Taylor explained that the Evaluation Committee would review the amended application at a future meeting.

Chairman Graham called the meeting back to order at 12:21 p.m. after a break of approximately 15 minutes.

Chairman Graham gave a 15 month history of the Mark Clark Extension Project. Chairman Graham stated that Charleston County had three months to come up with a plan for the funds needed for the project. Among other things, he stated that there had numerous meetings between representatives of the Bank and the County and that a viable plan for funding the full project has not been presented by the County. Chairman Graham stated that the project was not a top priority for Charleston County or for SCDOT based on existing state and regional priority lists. A copy of the Chairman's detailed comments on this project that he read from are on file with the official records of the Bank.

Mr. Wooten then stated that the Bank entered into an agreement with Charleston County and SCDOT in 2007. He stated that approximately \$30 million has been spent in advance acquisition right of way and that the project is a corridor for Charleston County. He stated that a lot of time and money would be wasted by unwinding this project. He also stated that it was SCDOT's job to manage the project and not to fund the project, and the increased funds to complete the project was the County's responsibility not the Bank's. He then stated that it was not a project that SCDOT would ever fund, but that the Bank Board should honor the agreement and rescind actions to unwind the project.

Mr. Limehouse then expressed thanks to Charleston County and dignitaries that were present. He stated that 80% of Charleston residents wanted the project. He stated that John's Island is exploding and if there was a mandatory evacuation the Island would be in trouble. He then seconded what he understood to be a motion from Mr. Mike Wooten to cease unwinding the project. Chairman Graham then asked for voting to be held off until Charleston County finished its presentation. There was no objection to the request or a call to vote on the motion.

Mr. Elliott Summey, Charleston County Council Chairman, spoke on behalf of the project. He stated that the County proposes to provide \$150 million in additional funds for the project over a period of time. City of Charleston Mayor John Tecklenburg then explained that the Mark Clark will be the hub for future transportation. Mayor Tecklenburg stated that the County and City had

a plan to use future Charleston Area Transportation Study (CHATS) funds known as federal guideshares at some point in the future to fund the remaining portion of the shortfall to complete the project. The Mayor presented several slides on project. Senator Sandy Senn also spoke in favor of the project stating that she has conducted a private survey that shows 78% of Charleston County residents want the project. The printed and slide presentations presented by the County and City are on file in the official records of the County.

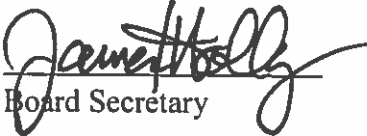
Mr. Graham read email from Charleston County Council members Henry Darby and Dickie Schweers that requested Ms. Robin Welch from “Nix 526” be allowed to speak on their behalf in opposition to the project. Mr. Graham called Ms. Welch to the podium to speak. Mr. Wooten raised an objection to Ms. Welch being allowed to speak. Chairman Graham stated he would allow Ms. Welch eight (8) minutes to speak. Ms. Welch presented remarks in opposition to the project.

Mr. Duncan requested to speak before the Board took any action on the project on a point of personal privilege. He stated that he has served on the Board for over ten years. He stated that he was strongly disappointed and embarrassed in the behavior and conduct of various leaders involved with this project. Rather than focus on the pros and cons of the project as he did, they engaged in personal attacks and inappropriate comments. He stated that the citizens of South Carolina deserved better.

There was an extended discussion among Board members about the project and the presentation by representatives of the City and County and questions by the Board to and responses from Mayor Tecklenburg and Chairman Summey. After that discussion, the consensus of the Board was that before the Bank takes any further action on the project the County and City should be given additional time to present the Bank and its staff with the written details and specifics of a viable, binding plan to fund the shortfall to complete the full, complete project in advance of the next Board meeting. It was emphasized by Mr. Taylor and Senator Leatherman that the Board and staff would need this information, including details on the funding sources and a schedule of when they would be available, well in advance of the next meeting so they would have time to evaluate the plan. Chairman Graham made a motion to defer any action or motion on the project to the next regular meeting of the Board. Mr. Wooten seconded the motion. The motion was adopted unanimously. The Chairman explained the Board’s plan was to have scheduled quarterly regular meetings in 2017 and that the next meeting may be in March.

The Board then took up the approval of minutes which was deferred from Item II of the agenda. Mr. Taylor made a motion to approve the minutes of the May 26, July 7 and July 26, 2016 meetings. Mr. Duncan seconded the motion. The motion was unanimously approved.

Chairman Graham thanked all members and guests for their time and the motion to adjourn was adopted by unanimous acclamation.


Board Secretary



South Carolina Department of Transportation

The background of the slide is a collage of transportation-related images. On the left, a yellow road grader is parked on a dirt shoulder next to a road. In the center, a large blue eagle graphic is superimposed over a road that curves into the distance. On the right, a white semi-truck is shown from a low angle, with its trailer and wheels visible. The entire scene is set against a dark blue background with light rays emanating from the center.

Proposed Collaborative Interstate Program

Presented By: Secretary Christy Hall

Act 98 of 2013: Interstate Widenings



Interstate Widenings

Act 98 of 2013 provided for a \$50M annual transfer to the SIB through the DOT for the Interstate Program.

