

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

Study Criteria Summary

County: MONTGOMERY **City:** All and Rural
Date: 2/1/2019 to 6/30/2019 **Study:** 41000057912CONSTR
Location: NC 24/NC 27 at NC 73

Report Details

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	
1	105861793	05/06/2019 08:25	LEFT TURN, DIFFERENT ROADWAYS	\$ 1500	0	0	3	0	1	1	1	3	0	1	1	
Unit	1 : 1	Alchl/Drugs:	0	Speed:	20 MPH	Dir:	N	Veh Mnvr / Ped Actn:		8	Obj Strk:					
Unit	2 : 2	Alchl/Drugs:	0	Speed:	45 MPH	Dir:	E	Veh Mnvr / Ped Actn:		4	Obj Strk:					

2	105896712	06/16/2019 14:24	REAR END, SLOW OR STOP	\$ 3000	0	0	0	0	1	1	2	1	0	1	1	
Unit	1 : 4	Alchl/Drugs:	0	Speed:	10 MPH	Dir:	N	Veh Mnvr / Ped Actn:		4	Obj Strk:					
Unit	2 : 1	Alchl/Drugs:	0	Speed:	5 MPH	Dir:	N	Veh Mnvr / Ped Actn:		1	Obj Strk:					

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/Drugs - 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

Crash Type	Number of Crashes	Percent of Total
Total Crashes	2	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	1	50.00
Total Injury Crashes	1	50.00
Property Damage Only Crashes	1	50.00
Night Crashes	0	0.00
Wet Crashes	0	0.00
Alcohol/Drugs Involvement Crashes	0	0.00

Crash Severity Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	2	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	1	50.00
Class C Crashes	0	0.00
Property Damage Only Crashes	1	50.00

Vehicle Exposure Statistics

Annual ADT = 5500

Total Vehicle Exposure = 0.82 (MEV)

Crash Rate	Crashes Per 100 Million Vehicles Entered
Total Crash Rate	242.42
Fatal Crash Rate	0.00
Non Fatal Crash Rate	121.21
Night Crash Rate	0.00
Wet Crash Rate	0.00
EPDO Rate	1139.39

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Miscellaneous Statistics

Severity Index =	4.70
EPDO Crash Index =	9.40
Estimated Property Damage Total = \$	4500.00

Accident Type Summary

Accident Type	Number of Crashes	Percent of Total
LEFT TURN, DIFFERENT ROADWAYS	1	50.00
REAR END, SLOW OR STOP	1	50.00

Injury Summary

Injury Type	Number of Injuries	Percent of Total
Fatal Injuries	0	0.00
Class A Injuries	0	0.00
Class B Injuries	3	100.00
Class C Injuries	0	0.00
Total Non-Fatal Injuries	3	100.00
Total Injuries	3	100.00

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Monthly Summary

Month	Number of Crashes	Percent of Total
Jan	0	0.00
Feb	0	0.00
Mar	0	0.00
Apr	0	0.00
May	1	50.00
Jun	1	50.00
Jul	0	0.00
Aug	0	0.00
Sep	0	0.00
Oct	0	0.00
Nov	0	0.00
Dec	0	0.00

Daily Summary

Day	Number of Crashes	Percent of Total
Mon	1	50.00
Tue	0	0.00
Wed	0	0.00
Thu	0	0.00
Fri	0	0.00
Sat	0	0.00
Sun	1	50.00

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Hourly Summary

Hour	Number of Crashes	Percent of Total
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	0	0.00
0600-0659	0	0.00
0700-0759	0	0.00
0800-0859	1	50.00
0900-0959	0	0.00
1000-1059	0	0.00
1100-1159	0	0.00
1200-1259	0	0.00
1300-1359	0	0.00
1400-1459	1	50.00
1500-1559	0	0.00
1600-1659	0	0.00
1700-1759	0	0.00
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

Condition	Dry	Wet	Other	Total
Day	2	0	0	2
Dark	0	0	0	0
Other	0	0	0	0
Total	2	0	0	2

Vehicle Type Summary

Vehicle Type	Number Involved	Percent of Total
PASSENGER CAR	2	50.00
PICKUP	1	25.00
SPORT UTILITY	1	25.00

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Yearly Totals Summary

Accident Totals

Year	Total Accidents	Fatal Accidents	Injury Accidents	Property Damage Only Accidents
2019	2	0	1	1
Total	2	0	1	1

Injury Totals

Year	Fatal Injuries	Class A, B, or C Injuries
2019	0	3
Total	0	3

Miscellaneous Totals

Year	Property Damage	EPDO Index
2019	\$ 4500	9.40
Total	\$ 4500	9.40

Type of Accident Totals

Year	Left Turn	Right Turn	Run Off Road &				Other
			Rear End	Fixed Object	Angle	Side Swipe	
2019	1	0	1	0	0	0	0
Total	1	0	1	0	0	0	0

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Study Criteria

Study Name	Log No.	PH No.	TIP No.	K/A Cf.	B/C Cf.	ADT	ADT Route
41000057912CONSTR				76.8	8.4	5500	

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

County			Municipality			Y-Line Ft.	Begin Date	End Date	Years
Name	Code	Div.	Name	Code	Code	Y-Line Ft.	Begin Date	End Date	Years
MONTGOMERY	62	8	All and Rural			150	2/1/2019	6/30/2019	0.41

Location Text	Requestor
NC 24/NC 27 at NC 73	

Fiche Roads

Name	Code
NC 24	30000024
NC 27	30000027
NC 73	30000073

Intersection Road Combinations

Name	Code	Code	Name
NC 24	30000024	30000027	NC 27
NC 24	30000024	30000073	NC 73
NC 27	30000027	30000073	NC 73