



BERKELEY-CHARLESTON-DORCHESTER  
COUNCIL OF GOVERNMENTS

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BERKELEY-CHARLESTON-DORCHESTER COUNCIL OF GOVERNMENTS  
**RURAL TRANSPORTATION STUDY TEAM**

September 9, 2020  
10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/83463635344?pwd=RjhKSmmM1Z3J1UldmTzlvQ3I5MXJZUT09>

Call in

929-205-6099

Meeting ID: 834 6363 5344

**AGENDA**

- I. Call to Order
  - a) Invocation/Pledge of Allegiance/Announcement of Proxies
  
- II. 2021-2027 Rural Transportation Improvement Program proposed update
  
- III. General Public Comment
  
- IV. Chairman's Time
  
- V. Adjournment

**PLANNING, PARTNERSHIP & PROSPERITY**

5790 CASPER PADGETT WAY • NORTH CHARLESTON, SC 29406 • TEL 843.529.0400

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## MEMORANDUM

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**TO:** BCDCOG RURAL STUDY TEAM MEMBERS  
**FROM:** RON MITCHUM, EXECUTIVE DIRECTOR  
**SUBJECT:** BCDCOG FY2021-2027 RURAL TRANSPORTATION INVESTMENT PLAN (RTIP) UPDATE  
**DATE:** 9/2/2020

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Attached for your review and consideration is a draft update of the Rural Transportation Improvement Program (RTIP) for Fiscal Years 2021-2027. The major impetus for this update is to align the FY2021-2027 RTIP period with that of the new FY2021-2027 Statewide Transportation Improvement (STIP) window as required by 23 CFR 450.220. The new 7-year STIP window has been adjusted to align with the current state Transportation Asset Management Plan (TAMP), which is effective through 2027.

This update to the RTIP primarily (1) advances programmed projects from the prior RTIP plan period to the current 2021-2027 timeframe, (2) removes completed or cancelled projects, and (3) adds five (5) new projects for implementation. The following new projects evaluated, prioritized and adopted within the fiscally-constrained BCD 2040 Rural Long-Range Transportation Plan (RLRTP) (see Attachment B) are recommended for programming/inclusion within fiscal constraints of the RTIP through FY2027.

### Guideshare Projects Proposed for Addition

1. US 17 @ SC 165 & US 17 @ New Rd – Intersection Improvement Project (Traffic Control/Bike & Pedestrian) for a total of \$3,717,000.
2. US 52 @ SC 402 – Intersection Improvement Project for a total cost of \$542,000.
3. SC 165 – Hollywood Town Limit to Town Council Rd (Bike/Pedestrian) for a total cost of \$3,050,000.
4. SC 162 @ SC 165 & SC 162 @ Gibson Rd – Intersection Improvement Project (Traffic Control/Bike & Pedestrian) for a total of \$2,169,000.
5. SC 27 @ S. Railroad Ave – Intersection Improvement Project for a total of \$1,658,000.

Based on discussion by the Rural Study Team, this RTIP will be advertised for public review and forwarded to the BCDCOG Board of Directors for adoption, then submitted to SCDOT.