- *4 interstate widening projects were initially identified and approved all the way through JBRC.*
- *Preliminary Engineering funds were set aside to start design work on several other projects.*



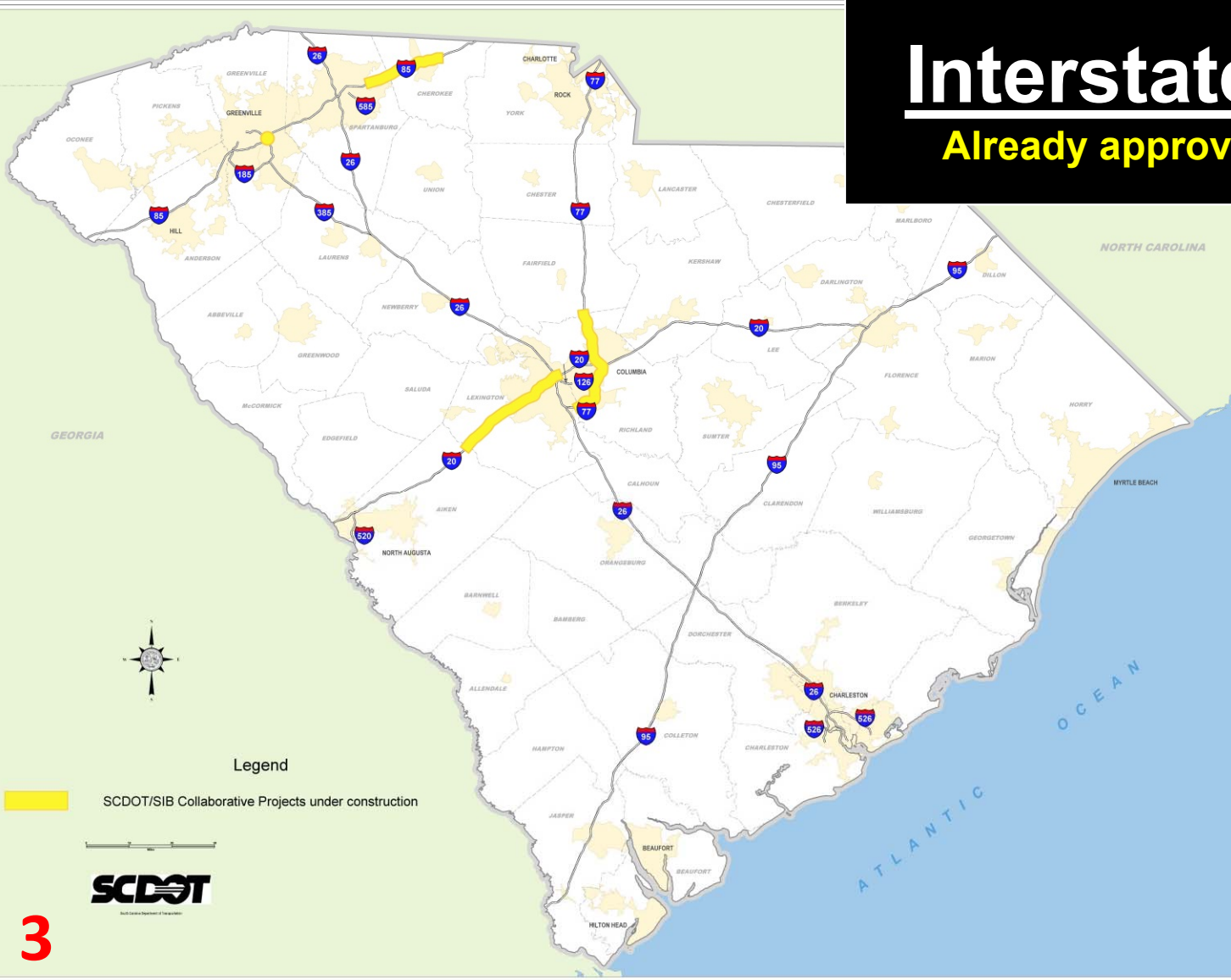
Interstate Widenings

Already approved and under contract

**\$535.4M SIB funding
+\$464.6M SCDOT**

\$1 Billion

- ***I 385/85 interchange in Greenville County***
- ***I-20 in Lexington County***
- ***I-77 in Richland County***
- ***I-85 Phase 1 & 2 in Spartanburg & Cherokee Counties***



