

ULI SOUTH CAROLINA
SINK OR SWIM: INFRASTRUCTURE
2009 – A PIVOT POINT

American Recovery and Reinvestment Act of 2009

May 12, 2009

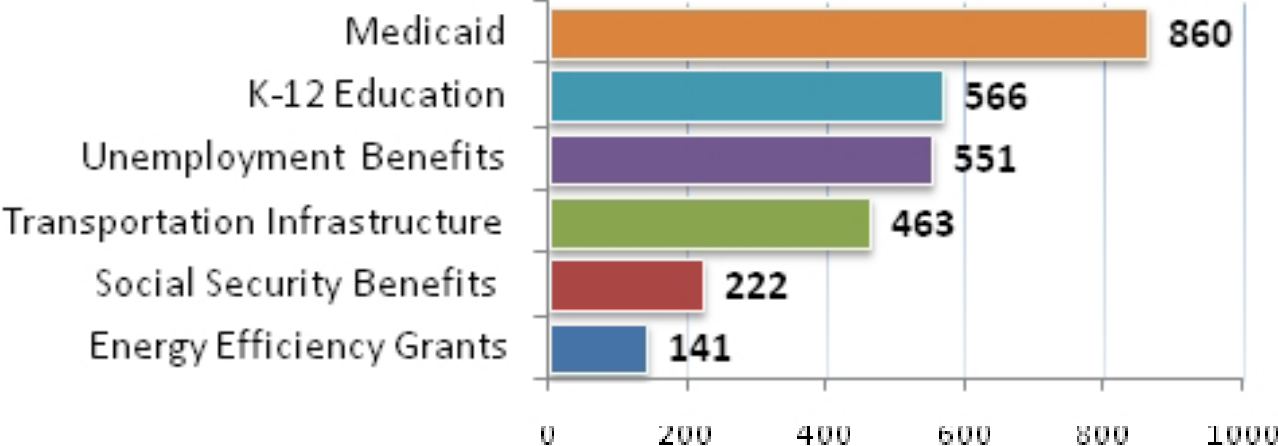
American Recovery and Reinvestment Act of 2009

- Total Estimated Cost of \$787.2 Billion
 - 575.4 Billion in Appropriations and Mandatory Spending
 - \$211.8 Billion in Net Tax Relief through FY2019

SC Stimulus Funds



Expected South Carolina Funds (in Millions)



Overview of Final Legislation



- ▣ \$27.5 Billion for Highways
- ▣ \$8.4 Billion for Transit
- ▣ \$1.5 Billion for Discretionary Program
- ▣ \$9.3 Billion for Rail
- ▣ \$1.3 Billion for Aviation
- ▣ \$0.12 Billion Misc. Other Transportation
- ▣ \$48.12 Billion TOTAL for TRANSPORTATION

Overview – For Highways



- ❑ One-half of the funds have to be obligated within 120-days of fund apportionments to the States on ready to go projects
- ❑ All of the funds have to be obligated within 1 year
- ❑ No waivers of Federal Requirements (planning or otherwise)
- ❑ States have to certify maintenance of effort

Overview – For Transit



- ❑ \$100 million off top for energy grants
- ❑ Capital expenses only are eligible
- ❑ No waiver of Federal Reqs (planning/NEPA)
- ❑ States have to submit a list of projects
- ❑ Governor must certify States maintenance of effort

Overview – For Transit

- \$750 million for fixed guideway infrastructure investment
- \$750 million for capital investment grants:
- Federal share same as under 5309(h)- 80% fed/20% local
- Up to \$1.5 billion in additional commitment authority

Overview



- Planning Requirements Still Hold
- Projects must be in a STIP/TIP and a metropolitan transportation plan.
- Funds not obligated on required time frames will be taken back and reallocated to other states.

