

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

**Study Criteria Summary**

**County:** JOHNSTON      **City:** All and Rural  
**Date:** 12/01/2018 to 11/30/2023      **Study:** HB0042BIP  
**Location:** US 701/US 301/NC 96 from 0.089 miles north of SR 1228 (Willow Rd) to SR 1386 (Tyler Dr)

**Report Details**

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries				Condition			Road		Trfc Ctl	
						F	A	B	C	R	L	W	Ch	Ci	Dv	Op
1	107399298	15.888	07/17/2023 06:36	ANIMAL	\$ 20000	0	0	0	0	1	1	1	1	0	0	
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> N	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>17</b>			
2	106645353	15.948	07/26/2021 11:28	FIXED OBJECT	\$ 5000	0	0	0	0	1	1	1	3	0	0	
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>1</b>	<b>Speed:</b> 40 MPH	<b>Dir:</b> S	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>58</b>			
3	105734166	15.955	01/03/2019 00:53	ANIMAL	\$ 2500	0	0	0	0	2	5	3	1	0	0	
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> S	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>17</b>			
4	106914606	15.995	04/07/2022 03:00	FIXED OBJECT	\$ 13000	0	0	1	0	1	5	1	1	0	13	1
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> N	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>58</b>			
5	107006177	16.135	07/04/2022 05:22	RAN OFF ROAD - LEFT	\$ 30000	0	0	0	0	1	6	1	1	0	0	
<b>Unit</b>	<b>1 : 2</b>	<b>Alchl/Drgs:</b>	<b>7</b>	<b>Speed:</b> 40 MPH	<b>Dir:</b> N	<b>Veh Mnvr/Ped Actn:</b>				<b>15</b>	<b>Obj Strk:</b>					
6	107335401	16.135	05/11/2023 17:35	HEAD ON	\$ 8000	0	0	0	0	1	1	1	1	0	13	1
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 35 MPH	<b>Dir:</b> S	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>					
<b>Unit</b>	<b>2 : 4</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> N	<b>Veh Mnvr/Ped Actn:</b>				<b>1</b>	<b>Obj Strk:</b>					
7	106053012	16.205	10/28/2019 07:33	ANIMAL	\$ 500	0	0	0	0	1	1	1	1	0	0	
<b>Unit</b>	<b>1 : 2</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> N	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>17</b>			
8	107356555	16.255	06/02/2023 17:02	FIXED OBJECT	\$ 0	0	0	0	0	1	1	1	1	0	13	1
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 5 MPH	<b>Dir:</b> S	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>58</b>			
9	107327472	16.292	05/07/2023 17:31	FIXED OBJECT	\$ 1000	0	0	0	0	1	1	1	1	0	0	
<b>Unit</b>	<b>1 : 1</b>	<b>Alchl/Drgs:</b>	<b>0</b>	<b>Speed:</b> 45 MPH	<b>Dir:</b> S	<b>Veh Mnvr/Ped Actn:</b>				<b>4</b>	<b>Obj Strk:</b>		<b>58</b>			

