

FYs 14-17 TRANSPORTATION IMPROVEMENT PROGRAM GRANT APPLICATION		Infrastructure	
PROJECT NAME	Harding Place Sidewalk Improvements		
LEAD AGENCY	Metropolitan Government of Nashville and Davidson County Public Works Department		
PROJECT TYPE	☒ On-Road Improvements ☐ Off-Road Improvements ☐ Amenities/ Enhancements		
ROADWAY OR NEAREST INTERSECTION	Harding Place and Danby Drive	TERMINI (TO/FROM)	LENGTH (MILES)
		From Danby Drive to Nolensville Pike	1.1 miles
COUNTIES	☒ Davidson ☐ Rutherford ☐ Sumner/Robertson ☐ Williamson/Maury ☐ Wilson		
BRIEF DESCRIPTION	Construct a sidewalk, green zone, and pedestrian enhancements along the south side of Harding Place.		
PROPOSED ELEMENTS		PROJECT HISTORY	
☒ Sidewalks ☒ Curb Ramps ☒ Crosswalk ☐ Signalization/ Traffic Control ☐ Intelligent Transportation System ☐ Signage ☐ Bus/ Transit Stop ☐ Transit Service ☐ Transit Capital ☒ Pedestrian Amenities ☐ Bicycle Parking (Rack, Locker) ☐ Shared Lane ☐ New Greenway ☐ Greenway Extension ☐ Greenway Amenities ☐ Connection to School ☐ Connection to Transit Stop		☐ Project in TIP ID# _____ ☐ Not in TIP, LRTP Project ID# _____ ☐ Existing Project, Not in TIP or Plan ☒ New Project ☐ Other: _____	
		GRANT FUNDING SUMMARY (NEW REQUESTS)	
		Fiscal Year	Federal Requested
		2014	\$ 960,000
		2015	\$ 320,000
		2016	\$ 640,000
		2017	\$ 2,800,000
		Total	\$ 4,720,000
		Match	
		\$ 240,000	
		\$ 80,000	
		\$ 160,000	
		\$ 700,000	
		\$ 1,180,000	
		*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	Metropolitan Government of Nashville and Davidson County		



OFFICIAL USE:

Received by:

Date:

FYs 14-17 TIP PROJECT BUDGET WORKSHEET PROPOSAL NAME:				Harding Place Sidewalk Improvements			
FISCAL YEAR	PROPOSED PHASE/ TASK/ ACTIVITY	GRANT FUNDS	LOCAL MATCH	OTHER FEDERAL	OTHER LOCAL	OTHER SOURCE	TOTAL FUNDING
2014	Engineering	\$ 720,000	\$ 180,000	\$ 0	\$ 0	\$ 0	\$ 900,000
2014	Program Management	\$ 240,000	\$ 60,000	\$ 0	\$ 0	\$ 0	\$ 300,000
2015	Right-of-Way Acquisition	\$ 320,000	\$ 80,000	\$ 0	\$ 0	\$ 0	\$ 400,000
2016	Utilities	\$ 640,000	\$ 160,000	\$ 0	\$ 0	\$ 0	\$ 800,000
2017	Construction	\$ 2,800,000	\$ 700,000	\$ 0	\$ 0	\$ 0	\$ 3,500,000
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
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		\$	\$	\$	\$	\$	\$
		\$	\$	\$	\$	\$	\$
TOTAL		\$ 4,720,000	\$ 1,180,000	\$	\$	\$	\$ 5,900,000

Harding Place Sidewalk Improvements

Section 1

The planned sidewalk improvement is along Harding place from Danby Drive to Nolensville Pike, approximately 5,800 feet.

Project History

There has been numerous meetings in support for sidewalks to be constructed along Harding Place. From the meetings and support to construct sidewalks, two segments along Harding Place were awarded grants from the TDOT Enhancement Program. One segment of Harding Place that was awarded a grant is from Timberhill Drive to Danby Drive. The second segment of Harding place that was awarded a grant is from Nolensville Pike to Tampa Drive. The proposed project will connect the two (2) TDOT projects providing connectivity from I-65 to I-24, approximately 3.6 miles. In addition Senator Douglas Henry, House of Representative Janis Sontany, and Councilmember Greg Atkins, have provided letters of endorsement for the awarded projects.

Existing Site Conditions:

Harding Place is a highly travelled route with an Annual Average Daily Traffic count (AADT) of 28,333 (2011) and a posted speed limit of 40 mph. Pedestrians currently traverse along the roadway edge, along narrow shoulders, or in the roadside ditches 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 Harding Place. The planned sidewalk project will extend the existing sidewalk network on Harding Place, existing sidewalk network on Danby Drive, and existing sidewalk network on Nolensville Pike.

Pertinent Information:

1. 4 - 12' vehicular travel lanes with a center turn lane,
2. State Route 255,
3. Adjacent properties are zoned commercial and residential,
4. One church within the project limits,
5. Norman Binkley Elementary school within the project limits,
6. The connecting existing sidewalk network on Danby Drive provides access to the Nashville Zoo,
7. AADT of 28,333 (2011).
8. Two recent awarded TDOT enhancement projects: On Harding Place from Timberhill Drive to Danby Drive and on Harding Place from Nolensville Pike to Tampa Drive.

Roadway Use

The primary users of Harding Place 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 Harding Place 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 Harding Place to the business districts, restaurants, and shops along Harding Place, Trousdale Drive, and Nolensville 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 on the south side of Harding Place from Danby Drive to Nolensville Pike. All construction will be performed in compliance with AASHTO and ADA standards (latest editions).

Section 2

The connectivity of sidewalks from I-65 to I-24 and the recommended improvements for Harding place will provide a safer means of travel for pedestrians and motorists along Harding Place to the business districts, commercial enterprises, adjacent neighborhoods, and restaurants. With sidewalks along Harding Place, residents of the adjacent communities will have a better opportunity to visit parks, schools, churches, transit routes, exercise, and shop at local retail businesses. The improvements along Harding Place can promote increased use of sidewalk networks of adjacent communities.

Section 3

Harding Place Time Line – Design, Permits, R.O.W Acquisition, and Construction

Award and Notification of Project	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
Utilities	Spring 2016 - Spring 2017
Construction	Spring 2017 - Winter 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

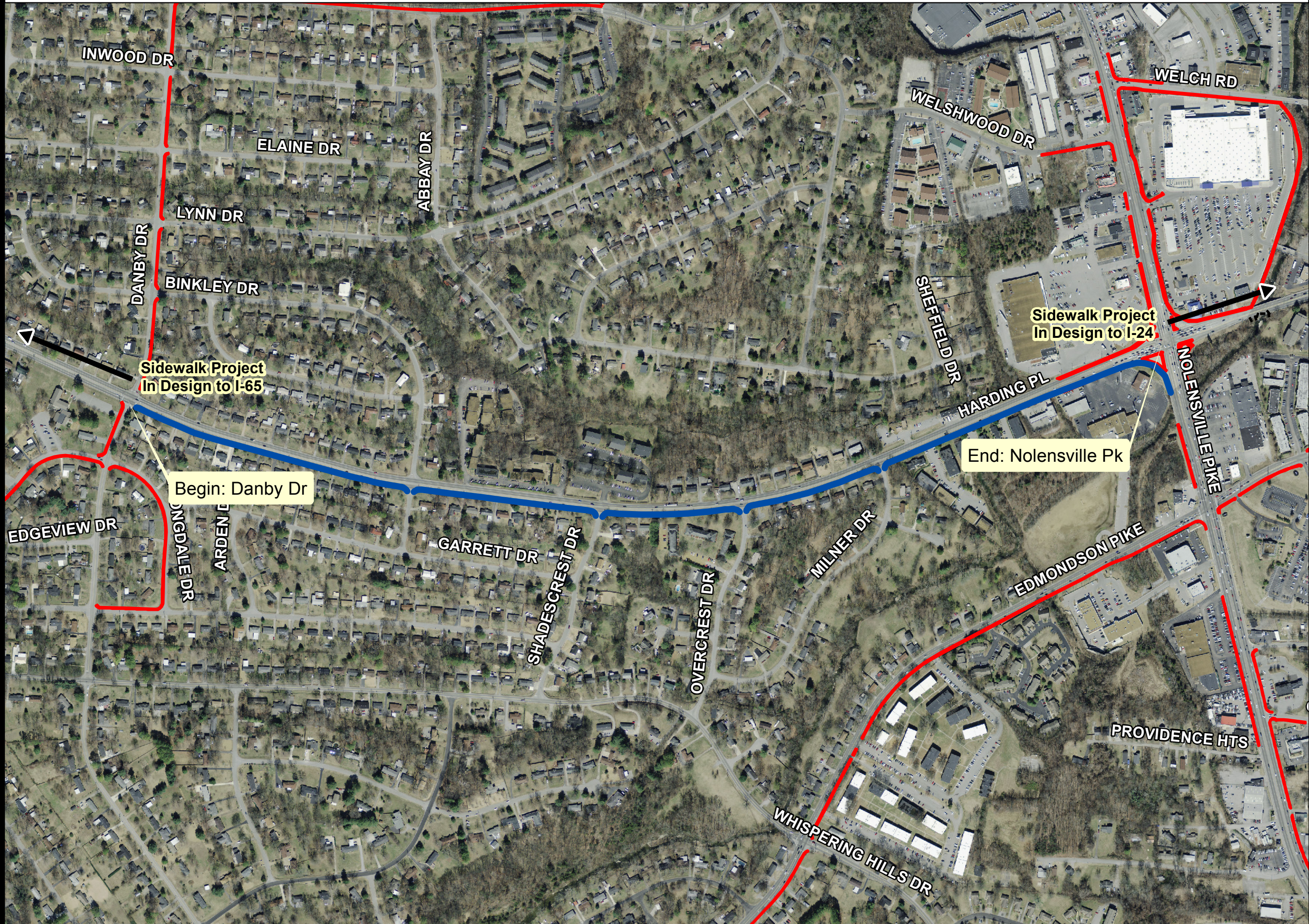
Budget Narrative

Roadway Construction	\$3,500,000
Utility Relocation	\$800,000
Engineering	\$900,000
Program Management	\$300,000
Right-of-way and Easements	\$400,000

Estimated Probable Cost \$5,900,000

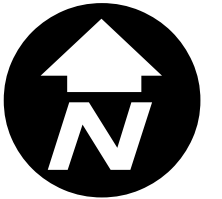
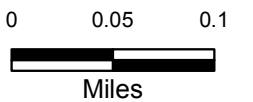
The matching funds for the proposed roadway and bridge improvements will be funded from the capital budget for the Public Works Department.

HARDING PLACE SIDEWALK IMPROVEMENTS



Legend

-  Planned Sidewalk
-  Existing Sidewalk



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Created For:
Metro Nashville
PUBLIC WORKS

Created By:
CIVIC
EXPERIENCE | TECHNOLOGY | PROGRESS
Designed By: Kevin Cross