Appropriations for Highways - \$27.5B

Less: FHWA Administration and Oversight Expense - \$40M

Less Federal Lands Highway Program - \$550M

**Indian
Reservation Roads
Program
\$310M**

**Park Roads and
Parkways Program
\$170M**

**Forest Highway
Program
\$60M**

**Refuge Roads
Program
\$10M**

Less: Puerto Rico and Territorial Programs

**Puerto Rico Highway Program
\$150M**

**Territorial Highway Program
\$45M**

Less:

**On the Job Training and Support Services -
\$20M**

**DBE Bonding Assistance
\$20M**

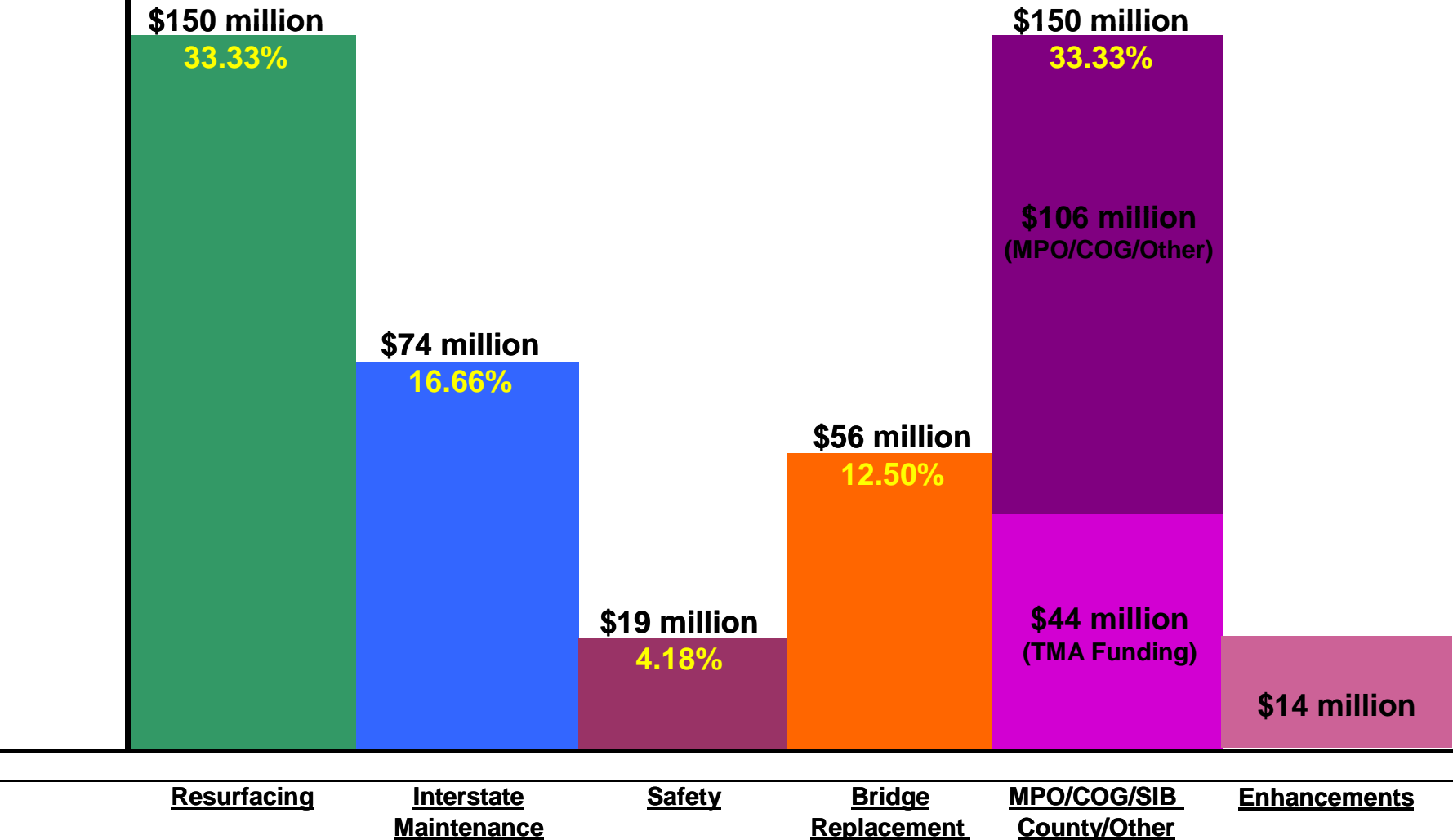
Less: Ferry Boat and Ferry Terminal Facilities Program - \$60M

