

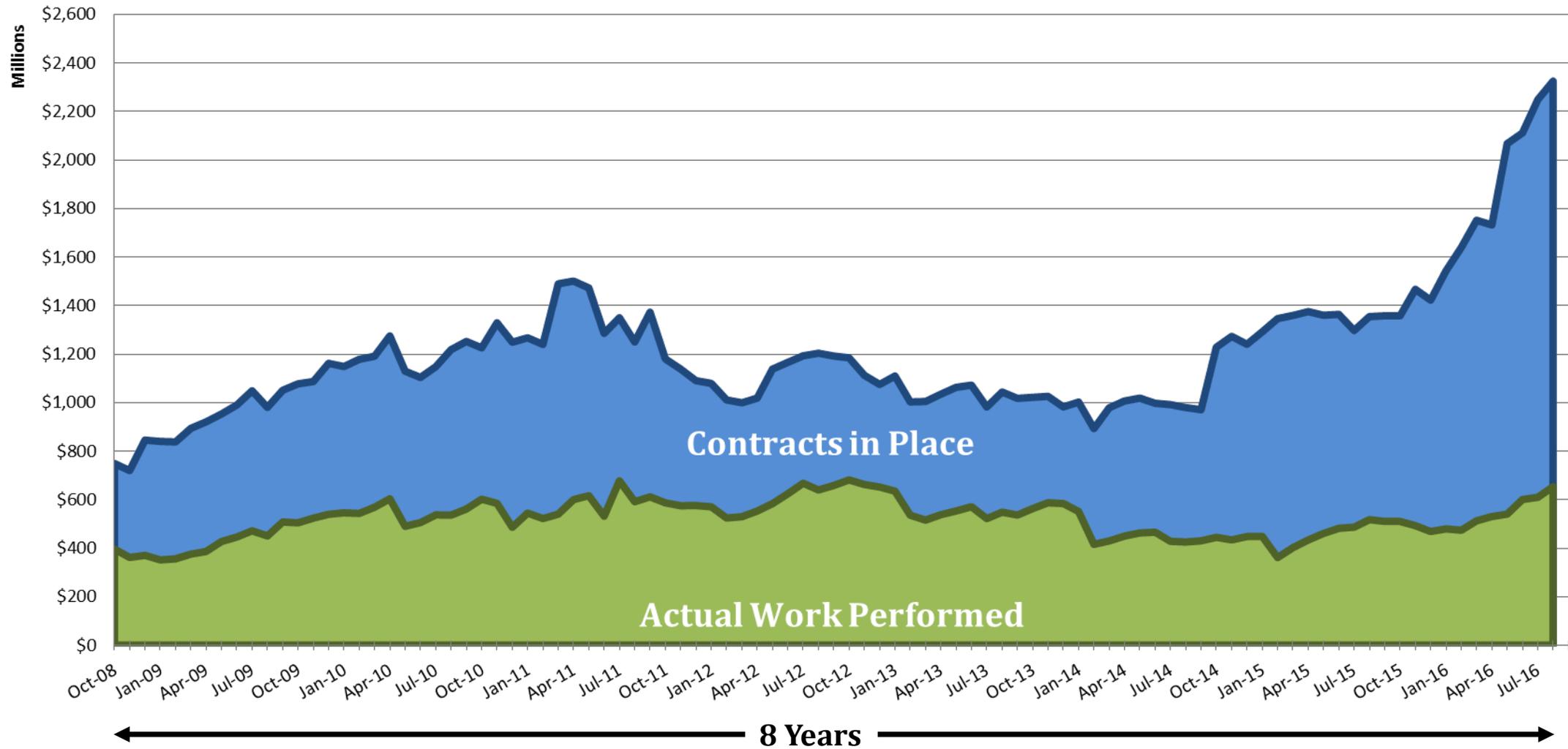


South Carolina Department of Transportation

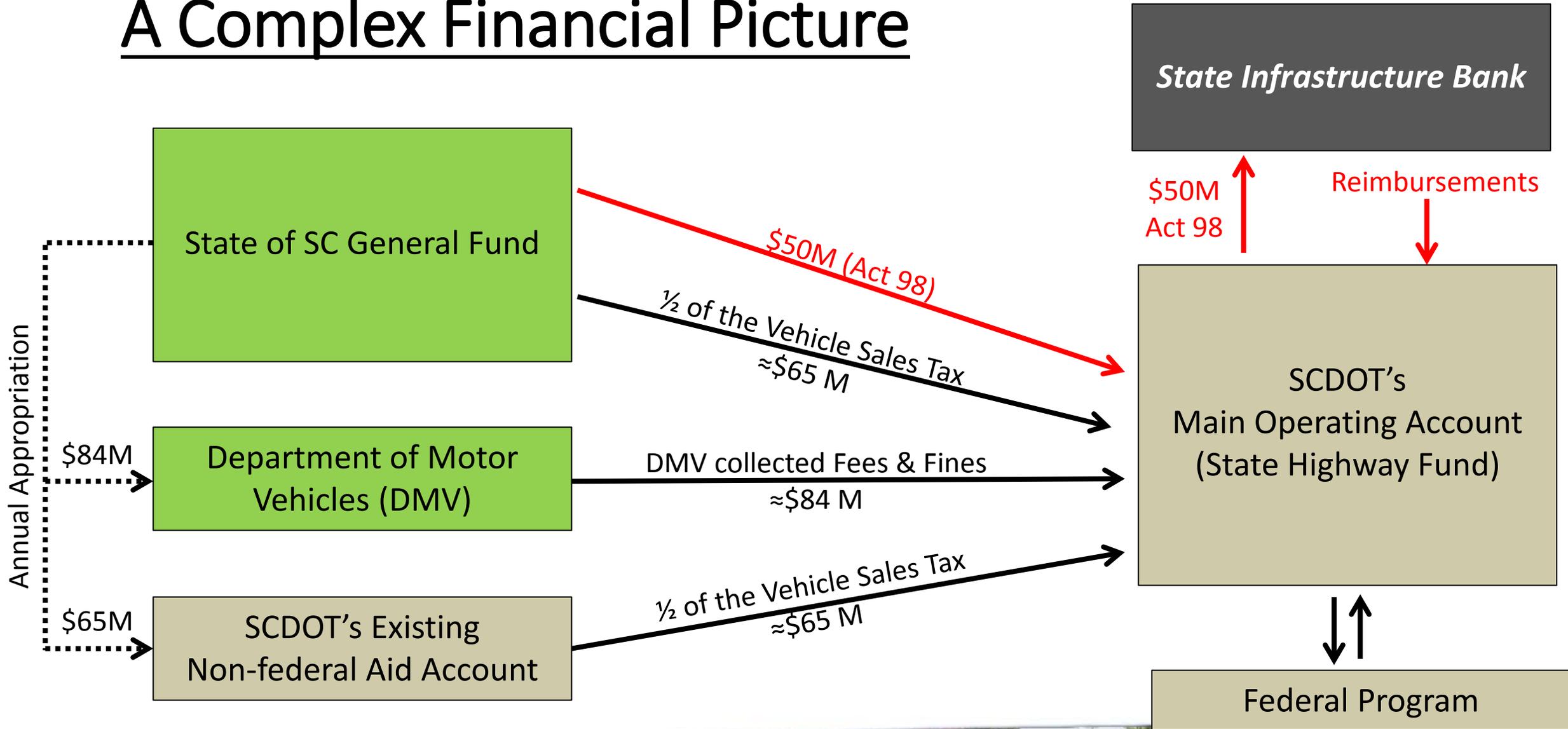


SCDOT Consolidated Program Delivery Plan

SCDOT Construction Contract Trendlines

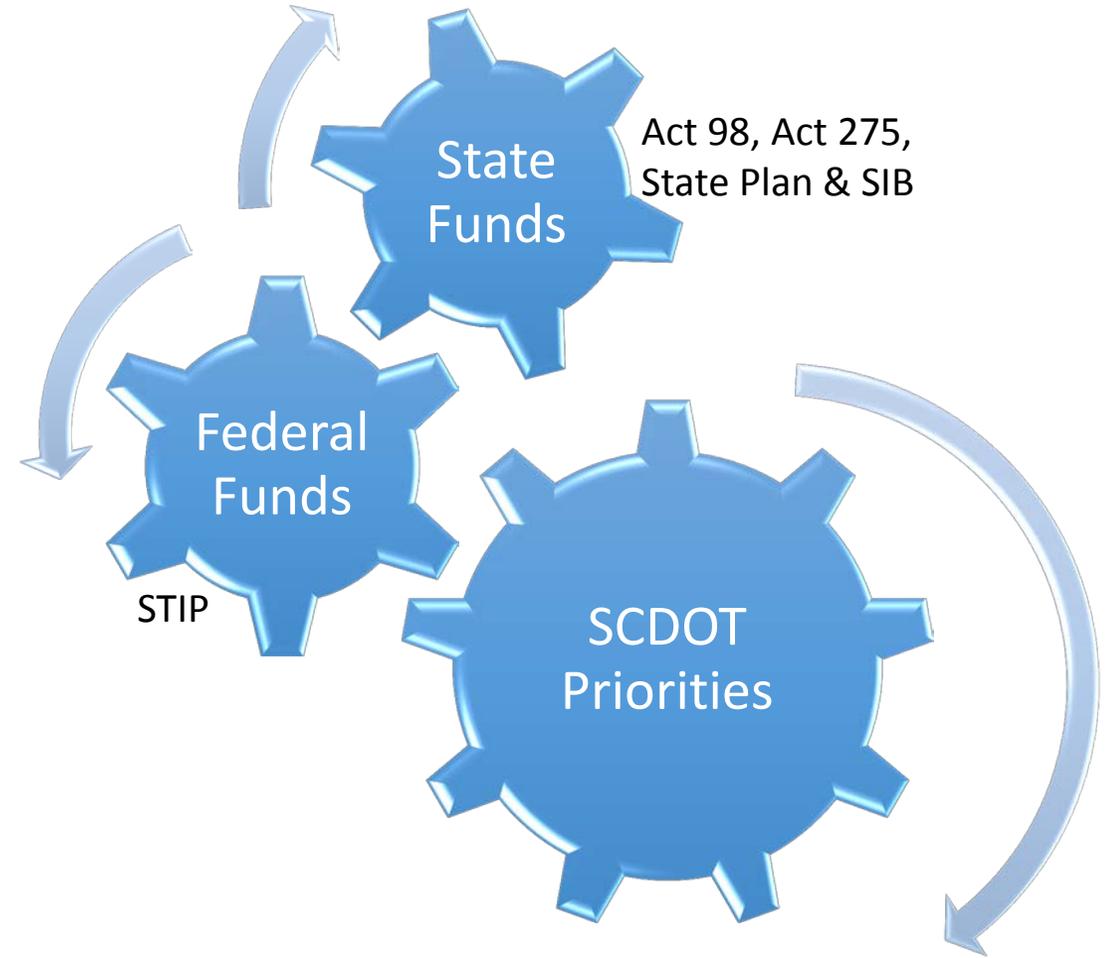


A Complex Financial Picture



An “All-in” Plan

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



Program Plan

- ***Utilize the TAMP to drive priorities***
- ***Set 10-year performance targets via the TAMP***
- ***Use a blended funding approach (ACT 275 & Federal Program)***
- ***Talk Programs and not ACT 98, ACT 275, or Federal Program***
- ***Interstate Capacity, Pavement, & Bridge Programs***
- ***Call on SIB for bonding as needed only (Interstate Capacity)***