**BCDCOG RURAL TRANSPORTATION FINANCIAL STATEMENT (Cost in Thousands)**

PIN #	Guideshare Projects	FY 2020	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	Total Project Cost	FUNDING
1 Cost-Share	US 78 Phase IIA (US 178 to SC-27S) (US 178 to Ridgeville Rd)		\$797 \$8,510 \$7,950 \$220										\$17,477	BCDCOG Rural Guideshare BCDCOG Rural Guideshare TIGER Funding Dorchester Co. Sales Tax
	US 78 Phase IIB (SC-27S to S-18-22) (Ridgeville Rd to Orangeburg Road)	\$2,948 R \$6,329 AC \$5,300 C \$861 R \$4,871 C	\$2,948 \$5,300 \$861 \$4,871		\$6,329 ACC						\$6,329		\$20,309	BCDCOG Rural Guideshare BCDCOG Rural Guideshare TIGER Funding Dorchester Co. Sales Tax Dorchester Co. Sales Tax
2 Cost-Share	INTERSECTION IMPROVEMENT - US 17A @ SC 6 US 17 A (Phase III) (Widen to 5 Lanes from S-9 to Near SC 6 in Moncks Corner)		\$1,191 \$3,401										\$1,191 \$3,401	BCDCOG Rural Guideshare BCDCOG Rural Guideshare
New	RLRTP #1, #2, #3				\$50 PL	\$389 PE	\$250 R	\$2,000 C	\$1,028 C		\$3,717		\$3,717	BCDCOG Rural Guideshare
New	RLRTP #5				\$30 PL	\$50 PE	\$462 C				\$542		\$542	BCDCOG Rural Guideshare
New	RLRTP #7, #12					\$250 PE	\$850 R		\$1,000 C	\$950 C	\$3,050		\$3,050	BCDCOG Rural Guideshare
New	RLRTP #8, #9, #14				\$50 PL	\$200 PE	\$200 R	\$1,719 C			\$2,169		\$2,169	BCDCOG Rural Guideshare
New	RLRTP #10					\$50 FR	\$170 PE		\$200 R	\$1,238 C	\$1,658		\$1,658	BCDCOG Rural Guideshare
<b>GUIDESHARE PROJECT SUBTOTALS</b>		\$2,948	\$16,847	\$0	\$6,459	\$939	\$1,932	\$3,719	\$2,228	\$2,188	\$17,465		\$53,514	
<b>GUIDESHARE ALLOCATION</b>		\$2,181		\$2,181	\$2,181	\$2,181	\$2,181	\$2,181	\$2,181	\$2,181				
<b>CARRYOVER AVAILABLE</b>		\$2,962		\$2,195	\$4,377	\$99	\$1,341	\$1,591	\$53	\$6				
<b>BOND PROCEEDS</b>		\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0				
<b>GUIDESHARE BALANCE</b>		\$2,195 *		\$4,377 *	\$99	\$1,341	\$1,591	\$53	\$6	\$0				

\* Guideshare Balance from FY 2020 -2021 applied to AC Conversion (ACC) programmed in FY2022

PROJECTS EXEMPT FROM GUIDESHARE														
Bridge Replacement & Rehab Projects														
	US 78 @ Four Hole Swamp (Replacement)		\$11,175										\$11,175	Bridge Program
	SC 174 @ Store Creek (Replacement)		\$4,771										\$4,771	Bridge Program
	SC 174 @ Sand Creek (Replacement)		\$7,160										\$7,160	Bridge Program
	SC 174 @ Russell Creek (Replacement)		\$11,000										\$11,000	Bridge Program
	SC 165 Caw Caw Swamp No. 1 (Replacement)		\$5,647										\$5,647	Bridge Program
	SC 165 Caw Caw Swamp No. 2 (Replacement)		\$5,260										\$5,260	Bridge Program
	SC 165 Caw Caw Swamp No. 3 (Replacement)		\$5,221										\$5,221	Bridge Program
P027127	US 176 @ Dean Swamp		\$16,094										\$16,094	Bridge Program
P037127	US 15 over Indian Field Swamp	\$6,901 C	\$7,806										\$7,806	Bridge Program
Statewide Safety Program														
	US 17A & S-48 (Bethera Rd) & S-97 (Cane Gully Rd) & S-40 (Harristown Rd)		\$1,100										\$1,100	Statewide Safety Program
P039388	US 176 (State Rd)/S-135 (Mudville Rd) - Intersection Safety Improvement	\$250 PE	\$250		\$100 R	\$2,000 C					\$2,100		\$2,350	Statewide Safety Program
Section/Corridor Improvements - Statewide Safety Program (2015 Commission Approved)														
	I-26 Clear Zone Improvements from near MM 180 to near MM 221	\$5,000 C	\$5,400										\$5,400	HSIP
P029757	I-26 Cable Guardrail Improvements from near MM 168 to MM 199 (Phase II)		\$10,000										\$10,000	HSIP
Interstate Safety Improvements														
	I-26 New Interchange (Near MM 189)		\$35,000										\$35,000	SC Dept of Commerce
	I-26 Widening from near SC 27 (Exit 187) to near Jedburg Rd (Exit 194)		\$645										\$645	SIB
			\$6,355	\$4,000 R							\$4,000		\$10,355	Interstate Program (NHPP)
				\$10,000 C							\$10,000		\$10,000	Interstate Program (NHPP)
				\$140,292 AC	\$46,764 ACC	\$46,764 ACC	\$46,764 ACC				\$140,292		\$140,292	Interstate Program (NHPP)
	I-26 Widening Exit 169 (I 95) to Exit 187 (Ridgeville Road)		\$1,000										\$1,000	Interstate Program (NHPP)
	Interstate Preservation & Construction - I-26 (MM 149-MM172)	\$75,000 C	\$77,000										\$77,000	Interstate Program (NHPP)
<b>PROJECTS EXEMPT FROM GUIDESHARE SUBTOTAL*</b>		\$87,151	\$211,884	\$14,000	\$46,864	\$48,764	\$46,764				\$156,392		\$368,276	

