

Received by: _____

Date: _____

FYs 14-17 TRANSPORTATION IMPROVEMENT PROGRAM GRANT APPLICATION		Infrastructure	
PROJECT NAME	Dickerson Pike Sidewalk Improvements		
LEAD AGENCY	Metropolitan Government of Nashville and Davidson County Public Works Department		
PROJECT TYPE	<input checked="" type="checkbox"/> On-Road Improvements <input type="checkbox"/> Off-Road Improvements <input type="checkbox"/> Amenities/ Enhancements		
ROADWAY OR NEAREST INTERSECTION	Dickerson Pike and Douglas Avenue	TERMINI (TO/FROM)	LENGTH (MILES)
		From Douglas Avenue to Trinity Lane	0.80 miles
COUNTIES	<input checked="" type="checkbox"/> Davidson <input type="checkbox"/> Rutherford <input type="checkbox"/> Sumner/Robertson <input type="checkbox"/> Williamson/Maury <input type="checkbox"/> Wilson		
BRIEF DESCRIPTION	Construct a sidewalk, green zone, and pedestrian enhancements along the east side of Dickerson Pike.		
PROPOSED ELEMENTS		PROJECT HISTORY	
<input checked="" type="checkbox"/> Sidewalks <input checked="" type="checkbox"/> Curb Ramps <input checked="" type="checkbox"/> Crosswalk <input type="checkbox"/> Signalization/ Traffic Control <input type="checkbox"/> Intelligent Transportation System <input 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 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 type="checkbox"/> Project in TIP ID# _____ <input type="checkbox"/> Not in TIP, LRTP Project ID# _____ <input type="checkbox"/> Existing Project, Not in TIP or Plan <input checked="" type="checkbox"/> New Project <input type="checkbox"/> Other: _____	
		GRANT FUNDING SUMMARY (NEW REQUESTS)	
		<i>Fiscal Year</i>	<i>Federal Requested</i>
		2014	\$ 1,040,000
		2015	\$ 920,000
		2016	\$ 3,360,000
		2017	\$
		Total	\$ 5,320,000
			<i>Match</i>
			\$ 230,000
			\$ 230,000
			\$ 840,000
			\$
			\$ 1,330,000
*Please complete the PROJECT BUDGET WORKSHEET form and include any funding from other sources of revenue.			
AGENCY CONTACT INFORMATION			
Name	Billy Davis - Matt Lott	E-mail	billy.davis@nashville.gov
Title	Contract Manager	Phone	615.862.8760
Department	Metro Public Works		
Agency/ Organization	Metroploitan Government of Nashville and Davidson County		

Dickerson Pike Sidewalk Improvements

Section 1

The planned sidewalk improvement is along Dickerson Pike from Douglas Avenue to Trinity Lane, approximately 4,300 feet.

Project History

The Dickerson Pike Business Community supports the installation of the sidewalk along Dickerson Pike. The proposed sidewalk would link the retail businesses and provide safe access for school children to walk to Shwab Elementary School. Recently the MDHA completed an urban revitalization of Dickerson Pike, from Ellington Parkway to Douglas Avenue, with construction of decorative roadway streetscape at intersections, new sidewalk construction, and pedestrian enhancements. The MDHA project is adjacent to the planned sidewalk improvements for this project.

Existing Site Conditions:

Dickerson Pike is a highly travelled route with an Annual Average Daily Traffic count (AADT) of 11,572 (2011) and a posted speed limit of 40 mph. Pedestrians currently traverse along the roadway edge or along narrow shoulders within this corridor, creating potential hazards for both pedestrians and motorists. Vehicular travel is along 4 -12' travel lanes and a center turn lane for left turns along Dickerson Pike. The planned sidewalk project will extend the existing sidewalk network on Dickerson Pike, existing sidewalk network on Trinity Lane, and existing sidewalk network on Douglas Avenue.

Pertinent Information:

1. 4 - 12' vehicular travel lanes with a center turn lane,
2. State route 11,
3. The only existing sidewalks are located on Douglas Avenue, Trinity Lane, and on Dickerson Pike south of Douglas Avenue,
4. Adjacent properties are zoned commercial,
5. Shwab Elementary school within project limits,
6. The children that live in the neighborhood walk to Shwab Elementary School,
7. There are two high density residential areas located in the vicinity of the project,
8. AADT of 11,572 (2011).