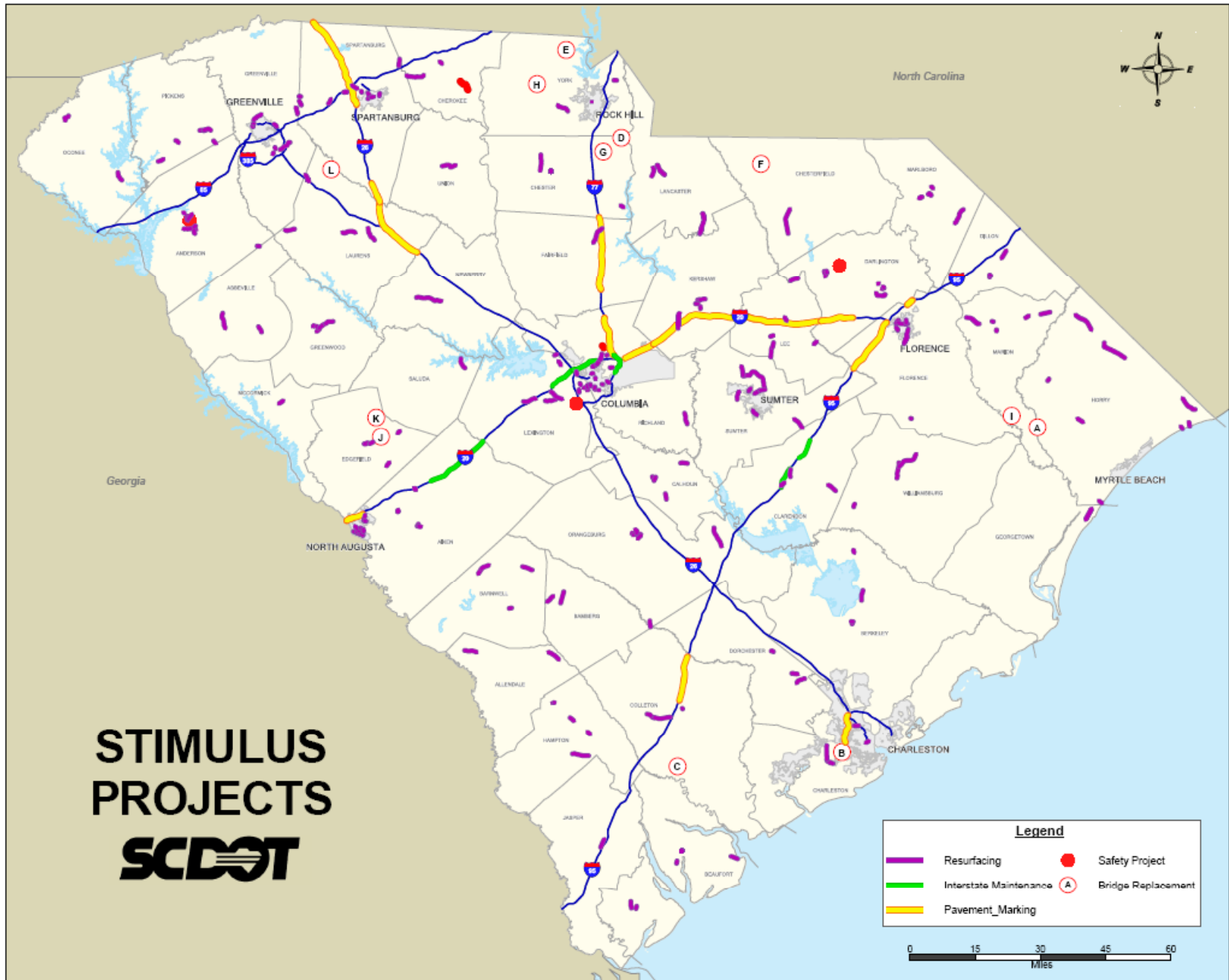
Proposed Transportation Stimulus Program

