

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

FYs 14-17 TRANSPORTATION IMPROVEMENT PROGRAM GRANT APPLICATION		Infrastructure	
<b>PROJECT NAME</b>	Walton Ferry and Old Shackle Island Rd Improvements Project		
<b>LEAD AGENCY</b>	Hendersonville		
<b>PROJECT TYPE</b>	<input checked="" type="checkbox"/> On-Road Improvements <input type="checkbox"/> Off-Road Improvements <input type="checkbox"/> Amenities/ Enhancements		
<b>ROADWAY OR NEAREST INTERSECTION</b>	Walton Ferry Rd/Old Shackle Island Rd	<b>TERMINI (TO/FROM)</b>	<b>LENGTH (MILES)</b>
		Imperial Blvd to Volunteer Dr	0.78
<b>COUNTIES</b>	<input type="checkbox"/> Davidson <input type="checkbox"/> Rutherford <input checked="" type="checkbox"/> Sumner/Robertson <input type="checkbox"/> Williamson/Maury <input type="checkbox"/> Wilson		
<b>BRIEF DESCRIPTION</b>	Widen Walton Ferry Rd from Imperial to Main St and align with Old Shackle at Main and improve Old Shackle from Main to Volunteer.		
PROPOSED ELEMENTS		PROJECT HISTORY	
<input checked="" type="checkbox"/> Sidewalks <input checked="" type="checkbox"/> Curb Ramps <input checked="" type="checkbox"/> Crosswalk <input checked="" type="checkbox"/> Signalization/ Traffic Control <input type="checkbox"/> Intelligent Transportation System <input checked="" type="checkbox"/> Signage <input type="checkbox"/> Bus/ Transit Stop <input type="checkbox"/> Transit Service <input type="checkbox"/> Transit Capital <input checked="" type="checkbox"/> Pedestrian Amenities <input type="checkbox"/> Bicycle Parking (Rack, Locker) <input checked="" type="checkbox"/> Shared Lane <input type="checkbox"/> New Greenway <input type="checkbox"/> Greenway Extension <input type="checkbox"/> Greenway Amenities <input type="checkbox"/> Connection to School <input type="checkbox"/> Connection to Transit Stop		<input checked="" type="checkbox"/> Project in TIP   ID#2002-29 _____ <input type="checkbox"/> Not in TIP, LRTP Project   ID# _____ <input type="checkbox"/> Existing Project, Not in TIP or Plan <input type="checkbox"/> New Project <input type="checkbox"/> Other: _____	
		GRANT FUNDING SUMMARY (NEW REQUESTS)	
		<i>Fiscal Year</i>	<i>Federal Requested</i>
		2014	\$3,575,276
		2015	\$
		2016	\$
		2017	\$
		<b>Total</b>	<b>\$3,575,276</b>
			<b>\$893,819</b>
*Please complete the PROJECT BUDGET WORKSHEET form and include any funding from other sources of revenue.			
AGENCY CONTACT INFORMATION			
Name	<b>Fred D. Rogers</b>	E-mail	frogers@hvilletn.org
Title	<b>Director</b>	Phone	264-5316
Department	Planning		
Agency/ Organization	City of Hendersonville		

<b>PROPOSAL NARRATIVE</b> (Provide no more than 5 pages, responding to each of the following sections)	
<b>Section 1.</b> <b>Project Description, Purpose, Need, and Objectives</b>	Please provide a detailed description of the proposed transportation project including its purpose, need, and main objectives. Applicants also must describe the following: <ul style="list-style-type: none"> <li>• Project History</li> <li>• Intended users</li> <li>• Anticipated number of users</li> <li>• Expected scope of work</li> <li>• Major tasks/ activities</li> <li>• Final deliverables / products</li> </ul>
<b>Section 2.</b> <b>Benefits to Region and Local Community</b>	Describe how the proposed project will benefit the region and affected local communities. Specifically, consider how the project helps to promote: <ul style="list-style-type: none"> <li>• MPO’s four guiding principles</li> <li>• 2035 Plan’s policy Initiatives, regional goals, and major objectives</li> <li>• Local neighborhood or community plans</li> </ul>
<b>Section 3.</b> <b>Project Deliverables, Schedule, &amp; Milestones</b>	Provide a detailed schedule for the completion of the proposed project. Identify and describe key milestones, major tasks and activities, and the final deliverables/ products. Include a description of how the project will be managed and how progress will be tracked to ensure timely and efficient implementation.  Include a description of the lead agency’s recent experience in successfully implementing similar projects. This description should include the project or projects that were implemented and sufficient detail to demonstrate the project was successfully completed on time and within budget.
<b>Section 4.</b> <b>Budget Narrative</b>	Provide a descriptive narrative about the funds needed to complete the proposed project or program. Describe the source of matching funds. Applicants must provide documentation to validate that matching funds are secured and available.