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

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries				Condition			Road		Trfc Ctl	
						F	A	B	C	R	L	W	Ch	Ci	Dv	Op
10	105820225	16.295	03/21/2019 19:45	LEFT TURN, SAME ROADWAY	\$ 2000	0	0	0	0	1	4	1	1	0	0	
Unit	1 : 4	Alchl/Drgs:	0	Speed: 10 MPH Dir: N		Veh Mnvr/Ped Actn:				8	Obj Strk:					
Unit	2 : 4	Alchl/Drgs:	0	Speed: 35 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
11	106512249	16.295	02/03/2021 18:23	SIDESWIPE, OPPOSITE DIRECTION	\$ 5000	0	0	0	0	1	4	1	1	0	1	1
Unit	1 : 1	Alchl/Drgs:	0	Speed: 5 MPH Dir: E		Veh Mnvr/Ped Actn:				12	Obj Strk:					
Unit	2 : 4	Alchl/Drgs:	0	Speed: 45 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
12	106518397	16.295	02/08/2021 14:23	ANGLE	\$ 1500	0	0	0	0	1	1	1	1	0	0	
Unit	1 : 1	Alchl/Drgs:	0	Speed: 20 MPH Dir: E		Veh Mnvr/Ped Actn:				7	Obj Strk:					
Unit	2 : 1	Alchl/Drgs:	0	Speed: 40 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
13	107147527	16.295	10/28/2022 12:03	LEFT TURN, DIFFERENT ROADWAYS	\$ 7000	0	0	0	0	1	1	2	1	0	1	1
Unit	1 : 2	Alchl/Drgs:	0	Speed: 10 MPH Dir: E		Veh Mnvr/Ped Actn:				8	Obj Strk:					
Unit	2 : 1	Alchl/Drgs:	0	Speed: 45 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
14	107194245	16.295	12/12/2022 18:14	ANGLE	\$ 9000	0	0	1	0	1	4	1	1	0		
Unit	1 : 4	Alchl/Drgs:	0	Speed: 10 MPH Dir: E		Veh Mnvr/Ped Actn:				8	Obj Strk:					
Unit	2 : 4	Alchl/Drgs:	0	Speed: 45 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
15	106270099	16.366	06/29/2020 13:10	REAR END, SLOW OR STOP	\$ 13500	0	0	0	0	1	1	1	1	0	0	
Unit	1 : 1	Alchl/Drgs:	0	Speed: 45 MPH Dir: N		Veh Mnvr/Ped Actn:				4	Obj Strk:					
Unit	2 : 11	Alchl/Drgs:	0	Speed: 10 MPH Dir: N		Veh Mnvr/Ped Actn:				7	Obj Strk:					
16	106906225	16.385	02/02/2022 15:49	SIDESWIPE, OPPOSITE DIRECTION	\$ 10000	0	0	0	0	1	1	1	1	0	1	1
Unit	1 : 5	Alchl/Drgs:	0	Speed: 10 MPH Dir: E		Veh Mnvr/Ped Actn:				12	Obj Strk:					
Unit	2 : 2	Alchl/Drgs:	0	Speed: 45 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:					
17	107215344	16.385	12/23/2022 10:17	FIXED OBJECT	\$ 10000	0	0	0	1	1	1	1	1	0	0	
Unit	1 : 4	Alchl/Drgs:	0	Speed: 45 MPH Dir: S		Veh Mnvr/Ped Actn:				4	Obj Strk:		33			

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

Acc No	Crash ID	Milepost	Date	Accident Type	Total Damage	Injuries				Condition			Road		Trfc Ctl	
						F	A	B	C	R	L	W	Ch	Ci	Dv	Op

**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
- Alch/Drgs - Alcohol Drugs Suspected
- Veh Mnvr/Ped Actn - Vehicle Maneuver/Pedestrian Action
- Obj Strk - Object Struck

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

**Summary Statistics**

**High Level Crash Summary**

<b>Crash Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Total Crashes	17	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	3	17.65
Total Injury Crashes	3	17.65
Property Damage Only Crashes	14	82.35
Night Crashes	6	35.29
Wet Crashes	1	5.88
Alcohol/Drugs Involvement Crashes	1	5.88

**Crash Severity Summary**

<b>Crash Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Total Crashes	17	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	2	11.76
Class C Crashes	1	5.88
Property Damage Only Crashes	14	82.35

**Vehicle Exposure Statistics**

**Annual ADT = 8900**

**Total Length = 0.51 (Miles)**

**0.821 (Kilometers)**

**Total Vehicle Exposure = 8.29 (MVMT)**

**13.34 (MVKMT)**

<b>Crash Rate</b>	<b>Crashes Per 100 Million Vehicle Miles</b>	<b>Crashes Per 100 Million Vehicle Kilometers</b>
Total Crash Rate	205.11	127.45
Fatal Crash Rate	0.00	0.00
Non Fatal Crash Rate	36.20	22.49
Night Crash Rate	72.39	44.98
Wet Crash Rate	12.07	7.50
EPDO Rate	472.96	293.88