Targeted Programs

➤ ***Interstate Capacity***

➤ ***Bridge***

➤ ***Pavement***

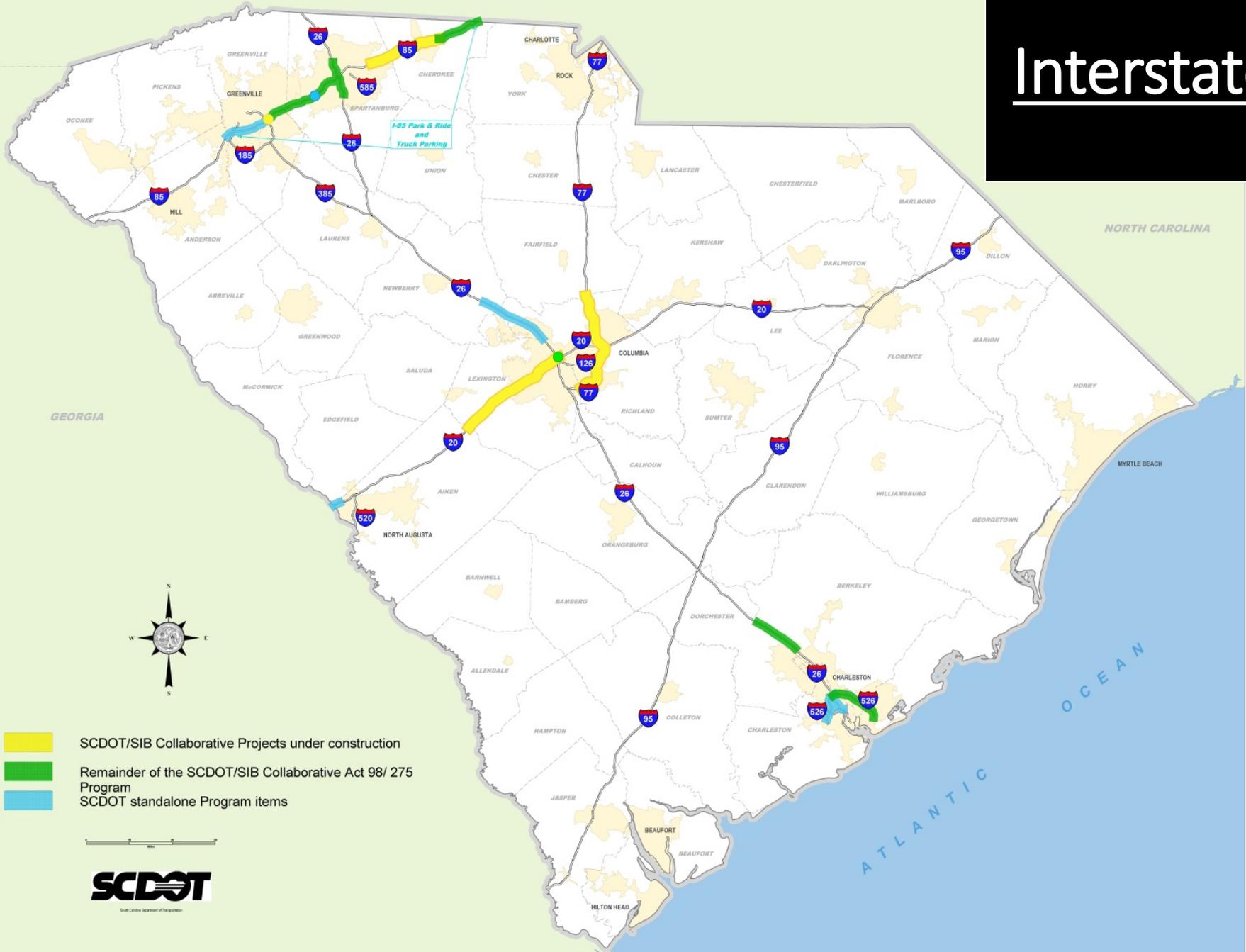


Interstate Capacity

- ***\$5 Billion Planned Program Value***
- ***Follow Interstate Priority List***
- ***Address approximately 141 miles (17% of total system)***
- ***System-to-System Interchanges***
 - ***I-26/I-20/I-126***
 - ***I-26/I-526***
- ***Call on SIB for bond issuance based on cash flow demand***



Interstate Widenings: All-In



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

≈141 miles



Bridge Program

- ***Reduce the number of Structurally Deficient Bridges***
- ***Focus on the Interstate and High Volume (NHS) Primary systems***
- ***Continuation of ACT 98-type program to eliminate load restricted bridges***

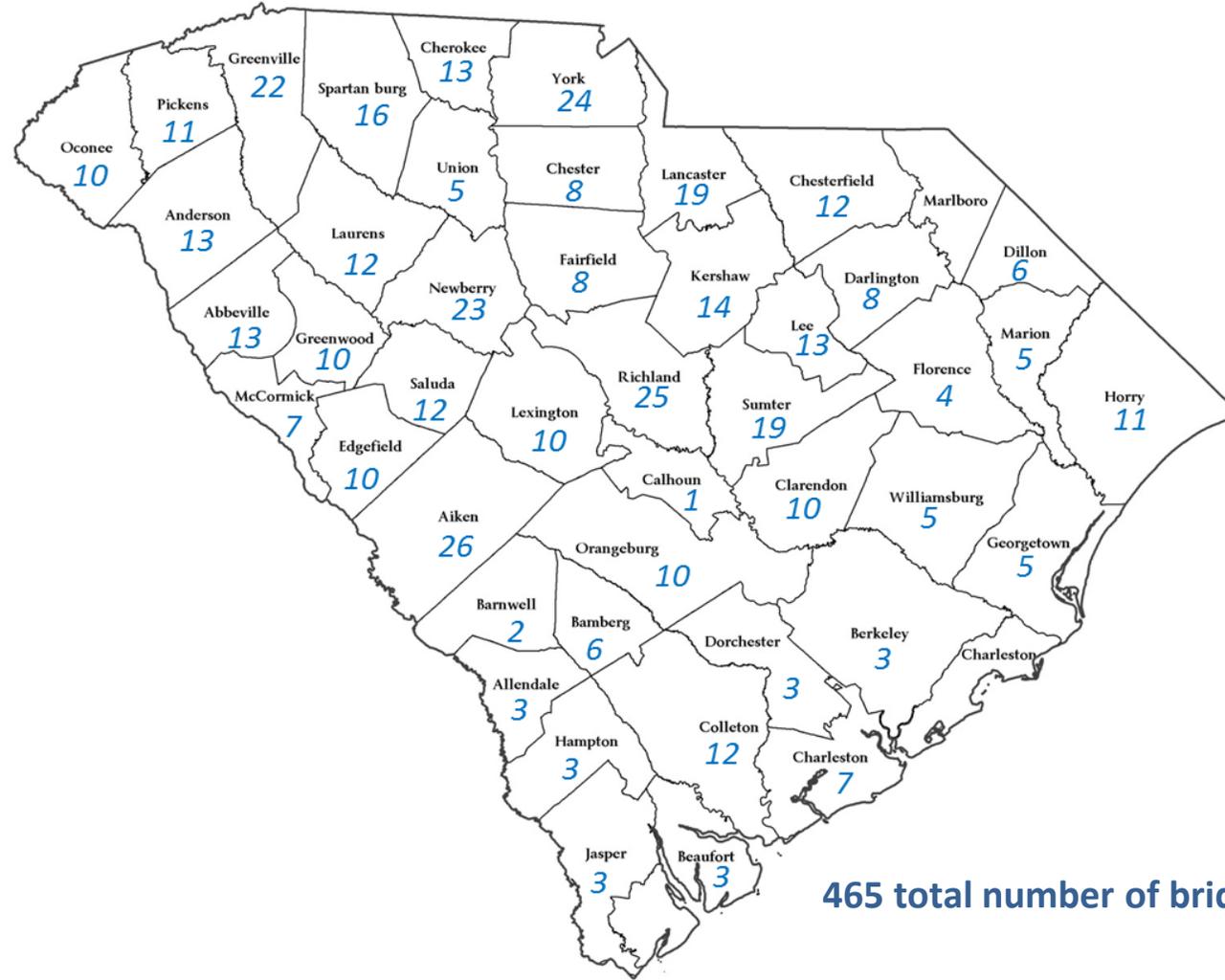


Bridge Program

- ***10-year expected performance targets (May 2016 – Baseline)***
 - ***Eliminate the structurally deficient bridges on the Interstate & High Volume (NHS) Primary systems***
 - ***Completely eliminate the load restricted bridges across all systems***



Bridge Program



465 total number of bridges by county planned for delivery



Pavement Program

- ***Increase the percentage of centerline miles in good condition***
- ***Focus on the Primary system as it carries 46% of the traffic in South Carolina***
- ***Break out High Volume (NHS) Primary routes on a statewide basis similar to the Interstate system***
 - ***High Volume (NHS) Primary system carries 26% of the traffic and only makes up 7% of the total mileage***



