

**CHARLESTON AREA TRANSPORTATION STUDY  
(CHATS) STUDY TEAM MEETING**

**January 4, 2024**

**10:00 am**

**Barrett Lawrimore Conference Room**

**5790 Casper Padgett Way**

**North Charleston, SC 29406**

**AGENDA**

- a) Call to Order / Announcement of Proxies
- b) CHATS TIP Amendments (Action required) – Sarah Cox
  - 1. Greenridge & Rivers Ave (Segment Improvements)
  - 2. SC-61 (Ashley River Rd) (MP 8.41-12) Section/Corridor Improvement
  - 3. US-17 (Septima Clark Pkwy) (MP 30-31) Section/Corridor Improvement
  - 4. US-17 (Savannah Hwy) (MP 20-26) Section/Corridor Improvement
  - 5. SC-642 (Dorchester Rd) (MP 0-8.03) Section/Corridor Improvement
  - 6. SC-171 (Folly Rd) (MP 3-8) Section/Corridor Improvement
  - 7. BCDCOG Comprehensive Safety Action Plan (SS4A Grant)
  - 8. Tri-County Link (TCL) On-Demand Rural Transit Development Plan (FTA AoPP Grant)
- c) CHATS TIP Corrections (Information Only) – Sarah Cox
  - 1. CHATS Regional Freight Plan
  - 2. Bike/Pedestrian & Safety
  - 3. Guideshare Advancement and Advanced Payment Adjustment
  - 4. CHATS Annual Guideshare Allocation
  - 5. S-76 (Ladson Rd) & S-2421 (College Park Rd) Intersection Improvements
  - 6. Red Bank Road (S-29) from Eagle Rd to near Garwood Rd Section/Corridor Improvement
- d) CHATS FY 2024-2033 TIP Draft Update (Action required) – Sarah Cox
- e) Long-Range Transportation Plan (LRTP) Amendment (Action required) – Sarah Cox
- f) SCDOT District Update
- g) Other Business
- h) General Public Comment
- i) Adjourn



## POLICY COMMITTEE

# MEMORANDUM

**Date:** January 4, 2024  
**To:** CHATS Study Team  
**From:** Ron Mitchum, Executive Director  
**Subject:** FY 2021-2027 TIP Amendment

Attached for your review and consideration are amendments to the CHATS Transportation Improvement Program (TIP). Upon recommendation by the Study Team, these adjustments will be advertised for public review in advance of Policy Committee action at its next meeting.

### **CHATS TIP Amendments**

#### Guideshare Projects

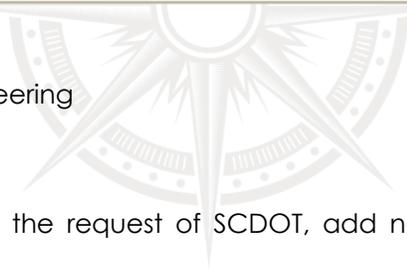
1. Greenridge & Rivers Ave (Segment improvements from Otranto Rd to Greenridge Rd) – At the request of project staff in consultation with SCDOT, increase programming in FY 2024 by \$200,000 to \$250,000. Adjustment informed by scope refinement to complete project Feasibility Report (FR) planning activities.
  - Increase CHATS Guideshare funds programmed in FY 2024 by \$200,000 from \$50,000 to \$250,000 (PL) for planning activities

#### Projects Exempt from Guideshare

1. SC-61 (Ashley River Rd) (MP 8.41-12) Section/Corridor Improvement – At the request of SCDOT, add new safety improvement project for a total of \$7,351,000.
  - Add \$350,000 (PE) HSIP funds in FY 2024 for preliminary engineering
  - Add \$1,000 (R) HSIP funds in FY 2025 for right-of-way
  - Add \$7,000,000 (C) HSIP funds in FY 2026 for construction
2. US-17 (Septima Clark Pkwy) (MP 30-31) Section/Corridor Improvement – At the request of SCDOT, add new safety improvement project for a total of \$2,801,000.
  - Add \$300,000 (PE) HSIP funds in FY 2024 for preliminary engineering
  - Add \$1,000 (R) HSIP funds in FY 2025 for right-of-way
  - Add \$2,500,000 (C) HSIP funds in FY 2026 for construction
3. US-17 (Savannah Highway) (MP 20-26) Section/Corridor Improvement – At the request of SCDOT, add new safety improvement project for a total of \$5,351,000.
  - Add \$350,000 (PE) HSIP funds in FY 2024 for preliminary engineering
  - Add \$1,000 (R) HSIP funds in FY 2025 for right-of-way
  - Add \$5,000,000 (C) HSIP funds in FY 2026 for construction
4. SC-642 (Dorchester Rd) (MP 0-8.03) Section/Corridor Improvement – At the request of SCDOT, add new safety improvement project for a total of \$12,351,000.

# MEMORANDUM

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- Add \$350,000 (PE) HSIP funds in FY 2024 for preliminary engineering
  - Add \$1,000 (R) HSIP funds in FY 2025 for right-of-way
  - Add \$12,000,000 (C) HSIP funds in FY 2026 for construction
5. SC-171 (Folly Rd) (MP 3-8) Section/Corridor Improvement – At the request of SCDOT, add new safety improvement project for a total of \$8,351,000.
- Add \$350,000 (PE) HSIP funds in FY 2024 for preliminary engineering
  - Add \$1,000 (R) HSIP funds in FY 2025 for right-of-way
  - Add \$8,000,000 (C) HSIP funds in FY 2026 for construction
6. BCDCOG Comprehensive Safety Action Plan – Add new project for FY 2023 Safe Streets & Roads for All (SS4A) Grant awarded to BCDCOG to develop a comprehensive safety action plan for a total of \$453,200.
- Add \$362,560 (PL) SS4A federal funds and \$90,640 (PL) local funds in FY 2024 for planning activities

## Federal Transit Administration

1. Tri-County Link (TCL) On-Demand Rural Transit Development Plan – Add new project for the FTA's Areas of Persistent Poverty (AoPP) Grant (FY 2023) awarded to BCDCOG to develop the Tri-County Link (TCL) On-Demand Rural Transit Development Plan for a total of \$380,000 for planning activities.
- Add \$342,000 (PL) FTA federal funds and \$38,000 (PL) local match funds in FY 2024 for planning activities

The following corrections are being made to the CHATS Transportation Improvement Program (TIP). No action is required on the part of the Study Team and Policy Committee, but is provided as information. Corrections will be communicated to SCDOT separately for inclusion in the Statewide Transportation Improvement Program (STIP).

## **CHATS TIP Corrections**

### Guideshare Projects

1. Regional Freight Plan for CHATS – Update to historical programming to reflect final expenditure incurred on project.
  - Adjust CHATS Guideshare funds programmed in prior year (FY 2020) from \$300,000 to \$241,190
  - Adjust local funds programmed in prior year (FY 2020) from \$75,000 to \$60,298
2. Bike/Pedestrian & Safety – Update to historical programming to reflect final expenditure incurred on project.
  - Adjust CHATS Guideshare funds programmed in FY 2021 from \$311,200 to \$25,814.27
  - Adjust local funds programmed in FY 2021 from \$77,800 to \$6,453.57
3. Guideshare Advancement and Advanced Payback Adjustment – Remove CHATS Guideshare Advancements of \$6,018,000 and \$8,459,000 in FY 2025 and FY 2026 respectively, and remove corresponding \$14,477,000 in Guideshare Advanced Payback in FY 2027.

