

**South Carolina
Transportation Infrastructure Bank**



BOARD OF DIRECTORS

Vincent Graham
Chairman

Max Metcalf
Vice-Chairman

Ernest Duncan

Senator Hugh K. Leatherman, Sr.

Representative Chip Limehouse

Jim Rozier

Joe E. Taylor, Jr.

Debra R. Rountree
*Director, Infrastructure
Bank Operations*

955 Park Street
Columbia, SC 29201
P: (803) 312-5674
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SCTIB

Board Meeting

SCDOT Headquarters Building
5th Floor Auditorium
955 Park Street
Columbia, South Carolina
October 27, 2015
2:00 p.m.

REVISED

AGENDA

- | | |
|---|---------------------------------------|
| I. Call to Order | Chairman Vince Graham |
| II. Consideration of Minutes of May 18, 2015 and June 18, 2015 Meetings | |
| III. Storm Recovery Update from SCDOT | SCDOT Secretary Hall |
| IV. Financial Statement Presentation | Chris Halkowitz,
Scott and Company |
| V. Project Status Update | |
| A. SCDOT Managed Projects | Leland Colvin, SCDOT |
| 1- Horry County 2007 Projects | |
| 2- Florence County Projects | |
| 3- Mark Clark Project | |
| 4- Act 98 Projects | |
| B. Beaufort County Projects | Robert McFee |
| C. Charleston County – Mount Pleasant Project | Staff |
| D. Dorchester County Projects | Jason Ward |
| E. City of Charleston Project | Hernan Pena |
| F. City of Aiken Projects | Staff |
| VI. Financial Plan Update | David Miller |

- VII. Administrative Items
 - A. Debt Service Budget Resolution Tami Reed
 - B. Resolution Authorizing Execution of Intergovernmental Agreements and Other Agreements Jim Holly
 - C. Ratification of Act 98 Project Agreement Jim Holly
- VIII. FY16-17 Appropriation Budget Tami Reed
- IX. New Requests
 - A. Berkeley County Thomas Lewis
 - B. Jasper County Marty Sauls
- X. Strategic Plan Discussion Chairman Vince Graham
- XI. Update on and Review of Mark Clark Project Jim Holly
- XII. Executive Session
- XIII. Post Executive Session Actions (If required)
- XIV. Other Business Chairman Vince Graham
- XV. Adjourn

MINUTES
South Carolina Transportation Infrastructure Bank
Board Meeting

SCDOT Headquarters Building
5th Floor Auditorium
955 Park Street
Columbia, SC 29201

October 27, 2015
2:00 p.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
Max Metcalf, Vice-Chairman
Ernest Duncan
Senator Hugh K. Leatherman
Representative Chip Limehouse
Jim Rozier
Joe E. Taylor, Jr.

Others present: Tami Reed, representing the Bank; Jim Holly, Board Secretary and Bank Counsel; Bill Youngblood of the McNair Firm, Bond Counsel for the Bank; David Miller of Public Financial Management, the Bank's financial advisor; Christy Hall, Secretary of SCDOT; Wendy Nicholas, SCDOT Chief of Staff; Leland Colvin, SCDOT; and other representatives of SCDOT; a number of elected officials and local officials and representatives; members of the public; and media representatives.

The meeting was called to order by Chairman Graham.

Chairman Graham welcomed guests and gave a brief introduction of himself and his business experience with the design, finance, and building infrastructure, which included 20 miles of roads, 40 miles of sidewalks and paths, and ten bridges. Chairman Graham thanked the Governor for the opportunity to serve on the Board. Chairman Graham also thanked Mr. Don Leonard for his twelve years of service as Chairman for the Bank and his legacy, which included an outstanding staff, cohesive Board, and solid financial position. Chairman Graham said Don left big shoes, and pledged to do his best to fill them. The Chairman went on to thank the bank's staff members - Tami Reed and Debra Rountree; principle consultants - Jim Holly and David Miller; and Secretary Christy Hall and her Chief of Staff at the DOT, Wendy Nicholas.

The Chairman spoke of an interest in history as a useful guide for decision making. For context, he noted that in a little more than two months we'll be into 2016 – a year which marks the 100th anniversary of passage of the first federal highway bill. This 1916 act led to the establishment of most of the state DOTs in the country, which were then called state highway departments. The bill provided a mechanism to funnel money from the federal government to the states for building automotive infrastructure. This was unprecedented, as before that time most transportation infrastructure was funded either privately or at the local government level.

During the previous 100 year period, 1816-1915, numerous innovations had taken place – steam ships, trains, street cars, subways, bicycles, automobiles. In comparison, over the last 100 years since the federal and state governments had gotten into the infrastructure business, we have had relatively little innovation. Chairman Graham suggested that putting most of our transportation eggs in the automotive basket may have resulted in crowding out other forms of transportation choice, and possibly undermined the type of transportation innovation that might have otherwise occurred. He posed a question: over the next 100 years, do we wish to continue perpetuating the automotive vision or do we want to try to make room for other forms of transportation choice and encourage innovation?

Chairman Graham also said that the meeting was being live streamed so folks at home could watch.

Approve May 18, 2015 and June 18, 2015 Minutes: Mr. Metcalf made a motion, seconded by Mr. Limehouse to approve the minutes of the May 18, 2015 and June 18, 2015, meetings as presented. The motion passed unanimously.

Storm Recovery Update: Acting Secretary Christy Hall gave an update as to the status of the recovery efforts by SCDOT from the rain storms the first week of October 2015. Secretary Hall outlined the damage caused by the flooding as well the resulting road and bridge closures. Secretary Hall explained the different Federal Assistance programs (FEMA and FHWA Emergency Relief Program) and how the SCDOT is planning to maximize the reimbursements. A copy of Secretary Hall's presentation is attached to these minutes.

Financial Statement Presentation: Chairman Graham introduced Chris Halkowitz, CPA, CFE with Scott and Company to present the Bank's 2015 Audited Financial Statements. Mr. Halkowitz discussed the results of the audit of the 2015 Financial Statements performed by Scott and Company auditors. The Bank audited Financial Statements are located on the South Carolina State Auditor's Office website <http://osa.sc.gov>.

Project Status Updates: Prior to hearing project updates, Chairman Graham asked Max Metcalf, Chair of the Project Evaluation committee, to review the established project criterion used to evaluate each application to the SCTIB. Mr. Metcalf then provided a summary of the 6-page project criterion.

Leland Colvin of SCDOT presented an update of the active Bank projects managed by SCDOT. A copy of Mr. Colvin's presentation "State Infrastructure Bank Program Status Report 2015" is attached to these minutes. In his presentation, Mr. Colvin discussed the following projects: (1) Horry County Ride 2007 Projects - Carolina Bays Parkway Extension and SC Highway 707 Widening in Horry County and Georgetown Counties; (2) Florence County Projects - Pine Needles Road, Hwy 378, U.S. 76, TV Road/Irby Road, Alligator Road, and SC Highway 51; (3) Charleston County Mark Clark Extension Project ; (4) U.S. 17 Ace Basin Project; (5) Act 98 Projects- I-85/I-385 in Greenville County, I-20 in Lexington County, I-77 Widening in Richland County, I-26/I-126/I-20 in Richland and Lexington Counties, I-85 Widening in Spartanburg and Cherokee Counties, I-26 Widening (US 176 to SC 296) in Spartanburg County, I-20 Widening (GA line to US 25) in Aiken County, and I-26 Widening (SC 27 to US 17 Alternate) in Berkeley County.

Mr. Robert McFee, Director of Engineering for Beaufort County, provided an update on the SC 170 Project. His report is attached to these minutes. Mr. McFee thanked the Board for the funding on the project and stated that the project was complete and open to traffic.

