

# North Carolina Governor's Highway Safety Program

## SECTION A – GENERAL INFORMATION

1. Project Title: * Brunswick County Sheriff Highway Traffic Safety Project	
2. Agency: 1000000197 - BRUNSWICK COUNTY	3. Contact Person for Agency: Elizabeth Bynum
4. Agency Address: SHERIFF PO Box 9 BOLIVIA, NC 28422-0009	5. Telephone Number: * 910-253-2855
	6. Cell Phone:
7. Physical Location of Agency * 70 Stamp Act Drive Bolivia, NC 28422	8. Email of Contact Person * ebynum.bcs@gmail.com
9. Federal Tax ID Number / Type of Agency  Federal Tax ID Number: * 56-6000278 Unique Entity Identifier: MJBMLN9NJT5 County: * BRUNSWICK  Type of Agency <input type="radio"/> State <input type="radio"/> Non-Profit <input checked="" type="radio"/> County <input type="radio"/> Higher Education <input type="radio"/> Municipality <input type="radio"/> Hospital	10. 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+  Fiscal Year 2023
	11. Allocation of Funding *  Federal % 85.00 Local % 15.00

Source of Funds			
12. Budget	Total Project Amount	Federal Amount	State/Local Amount
Personnel Costs	\$226,344.00	\$192,392.00	\$33,952.00
Contractual Services			
Other Direct Costs	\$163,500.00	\$138,975.00	\$24,525.00
Indirect Costs			
<b>Total Project Costs</b>	<b>\$389,844.00</b>	<b>\$331,367.00</b>	<b>\$58,477.00</b>

13. Specify How Non-Federal Share Will Be Provided: \*  
General Fund

Project Number:	CFDA#: 20. Work Type:
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## 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>)

In North Carolina, based on County Data (2016 - 2020), Brunswick County ranks 9th in Older Driver Fatal Crashes, 10th in Alcohol-Related Fatalities and 10th in Unrestrained Fatalities. Brunswick County is in the top 20% of North Carolina Counties in traffic fatalities. Brunswick County had 114 fatalities, and 446 serious injury crashes during the five-year period of 2016-2020. Brunswick County has averaged 8.8 unrestrained fatalities and 14.8 unrestrained serious injuries during the same period. This is far higher than other North Carolina counties with similar population. Brunswick County also ranks 10th in bicyclist fatalities and 27th in young driver fatal crashes during the five-year period of 2016-2020.

Brunswick County is the fifth largest county in North Carolina with a land mass of 855 square miles and is recognized as heavy industrialized and residential location as well as a popular tourist destination due to the numerous beach communities along the

eastern shore. Since the economy continues to grow, the county is continuing to experience growth in business and residential development. According to Census data, Brunswick County is in the top 25 of fastest growing counties in the country and one of the fastest growing in the state. Brunswick County's 2021 population estimate of 154,700 showed a 36.51% increase from 2010 Census records.

Contained within the county are a total of more than 917 miles of roadways. Numerous major highways as well as secondary roads transact the county in all geographical areas. Among some of the most troublesome areas in terms of serious crashes and speeding issues is U.S. Highway 17 which runs the entire length of the county from the Wilmington city limits to the South Carolina state line, and Interstate I-140 which runs from New Hanover County into Brunswick County and acts as a bypass for many motorists traveling to South Carolina. Numerous traffic incidents occur on the U.S. Highway 17 Causeway between the Wilmington city limits and Leland due to this being one of two ways into Brunswick County from Wilmington and New Hanover County and the quicker option for commuters who live in Brunswick County and work in Wilmington.

U.S. Highway 17, which is approximately 50 miles from Wilmington to the state line, is not the only artery in our county that sees numerous crashes and speed-related incidents. U.S. Highway 74 and 76 runs from the Wilmington city limits to the Columbus County line. This highway, which is approximately 18 miles, is another area that has seen a large number of speeding issues and crashes. U.S. Highway 17 and U.S. Highway 74 and 76 are both heavily traveled year-round but sees an exponential increase in traffic during the summer months due to many tourists traveling to Myrtle Beach, South Carolina, and point further south. Other roadways such as N.C. Highway 133, N.C. Highway 211, N.C. Highway 87, N.C. Highway 904, N.C. Highway 179, and N.C. Highway 130, which link directly to the Brunswick County beaches, are routine traffic generators of serious crashes, speeding, careless and reckless driving and other traffic violations.