Roadway Use

The primary users of Dickerson Pike are vehicular motorists. With the unsafe conditions to travel by foot, few persons use the roadway to walk to potential destinations. The anticipated users of Dickerson Pike are persons that will travel by vehicles and pedestrians. The construction of the recommended typical section will provide a safer means of travel for pedestrians and motorists along Dickerson Pike to the business districts, restaurants, and shops along Dickerson Pike. With a safer means of travel for pedestrians, the number of users will increase.

Major Tasks/ Activities

The following will be required to construct the sidewalk improvements:

1. Survey and preliminary engineering design options. The options will provide potential impacts to the existing property owners and utility infrastructure,
2. Engineering design plans, construction documents, and cost estimates,

3. Obtain necessary construction permits and environmental permits,
4. Obtain necessary right-of-way and easements for the proposed sidewalk improvements,
5. Utility relocation,
6. Assemble bid documents and specifications,
7. Monitor project during construction to insure construction activities are in compliance to the construction documents and specifications,
8. Provide as-built drawings of the proposed improvements.

Final Deliverables/Products

The proposed sidewalk improvements will consist of curb and gutter, sidewalks, pedestrian enhancements, green zone, and storm sewer system along the east side of Dickerson Pike from Douglas Avenue to Trinity Lane. All construction will be performed in compliance with AASHTO and ADA standards (latest editions).

Section 2

The construction of the recommended improvements for Dickerson Pike will provide a safer means of travel for pedestrians and motorists along Dickerson Pike to the business districts, commercial enterprises, adjacent neighborhoods, and restaurants. With sidewalks along Dickerson Pike, residents of the adjacent communities will have a better opportunity to visit the neighborhood school, visit surrounding neighborhoods, transit routes, exercise, and shop at local retail businesses.

With the planned improvements, the development along Dickerson Pike can be proactive with the additional infrastructure and increased mobility for pedestrians and motorists. The improvements along Dickerson Pike can promote increased use of sidewalk networks of adjacent communities.

Section 3

Dickerson Pike Time Line – Design, Permits, R.O.W Acquisition, and Construction

Award and Notification of Project	Fall 2013
Survey, Preliminary Design, and Environmental Studies	Spring 2014 - Fall 2014
Finalize design, quantities, and construction documents	Summer 2014 - Spring 2015
Right-of-Way Acquisition	Summer 2015 - Spring 2016
Utility Construction	Winter 2015 - Winter 2016
Construction	Winter 2016 - Fall 2017

The program management team will generate schedule(s), conduct meetings with key personnel, establish goals, maintain the documentation from the project and the different governmental agencies, and perform necessary tasks to insure timely completion of the tasks, designs, permits, construction, and documentation. On regular basis governmental agencies meetings will be held to report the progress of the project.

Comparable Projects

28th Avenue North

Manage design, provide necessary funding, assemble bid documents, and manage construction of an urban roadway section. The improvements included vehicle travel lanes, shared use paths, improved storm water infiltration, green zones, street lighting, streetscape fixtures, a cast in-place bridge over CSX railroad, and intersection improvements at Charlotte Pike and Park Plaza. The estimated cost \$18,500,000 and final cost was within budget. The estimated construction duration is 490 days and construction was completed on time.

Koreans Veterans Boulevard

Manage design, provide necessary funding, assemble bid documents, and manage construction of a four lane roadway in downtown Nashville. The improvements included pervious concrete, roundabout at the intersection with 8th Avenue South, sidewalks, bike lanes, green zones, street lighting, streetscape fixtures, new storm water system, relocation of existing utility facilities, and tie in to existing businesses. The project is still under construction. The estimated cost is \$44,000,000 and the projected final cost is within budget. The estimated construction duration is 450 days and actual construction is ahead of schedule.

Section 4

Budget Narrative

Roadway Construction	\$3,800,000
Utility Relocation	\$900,000
Engineering	\$500,000
Program Management	\$300,000
Right-of-way and Easements	\$650,000

Estimated Probable Cost **\$6,150,000**

The matching funds for the proposed roadway and bridge improvements will be funded from the capital budget for the Public Works Department.

Figure B

Dickerson Pike Sidewalk Enhancement

Legend

- Planned Sidewalk
- Existing Sidewalk
- Public School
- Head Start



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