Bank staff member, Tami Reed, gave a report on the Mount Pleasant Project. The project which is located at the intersection of Hungryneck Road and US Highway 17 is nearing completion and final billings are being processed.

Jason Ward, Dorchester County Administrator, provided an update on the Dorchester County Projects. Mr. Ward gave an update of the current projects: Orangeburg Road and Butternut Road, US Highway 78 Improvements, Berlin Myer Parkway, and SC Hwy 165 from Carolinian Drive to Ashley Ridge High School. Mr. Ward also requested the Board consider an additional \$91 million grant for: Bacons Bridge Road (\$4 million), US Hwy 78 Phase 3 (\$22 million), and Orangeburg Loop (\$65 million). His report is attached to these minutes.

City of Charleston's Director of Traffic and Transportation, Hernan Pena, gave an update of the Septima Clark Drainage Project. The project is now in the second phase of construction. Phase III, for which the Bank granted \$88 million, will be ready to go out for bid soon.

Bank Staff member, Tami Reed, gave a report on the City of Aiken projects. The projects include the University Parkway Widening and the Dougherty Road/Whiskey Road Intersection. University Parkway is in the preliminary engineering phase and Dougherty Road/Whiskey Road Intersection is nearing completion of the Right of Way phase.

Financial Plan Update: Mr. David Miller of Public Financial Management, the Bank's financial advisor, gave an update on the financial status and business plan of the Bank and the plans to issue revenue bonds in 2017. He also reported on the possible need to issue separate initial revenue bonds for the Act 98 projects in 2017. Mr. Miller explained the various assumptions on which the Bank's financial and business plan are based. He explained that the Bank separately accounts for Act 98 revenues and expenditures. A copy of the report as presented is attached to these minutes.

Debt Service Budget Resolution: Tami Reed presented the annual Debt Service Budget Resolution explaining that a budget showing the amount available to meet the debt service requirements of the Bank is required by the Master Revenue Bond Resolution to be approved by the Board. Representative Limehouse moved to approve the Resolution which was seconded by Mr. Metcalf. The Resolution was approved unanimously. A copy of the Resolution is on file in the records of the Bank and attached to these minutes.

Resolution Authorizing Execution of IGAs and Other Agreements: Mr. Jim Holly presented a Resolution explaining that due to the change a change in leadership at the Bank a resolution was needed to authorize the Chairman and Vice Chairman, when the Chairman is unavailable, to sign Intergovernmental Agreements and other agreements and documents on behalf of the Board. A copy of the Resolution is on file in the records of the Bank. Mr. Rozier made a motion to approve the Resolution. Mr. Metcalf seconded. The motion passed unanimously.

Ratification of Act 98 Project Agreement: Mr. Holly requested that the Board ratify Vice Chairman Metcalf's signature on the Intergovernmental Agreement between SCDOT and the Bank on the Act 98 I-85 Widening project. Mr. Rozier made the motion to that effect, and Mr. Taylor seconded the motion. The motion passed unanimously

FY2016-17 Budget: The proposed appropriations budget for the fiscal year 2016-2017 was presented by Mrs. Reed. Mr. Rozier made a motion to approve the budget as presented and Mr. Graham seconded the motion. The motion passed unanimously. A copy of the approved budget is included in the official records of the Bank and attached to these minutes.

Berkeley County Request: Berkeley County representative Bill Peagler requested the Board consider the County's request for additional financial assistance as outlined in Article III of the 2012 Intergovernmental Agreement between the Bank and Berkeley County. The relevant provisions allow the Bank to consider providing additional assistance if construction of certain warehouse space near I-26 is completed. The new request includes three components: Widen I-26 (Sheep Island Interchange to Jedburg Road) for \$15 million, Improve Jedburg Road Interchange for \$40.4 million, and Widen I-26 (Jedburg Road Interchange to SC 27 – Exit 287) for \$83.4 million. Senator Leatherman inquired whether any funding provided by the state for an economic development project in the area would be used on these highway projects. The

representative from the County responded they would not.

Jasper County Request: Mr. Marty Sauls representing Jasper County presented a request from Jasper County and the Town of Hardeeville for an additional \$68.3 million dollars for the construction of a phase of the Exit 3 Project on I-95 in Jasper County. Mr. Andy Fulghum, County Administrator, explained the current funding approved in 2012 by the Bank is \$3.9 million for the permitting phase. The proposed changes to the project are the new Exit 3 Interchange on I-95, a bridge over CSX rail line and a new 1.5 mile four lane parkway from Exit 3 north to SC Highway S-27-34. The local match proposed for the project would be a new four mile four lane parkway from Exit 3 south to US Hwy 17 (local match – 1,800 linear feet of parkway and intersection improvements completed October 2014) and a 122 acre Right of Way donation. The local match is estimated to be 43%. The project scope revisions since the first application have reduced the length of the Parkway and reduced the overall estimate to complete the project. A copy of the presentation is attached to these minutes.

Strategic Plan Discussion: Chairman Graham introduced the idea of the Board considering a strategic plan. Senator Leatherman suggested that Mr. Joe Taylor be appointed to head up a committee to address the path forward on such a plan. The Chairman agreed and asked Mr. Taylor's to meet and confer with him and any other Board members as appropriate and report back to the Board in 90 days on the results of the consideration of a strategic plan for the Bank.

Update and Review of Mark Clark Project: Mr. Holly explained the task assigned at the meeting of May 18, 2015, for him, the SCDOT legal staff, and the Charleston County legal staff to renew efforts to find a resolution to the differences between the three entities on changes to the Intergovernmental Agreement on the project and report back to the Board within 120 days. The proposed changes related to changes in the project. Mr. Holly reported that there had been no significant progress made after several meetings, conference calls and communications. Mr. Holly explained that recently SCDOT had produced new cost estimates for the project at the request of Charleston County. The updated costs estimates showed a significant increase in project costs to over \$700 million for a project that started out with an estimate of \$420 million. This development, in his opinion, needs to be addressed before the changes to the Intergovernmental Agreement may be resolved. SCDOT had provided details on the increased cost estimate and three possible proposals, including building the full project or starting construction on it in one of two optional initial phases. Copies of the proposals and information on the estimates from SCDOT are attached to these minutes. Mr. Holly explained there had been several material changes to the scope of the project and two significant increases in estimated costs since 2006. Building the project in phases would be another change. He further explained that the Board to date has only approved building the full scope of the project for \$420 million. He reported that no actions by the Bank had delayed work on the project planning and design which was ongoing or the expenditure of funds on the project requested by SCDOT.

Charleston County Council Chairman Elliot Summey spoke on behalf of the county, discussed what he considered delays, and asked for the project to proceed in some manner agreeable to the three parties. The County wishes for final decisions on proceeding with the project be made as soon as possible.

Representative Limehouse expressed his frustrations concerning the slow progress on the project and the need for the parties to agree on moving forward as quickly as possible. Several Board members expressed concerns on how the new shortfall in funding of \$300 million or more can be addressed. Some members asked the county to consider options to address the shortfall to build the full scope of the project. The Board suggested the staffs of the three parties review and confer on the status of the project and how to proceed and report back to the Board.

Mr. Taylor commented that with all due respect to the congestion Representative Limehouse discussed, Charleston did not have a monopoly on this problem.

Executive Session: No Executive Session was needed.

Other Business: The Chairman asked Mr. Metcalf and the Evaluation Committee to begin an initial review of the additional requests for financial assistance presented at the meeting. No other business was discussed. There being no further business, the meeting was adjourned by acclamation at 5:45 pm.

A handwritten signature in blue ink, appearing to read "James H. Kelly", written over a horizontal line.

Board Secretary

MINUTES
South Carolina Transportation Infrastructure Bank
Board Meeting

SCDOT Headquarters Building
Room 306
955 Park Street
Columbia, SC 29201

May 18, 2015
2:00 p.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: Donald D. Leonard, Chairman, Presiding
Max Metcalf, Vice-Chairman
Ernest Duncan
Senator Hugh K. Leatherman
Representative Chip Limehouse
Jim Rozier
Joe E. Taylor, Jr.