\*Does not include STIP-Referenced Projects

**BCDCOG RURAL TRANSPORTATION FINANCIAL STATEMENT (Cost in Thousands)**

PIN #	Guideshare Projects	FY 2020	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	Total Project Cost	FUNDING
<b>FEDERAL TRANSIT ADMINISTRATION</b>														
	<b>BERKELEY CITIZENS</b>													
	Purchase of Service		\$218										\$218	FTA Section 5310
	Capital		\$60										\$60	FTA Section 5310
	Vehicle Acquisition		\$90										\$90	FTA Section 5310
	<b>ENHANCED MOBILITY</b>													
	BCDCOG - Mobility Management		\$67										\$67	FTA Section 5310
	BCD RTMA - Operations		\$126										\$126	FTA Section 5310
	<b>TRI-COUNTY LINK (BCD RTMA)</b>													
	Administration, Operating, & Capital	\$1,066 OP	\$6,024										\$6,024	FTA Section 5311 - Federal
		\$219 OP	\$219										\$219	FTA Section 5311 - SMTF
	<b>FTA FUNDED PROJECTS SUBTOTAL</b>		<b>\$6,804</b>										<b>\$6,804</b>	
<b>TRANSPORTATION ALTERNATIVE PROJECTS</b>														
P28051900719	McClellanville Bicycle Pedestrian Connection - Pinckney St/Old Cemetery/Kitt Hall Rd		\$400										\$900	STBG
			\$100											2019 RTP
			\$400											Match - Local/County
	<b>Wambaw Cycle Trail</b>													
P28051900919	Enhancement Project		\$40										\$138	2019 RTP
P28052001820	Enhancement Project	\$70 C	\$70											2020 RTP
		\$17.5 C	\$28											Match - Local/County
P28051700517	Courthouse Park Recreation Trail		\$100										\$125	2017 RTP
			\$25											Match - Local/County
	<b>TA PROJECTS SUBTOTAL</b>	<b>\$88</b>	<b>\$1,163</b>								<b>\$0</b>		<b>\$1,163</b>	
	<b>TIP GRAND TOTAL</b>	<b>\$107,547</b>	<b>\$236,697</b>	<b>\$14,000</b>	<b>\$53,323</b>	<b>\$49,703</b>	<b>\$48,696</b>	<b>\$3,719</b>	<b>\$2,228</b>	<b>\$2,188</b>	<b>\$173,857</b>		<b>\$429,756</b>	

KEY: PE - Preliminary Engineering R - Right of Way C - Construction VA - Vehicle Acquisition OP - Operating Expenses CA - Capital Expenses PS - Purchase of Service PL - Planning RTP - Recreation Trails Program SIB - State Infrastructure Bank

<sup>1</sup> AC (Advanced Construction) reflects the use of state funds to initiate a project. Represents the commitment of state funds to satisfy the programming levels exceeding available federal funding in a given year.