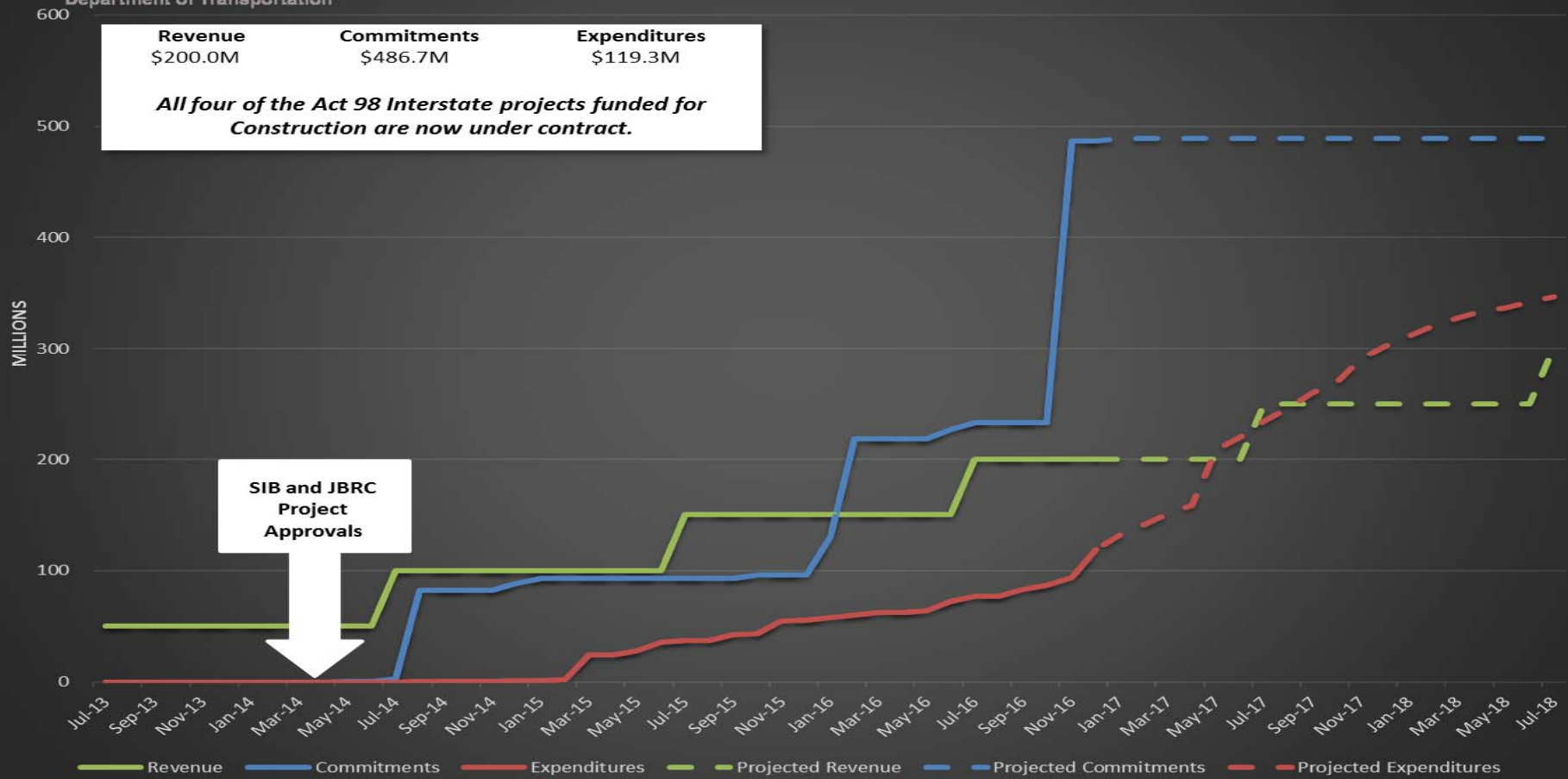


South Carolina
Department of Transportation

SIB Interstate Improvements Expended thru November 30, 2016

Revenue	Commitments	Expenditures
\$200.0M	\$486.7M	\$119.3M

All four of the Act 98 Interstate projects funded for Construction are now under contract.



Act 275 of 2016



5

SCDOT

Act 275: Funding

Act 275 is expected to dedicate ≈\$215 M annually, on a recurring basis, into the State Highway Fund.

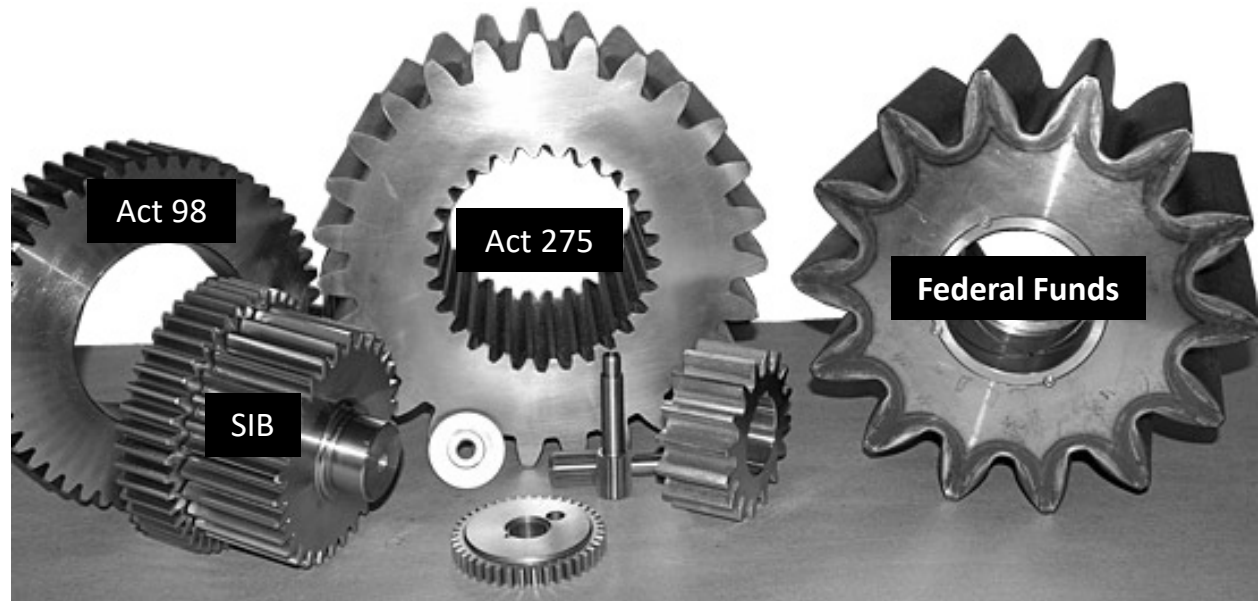
≈ \$149 M in “new” funding

≈ \$65 M in redirected existing SCDOT funding



An “All-in” Plan

How should the currently available funding be blended to support SCDOT’s priorities?



Programs



Bridges



Resurfacing



Interstate Widening

Plus other key priorities



Act 275: Funding

Act 275 is expected to dedicate ≈\$215 M annually, on a recurring basis, into the State Highway Fund.

≈ \$149 M in “new” funding

≈ \$65 M in redirected existing SCDOT funding

\$40M “off the top” for the Resurfacing Program

\$67M for the Bridge Program

≈\$108M for the Interstate Widening Program

SIB

SIB

9



An “All-in” Interstate Plan

General Approach:

- ***Utilize ranking list to guide project selection.***
- ***Utilize Act 98, Act 275 and federal funds to maximize results.***
- ***Engage SIB when required due to financing needs of the construction phase of the interstate widening projects.***
- ***Assume 20 year bonds @ 4% interest, with Act 98 & Act 275 funds available to fully retire the debt.***



Additional Interstate Projects **Proposed** for SIB construction phase financing

- *SIB has approved \$20Million in PE funds for I-20/26/126, I-85 Phase III in Cherokee, I-20 in Aiken, I-26 in Spartanburg.*
- *SCDOT to utilize federal funds to address any PE or Right of Way funding gaps on previously SIB approved projects.*
- *PE and ROW costs on any other project in the program to be funded by SCDOT.*
- *Construction phase funding proposed to be financed via the SIB leveraging in Act 98 & 275 funds.*



Additional Interstate Projects **Proposed** for SIB construction phase financing

- *I-20/26/126 (Malfunction Junction)*
- *I-85 Phase III in Cherokee Co. from SC 18 (Exit 96) to NC State Line*
- *I-26 in Spartanburg Co. from US 176 (Exit 15) to SC 296 (Exit 22)*
- *I-26 in Berkeley Co. from SC 27 (Exit 187) to Nexton Parkway (Exit 197)*
- *I-85 in Greenville & Spartanburg Co. from I-385 (Exit 51) to SC 85 (Exit 69)*
- *I-526 in Berkeley & Charleston Co. from Rivers Ave. (Exit 18) to US 17 (Exit 30)*



