

Bridge Approach Speed Investigation

Bridge # 950014 over Bear Creek on SR 1714 (Parkstown Rd)
Wayne County
WBS Element # 17BP.4.R.43



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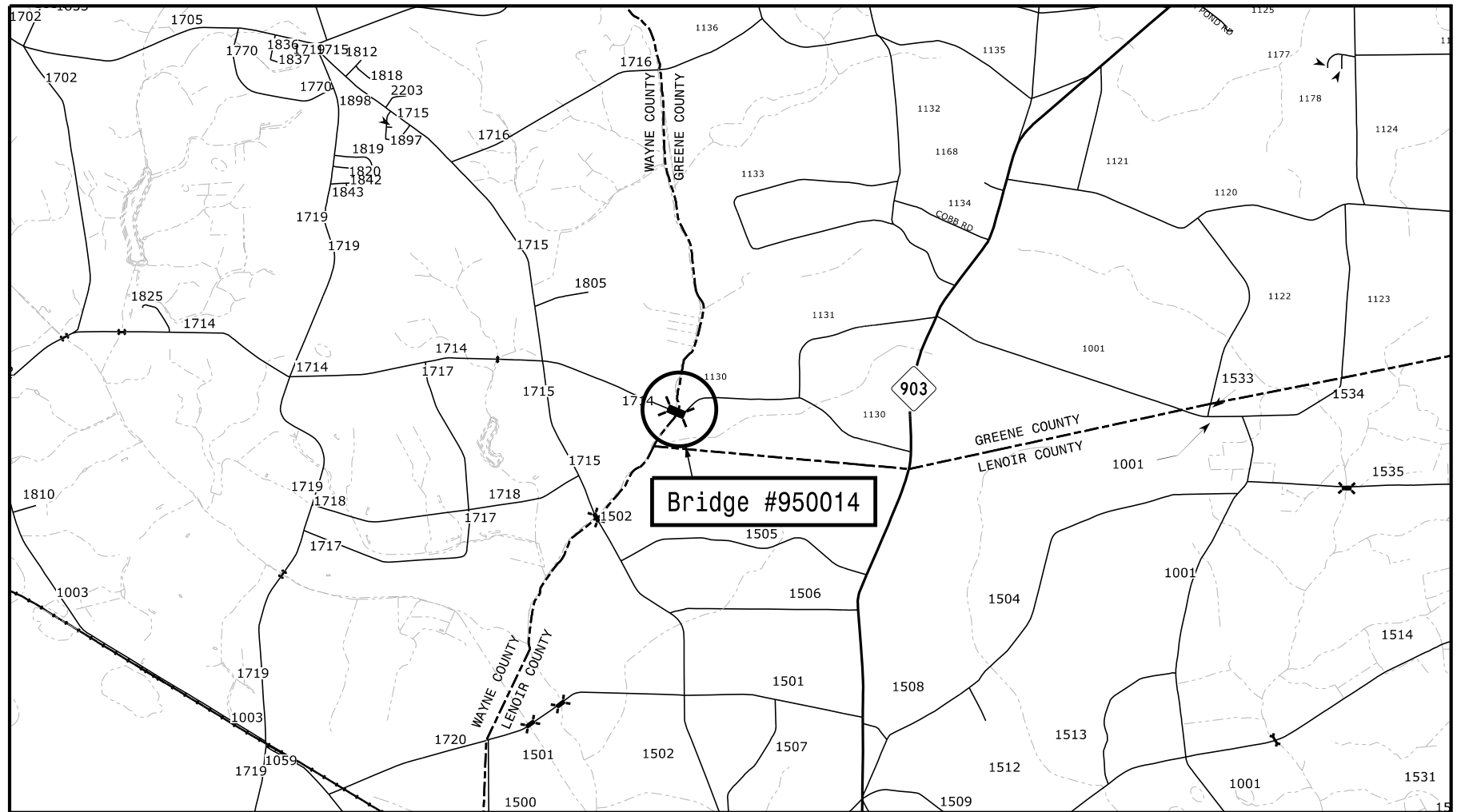
Project Manager