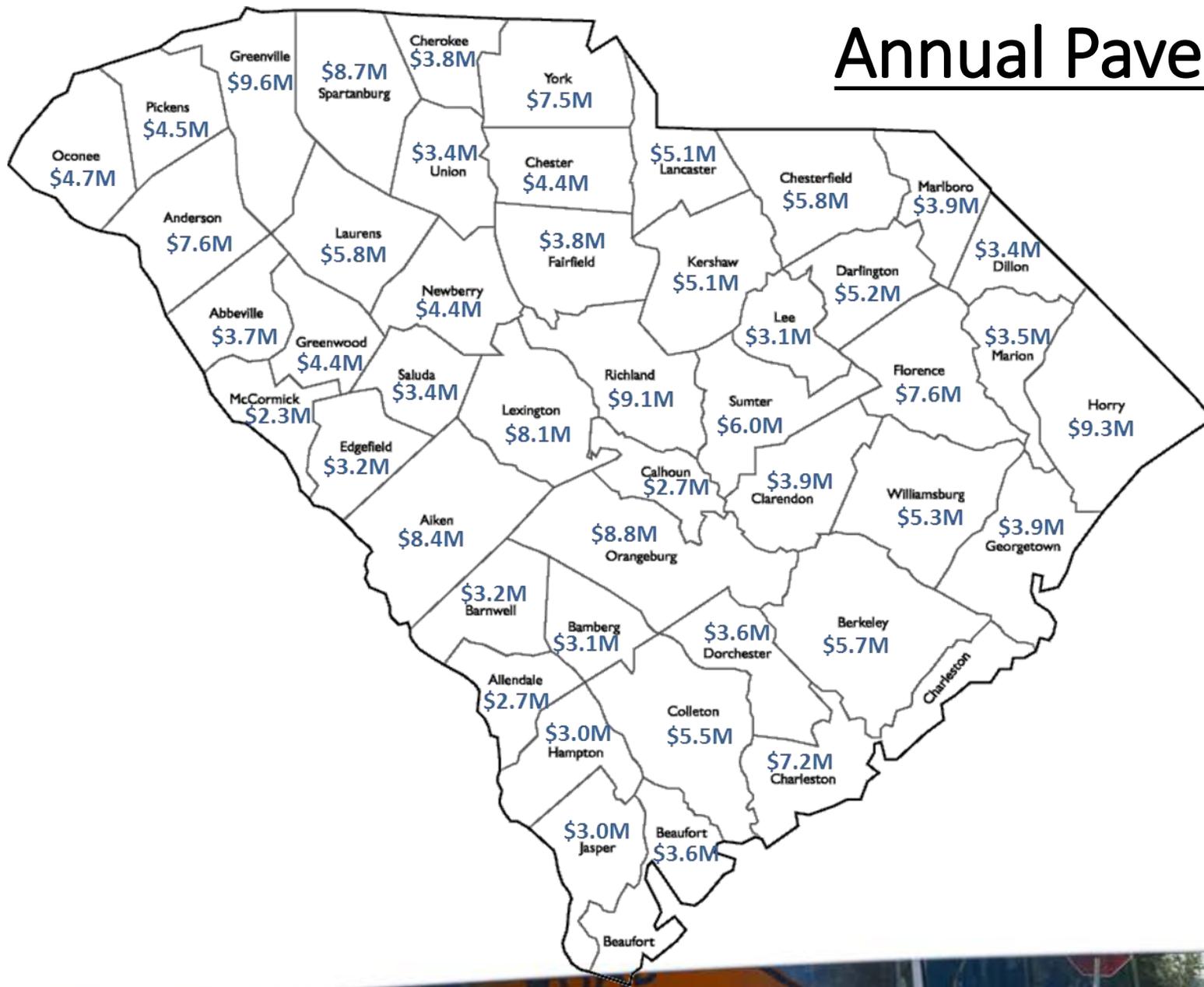
Pavement Program

➤ *10-year expected performance targets*

Asset Categories	Centerline Miles	%VMT	Current % Good	10 Year Funding Levels	Estimated % Good
Interstate	851	30%	65%	\$100 M	63%
Primary System	9,517	46%	19%	\$179 M	30%
FA Secondaries	10,370	17%	19%	\$56 M	16%
Non FA Secondaries	20,657	7%	13%	\$80 M	14%



Annual Pavement Program

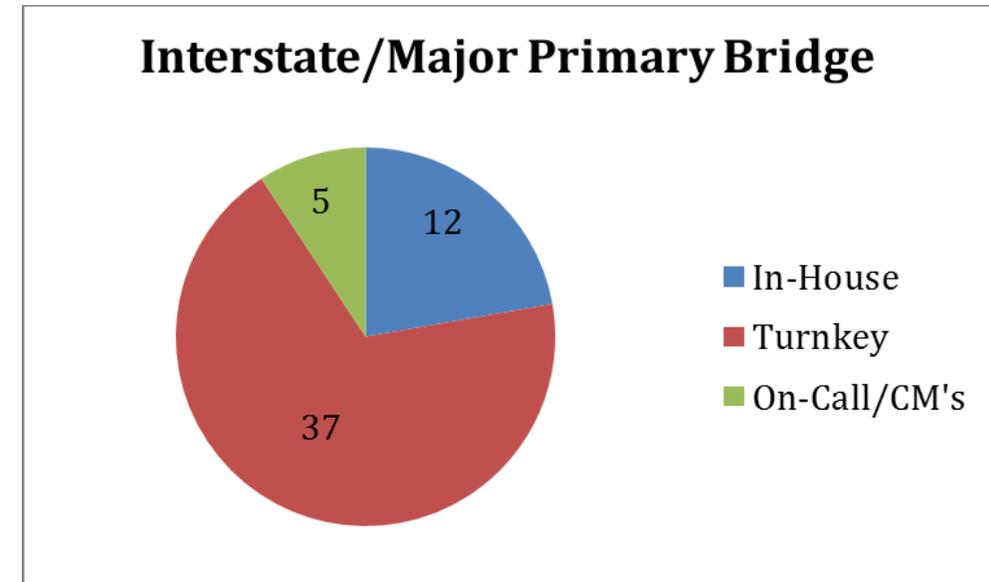


	Interstates	\$100 M
Primaries	NHS	\$81 M
	Non-NHS	\$98 M
Secondaries	Fed. Aid	\$56 M
	Non Fed. Aid	\$80 M
Total Annually:		\$415 M



Interstate/Major Primary Route Bridges

- Currently 66 bridges in development for delivery in 2017, 2018, 2019
- 35 consultant/31 in-house
- Combination of turnkey, on-call, and in-house resources to deliver 54 bridges



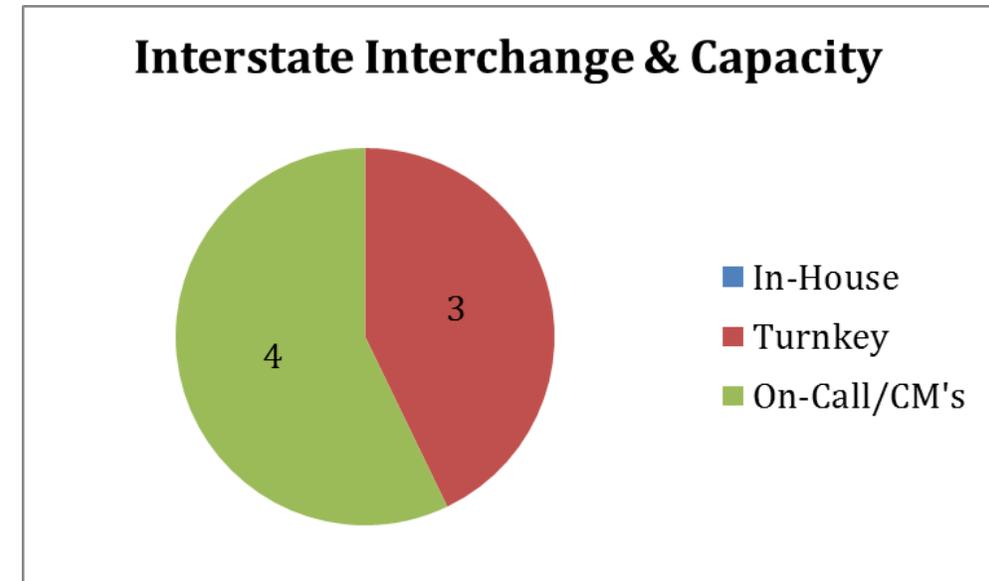
Load Restricted Bridges

- Contracted bridges may be bid-build or design-build
- Tentatively plan to bundle bridges in \$30-\$45M packages



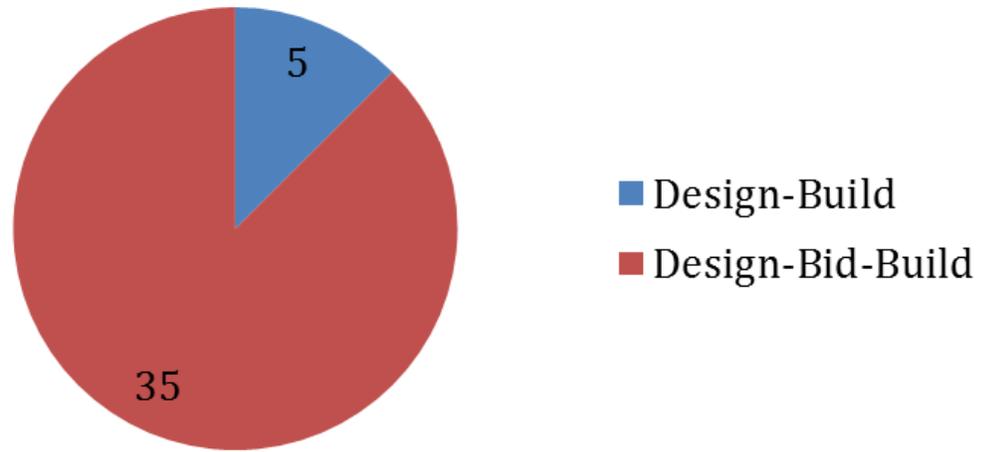
Interstate Interchange & Capacity

- 14 interchange or widening improvements
- All projects from previously approved Interstate needs list
- 6 projects under contract and in development
- Remaining 7 via turnkey or CM to existing contract