Others present: Debra Rountree and Tami Reed, representing the Bank; Jim Holly, Board Secretary and Bank Counsel; Janet Oakley, SCDOT Secretary; Ron Patton, SCDOT; Christy Hall, SCDOT; and other representatives of SCDOT; members of the public; and media representatives.

The meeting was called to order by Chairman Leonard. Chairman Leonard welcomed guests.

Approve April 20, 2015 Minutes: Mr. Leatherman made a motion, seconded by Mr. Limehouse, to approve the meeting minutes of April 20, 2015, as presented. The motion passed unanimously.

Mr. Holly suggested that the agenda be changed to move the Discussion of the Status of Charleston County Mark Clark Project to before the Executive Session. Chairman Leonard

requested that Ron Patton to come up and discuss other business. Mr. Limehouse made a motion to adjust the agenda accordingly, Mr. Metcalf seconded the motion which passed unanimously.

SCDOT Act 98 Projects Request for Preliminary Design and Engineering: Ron Patton of SCDOT presented an Act 114 prioritized list of Interstate Widening Design Build Project Estimates for preliminary engineering and design for critical projects for consideration by the Board for allocation of the remaining \$6 million of Act 98 funds previously allocated by the Board. Mr. Patton explained that the first two projects (Interstate 26/US 176 to SC 296 Project and Interstate 20/Georgia State Line to US 25 Project) on the list were approved at the last SCTIB meeting on April 20, 2015. During the April Meeting, Mr. Patton was asked to look at savings elsewhere that might help make a third project fit within the \$6 million budget. A copy of SCDOT's project list is attached to these minutes. All such project allocations are subject to review and approval by the Joint Bond Review Committee.

Mr. Patton explained that the staff was proposing using federal funds from the rehabilitation program to cover the costs of the third project on the list, which is the Interstate 26/SC202 to US 176 Project. The staff proposed presenting this option to the SCDOT Commission later in the week at the SCDOT Commission meeting. This would remove project three from the list for SCTIB consideration. The fourth project, I-26 Widening Project in Berkeley and Dorchester Counties, which does fit within the \$6 million budget would then be next in line for consideration. After discussion of the project, Chairman Leonard asked Ron Patton for SCDOT staff's recommendation. Mr. Patton stated that since the first two projects had been approved and that the third project would be done with federal funds that the Board consider funding the fourth project, which is the I-26 Widening Project in Berkeley and Dorchester Counties. Mr. Limehouse made a motion to approve project number four on the list presented by SCDOT for up to \$6 million for preliminary design and engineering. Mr. Rozier seconded the motion. The motion passed unanimously.

Charleston County Project: Charleston County Council Chairman Elliott Summey stated on behalf of Charleston County he would defer to SCDOT to make a presentation on the County's behalf regarding the status of the Mark Clark Expressway project. Ron Patton introduced Jae Mattox of SCDOT who is the Project Manager to give the presentation. Mr. Maddox explained the project could be split into two phases. The cost of Phase I would be within the \$420 million currently in the IGA between the County, the SCTIB, and the SCDOT. Phase I would include the interchange at US 17/I-526 in West Ashley and extend the Mark Clark Expressway to John's Island including Connector Roads A & B, as signalized intersections, on John's Island. This initial phase would also include improvements along River Road and the Maybank Highway. Phase II would then extend from John's Island to James Island. Mr. Mattox explained that the Environmental Impact Statement (EIS) would be for the entire project due to Federal Highway Administration (FHWA) and U.S. Army Corps of Engineers (USACE) requirements.

Chairman Leonard opened the discussion by asking what the proposed total cost would be under the proposed phase plan. Mr. Maddox explained the original \$558 million estimate was still good with up to \$420 for Phase I and up to \$138 million for Phase II. Mr. Holly asked if the Connectors A and B in Phase I were existing roads and what timeframe did SCDOT think until construction could start if there is litigation. Mr. Maddox explained that it could possibly take until 2018 to begin construction on Phase I with Phase II starting some time thereafter if funding becomes available. After further discussion between the Board and Mr. Summey, SCDOT staff,

and SCTIB staff, Mr. Limehouse made a motion to go into Executive Session to discuss matters related to proposed contracts and receive attorney-client privileged legal advice on this project. Mr. Rozier seconded the motion which passed unanimously.

Executive Session: The Board went into Executive Session at 2:47 pm. At 3:35 pm the Board came out of Executive Session with no action taken.

Based on information received during the meeting, Mr. Metcalf made a motion that the SCTIB's legal counsel be directed to meet with SCDOT's and Charleston County's attorneys to prepare a proposal to resolve the contract on the Mark Clark Expressway Project to bring before the Board within 120 days. Mr. Duncan seconded the motion. The motion passed unanimously.

Other Business: Mr. Leonard called for other business. No member of the Board presented any old or new business to the Board. Chairman Leonard announced that he had given the Governor his letter resignation as Chairman of the SCTIB effective upon the Governor announcing his replacement. Senator Leatherman thanked Mr. Leonard for his many years of state service. Representative Limehouse stated that the twelve years under Mr. Leonard Chairmanship were very productive and the success of the SCTIB was due to Mr. Leonard's leadership ability as Chairman, and he would be missed.

There being no further business, the meeting was adjourned at 3:45 pm.

Board Secretary

Board Meeting

Wade Hampton State Office Building
State Treasurer's Office
Room 120
Columbia, SC 29201
Call-in Meeting

June 18, 2015
3:00 p.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 which 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 or facsimile.

Present by Phone: Donald D. Leonard, Chairman, Presiding
Max Metcalf
Joe Taylor
Jim Rozier

By Proxy: Ernest Duncan (by proxy to Chairman)

Absent: Senator Hugh Leatherman
Representative Chip Limehouse

Others attending: Debra Rountree and Tami Reed representing the Bank; Rick Harmon of the Office of State Treasurer; David Miller and Hope Davidson of Public Financial Management, the Bank's Financial Advisor, and attending by phone: Jim Holly, Bank Counsel and Wayne Corley and Bill Youngblood of the McNair Firm, the Bank's Bond Counsel.

The meeting was called to order by Chairman Leonard.

Authorizing Resolution for Refunding Bonds:

David Miller, of Public Financial Management, financial advisor for the Board, reported that the SCTIB and State Treasurer's Office received bids on the SCTIB \$157,095,000 Revenue Refunding Bonds, Series 2015A, that morning. The SCTIB received six bids on the bonds. The low bidder was Wells Fargo at a true interest cost of 2.498%, as was specified in the SCTIB's Notice of Sale. The Series 2015A Bonds were then adjusted to reflect the coupons and yields of the winning bidder. Mr. Miller explained that the adjusted bonds will result in \$20.9 million of net present value interest rate savings for the Bank or 12% of the refunded par amount, which exceeded the estimated savings. Rick Harmon agreed for the State Treasurer's Office.

Bill Youngblood of the McNair Law Firm, P.A., the Bank's Bond Counsel, presented the Seventeenth Series Revenue Bond Resolution to the Board. Mr. Youngblood explained the material portions of the Resolution and updates to it based on the result of the bids received. Mr. Rozier stated: "I move the approval of the recommendation of the financial advisor for the sale of the Series 2015 A Bonds to Wells Fargo Securities and the adoption of a 2015 A Series Resolution reflecting the results of today's bond sale". The motion was seconded by Max Metcalf. The Resolution passed by a unanimous vote with the Chairman casting an affirmative vote for Mr. Duncan based on his proxy. The Resolution is on file in the official records of the SCTIB.

The meeting was adjourned by unanimous consent at 3:08 p.m.