Distribution for South Carolina

\$463 Million

\$14 Million Enhancements / Remaining \$449 Million by Previous Percentage Distribution





South Carolina Economic Stimulus Package Projects

Route	Congressional District	County	MPO/COG Location	Program	Description	Obl. From NTP (Days)
US 17/Mineola Avenue	1	Horry	Waccamaw COG/GSATS	MPO/COG	Intersection Improvement	120
SC 802	2	Beaufort	Lowcountry COG	Local *	Intersection Improvement	120
SC 802	2	Beaufort	Lowcountry COG	Local *	Widening from SC 170 to Paris Island Gateway and Ribault Road to US 21	120
SC 802 New Bridge over the Intercoastal Waterway	2	Beaufort	Lowcountry COG	Local *	New Bridge	120
SC-48 Bluffton Road	2	Beaufort	Lowcountry COG	Local *	Widening from US 278 to Bluffton Village	120
S-474	2	Beaufort	Lowcountry COG	Local *	Widen from (Stimmonsville Road) from US-278 to Bluffton Parkway	120
SC 153	3	Anderson	ANATS	MPO/COG	Widen to 3 lanes from I-85 to I-185	120
US-76/178 East West Connector	3	Anderson	ANATS	MPO/COG	Construct 2 lane road with limited access	120
SC-39/SC-702	3	Saluda	Upper Savannah COG	CTC *	Intersection Improvement	120
US 17/Front Street	6	Georgetown	Waccamaw COG/GSATS	MPO/COG	Intersection Improvement	120
US-25 White Horse Road	4	Greenville	GPATS	App Dev.	Widening from Saluda Dam Road to S-199	120
I-77 Anderson Road Interchange in York County	5	York	RFATS	MPO/COG/other	Intersection Impr. widen bridge along US-21 Anderson Rd over I-77 Exit 77	120
Steed Creek Road - Phase II	6	Berkeley	BCD COG	Federal Lands	Widen & Bridge Replacement	120
US-17 ACE Basin North of Combahee River to SC-64 in Jacksonboro	6	Colleton	Lowcountry COG	SIB *	Improve 22 mile segment of US-17. 7.5 mile is currently under construction	120
US-17	6	Georgetown	Waccamaw COG/GSATS	Local	Drainage improvement Highmarket District include pumps pipes detention pond	120
SC 31 - contract 1	1	Horry	GSATS	SIB *	New construction (clearing, grubbing and grading) from SC 544 to Peach Tree Road	360
US 17A	6	Berkeley	BCD COG	MPO/COG	Widening from S-9 to Monks Corner	360
SC 31 - contract 2	1	Horry	GSATS	SIB *	New construction from SC 544 to SC 707	360
US 17/Southbound	1	Horry	GSATS	MPO/COG	Widen from SC 9 interchange to 2nd Avenue North	360
SC 22 Upgrade to Interstate standards for I-73	1	Horry	GSATS	MPO/COG/other	Shoulder Improvements	360
US 17	6	Charleston	CHATS	Local/Fed Earmark	Widen from Isle of Palm Connector to S-1814 (Liben Road)	360
SC 84	2	Barnwell	Lower Savannah COG	MPO/COG/other	Intersection Improvement on SC 84 @ S-224	360
I-26 Airport Connector (John Hardee Phase II)	2	Lexington	COATS	MPO/COG/other	New construction	360
Highway 602 Extension (Platt Springs Road)	2	Lexington	COATS	MPO/COG	Widening from SC 8 to S-103	360
Stagecoach Road Phase II	3	Laurens	Upper Savannah COG	MPO/COG	New Construction	360
SC 133	3	Pickens	Appalachian COG	MPO/COG/other	Intersection Improvement/Bridge Replacement	360
US 78	3	Aiken	Lower Savannah COG	MPO/COG	Widening from S-1669 (Old Tory Trail) Mont Morencio to S-54 (Mont Beulah Road) Windsor	360
Dougherty Rd./Silver Bluff Road	3	Aiken	ARTS	MPO/COG	Intersection Improvement	360
Sheep Farm Road	3	Oconee	Appalachian COG	MPO/COG	Widening from US 76/123 to Bounty Land Road and new location	360
US 17/Waverly Road	6	Georgetown	Waccamaw COG	MPO/COG	Intersection Improvement	360
Wildcat Road, Union County	4	Union	Catawba COG	MPO/COG	Intersection improvement at S-261 (Wildcat Road) and SC 49	360
SC 9 (Phase 1)	4	Spartanburg	SPATS	MPO/COG	SC-9/SC-292 Intersection Improvement	360
Spartanburg CBD Signals	4	Spartanburg	SPATS	MPO/COG	13 intersection signals	360
Pine St. Signals	4	Spartanburg	SPATS	MPO/COG	7 intersection signals	360
US 29 Signals	4	Spartanburg	SPATS	MPO/COG	6 intersection signals	360
I-26 @ SC 202	5	Fairfield	Central Midlands COG	MPO/COG/other	Interchange	360
SC391/S-41	5	Newberry	Central Midlands COG	MPO/COG	Intersection Improvements	360
Alice Drive	5	Sumter	SUATS	MPO/COG	Widening from Wise Drive to US 521	360
Highway 5 Bypass	5	York	Catawba COG	Sales Tax *	Widening from Hwy 5 west to Hwy 161	360
Highway 51	5	York	Catawba COG	MPO/COG/other	Widening from US 21 to North Carolina line	360
Cherry Road	5	York	Catawba COG	Sales Tax *	Widening from York Avenue to Heckle Boulevard	360
Highway 72 (Albright Road)	5	York	Catawba COG	Sales Tax *	Widening from Black Street to Heckle Boulevard	360
Mt. Gallant Road	5	York	Catawba COG	Sales Tax *	Widening from Anderson Road to Celanese Road	360
I-95/SC 327	5	Florence	FLATS	MPO/COG/other	Interchange	360
Phase III Berlin Myers Parkway	6	Dorchester	CHATS	MPO/COG/other	New construction and right-of-way aquisition	360
US 17/Sandy Island Road	6	Georgetown	Waccamaw COG	MPO/COG	Intersection Improvement	360
US 701/Old Pee Dee Road	6	Georgetown	Waccamaw COG	MPO/COG	Intersection Improvement	360
US 301	6	Orangeburg	Lower Savannah COG	MPO/COG	Intersection Improvement on US 301 at US 178	360
North Main Street Reconfiguration - Phase 1B	2	Richland	COATS	MPO/COG/other	Reconstruction	360