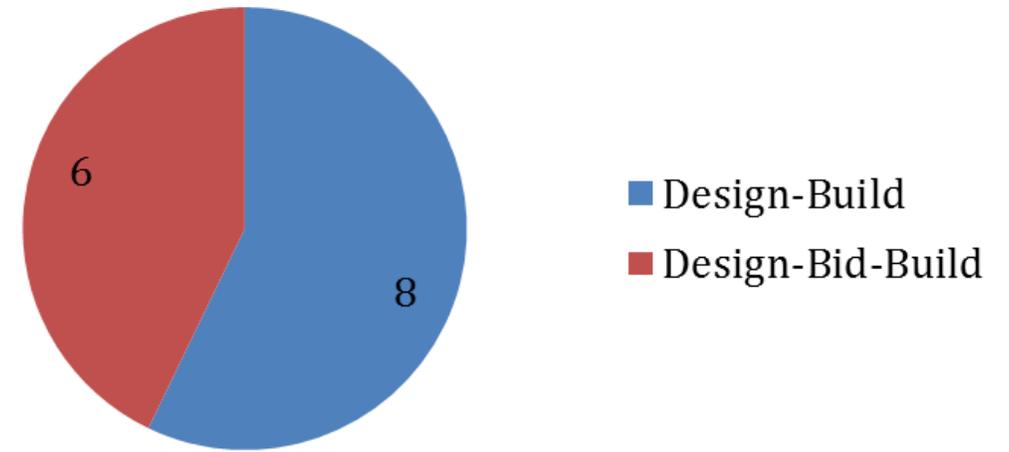


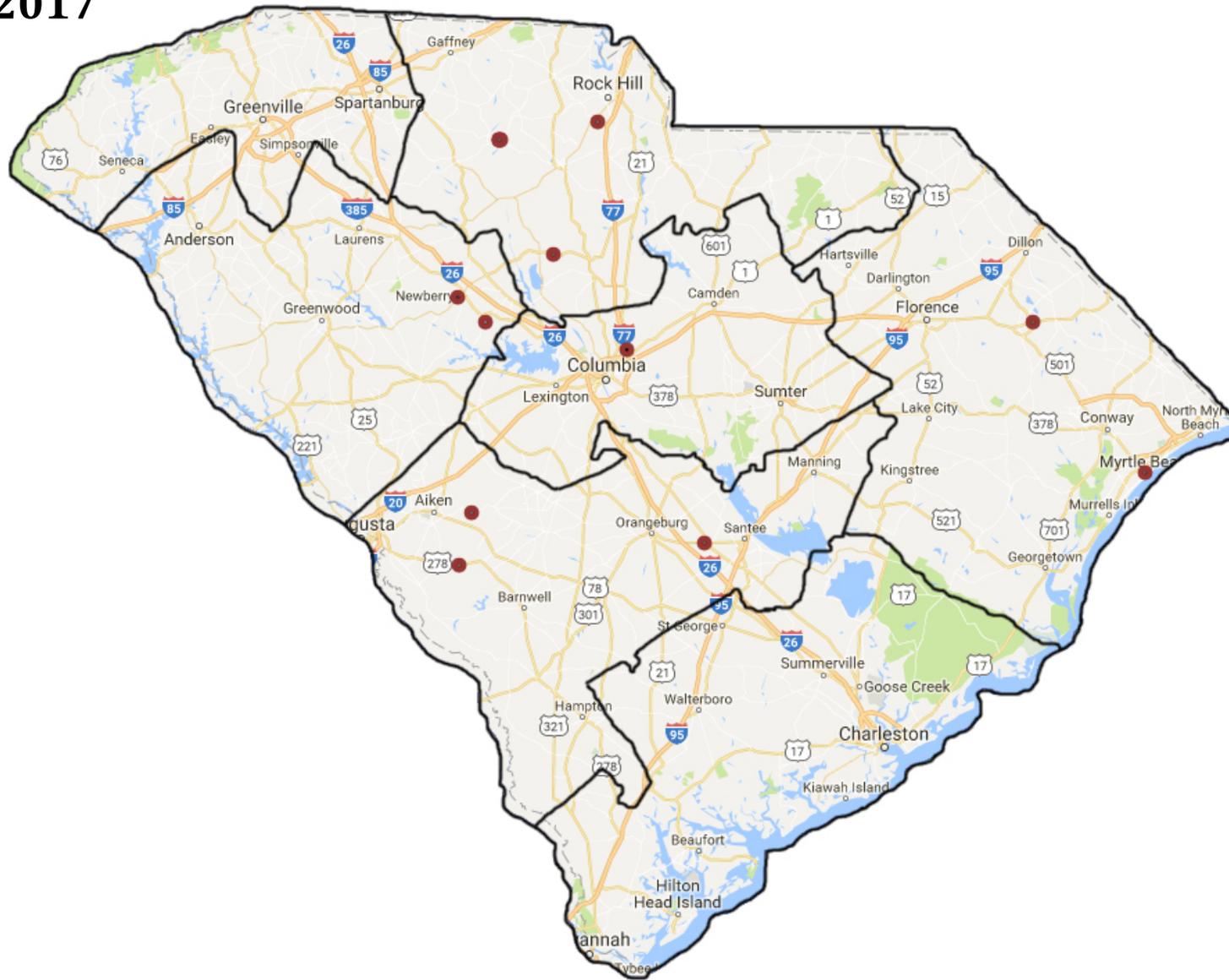
Design-Build vs Design-Bid-Build Delivery

Interstate/Major Primary Bridges



Interstate Interchange & Capacity





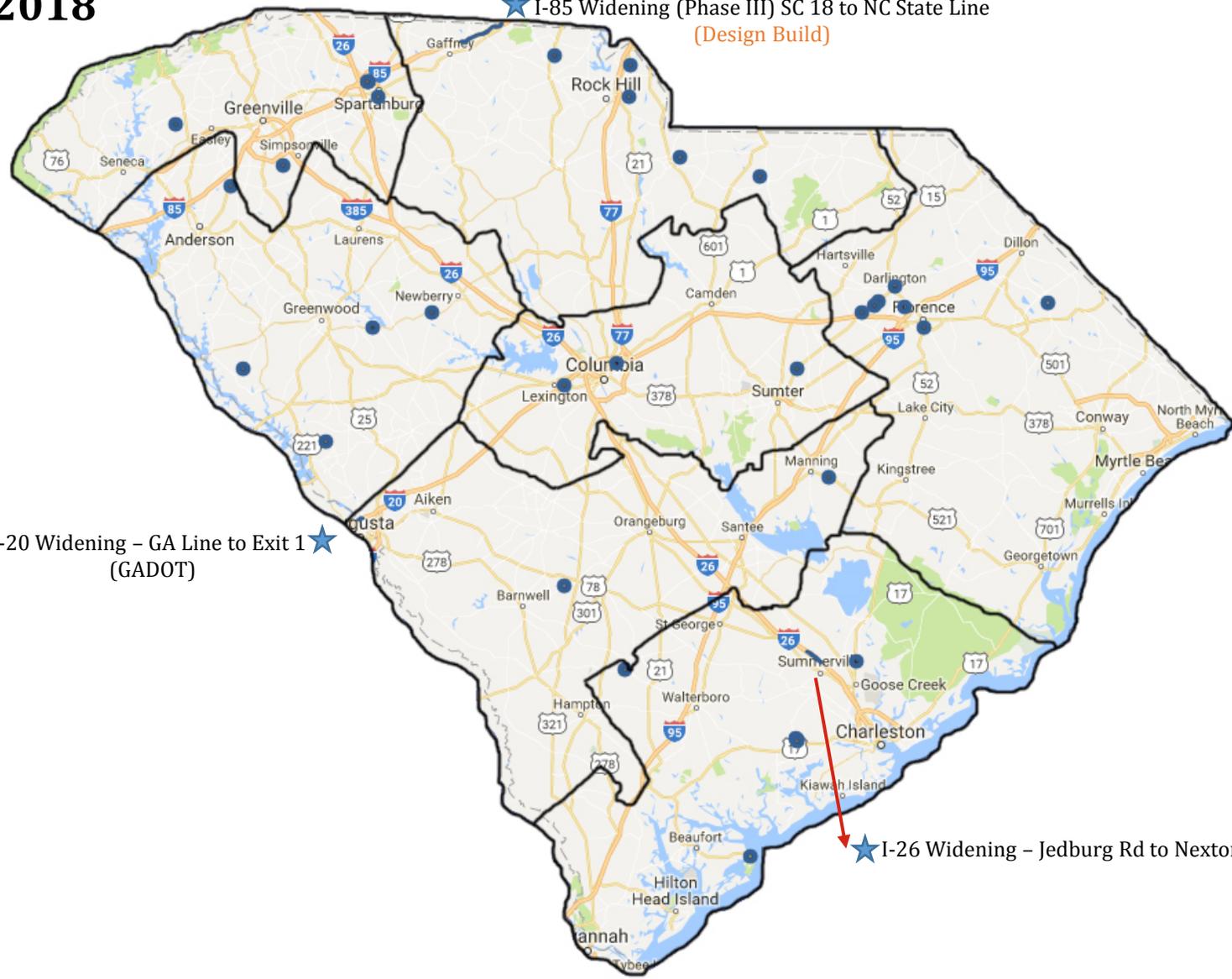
County	Project Name
Aiken	S-1304 over Shaws Creek
Aiken	US 278 over Three Runs Creek
Chester/Union	SC 9 over Broad River (4)
Fairfield	SC 34 over Little River
Horry	S-15 over Withers Swash
Marion	S-41 over Smith Swamp
Newberry	S-90 over CSX Railroad
Newberry	S-26 over Camping Creek
Orangeburg	US 301 over Four Holes Swamp
Richland	SC 277 NB over I-77 (Design Build)
York	S-655 over Fishing Creek

Consultant Contracts in BOLD



2018

★ I-85 Widening (Phase III) SC 18 to NC State Line
(Design Build)