Secretary



South Carolina Department of Transportation

October 2015 Flooding Event





FLOOD SETUP

Saturday-Sunday

COOL

HEAVIEST RAIN

ABOVE-NORMAL WATER TEMPS

SLOW MOVING



JOAQUIN MOISTURE

TROPICAL MOISTURE

JOAQUIN

AccuWeather.com

14:48Z 10/5/2015

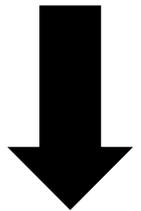
Hurricane Joaquin tropical moisture

+

Non-tropical storm in the South

+

Strong High Pressure to the North



Stalled System



Prep Activities

- ✓ Clear drainage structures.
- ✓ Synch internal efforts.
- ✓ Coordinate externally.
- ✓ Pre-position and adjust.
- ✓ Analyze floodways.
- ✓ Activate pre-established contracts.



RAINFALL TOTALS OCTOBER 1 - 6, 2015

<1" 1-2" 2-3" 3-5" 5-8" 8-12" 12-18" 18-24" 24"+

GREER
6.30"

LITTLE MOUNTAIN
12.85"

COLUMBIA (Downtown)
12.45"

DALZELL
22.78"

COWARD
18.17"

NORTH MYRTLE BEACH
15.59"

SUMTER
19.98"

MONCK'S CORNER
20.87"

KINGSTREE
24.75"

GEORGETOWN
23.88"

SUMMERVILLE
18.78"

CHARLESTON AIRPORT
17.32"

CHARLESTON (Downtown)
16.43"

MOUNT PLEASANT
27.15"

The Weather Channel
weather.com



SCDOT



Caughman Road in Richland Co



Congaree Road in Lower Richland



Dorchester Road near Summerville



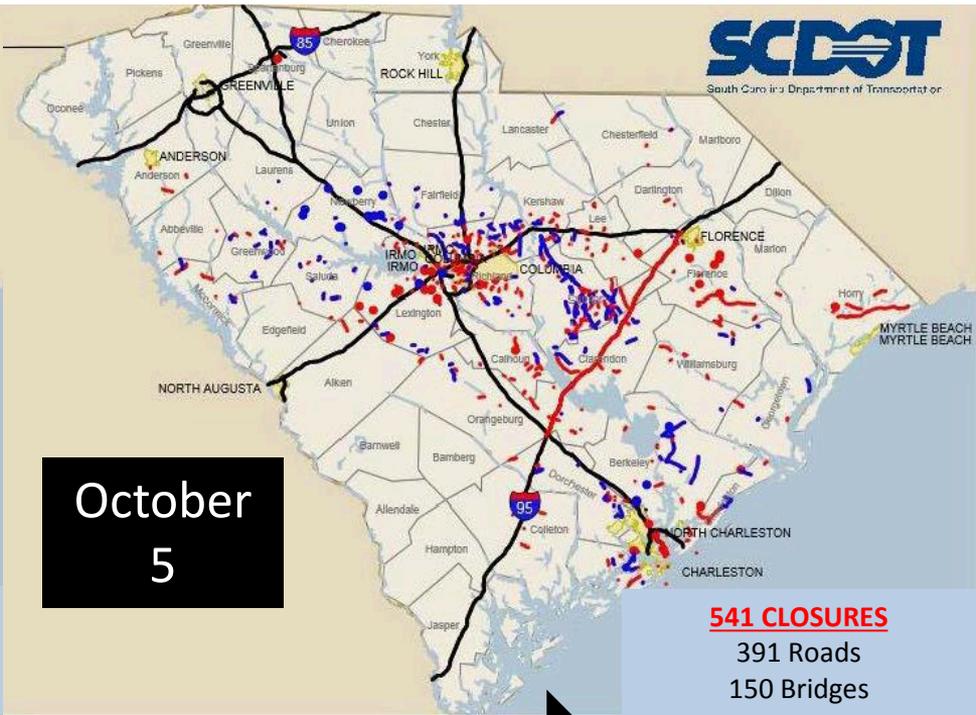
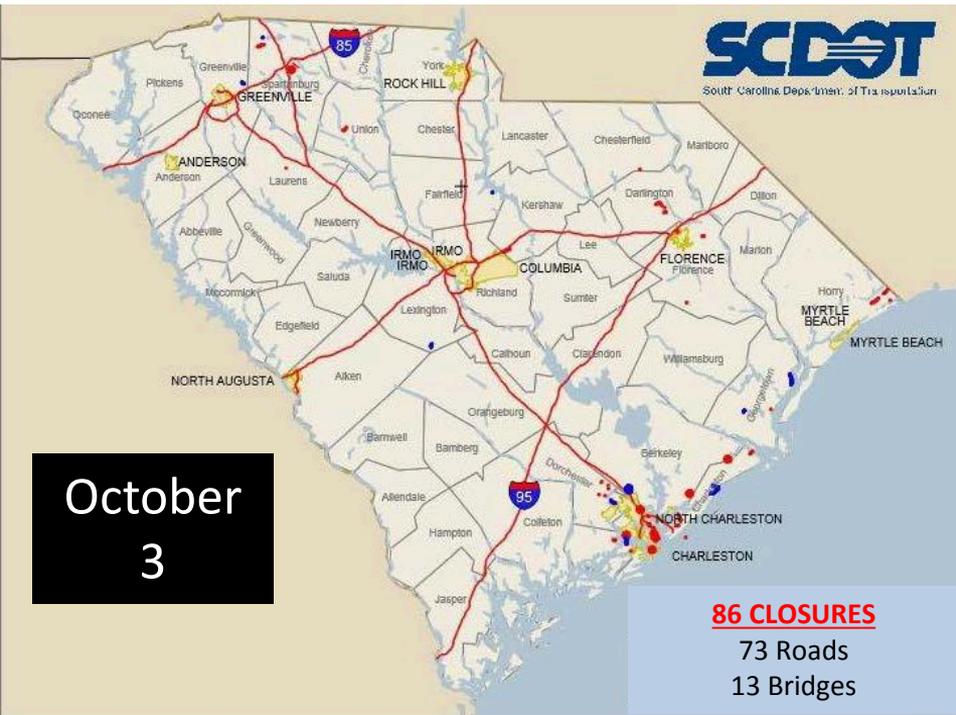
Clarendon County



Response

- Safety is top priority.
- Close roads and bridges as needed.
- Utilize entire maintenance force.
- Mobilize bridge inspectors & engineers.
- Coordinate.
- Assist Counties and Municipalities.
- Communicate often.





48 hours



Recovery Plan

- **Secure, Assess, Prioritize, Remove Debris & Restore.**
- **Develop a work plan and resource it.**
- **Effectively manage FHWA Emergency Relief and FEMA programs.**

Key Strategies

- **Maximize utilization of internal workforce.**
- **Close coordination.**
- **Communicate frequently.**
- **Contain costs & maximize reimbursements.**

SCDOT will participate in 2 Federal Programs



FHWA

Emergency Relief Program

FEMA



FHWA: Emergency Relief Program

- 100% reimbursement for temporary repairs on a portion of the Federal-Aid system for the first 180 days. Reverts to normal split after 180 days.
- Participation levels for permanent repairs follow normal split (80-20 or 90-10).