* Maintenance of Effort Review Necessary

Bridge Program Economic Recovery Act Projects February 19th, 2009 approval - First \$37.5 million						
Congressional District	County	Route	MPO/COG Location	Description	Engineering Rank	Commission Approval
5,6	Horry/Marion	US 378 Little Pee Dee River	Wacc./Pee Dee COG	Replace bridge over Little Pee Dee River and 6 over flow bridges	6	Yes
1	Charleston	S-1958 (Brickyard Road)	CHATS	Bridge over Tidal Creek	18	Yes
6	Colleton	S-66	Lowcountry COG	Bridge over Calpen Swamp	64	Yes
5	Chester	S-12-465	Catawba	Reeves Creek	79	Yes
5	York	S-46-649	Catawba	Branch of Beaverdam Creek	81	Yes
5	Chesterfield	S-13-683	Pee Dee COG	Big Black Creek	82	Yes
5	Chester	S-12-404	Catawba	Tributary to Fishing Creek	83	Yes
5	York	S-46-323	Catawba	Ross Branch	85	Yes
6	Marion	US 378 Little Pee Dee River	Pee Dee COG	Bridge over Maple Swamp (to be combined with other US 378 Little Pee River Project)	143	Yes
3	Edgefield	S-40	Upper Savannah COG	Replace bridge over Turkey Creek	222	Yes
3	Edgefield	S-18	Upper Savannah COG	Replace bridge over Bartley Branch	331	Yes
3	Laurens	S- 67	Upper Savannah COG	Replace bridge over Durbin Creek	402	Yes