# MEMORANDUM

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4. Annual Guideshare Allocation – Increase CHATS annual guideshare allocations for FY 2023 through FY 2027 as approved by the SCDOT Commission as follows:
- Increase FY 2023 annual allocation from \$21,726,983 to \$ 24,427,686
  - Increase FY 2024 annual allocation from \$21,726,983 to \$28,971,698
  - Increase FY 2025-2027 allocations from \$21,726,983 to \$ 33,515,710 annually

## Projects Exempt from Guideshare

1. S-76 (Ladson Rd) & S-2421 (College Park Rd) Intersection Improvements – At the request of SCDOT, shift/move funds programmed for construction from FY 2023 to FY 2024.
  - Shift/move \$500,000 (C) HSIP funds programmed for construction from FY 2023 to FY 2024
2. Red Bank Road (S-29) from Eagle Rd to near Garwood Rd – At the request of SCDOT, reduce funds programmed for right-of-way and shift/move right-of-way programming from FY 2021 to FY 2024.
  - Reduce HSIP funds programmed for right-of-way from \$100,000 to \$1,000 and shift/move from FY 2021 to FY 2024

**CHATS FINANCIAL STATEMENT** (Cost in Thousands)

PIN #	GUIDESHARE PROJECTS	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
P0023349	Berlin Myers Pkwy - Phase III SC 165 to US 17A	9,968 8,420 - -	1,600 PE	7,533 C 3,032 C 53,076 AC 10,000 C 20,000 C	13,269 ACC	13,269 ACC	13,269 ACC	13,269 ACC		\$62,209 \$3,032 \$1,000 \$35,000 \$30,000		\$149,629	CHATS Guideshare CRRSAA Funds CHATS Guideshare Dorchester Co. Sales Tax SC Transportation Infrastructure Bank
P032003	US 78 - Phase 3 (West of Old Orangeburg Rd to Berlin Myers Pkwy) US 78 - Phase 3A* West of Old Orangeburg Rd (CHATS boundary) to North Maple St	1,300 1,300 - -			884 PE 12,500 R 2,850 R	550 PE	274 PE 33,555 C 4,557 C			\$1,708 \$46,055 \$2,850 \$4,557		\$57,770	SCDOT Federal Match Program Dorchester Co. Sales Tax Dorchester Co. Sales Tax SC Transportation Infrastructure Bank CHATS Guideshare
P032003	US 78 - Phase 3B* North Maple St to Berlin Myers Pkwy  *Project sub-phases 3A and 3B are not independent projects but reference the single US 78 Phase 3 project evaluated and approved under NEPA	750 - -				700 PE 400 PE	20,600 R		11,200 C	\$700 \$400 \$20,600 \$11,200	\$11,500	\$45,150	Dorchester Co. Sales Tax SC Transportation Infrastructure Bank Dorchester Co. Sales Tax Dorchester Co. Sales Tax
0039390 0039390RD01	Clements Ferry Rd - Phase I I-526 to Jack Primus Rd Context- Sensitive capacity improvement	285 21,215 23,170										\$44,670	BERKELEY COUNTY - LOCALLY FUNDED TRANSPORTATION SALES TAX PROJECT CHATS Guideshare
P029503	Clements Ferry Rd - Phase II  (Jack Primus to SC 41)	2,000 48,750 -	14,781 ACC		3,219 ACC					\$18,000		\$68,750	CHATS Guideshare Berkeley Co. Sales Tax STBG
0037000	Folly Rd at Camp Rd Intersection Improvements Eugene Gibbs St and Rivers Point Row on Folly Rd and from W. Madison Ave to Oyster Point Row on Camp Rd	3,884 11,565 2,890										\$18,339	Charleston Co. Sales Tax CHATS Guideshare SCDOT Federal Match Program - 50%
P030612	Billy Swails Boulevard Phase 4B Six Mile to Hamlin Rd	40 10			3,408 R 852 R		7,486 C 3,394 C			\$15,140		\$15,190	CHATS Guideshare Town of Mt Pleasant CHATS Guideshare Town of Mt Pleasant
P039975	Congestion Management	239 21	14 PL 3 PL	43 PL 11 PL	120 PL 30 PL	31 PL 8 PL	25 PL 6 PL	25 PL 6 PL	25 PL 6 PL	\$282 \$71		\$613	STBG Local Match
P039977	Long Range Plan	376 73	8 PL 2 PL	30 PL 8 PL	200 PL 50 PL	95 PL 24 PL	25 PL 6 PL	25 PL 6 PL	25 PL 6 PL	\$407 \$102		\$958	STBG Local Match
LRTP #1	Montague Ave (Capacity) International Blvd to I-26 Interchange	-				40 PL	1,440 PE	11,098 C		\$12,578		\$12,578	CHATS Guideshare
LRTP #3	North Rhett Ave (Capacity) I-526 Interchange to Yeamans Hall Rd	-				60 PL				\$60		\$60	CHATS Guideshare
LRTP #4	US-17A / North Main Street (Corridor Study) I-26 Interchange to Berlin G. Myers Pkwy	-				200 PL	4,000 C			\$4,200		\$4,200	CHATS Guideshare
LRTP #5	US-17 @ Long Point Rd (Intersection Improvement)	-				35 PL	450 PE	1,000 R	3,000 C	\$4,485		\$4,485	CHATS Guideshare
LRTP #6	US-17 @ Anna Knapp Blvd (Intersection Improvement)	-		25 PL		600 PE	1,000 R	4,000 C		\$5,625		\$5,625	CHATS Guideshare
LRTP #7	US-17A/S Main Street (Access Management) Carolina St to US-78	-				60 PL	4,000 C			\$4,060		\$4,060	CHATS Guideshare

PIN #	GUIDESHARE PROJECTS	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
P037307	Regional Transit Framework Plan Maintenance & Implementation	294 74		3 PL 1 PL	50 PL 12 PL	48 PL 12 PL	48 PL 12 PL	25 PL 6 PL	25 PL 6 PL	\$199 \$49		\$616	STBG Local Match
P039979	Regional Bike/Ped Plan Maintenance & Implementation	-	25 PL 6 PL	39 PL 10 PL	25 PL 6 PL	36 PL 9 PL	25 PL 6 PL	25 PL 6 PL	25 PL 6 PL	\$199 \$49		\$248	STBG Local Match
-	Regional Freight Plan for CHATS	441 110			50 PL 12 PL	50 PL 12 PL	25 PL 6 PL	25 PL 6 PL	25 PL 6 PL	\$174 \$43		\$768	CHATS Guideshare Match
P037428	Bike/Pedestrian & Safety	-	26 PL 6 PL	17 PL 4 PL	30 PL 8 PL	44 PL 11 PL	30 PL 8 PL	30 PL 8 PL	30 PL 8 PL	\$207 \$54		\$260	CHATS Guideshare Match
P037427	Regional Intelligent Transportation System (ITS) Plan	-	300 PL 76 PL	50 PL 13 PL	50 PL 13 PL	50 PL 13 PL	50 PL 13 PL	50 PL 13 PL	50 PL 13 PL	\$600 \$154		\$754	CHATS Guideshare Match
	Transit Related Improvements (LRTP set aside)	-				5,000	2,500	2,500	2,500	\$12,500		\$12,500	CHATS Guideshare
P037429	Corridor Study US 52 (Between Goose Creek and Moncks Corner)	750 188										\$938	CHATS Guideshare Match
-	Complete Streets Funding	2,350				5,876	1,000	1,000	1,000	\$8,876		\$11,226	STBG
0040031	Coleman Blvd Revitalization (Complete Streets)	10,238 2,500										\$12,738	Town of Mt Pleasant STBG
P027883	Moncks Corner Signal Improvements (Complete Streets)	120 -	930 C							\$930		\$1,050	STBG STBG
P028937 P030592	Daniel Island Area Improvements - St. Thomas Island/Clements Ferry TAP (Beresford Creek Crossing boardwalk and trail construction)	-				200 C				\$200		\$200	STBG
-	Folly Rd Complete Streets Project	-			687 R	1,693 C 1,500 C				\$687 \$3,193		\$3,880	Local Funds - Charleston County Sales Tax Local Funds - Ch. Co. TST, City of Charleston & TJI STBG
	Maybank Highway Complete Streets/Safety Improvement project	-				2,024 C 506 C				\$2,024 \$506		\$2,530	STBG Charleston County CTC
P040707	Transportation Modeling/Simulation System Improvements	-	250 PL 63 PL			300 PL 76 PL	50 PL 13 PL	50 PL 13 PL	50 PL 13 PL	\$701 \$176		\$877	STBG Match
-	ITS System Implementation	-				4,440 C	1,000 C	1,000 C	1,000 C	\$7,440		\$7,440	CHATS Guideshare
	Dorchester Rd Signal Improvement/TSP Pilot Project (Old Trolley Rd to US 78/Rivers Ave)				410 PE								CHATS Guideshare
	Peninsula Signal Re-time (City of Charleston traffic signal improvement project)					650 C							
Amendment 1/29/2024	L RTP #2 Greenridge & Rivers Ave. (Segment Improvements from Otranto Rd to Greenridge Dr)	-				250 PL	450 PE	300 R	922 C	\$1,922		\$1,922	CHATS Guideshare
	Ashley River Crossing Bike and Pedestrian Bridge	-		3,100 PE 3,950 C 100 C 3,000 C 25,000 C	400 PE 21,875 C 12,500 AC	12,500 ACC				\$3,500 \$3,950 \$100 \$3,000 \$25,000 \$34,375 \$14,000		\$83,925	Local Funding - City of Charleston Local Funding - City of Charleston Local Funding - MUSC Local Funding - Charleston County CTC USDOT 2019 BUILD Grant STBG - TAP Flex + 20% Local Match STBG - TAP Flex + 20% Local Match CHATS Guideshare
-	Regional Park and Ride Development Project	-		14,000 C		6,150 C 250 PE 100 R	1,000 C	1,000 C	1,000 C	\$9,150 \$250 \$100		\$9,500	CHATS Guideshare - FTA Flex Funding* CHATS Guideshare - FTA Flex Funding* CHATS Guideshare - FTA Flex Funding*
-	Transit System Stop and Shelter Design Manual	150 38										\$188	CHATS Guideshare - FTA Flex Funding* Match
-	Tricounty Link/CARTA Computer Aided Dispatch & Automatic Vehicle Locator (CAD/AVL)	1,300										\$1,300	CHATS Guideshare - FTA Flex Funding*
-	Regional Van Pool Program	1,500										\$1,500	CHATS Guideshare - FTA Flex Funding*
	<b>Guideshare Project Costs</b>	<b>\$65,184</b>	18,089	24,818	22,814	50,879	35,014	35,486	9,741	196,841		<b>196,841</b>	
	Debt Service		3,990	922	922	-	-	-	-	5,835			
	*CRRSAA Debt Service Retirement			(1,845)						(1,845)			
	Advanced Payback												
	<b>Guideshare Project Costs Subtotal</b>	<b>22,080</b>	<b>23,895</b>	<b>23,737</b>	<b>50,879</b>	<b>35,014</b>	<b>35,486</b>	<b>9,741</b>	<b>200,832</b>				
Correction 12/29/2023	<b>Projected</b>		19,026	21,727	24,428	28,972	33,516	33,516	33,516	194,700			
	Annual Guideshare Allocation		50,884	47,830	48,693	49,384	27,477	25,979	24,009	50,884			
	Carryover Available			3,032						3,032			
	*CRRSAA Funds												
	Bond Proceeds												
Correction 12/29/2023	Advancement Amount		69,910	72,589	73,121	78,356	60,993	59,495	57,524	248,615			
	<b>Guideshare Allocation Subtotal</b>		<b>47,830</b>	<b>48,693</b>	<b>49,384</b>	<b>27,477</b>	<b>25,979</b>	<b>24,009</b>	<b>47,783</b>				
	<b>BALANCE</b>												

