

(The Applicant Agency)

(The Governing Body of the Agency)

THEREFORE, NOW BE IT RESOLVED BY THE Town of Huntersville IN OPEN
(Governing Body)

THIS 7th DAY OF August, 20 17, AS FOLLOWS:

3. That the Governing Body has formally appropriated the cash contribution of \$ 34,901.00 as (Local Cash Appropriation) required by the project contract; and

(Chairperson/Mayor)

(Clerk)

DATE _____

North Carolina Governor's Highway Safety Program Traffic Safety Project Contract – Form GHSP-01

SECTION A – GENERAL INFORMATION

1. Agency: TOWN OF HUNTERSVILLE	4. Contact Person for Agency: Nicholas Bruining				
2. Agency Address: PO Box 664 HUNTERSVILLE, NC 28070	5. Telephone Number: * +1 (704) 464-5400				
	6. Cell Phone: +1 (704) 947-9200				
3. Physical Location of Agency * 9630 Julian Clark Avenue, Huntersville, NC 28078	7. Email of Contact Person * nbruining@huntersville.org				
8. Federal Tax ID Number / Type of Agency Federal Tax ID Number: * 56-6001252 DUNS No : * 047134358 County: * MECKLENBURG COUNTY Type of Agency <input type="radio"/> State <input type="radio"/> Non-Profit <input type="radio"/> County <input type="radio"/> Higher Education <input checked="" type="radio"/> Municipality <input type="radio"/> Hospital	9. Project Year * <input checked="" type="radio"/> New <input type="radio"/> Continuation Year: <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4+				
	10. Allocation of Funding * <table style="width: 100%;"> <tr> <td style="text-align: right;">Federal %</td> <td style="text-align: right;">85.00</td> <td style="text-align: right;">Local %</td> <td style="text-align: right;">15.00</td> </tr> </table>	Federal %	85.00	Local %	15.00
Federal %	85.00	Local %	15.00		
11. Project Title: * Huntersville Traffic Safety Grant					

12. Budget	Source of Funds		
	Total Project Amount	Federal Amount	State/Local Amount
Personnel Costs	\$109,676.00	\$93,225.00	\$16,451.00
Contractual Services			
Commodities Costs			
Other Direct Costs	\$123,000.00	\$104,550.00	\$18,450.00
Indirect Costs			
Total Project Costs	\$232,676.00	\$197,775.00	\$34,901.00

13. Specify How Non-Federal Share Will Be Provided:
 The Town of Huntersville will allocate funding.

Project Number: _____	CFDA#: 20.
	Work Type: _____

SECTION B – DESCRIPTION OF PROJECT

Statement of Problem (Provide detailed information of the highway safety problems in your area to be addressed through this project. Include countywide crash data for the last three years and any other relevant information to validate the statements. For more detailed information see "How to write an effective traffic safety project" located at:

<https://connect.ncdot.gov/municipalities/Law-Enforcement/Pages/Law-Enforcement-Reporting.aspx>)

Mecklenburg County is rated 1st in North Carolina for traffic fatalities over the last five years, and led the state in the year 2015 with 80 traffic related fatalities stemming from 75 fatality crashes. From 2011 to 2015 Mecklenburg County had 358 traffic fatalities, 140 of which were alcohol related (39%). 90 of the fatalities were a result of an unrestrained motorist. In addition, Mecklenburg County ranked #1 in the categories of serious injury crashes (795), alcohol related fatality crashes (140) and speed related fatality crashes (101). Mecklenburg County ranked #2 in young driver fatality crashes (53). In 2015 the Huntersville Police Department investigated 2 fatality crashes, resulting in 3 fatalities. In 2016 the Huntersville Police Department investigated 5 fatality crashes, resulting in 6 fatalities.

The Town of Huntersville is located in northern Mecklenburg County and serves as a buffer between the City of Charlotte and the Lake Norman area. Home to 58,757 people with an anticipated population of 60,469 by 2018, Huntersville incorporates 40

square miles of residential, commercial and industrial properties, as well as Central Piedmont Community Colleges Merancas Campus. According to recent census information, the Town of Huntersville has grown over 75% in the last 10 years, and is estimated to increase to over 73,000 residents by the year 2020. Huntersville is split North to South by Interstate 77, a heavily traveled highway that many residents use on a daily basis for commuting. Additionally, residents from the nearby Towns of Cornelius, Davidson, Mooresville, and the City of Statesville routinely pass through Huntersville on their way to Charlotte. To the South of Huntersville is Interstate 485 which encircles the City of Charlotte. Both of these highways contribute to the continued economic growth of Huntersville. Adding to the congestion is Lake Norman, a 50 square mile man made lake that restricts roadway access and funnels traffic either to the west (through Lincoln and Catawba Counties) or to the East (straight through Huntersville via I-77). According to recent census information the Town of Huntersville has experienced a roughly 12% population increase since 2010 with no indications of slowing down. The estimated median household income is \$90,000, and the average home value is \$250,000. 95% of Huntersville residents have a high school degree or higher.