**Proposed Solution** (Begin with a one-sentence summary of your project. Then describe in detail how your proposed project will address the problem identified in the "Statement of Problem" section.):

The Brunswick County Sheriff Office will create a dedicated traffic safety team of three deputies, who will conduct high visibility enforcement in areas identified using available data to reduce highway traffic fatalities. This team will promote highway traffic safety at educational and outreach events and participate in GHSP campaigns.

**Budget Justification** (Provide a detailed explanation of the costs associated with proposed project):

Grant funds will be used to pay highway traffic safety activity hours and benefits for 3 Deputies. The Brunswick County Sheriff's Office will use the vehicles to conduct high visibility enforcement to reduce the number of collisions that end in fatalities. The project patrol vehicles will be used for traffic enforcement and education. This will be carried out by increasing the number of traffic contacts and elevating the public's awareness of at-risk driving behavior.

Mobile data terminals ensure that officers have the use of E-Citation for citing traffic violations. MDTs also allow for electronic submission of data being timelier and more available for the State of NC and its entities to recognize trends and identify solutions for areas of high traffic fatalities.

In-car cameras aid the successful adjudication of traffic safety violations. The installation of in-car cameras will help traffic officers retain critical evidence that will likely be necessary to secure a conviction in court thereby bolstering the importance of these primary traffic safety offenses. In addition, they will provide the ability to hold officers, as well as the citizenry accountable for the interaction that occurs during traffic enforcement activities. This in turn will generate heightened interest and support for continuing traffic enforcement operations. As a result, community engagement is enhanced, and trust is restored and/or solidified. Lastly, it will provide training resources and subsequent opportunities for the officers and public alike when seeking traffic safety intervention strategies.

RADAR speed measuring devices are law enforcement's most effective tool to reduce speed related fatalities. The Brunswick County Sheriff's Office has seen an increase in speeding related fatalities/serious injuries. Enforcement will take place on major roadways where data shows there is high crash volume, and speeding continues to be a significant factor. With funding of speed measurement devices, officers can be placed in data driven areas to combat this concern. Our strategy of high visibility speeding enforcement is aimed to reduce fatality crashes.

**Travel Justification** (Provide justification for all travel expenses):

Travel expenses are for members of team to attend training conferences like the Lifesaver Conference and applicable GHSP events.

**To be completed by law enforcement agencies seeking first year grant:**

Provide the agency's number of sworn officers	227
Does the agency currently have a dedicated traffic or DWI unit?	Yes <input type="radio"/> No <input checked="" type="radio"/>
If a dedicated traffic or DWI unit exists, how many officers are assigned to the unit?	

For applicants requesting enforcement grants, please provide the following county fatality rankings:

Information can be located at:

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

Overall Fatality Ranking:	18
Alcohol Fatality Ranking:	10
Unrestrained Fatality Ranking:	10
Speed Related Fatalities:	31
Other Applicable Rankings: <i>(Specify)</i>	9th in state for older driver fatal crashes

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

Year 2021	Occupant Protection Citations	57	DWI Citations	83	Speed Citations	232
Year 2020	Occupant Protection Citations	55	DWI Citations	84	Speed Citations	274
Year 2019	Occupant Protection Citations	283	DWI Citations	89	Speed Citations	683

**Goals and Objectives** *(Provide at least one 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: Reduce traffic fatalities in Brunswick County by 10% from the 2016-2020 average of 22.8 to 20 by September 30th 2023.

Objectives: Increase the number of speed contacts by 50% from 232 in 2021 to 348 contacts during FY23. Host or participate in at least 12 DWI checking stations by September 30, 2023.

Goal #2: Reduce the number of Unrestrained fatalities in Brunswick County by 10% from the 2016-2020 average of 8.8 to 7 by September 30, 2023.

Objectives: Increase the number of occupant protection contacts by 50% from 57 in 2021 to more than 85 during FY23. Host or participate in at least 12 seat belt initiative by September 30, 2023.