\* Total FY 2021 CRRSAA funds allocated to CHATS \$4,876,369. CHATS approved use of \$1.845 M to retire debt from SCDOT's 27 in 7 Bonding Program and balance of \$3.032 M applied to Berlin G. Myers Phase 3.

PIN #	PROJECTS EXEMPT FROM GUIDESHARE	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
	Bridge Replacement & Rehab Projects												
	I-526 over Cooper River - Berkeley County	16,603										\$16,603	FEDERAL AID BRIDGE PROGRAM
0032098X	SC 41 Bridge Replacement (over Wando River)	55,000										\$55,000	FEDERAL AID BRIDGE PROGRAM
0038226RD01	S-10-379 Noisette Creek - Charleston County	4,300										\$4,300	FEDERAL AID BRIDGE PROGRAM
0039614PE01 0039614RD01	S-10-32 Noisette Creek - Charleston County	7,110										\$7,110	FEDERAL AID BRIDGE PROGRAM
0039672RD01	S-10-20 Tidal Stream (Hoopstick) - Charleston County	2,550										\$2,550	FEDERAL AID BRIDGE PROGRAM
P039922	I-526 Wando River Bridge Deck Overlay		10,250 C							\$10,250		\$10,250	OAF - OTHER ALLOCATED FUNDING
P028721	S-8-791 (Old Hwy 52 ) Over N. Mulberry Creek - Berkeley County	4,929										\$4,929	FEDERAL AID BRIDGE PROGRAM
P037132	Old Pond Rd (S-1632) Over Simons Creek - Charleston County	1,250							400 R 5,938 C	\$6,338		\$7,588	NHPP Funding, Federal Aid for Non-NHS Bridges
P037136	Old Mt. Holly Road (S-45) Bridge Replacement - Berkeley County	1,200							1,050 R 8,625 C	\$9,675		\$10,875	Federal Aid Non-NHS Bridges/STBG
P037119	Harts Bluff Road (S-68) Bridge Replacement - Charleston County	846	74 R						4,258 C	\$4,332		\$5,178	Federal Aid Off-System Bridges/STBG
	US 17 SB Bridge Repair over the Ashley River			1,500 PE						\$1,500		\$1,500	STF - Preventative Maintenance
	Statewide Pavement Resurfacing Projects	20,906										\$20,906	STATEWIDE PAVEMENT RESURF/PRESERV PROG
	Statewide Safety Projects (Intersection Projects)											\$6,047	STATEWIDE SAFETY PROGRAM (HSIP)
0041070RD01	Liberty Hall Rd (S-529) & Lindy Creek Rd (S-1216)	605											STATEWIDE SAFETY PROGRAM (HSIP)
0041072RD01	Camp Rd (S-28) & Riverland Dr (S-53)	1,570											STATEWIDE SAFETY PROGRAM (HSIP)
	Riverland Dr (S-53) & Central Park Rd (S-67)	820											STATEWIDE SAFETY PROGRAM (HSIP)
Correction 12/29/2023 P039378	S-76 (Ladson Rd) & S-2421 (College Park Rd)	50				500 C				\$500		\$550	STATEWIDE SAFETY PROGRAM (HSIP)
P039389	S-169 (Von Ohsen Rd) & S-881 (Lincolnton Rd)	250			252 R	2,000 C				\$2,252		\$2,502	STATEWIDE SAFETY PROGRAM (HSIP)
P041046	US-17Alt (US 17A Hwy S) & S-13 (Central Ave)				250 PE		2,250 C			\$2,600		\$2,600	STATEWIDE SAFETY PROGRAM (HSIP)
	(Section/Corridor Improvements)					100 R							
P032086	St James Ave (US 176) from Old Moncks Corner Rd to US 52	3,150										\$3,729	STATEWIDE SAFETY PROGRAM (HSIP)
		579											Local Match - BCWS
P032088	Dorchester Rd (SC 642) from State Park Rd (S-373) to Near Parlor Dr (S-259)	502	2,000 C							\$2,000		\$2,502	STATEWIDE SAFETY PROGRAM (HSIP)
Correction 12/29/2023 P037188	Red Bank Road (S-29) - from Eagle Rd (S-251) to near Garwood Rd (S-585)	300				1 R				\$2,501		\$2,801	STATEWIDE SAFETY PROGRAM (HSIP)
	Statewide Safety Program (2015 Commission-Approved Safety Projects)	2,297				2,500 C						\$2,297	STATEWIDE SAFETY PROGRAM (HSIP)
	Interstate Safety Improvements												
	I-26 Clear Zone Improvements from near MM 180 to near MM 221	5,400										\$5,400	STATEWIDE SAFETY PROGRAM (HSIP)
P029757	I-26 Cable Guardrail Project from near MM 168 to near MM 199 (Phase II) (I-95 to US 17A)	10,000										\$10,000	STATEWIDE SAFETY PROGRAM (HSIP)
	Safety Improvements/RSA												
P037886	US 78 (MP 4.0-7.3) - Safety Improvements	300							50 R 2,000 C	\$2,050		\$2,350	STATEWIDE SAFETY PROGRAM (HSIP)
P037889	S-75 (Ashley Phosphate) (MP 0-2.269) / S-62 (MP 0-1.82) - Road and Bike/Ped Safety		500 PE			50 R 9,050 C				\$9,600		\$9,600	STATEWIDE SAFETY PROGRAM (HSIP)
P037890	US 17A (MP 1.36-4.35) - Safety Improvements	300			50 R 2,000 C					\$2,050		\$2,350	STATEWIDE SAFETY PROGRAM (HSIP)
P037896	S-107 (Meeting St) (MP 0-1.42) - Bike/Ped Safety Improvements	150				50 R 800 C				\$850		\$1,000	STATEWIDE SAFETY PROGRAM (HSIP)
P037897	S-104 (King St) (MP 0 -1.89) - Bike/Ped Safety Improvements	150				50 R 1,300 C				\$1,350		\$1,500	STATEWIDE SAFETY PROGRAM (HSIP)
P037901	S-404 (Calhoun St) (MP 0 - 1.48) - Bike/Ped Safety Improvements		200 PE			50 R 800 C				\$1,050		\$1,050	STATEWIDE SAFETY PROGRAM (HSIP)
P037906	S-106 (St. Philip St) (MP 0 - 1.07) - Bike/Ped Safety Improvements		150 PE			50 R 1,200 C				\$1,400		\$1,400	STATEWIDE SAFETY PROGRAM (HSIP)
Amendment 1/29/2024 Amendment 1/29/2024 Amendment 1/29/2024 Amendment 1/29/2024 Amendment 1/29/2024	SC-61 (Ashley River Rd) (MP 8.41-12) - Section/Corridor Improvements					350 PE	1 R	7,000 C		\$7,351		\$7,351	STATEWIDE SAFETY PROGRAM (HSIP)
	US-17 (Septima Clark Pkwy) (MP 30-31) - Section/Corridor Improvements					300 PE	1 R	2,500 C		\$2,801		\$2,801	STATEWIDE SAFETY PROGRAM (HSIP)
	US-17 (Savannah Hwy) (MP 20-26) - Section/Corridor Improvements					350 PE	1 R	5,000 C		\$5,351		\$5,351	STATEWIDE SAFETY PROGRAM (HSIP)