The Huntersville Police Department currently has 92 sworn officers, 52 of which are assigned to the Patrol Division. This comes out to a ratio of about 1.5 officers per 1,000 residents. The very active Traffic Safety Section was created in 2001 to meet the needs of the growing community and increase in traffic. It consisted of 4 officers and a sergeant, and has not expanded since that time. In 2014 the Traffic Safety Section started a motor unit, and two officers are assigned to Harley Davidson motorcycles on a full time basis. The other two officers utilize unmarked vehicles for traffic enforcement. The Traffic Safety Section is responsible for all fatality crash investigations, all serious injury crash investigations, and responds to other injury and property damage crashes when necessary. In 2016 the Traffic Safety Section investigated 5 Fatality Traffic Crashes. Every fatality investigation entails a very thorough investigation and reconstruction, and as a result of these investigations 4 out of the 5 resulted in charges against an offending driver. The unit also conducts directed traffic enforcement patrol based on crash statistics, complaint areas, and high traffic areas. The two full time motor officers are assigned primarily to day shift assignments and are utilized to assist with the weekday traffic congestion issues. Utilizing the philosophy of the "3 E's", officers continuously identify traffic problem areas and determine whether the issues can be improved through Engineering, Education, or Enforcement. Weekends and holidays are also targeted for Driving While Impaired enforcement. The officers assigned to the Traffic Safety Section are highly trained in crash investigations as well as specialized enforcement techniques and DWI investigations. During the last year the Traffic Safety Section accounted for over 16% of the total citations issued by the Huntersville Police Department and investigated over 27% of all reported traffic crashes. Additionally, the Traffic Safety Section is responsible for educational outreach to the local schools. In its jurisdiction Huntersville has two public high schools (North Mecklenburg High School and Hopewell High School), a charter school (Lake Norman Charter School) and a private Christian school (Southlake Christian Academy). In 2016 the Traffic Safety Section developed the program "No Second Chances" and delivered the presentation to Hopewell High School and North Mecklenburg High School. The program included a guest speaker (Holly Vasquez, survivor of an alcohol related crash), a mock crash scene, and videos. The Traffic Safety Section is involved in other programs including DARE camp, Safety Town, and the Citizens Police Academy. The motorcycle officers have also taken an active role in BikeSafe NC and are currently certified BikeSafe assessors. In 2015, the Traffic Safety Section implemented biweekly Child Safety Seat Checking Stations. Every Traffic Officer is a certified Child Safety Seat Technician and an estimated 300 child seats were checked and/or inspected.

As the Town of Huntersville grows, so does the traffic congestion. There are currently multiple projects in the preliminary and/or planning stages to improve road conditions, however many of these projects are long term and will take many years to finish. Some of the projects, including the I-77 Toll Lane project, has already had a dramatic effect on traffic in the area while construction is underway. Additional traffic projects slated for the next two years include the redesign of the Hambricht Road overpass to accommodate Toll Lanes, the widening of Statesville Road, the redesign of the intersection of Statesville Road and Gilead Road as well as the implementation of a Diverging Diamond Interchange on Gilead Road over I-77. These current and upcoming construction projects are anticipated to have a significant negative impact on traffic in the area, will increase congestion on already over congested roadways, and traffic crashes are projected to increase. Due to the vigilant efforts of the Traffic Safety Section, traffic crashes have only increased 3.4% in the town limits from 2015 to 2016. That being said, the Traffic Safety Section investigated 5 fatality crashes in 2016, up 60% from the previous year.

The goal of this grant is to expand the existing Traffic Safety Section to meet the growing demands of the growing population. By increasing the number of officers assigned to the Traffic Safety Section the Huntersville Police Department will be able to more effectively conduct directed patrols in the high crash areas, continue and expand community programs and more efficiently investigate serious injury and fatality crash investigations. The addition of two traffic officers will assist with the constant demand for increased Driving While Impaired enforcement as well as directed enforcement patrols. These additional officers will also assist with the various educational programs and fatality and serious injury related crashes.