US 176 Bridge



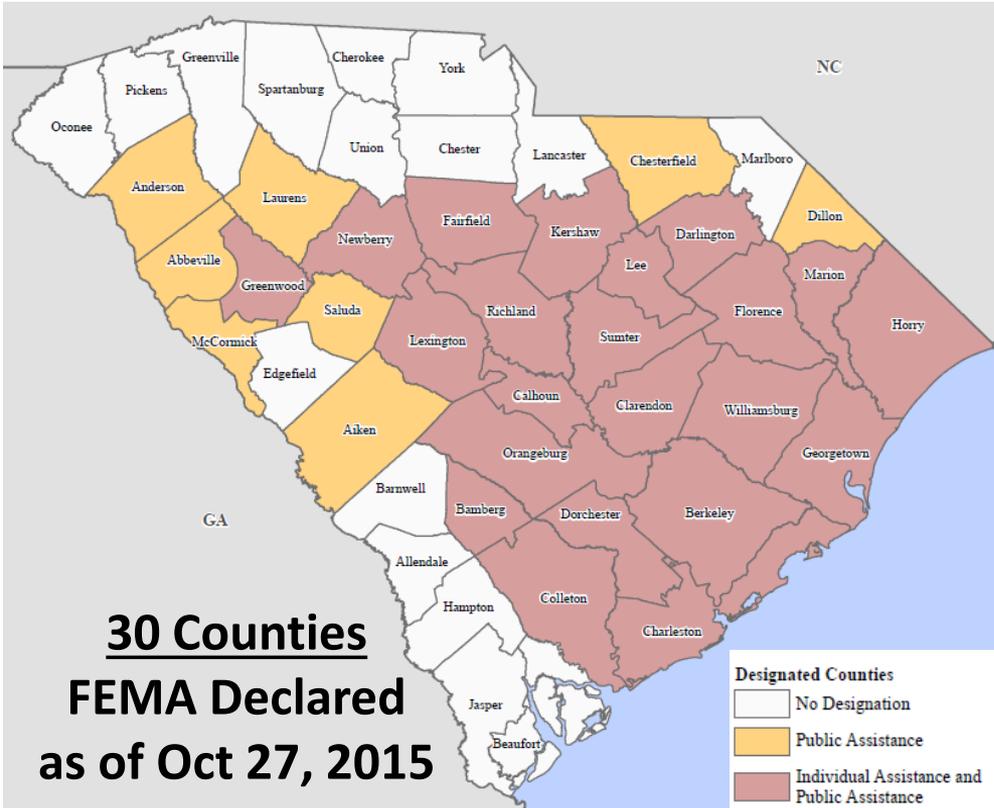
Monticello Road Bridge End Repairs



I-95 Bridge
Foundation Repairs



FEMA: Public Assistance Program



- **Category A: Debris Removal**
- **Category B: Emergency Protective Measures**
(temporary repairs / stabilizing)
- **Category C: Roads & Bridges**
(permanent repair/replacement)



FEMA Cat A: Debris Removal

- All public rights of way are eligible.
- Storm generated debris only.
- Opted into pilot program.
 - 85% reimbursement for first 30 days.
 - 80% 31-90 days
 - 75% 91-180 days
 - >180 days not eligible
- Strict documentation & procurement requirements.



BEFORE



AFTER

FEMA Cat B: Emergency Protective Measures

- Temporary repairs to stabilize infrastructure.
- Must be able to demonstrate that work was required to mitigate threats to public safety.
- 75% reimbursement.
- Not applicable where FHWA Emergency Relief funds are eligible.



FEMA Cat C: Roads & Bridges

- Permanent repairs for damage caused directly by the disaster.
 - Repair if possible.
 - Replace only if beyond repair.
- 75% reimbursement.
- Generally, it is not a betterment program.
- Not applicable where FHWA Emergency Relief funds are eligible.



Shoulder and lane repairs



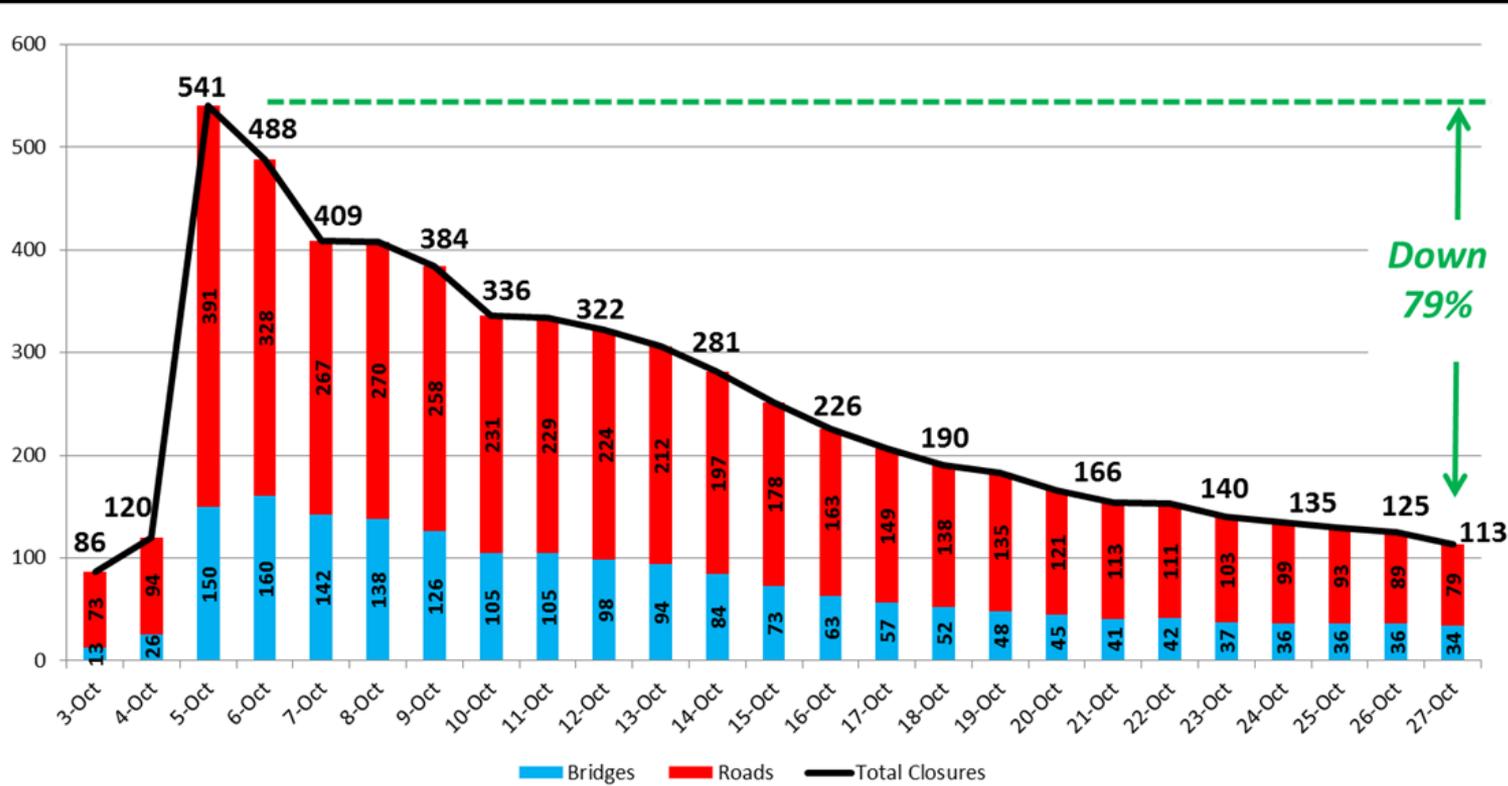
Bridge end washout



Current Status



Recovery Progress: Closure Status (as of Oct 27)



All Interstates are OPEN.

11 Primary Routes remain

CLOSED:

Richland: US 21, US 321, SC 48 & SC 769.

Clarendon: US 15, US 301 & US 521 (partial).

Newberry: US 176.

Florence: SC 51.

