



## Program Financial Update

# *Berkeley County Transportation Improvement Program*

*2008 and 2014 Sales Tax Program Update  
April 14, 2016*

**Presented by:**

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Berkeley County Engineer**



# *2008 Sales Tax Program Update*



## 2008 Berkeley County Sales Tax Program Overview

- Approved in 2008 for a period of 7 years or until \$206,000,000 collected
- Tax collection began May 1, 2009
- Tax collection ends April 30, 2016
- Project Categories include:
  - Capacity Projects
  - Intersection Improvement Projects
  - Major Resurfacing Projects
  - Paving Projects





## *2008 Capacity Projects*

- **Henry Brown Boulevard Extension – Phase 1 (Red Bank Road to Liberty Hall Road)**  
\$27.2 Million (\$6.6 million Federal funds, \$20.6 million sales tax)  
Project let March 2016 and awarded to L&L Contractors
- **Clements Ferry Road Widening – Phase 1 (I-526 to Jack Primus Road)**  
\$32.6 Million (\$23.1 million federal funds, \$9.4 million sales tax)  
Advance clearing and grubbing contract – April 2016 letting  
Construction Contract -- June 2016 letting
- **College Park Road Widening – (South of S-567 to US 17-A)**  
\$40.7 Million (\$8.5 million federal funds, \$32.2 million sales tax)  
Construction underway and nearing completion Summer 2016
- **Railroad Avenue Extension**  
\$13.5 Million (\$4 million federal, \$9.5 million sales tax)  
SCDOT Met with CSX RR March 2016 and presented revised design for Mabeline Road intersection and extension – awaiting response from CSX on revisions
- **US 17-A Improvements – completed as part of Cypress Gardens to Moncks Corner Section**  
\$5 million in sales tax funds