With the assistance of this grant the Huntersville Police Department will strive to improve the quality of life for the residents of the Town of Huntersville by implementing the following goals and objectives:

Goal 1-To reduce the number of motor vehicle crashes by 10% from 2081 in 2016 to 1873 by the end of fiscal year 2018.
Objective 1- Identify the top 5 crash areas and conduct directed traffic enforcement campaigns monthly. Utilize the Huntersville Police Department's social media accounts to educate the motoring public about safe driving habits at minimum once a month. Conduct 1 educational/outreach program in each of the four high schools per year.

Goal 2-To reduce the number of Driving While Impaired related crashes by 20% from 51 in 2016 to 41 by the end of fiscal year 2018 .

Objective 2- Conduct/participate in at least 1 Driving While Impaired checking station per month. Assist with training for patrol officers on Driving While Impaired enforcement techniques and procedures. Participate in all Booze it and Lose it campaigns and other state sponsored campaigns. Increase Driving While Impaired arrests/citations from 76 in 2016 to 150 by the end of fiscal year 2018

Goal 3- Reduce the number of crashes where occupants failed to use safety restraints by 20% from 54 in 2016 to 43 by the end of fiscal year 2018

Objective 3- Conduct a minimum of 4 day time seat-belt initiatives per month. Conduct a minimum of 2 night time seat-belt initiatives per month. Conduct a minimum of 1 child safety seat/occupant protection outreach program per quarter. Participate in all Click it or Ticket campaigns. Increase number of occupant protection citations 20% from 302 in 2016 to 362 by the end of fiscal year 2018

*\$3,000 was requested for in state travel for expenses related to GHSP events held throughout the state as well as travel expenses for training at the North Carolina Justice Academy campuses (Intro to Crash Investigation, At Scene Crash Investigation, Advanced Crash Investigation, Traffic Crash Reconstruction).

As part of this project all law enforcement agencies must enter traffic enforcement citations data of their agency for the past three years.

Year 2016	Occupant Protection Citations	302	DWI Citations	76	Speed Citations	971
Year 2015	Occupant Protection Citations	205	DWI Citations	95	Speed Citations	1,361
Year 2014	Occupant Protection Citations	224	DWI Citations	104	Speed Citations	1,160

Goals and Objectives (Provide at least two SMART (Specific, Measurable, Attainable, Realistic and Timely) goals and objectives. For more detailed information see "How to write an effective traffic safety project" located at:

<https://connect.ncdot.gov/municipalities/Law-Enforcement/Pages/Law-Enforcement-Reporting.aspx>)

Goal #1: To reduce the number of motor vehicle crashes by 10% from 2081 in 2016 to 1873 by the end of fiscal year 2018.

Objectives: 1) Identify the top 5 crash areas and conduct directed traffic enforcement campaigns monthly.
2) Utilize the Huntersville Police Departments social media accounts to educate the motoring public about safe driving habits at a minimum of once a month.
3) Conduct 1 educational/outreach program in each of the four high schools per year.

Goal #2: To reduce the number of Driving While Impaired related crashes by 20% from 51 in 2016 to 41 by the end of fiscal year 2018.

Objectives: 1) Conduct/participate in at a minimum of 1 Driving While Impaired operation per month.
2) Assist with training for patrol officers on Driving While Impaired enforcement techniques and procedures.
3) Participate in all Booze it and Lose it campaigns and other state sponsored campaigns.
4) Increase Driving while Impaired arrests/citations from 76 in 2016 to 150 (100% increase).

Goal #3: Reduce the number of crashes where occupants failed to use safety restraints by 20% from 54 in 2016 to 43 by the end of fiscal year 2018.

Objectives: 1) Conduct a minimum of 4 day time seat-belt enforcement initiatives per month.
2) Conduct a minimum of 2 night time seat-belt enforcement initiatives per month.
3) Conduct a minimum of 1 child safety seat/occupant protection outreach programs per quarter.
4) Participate in all Click it or Ticket campaigns.
5) Increase the number of occupant protection citations from 302 in 2016 to 350 (16%).

Below are the 5-year goals of the NC Governor's Highway Safety Program (GHSP). To be eligible for funding, your traffic safety project should match one or more of the GHSP goals. Check all that apply.

- ☒ Reduce NC's traffic-related fatalities by 25% from the 2008-2012 average of 1,317 to 988 by 2020.
- ☒ Reduce NC's alcohol-related fatalities by 35% from the 2008-2012 average of 386 to 251 by 2020.
- ☒ Reduce NC's unrestrained fatalities by 30% from the 2008-2012 average of 407 to 285 by 2020.
- ☒ Reduce NC's speed-related fatalities by 25% from the 2008-2012 average of 479 to 359 by 2020.
- ☒ Reduce NC's young driver-involved fatal crashes by 30% from the 2008-2012 average of 196 to 137 by 2020.
- ☒ Reduce NC's motorcycle fatalities by 25% from the 2008-2012 average of 177 to 133 by 2020.

