

## TIGER FY 2014 GRANT APPLICATION

Capitalizing on the success of the existing GHS Swamp Rabbit Trail, the various comprehensive transportation reports, and the City of Greenville TIGER II Planning Grant: Connections for Sustainability, the project includes trail safety improvements and connections and developing the GCEDC Corridor into a multimodal transit corridor in phases. This TIGER grant funding application includes:

- The Marietta to Travelers Rest Extension: A 2010 Census Rural Area  
This project includes developing a 1.6 miles extension with:
  - A 12' wide paved trail
  - Two bridges: Saluda River and Bates Crossing Road
  - Sidewalk repairs on Slater Road as included in the Greenville County Roads Advisory Commission (GCRAC).
  
- Expanding the B-Cycle program  
This project includes expanding the B-Cycle program with 13 stations along the GCEDC Corridor and West Greenville to improve connectivity on the Westside as indicated in the city's TIGER II Planning grant. The Greenville West Side Comprehensive Plan, developed by the City of Greenville in 2013 utilizing TIGER II grant funds recommends that Upstate Forever and stakeholders in the West Side neighborhoods continue to work together on strategies to increase bike share usage and accessibility for area residents, visitors, workers, and students. Locations:
  - Amtrak Station – Greenville
  - US Post Office West Washington Street
  - Swamp Rabbit Trailhead S. Hudson Street (to be completed in 2014)
  - KROC Center/AJ Whittenberg Elementary School
  - Fluor Field/S. Main St – Minor League Baseball Stadium and Business District
  - West Greenville Community Center – City of Greenville Parks and Recreation Department
  - Village of West Greenville Art and Business District
  
- Implementation of Design Elements from the 2012 AASHTO Guide for the Development of Bicycle Facilities  
This project includes:
  - Four bridges over roads
  - Three bridges over the Reedy River
  - Center line stripping on 11.5 miles
  - Shoulder repairs
  - Connections to cities' (Travelers Rest and Greenville) sidewalks and bike lanes
  - Other road crossing improvements
  - Reconfiguration of the SRT around future West Greenville park
  - Connection to Lakeview Middle School and the Berea community
  - Connection to Old Buncombe Road and Duncan Chapel Elementary via Furman University
  - Pedestrian connection to Amtrak Station in West Greenville
  - Sidewalk connection to future Travelers Rest municipal center/current location of Trailblazer Park
  - Sidewalks and bike lanes on Roe Ford Road per GCRAC project list.
  
- Connecting GHS SRT in Downtown Greenville to Millennium Campus  
This project includes connecting Downtown Greenville to CU-ICAR at the Millennium Campus via Cleveland Park with:
  - 15' wide paved trail
  - Four bridges over roads
  - Full pedestrian connection across Laurens Road for Gower and Parkins Mills communities
  
- Purchase three Proterra buses  
This project includes purchasing three Proterra electric buses and one charging station to replace three diesel buses on the Laurens Road/Haywood Road route. This route intersects with the GCEDC Corridor.

Summary of TIGER FY 2014 Grant

Project	Cost	TIGER Request	Cash Match*	Match as Percent of Cost
The Marietta to Travelers Rest Extension: A 2010 Census Rural Area	\$3,181,520	\$3,081,520	\$100,000	3.14%
Expanding the B-Cycle Program	\$373,420	\$283,420	\$90,000	24.10%
Implementation of Design Elements from the 2012 AASHTO Guide for the Development of Bicycle Facilities	13,349,150	\$8,029,009	\$5,320,141	39.85%
Connecting GHS SRT in Downtown Greenville to Millennium Campus	\$4,935,316	\$935,316	\$4,000,000	81.05%
Purchase of Proterra Electric Buses: Greenlink	\$2,150,000	\$1,350,000	\$800,000	37.21%
<b>Totals</b>	<b>\$23,989,406</b>	<b>\$13,679,265</b>	<b>\$10,310,141</b>	<b>42.98%</b>

\* Cash match is from public (City of Greenville and Greenville County) and private funds.

Note: In-kind match from Greenville County/GCEDC is as follows:

The appraised value of the GCEDC Corridor in 1998 was \$937,000. Assuming a cumulative rate of inflation of 45.3% (CPI = 1.453), the value of the corridor in 2014 dollars would be \$1,361,461.

Sources: [http://www.minneapolisfed.org/community\\_education/teacher/calc/](http://www.minneapolisfed.org/community_education/teacher/calc/)

<http://oregonstate.edu/cla/polisci/sites/default/files/faculty-research/sahr/inflation-conversion/pdf/cv1998.pdf>

The Abandoned Corridor value takes the per mile value of the 2014 value of the GCEDC Corridor times 1.3 miles, which is the approximate length of the Abandoned Corridor.