## *2008 Intersection Improvement Projects*

### **Old Highway 52 @ Cypress Gardens Road**

- Complete

### **Henry Brown Boulevard @ Tanner Ford Boulevard**

- Complete

### **North Highway 17-A @ Highway 41**

- \$381,000
- Complete

### **Murray Boulevard @ Hanahan Road**

- \$800,000
- Complete





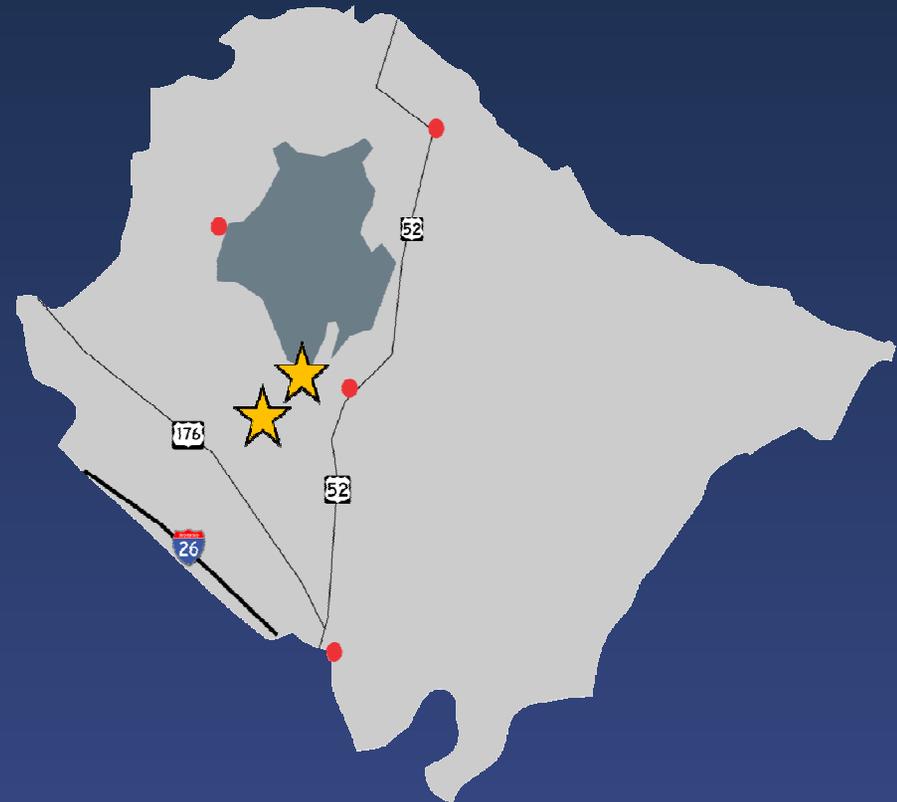
## 2008 Major Resurfacing Projects

### Jedburg Road (US 176 to County Line)

- \$4.9 million
- Complete

### SC 6 (S-5 to SC 311)

- \$4.4 million
- Complete





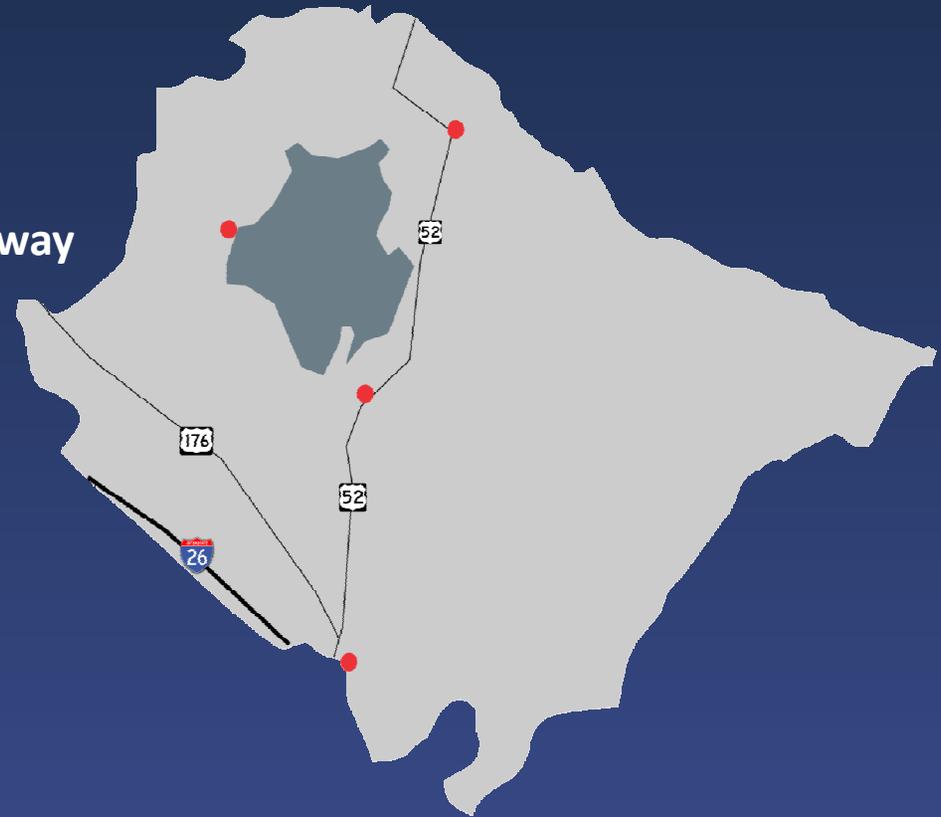
## *2008 Resurfacing Projects*

### **SCDOT Street Resurfacing**

- \$1.8 million spent to date
- 30 roads scheduled for May 2016 letting totaling 17 miles
- Fall 2017 completion

### **County Street Resurfacing**

- \$3.6 million spent to date
- Active construction contract underway
- 55 roads totaling \$3.6 million
- Summer 2016 completion