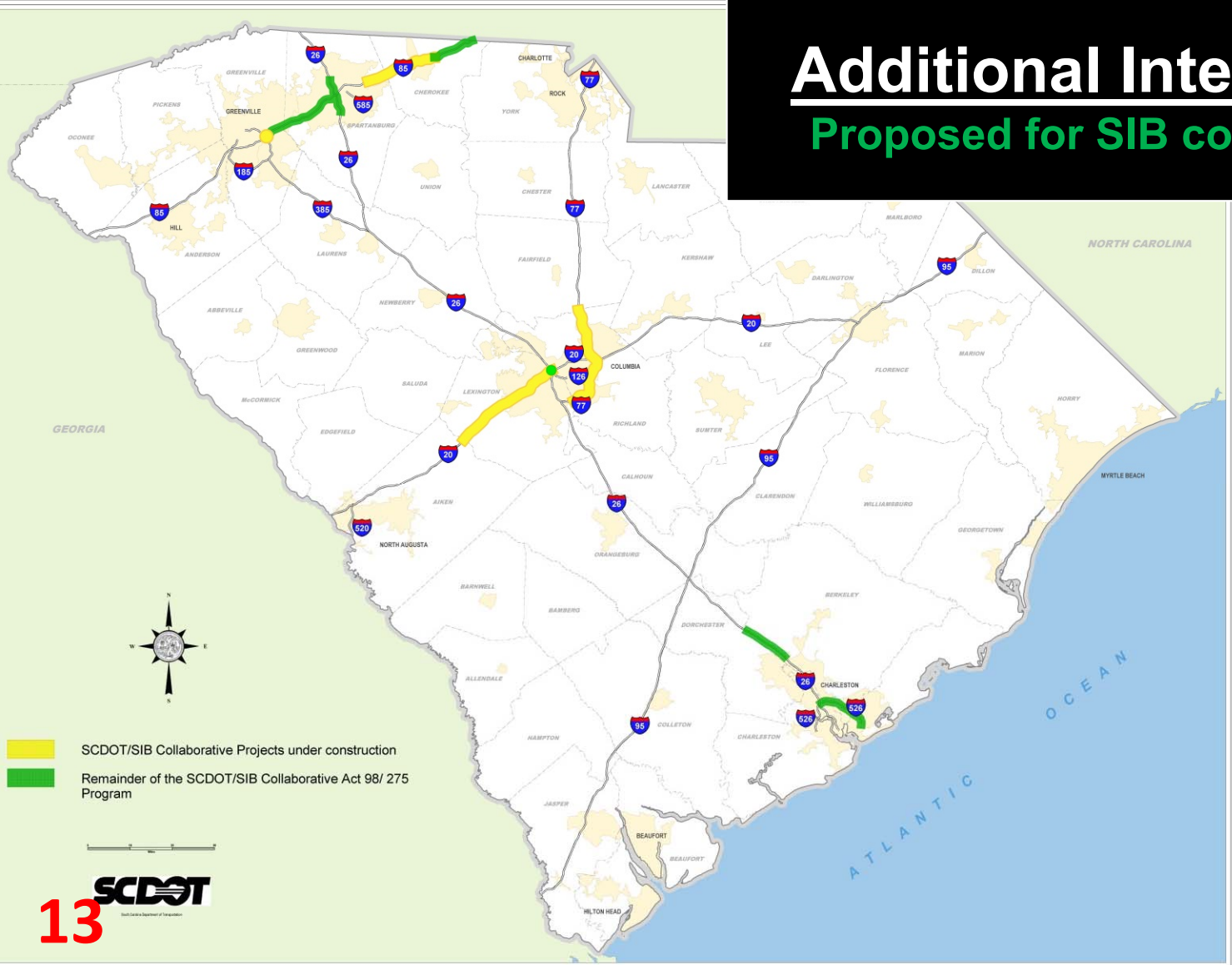
Additional Interstate Projects

Proposed for SIB construction financing

Proposed Additional Projects

≈\$2.8B SIB & Cash
+ ≈\$500M SCDOT Federal

≈\$3.3 Billion Total



Interstate Widening: SCDOT Standalone Program

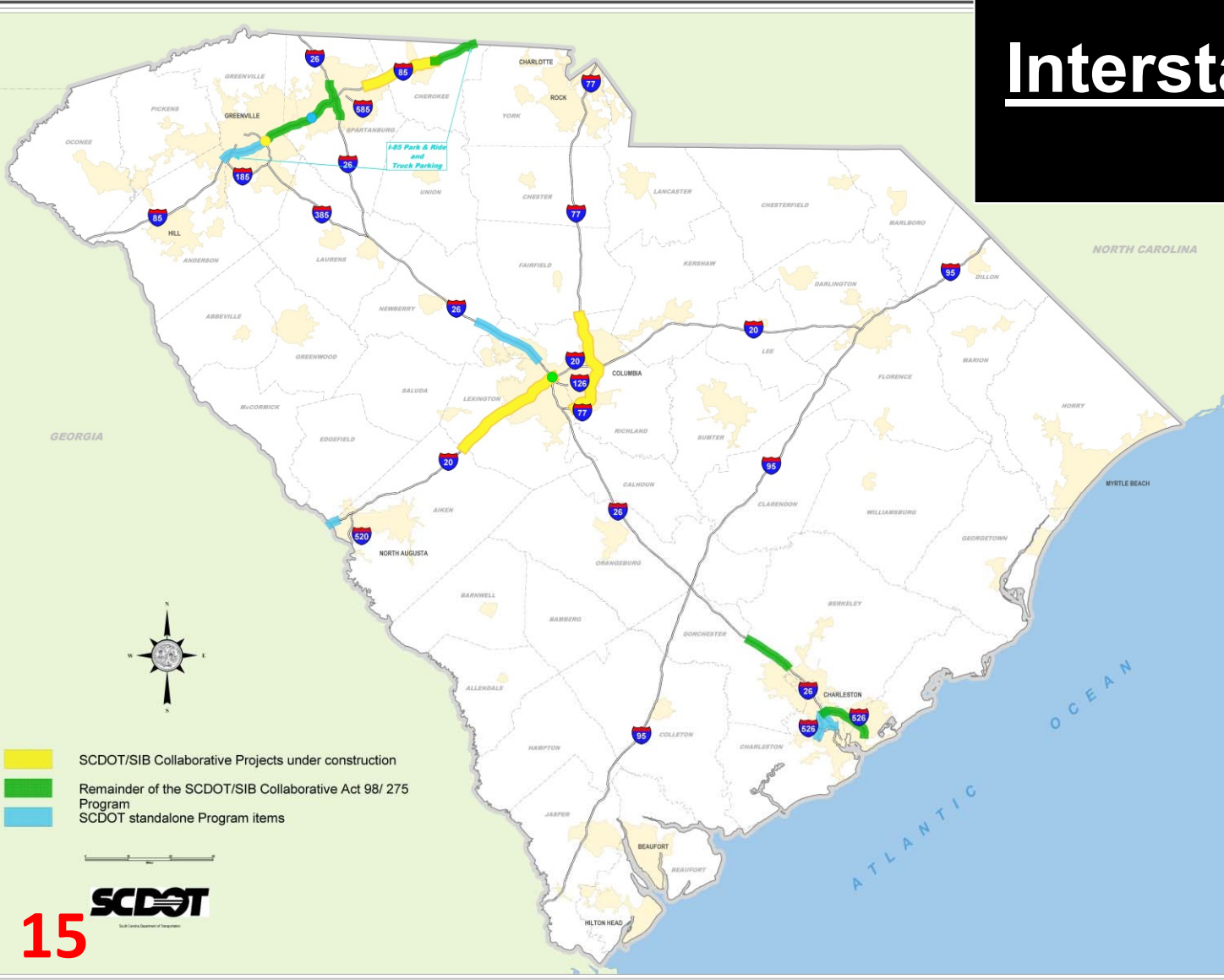
- ***I-85 in Anderson & Greenville Co. from SC 153 (Exit 40) to I-385 (Exit 51)***
- ***I-526 in Charleston Co. from Paul Cantrell Rd (Exit 11) to Rivers Ave. (Exit 18)***
- ***I-26 in Charleston Co. from I-526 (Exit 212) to Port Access Rd. (Exit 217)***
- ***I-20 in Aiken Co. from Georgia State Line to SC 230 (Exit 1)***
- ***I-26 in Newberry, Lexington & Richland Co. from SC 202 (Exit 85) to US 176 (Exit 101)***
- ***I-85 Park & Ride and Truck Parking***
- ***I-85/SC 290 Interchange Improvement***



Interstate Widenings: All-In



**≈ \$5 Billion
Total Planned
Program
Value**



- SCDOT/SIB Collaborative Projects under construction
- Remainder of the SCDOT/SIB Collaborative Act 98/ 275 Program
- SCDOT standalone Program items

Interstate Capacity (Widening) Ranking List

Rank	Route	Segment	Length	Notes
2007-1	CHARLESTON	I-26 US 52 CONN TO I-526	4.42	Complete
2007-2	GREENVILLE	I-385 N of S-272 (6 lane section) TO I-85	6.45	Complete
2007-3	RICHLAND	I-20 I-77 TO S-53	5.94	Complete
2007-4	LEXINGTON/RICHLAND	I-26 *US 176 TO S-36 (ST ANDREWS RD)	4.98	Proposed SCDOT-SIB Collaborative Project
2007-5A	ANDERSON/GREENVILLE	I-85 SC 153 (EXIT 40) TO I-385 (EXIT 51)	11.00	SCDOT Standalone Project
2007-5B	GREENVILLE/SPARTANBURG	I-85 I-385 (EXIT 51) TO SC 85 (EXIT 69)	18.00	Proposed SCDOT-SIB Collaborative Project
2007-5B1	GREENVILLE	I-85 INTERCHANGE WITH I-385	1.00	Act 98: Construction Underway
2007-5B2	SPARTANBURG	I-85 INTERCHANGE WITH SC 290	1.00	SCDOT Standalone Project