Bradley A. Reynolds, PE
Project Manager



Division 4 - Wayne County Design Build Year 2 Bridge Program

Bridge locations plotted based on coordinates provided by Bridge Management



Division	County	Structure Number	Structure Description	Latitude	Longitude
4	Wayne	950014	Bridge #14 over Bear Creek on SR 1714	35.37296498	-77.8028207



1"=5000'
SCALE

Bridge and Approach Investigation Checklist

Project	17BP.4.R.43
Description	Bridge #14 over Bear Creek on SR 1714
Route	SR 1714 (Parkstown Rd)
Division	4
County	Wayne

Existing Speed Limit	55	☒ Posted	☐ Statutory
Reasonable & Comfortable Passenger Car Speed	35-40 mph		
Speed Data	Five speed data points taken due to sparseness of traffic. 44 mph, 45 mph, 35 mph, 34 mph, 39 mph		
Ball Bank Speed Study	30 mph: EB - 12, WB - 12 35 mph: EB - 15, WB - 15		
Warning Signs at Bridge	Object Markers (W23-10) - one located at each bridge corner Weight Limit Signs (Single Vehicle 21 tons, TTST 30 tons) - 1x each Appr. W1-3L Reverse Turn Warning Sign with 25 mph advisory speed plaque on WB approach		
Roadside Development	Agricultural		
ADT History	1550 vpd from Crash Report (Attached)		
Pedestrian/Bicycle Traffic	Minimal expected		
Bridge and Approach Digital Photos	Attached		
Approach Lane Width	22' overall pavement width with 11' lanes		
Approach Shoulder Width: Shoulder Type	Varies from 4' to 6'± Grass		
Lane Width (existing bridge)	24' overall pavement width with 10' lanes		
Shoulder width (existing bridge)	±1-3'		
Strategic Corridor / Thoroughfare Designation and Recommended Cross Section	Minor Collector 10' Lanes, 3' Shoulders		
Crash History and Safety Considerations	Twelve reported collisions in a ten-year history (2/1/02 to 1/31/2012). Two crashes involved the bridge. Others mostly involved running off the road into the drainage ditches.		
Comments	Beark Creek is the Greene/Wayne County Line. Tight curve east of bridge.		

Reasonable Bridge Speed 40 mph

County: Wayne

Description: Bridge #14 over Bear Creek

Route: SR 1714

SR 1714 (Parkstown Rd) Eastbound $\pm$ 300' from Bridge #14



SR 1714 (Parkstown Rd) Eastbound $\pm$ 50' from Bridge #14



SR 1714 (Parkstown Rd) Eastbound $\pm$ 150' from Bridge #14



SR 1714 (Parkstown Rd) Westbound $\pm$ 150' from Bridge #14



County: Wayne

Description: Bridge #14 over Bear Creek

Route: SR 1714

SR 1714 (Parkstown Rd) Westbound $\pm$ 50' from Bridge #14

View of curve east of Bridge #14



View from southeast of Bridge #14 structure

View from northeast of Bridge #14 structure



Bridge Approach Speed Crash Analysis Request

Order # 41000018682

500 feet on Both Sides of Bridge Number 14 on Secondary Route 1714-Secondary Route 1130 (Parkstown Road) over Bear Creek in Wayne and Greene County

Document Prepared By:

Safety Planning Group
Traffic Safety Systems Management Unit
Transportation Mobility and Safety Division
North Carolina Department of Transportation

Note: The crash statistics have been generated and are available through North Carolina's Crash Database. This database provides an inventory of **reported** crashes on record that have occurred at this location. Please note that many traffic crashes go unreported for a variety of reasons, and this report simply provides a listing of all crashes on record that occurred within 0 feet of the section described above.