I-20 Widening – GA Line to Exit 1
(GADOT) ★

★ I-26 Widening – Jedburg Rd to Nexton Pkway

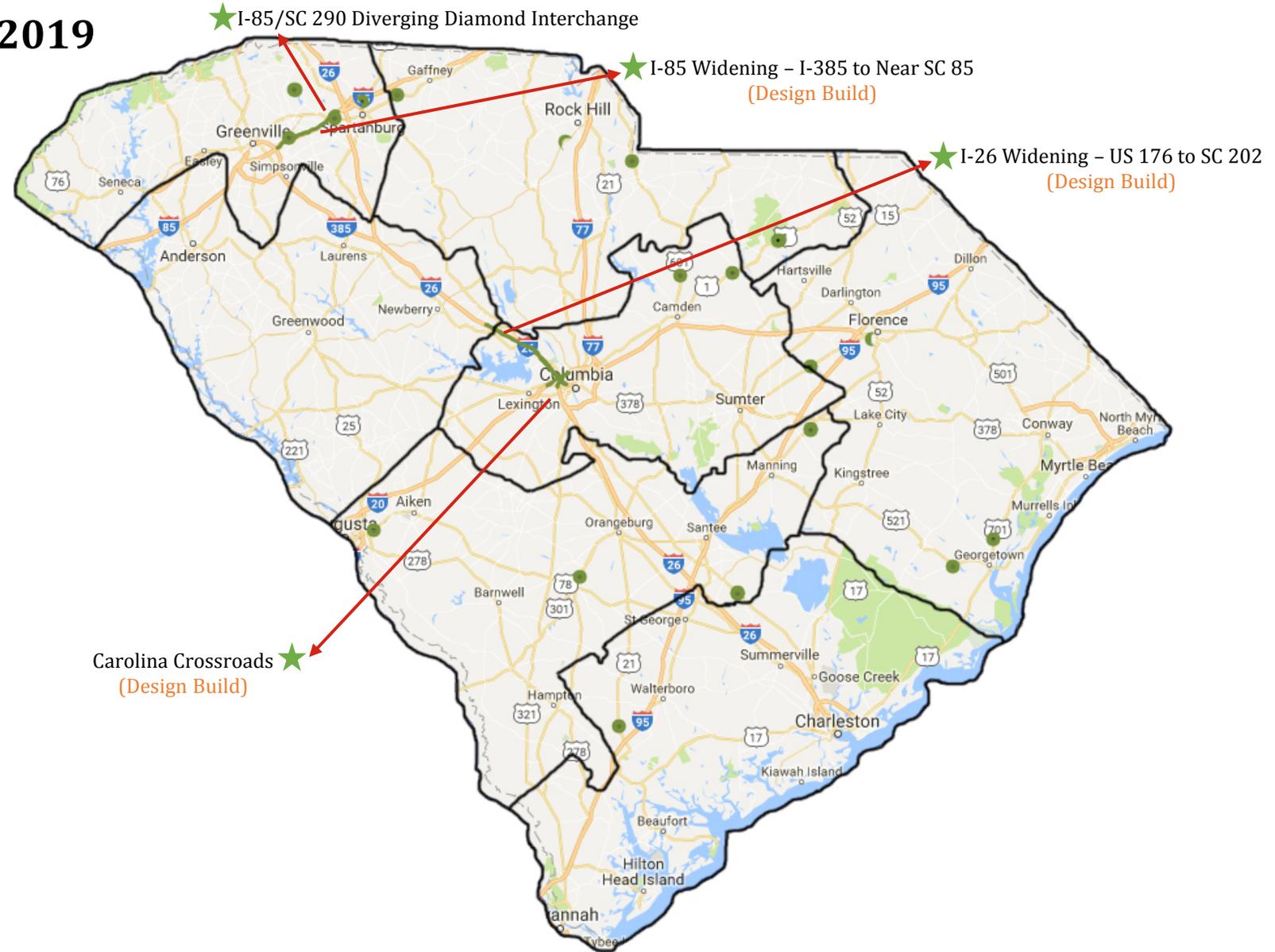
Bridge Projects (32)

12/7/2016

County	Project Name
Anderson	S-75 over US 29
Bamberg	SC 70 over Little Salkehatchie River
Beaufort	US 21 over Harbor River (Design Build)
Berkeley	S-791 over SCL Railroad
Charleston	SC 165 over Caw Caw Swamp (3)
Chesterfield	S-39 over Little For Creek
Clarendon	US 521 over Deep Creek
Colleton	SC 641 over Willow Swamp
Darlington	US 401 over Lake Swamp, Jeffries & High Hill Creek (3)
Darlington	S-49 over High Hill Creek
Edgefield	S-68 over Turkey Creek
Florence	S-12 over Jefferies Creek
Greenville	S-272 over Reedy River
Greenwood	SC 34 over Wilson Creek
Lancaster	S-51 over Gills Creek
Lee	US 401 over Scape Ore Swamp
Lexington	US 1 over I-20 (Design Build)
Marion	SC 41 over Maiden Down Swamp (2017 Emergency Contract)
McCormick	SC 823 over Little River
Newberry	SC 34 over Norfolk Southern Railroad
Pickens	S-267 over Twelve Mile Creek
Richland	US 1 over SCL Railroad
Spartanburg	S-1557 over Fairforest Creek
Spartanburg	SC 85 over Southern RR, S-995 & S-2 (2)
York	US 321 over Allison Creek
York	S-654 over Burgis Creek
York	US 21 over Steele Creek



2019



Bridge Projects (23)

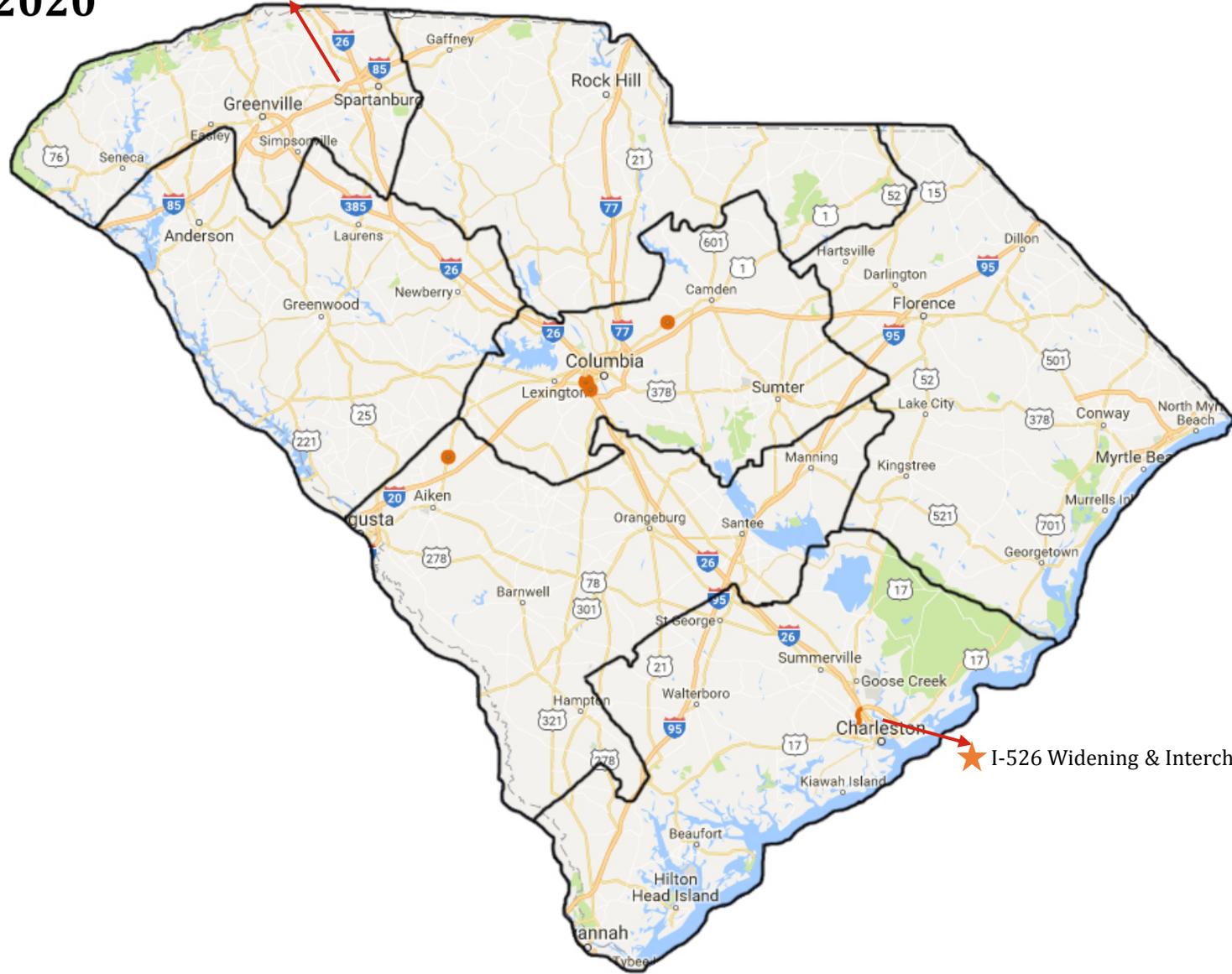
12/7/2016

County	Project Name
Aiken	SC 421 over Little Horse Creek
Bamberg	US 301 over South Edisto River
Berk/Oran	US 176 over Dean Swamp (2)
Cherokee	US 29 over Norfolk Southern Railroad
Chesterfield	US 1 over Black Creek & Little Alligator Swamp (2)
Clarendon	US 301 over Pudding Swamp (2)
Colleton	US 21 over Sandy Run Creek
Florence	S-76 over Jefferies Creek
Florence	US 76 over Lynches River
Georgetown	US 701 over Six Mile Creek
Georgetown	US 17 Alternate over Sampit River
Greenville	S-164 over Enoree River
Kershaw	US 521 over Old Railroad Bed
Kershaw	US 1 over SCL Railroad
Lancaster	US 521 over Cane Creek
Spartanburg	US 29 SB over North Tyger River
Spartanburg	SC 85 NB over Lawson Fork Creek
Spartanburg	S-75 over Middle Tyger River (2)
York	SC 72 over Stony Fork



2020

★ I-85 Park & Ride and Truck Parking



Bridge Projects (6)