# State Roads



Cypress Gardens Road
Azalea Street
Camellia Street
Magnolia Street
Cane Gully Road
Unity Road
Belvedere Drive
Miami Street
Steward Street
Clements Ferry Road
Longridge
Albert Storm Avenue
Fairfax Boulevard
Wisteria Street
Lucy Drive
Lake Moultrie Drive
Old Cherry Hill Road
Pinopolis Road
Gants Road
Old Point Road
Bellhaven Circle
Gunston Hall Road
Etling Avenue
Farm Road
Holly Avenue
Wessex Drive
Birch Avenue
Marion Avenue
Mary Scott Drive
Delmont Drive





Steeple Chase Drive	Astor Court
Queens Court	Palm Court
Fox Chase Drive	Morning Glory Court
Planters Boulevard	Lotus Court
Villa Court	Eucalyptus Court
Villa Drive	Ivy Court
Edmonton Circle	James Drive
Single Tree	Bedford Court
Jennie Street	Kershaw Court
Alston Circle	Brown Court
Wakefield Court	Birmingham Drive
Seewee Drive	Coventry Road
Cane Break Lane	Oxford Way
Red Cypress Drive	Ashwood Court
Stratford Drive	Courtland Drive
Windsor Mill Road	Oxford Road
Downing Court	Houston Drive
Edgewood Lane	Elon Drive
Stonehenge Drive	Ohio Way
River Road	Perdue Court
Roma Road	Bowdin Court
Bankton Circle	Wingate Court
Fairlawn Drive	Memphis Court
Lacey Court	Case Court
Lael Court	Poplar Branch Drive
Shamrock Court	Treeline Drive
Fern Court	W. Poplar Branch Dr.
Jasimine Court	E. Poplar Branch Dr.
Photinia Court	Rice Planters Court
Wisteria Court	Devon Blvd
Bell Tree Court	S. Cranford Road
Marina Drive	York Drive
Dominion Drive	Fernleaf Street
Purple Martin Lane	Hoover Court
Wisteria Street	Bridgetown Road
Stratford Drive	Pine Ridge Circle
Dogwood Hill Drive	



## *2008 Paving Projects*

- **29 County Dirt/Gravel Roads**
  - 19 complete
  - 10 underway – Right of Way acquisition/Property owner coordination (9)  
and RR coordination (1)





# 2008 Program Financial Overview

## 2008 Sales Tax Program

Total Funds Collected and Projected through April 2016	\$173,924,453
2008 Expenditures to Date (February 2016)	\$115,036,574
Remaining 2008 Budget Needs	\$28,893,491
2008 Total Anticipated Program Expenditures	\$143,930,065
<b><u>*Funding surplus to date</u></b>	<b><u>\$29,994,388</u></b>

\* Funding surplus will be recalculated once Clements Ferry Road Phase 1 is let to contract and actual construction contract values known.



# *2014 Sales Tax Program Update*



## *2014 Program Overview*

### 2014 Berkeley County Sales Tax Program Overview

- Approved in 2014 for a period of 7 years or until \$230,000,000 collected
- Tax collection begins May 1, 2016
- Project Categories include:
  - 2008 Program Carry Over Projects
  - Capacity Projects
  - Intersection Improvement Projects
  - Major Resurfacing Projects
  - Paving Projects

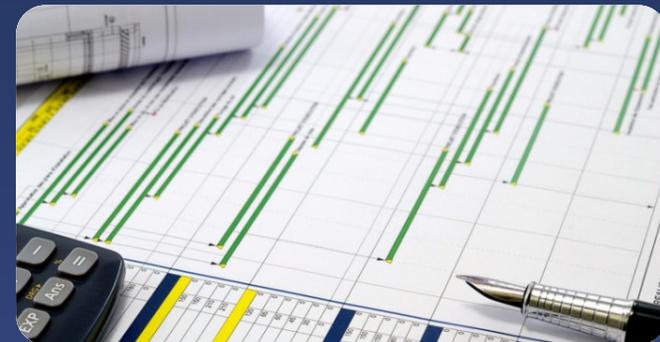




# 2014 Program Status Update

## Status Of Program Development

- Completed Traffic Analysis
- Prepared Conceptual Designs
- Evaluated Constraints & Impacts
  - Environmental
  - Utility
  - Cultural
  - Haz-Mat
  - Right of Way
- Developed Cost Estimates & Project Schedules
- Completed Draft Financial Plan & Cash Flow Forecast
- Negotiated scopes and fees for design