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

Study Criteria Summary

County: WAYNE **City:** All and Rural
Date: 02/01/2002 to 01/31/2012 **Study:** 41000018682
Location: 500 feet on Both Sides of Bridge Number 14 on Secondary Route 1714-Secondary Route 1130 (Parkstown Road) over Bear Creek in Wayne and Greene County

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	102764039	3.871	01/09/2010 17:41	FIXED OBJECT	\$ 1500	0	0	0	1	1	5	1	5	0	0	
Unit	1 : 1	Alchl/Drugs:	0	Speed: 45 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
2	103214248	3.895	07/27/2011 21:25	RAN OFF ROAD - RIGHT	\$ 8000	0	0	0	0	1	5	1	5	0	13	1
Unit	1 : 2	Alchl/Drugs:	0	Speed: 55 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		49		
3	103227199	3.895	08/14/2011 06:54	FIXED OBJECT	\$ 3700	0	0	0	0	1	5	1	5	0	13	1
Unit	1 : 5	Alchl/Drugs:	0	Speed: 35 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		49		
4	101930492	3.910	01/05/2007 06:22	FIXED OBJECT	\$ 2000	0	0	0	1	2	5	5	5	0	0	
Unit	1 : 2	Alchl/Drugs:	1	Speed: 35 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
5	102038517	3.915	05/14/2007 19:21	FIXED OBJECT	\$ 2000	0	0	0	0	1	1	1	7	0	13	1
Unit	1 : 1	Alchl/Drugs:	1	Speed: 45 MPH Dir: E		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
6	101103947	3.916	01/27/2004 04:00	FIXED OBJECT	\$ 2000	0	0	0	0	4	5	6	8	0	13	1
Unit	1 : 1	Alchl/Drugs:	0	Speed: 25 MPH Dir: E		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
7	102909021	3.920	07/09/2010 09:11	FIXED OBJECT	\$ 900	0	0	0	0	1	1	1	5	0	13	1
Unit	1 : 1	Alchl/Drugs:	7	Speed: 40 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
8	102712907	3.924	10/26/2009 12:35	OVERTURN/ROLLOVER	\$ 2000	0	0	0	2	1	1	2	1	0	13	1
Unit	1 : 2	Alchl/Drugs:	0	Speed: 45 MPH Dir: E		Veh Mnvr/Ped Actn:				4		Obj Strk:				
9	100824840	3.975	02/07/2003 22:00	FIXED OBJECT	\$ 3500	0	0	0	0	1	5	1	5	0	0	
Unit	1 : 1	Alchl/Drugs:	0	Speed: 55 MPH Dir: E		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		
10	100990010	3.975	09/12/2003 16:46	FIXED OBJECT	\$ 6000	0	0	0	0	2	1	3	5	0	13	1
Unit	1 : 32	Alchl/Drugs:	7	Speed: 55 MPH Dir: W		Veh Mnvr/Ped Actn:				4		Obj Strk:		58		

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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
11	101608388	3.975	11/14/2005 02:28	FIXED OBJECT	\$ 2000	0	0	0	0	1	5	5	5	0	13	1
Unit	1 : 2	Alchl/Drgs:	0	Speed:	45 MPH	Dir:	E	Veh Mnvr/Ped Actn:				4	Obj Strk:		58	
12	102983396	3.995	10/07/2010 19:20	OVERTURN/ROLLOVER	\$ 2000	0	0	0	0	1	5	1	5	0	13	1
Unit	1 : 1	Alchl/Drgs:	0	Speed:	50 MPH	Dir:	W	Veh Mnvr/Ped Actn:				4	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/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

Crash Type	Number of Crashes	Percent of Total
Total Crashes	12	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	3	25.00
Total Injury Crashes	3	25.00
Property Damage Only Crashes	9	75.00
Night Crashes	8	66.67
Wet Crashes	2	16.67
Alcohol/Drugs Involvement Crashes	2	16.67

Crash Severity Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	12	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	0	0.00
Class C Crashes	3	25.00
Property Damage Only Crashes	9	75.00

Vehicle Exposure Statistics

Annual ADT = 1550

Total Length = 0.2 (Miles)

0.322 (Kilometers)

Total Vehicle Exposure = 1.13 (MVMT)

1.82 (MVKMT)

Crash Rate	Crashes Per 100 Million Vehicle Miles	Crashes Per 100 Million Vehicle Kilometers
Total Crash Rate	1059.96	658.63
Fatal Crash Rate	0.00	0.00
Non Fatal Crash Rate	264.99	164.66
Night Crash Rate	706.64	439.09
Wet Crash Rate	176.66	109.77
EPDO Rate	3020.88	1877.09