☒ Increase NC's seat belt usage rate 4.4 percentage points to 95% by 2020.

SECTION C – BUDGET DETAIL

Personnel Costs

#	Personnel Position	Salary
1	Traffic Officer	\$38,637.00
2	Traffic Officer	\$38,637.00
3		
4		
5		
6		
7		
8		
9		
10		

Total Salaries Cost: \$77,274.00

#	Personnel Fringe Benefits	Cost
1	FICA/Medicare	\$5,912.00
2	401K	\$3,864.00
3	Retirement	\$6,182.00
4	Workers Compensation	\$2,860.00
5	Disability/Life/Med flex	\$1,162.00
6	Health Insurance	\$11,648.00
7	Dental Insurance	\$774.00
8		
9		
10		

Total Fringe Benefits Cost: \$32,402.00

Total Personnel Costs: \$109,676.00

Contractual Services

#	Contractual Service To Be Provided	Cost
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Total Contractual Services:

Commodities Costs

#	Commodities	Cost
---	-------------	------

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Total Commodities Cost:

Other Direct Costs

#	Equipment	Quantity	Cap Amount	Cost
1	Patrol Vehicle-Includes emergency lighting, siren, radio, console,	2	\$35,000.00	\$70,000.00
2	Uniforms-Includes officer radio and shipping	2	\$7,000.00	\$14,000.00
3	Mobile Data Terminal-Includes hardware, software, modem, data	2	\$6,000.00	\$12,000.00
4	In-Car Video System-Includes installation and shipping	2	\$6,000.00	\$12,000.00
5	Lidar-Includes shipping	2	\$3,500.00	\$7,000.00
6	Radar-Includes installation and shipping	2	\$2,500.00	\$5,000.00
7				
8				

Total Equipment Cost \$120,000.00

#	Other Items and Equipment Direct Cost	Cost
1		
2		
3		
4		
5		
6		
7		
8		

Total Other Items and Equipment Direct Cost:

#	Travel	Cost
1	In-State Travel	\$3,000.00
2	Out-of-State Travel	

Total Travel Cost: \$3,000.00

Total Other Direct Costs: \$123,000.00

Indirect Costs

#	Indirect Costs	Cost
1		
2		

3		
4		

Total Indirect Costs

SECTION D – SCHEDULE OF TASKS BY QUARTERS

List the schedule of tasks by quarters, referring specifically to the objectives in Section B. Tasks should be a bulleted list of activities to be performed in each quarter.

Conditions for Law Enforcement Only

By checking this box, the above agency agrees to the terms below as additional activities to be performed as part of this project.

- ☒ A minimum of one (1) nighttime and one (1) daytime seat belt initiative per month;
☒ A minimum of one (1) impaired driving checkpoint per month;
☒ A minimum of 50% of seat belt initiatives must be conducted at night between the hours of 7:00 p.m. and 7:00 a.m.;
☒ Participation in all "Click It or Ticket" and "Booze It & Lose It" campaigns;
☒ Participation in any event or campaign as required by the GHSP;
☒ Attempt to utilize one of the Forensic Tests for Alcohol Branch's Mobile Breath Alcohol Testing (BATMobiles) units during at least one of the impaired driving checkpoints.

First Quarter (October, November, December)

Host or participate in 1 Driving While Impaired operation per month.
 Conduct/Participate in a minimum of 12 day time seat-belt initiatives.
 Conduct/Participate in a minimum of 6 night time seat-belt initiatives.

Second Quarter (January, February, March)

Host or participate in 1 Driving While Impaired operation per month.
 Conduct/Participate in a minimum of 12 day time seat-belt initiatives.
 Conduct/Participate in a minimum of 6 night time seat-belt initiatives.

Third Quarter (April, May, June)

Host or participate in 1 Driving While Impaired operation per month.
 Conduct/Participate in a minimum of 12 day time seat-belt initiatives.
 Conduct/Participate in a minimum of 6 night time seat-belt initiatives.

Fourth Quarter (July, August, September)

Host or participate in 1 Driving While Impaired operation per month.
 Conduct/Participate in a minimum of 12 day time seat-belt initiatives.
 Conduct/Participate in a minimum of 6 night time seat-belt initiatives.

Note:

1. Submitting grant application is not a guarantee of grant being approved.
2. Once form has been submitted, it cannot be changed unless it has a status of "Return".