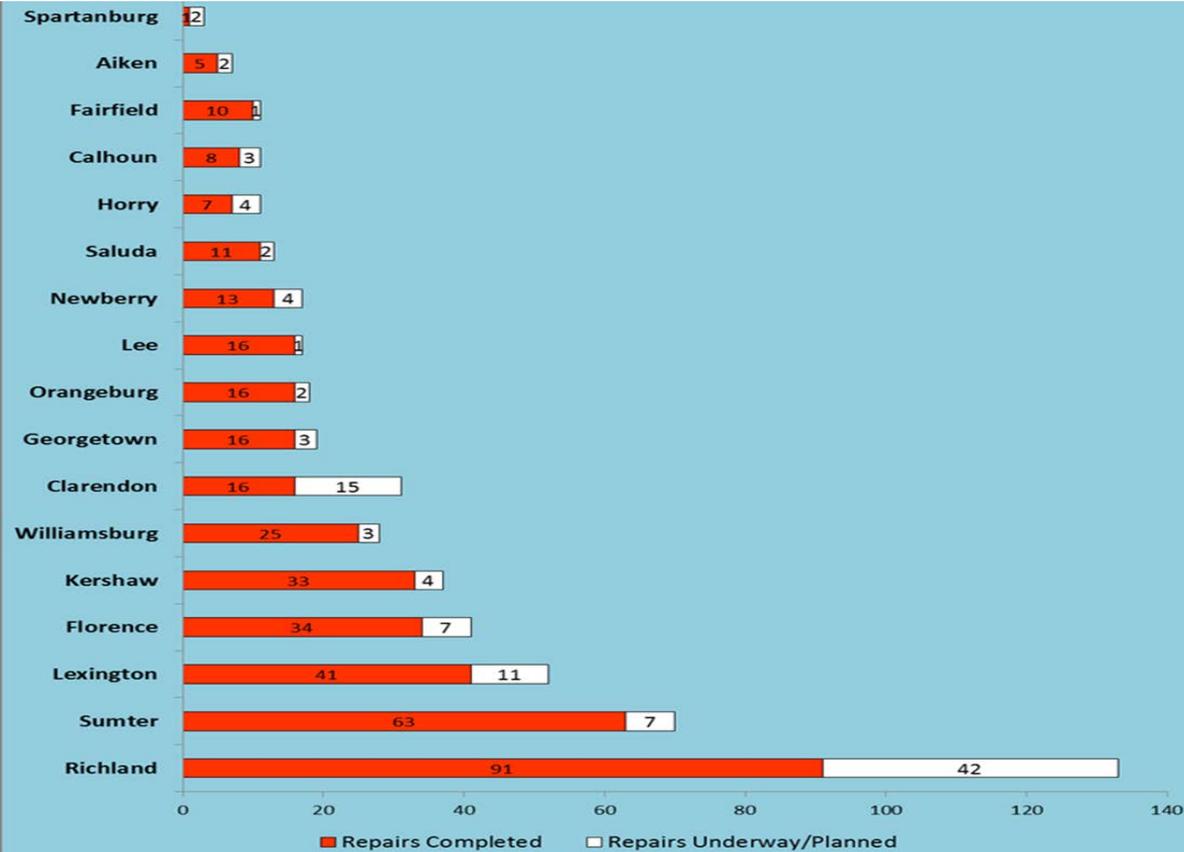
Sumter: US 76 Business (partial).

Williamsburg: SC 512.

Down
79%



Current Status as of Oct 27

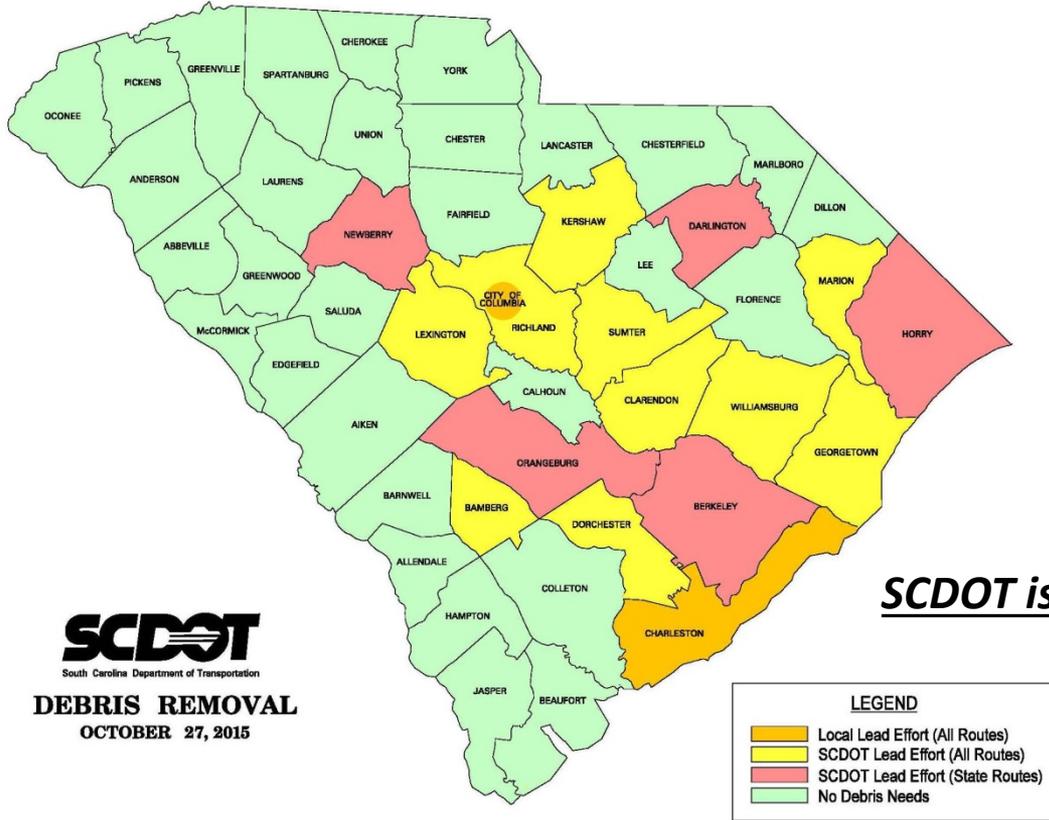


All repairs to the state system have been completed in 13 Counties:

- Abbeville
- Allendale
- Anderson
- Bamberg
- Berkeley
- Charleston
- Colleton
- Darlington
- Dorchester
- Greenwood
- Laurens
- Marion
- and McCormick



Recovery Progress:



SCDOT
South Carolina Department of Transportation
DEBRIS REMOVAL
OCTOBER 27, 2015



871 loads or 42,384 CY
collected as of Oct 27

SCDOT is leading Debris Removal in 10 Counties
and 7 Municipalities



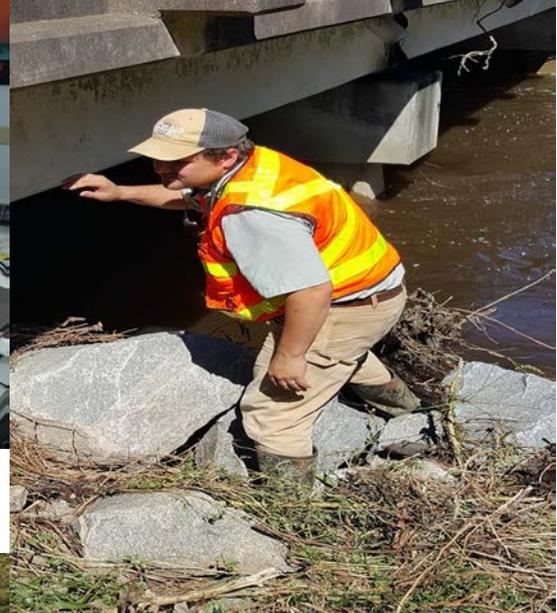
ROAD
WORK



Recovery: What's Next?