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Traffic Engineering Accident Analysis System
Strip Analysis Report**

Miscellaneous Statistics

Severity Index =	2.85
EPDO Crash Index =	34.20
Estimated Property Damage Total = \$	35600.00

Accident Type Summary

Accident Type	Number of Crashes	Percent of Total
FIXED OBJECT	9	75.00
OVERTURN/ROLLOVER	2	16.67
RAN OFF ROAD - RIGHT	1	8.33

Injury Summary

Injury Type	Number of Injuries	Percent of Total
Fatal Injuries	0	0.00
Class A Injuries	0	0.00
Class B Injuries	0	0.00
Class C Injuries	4	100.00
Total Non-Fatal Injuries	4	100.00
Total Injuries	4	100.00

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

Monthly Summary

Month	Number of Crashes	Percent of Total
Jan	3	25.00
Feb	1	8.33
Mar	0	0.00
Apr	0	0.00
May	1	8.33
Jun	0	0.00
Jul	2	16.67
Aug	1	8.33
Sep	1	8.33
Oct	2	16.67
Nov	1	8.33
Dec	0	0.00

Daily Summary

Day	Number of Crashes	Percent of Total
Mon	3	25.00
Tue	1	8.33
Wed	1	8.33
Thu	1	8.33
Fri	4	33.33
Sat	1	8.33
Sun	1	8.33

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Strip Analysis Report

Hourly Summary

Hour	Number of Crashes	Percent of Total
0000-0059	0	0.00
0100-0159	0	0.00
0200-0259	1	8.33
0300-0359	0	0.00
0400-0459	1	8.33
0500-0559	0	0.00
0600-0659	2	16.67
0700-0759	0	0.00
0800-0859	0	0.00
0900-0959	1	8.33
1000-1059	0	0.00
1100-1159	0	0.00
1200-1259	1	8.33
1300-1359	0	0.00
1400-1459	0	0.00
1500-1559	0	0.00
1600-1659	1	8.33
1700-1759	1	8.33
1800-1859	0	0.00
1900-1959	2	16.67
2000-2059	0	0.00
2100-2159	1	8.33
2200-2259	1	8.33
2300-2359	0	0.00

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Traffic Engineering Accident Analysis System
Strip Analysis Report

Light and Road Conditions Summary

Condition	Dry	Wet	Other	Total
Day	3	1	0	4
Dark	6	1	1	8
Other	0	0	0	0
Total	9	2	1	12

Object Struck Summary

Object Type	Times Struck	Percent of Total
BRIDGE RAIL END	2	20.00
DITCH	8	80.00

Vehicle Type Summary

Vehicle Type	Number Involved	Percent of Total
PASSENGER CAR	6	50.00
PICKUP	4	33.33
UNKNOWN	1	8.33
VAN	1	8.33

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Traffic Engineering Accident Analysis System
Strip Analysis Report

Yearly Totals Summary

Accident Totals

Year	Total Accidents	Fatal Accidents	Injury Accidents	Property Damage Only Accidents
2002	0	0	0	0
2003	2	0	0	2
2004	1	0	0	1
2005	1	0	0	1
2006	0	0	0	0
2007	2	0	1	1
2008	0	0	0	0
2009	1	0	1	0
2010	3	0	1	2
2011	2	0	0	2
2012	0	0	0	0
Total	12	0	3	9

Injury Totals

Year	Fatal Injuries	Class A, B, or C Injuries
2002	0	0
2003	0	0
2004	0	0
2005	0	0
2006	0	0
2007	0	1
2008	0	0
2009	0	2
2010	0	1
2011	0	0
2012	0	0
Total	0	4

Miscellaneous Totals

Year	Property Damage	EPDO Index
2002	\$ 0	0.00
2003	\$ 9500	2.00
2004	\$ 2000	1.00