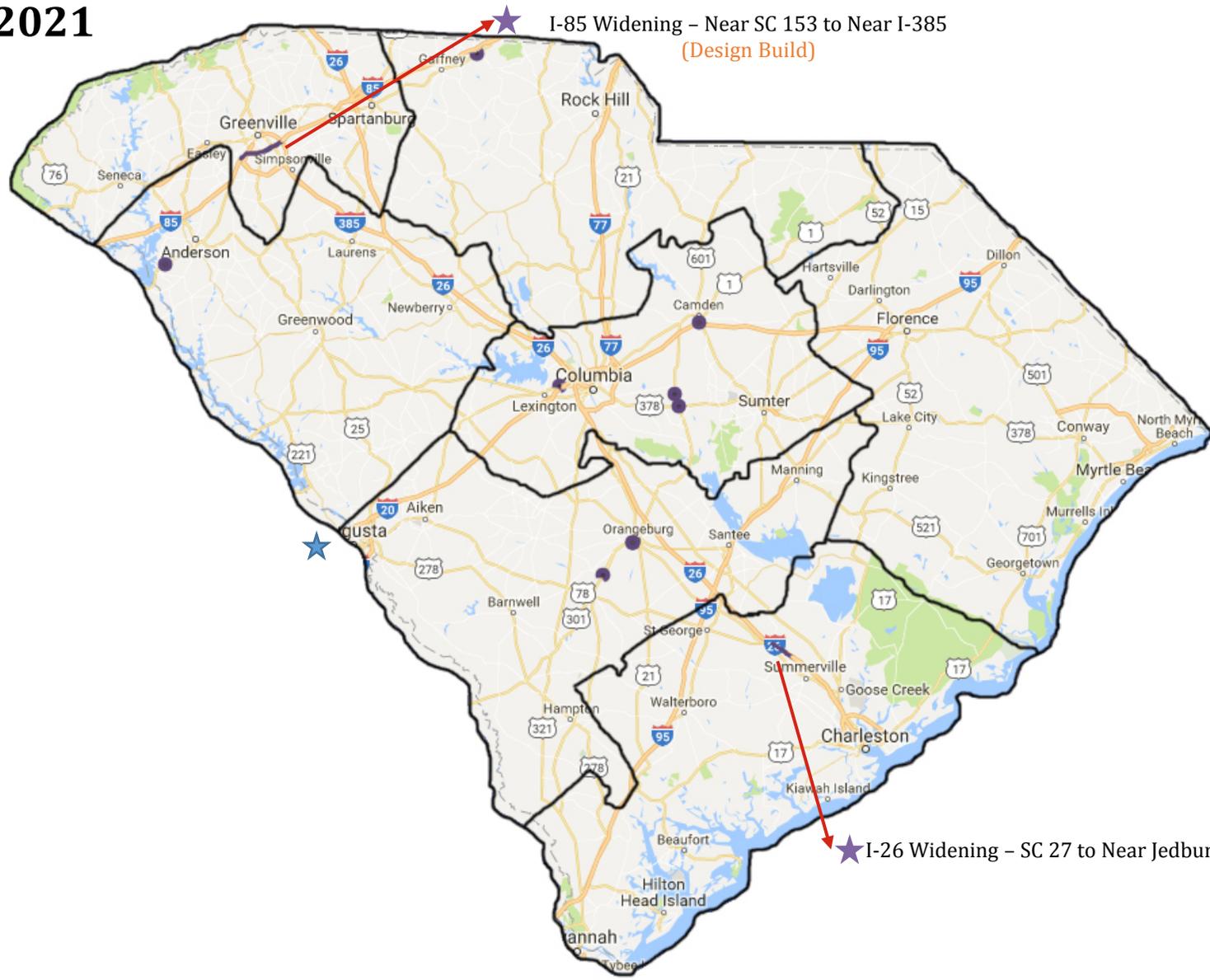
12/7/2016

County	Project Name
Aiken	US 1 over South Edisto River
Chesterfield	US 1 over SCL Railroad
Kershaw	US 1 over SCL Railroad
Lexington	I-26 over Southern Railway & US 1 (2) (Design Build)
Lexington	I-26 over SC 302 (Design Build)

★ I-526 Widening & Interchange Improvement – Rivers Ave to Paul Cantrell (Design Build)



2021



I-85 Widening - Near SC 153 to Near I-385
(Design Build)

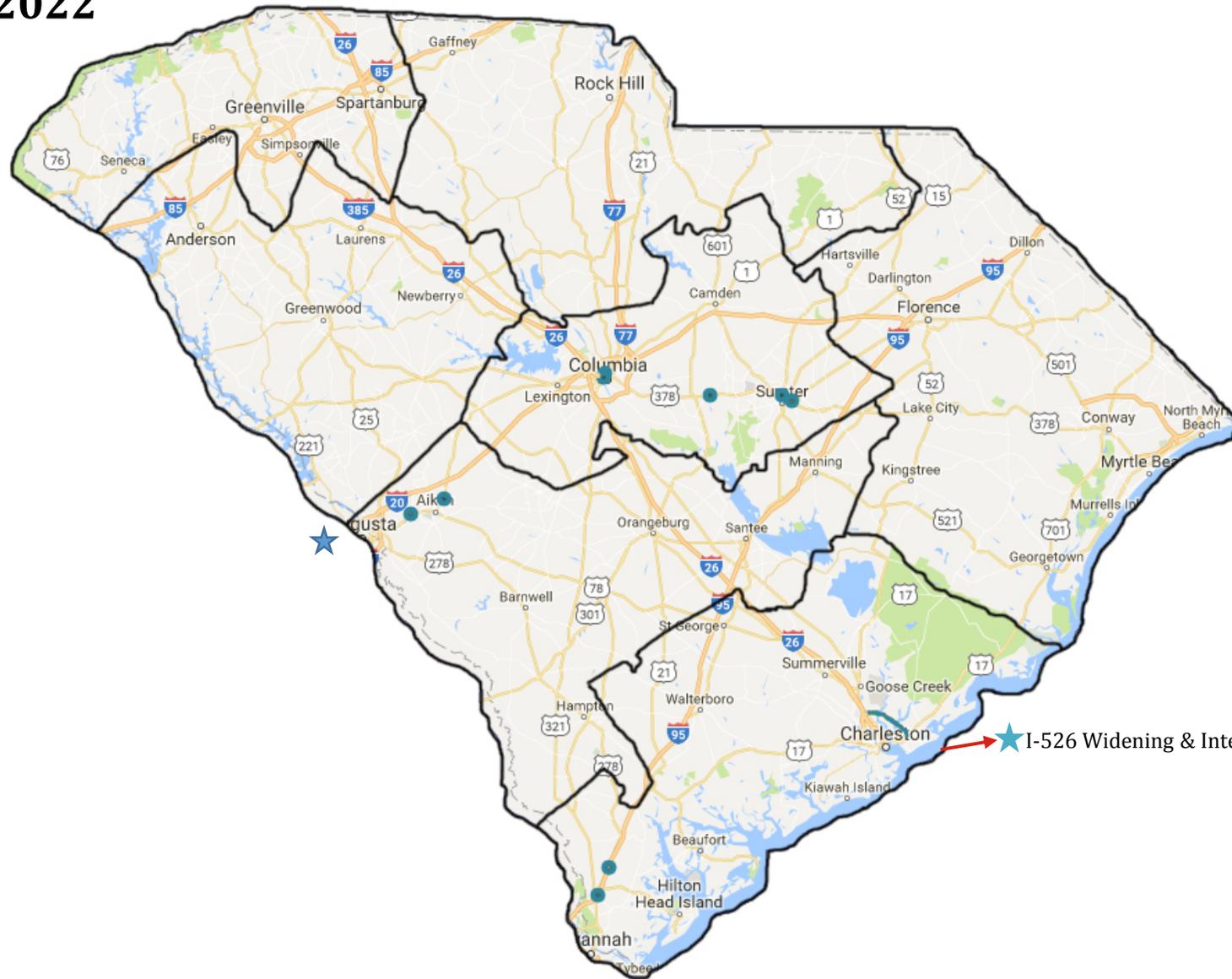
I-26 Widening - SC 27 to Near Jedburg Road

Bridge Projects (9)

12/7/2016

County	Project Name
Anderson	US 29 over Devil Fork Creek
Cherokee	US 29 over Southern Railroad
Kershaw	US 521 over Big Pine Tree Creek
Lexington	US 378 over Twelve Mile Creek
Orangeburg	US 301 over North Edisto Swamp & River (2)
Orangeburg	US 301 NB over Snake Swamp
Richland	US 76 over 601
Richland	US 601 over Colonels Creek





County	Project Name
Aiken	US 1 over Shaws Creek
Aiken	US 1 over Big Horse Creek
Jasper	I-95 SB over Bagshaw Swamp
Jasper	I-95 SB over SC 46
Richland	I-126 over SCL Railroad
Sumter	US 76 Bypass over US 76 Business
Sumter	US 76 Bypass over US 15
Sumter	US 76 WB over Wateree River