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

---

**Miscellaneous Statistics**

Severity Index =	2.31
EPDO Crash Index =	39.20
Estimated Property Damage Total = \$	138000.00

**Accident Type Summary**

<b>Accident Type</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
ANGLE	2	11.76
ANIMAL	3	17.65
FIXED OBJECT	5	29.41
HEAD ON	1	5.88
LEFT TURN, DIFFERENT ROADWAYS	1	5.88
LEFT TURN, SAME ROADWAY	1	5.88
RAN OFF ROAD - LEFT	1	5.88
REAR END, SLOW OR STOP	1	5.88
SIDESWIPE, OPPOSITE DIRECTION	2	11.76

**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	2	66.67
Class C Injuries	1	33.33
Total Non-Fatal Injuries	3	100.00
Total Injuries	3	100.00

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

---

**Monthly Summary**

<b>Month</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Jan	1	5.88
Feb	3	17.65
Mar	1	5.88
Apr	1	5.88
May	2	11.76
Jun	2	11.76
Jul	3	17.65
Aug	0	0.00
Sep	0	0.00
Oct	2	11.76
Nov	0	0.00
Dec	2	11.76

**Daily Summary**

<b>Day</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
Mon	7	41.18
Tue	0	0.00
Wed	2	11.76
Thu	4	23.53
Fri	3	17.65
Sat	0	0.00
Sun	1	5.88

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

---

**Hourly Summary**

<b>Hour</b>	<b>Number of Crashes</b>	<b>Percent of Total</b>
0000-0059	1	5.88
0100-0159	0	0.00
0200-0259	0	0.00
0300-0359	1	5.88
0400-0459	0	0.00
0500-0559	1	5.88
0600-0659	1	5.88
0700-0759	1	5.88
0800-0859	0	0.00
0900-0959	0	0.00
1000-1059	1	5.88
1100-1159	1	5.88
1200-1259	1	5.88
1300-1359	1	5.88
1400-1459	1	5.88
1500-1559	1	5.88
1600-1659	0	0.00
1700-1759	3	17.65
1800-1859	2	11.76
1900-1959	1	5.88
2000-2059	0	0.00
2100-2159	0	0.00
2200-2259	0	0.00
2300-2359	0	0.00

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

---

**Light and Road Conditions Summary**

<b>Condition</b>	<b>Dry</b>	<b>Wet</b>	<b>Other</b>	<b>Total</b>
Day	11	0	0	11
Dark	5	1	0	6
Other	0	0	0	0
Total	16	1	0	17

**Object Struck Summary**

<b>Object Type</b>	<b>Times Struck</b>	<b>Percent of Total</b>
ANIMAL	3	37.50
DITCH	4	50.00
TREE	1	12.50

**Vehicle Type Summary**

<b>Vehicle Type</b>	<b>Number Involved</b>	<b>Percent of Total</b>
PASSENGER CAR	12	48.00
PICKUP	4	16.00
SINGLE UNIT TRUCK (3 OR MORE AXLES)	1	4.00
SPORT UTILITY	7	28.00
VAN	1	4.00



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

**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>
2018	0	0	0	0
2019	3	0	0	3
2020	1	0	0	1
2021	3	0	0	3
2022	6	0	3	3
2023	4	0	0	4
<b>Total</b>	<b>17</b>	<b>0</b>	<b>3</b>	<b>14</b>

**Injury Totals**

<b>Year</b>	<b>Fatal Injuries</b>	<b>Class A, B, or C Injuries</b>
2018	0	0
2019	0	0
2020	0	0
2021	0	0
2022	0	3
2023	0	0
<b>Total</b>	<b>0</b>	<b>3</b>