	SC-642 Dorchester Rd) (MP 0-8.03) - Section/Corridor Improvements					350 PE	1 R	12,000 C		\$12,351		\$12,351	STATEWIDE SAFETY PROGRAM (HSIP)
	SC-171 (Folly Rd) (MP 3-8) - Section/Corridor Improvements					350 PE	1 R	8,000 C		\$8,351		\$8,351	STATEWIDE SAFETY PROGRAM (HSIP)
	Act 275 - Funding for Bridges and Interstates												
P027507	I-526 Widening & Interchange Improvements from near Paul Cantrell Rd (Exit 11) to near Virginia Ave (Exit 20)	3,100			12,000 PE 13,000 PE/AC 10,000 R 90,000 R/AC 14,000 C 51,000 C/AC	13,000 PE/ACC 30,000 R/ACC 26,000 C/ACC	30,000 R/ACC 10,000 C/ACC	20,000 R/ACC 15,000 C/ACC	10,000 R/ACC	\$190,000	\$50,000 \$408,000 \$10,400 \$2,290,000 \$10,000 \$207,040	\$2,951,500	Interstate Program (NHPP) Interstate Program (NHPP) Interstate Program (NHPP) Interstate Program (NHPP) Interstate Program (NHPP) Interstate Program (NHPP) Interstate Program (NHPP)
P032102	I-526 Widening & Interchange Improvements from near Rivers Ave (Exit 18) to near US 17 (Exit 30)	8,670 5,000										\$230,710	Interstate Program (NHPP) Interstate Program (NHPP)
P0036524	I-26 Widening & Interchange Improvements from near I-526 (Exit 212) to near Port Access Rd (Exit 217)								10,000 C 354,313 AC	\$10,000	\$354,313	\$364,313	Interstate Program (NHPP) Interstate Program (NHPP)
P029263	I-26 Widening from near SC 27 (Exit 187) to near Jedburg Rd (Exit 194)	645 6,355	4,000 R	3,540 C 186,460 AC						\$4,000		\$201,000	SC Transportation Infrastructure Bank Interstate Program (NHPP)
										\$3,540 \$36,460 \$150,000			STBG - TAP Interstate Program (NHPP) Interstate Program (ARPA-STF)
P027077	I-26 Widening near Jedburg Rd (Exit 194) to near Nexton Pkwy (Exit 197)	10,000 2,000 45,471 12,500	22,735 ACC		62,153 ACC	62,153 ACC	36,460 ACC 25,693 ACC					\$92,706	Interstate Program (NHPP) SC Transportation Infrastructure Bank Interstate Program (NHPP)
										\$22,735			National Highway Freight (NHF)
P041314	I-526 Long Point/Wando Port Interchange			5,000 PE	20,000 R	50,000 C 75,000 AC	50,000 ACC 25,000 ACC			\$150,000		\$150,000	Interstate Program (NHPP) Interstate Program (NHPP)
	US 17 @ S-20 (MAIN ROAD) & OLD CHARLESTON HIGHWAY	2400 1500										\$3,900	STATEWIDE SAFETY PROGRAM (HSIP) Charleston Co. Sales Tax
P030127	Pavement Signing & Marking												
	Incident Response Program	7,000										\$7,000	NHPP & Non-Mandatory CMAQ
	<b>PROJECTS EXEMPT FROM GUIDESHARE SUBTOTAL</b>	<b>245,758</b>	<b>\$39,909</b>	<b>\$10,040</b>	<b>\$120,706</b>	<b>\$201,354</b>	<b>\$154,408</b>	<b>\$94,500</b>	<b>\$42,320</b>	<b>\$663,237</b>	<b>\$3,329,753</b>	<b>\$ 4,241,801</b>	

PIN #	PROJECTS EXEMPT FROM GUIDESHARE CONTINUED	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
	I-526 & I-26 - TDM Strategy Implementation Carpool/Rideshare/Vanpool Program Telecommuting/Compressed WW/Flex/Stag Time	300										\$300	NHPP/STBG
P029171	Education, Promotion, Marketing	300	45 PL	50 PL	50 PL	50 PL	50 PL	50 PL	50 PL	\$345	\$450	\$1,095	((\$50K from 2022-2030, and \$60K from 2031-2035))
P028057	US 17 Access Management	700										\$700	
P028928	Improve Signal Timing @ 6 Interchanges	3,000										\$3,000	
P029812	I-26 Corridor Management Plan (Jedburg Road/Exit 196 to US 17/Exit 221)	1,750										\$1,750	NHPP/STBG
	Edisto Island National Scenic Byway - Turnouts & Water Access	269										\$269	FHWA NATIONAL SCENIC BYWAY
	Edisto Island National Scenic Byway - Bicycle Facilities	635										\$635	FHWA NATIONAL SCENIC BYWAY
FOSU 10(1), 900(1)	Fort Moultrie Visitor Center Resurface Entrance Rd & Parking Area	564										\$564	PARK ROADS & PARKWAYS
SC FH 204(1)	Steed Creek Rd (S-1032/S-133) (US 17 to Berkeley Co. Line) Resurfacing & Safety Improvements	3,244										\$3,244	PUBLIC LANDS HIGHWAY- FOREST HIGHWAY ARRA FUNDS - \$244,000
	Wando Welch Terminal Rehabilitation Project	10,840										\$10,840	USDOT 2014 TIGER Grant
	Airport Connector Road	2,321	3,710 PE	4,032 PE 6,277 R 2,687 R	853 PE 5,976 R	157 PE	79 PE			\$8,831 \$6,277 \$8,663 \$33,337 \$2,978 \$20,215 \$137,645		\$220,267	Charleston County Revenue Bond Charleston County Revenue Bond SC Department of Commerce SC Department of Commerce Charleston Co. Sales Tax OAF - Other Allocated Funds (HIP) NHPP
	Lowcountry Lowline (City of Charleston)				7,000 PL 1,750 PL					\$8,750		\$8,750	USDOT 2022 RAISE Grant Local Funds - City of Charleston
Amendment 1/29/2024	Safe Streets & Roads for All (SS4A) Grant (FY 2023) BCDCOG Comprehensive Safety Action Plan					363 PL 91 PL				\$453		\$453	USDOT 2023 SS4A Grant Local Funds
<b>PROJECTS EXEMPT FROM GUIDESHARE SUBTOTAL</b>		<b>23,924</b>	<b>\$3,755</b>	<b>\$13,046</b>	<b>\$13,879</b>	<b>\$57,100</b>	<b>\$34,540</b>	<b>\$34,461</b>	<b>\$50</b>	<b>\$156,831</b>	<b>450</b>	<b>242,664</b>	
<b>PROJECTS EXEMPT FROM GUIDESHARE TOTAL</b>		<b>337,888</b>	<b>\$43,664</b>	<b>\$23,086</b>	<b>\$134,585</b>	<b>\$258,455</b>	<b>\$188,948</b>	<b>\$128,961</b>	<b>\$42,370</b>	<b>\$820,068</b>	<b>3,330,203</b>	<b>4,484,465</b>	

<sup>1</sup> AC (Advanced Construction) reflects the use of state funds to initiate a project.  
<sup>2</sup> AC Conversion (Advanced Construction Conversion) reflects the conversion of state funds to federal funds.