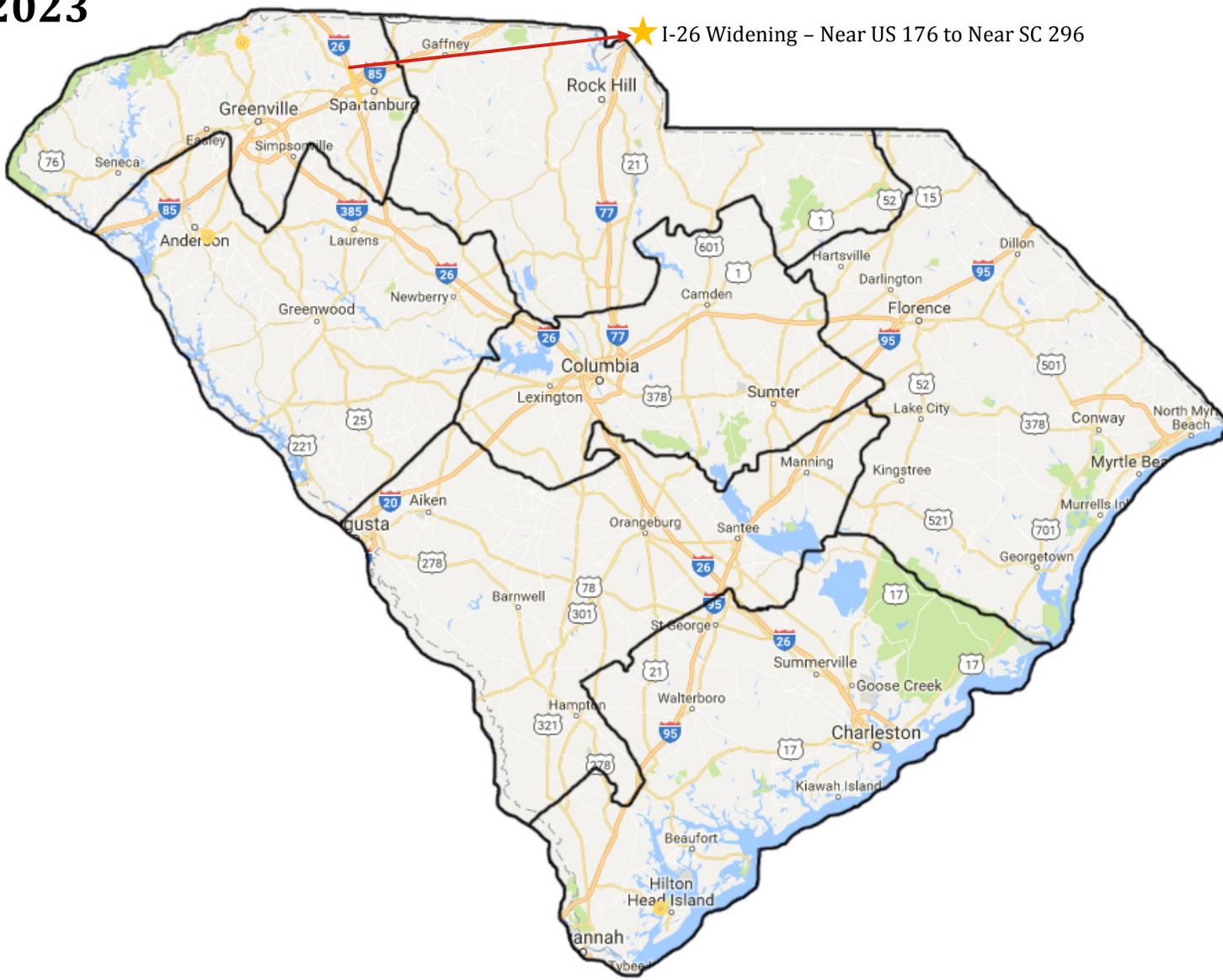
★ I-526 Widening & Interchange Improvements – Rivers Ave to Near US 17



2023

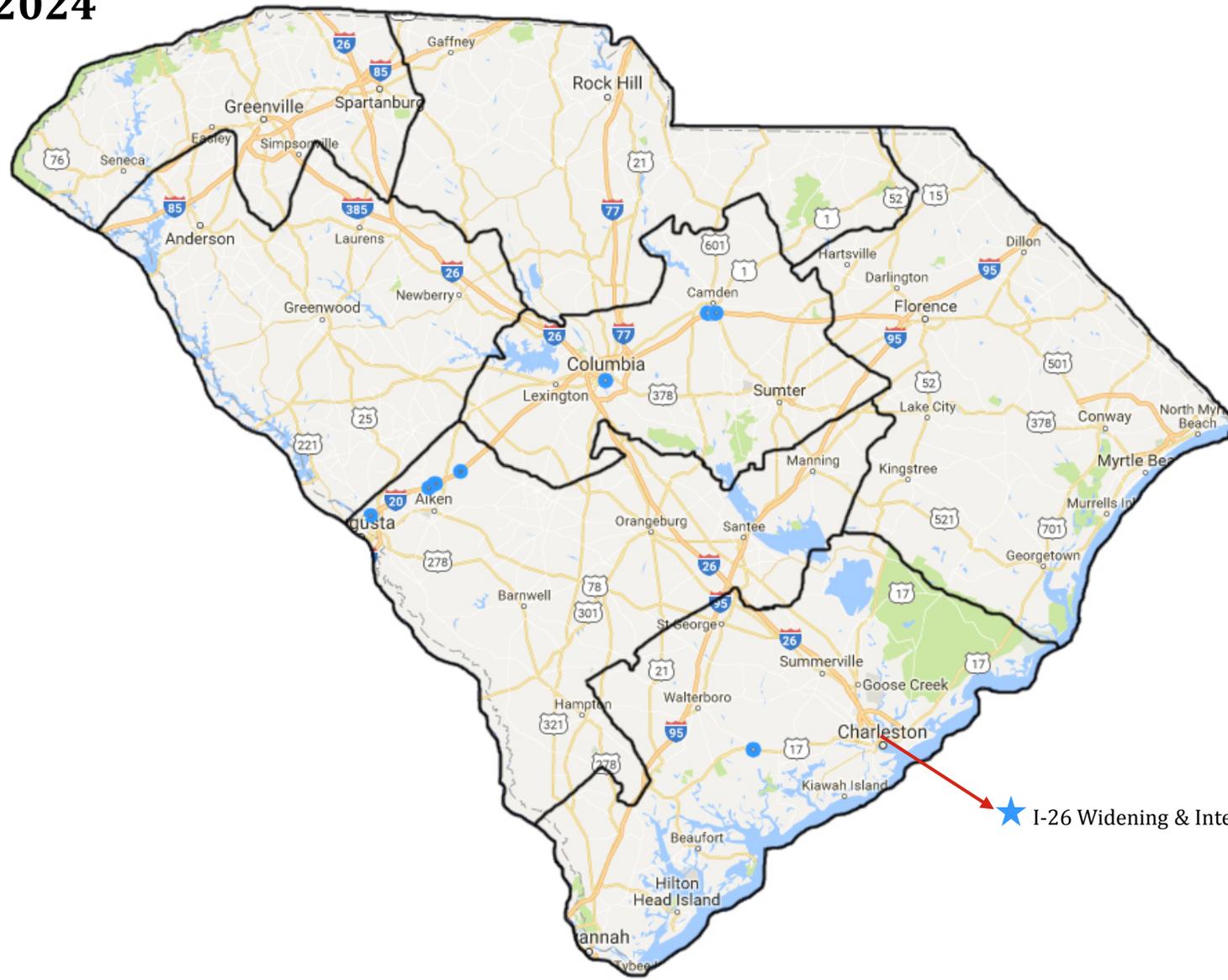
Bridge Projects (3)

12/7/2016



County	Project Name
Anderson	US 76 EB over Broadway Creek
Beaufort	US 278 EB over Mackay Creek
Greenville	US 25 NB over S-119 & North Saluda River





County	Project Name
Aiken	I-20 EB/WB over S-980 & Abandoned Railroad (2)
Aiken	I-20 WB over SC 19
Aiken	I-20 WB over South Edisto River
Aiken	I-20 WB over Abandoned Railroad
Char/Colleton	US 17 over Edisto River & Swamp (2)
Kershaw	I-20 EB/WB over Wateree River (2) (Design Build)
Kershaw	I-20 EB/WB over Wateree Swamp Overflow (4) (D/B)
Richland	US 21 Southern & SCL RR (Blossom St)

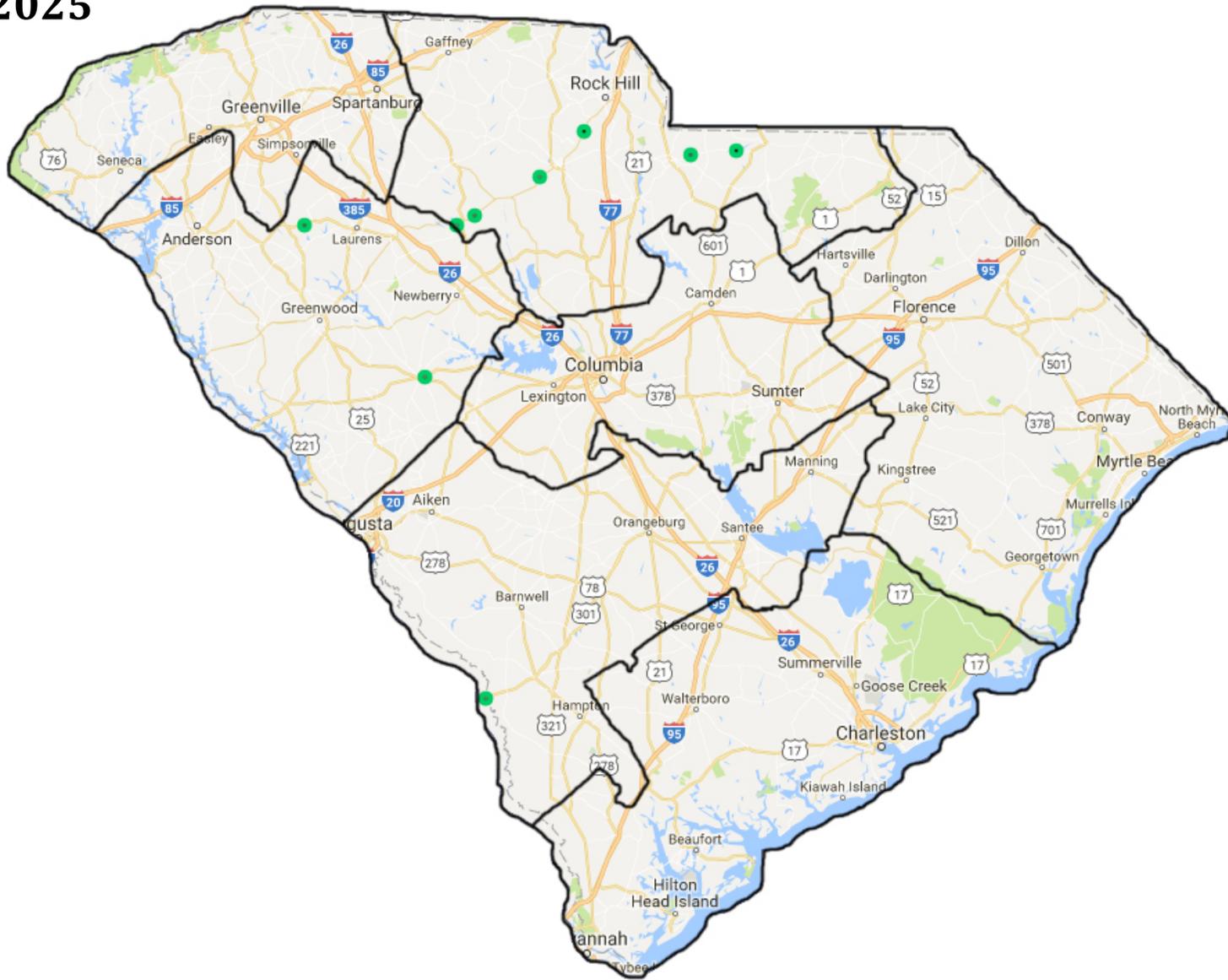
★ I-26 Widening & Interchange Improvement – Near I-526 to Near Port Access Road (Design Build)



