

Received by: _____
Date: _____

FYs 14-17 TRANSPORTATION IMPROVEMENT PROGRAM GRANT APPLICATION **Infrastructure**

PROJECT NAME	SR 266/Stonecrest Parkway Intersection Improvements		
LEAD AGENCY	Town of Smyrna		
PROJECT TYPE	<input checked="" type="checkbox"/> On-Road Improvements <input type="checkbox"/> Off-Road Improvements <input type="checkbox"/> Amenities/ Enhancements		
ROADWAY OR NEAREST INTERSECTION	SR 266 – Sam Ridley Parkway, West and Stonecrest Parkway	TERMINI (TO/FROM)	LENGTH (MILES)
		N/A	N/A
COUNTIES	<input type="checkbox"/> Davidson <input checked="" type="checkbox"/> Rutherford <input type="checkbox"/> Sumner/Robertson <input type="checkbox"/> Williamson/Maury <input type="checkbox"/> Wilson		
BRIEF DESCRIPTION	This is a very congested intersection. This would widen Stonecrest Parkway and modify the existing signalization to ease congestion.		

PROPOSED ELEMENTS	PROJECT HISTORY			
<input type="checkbox"/> Sidewalks <input 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 type="checkbox"/> Pedestrian Amenities <input type="checkbox"/> Bicycle Parking (Rack, Locker) <input 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# <u>2012-44-172</u> <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)			
		Fiscal Year	Federal Requested	Match
		2014	\$80,000	\$20,000
		2015	\$200,000	\$50,000
	2016	\$	\$	
	2017	\$	\$	
	Total	\$	\$	
<i>*Please complete the PROJECT BUDGET WORKSHEET form and include any funding from other sources of revenue.</i>				

AGENCY CONTACT INFORMATION			
Name	Kevin Rigsby	E-mail	kevin.rigsby@townofsmyrna.org
Title	Town Planner	Phone	615-355-5706
Department	Planning		
Agency/ Organization	Town of Smyrna		

PROPOSAL NARRATIVE (Provide no more than 5 pages, responding to each of the following sections)	
<p>Section 1. Project Description, Purpose, Need, and Objectives</p>	<p>Please provide a detailed description of the proposed transportation project including its purpose, need, and main objectives. Applicants also must describe the following:</p> <ul style="list-style-type: none"> • Project History • Intended users • Anticipated number of users • Expected scope of work • Major tasks/ activities • Final deliverables / products
<p>Section 2. Benefits to Region and Local Community</p>	<p>Describe how the proposed project will benefit the region and affected local communities. Specifically, consider how the project helps to promote:</p> <ul style="list-style-type: none"> • MPO's four guiding principles • 2035 Plan's policy Initiatives, regional goals, and major objectives • Local neighborhood or community plans
<p>Section 3. Project Deliverables, Schedule, & Milestones</p>	<p>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.</p> <p>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.</p>
<p>Section 4. Budget Narrative</p>	<p>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.</p>

Proposal Narrative for SR 266/Stonecrest Parkway

Intersection Improvements

Submitted by

Kevin Rigsby, AICP

Town of Smyrna

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

Sam Ridley Parkway is the primary commercial corridor within the Town of Smyrna. Stonecrest Parkway serves a major regional hospital and several thousand square feet of medical office space. This intersection is also the first intersection east of the Interstate 24 interchange and Sam Ridley Parkway. In addition, a major local street (Cedar Grove Road) intersects with Stonecrest Parkway approximately 300 feet south of the intersection with Sam Ridley Parkway. All of these factors combine to contribute to make this intersection very congested. Several thousand cars per day travel Stonecrest Parkway, and the traffic on Sam Ridley Parkway at this location is in excess of 40,000 per day. This proposal would widen Stonecrest Parkway to add a dedicated straight through lane as well as modifications to the existing signalization and potential modifications to private commercial access points to Stonecrest Parkway. Particular attention will have to be paid to the issue of the existing commercial access points. The Town has received numerous complaints from adjacent property owners due to the congestion in this area blocking access to their properties. It is anticipated that these property owners will be heavily involved in any potential solutions. This project is in the current adopted TIP and is being requested to be moved over to the 14-17 TIP.

Section 2. Benefits to Region and Local Community

This project will benefit the region and local community by reducing travel times and improving air quality due to reduced idle time at this intersection. These benefits are directly in line with the guiding principles of the MPO, specifically #1, #2, and #3. Regional goals that this proposal supports include #1, #2, #4, #5, and #8, and Major Objectives supported include #1 and #9. The local community will additionally benefit by existing commercial properties being more accessible in peak travel times.