<sup>2</sup> AC Conversion (Advanced Construction Conversion) reflects the conversion of state funds to federal funds in the future.

**2040 RURAL LONG RANGE TRANSPORTATION PLAN (RLRTP)**

Fiscally-Constrained Projects

#	Project ID	Facility	Improvement Category	Potential Improvement(s)	Delimits	Location	Length (Miles)	Weighted Score	Project Ranking	Estimated Cost (2020 \$)	Cost Estimate (YOE \$)
1	C-18	US-17 & SC-165	Safety	Implement Left Phasing; Upgrade Striping	-	Ravenel	-	9.291	1	\$ 1,280,000	\$ 1,608,960
2	C-30	US-17 & SC-165	Bike-Ped	Provide Sidewalk Provide Crosswalk	-	Ravenel	-	8.722	2	\$ 128,000	\$ 160,896
3	C-20	US-17 & New Road	Safety	Add Islands	-	Ravenel	-	8.691	3	\$ 1,280,000	\$ 1,608,960
4	C-07	SC-162	Pavement	Resurfacing	US-17 to SC-174	Hollywood	13.30	8.676	4	\$ 6,384,608	\$ 8,025,452
5	B-05	US-52 & SC-402	Safety; Capacity	Implement Left Phasing; Improve Line-of-Sight; Upgrade Striping; Add Right Lane	-	Unincorporated	-	8.115	5	\$ 391,923	\$ 492,647
6	D-12	SC-173 (Myers Mayo Road)	Pavement	Resurfacing	County Line to SC-27	Unincorporated	2.93	8.023	6	\$ 1,922,425	\$ 2,416,489
7	C-26	SC-165	Bike-Ped	Provide Bike Lane	(Town Limits)	Hollywood	1.88	7.629	7	\$ 1,715,988	\$ 2,156,998
8	C-12	SC-162 & Gibson Road	Capacity	Add Left Turn Lanes	-	Hollywood	-	7.514	8	\$ 427,421	\$ 537,268
9	C-16	SC-165 & SC-162	Safety	Implement Left Phasing; Upgrade Striping	-	Hollywood	-	7.266	9	\$ 1,280,000	\$ 1,608,960
10	D-22	SC-27 & S. Railroad Avenue	Safety	Increase Turning Radius	-	Ridgeville	-	7.185	10	\$ 1,475,968	\$ 1,855,292
11	C-14	SC-162 & Dixie Plantation Road/Bryan Road	Safety	Redesign	-	Hollywood	-	7.025	11	\$ 2,762,500	\$ 3,472,463
12	C-27	SC-165	Bike-Ped	Implement Multi-Use Path	SC-162 to Town Council Road	Hollywood	0.30	6.963	12	\$ 489,758	\$ 615,626
13	C-23	US-17 & Parkers Ferry Road	Safety	Improve Line-of-Sight	-	Unincorporated	-	6.826	13	\$ 2,745,000	\$ 3,450,465
14	C-28	SC-165 & SC-162	Bike-Ped	Provide Sidewalk Provide Crosswalk	-	Hollywood	-	6.822	14	\$ 128,000	\$ 160,896
15	C-29	SC-165	Bike-Ped	Implement Multi-Use Path	Town Council Road to Meggett Quail Ro	Hollywood/Meggett	1.11	6.794	15	\$ 3,008,875	\$ 3,782,156
16	B-04	US-176 & Mudville Road	Safety	Improve Geometry; Install Caution Light	-	Unincorporated	-	6.663	16	\$ 1,398,382	\$ 1,757,766
17	C-10	US-17 & Pinckney Street	Traffic Control	Install Traffic Signal	-	McClellanville	-	6.643	17	\$ 293,874	\$ 369,399

Project Category

- Roadway
- Intersection
- Bike-Ped