2025

Bridge Projects (9)

12/7/2016



County	Project Name
Allendale	US 301 over Savannah River
Chester	SC 72 over South Fork Creek
Chester	SC 72 over Bear Creek
Lancaster	SC 9 over Gills Creek
Lancaster	SC 9 over Wildcat Creek
Laurens	US 76 over Reedy River
Newberry	SC 72 over CSX Railroad
Saluda	US 378 over Little Saluda River
Union	SC 72 over Tyger River



Turnkey Consultant Project Timeline

Advertisement #1 - 1/3/2017

RFPs Due - 1/30/2017

All Selections By - 2/24/2017

- SC 421 over Little Horse Creek (Aiken)
- US 301 over South Edisto River (Bamberg)
- US 521 over Big Pine Tree Creek (Kershaw)
- US 301 NB over Snake Swamp (Orangeburg)
- **I-526 Widening & Interchange Improvements from Near Rivers Avenue (Exit 18) to Near US 17 (Exit 30) (Berkeley/Charleston)**
- **I-26 Pavement Reconstruction MM 149-172 (Dorchester/Orangeburg)**

Jan
2017

Bridge Contracts

Interstate Contracts

On Call Contracts



Advertisement #2 - 2/27/2017

RFPs Due - 3/27/2017

All Selections By - 4/21/2017

- I-20 EB/WB over S-980 and Abandoned RR, I-20 WB over SC 19, I-20 WB over S. Edisto River, & I-20 WB over Abandoned RR (Aiken)
- Roadway On-Call (Statewide)
- Bridge On-Call (Statewide)
- Design-Build Prep On-Call (Statewide)
- Transportation Alternatives On-Call (Statewide)

Feb
2017

Bridge Contracts

Interstate Contracts

On Call Contracts



Advertisement #3 - 4/24/2017

RFPs Due - 5/22/2017

All Selections By - 6/16/2017

- US 76 over US 601 & US 601 over Colonels Creek (Richland)
- US 378 over Twelve Mile Creek (Lexington)
- I-95 SB over Bagshaw Swamp & I-95 SB over SC 46 (Jasper)
- US 1 over SCL RR (Kershaw)
- US 76 Byp over US 76 Bus & US 76 Byp over US 15 (Sumter)
- **I-26 Widening from Near SC 27 (Exit 187) to Near Jedburg Road (Exit 194) (Berkeley)**



April
2017

Bridge Contracts

Interstate Contracts

On Call Contracts

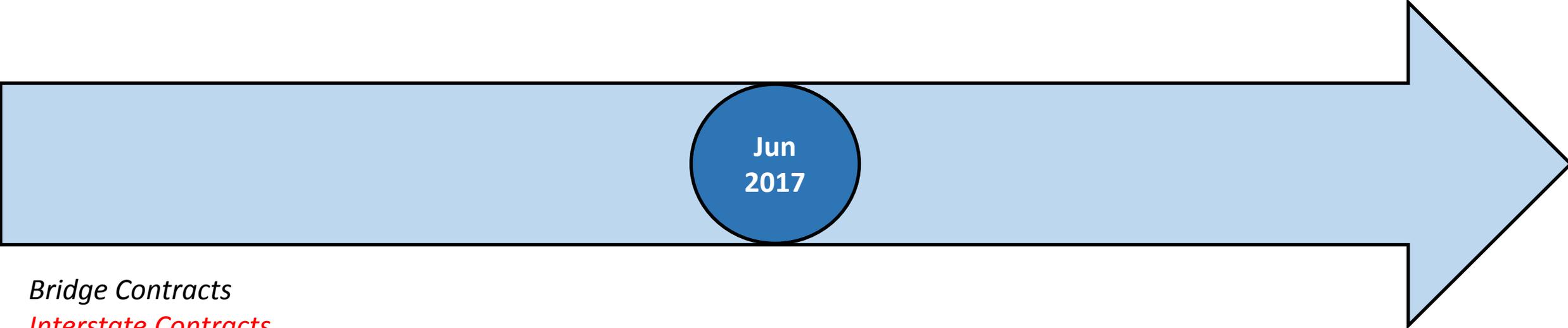


Advertisement #4 - 6/19/2017

RFPs Due - 7/17/2017

All Selections By - 8/11/2017

- US 278 EB over Mackay Creek (Beaufort)
- US 21 over Southern & SCL RR (Richland)
- I-26 Widening from Near US 176 (Exit 15) to Near SC 296 (Exit 22) (Spartanburg)



Jun
2017

Bridge Contracts

Interstate Contracts

On Call Contracts

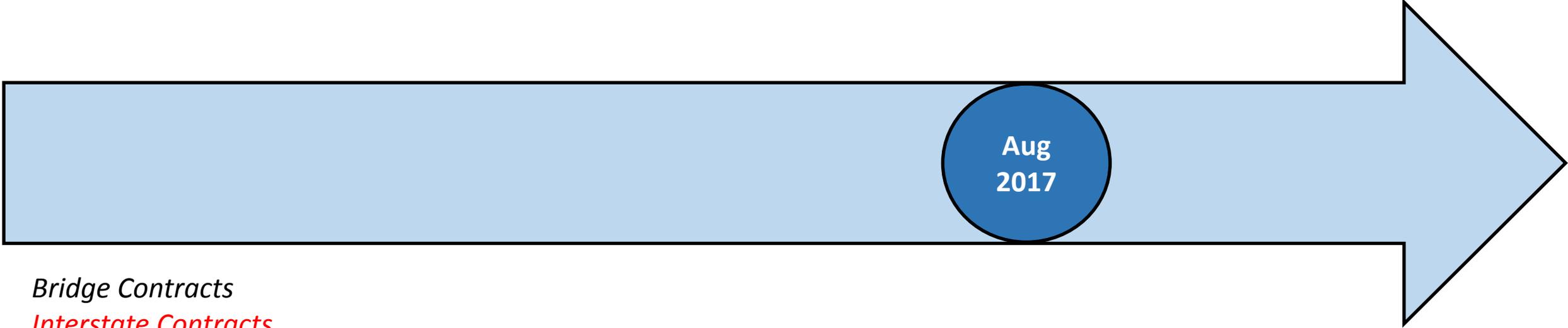


Advertisement #5 - 8/14/2017

RFPs Due - 9/11/2017

All Selections By - 10/6/2017

- I-126 over SCL RR (Richland)
- US 1 over Shaws Creek & US 1 over Big Horse Creek (Aiken)



Aug
2017

Bridge Contracts

Interstate Contracts

On Call Contracts



Turnkey Consultant Project Timeline

12/7/2016

Advertisement #6 - 10/9/2017

RFPs Due - 11/6/2017

All Selections By - 12/8/2017

- US 76 WB over Wateree River (Sumter)
- US 176 over SCL RR (Richland)
- SC 72 over CSX RR (Newberry)



Oct
2017

Bridge Contracts

Interstate Contracts

On Call Contracts





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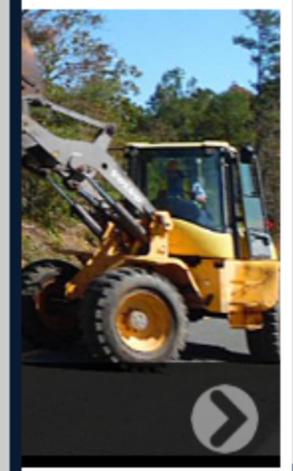
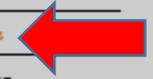
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- Work Release
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- Structural Design
- Traffic Engineering Manuals

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Consultants/Professional Services

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- [e-Teams Extranet](#)
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PLANNED PROJECT UPDATE

12/7/2016

Browser window showing: <http://info.scdot.org/SCDOTProfessionalServ/SiteP> | SCDOT Intranet | SCDOT-Professional Services

Advanced Search

Tentative Advertisement Date	Type	County	Project
1/3/2017	Design Services	Aiken	SC 421 over Little Horse Creek
1/3/2017	Design Services	Bamberg	US 301 over South Edisto River
1/3/2017	Design Services	Kershaw	US 521 over Big Pine Tree Creek
1/3/2017	Design Services	Orangeburg	US 301 NB over Snake Swamp
1/3/2017	Design Services	Berkeley / Charleston	I-526 Widening & Interchange Improvements (Exit 18 to Exit 30)
1/3/2017	Design Services	Dorchester / Orangeburg	I-26 Pavement Reconstruction Near MM 149 to Near MM 172
2/27/2017	Design Services	Aiken	I-20 EB/WB over S-980 & Abandoned Railroad; I-20 WB over SC 19; I-20 WB over South Edisto River; I-20 WB over Abandoned Railroad
2/27/2017	On-Call Design Services	Statewide	Roadway On-Call Design Services
2/27/2017	On-Call Design Services	Statewide	Bridge On-Call Design Services
2/27/2017	On-Call Design Services	Statewide	Design-Build Prep On-Call Design Services
2/27/2017	On-Call Design Services	Statewide	Transportation Alternatives On-Call Design Services

Monthly Reports

Open Professional Services Contracts

[Solicitation Summary - 12/1/2016](#)

[Detail - By Firm & Contract - 12/1/2016](#)

What's Remaining?

- ***ACT 275 is a good start in addressing the transportation needs in South Carolina and we thank the legislature for their action***
- ***Additional resources are still needed to bring the transportation system into an acceptable level***
 - ***There remains significant congestion on the interstate system***
 - ***Approximately 400 (5%) structurally deficient bridges remain***
 - ***Continued pavement improvement is needed across all systems***



CALL TO ACTION:

- ***It will take a true team effort to deliver these programs (WE NEED YOUR HELP!!!!!!)***
 - ***Consultants***
 - ***Contractors***
 - ***Suppliers/Vendors***
 - ***Regulatory/Resource Agencies***
 - ***Utilities***

- ***Communication of Program Plans***

- ***Communication of continued transportation infrastructure needs***





Questions?