2007-6A	CHARLESTON/BERKELEY	I-526 RIVERS AVE. (EXIT 18) TO US 17 (EXIT 30)	12.00	Proposed SCDOT-SIB Collaborative Project
2007-6B	CHARLESTON/BERKELEY	I-526 PAUL CANTRELL RD. (EXIT 11) TO EXIT 18	7.00	SCDOT Standalone Project
2007-7	LEXINGTON/CALHOUN	I-26 US 321 TO S-31	9.50	Construction Underway
2007-8	CHARLESTON	I-526 **S-97 (LONG POINT RD) TO US 17 EXIT 30)	2.06	Proposed SCDOT-SIB Collaborative Project
2007-9	LEXINGTON	I-20 S-204 TO US 378	10.31	Act 98: Contract Awarded
2007-10	SPARTANBURG	I-85 SC 85 TO I-85 BUS LOOP	8.75	Reconfigure Existing Lanes
2007-11	ANDERSON/GREENVILLE	I-85 ***SC 153 TO US 25	3.00	SCDOT Standalone Project
2007-12	CHARLESTON	I-26 I-526 TO PORT ACCESS RD	5.00	SCDOT Standalone Project
2007-13	LEXINGTON/RICHLAND	I-20 Near I/20/26/126 TO I-77	14.45	Corridor Study
2007-14	LEXINGTON/RICHLAND	I-26 I-126 TO US 321	7.22	Corridor Study
2007-15	RICHLAND	I-77 I-20 TO SC 277	2.58	Act 98: Contract Awarded
2007-16	BERKELEY/CHARLESTON	I-26 US 17-A TO US 52 CONN	9.05	Corridor Study
2007-17	GREENVILLE	I-385 S-55 TO N of S-272 (6 lane section)	2.58	Complete
2007-18A	SPARTANBURG/CHEROKEE	I-85 US 221 TO SC 18	18.00	Act 98: Contract Awarded
2007-18B	CHEROKEE	I-85 SC18 TO US 29	10.00	Proposed SCDOT-SIB Collaborative Project
2007-19	SPARTANBURG	I-26 US 176 TO SC 296	8.02	Proposed SCDOT-SIB Collaborative Project
2007-20	AIKEN	I-20 GA STATE LINE TO SC 230 (Exit 1)	1.00	SCDOT Standalone Project
2007-21	NEWBERRY/LEXINGTON/RICHLAND	I-26 SC 202 TO US 176	16.12	SCDOT Standalone Project
2007-22	YORK	I-77 US 21 TO SC 122	2.02	Under Review
2007-23	GREENVILLE	I-385 I-85 TO SC 291	3.91	Under Review
2007-24	RICHLAND	I-77 SC 277 TO US 21	5.60	Corridor Study
2007-25	BERKELEY	I-26 SC 27 TO NEXTON PARKWAY (EXIT 197)	10.00	Proposed SCDOT-SIB Collaborative Project

