



**North Carolina Department of Transportation  
Traffic Engineering Accident Analysis System  
Intersection Analysis Report**

Acc No	Crash ID	Date	Accident Type	Total Damage	Injuries				Condition			Road		Trfc Ctl	
					F	A	B	C	R	L	W	Ch	Ci	Dv	Op
9	106212371	02/25/2020 09:27	SIDESWIPE, SAME DIRECTION	\$ 2500	0	0	0	0	2	1	2	3	0	0	
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b> 0	<b>Speed:</b> 35 MPH	<b>Dir:</b> N	<b>Veh Mnvr / Ped Actn:</b> 5				<b>Obj Strk:</b>						
<b>Unit</b>	<b>2 : 1</b>	<b>Alchl/Drgs:</b> 0	<b>Speed:</b> 35 MPH	<b>Dir:</b> N	<b>Veh Mnvr / Ped Actn:</b> 4				<b>Obj Strk:</b>						

**Legend for Report Details:**

- Acc No - Accident Number
- Injuries: F - Fatal, A - Class A, B - Class B, C - Class C
- Condition: R - Road Surface, L - Ambient Light, W - Weather
- Rd Ch - Road Character
- Rd Ci - Roadway Contributing Circumstances
- Trfc Ctl - Traffic Control: Dv - Device, Op - Operating
- Alchl/Drgs - Alcohol Drugs Suspected
- Veh Mnvr/Ped Actn - Vehicle Maneuver/Pedestrian Action
- Obj Strk - Object Struck

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**Summary Statistics**

**High Level Crash Summary**

<b>Crash Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Total Crashes	9	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	4	44.44
Total Injury Crashes	4	44.44
Property Damage Only Crashes	5	55.56
Night Crashes	1	11.11
Wet Crashes	3	33.33
Alcohol/Drugs Involvement Crashes	0	0.00

**Crash Severity Summary**

<b>Crash Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Total Crashes	9	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	1	11.11
Class C Crashes	3	33.33
Property Damage Only Crashes	5	55.56

**Vehicle Exposure Statistics**

**Annual ADT = 14500**

**Total Vehicle Exposure = 26.51 (MEV)**

<b>Crash Rate</b>	<b>Crashes Per 100 Million Vehicles Entered</b>
Total Crash Rate	33.95
Fatal Crash Rate	0.00
Non Fatal Crash Rate	15.09
Night Crash Rate	3.77
Wet Crash Rate	11.32
EPDO Rate	145.63

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**Miscellaneous Statistics**

Severity Index =	4.29
EPDO Crash Index =	38.60
Estimated Property Damage Total = \$	53050.00

**Accident Type Summary**

<b>Accident Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
ANGLE	1	11.11
LEFT TURN, DIFFERENT ROADWAYS	2	22.22
LEFT TURN, SAME ROADWAY	2	22.22
RAN OFF ROAD - RIGHT	1	11.11
REAR END, SLOW OR STOP	1	11.11
SIDESWIPE, SAME DIRECTION	2	22.22

**Injury Summary**

<b>Injury Type</b>	<b>Number of Injuries</b>	<b>Percent of Total</b>
Fatal Injuries	0	0.00
Class A Injuries	0	0.00
Class B Injuries	1	20.00
Class C Injuries	4	80.00
Total Non-Fatal Injuries	5	100.00
Total Injuries	5	100.00

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**Monthly Summary**

<b>Month</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Jan	1	11.11
Feb	3	33.33
Mar	0	0.00
Apr	0	0.00
May	1	11.11
Jun	2	22.22
Jul	0	0.00
Aug	0	0.00
Sep	1	11.11
Oct	1	11.11
Nov	0	0.00
Dec	0	0.00

**Daily Summary**

<b>Day</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Mon	1	11.11
Tue	3	33.33
Wed	1	11.11
Thu	2	22.22
Fri	2	22.22
Sat	0	0.00
Sun	0	0.00

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**Hourly Summary**

<b>Hour</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
0000-0059	0	0.00
0100-0159	0	0.00
0200-0259	0	0.00
0300-0359	0	0.00
0400-0459	0	0.00
0500-0559	1	11.11
0600-0659	0	0.00
0700-0759	0	0.00
0800-0859	2	22.22
0900-0959	1	11.11
1000-1059	0	0.00
1100-1159	0	0.00
1200-1259	0	0.00
1300-1359	1	11.11
1400-1459	2	22.22
1500-1559	0	0.00
1600-1659	1	11.11
1700-1759	1	11.11
1800-1859	0	0.00
1900-1959	0	0.00
2000-2059	0	0.00
2100-2159	0	0.00
2200-2259	0	0.00
2300-2359	0	0.00

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**Light and Road Conditions Summary**

<b>Condition</b>	<b>Dry</b>	<b>Wet</b>	<b>Other</b>	<b>Total</b>
Day	5	3	0	8
Dark	1	0	0	1
Other	0	0	0	0
Total	6	3	0	9

**Vehicle Type Summary**

<b>Vehicle Type</b>	<b>Number Involved</b>	<b>Percent of Total</b>
MOPED	1	5.88
PASSENGER CAR	10	58.82
PICKUP	3	17.65
SINGLE UNIT TRUCK (2-AXLE, 6-TIRE)	2	11.76
SPORT UTILITY	1	5.88

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**Yearly Totals Summary**

**Accident Totals**

<b>Year</b>	<b>Total Accidents</b>	<b>Fatal Accidents</b>	<b>Injury Accidents</b>	<b>Property Damage Only Accidents</b>
2015	0	0	0	0
2016	0	0	0	0
2017	3	0	1	2
2018	1	0	1	0
2019	4	0	2	2
2020	1	0	0	1
<b>Total</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>5</b>

**Injury Totals**

<b>Year</b>	<b>Fatal Injuries</b>	<b>Class A, B, or C Injuries</b>
2015	0	0
2016	0	0
2017	0	1
2018	0	1
2019	0	3
2020	0	0
<b>Total</b>	<b>0</b>	<b>5</b>

**Miscellaneous Totals**

<b>Year</b>	<b>Property Damage</b>	<b>EPDO Index</b>
2015	\$ 0	0.00
2016	\$ 0	0.00
2017	\$ 25350	10.40
2018	\$ 2000	8.40
2019	\$ 23200	18.80
2020	\$ 2500	1.00
<b>Total</b>	<b>\$ 53050</b>	<b>38.60</b>

**Type of Accident Totals**

<b>Year</b>	<b>Left Turn</b>	<b>Right Turn</b>	<b>Rear End</b>	<b>Run Off Road &amp;</b>				<b>Other</b>
				<b>Fixed Object</b>	<b>Angle</b>	<b>Side Swipe</b>		
2015	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	



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Year	Run Off Road &						Other
	Left Turn	Right Turn	Rear End	Fixed Object	Angle	Side Swipe	
2017	1	0	0	1	0	1	0
2018	0	0	0	0	1	0	0
2019	3	0	1	0	0	0	0
2020	0	0	0	0	0	1	0
Total	4	0	1	1	1	2	0

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**Study Criteria**

Study Name	Log No.	PH No.	TIP No.	K/A Cf.	B/C Cf.	ADT	ADT Route
NC86PUREFOY				76.8	8.4	14500	30000086

Request Date	Courier Service	Phone No.	Ext.	Fax No.
12/03/2020				

County			Municipality			Y-Line Ft.	Begin Date	End Date	Years
Name	Code	Div.	Name	Code	Y-Line Ft.	Begin Date	End Date	Years	
ORANGE	68	7	All and Rural		150	12/1/2015	12/1/2020	5.00	

Location Text	Requestor
Intersection of NC 86 and Purefoy	Chapel Hill Town Council

Included Accidents
106031995

**Fiche Roads**

Name	Code
NC 86	30000086
COLUMBIA	50006670
PUREFOY	50024976

**Intersection Road Combinations**

Name	Code	Code	Name
NC 86	30000086	50024976	PUREFOY
COLUMBIA	50006670	50024976	PUREFOY