PIN #	LOCALLY FUNDED PROJECTS	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
	Nexton Pkwy, Sheep Island Interchange (I-26), I-26 Widening (Inclusive of Nexton Pkwy from N. Maple to Nexton Elementary)	21,500 8,320 54,000 5,700										89,520	SC Transportation Infrastructure Bank SC Ports Authority BC TST Local Funding
	US 17 Septima Clark Pkwy (End of I-26 to Ashley River Bridges)	10,000 15,000 12,500 118,800										\$156,300	USDOT TIGER PROGRAM - LOCAL MATCH CITY OF CHARLESTON SCDOT FEDERAL MATCH PROGRAM INNOVATIVE FUNDING
0039389RD01	Henry Brown Blvd Extension - Phase I Liberty Hall Rd to Red Bank Rd System Capacity Improvement	5,974 350 15,500 21,150										\$42,974	FEDERAL EARMARK BERKELEY COUNTY LOCALLY FUNDED TRANSP. SALES TAX
	Henry Brown Blvd Extension - Phase II Liberty Hall Rd to US 52 Context Sensitive Capacity Improvement	2,000 -										\$2,000	BERKELEY COUNTY LOCALLY FUNDED TRANSPORTATION SALES TAX PROJECT
	Mark Clark Expressway Completion US 17 to James Island Connector Context Sensitive New Alignment Facility	12,000 37,671 -			49,329 C					\$49,329		\$99,000	SC Transportation Infrastructure Bank SC Transportation Infrastructure Bank
	Palmetto Commerce Interchange	4,508 -	1,000 PE 2,500 R	2,345 PE 10,111 C 3,089 C	2,345 PE 13,200 C	2,345 PE 6,600 C				\$8,035 \$12,611 \$22,889		\$48,043	Charleston County Revenue Bonds Charleston County Revenue Bonds Charleston Co. Transpo Sales Tax
	Palmetto Commerce Parkway Phase III	2,433 1,986 -	925 PE	3,473 PE 8,014 R 500 C	2,000 PE 5,669 R 19,331 R 500 C	1,000 PE 29,169 R 831 R 4,169 C 7,831 C				\$6,398 \$13,683 \$500 \$20,331 \$29,669 \$831 \$4,169 \$8,231 \$5,000 \$69,500	5,750	\$168,481	Charleston County Revenue Bonds Charleston County Revenue Bonds Charleston County Revenue Bonds SC Department of Commerce SC Department of Commerce SCANA Grant SCANA Grant Charleston Co. Transpo Sales Tax Charleston Co. Transpo Sales Tax Charleston Co. Transpo Sales Tax
	Maybank Hwy Improvement Phase I, II & III	15,000										\$15,000	Charleston Co. Sales Tax
	US 52 @ US 176 Intersection Improvement	307	350 P	1,480 PE	3,063 R					\$4,893		\$5,200	Berkeley Co. Sales Tax
P028111	SC 41 (US17 to Wando River Bridge)	2,000 2,582	660 PE	3,366 PE	\$3,000 PE	\$7,220 PE \$2,600 R	\$182 PE \$8,000 R	\$8,000 R \$81,447 C	\$3,000 R	\$14,428 \$21,600 \$81,447	\$3,000	\$125,057	Berkeley Co. Sales Tax Charleston Co. Sales Tax Charleston Co. Sales Tax Charleston Co. Sales Tax
	LCRT (Lowcountry Rapid Transit) <sup>A</sup>	21,853		23,735 PE 3,215 R		\$131,197 C				\$154,932 \$3,215		\$180,000	Charleston Co. Sales Tax Charleston Co. Sales Tax
<b>LOCALLY FUNDED PROGRAM TOTAL</b>		<b>383,826</b>	<b>5,435</b>	<b>59,328</b>	<b>98,437</b>	<b>192,962</b>	<b>37,082</b>	<b>123,947</b>	<b>14,500</b>	<b>531,691</b>	<b>8,750</b>	<b>931,575</b>	

<sup>A</sup> Local funds programmed reflect maximum Charleston County TST contribution of \$180 million. Project cost estimate of \$360 million developed in I-26/ALT AA Study, will be refined and updated as the project advances through NEPA and Design process. Project intends to apply to the FTA's Capital Grant Program (CIG) to secure additional federal funds to construct.

PIN #	SAFETEA-LU EARMARK PROJECTS	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
0030285X	Railroad Ave Extension Berkeley County SAFETEA-LU # 416	13,290 2,051 8,200										\$23,541	Berkeley Co TST Federal Earmark - \$1,334,799.77 Includes SCDOT Match
0037345RD01	Port Access Rd Design/Build Project (Connecting to I-26) <sup>d</sup> SAFETEA-LU # 4872 *	10,000 318,544										\$328,544	SAFETEA-LU FEDERAL EARMARK SC Ports Authority General Assembly SCDOT
<b>SAFETEA-LU EARMARK PROJECTS TOTAL</b>		<b>352,085</b>								\$ -		\$ 352,085	

<sup>d</sup>SCDOT is managing this project on behalf of the SC Ports Authority through an intergovernmental agreement. Two funding allocations have been made by the SC General Assembly (\$5.0 million to SCDOT and \$167.0 million + interest to SCSPA).