*Within project limits of Carolina Crossroads EIS

** Combined with ranking 2007-6A

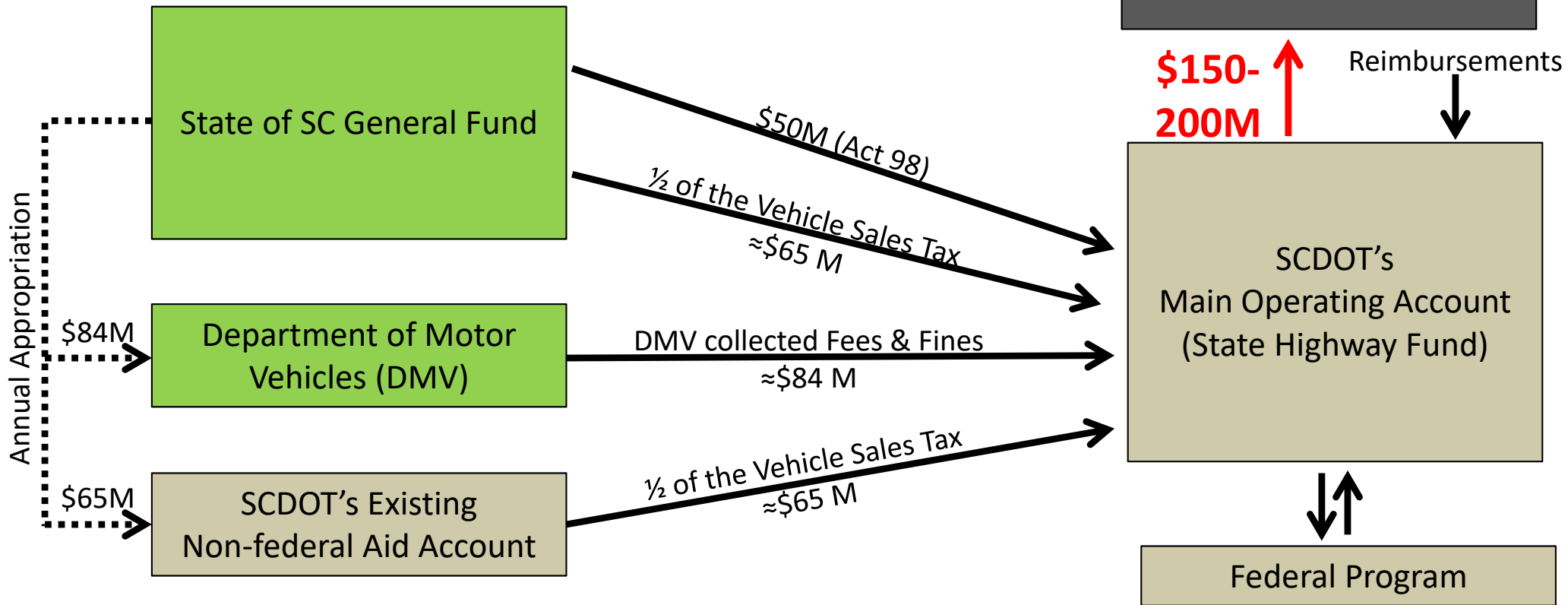
*** Combined with ranking 2007-5A

I-85 Park and Ride Extends from SC 153 in Anderson County to the NC State Line

10

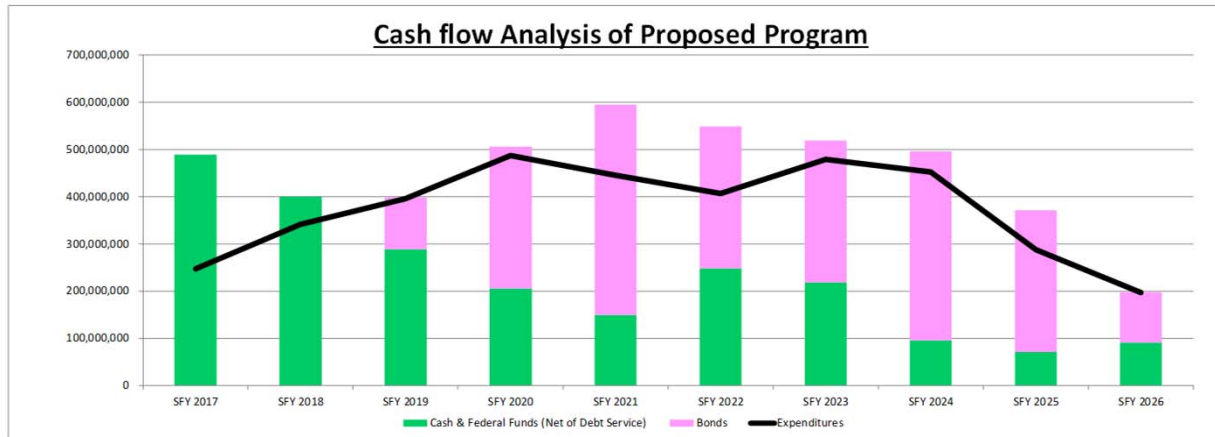


Leveraging through the SIB



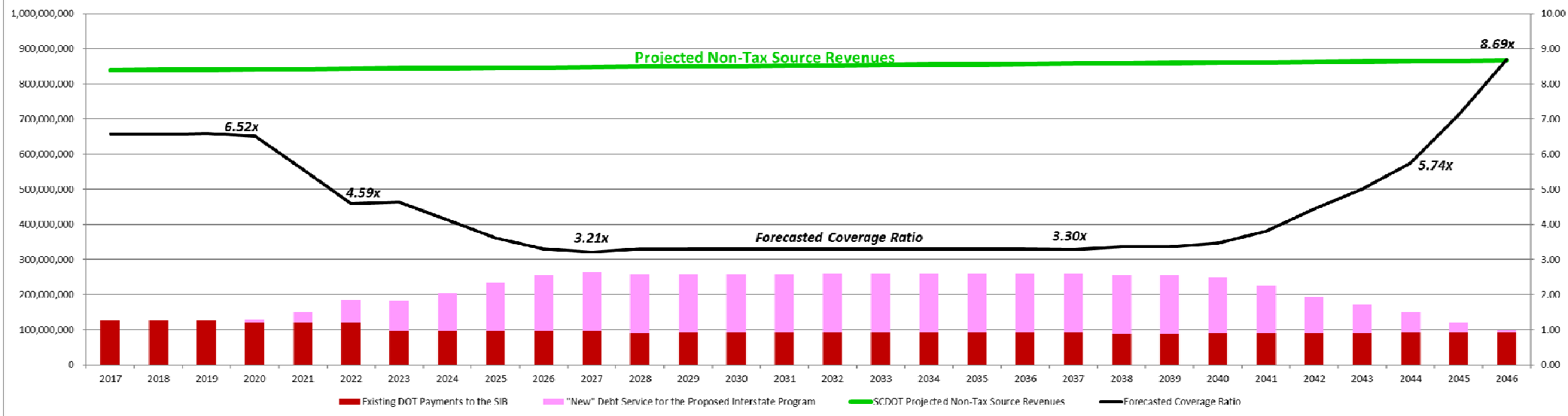
Preliminary Scenario November 14, 2016

	Year 1 SFY 2017	Year 2 SFY 2018	Year 3 SFY 2019	Year 4 SFY 2020	Year 5 SFY 2021	Year 6 SFY 2022	Year 7 SFY 2023	Year 8 SFY 2024	Year 9 SFY 2025	Year 10 SFY 2026	Year 11 SFY 2027	Totals thru SFY 2026
SIB-DOT Collaborative Program: EXPENDITURES												
Existing Act 98 Interstate Projects	247,572,330	287,057,195	185,008,546	129,706,965	52,582,624	1,481,905	740,952	0	0	0	0	904,150,516
I-85 (Phase III) Construction - Cherokee County	0	31,534,884	75,683,721	75,683,721	75,683,721	12,613,953	0	0	0	0	0	271,200,000
I-26 (US 176 to SC 296) Construction - Spartanburg County	0	0	0	0	0	0	0	51,219,133	51,219,133	51,219,133	0	153,657,400
I-26 (SC 27 to US 17 Alternate) Construction - Berkeley County	0	22,676,500	45,353,000	22,676,500	0	68,883,925	75,146,100	6,262,175	0	0	0	240,998,200
I-20/26/126 Construction - Lexington/Richland Counties	0	0	90,000,000	200,000,000	216,000,000	216,000,000	216,000,000	216,000,000	200,000,000	146,000,000	0	1,500,000,000
I-85 Widening from Near I-385 (Exit 51) to Near SC 85 (Exit 69)	0	0	0	58,592,593	100,444,444	100,444,444	100,444,444	92,074,074	0	0	0	452,000,000
I-526 Widening & Interchange (Exit 18) to (Exit 30)	0	0	0	0	0	7,234,684	86,816,205	86,816,205	36,173,419	0	0	217,040,513