## 2008 Carryover Projects

### Clements Ferry Road Widening Phase 2 (Jack Primus Road to SC 41)

- \$43.2 million
- 4.5 miles

### Henry Brown Boulevard Widening Phase 2 (Liberty Hall Road to Old Mt. Holly Road / US 52)

- \$30.1 million
- 4 miles

### Railroad Avenue Extension Phase 2 (Extension to Eagle Landing Boulevard)

- \$13.5 million
- 1 mile





## 2014 Capacity Projects

### Sheep Island Parkway/I-26 Interchange and I-26 Widening Project

- \$88 million total project cost – up to \$36 million in 2014 funds
- Notice to Proceed issued March 14, 2016
- Ground breaking March 21, 2016
- Contract completion date (under review) May 2018

### Jedburg Road/I-26 Interchange (Right of way acquisition only)

- \$3 million to complete right of way
- Apply to State Infrastructure Bank for \$40.3 million

### I-26 Widening (Jedburg Road to Four Hole Swamp)

- Apply to State Infrastructure Bank (SIB) for \$84 million

### Nexton Parkway @ Cane Bay (Cane Bay Boulevard to US 176)

- \$3.9 million

### Nexton Parkway @ School

- \$2.4 million

### US 176 Widening (US 17A to Center Line Road)

- \$14.8 million – Preliminary Engineering and Right of Way Acquisition – Design contract pending

### US 52/ US 176 Interchange – Goose Creek

- \$5.3 million – Preliminary Engineering





## *2014 Intersection Improvement Projects*

### **Daniel Island Drive at Seven Farms Road**

- \$2.5 million
- Design underway for Roundabout– Evaluating Roundabout and turn lane options
- Public meeting Spring 2016

### **Murray Drive at Yeamans Hall Road**

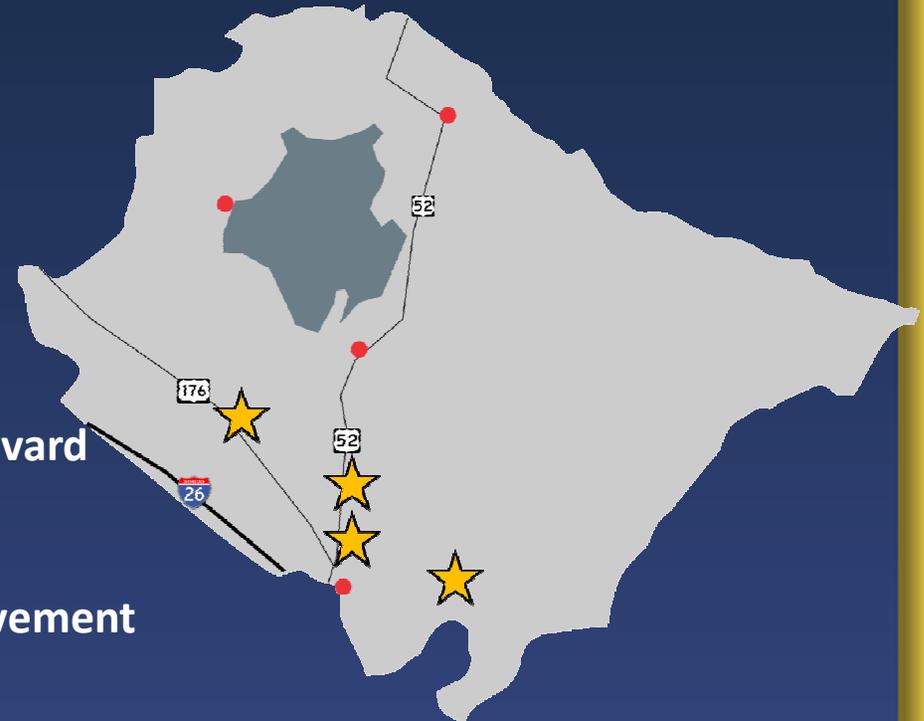
- \$330,661
- Design Underway
- Will evaluate turn lane extension