PIN #	FEDERAL TRANSIT ADMINISTRATION	Previous Years	FFY 2021	FFY 2022	FFY 2023	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TIP COST (2021-2027)	REMAINING COST (2028+)	TOTAL PROJECT COST	FUNDING SOURCE
	CARTA 5307/5340	31,925 6,962 9,851 13,468	4,258 CA 1,200 OP	7,415 5,229 CA 2,186 OP	7,560 C/O 5,377 CA 2,183 OP 11,000 CA 3,383 OP	6,076 C/O	6,136 C/O	6,198 C/O	6,260 C/O	\$39,645 \$14,865 \$5,569 \$11,000 \$3,383		\$116,234	FTA Section 5307/5340 Match Capital 5307/5340 Operation 5307/5340 5311 Allocation - Award of funds subject to lapse (FY2023) 5311 Allocation - Award of funds subject to lapse (FY2023)
	BCDRTMA 5307/5340	928 24	558 OP	322 OP	328 OP	301 OP	301 OP	301 OP	301 OP	\$2,412		\$3,365	5307 Sub-Allocation Match
	CARTA - Section 5307 Urbanized Area Formula Grants (CARES Act)	15,000										\$15,000	FTA Section 5307 - CARES Act
	CARTA - Section 5307 Urbanized Area Formula Grants (ARP Act)	-		4,975 CA						\$9,930		\$9,930	FTA Section 5307 - ARP Act
	BCDCOG - Enhanced Mobility Section 5310	1,632										\$7,704	FTA Section 5310 - Enhanced Mobility Program
	FY2017 CARTA - Purchase of Vehicles	439											FY 2017 Allocation
	FY2018	455											FY2018 Allocation
	BCDCOG Administrative												FY 2019 Allocation
	BCDCOG Administrative												FY 2020 Allocation
	FY2021 CARTA - Purchase of Vehicles			383 CA						\$518			FY 2021 Allocation
	Berkeley Citizens, Inc - Purchase of Vehicles			56 CA									FY 2021 Allocation
	Trident Smart Ride - MM			40 CA									FY 2021 Allocation
	BCDCOG Administrative			10 AD									FY 2021 Allocation
	FY2022 CARTA - Purchase of Vehicles				567 CA					\$760			FY 2022 Allocation
	Berkeley Citizens, Inc - Purchase of Service				60 CA								FY 2022 Allocation
	Charleston-Dorchester Mental Health - Purchase of Service				20 CA								FY 2022 Allocation
	Beyond BASIC Life Skills - Purchase of Vehicles				0 CA								FY 2022 Allocation
	Dorchester County Board of Disabilities & Special Needs - Purchase of Vehicles				60 CA								FY 2022 Allocation
	Trident Smart Ride - MM				40 CA								FY 2022 Allocation
	BCDCOG Administrative				12.5 AD								FY 2022 Allocation
	FY2023 CARTA - Purchase of Vehicles					375 CA				\$779			FY 2023 Allocation
	CARTA - Paratransit Operations					69 OP							
	CARTA On-Demand - Purchase of Service					200 CA							
	Charleston-Dorchester Mental Health					25 OP							
	Trident United Ways - MM					50 CA							
	Trident Smart Ride - MM					40 CA							
	BCDCOG Administrative					20 AD							
	FY2024					528 C/O				\$528			FY 2024 Allocation
	FY2025						534 C/O			\$534			FY 2025 Allocation
	FY2026							539 C/O		\$539			FY 2026 Allocation
	FY2027								544 C/O	\$544			FY 2027 Allocation
	CARTA - Enhanced Mobility Section 5310 (CRRSAA)		86 CA										FTA Section 5310 - CRRSAA Act
	CARTA - Enhanced Mobility Section 5310 (ARP)			86 CA									FTA Section 5310 - ARP Act
	BCDCOG - 5339 Bus & Bus Facilities Discretionary Grant	6,153 1,538										\$7,691	FY 2016 Allocation FY 2016 - Match
	BCDCOG - 5339 Bus & Bus Facilities Discretionary Grant	8,322 2,080										\$10,402	FY 2019 Allocation FY 2019 - Match
	BCDCOG - 5339 Bus & Bus Facilities Discretionary Grant	-			2,777 CA 1,617 CA					\$2,777 \$1,617		\$4,394	FY 2020 Allocation FY 2020 - Match
	CARTA - Bus & Bus Facilities 5339	1,373		629 CA 2,062 CA	646 CA	701 CA	701 CA	701 CA	701 CA	\$6,141		\$8,544	5339 Allocation 5339 Allocation 5339 Allocation - Award of funds subject to lapse
	Transit-Oriented Development (TOD) Planning Project	880 220	1,029 CA							\$1,029		\$1,100	2018 Section 20005(b) Local Match
	LoNo Discretionary Grant	1,500 375										\$1,875	FTA Section 5339(c) Local Match
	HOPE Discretionary Grant (FY 2020)		270 PL 30 PL							\$300		\$300	FTA HOPE Grant Local Match - Charleston Co. Sales Tax
	LoNo Discretionary Grant (FY 2023)					25,907 CA 5,957 CA				\$31,864		\$31,864	FTA Section 5339(c) Local Match - Charleston Co. Sales Tax
	CARTA Shipwatch Square Transit Hub & Regional Workforce Development Center												
	COVID-19 Research Demonstration Grant (FY 2020)		575 CA 100 CA							\$675		\$675	FTA Federal Funds Local Match - Charleston Co. Sales Tax
	Transit-Oriented Development (TOD) Pilot Program Planning Grant (FY 2021)			860 PL 215 PL						\$1,075		\$1,075	2021 Section 20005(b) Local Match - Charleston Co. Sales Tax
	Lowcountry Rapid Transit Corridor TOD Study Phase 2												
	CARTA - American Rescue Plan (ARP) Route Planning Restoration Program Grant (FY 2021)				564 PL					\$564		\$564	FTA Section 5307 - ARP Act
	CARTA Downtown Route Restoration Plan												
	BCDCOG - American Rescue Plan (ARP) Route Planning Restoration Program Grant (FY 2021)				650 PL					\$650		\$650	FTA Section 5307 - ARP Act
	US-52 Bus Rapid Transit (BRT) Corridor Study												
	BCDCOG - FTA Area's of Persistent Poverty Grant (FY 2023)					342 PL 38 PL				\$380		\$380	FTA Section 5305 Local match
	Tri-County Link (TCL) On-Demand Rural Transit Development Plan												
	Transit System Stop and Shelter Design Manual	150 38										\$188	CHATS Guideshare - FTA Flex Funding* Match
	Tricounty Link/CARTA Computer Aided Dispatch & Automatic Vehicle Locator (CAD/AVL)	1,300										\$1,300	CHATS Guideshare - FTA Flex Funding*
	Regional Van Pool Program	1,500										\$1,500	CHATS Guideshare - FTA Flex Funding*
	Regional Park and Ride Development Project	-				6,150 C 250 PE 100 R				\$6,150 \$250 \$100		\$6,500	CHATS Guideshare - FTA Flex Funding* CHATS Guideshare - FTA Flex Funding* CHATS Guideshare - FTA Flex Funding*
<b>FTA TOTAL</b>		<b>106,268</b>	<b>\$7,977</b>	<b>\$29,238</b>	<b>\$36,846</b>	<b>\$34,634</b>	<b>\$7,672</b>	<b>\$7,739</b>	<b>\$7,806</b>	<b>\$138,080</b>		<b>\$223,827</b>	





## POLICY COMMITTEE

# MEMORANDUM

**Date:** January 4, 2024  
**To:** CHATS Study Team  
**From:** Ron Mitchum, Executive Director  
**Subject:** CHATS 2040 LRTP (Amendment #10) –2024 Highway and Transit Safety Performance Targets

### Highway Safety Performance

Federal regulations maintained under the Infrastructure Investment and Jobs Act (IIJA) also known as the “Bipartisan Infrastructure Law” (BIL) (Pub. L. 117-58, November 15, 2021), require state departments of transportation to establish and report annual highway safety performance targets by August 31st of each year. Per federal rules and SCDOT Planning Procedure Agreement PL-2017-01, MPOs and COGs are also required to formally adopt either the State’s safety targets or evaluate and set regionally specific targets. SCDOT, in coordination with the South Carolina Department of Public Safety (DPS), has evaluated and established safety targets for the five required highway safety performance measures (PM 1) which include the number and rate of fatalities, number and rate of serious injuries and the number of non-motorized (NMU) fatalities and serious injuries. Table 6-9a provides a summary of the Statewide and CHATS planning area highway safety measures’ baselines as well as the South Carolina’s 2020-2024 Statewide Safety Targets.

**Table 6-9a: South Carolina Statewide and CHATS Area Safety Measures Baselines (2018-2022) and Targets (2020-2024)**

Measure	Traffic Fatalities	Fatality Rate*	Serious Injuries	Serious Injuries Rate*	NMU Fatalities and Serious Injuries
State Baseline (2018-2022) Average	1,079.6	1.9	2,802	4.93	457
<b>State Targets (2020-2024) Approved</b>	<b>1,079</b>	<b>1.87</b>	<b>2,549</b>	<b>4.41</b>	<b>454.8</b>
CHATS Baseline (2018-2022) Average	93.6	1.59	353.4	5.99	81.2

Note - \* Rate per 100 million vehicle miles traveled

### Transit Safety Performance

The Charleston Area Regional Transportation Authority (CARTA) and TriCounty Link (TCL), as required by the federal Public Transportation Agency Safety Plan (PTASP) final rule issued on June 19, 2019, has each developed a PTASP including processes and procedures implementing a Safety Management Systems (SMS) for the respective local transit agencies. The CARTA Board of Directors certified the agency’s Safety Plan on June 17, 2020, and adopted its annual Plan update on August 19, 2022. The BCDCOG Board of Directors certified TriCounty Link’s Safety Plan, and adopted its annual Plan update on September 30, 2023. Included in Tables 6-10a & 6-10b below, are summaries of safety performance for each transit agency for the 2023 period, and the updated targets set for the performance period 2024. Each agency will continue to report on progress and update targets on an annual basis, and coordinate with the CHATS MPO to ensure that the goals, objectives, measures and targets set in the PTASP are integrated into the MPO’s planning processes.