Total Anticipated Expenditures	247,572,330	341,268,579	396,045,266	486,659,778	444,710,790	406,658,911	479,147,702	452,371,587	287,392,552	197,219,133	0	3,739,046,629
REVENUES												
Carryforward (Cash & Federal Funds)	417,096,938	241,024,608	58,237,030	2,673,311	19,142,908	149,402,919	141,016,515	39,154,046	43,091,544	83,643,169	14,653	580,717,176
Act 98 Revenue (held flat @ \$50M)	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	580,717,176
Act 275 Revenue (assume 1% Growth annually)	16,500,000	93,000,000	108,000,000	109,080,000	110,170,800	111,272,508	112,385,233	113,509,085	114,644,176	115,790,618	116,948,524	1,004,352,421
Additional Federal Interstate Upgrade Funds	5,000,000	15,481,000	72,481,548	52,149,376	0	0	0	0	0	0	0	481,491,686
Bond Proceeds utilizing Act 98 equivalent revenues	0	0	110,000,000	300,000,000	265,000,000	0	0	0	0	0	0	675,000,000
Bond Proceeds utilizing a portion of the Act 275 equivalent revenues	0	0	0	0	180,000,000	300,000,000	300,000,000	400,000,000	300,000,000	106,600,000	0	1,586,600,000
Debt Service, Act 98, Max @\$49.7M	0	0	0	(8,100,000)	(30,200,000)	(49,700,000)	(49,700,000)	(49,700,000)	(49,700,000)	(49,700,000)	(49,700,000)	(286,800,000)
Debt Service, Act 275, Max @\$116.95M	0	0	0	0	0	(13,300,000)	(35,400,000)	(57,500,000)	(87,000,000)	(109,100,000)	(116,950,000)	(302,300,000)
Total Anticipated Revenues	488,596,938	399,505,608	398,718,577	505,802,687	594,113,708	547,675,427	518,301,748	495,463,132	371,035,721	197,233,787	313,178	3,739,061,282
REVENUES - EXPENDITURES NET ANNUALLY	241,024,608	58,237,030	2,673,311	19,142,908	149,402,919	141,016,515	39,154,046	43,091,544	83,643,169	14,653	313,178	14,654