### **Foster Creek Road at Tanner Ford Boulevard**

- \$1.8 million
- Design contract pending
- Will evaluate improved through movement

### **Royle Road at Sangaree Parkway**

- \$2.3 million
- Design Underway to Construct a Roundabout
- Will evaluate roundabout and pedestrian overpass options





## 2014 Major Resurfacing Projects

Old Highway 52 (0.2 miles east of US 52 to US 52 in Strawberry) – 9 miles

- \$4.7 million (2016)

SC 45 (Edgewater Road to Pineville) – 6 miles

- \$4.7 million (2016)

SC 6 (Pinopolis Road to CSX RR) – 1.6 miles

- \$1 million (2016)

SC 402 (Turnaround Court to Alligator Road) – 7 miles

- \$4.8 million (2017)

Black Tom Road (US 176 to Black Tom Extension) – 4 miles

- \$2.2 million (2017)

Dr. Evans Road (Hardpinch Road to end) – 5 miles

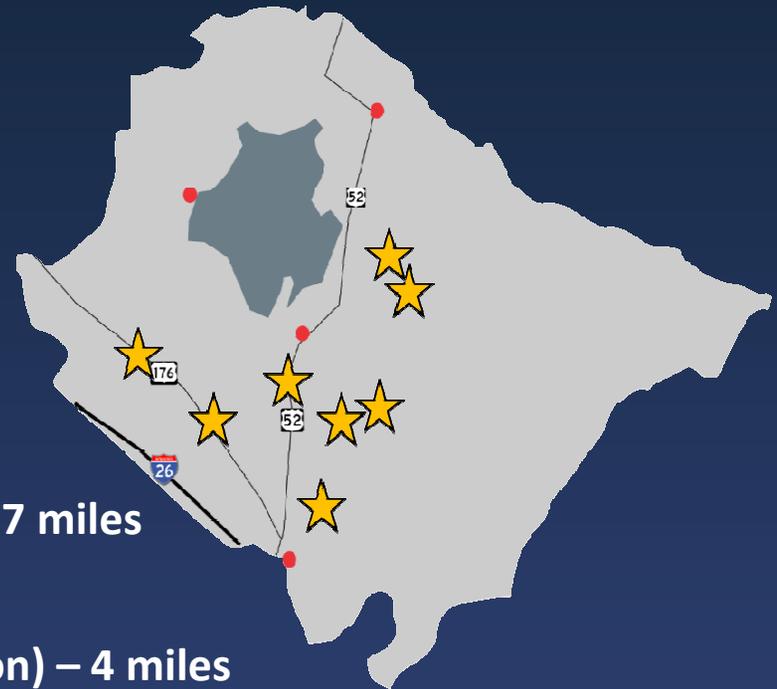
- \$3.0 million (2017)

Mudville Road (US 176 to Ranger Drive) – 7 miles

- \$1.5 million (2017)

Hoodtown Road (US 17 Alt. to Schurlknight Road) – 4 miles

- \$1.9 million (2018)





## *2014 Local Paving Projects*

- 59 County Dirt/Gravel Roads totaling 19 miles
- Roads packaged into 4 groups for construction in 2017, 2019, 2021, and 2023
- Total estimated cost \$19.4 million