## Section 1. Project Description, Purpose, Need and Objectives

- Description:** Widen Walton Ferry Road from Imperial Boulevard to Main Street and align with Old Shackle Island Road at Main Street (to eliminate current “off-set condition) and improve Old shackle Island Road from Main Street to Volunteer Drive.
- Purpose, Need, Objectives:** The primary objective is to mitigate current congestion. Other objectives include mitigating future congestion, supporting economic development, improving safety, increasing access to multi-modal options (bike lanes), system preservation and improving efficiency.
- Project History:** This project is included in the current LRTP. This project is included in the current TIP, except that construction funds are in reserve and are insufficient to cover the estimated cost. PE is complete. The City has paid \$1,154,766 for its 20% share of ROW. ROW is being purchased by TDOT. It is expected that TDOT will issue a Notice To Proceed with Construction in October, 2013.
- Intended Users:** Intended users include residents of Walton Ferry Peninsula (south of Main Street) and the residential area along Old Shackle Island Road (north of Main Street). Area business owners, employees and their customers will also use this route. Two elementary schools and one middle school will also utilize this route.
- Anticipated Number of Users:** The roughly 20,000 residents of the Walton Ferry Peninsula as well as approximately 5,000 residents of the Old Shackle Island Road area plus the area businesses and their customers (estimated at 10,000) make up the anticipated number of users of this route.
- Expected Scope of Work:** Widen existing Walton Ferry Road (south of Main) from 2 lanes to 3 (continuous and dedicated left turn lanes). Align Walton Ferry Rd with Old Shackle Island Road at Main Street. This will eliminate the existing “dog-leg” intersection. Construct 5 lanes at the intersection with Main Street. Improve Old Shackle Island Road from Main Street northward to Volunteer Drive. Bike lanes will be included. Improve vertical alignment with the CSX Railroad. Curb, drainage and driveway ramps will also be included. The curbing will provide access control in areas where it is now lacking. Sidewalks and crosswalks will also be provided.
- Major Tasks, Activities:** Major tasks include construction of this new roadway, including realignment of Walton Ferry Road and Old Shackle Island Road at the Main Street intersection. (PE and ROW/Utilities are being completed in FY 13.)
- Final Deliverables/Products:** Final deliverables include an aligned 3-lane Walton Ferry Road and Old Shackle Island Road from Imperial Boulevard to Volunteer Drive with 5 lanes at the Main Street intersection. Sidewalks and bike facilities will also be provided.

## Section 2. Benefits

By eliminating the “dog-leg” condition of the busiest intersection in the City, congestion will be mitigated and safety and efficiency will be greatly improved. This intersection divides East Main from West Main. The extra cycle of the traffic signal, which is necessary to make this off-set intersection function, result in delays. These delays trickle down to all other signals on East and West Main. Synchronization of all other signals must be timed based on this intersection. Alignment of Walton Ferry with Old Shackle Island Road at Main Street will enable much better flow of traffic. This addresses the MPO’s Guiding Principles of Livability, Sustainability and Prosperity.

This project addresses Regional Goals 1, 2, 4, 5 and 8 as well as Major Objectives 1, 2, 8, 9 and 10. This project is consistent with the Hendersonville Land Use and Transportation Plan.

Section 3. Schedule:

Oct, 2013                      Receive Notice To Proceed from TDOT for Construction.

Nov, 2013-Dec, 2013      Advertise for Construction Bids and CEI.

Jan, 2014-Feb, 2014      Award Construction and CEI Contracts.

Mar, 2014-Feb, 2015      Complete Construction and closeout.

The project will be managed by the City's Public Works Department and Engineering Consultant. The construction contract and the CEI contract will include schedules with milestones and dates. One of the main criteria in choosing the engineering consultant will be performance and proven knowledge of TDOT requirements and track record in working with TDOT.

The City has successfully managed the following projects:

1. Indian Lake Boulevard at 386 Bridge widening, ramps, signals
2. New Shackle Island Road
3. Traffic Signal Upgrade
4. ARRA Projects

While the City experienced some difficulty in getting through the TDOT process, once a Notice To Proceed with construction was received, the projects were completed on time and within budget.

Section 4: Budget Narrative

PE and ROW will be completed in FY13. \$5,100,000 will be needed in the FY14-17 TIP in FY14 to complete this project. The City is requesting \$4,080,000 (80%) in U-STP Funds. \$504,724 of U-STP Funds are in the current TIP in Reserve. An additional \$3,575,276 is needed. The City proposes to move this amount from the City's Rockland Rd Project. These funds are available as a result of the City reducing the scope of the Rockland project.

OFFICIAL USE:

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

FYs 14-17 TIP PROJECT <i>BUDGET WORKSHEET</i>   PROPOSAL NAME:							
FISCAL YEAR	PROPOSED PHASE/ TASK/ ACTIVITY	GRANT FUNDS	LOCAL MATCH	OTHER FEDERAL	OTHER LOCAL	OTHER SOURCE	TOTAL FUNDING
FY 14	Construction	\$4,080,000	\$1,020,000	\$	\$	\$	\$5,100,000
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
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		\$	\$	\$	\$	\$	\$
<b>TOTAL</b>		\$4,080,000	\$	\$	\$	\$	\$