Section 3. Project Deliverables, Schedule, & Milestones

It is anticipated that the engineering for this proposal will be completed in FY 2013. Funding for this is in the FY 11-15 TIP. Implementation would begin within 90 days of completion of the engineering. Right-of-way would be purchased first, with construction to begin soon after completion of the right-of-way purchase. The project will be managed by Town staff, including the Town Planner, Director of Public Works,

and Engineer-of-Record. The Town of Smyrna has managed multiple road improvement projects that included intersection improvements, include 3 phases of Rock Springs Road, two phases of Enon Springs Road, and Old Nashville Highway.

Section 4. Budget Narrative

The funds needed to complete this project are vital to completion of the project. Matching funds are programmed in the Town's Capital Improvements Plan. These funds will be provided through either a bond issue or from the operating budget utilizing tax revenues.

CAPITAL IMPROVEMENTS PLAN

Department

5 Year

Current

Planned

Planned

Planned

Planned

Streets	Cost	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
COMPUTER ITEMS (UNDER \$4000)	\$12,350	\$3,650	\$2,400			
SIDEWALK REHAB	\$600,000	\$100,000	\$100,000	\$150,000	\$150,000	\$5,000
PAVING	\$2,100,000	\$100,000	\$500,000	\$500,000	\$500,000	\$500,000
EQUIPMENT (UNDER \$4000)	\$84,400	\$11,900	\$17,500	\$15,000	\$20,000	\$20,000
WEAKLEY LANE IMPROVEMENTS	\$140,000	\$55,000	\$55,000	\$30,000		
OLD ALMAVILLE ROAD IMPROVEMENT	\$5,250,000	\$0	\$250,000	\$4,000,000	\$1,000,000	
SIGNS	\$65,000	\$5,000	\$25,000	\$25,000	\$10,000	
1/24 TO SR/840 AND COOL SPRINGS STUDY	\$825,000	\$25,000	\$50,000	\$250,000	\$250,000	\$250,000
ROCK SPRINGS ROAD PHASE III	\$7,175,000	\$25,000	\$150,000	\$1,000,000	\$4,000,000	\$2,000,000
ROCKY FORKI-24 INTERCHANGE	\$400,000	\$100,000	\$100,000	\$100,000	\$100,000	
ENON SPRINGS RD WEST EXTENSION	\$7,000,000	\$1,500,000	\$2,750,000	\$2,750,000		
SIGNAL SYNC & TRAFFIC STUDY	\$340,000	\$70,000	\$70,000	\$50,000	\$100,000	\$50,000
JEFFERSON PIKE WIDENING	\$300,000	\$50,000	\$50,000	\$50,000		
SIGNAL MORTON & ALMAVILLE RD	\$42,500	\$27,500	\$15,000			
WIDENING STONCREST BLVD @ SAM RIDLEY	\$65,500	\$18,500	\$18,500	\$18,500	\$10,000	
PAVING EQUIPMENT / INFRARED & PATCH	\$250,000		\$150,000	\$50,000		
TRACTOR/MOWER W/SIDEARM	\$150,000		\$150,000			
RUBBER TIRE FRONT END LOADER	\$135,000		\$135,000			
BRIDGE IMPROVEMENTS / REPAIRS	\$400,000		\$100,000	\$100,000		\$100,000
SHOP BUILDING ADDITIONS	\$40,000		\$40,000			
PAVING MAINTENANCE/ ASSET SOFTWARE	\$15,000		\$15,000			
RETROFLECTIVITY SOFTWARE	\$10,000		\$10,000			
BRUSH TRUCK	\$135,000			\$135,000		
BACKHOE /LOADER	\$125,000			\$125,000		
4WD RIDING MOWER	\$80,000			\$40,000		\$40,000
Sub total Streets		\$2,091,550	\$4,753,400	\$9,388,500	\$6,381,300	\$3,125,000

Funding Source:
 CAPITAL OUTLAY NOTE
 GENERAL FUND
 DEBT PROCEEDS
 STATE STREET AID
 IMPACT FEES
 GRANTS

	\$58,650
	\$0
	\$211,900
	\$5,000
	\$1,816,000
	\$0

Sub total net of revenues Streets	\$0	\$4,753,400	\$9,388,500	\$6,381,300	\$3,125,000
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