# MEMORANDUM

**Table 6-10a: CARTA Transit Safety Performance (2023) and Safety Targets (2024)**

Mode of Transit Service	Fatalities (Total)	Fatality Rate*	Injuries (Total)	Injuries Rate*	Safety Events (Total)	Safety Events Rate*	System Reliability**
All Bus Service (2019 Baseline)	0	0	6	2.02	50	16.72	18,000
All Bus Service (2021 Actual Performance)	0	0	2	1.1	54	28.9	26,840
All Bus Service (2022 Target)	0	0	5	1.4	30	8.6	25,000
All Bus Service (2022 Actual Performance)	0	0	20	5.7	54	15.5	31,024
All Bus Service (2023 Target)	0	0	5	1.47	30	8.86	20,000
All Bus Service (2023 Actual Performance)	0	0	6	1.77	12	3.54	25,823
<b>All Bus Service (2024 Target)</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1.47</b>	<b>10</b>	<b>2.95</b>	<b>30,000</b>

Note - \*Rate per 1,000,000 vehicle revenue miles (VRM); \*\*Average distance (VRM) between major mechanical failures

**Table 6-10b: TCL Transit Safety Performance (2023) and Safety Targets (2024)**

Mode of Transit Service	Fatalities (Total)	Fatality Rate*	Injuries (Total)	Injuries Rate*	Safety Events (Total)	Safety Events Rate*	System Reliability**
All Bus Service (2019 Baseline)	0	0	5	5.35	10	10.7	25,000
All Bus Service (2021 Actual Performance)	0	0	2	4.1	8	16.5	92,432
All Bus Service (2022 Target)	0	0	5	0.7	10	1.4	60,000
All Bus Service (2022 Actual Performance)	0	0	2	0.28	9	1.3	71,321
All Bus Service (2023 Target)	0	0	3	0.45	9	1.3	60,000
All Bus Service (2023 Actual Performance)	0	0	1	0.15	5	0.75	71,321
<b>All Bus Service (2024 Target)</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0.42</b>	<b>5</b>	<b>0.75</b>	<b>65,000</b>

Note - \*Rate per 100,000 vehicle revenue miles (VRM); \*\*Average distance (VRM) between major mechanical failures

For the 2024 performance period, staff is recommending that the CHATS MPO, through action by the Policy Committee, accept and support the safety targets set for the prescribed highway and transit safety performance measures.

These performance targets shall be formally adopted through an amendment to the 2040 CHATS Long Range Transportation Plan (Amendment #10).



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## POLICY COMMITTEE

# MEMORANDUM

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**Date:** January 4, 2024  
**To:** CHATS Study Team  
**From:** Ron Mitchum, Executive Director  
**Subject:** CHATS FY 2024-2033 Transportation Investment Plan (TIP) Update

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Attached for your review and consideration is the draft update to the CHATS Transportation Improvement Program (TIP) financial sheet for Fiscal Years 2024-2033. The major impetus for this update is to align the CHATS TIP with that of the new FY 2024-2033 Statewide Transportation Improvement (STIP) window as required by 23 CFR 450.220. The South Carolina Department of Transportation (SCDOT) proposes a new 10-year STIP window to align with the current state Strategic 10-Year Asset Management Plan (STAMP), which is effective through 2032.

Update to the TIP primarily (1) advances programmed projects from the prior TIP plan period to the current 2024-2033 timeframe, (2) removes completed or cancelled projects, and (3) adds new projects for implementation identified through the long-range transportation planning process.

Based on discussion by the CHATS Study Team, the new TIP will be advertised for public review and presented to the Policy Committee for adoption at the next meeting, after which it will be submitted to SCDOT for inclusion in the STIP.





**2040 CHATS LONG RANGE TRANSPORTATION PLAN  
AMENDMENT #10 (DRAFT)**

Amendment: January 29, 2024

**A. CHAPTER 6 – IMPLEMENTATION AND FUNDING**

**MEASURING PERFORMANCE**

Federal regulations maintained under the Infrastructure Investment and Jobs Act (IIJA) also known as the “Bipartisan Infrastructure Law” (BIL) (Pub. L. 117-58, November 15, 2021), require state departments of transportation to establish and report annual safety performance targets. Per federal rules and SCDOT Planning Procedure Agreement PL-2017-01, MPOs and COGs are also required to formally adopt either the State’s safety targets or evaluate and set regionally specific targets for highways. As such, the CHATS MPO is amending the CHATS 2040 Long Range Transportation Plan (LRTP) to include the annual highway safety targets set by the South Carolina Department of Transportation (SCDOT) for the 2024 performance period.

CARTA and TriCounty Link (TCL), the local recipient and sub-recipient of public transit funds, are also federally required to establish annual transit related safety targets and report on the agencies’ progress toward achieving set targets. Public transportation providers are further directed to share such information with MPOs and states so all plans and performance reports are coordinated. CARTA and TCL have and will continue to share this data with the CHATS MPO to facilitate its performance-based planning process. The CHATS MPO is amending the CHATS 2040 LRTP to include the transit safety targets set and reported by CARTA and TCL for the 2024 performance period.

**Highway Performance**

Through the federal rule-making process, the Federal Highway Administration (FHWA) requires state DOTs and MPOs to monitor the transportation system using specific performance measures. These measures are associated with the national goal areas prescribed in MAP-21 and the FAST Act, and maintained under BIL/IIJA. The following table describes the national goal areas, performance areas, and measures associated with Highway Performance.

**Table 6-9: National Goal Areas and Performance Measures (Highways)**

National Goal Area	Performance Area	Performance Measures
<p><b>Safety:</b> To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.</p>	Injuries and Fatalities	<ul style="list-style-type: none"> <li>- Number of Fatalities</li> <li>- Fatality rate (per 100 million VMT)</li> <li>- Number of serious injuries</li> <li>- Serious injury rate (per 100 million VMT)</li> <li>- Number of non-motorized fatalities and non-motorized serious injuries</li> </ul>
<p><b>Infrastructure Condition:</b> To maintain the highway infrastructure asset system in a state of goods repair.</p>	Pavement Condition	<ul style="list-style-type: none"> <li>- Percent of pavements on the Interstate System in Good Condition</li> <li>- Percent of pavements on the Interstate System in Poor Condition</li> <li>- Percent of pavements on the non-Interstate System in Good Condition</li> <li>- Percent of pavements on the non-Interstate System in Poor Condition</li> </ul>
	Bridge Condition	<ul style="list-style-type: none"> <li>- Percent of NHS bridges classified as in Good Condition</li> <li>- Percent of NHS bridges classified as in Poor Condition</li> </ul>

<p><b>System Reliability:</b> To improve the efficiency of the surface transportation system.</p>	Performance of the National Highway System	<ul style="list-style-type: none"> <li>- Percent of person miles traveled on the Interstate System that are reliable</li> <li>- Percent of person miles traveled on the non-Interstate NHS that are reliable</li> </ul>
<p><b>Freight Movement and Economic Vitality:</b> To improve the National Highway Freight Network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.</p>	Freight Movement on the Interstate System	<ul style="list-style-type: none"> <li>- Truck Travel Time Reliability</li> </ul>
<p><b>Congestion Reduction:</b> To achieve a significant reduction in congestion on the Nation Highway System.</p>	Traffic Congestion	<ul style="list-style-type: none"> <li>- Annual hours of peak-hour excessive delay per capita</li> <li>- Percent of non-single-occupant vehicle traffic</li> </ul>
<p><b>Environmental Sustainability:</b> To enhance the performance of the transportation system while protecting and enhancing the natural environment.</p>	On-Road Mobile Source Emissions*	<ul style="list-style-type: none"> <li>- Total emissions reduction*</li> </ul>

Note - \*This measure only applies to non-attainment or maintenance areas over a prescribed population threshold. This measure does not apply to the CHATS planning area

### Highway Safety

For the 2024 performance period, the CHATS MPO accepts and supports the State of South Carolina's DOT safety targets for all five highway safety performance measures presented in Table 6-9a.