Goal #3:

Objectives:

**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 12% from the 2015-2019 average of 1,427 to 1,255 by December 31, 2023.
- ☐ Reduce NC's alcohol-related fatalities by 10% from the 2017-2019 average of 380 to 342 by December 31, 2023.
- ☒ Reduce NC's unrestrained fatalities by 10% from the 2105-2109 average of 406 to 365 by December 31, 2023.
- ☒ Reduce NC's speed-related fatalities by 10% from the 2107-2019 average of 352 to 317 by December 31, 2023.
- ☐ Reduce NC's young driver-involved fatal crashes by 10% from the 2015-2019 average of 166 to 149 by December 31, 2023.
- ☐ Reduce NC's motorcycle fatalities by 5% from the 2015-2019 average of 190 to 181 by December 31, 2023.
- ☐ Increase NC's seat belt usage rate 2.9 percentage points from 87.1 percent in 2020 to 90% by December 31, 2023.

## SECTION C – BUDGET DETAIL

### Personnel Costs

#	Personnel Position	Salary
2	Activity Hours for 3 Deputies	\$160,086.00
Total Salaries Cost:		\$160,086.00
#	Personnel Fringe Benefits	Cost
1	Total fringe benefits -- all three positions	\$66,258.00

Total Fringe Benefits Cost:				\$66,258.00
Total Personnel Costs:				\$226,344.00
Other Direct Costs				
#	Equipment	Quantity	Cap Amount	Cost
1	PATROL VEHICLE-INCLUDES EMERGENCY LIGHTING, SIREN, RADIO, CONSOLE, STRIPING, INSTALLATION AND SHIPPING	3	\$40,000.00	\$120,000.00
3	IN-CAR VIDEO SYSTEM-INCLUDES INSTALLATION AND SHIPPING	3	\$6,000.00	\$18,000.00
4	RADAR-INCLUDES INSTALLATION AND SHIPPING	3	\$2,500.00	\$7,500.00
5	MOBILE DATA TERMINAL-INCLUDES HARDWARE, SOFTWARE, MODEM, DATA PACKAGE, INSTALLATION AND SHIPPING	3	\$4,000.00	\$12,000.00
Total Equipment Cost				\$157,500.00
Other Equipment Details :				
#	Other Items and Equipment Direct Cost:			Cost
Total Other Items and Equipment Direct Cost:				
#	Travel			Cost
1	In-State Travel			\$2,000.00
2	Out-of-State Travel			\$4,000.00
Total Travel Cost:				\$6,000.00
Total Other Direct Costs:				\$163,500.00

## 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 Enforcement Projects 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)

- Conduct enforcement projects scheduled for the quarter.
- Participate in GHSP sponsored campaigns.
- Submit monthly claims.
- Submit monthly enforcement results.
- Use department/agency social media to promote GHSP Events and Campaigns
- Submit Quarterly Report.

Second Quarter (January, February, March)

- Conduct enforcement projects scheduled for the quarter.
- Participate in GHSP sponsored campaigns.
- Submit monthly claims.
- Submit monthly enforcement results.
- Use department/agency social media to promote GHSP Events and Campaigns
- Submit Quarterly Report.

Third Quarter (April, May, June)

- Conduct enforcement projects scheduled for the quarter.
- Participate in GHSP sponsored campaigns.
- Submit monthly claims.

- Submit monthly enforcement results.
- Use department/agency social media to promote GHSP Events and Campaigns
- Submit Quarterly Report.

Fourth Quarter (July, August, September)

- Conduct enforcement projects scheduled for the quarter.
- Participate in GHSP sponsored campaigns.
- Submit monthly claims.
- Submit monthly enforcement results.
- Use department/agency social media to promote GHSP Events and Campaigns
- Submit Quarterly Report.
- Submit Final Accomplishments Report.

**AGENCY AUTHORIZING SIGNATURE**

- ☐ I have read and accept terms and conditions of the grant funding and attached the Grant Agreement. The information supplied in this application is true to the best of my knowledge

Name:  PIN:  Date:

**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".

**FOR GHSP USE ONLY:**

Recommendation:

Date: