

GRANT APPLICATION SUMMARY SHEET

Grant Name: Tennessee Highway Safety Bike 17-18

Department: POLICE DEPARTMENT

Grantor: U.S. DEPARTMENT OF TRANSPORTATION

Pass-Through Grantor (If applicable): TN DEPT OF SAFETY & HOMELAND

Total Applied \$12,219.29

Metro Cash Match: \$0.00

Department Contact: Jim Stephens
880-2850

Status: CONTINUATION

Program Description:

Funding from this grant will be used to conduct vehicle and bicycle stops for the purpose of educating the public and issuing citations. This education and enforcement will help gain compliance with state and local ordinances.

Plan for continuation of services upon grant expiration:

Project is totally grant funded and will cease upon expiration of the grant.

APPROVED AS TO AVAILABILITY OF FUNDS:

APPROVED AS TO FORM AND LEGALITY:

Homayodnewe 3-23-18
 Director of Finance Date

Mark Sice 3/26/18
 Metropolitan Attorney Date

APPROVED AS TO RISK AND INSURANCE:

TRCW 3/26/18
 Director of Risk Management Date
 Services

David Long 3/26/18
 Metropolitan Mayor Date

(This application is contingent is upon approval of the application by the Metropolitan Council).

Tennessee Highway Safety Office 2018

Contact and Project Information

Metropolitan Nashville Police Department

THSO-2018-MetroNashVIPD-PT-00413

Project Title: Nashville Bike Grant
Project Type: Police Traffic Services
Project Director: James Stephens
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Financial Officer: Barbara Gmerek
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Claim and Reporting Frequency: Monthly Quarterly

Tennessee Highway Safety Office 2018

Problem Statement

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Identify current problems. Include summary of past and current THSO Projects. Focus on human, vehicle, and environmental factors contributing to crashes and their severity; identify target locations. Use data to support the need for the project (include at a minimum, data over a three year period). Include an explanation as to how the problem was documented.

Over the past several years the Nashville area has seen a dramatic increase in its population. In recent estimates, it has been calculated that over eighty-five people are moving into the Nashville area every day. This population explosion has made Nashville one of the fastest growing cities in the country. As a result of this population explosion, Nashville has seen a dramatic increase in its vehicular traffic. To avoid some of this congestion, more and more individuals are walking and cycling to work and entertainment.

During the same period of time, the city of Nashville has created a new health initiative. This new health initiative encouraged Nashville residents to walk and bike through the city. Greenways and bike lanes were created throughout the city to encourage pedestrian and cycling traffic. As a result more and more individuals are walking and cycling throughout the city.

Coupled with a desire for a healthier lifestyle and avoidance congested traffic, more and more individuals are walking and biking in Nashville. With this increase in vehicular, pedestrian and bike traffic, Nashville has also seen a steady increase in traffic accidents and fatalities involving pedestrians and cyclists.

2014 2015 2016 2017

Accidents Involving Pedestrians 299 359 416 405

Fatalities Involving Pedestrians 18 18 16 23

Accidents Involving Cyclists 67 93 78 89

Fatalities Involving Cyclists 0 0 1 0

There are number of factors that are leading to the high rate of pedestrian and bicycle fatalities and injuries in Davidson County. Best practices indicate that the route to improving safety is through Education and Enforcement. Money from this grant will allow us to fund the enforcement aspect. Through our enforcement efforts officers will be able to educate the public as well.

Education of the public and police department is a first step towards achieving safer streets. It is clear from the crash data that certain types of streets within Davidson County are far more likely to see severe crashes, our streets and major arterials. As Nashville's roads change, becoming more dense and commercial, it is essential that drivers learn to operate safely in these areas. They need to learn to expect people trying to cross the street, walking to shops, and respond accordingly. Nashville's roads now require that drivers remain alert and focused. There must be a targeted effort to reduce distracted driving, driving at high speeds, and consideration for those trying to get around on foot or bike.

Similarly, there is a need to educate the public about how to get around safely on foot or bicycle. Many people are trying out bike riding for the first time and where never taught rules of the road or best practices for staying safe. And many neighborhood groups are now looking for information as to how they can involve promoting safer streets in their community for those who are on foot, by choice or necessity.

Just as there is a need to provide education to the driving, bicycling and walking public, there is also a need to provide education for law enforcement officers. Many of these officers were trained at a time when walking and biking were not popular forms of transportation in Nashville. Many have also never walked or biked down our busy corridors and may not be aware of bike/pedestrian laws or have a full understanding of the challenges faced by our most vulnerable road users. This new source of funding will be used to educate these officers on these types of traffic laws.

Tennessee Highway Safety Office 2018

Problem Statement

Metropolitan Nashville Police Department

THSO-2018-MetroNashVIPD-PT-00413

The past has also shown that education is not enough for promoting safer streets. Traffic enforcement reinforces all of the principles taught through the educational program. This new funding will allow the Metropolitan Nashville Police Department to specifically assign officers in an overtime capacity to enforce traffic laws which focus on pedestrians and cyclists.

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Goals and Objectives

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

List the specific goals and objectives for the project.

It is the goal of the Nashville Bike Grant to conduct vehicle and bicycle stops for the purpose of both educating and the issuance of citations for the purpose of gaining compliance with state and local ordinances. Our goal is to conduct the following:

10 Enforcement Initiatives (4-6 hours of Enforcement / initiative)

100 Vehicle stops

25 Bike stops

In addition to the enforcement efforts documented above, it is our goal to utilize grant funds to purchase a c3ft Enforcement Bicycle. The addition of this equipment would permit officers to bring scientific evidence into the courtroom for the purpose of successful testimony relating to distance allowance statutes.

Identify the target groups where the solution is designed to affect.

The use of vehicle stops creates police and citizen interactions for the purpose of educating as well as citing non-compliant driving behavior. These stops give officers the opportunity to interact with motorists to explain current regulations regarding sharing of roadways between vehicles, bicycles and pedestrians. Our target groups will be motorists and cyclists that are observed violating statutes relating to cycling and distracted operation.

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Interventions

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Describe the chosen interventions.

We will conduct 10 separate interventions between the months of May and October. Each intervention will last between four to six hours. We will utilize one officer on a bike and two officers in police vehicles utilized to conduct vehicle and bicycle stops as the officers witness violations of the 3 foot law and any other violation relating to bike and pedestrian safety.

Describe the rationale behind the interventions (i.e., why you believe the intervention(s) will work).

The use of vehicle stops creates police and citizen interactions for the purpose of educating as well as citing non-compliant driving behavior. These stops give officers the opportunity to interact with motorists to explain current regulations regarding sharing of roadways between vehicles, bicycles and pedestrians.

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Resources

Metropolitan Nashville Police Department

THSO-2018-MetroNashVIPD-PT-00413

Describe the resources to be used in carrying out the intervention(s):

Manpower requirements and how they will be utilized

We intend on staffing each intervention with the following:

1 - Supervisor

3 - Officers

This will allow for one officer on a bike and two officers in police vehicles. These operations will be conducted during various days and times during the week. We will be conducting these interventions between the months of May and October.

Equipment requirements and how it will be utilized

1) police vehicle

2) bicycle and safety equipment (c3ft Enforcement Cycle purchased with grant funds)

All Police vehicles will be operated within the current requirements of MNPDP policy.

Bicycles will be utilized by plain clothed officers operating according to state and local ordinances.

Training requirements

All officers utilizing a bicycle during the initiatives will be Law Enforcement bicycle certified.

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Schedule of Tasks

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

List performance schedule of tasks by quarters referring specifically to the tasks you provided in the Proposed Solution and Defining the Components of the tasks to be accomplished by quarters. Identify the person(s) responsible for each task. Tasks that extend beyond one quarter should specify the elements of the tasks that are to be performed for the particular quarters.