**Miscellaneous Totals**

<b>Year</b>	<b>Property Damage</b>	<b>EPDO Index</b>
2018	\$ 0	0.00
2019	\$ 5000	3.00
2020	\$ 13500	1.00
2021	\$ 11500	3.00
2022	\$ 79000	28.20
2023	\$ 29000	4.00
<b>Total</b>	<b>\$ 138000</b>	<b>39.20</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>Fixed Object</b>	<b>Angle</b>	<b>Side Swipe</b>	<b>Other</b>
2018	0	0	0	0	0	0	0
2019	1	0	0	0	0	0	2

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

---

<b>Year</b>	<b>Left Turn</b>	<b>Right Turn</b>	<b>Rear End</b>	<b>Run Off Road &amp; Fixed Object</b>	<b>Angle</b>	<b>Side Swipe</b>	<b>Other</b>
2020	0	0	1	0	0	0	0
2021	0	0	0	1	1	1	0
2022	1	0	0	3	1	1	0
2023	0	0	0	2	0	0	2
<b>Total</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>4</b>

---

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

**Strip Diagram**

Features	Milepost	Crash IDs
	15.88	
	15.89	107399298
	15.90	
	15.91	
	15.92	
	15.93	
	15.94	
CAROL	15.95	106645353   105734166
	15.96	
	15.97	
	15.98	
	15.99	
	16.00	106914606
	16.01	
	16.02	
	16.03	
	16.04	
	16.05	
	16.06	
	16.07	
	16.08	
	16.09	
	16.10	
	16.11	
	16.12	
	16.13	
Structure:500056	16.14	107006177   107335401
	16.15	
	16.16	
	16.17	
	16.18	
	16.19	
	16.20	106053012
	16.21	
	16.22	
	16.23	
	16.24	
	16.25	107356555
	16.26	
	16.27	
	16.28	
	16.29	107327472
SR 1345   COUNTRY CLUB	16.30	105820225   106512249   106518397   107147527

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

Features	Milepost	Crash IDs
		107194245
	16.31	
	16.32	
	16.33	
	16.34	
	16.35	
	16.36	
	16.37	106270099
	16.38	
SR 1386   TYLER	16.39	106906225   107215344

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

**Study Criteria**

Study Name	Log No.	PH No.	TIP No.	K/A Cf.	B/C Cf.	ADT	ADT Route
HB0042BIP			B6044	76.8	8.4	8900	30000096

Request Date	Courier Service	Phone No.	Ext.	Fax No.

County			Municipality						
Name	Code	Div.	Name	Code	Y-Line Ft.	Begin Date	End Date	Years	
JOHNSTON	51	4	All and Rural		0	12/01/2018	11/30/2023	5.00	

Location Text	Requestor
US 701/US 301/NC 96 from 0.089 miles north of SR 1228 (Willow Rd) to SR 1386 (Tyler Dr)	

Included Accidents	Old MP	New MP	Type
107335401	16.195	16.135	R
107215344	16.357	16.385	R
107006177	15.955	16.135	R

Excluded Accidents
106401137
107022731

**Fiche Roads**

Name	Code
NC 96	30000096
NC 96 WB COUPLET	30600096
US 301	20000301
US 301 SB COUPLET	20400301
US 301BUS	29000301
US 301BUS NB COUPLET	29300301
US 301BUS SB COUPLET	29400301
US 701 SB COUPLET	20400701
US 701BUS	29000701
US 701	20000701
BRIGHT LEAF	50003742
US 701BUS SB COUPLET	29400701

**Strip Road**

Name	Code	Begin MP	End MP	Miles	Kilometers
NC 96	30000096	15.875	16.385	0.510	0.821

North Carolina Department of Transportation  
Traffic Engineering Accident Analysis System  
Strip Analysis Report

---

Strip Road

---

Name	Code	Begin MP	End MP	Miles	Kilometers
------	------	----------	--------	-------	------------

---