- **Continue Assessments.**
- **Review all bridges in the impacted floodways.**
- **Continue repairs with in-house and contract forces.**
- **Fast-track FEMA & FHWA ER bridge replacement projects.**
- **Continue debris removal operations.**
- **Formulate estimated event financial impact.**
- **Aggressively manage all funds to ensure all financial obligations are met.**
- **Strive to continue normal program activities.**





Many Thanks to the Team!



In Memory of Timothy Wayne Gibson



SCDOT mourns the loss of Timothy Wayne Gibson, 45, who died in flood waters on Garners Ferry Road in Columbia on Sunday, October 4 while overseeing emergency work being done at that location.

Mr. Gibson represented hundreds of SCDOT workers who worked around the clock all around the state. He did not hesitate to put his life on the line to protect the public during the flood event and he is a true HERO.



South Carolina Department of Transportation

Questions?



SC 170 Widening – File #7.036938A

Project Description

Widening of SC 170 from SC 46 to US 278 (approx. 4.9 miles). Improvements include multi-use paths, signalization and raised median to preserve trees.

Project Status Substantial Completion on September 2, 2015

Contractor Cleland Site Prep, Inc., of Ridgeland, SC

Contract Amount \$16,692,185

<u>Funding</u>	SCTIB	\$24,900,000
	Beaufort County 1% Sales Tax	\$ 2,000,000
	Southern Beaufort County Road Impact Fees	\$ 1,000,000

Total SCTIB Reimbursement \$20,398,252 Total Payments Received/Requested from SCTIB (Reimbursement Requests 1 thru 9)







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.

SOUTH CAROLINA TRANSPORTATION INFRASTRUCTURE BANK
RESOLUTION

WHEREAS, Section 3.12 of the Master Revenue Bond Resolution ("Section 3.12") of the South Carolina Transportation Infrastructure Bank provides that the Bank Board will adopt an Annual Budget for each Fiscal Year containing a detailed projection of all Pledged Revenues, all principal and interest payments, all scheduled Debt Service Reserve Account deposits, any projected deposits into the Administrative Expense Fund, any projected deposits into the Projects Fund, and any projected deposits into the General Reserve Fund;

WHEREAS, attached hereto and incorporated herein by reference are the projections required by Section 3.12 for the 2015-2016 Fiscal Year of the Bank prepared by the Bank's financial adviser, Public Financial Management, together with the other professionals for the Bank.

NOW, THEREFORE, the Board of Directors of the South Carolina Transportation Infrastructure Bank hereby resolves that:

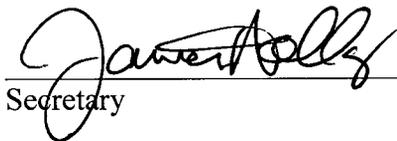
Section 1: The "2015-2016 Annual Budget" consisting of the three (3) pages attached hereto, which is incorporated herein by reference, is hereby adopted and ratified as required by Section 3.12 of the Master Revenue Bond Resolution.

This resolution shall be deemed, and hereby is, effective as of July 1, 2015.

Adopted by the Board at a meeting duly held and conducted October 27, 2015.



Vincent G. Graham, Chairman



Secretary

**SOUTH CAROLINA TRANSPORTATION INFRASTRUCTURE BANK
BOARD OF DIRECTORS**

RESOLUTION

**AUTHORIZING
EXECUTION OF INTERGOVERNMENTAL AGREEMENTS**

[October 27, 2015]

WHEREAS, the Board of Directors (“Board”) of the South Carolina Transportation Infrastructure Bank (“Bank”) considers and approves financial assistance for certain transportation projects pursuant to the South Carolina Transportation Infrastructure Bank Act (“Act”), and the approval of such financial assistance is also subject to review and approval by the Joint Bond Review Committee of the South Carolina General Assembly (“JBRC”);

WHEREAS, the Board of the Bank has certain standard conditions that it applies to all approvals of financial assistance for projects, sometimes applies other conditions to the approvals of specific projects, and incorporates the financial assistance, the aforementioned conditions, and other terms governing the financial assistance and protecting the assets of the Bank into Intergovernmental Agreements and other agreements and instruments with the project applicant and other participants; and

WHEREAS, the Board previously adopted a resolution authorizing the Chairman to execute Intergovernmental Agreements on behalf of the Bank as the means of implementing the financial assistance approved for a project;

WHEREAS, the Board of the Bank now desires to reaffirm its authorization for the Chairman to execute and deliver Intergovernmental Agreements and other agreements and instruments, and amendments thereto, on projects for which it is providing financial assistance and to add additional provisions related thereto.

NOW, THEREFORE, the Board of the Bank hereby resolves that:

Section 1. The Board authorizes the Chairman of the Board of the Bank, upon the advice of Bank Counsel, to execute and deliver Intergovernmental Agreements and related agreements, instruments, and amendments thereto on behalf of the Bank on projects for which financial assistance from the Bank has been approved by the Board and the JBRC. The Intergovernmental Agreements shall be consistent with the Board’s approval; shall include at a minimum the Bank’s standard conditions for financial assistance, any additional conditions approved or included by the Board, and provisions governing the use of the financial assistance and protecting the assets of the Bank; and shall be in a form and with contents acceptable to the Bank. The Chairman may undertake any measures necessary to implement the foregoing authorization. The Chairman’s signature shall be conclusive evidence of the form and content of each such Intergovernmental Agreement or other agreement, instrument or amendment thereto signed by him.

Section 2. In the event of the unavailability of the Chairman or for the convenience of the Chairman, the Vice-Chairman of the Board of the Bank, upon the request of the Chairman and the advice of Bank Counsel, is authorized to execute and deliver Intergovernmental Agreements and other agreements, instruments, and amendments thereto on behalf of the Bank subject to the provisions of Section 1 of this Resolution.

Section 3. This Resolution shall take effect on October 27, 2015, and shall remain in effect until the Board of the Bank repeals it through adoption of a resolution.

Adopted by the Board of Directors on October 27, 2015.



Chairman

Attest:



James M. Holly, Secretary

SCTIB Appropriation Budget
FY2016-17

	Actual FY14-15	FY2015-16 SCTIB Appropriation Budget	Proposed FY2016-17 SCTIB Appropriation Budget
<u>Revenues and Other Sources</u>			
Truck Reg. Fees	\$ 67,539,769	\$ 68,140,110	\$ 69,500,000
DOT Contribution - 1 cent gas tax	27,977,977	26,800,364	29,000,000
DOT Transfer - Conway Bypass	7,600,000	7,600,000	7,600,000
DOT Transfer - Multi-project agmt. Payments	10,000,000	10,000,000	10,000,000
DOT Transfer - Cooper River Bridge	8,000,000	8,000,000	8,000,000
Motor Vehicle Fees	41,224,566	40,656,204	42,500,000
Electric Power Tax	4,241,590	4,162,478	4,400,000
DOT Transfer - Multi-project agreement	2,527,960	3,272,718	4,693,476
Transfer to DOT - Multi-project agreement	(2,527,960)	(3,272,718)	(4,693,476)
Receipt from State Ports Authority	1,000,000	1,000,000	1,000,000
DOT Loan Principal Repayment	1,833,924	1,917,029	2,003,898
DOT Loan Interest Repayment	3,145,826	3,062,723	2,975,853
Interest Earnings	783,507	800,000	800,000
Interest Earnings Act 98 Funds	867,869	400,000	500,000
Receipts from Counties:			
Horry County - Loan I & Loan II Insured	31,800,000	32,600,000	15,000,000
Horry County Uninsured Loan Payment	2,537,960	3,272,718	22,486,991
Charleston County	3,000,000	3,000,000	3,000,000
Florence County	5,827,688	-	-
Berkeley County	546,349	547,006	-
Other Revenues	21,611	-	-
Net Bond Proceeds (to cover exp)	76,506,110	100,000,000	-
Transfer to GO Debt Service	(4,000,000)	(4,000,000)	(4,000,000)
Transfer to Pledged Revenue Acct.	(214,270,653)	(204,130,343)	(190,979,751)
Transfer from Pledged Revenue Acct.	-	175,000,000	160,000,000
Total Revenues & Other Sources	\$ 76,184,094	\$ 278,828,289	\$ 183,786,991