Interstate Maintenance

Map ID	Congressional District	Route	County	MPO/COG Location	Description	Rank	Total Remaining Project Cost (millions)	Obl. From NTP (days)	Commission Approval
A	2,6	I-20EB	Lexington/Richland	COATS	Approx. MM 60 - 70	4	\$9.20	90	Yes
B	2	I-20EB	Aiken	LSCOG	Approx. MM 22 - 38	20	\$13.00	90	Yes
C	2,6	I-77SB	Richland	COATS	Approx. MM 13- 18	23	\$3.90	90	Yes
D	6	I-95 NB & SB	Clarendon	Santee Lynches	Approx. MM 114 - 120 SB	37	\$13.50	90	2/19/2009
E	1,6	I-26 WB & EB	Charleston	CHATS	Approx. MM 212-218 WB & MM 212-218 EB	38	\$12.00	90	2/19/2009
F	4	I-26 WB	Spartanburg	SPATS	Approx. MM 17- 19 WB	40	\$2.00	90	2/19/2009
G	4	I-385 NB	Greenville	GPATS	Approx. MM 30 -37 NB	41	\$7.50	90	2/19/2009
J	6	I-95 NB	Florence	FLATS	Approx. MM 156 - 161 NB	60	\$2.00	90	2/19/2009
K	2	I-95 NB	Jasper	Lowcountry COG	Approx. MM 18-24 NB	63	\$8.00	90	2/19/2009
L	4	I-26 EB	Spartanburg	App COG	Approx. MM 5-12 EB	66	\$5.00	90	2/19/2009
		A,B,C,D,E	Previously approved						
		F,G,J,K,L	recommended for ARRA funding March 19th.						

Recovery Act resurfacing program overview			
County	Primary & Secondary Route Federal Aid Lane Miles		Approximate Amount
	Total	% of Sys	\$100M
Abbeville	663.88	1.50%	\$1,498,113
Aiken	1604.26	3.62%	\$3,620,177
Allendale	444.32	1.00%	\$1,002,654
Anderson	1663.86	3.75%	\$3,754,670
Bamberg	555.10	1.25%	\$1,252,640
Barnwell	611.28	1.38%	\$1,379,416
Beaufort	688.36	1.55%	\$1,553,355
Berkeley	971.04	2.19%	\$2,191,251
Calhoun	421.08	0.95%	\$950,210
Charleston	1342.02	3.03%	\$3,028,405
Cherokee	609.64	1.38%	\$1,375,715
Chester	652.02	1.47%	\$1,471,350
Chesterfield	1070.72	2.42%	\$2,416,189
Clarendon	724.54	1.63%	\$1,634,999
Colleton	914.32	2.06%	\$2,063,257
Darlington	958.18	2.16%	\$2,162,231
Dillon	508.30	1.15%	\$1,147,031
Dorchester	629.80	1.42%	\$1,421,208
Edgefield	634.52	1.43%	\$1,431,859
Fairfield	734.80	1.66%	\$1,658,151
Florence	1474.19	3.33%	\$3,326,652
Georgetown	708.82	1.60%	\$1,599,525
Greenville	2331.36	5.26%	\$5,260,952
Greenwood	904.04	2.04%	\$2,040,059
Hampton	505.08	1.14%	\$1,139,765
Horry	2010.13	4.54%	\$4,536,064
Jasper	542.94	1.23%	\$1,225,200
Kershaw	875.64	1.98%	\$1,975,971
Lancaster	1086.00	2.45%	\$2,450,670
Laurens	1075.42	2.43%	\$2,426,795
Lee	632.03	1.43%	\$1,426,240