**Table 6-9a: SCDOT and CHATS Safety Measures Baseline (2018-2022) and State Safety Targets (2024)**

Measure	Traffic Fatalities	Fatality Rate*	Serious Injuries	Serious Injuries Rate*	NMU Fatalities and Serious Injuries
State Baseline (2018-2022) Average	1,079.6	1.9	2,802	4.93	457
<b>State Targets (2020-2024) Approved</b>	<b>1,079</b>	<b>1.87</b>	<b>2,549</b>	<b>4.41</b>	<b>454.8</b>
CHATS Baseline (2018-2022) Average	93.6	1.59	353.4	5.99	81.2

Note - \*Rate per 100 million vehicle miles traveled

This means CHATS will:

- Address areas of concern for fatalities or serious injuries within the metropolitan planning area through coordination with SCDOT and incorporation of safety considerations on all projects;
- Integrate safety goals, objectives, performance measures, and targets into the planning process; and
- Include the anticipated effect toward achieving the targets noted above within the TIP, effectively linking investment priorities to safety target achievement.

## Transit Performance

Recipients and sub-recipients of public transit funds—which can include states, local authorities, and public transportation operators—are required to establish performance targets for safety and to report on their progress toward achieving set targets. Public transportation operators are directed to share information with MPOs and states so that all plans and performance reports are coordinated. Table 6-10 identifies performance measures outlined in the National Public Safety Transportation Plan, released by the Federal Transit Administration (FTA).

**Table 6-10: National Goal Areas and Performance Measures (Transit)**

National Goal Area	Transit Performance Area or Asset Category	Performance Measures
<b>Safety</b>	Fatalities	Total number of reportable fatalities and rate per total vehicle revenue miles by mode
	Injuries	Total number of reportable injuries and rate per total vehicle revenue miles by mode
	Safety Events	Total number of reportable events and rate per total vehicle revenue miles by mode
	System Reliability	Mean distance between major mechanical failures by mode
<b>Infrastructure Condition (State of Good Repair: Transit Asset Management)</b>	Equipment	Percent of vehicles that have met or exceeded their Useful Life Benchmark (ULB)
	Rolling Stock	Percent of revenue vehicles within a particular asset class that have met or exceeded their ULB
	Facilities	Percent of facilities within an asset class rated below 3.0 on the FTA Transit Economic Requirement Model scale

### Transit Safety

The Charleston Area Regional Transportation Authority (CARTA) and TriCounty Link (TCL), as required by the federal Public Transportation Agency Safety Plan (PTASP) final rule issued on June 19, 2018, has each developed a PTASP including processes and procedures implementing a Safety Management Systems (SMS) for the respective local transit agencies. The CARTA Board of Directors certified the agency’s Safety Plan on June 17, 2020, and adopted its annual Plan update on September 30, 2023. The BCDCOG Board of Directors certified TriCounty Link’s Safety Plan, and adopted its annual Plan update on August 28, 2023. Included in Table 6-10b below, are the agencies’ targets and summary of performance for the 2023 period, and the targets set for the performance period 2024. Each agency will continue to report on progress and update targets on an annual basis, and coordinate with the CHATS MPO to ensure that the goals, objectives, measures and targets set in the PTASP are integrated into the MPO’s planning processes.

**Table 6-10a: CARTA Transit Safety Performance (2023) and Safety Targets (2024)**

Mode of Transit Service	Fatalities (Total)	Fatality Rate*	Injuries (Total)	Injuries Rate*	Safety Events (Total)	Safety Events Rate*	System Reliability**
All Bus Service (2019 Baseline)	0	0	6	2.02	50	16.72	18,000
All Bus Service (2021 Actual Performance)	0	0	2	1.1	54	28.9	26,840
All Bus Service (2022 Target)	0	0	5	1.4	30	8.6	25,000
All Bus Service (2022 Actual Performance)	0	0	20	5.7	54	15.5	31,024
All Bus Service (2023 Target)	0	0	5	1.47	30	8.86	20,000
All Bus Service (2023 Actual Performance)	0	0	6	1.77	12	3.54	25,823
<b>All Bus Service (2024 Target)</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1.47</b>	<b>10</b>	<b>2.95</b>	<b>30,000</b>

Note - \*Rate per 1,000,000 vehicle revenue miles; \*\*Average distance between major mechanical failures

**Table 6-10b: TCL Transit Safety Performance (2023) and Safety Targets (2024)**

Mode of Transit Service	Fatalities (Total)	Fatality Rate*	Injuries (Total)	Injuries Rate*	Safety Events (Total)	Safety Events Rate*	System Reliability**
All Bus Service (2019 Baseline)	0	0	5	5.35	10	10.7	25,000
All Bus Service (2021 Actual Performance)	0	0	2	4.1	8	16.5	92,432
All Bus Service (2022 Target)	0	0	5	0.7	10	1.4	60,000
All Bus Service (2022 Actual Performance)	0	0	2	0.28	9	1.3	71,321
All Bus Service (2023 Target)	0	0	3	0.45	9	1.3	60,000
All Bus Service (2023 Actual Performance)	0	0	1	0.15	5	0.75	71,321
<b>All Bus Service (2024 Target)</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0.42</b>	<b>5</b>	<b>0.75</b>	<b>65,000</b>

Note - \*Rate per 100,000 vehicle revenue miles (VRM); \*\*Average distance (VRM) between major mechanical failures

For the 2024 performance period the CHATS MPO accepts and supports the safety performance measures and targets set in the CARTA and TCL PTASPs. The MPO will continue to work with both transit service providers to achieve these targets.

**APPENDIX A: ADOPTION AND APPROVAL RESOLUTION**

DRAFT

**APPENDIX B: CHATS STUDY TEAM/POLICY COMMITTEE MEETING MINUTES**

DRAFT

**APPENDIX C: CARTA Public Transportation Agency Safety Plan (PTASP) 2024 Performance Targets**

DRAFT

**APPENDIX D: TriCounty Link Public Transportation Agency Safety Plan (PTASP) 2024 Performance Targets**

DRAFT

**RESOLUTION**

**ADOPTION OF 2024 ANNUAL HIGHWAY AND TRANSIT SAFETY TARGETS BY THE CHARLESTON AREA TRANSPORTATION STUDY (CHATS) METROPOLITAN PLANNING ORGANIZATION (MPO)**

**WHEREAS**, the Berkeley-Charleston-Dorchester Council of Governments (BCDCOG) has been designated by the Governor of South Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the Charleston-North Charleston Urbanized Area; and

**WHEREAS**, the federal surface transportation programs that are the responsibility of the BCDCOG are authorized by the Infrastructure Investment and Jobs Act (IIJA) also known as the “Bipartisan Infrastructure Law” (BIL) (Pub. L. 117-58, November 15, 2021); and

**WHEREAS**, the metropolitan transportation planning process shall provide for the establishment and use of a performance-based approach to transportation decision making to support the national goals described in 23 U.S.C. 150(b) and the general purposes described in 49 U.S.C. 5301(c); and

**WHEREAS**, the Metropolitan Planning Organization is required to adopt annual safety performance targets specific to the planning area; and

**WHEREAS**, the Metropolitan Planning Organization has chosen to adopt and support both the statewide safety performance targets approved by the South Carolina Department of Transportation related to highway safety (PM1) as well as the transit safety targets approved by the region’s public transit providers for the 2024 performance period; and

**WHEREAS**, these targets shall, by amendment, be included within the CHATS 2040 LRTP document, adopted January 29, 2024.

**NOW, THEREFORE, BE IT RESOLVED** that the BCDCOG has agreed to adopt the highway and transit safety targets for the 2024 performance period, and shall continue to work in coordination to ensure that these targets are integrated into the MPO’s planning processes and effectively link investment priorities to safety target achievement.

\_\_\_\_\_  
Herb Sass, Chairman

Certified true and correct copy of a resolution adopted by CHATS on January 29, 2024.

\_\_\_\_\_  
Ronald E. Mitchum, Executive Director

\_\_\_\_\_  
Date