SCTIB Appropriation Budget
FY2016-17

Expenditures and Other Uses

Personal Services

Personal Services	\$ 212,857	\$ 170,000	\$ 225,000
Employer Contributions	61,900	58,000	80,000
	<u>\$ 274,757</u>	<u>\$ 228,000</u>	<u>\$ 305,000</u>

Contractual Services

Telephone	\$ 868		400
Shipping			
Auditing Services	21,193	30,000	30,000
Attorney Fees	66,203	125,000	125,000
Other Professional Services	31,528	44,376	50,000
Interagency Contracts	-	15,000	15,000
Total Contractual Services	<u>\$ 119,792</u>	<u>\$ 214,376</u>	<u>\$ 220,000</u>

Supplies

Office Supplies	\$ 2,206	\$ 1,500	\$ 1,500
Office Equipment & Rental		2,000	2,000
Printing	228	100	200
Total Supplies	<u>\$ 2,434</u>	<u>\$ 3,600</u>	<u>\$ 3,700</u>

Insurance & Fees

Dues & Membership	100	\$ 150	\$ 150
Rent of Parking Spaces	120	150	120
Insurance	6,219	5,000	6,500
Total Insurance & Fees	<u>\$ 6,439</u>	<u>\$ 5,300</u>	<u>\$ 6,770</u>

Travel

	<u>\$ 315</u>	<u>\$ 2,000</u>	<u>\$ 2,000</u>
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Total Administrative Budget

	<u>\$ 403,737</u>	<u>\$ 453,276</u>	<u>\$ 537,470</u>
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Project Payouts

State Highway Account	\$ 9,785,193	\$ 175,000,000	\$ 160,000,000
Bond Proceeds	76,506,110	100,000,000	-
Total Project Payouts	<u>\$ 122,188,360</u>	<u>\$ 355,000,000</u>	<u>\$ 160,000,000</u>

Total Expenditures & Other Uses

	<u>\$ 122,592,097</u>	<u>\$ 355,453,276</u>	<u>\$ 160,537,470</u>
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Revenues less Expenditures

	<u>\$ 3,591,997</u>	<u>\$ (26,624,987)</u>	<u>\$ 23,249,521</u>
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Act 98 Budget

Revenues and Other Sources

DOT Act 98 Transfer	50,000,000	50,000,000	50,000,000
Cash Brought Forward Act 98 Account	51,990,330	66,000,000	66,396,047
	<u>\$ 101,990,330</u>	<u>\$ 116,000,000</u>	<u>\$ 116,396,047</u>

Expenditures and Other Uses

Act 98 Expenditures	35,897,057	80,000,000	110,000,000
Revenues less Expenditures	<u>\$ 66,093,273</u>	<u>\$ 36,000,000</u>	<u>\$ 6,396,047</u>

Mark Clark Completion Project

Cost Estimate with Intersections at Connectors: \$725,000,000
Cost Estimate with Interchanges at Connectors: \$773,000,000



Mark Clark Completion Project Phase 1 Option

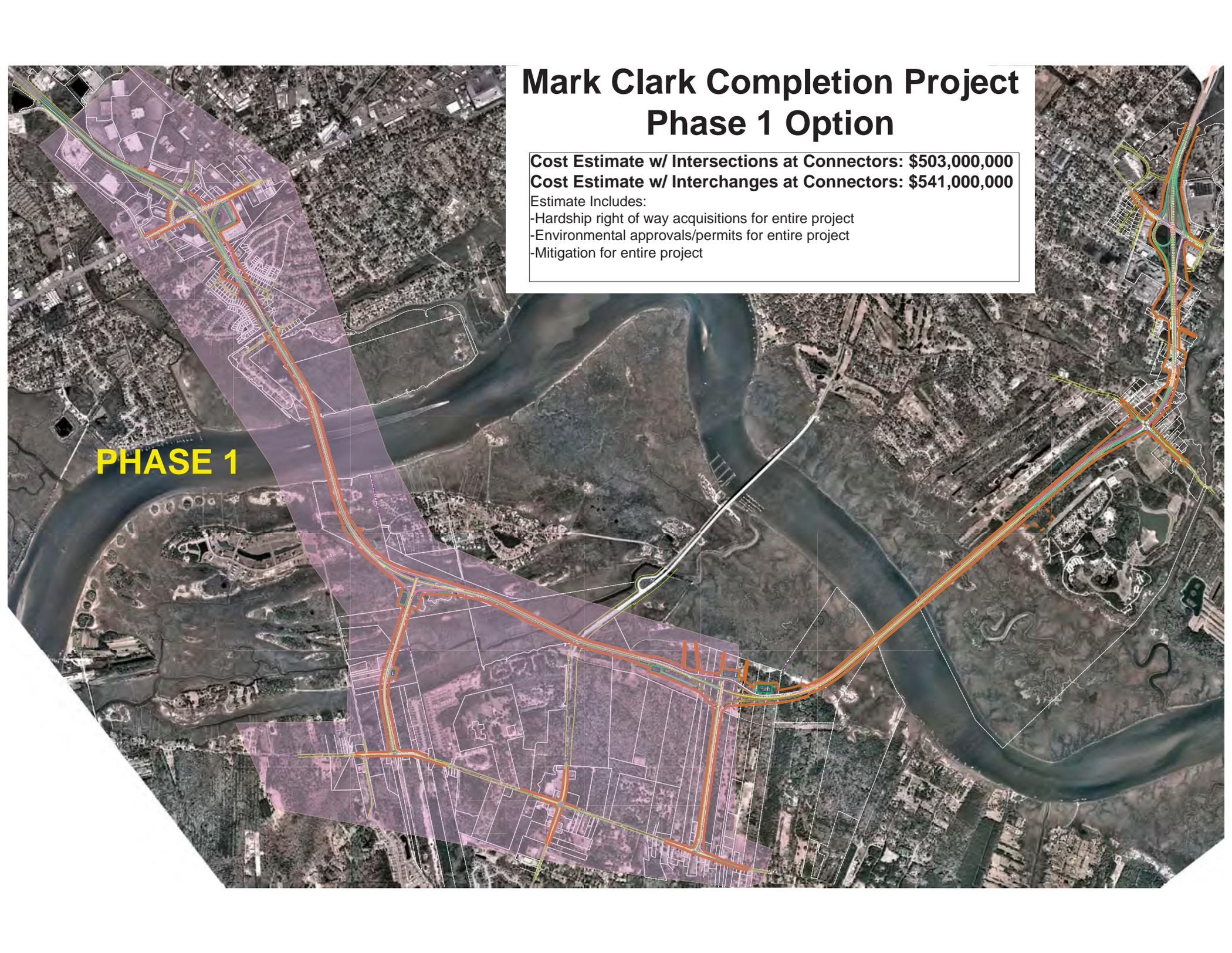
Cost Estimate w/ Intersections at Connectors: \$503,000,000

Cost Estimate w/ Interchanges at Connectors: \$541,000,000

Estimate Includes:

- Hardship right of way acquisitions for entire project
- Environmental approvals/permits for entire project
- Mitigation for entire project

PHASE 1



Mark Clark Completion Project Phase 1A Option

Cost Estimate with Intersection at Connector: \$378,000,000

Cost Estimate with Interchange at Connector: \$388,000,000

Estimate Includes:

- Hardship right of way acquisitions for entire project
- Environmental approvals/permits for entire project
- Mitigation for entire project

PHASE 1A