TRAFFIC ENGINEERING STIMULUS PROJECTS

Congressional District	County	Route	COG/MPO	Description	Commission Approval
SAFETY PROJECTS					
2	Lexington	S-73 @ S-647	COATS	Realign and add turn lanes.	Yes
5	Darlington	US 15 @ S-10	Pee Dee	Add turn lanes	Yes
3	Anderson	S-219 @ S-28 and 333	ANATS	Reconstruct 5 leg intersection	Yes
5	Cherokee	SC 105	APP	Flatten curve -	Yes
2&6	Richland	US 21	COATS	Guardrail project protecting pond.	Yes
All	Various	Roads statewide	Various	Traffic signal upgrades	YES
PAVEMENT MARKINGS					
5	Chest/Fair	I-77		Interstate pavement remarking project	YES
3,4	Laurs/Sptg	I-26		Interstate pavement remarking project	YES
5	Kers/Lee	I-20		Interstate pavement remarking project	YES
6	Florence	I-95		Interstate pavement remarking project	YES
6	Richland	I-20		Interstate pavement remarking project	YES
2,5	Fair/Rich	I-77		Interstate pavement remarking project	YES
6	Colleton	I-95		Interstate pavement remarking project	YES
3	Aiken	I-20		Interstate pavement remarking project	YES
5	Lee/Darling	I-20		Interstate pavement remarking project	YES
4	Spartanburg	I-26		Interstate pavement remarking project	YES
1	Charleston	I-526		Interstate pavement remarking project	YES
5,6	Darlington	I-95		Interstate pavement remarking project	YES
ITS					
1,2	Lex/Charleston	I-26, I-77 & I-526	COATS, CHA	fiber optic cable to connect to existing cameras and CMC signs	YES

Up to 12.5 million was approved to support advancement of these project to construction February 19th,

Overview



- Discretionary Grant Program
 - \$1.5 Billion
 - OST will establish criteria in 90-days
 - Highways, transit, intermodal/port access
 - Applications due in 180-days
 - Projects selected in 1-year
 - Projects of national or regional significance
 - Priority for projects that need \$20.0 M to \$300.0 M
 - Federal share up to 100%
 - Preference for projects to be finished in 3yrs

2009 Clean Water SRF

- State Revolving Loan Fund
- \$40,148,200 ARRA Funds Statewide
- BCD Region Recipients:
 - Mt. Pleasant Waterworks - \$1,000,000 project: Rifle Range Road WWTP Disinfection
 - James Island PSD - \$1,346,400 project: Pump Station No. 33 Upgrade & New Force Main
 - James Island PSD - \$750,000 project: Lighthouse Point Phase 1A Sewer Line
 - James Island PSD - \$625,000 project: Harbor View Circle Emergency Force Main Replacement
 - Dorchester County Water & Sewer Dept. - \$3,850,000 project: Sewer System Rehab

2009 Drinking Water SRF



- State Revolving Loan Fund
- \$19,500,000 ARRA Funds Statewide
- BCD Region Recipients:
 - ▣ Town of Harleyville - \$1,175,000 project: Water Line Replacement

Local Energy Efficiency Improvements

Location	Government Type	Amount
South Carolina	All	\$31,449,200
South Carolina	State Energy Office	\$9,596,500
Charleston	City	\$1,138,700
Goose Creek	City	\$153,600
Mt. Pleasant	City	\$593,700
North Charleston	City	\$978,500
Summerville	City	\$185,600

S.C. Energy Office

Organization	Total Allocation	Grant (75%)	Loan (25%)
Charleston School District	\$1,296,664	\$972,498	\$324,166
Berkeley School District	\$711,922	\$533,941	\$177,980
Dorchester School District 2	\$391,060	\$293,295	\$97,765
Dorchester School District 4	\$97,784	\$73,338	\$24,446
BCD Region Totals	\$2,497,430	\$1,873,072	\$624,357
SC State Totals	\$20,359,537	\$15,269,653	\$5,089,884

S.C. Energy Office

Organization	Total Allocation	Grant (75%)	Loan (25%)
MUSC	\$2,268,693	\$1,701,519	\$567,173
College of Charleston	\$639,260	\$479,445	\$159,815
The Citadel	\$448,600	\$336,450	\$112,150
Trident Technical College	\$221,881	\$166,411	\$55,470
BCD Region Total	\$3,578,434	\$2,683,825	\$894,608
SC State Total	\$12,217,812	\$9,163,359	\$3,054,453



Ron Mitchum, Executive Director

BCD Council of Governments

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Presentation available for download at

www.bcdkog.com