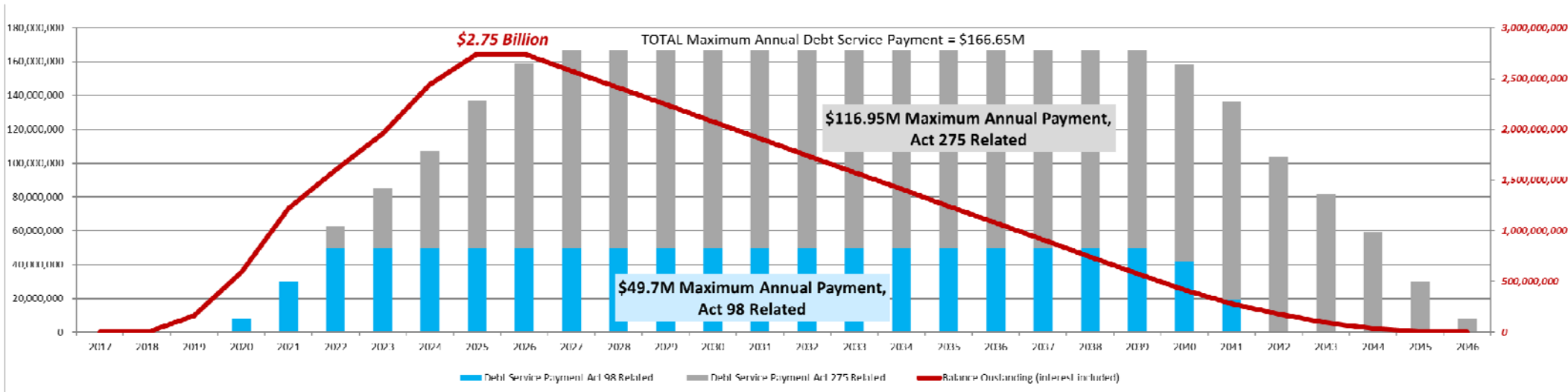


Coverage Ratios: 3x minimum required


SCDOT Proposed Interstate Bonding Program: Estimated SCDOT Payments to the SIB relative to SCDOT Projected Non-Tax Source Revenues



Preliminary Amortization Schedule through 2046



SIB-financed Interstate Program: The Next Steps

-  ***Commission approval of the concept and agreement to submit proposed financed program to the SIB.***

- ***Request feedback from the SIB regarding:***
 - Proposed program***
 - Details on financing terms and timing***
 - Assumed terms and interest rates***
 - Reserves / Debt Service coverage requirements***

- ***Formal application submittal.***





Project Updates

I-85 /I-385 Interchange Improvement Greenville County

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 lanes 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:

All-in cost estimate for Design Build Contract, CE&I and Project Management: \$270 M (\$80 M approved SIB funding)

Project is under Contract and work is underway:

Design-Build Contractor: Flatiron Constructors, Inc./Zachry Construction Corporation Join Venture

Design-Build Contract Value: \$239 Million

Paid to Date: \$ 76 Million (31.7%)

Completion Date: May 2019



I-77 Widening (I-20 to Killian Road) Richland County

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 (\$1.6 M approved SIB funding)

Construction: \$102 M (\$37.1 M approved SIB funding)

Project is under contract and work has recently begun:

Design-Build Contractor: Archer Western Construction, LLC

Design-Build Contract Value: \$88 Million

Paid to Date: \$22 Million (25.2%)

Completion Date: July 2018



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

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 (\$1.5 M approved SIB funding)

Construction: \$117.9 M SIB Funding and \$0.5 M Safety Funds (\$154.7 M approved SIB funding)

Project is under contract and work has recently begun:

Design-Build Contractor: Zachry Construction Corporation

Design-Build Contract Value: \$100 M

Paid to Date: \$19 M (18.7%)

Completion Date: September 2018



I-85 Widening Phases 1 and 2

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

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: \$6.5 M (\$8 M approved SIB funding)

Construction: Approximately \$500 M (\$254 M approved SIB funding)

Project is now under contract:

Design-Build Contractor: Blythe-Zachry Joint Venture

Design-Build Contract Value: \$436 M

Completion Date: Summer 2020



I-85 Widening Phase 3 from SC 18 (Shelby Highway) to US 29 (Cherokee St.) Cherokee County

Phase three will be developed by itself and awarded as a construction project once construction funding is fully 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: \$4 M (\$4 M approved SIB funding)

Construction: \$171 M (proposed to be included as part of Act 275 program)

Status:

- Property/right-of-way survey nearly complete
- Environmental Studies/Document is 80% complete
- Preliminary Interchange design is 85% complete
- Preliminary Mainline Design 85% complete

Significant Project Milestones:

- Public Hearing – February 2017
- Environmental Assessment – Spring 2017
- Anticipated Design/Build Contract – Fall 2018



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

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 an implementation report that will assess strategies to construct the overall project via a single-phase or multi-phase approach.

Cost Estimate:

Preliminary Engineering (EIS only): \$20.1 million (\$10.0 M approved SIB funding)

Total Project Concept Budget: \$1.5 billion (Full funding proposed in Act 275 Program)

Status:

- Traffic data collection and analysis substantially complete – April-October 2015
- Developing range of alternatives – January-September 2016
- Alternatives Public Information Meeting, which provided a range of alternatives to public – October 4, 2016

Significant Project Milestones:

- Anticipated Final EIS – Summer 2018
- Anticipated Design/Build Contract – Fall 2019



I-20 Widening Aiken County

This project will be completed by Georgia DOT as part of our proposed shared project to replace the bridges over the Savannah River. Georgia DOT will have the lead in the project and SCDOT will be responsible for SC's share of the project cost. Estimated cost share is \$20-40M. It is likely that the widening of I-20 will be limited up to and just past the first interchange in SC.



SCDOT

South Carolina Department of Transportation



Questions?