# Financial Plan and Cash flow Forecast

## Berkeley County Transportation Improvement Plan -- 1/12/2016

	Total Cost with Inflation	2016	2017	2018	2019	2020	2021	2022	2023
<b>2008 Carryover Projects</b>									
Clements Ferry Road Widening Phase 2	\$ 43,225,646	\$ 923,333	\$ 923,333	\$ 2,198,391	\$ 3,658,462	\$ 6,970,001	\$ 11,246,964	\$ 14,010,293	\$ 3,294,869
** Henry Brown Boulevard Extension Phase 2	\$ 30,137,641	\$ 1,525,875	\$ 1,225,875	\$ 2,873,996	\$ 3,971,825	\$ 6,683,428	\$ 9,401,664	\$ 4,454,978	\$ -
*** RR Avenue Extension Phase 2	\$ 13,545,405	\$ -	\$ -	\$ -	\$ 3,147,054	\$ 5,807,625	\$ 4,590,725	\$ -	\$ -
<b>2008 Carryover Projects Total</b>	<b>\$ 86,908,691</b>	<b>\$ 2,449,208</b>	<b>\$ 2,149,208</b>	<b>\$ 5,072,387</b>	<b>\$ 10,777,340</b>	<b>\$ 19,461,054</b>	<b>\$ 25,239,354</b>	<b>\$ 18,465,271</b>	<b>\$ 3,294,869</b>
<b>2014 Capacity Projects</b>									
* Sheep Island Parkway/I-26 Interchange and I-26 Widening	\$ 52,311,093	\$ 29,724,330	\$ 22,185,138	\$ 80,325	\$ 80,325	\$ 80,325	\$ 160,650	\$ -	\$ -
**** Jedburg Road/I-26 Interchange (R/W Only)	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***** I-26 Widening (Jedburg Road to Four Hole Swamp)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nexton Parkway at Cane Bay	\$ 3,930,714	\$ 146,250	\$ 3,784,464	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nexton Parkway at School	\$ 2,270,326	\$ -	\$ 2,270,326	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sheep Island Parkway South -- Funded by Summerville	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
US 176 Widening Phase 1 (US 17A to Cooper Store Road) PE and RW Only	\$ 9,313,721	\$ 782,724	\$ 782,724	\$ 2,980,745	\$ 4,767,528	\$ -	\$ -	\$ -	\$ -
US 176 Widening Phase 2 (Cooper Store Road to Center Line Road) PE and RW Only	\$ 5,552,808	\$ 686,667	\$ 686,667	\$ 1,862,294	\$ 2,317,181	\$ -	\$ -	\$ -	\$ -
US 52/US 176 Interchange -- PE	\$ 5,321,065	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 1,536,320	\$ 1,536,320	\$ 1,408,293	\$ 640,133
<b>2014 Capacity Projects Total</b>	<b>\$ 81,699,727</b>	<b>\$ 34,439,971</b>	<b>\$ 29,809,319</b>	<b>\$ 4,923,363</b>	<b>\$ 7,165,034</b>	<b>\$ 1,616,645</b>	<b>\$ 1,696,970</b>	<b>\$ 1,408,293</b>	<b>\$ 640,133</b>
<b>INTERSECTION IMPROVEMENT PROJECTS</b>									
Daniel Island Drive @ Seven Farms Road	\$ 2,678,840	\$ 166,667	\$ 2,512,174	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Murray Drive @ Yeamans Hall Road	\$ 330,661	\$ 64,375	\$ 266,286	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Foster Creek Road @ Tanners Ford Boulevard	\$ 1,783,330	\$ 236,900	\$ 739,679	\$ 806,751	\$ -	\$ -	\$ -	\$ -	\$ -
Royle Road @ Sangaree Parkway	\$ 2,311,586	\$ 206,000	\$ 544,352	\$ 1,561,234	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTERSECTION IMPROVEMENT PROJECTS TOTAL</b>	<b>\$ 7,104,417</b>	<b>\$ 673,942</b>	<b>\$ 4,062,491</b>	<b>\$ 2,367,984</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>MAJOR RESURFACING PROJECTS</b>									