First Quarter (Oct., Nov., Dec.):

Tasks

1 No tasks during the 1st quarter.

Second Quarter (Jan., Feb., Mar.):

Tasks

1 No tasks during the 2nd quarter.

Third Quarter (Apr., May, Jun.):

Tasks

1 Up to 5 interventions during the months of May and June. Third quarter report to be completed by grant administrator.

Fourth Quarter (Jul., Aug., Sep.):

Tasks

1 Up to 5 interventions during the months of July, August and September. The fourth quarter report and final report to be completed by grant administrator.

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Method of Evaluation

Metropolitan Nashville Police Department

THSO-2018-MetroNashVIPD-PT-00413

What data will be collected (crash statistics, fatalities, case load, survey, etc.)?

The data to be collected will include:

- 1) vehicle stops
- 2) cyclists stopped
- 3) pedestrians stopped
- 4) Citations issued

How will the data be collected?

This data will be collected by utilizing MNPDP form 253 (shift activity report).

How often will data be collected and compared?

This data will be collected at the end of each initiative.

Tennessee Highway Safety Office 2018
Self-Sufficiency Plan

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Outline below the plan to ensure that the traffic safety program will become self-sufficient once Federal funding has expired.

At the conclusion of this grant period the success of the program will be measured. If measures indicate a successful decrease in crashes involving pedestrian and cyclists, the MNPd is currently equipped with the necessary manpower and equipment to sustain the program.

**Tennessee Highway Safety Office 2018
Personnel**

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Classification	Number	Title	Pay Rate	Period Type	Number of Pay Periods	Sub-Total	Benefits	Sub-Total	Total
Overtime	1	Sergeant	\$2,178. 00		1.00	\$2,178.00	20.1500%	\$438.8 7	\$2,616.87
Overtime	3	Police Officer II	\$1,693. 00		1.00	\$5,079.00	20.1500%	\$1,023. 42	\$6,102.42
								Total	\$8,719.29

Tennessee Highway Safety Office 2018
Professional Fees

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Classification

Description

Total

\$0

Total

\$0

Tennessee Highway Safety Office 2018
Non-Personnel (Small Equipment, Supplies, etc.)

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Name	Classification	Cost	Quantity	Total
VX7 APB 2X10 Bicycle & Accessories	Small Equipment	\$1,900.00	1	\$1,900.00
C3FT Bicycle Device	Small Equipment	\$1,600.00	1	\$1,600.00
			Total	\$3,500.00

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Travel, Meetings & Conferences

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Name	Classification	Cost	Quantity	Total
			0	\$0
Comments			Total	\$0

Tennessee Highway Safety Office 2018
Other Non-Personnel

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Name	Classification	Cost	Quantity	Total
		\$0	0	\$0
			Total	\$0

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Insurance

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Name	Classification	Cost	Quantity	Total
	Insurance	\$0	0	\$0
			Total	\$0

Tennessee Highway Safety Office 2018
Equipment (\$5,000 or more)

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Equipment Name	Equipment Description	Classification	Cost	Quantity	Total
		Equipment		0	\$0
		Equipment			
				Total	\$0

Tennessee Highway Safety Office 2018

Indirect Cost and Revenue Source

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Audited rate as determined by cognizant federal agency or the state Comptroller's Office subject to approval by NHTSA-Explain and submit copy of Certificate of Indirect Cost (maximum allowed = 15%)

Indirect Cost: 0.00%

Certificate of Indirect Cost:
Revenue Sources

Federal:	100%
Local Government:	0%
Other:	0%
Total:	100%

Tennessee Highway Safety Office 2018

Budget Summary

Metropolitan Nashville Police Department

THSO-2018-MetroNashvIPD-PT-00413

Expense Object Line-Item Category

Salaries and Benefits & Taxes		\$8,719.29
Professional Fee, Grant & Award		\$0
Non-Personnel		\$3,500.00
Travel, Conferences & Meetings		\$0
Other Non-Personnel		\$0
Insurance		\$0
Capital Purchase		\$0
Indirect Cost	0.00%	\$0
Grand Total		\$12,219.29