S-791 Old Highway 52	\$ 4,650,000	\$ 4,650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SC 45	\$ 4,655,230	\$ 4,655,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SC 6	\$ 1,026,213	\$ 1,026,213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SC 402	\$ 4,831,524	\$ -	\$ 4,831,524	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
S-467 Black Tom Road	\$ 2,177,957	\$ -	\$ 2,177,957	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
S-180 Hoodtown Road	\$ 1,895,956	\$ -	\$ -	\$ 1,895,956	\$ -	\$ -	\$ -	\$ -	\$ -
S-44 Dr. Evans Road	\$ 2,998,143	\$ -	\$ 2,998,143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
S-135 Mudville Road	\$ 1,476,468	\$ -	\$ 1,476,468	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>MAJOR RESURFACING PROJECTS TOTAL</b>	<b>\$ 23,711,489</b>	<b>\$ 10,331,443</b>	<b>\$ 11,484,091</b>	<b>\$ 1,895,956</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>LOCAL PAVING PROJECTS (Dirt Road Paving)</b>									
2017 Package	\$ 6,068,342	\$ 500,000	\$ 5,568,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019 Package	\$ 6,407,454	\$ -	\$ -	\$ 500,000	\$ 5,907,454	\$ -	\$ -	\$ -	\$ -
2021 Package	\$ 3,453,635	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,153,635	\$ -	\$ -
2023 Package	\$ 3,645,692	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,345,692
<b>LOCAL PAVING PROJECTS TOTAL</b>	<b>\$ 19,575,122</b>	<b>\$ 500,000</b>	<b>\$ 5,568,342</b>	<b>\$ 500,000</b>	<b>\$ 5,907,454</b>	<b>\$ 300,000</b>	<b>\$ 3,153,635</b>	<b>\$ 300,000</b>	<b>\$ 3,345,692</b>
<b>2014 PROJECT TOTAL</b>	<b>\$ 132,090,756</b>	<b>\$ 45,945,355</b>	<b>\$ 50,924,242</b>	<b>\$ 9,687,303</b>	<b>\$ 13,072,488</b>	<b>\$ 1,916,645</b>	<b>\$ 4,850,605</b>	<b>\$ 1,708,293</b>	<b>\$ 3,985,825</b>
<b>Total Projected Cash Needs</b>	<b>\$ 218,999,447</b>	<b>\$ 48,394,564</b>	<b>\$ 53,073,450</b>	<b>\$ 14,759,690</b>	<b>\$ 23,849,828</b>	<b>\$ 21,377,698</b>	<b>\$ 30,089,959</b>	<b>\$ 20,173,564</b>	<b>\$ 7,280,694</b>
* Sheep Island Parkway/I-26 Interchange and I-26 widening -- \$52.3 million illustrated will be reduced to \$23 million should \$15 million SIB commitment be realized and when \$4 million from Summerville and \$10.5 million multicounty busine									
** RR Avenue Extension Phase 2 -- Project proceeding forward to construction is dependent on favorable decision from US Army Corps. Of Engineers of permit application to be submitted June 2016									
*** Henry Brown Boulevard Extension Phase 2 -- includes \$300,000 for advance wetlands mitigation purchase									
**** Jedburg Road/I-26 Interchange total estimated cost \$40.3 million									
***** I-26 Widening (Jedburg Road to Four Hole Swamp) -- total estimated cost \$84.0 million									
\$82 million needed for construction for US 176 Widening Phase 1 and 2 -- future CHATS Project									
\$79 million needed for construction of US 52/US 176 Interchange -- future CHATS Project									



Questions?