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Year	Property Damage	EPDO Index
2005	\$ 2000	1.00
2006	\$ 0	0.00
2007	\$ 4000	9.40
2008	\$ 0	0.00
2009	\$ 2000	8.40
2010	\$ 4400	10.40
2011	\$ 11700	2.00
2012	\$ 0	0.00
Total	\$ 35600	34.20

Type of Accident Totals

Year	Left Turn	Right Turn	Rear End	Run Off Road & Fixed Object	Angle	Side Swipe	Other
2002	0	0	0	0	0	0	0
2003	0	0	0	2	0	0	0
2004	0	0	0	1	0	0	0
2005	0	0	0	1	0	0	0
2006	0	0	0	0	0	0	0
2007	0	0	0	2	0	0	0
2008	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	1
2010	0	0	0	2	0	0	1
2011	0	0	0	2	0	0	0
2012	0	0	0	0	0	0	0
Total	0	0	0	10	0	0	2

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Traffic Engineering Accident Analysis System
Strip Analysis Report

Strip Diagram

Features	Milepost	Crash IDs
	3.800	
	3.810	
	3.820	
	3.830	
	3.840	
	3.850	
	3.860	
	3.870	102764039
BEGIN BRIDGE STRUCTURE	3.880	
BRIDGE #14 CL-GREENE CL-WAYNE	3.890	103214248 103227199
END BRIDGE STRUCTURE	3.900	
	3.910	101930492 102038517
	3.920	101103947 102909021 102712907
	3.930	
	3.940	
	3.950	
	3.960	
	3.970	100824840 100990010 101608388
	3.980	
	3.990	102983396

**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
41000018682	41000018682			76.8	8.4	1550	40001714

Request Date	Courier Service	Phone No.	Ext.	Fax No.
03/23/2012		(252)237-6164		

County			Municipality					
Name	Code	Div.	Name	Code	Y-Line Ft.	Begin Date	End Date	Years
WAYNE	95	4	All and Rural		0	02/01/2002	01/31/2012	10.00

Location Text	Requestor
500 feet on Both Sides of Bridge Number 14 on Secondary Route 1714-Secondary Route 1130 (Parkstown Road) over Bear Creek in Wayne and Greene County	Mr. Haywood Daughtry, PE Eastern & OBX Region Wilson NC

Included Accidents	Old MP	New MP	Type
100824840		3.975	I
100990010		3.975	I
101103947		3.916	I
101608388		3.975	I
101930492		3.91	I
102038517		3.915	I
102712907		3.924	I
102764039		3.871	I
102909021		3.92	I
103214248		3.895	I
103227199		3.895	I
102983396		3.995	I

Fiche Roads

Name	Code
I 1	10000001
PARKSTOWN	50023463
SR 1714	40001714

Strip Road

Name	Code	Begin MP	End MP	Miles	Kilometers
I 1	10000001	3.795	3.995	0.200	0.322

**North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index**

T - Type of Accident Codes

0 = UNKNOWN
1 = RAN OFF ROAD - RIGHT
2 = RAN OFF ROAD - LEFT
3 = RAN OFF ROAD - STRAIGHT
4 = JACKKNIFE
5 = OVERTURN/ROLLOVER
13 = OTHER NON-COLLISION
14 = PEDESTRIAN
15 = PEDALCYCLIST
16 = RR TRAIN, ENGINE
17 = ANIMAL
18 = MOVABLE OBJECT
19 = FIXED OBJECT
20 = PARKED MOTOR VEHICLE
21 = REAR END, SLOW OR STOP
22 = REAR END, TURN
23 = LEFT TURN, SAME ROADWAY
24 = LEFT TURN, DIFFERENT ROADWAYS
25 = RIGHT TURN, SAME ROADWAY
26 = RIGHT TURN, DIFFERENT ROADWAYS
27 = HEAD ON
28 = SIDESWIPE, SAME DIRECTION
29 = SIDESWIPE, OPPOSITE DIRECTION
30 = ANGLE
31 = BACKING UP
32 = OTHER COLLISION WITH VEHICLE

F - Road Feature Codes

0 = NO SPECIAL FEATURE
1 = BRIDGE
2 = BRIDGE APPROACH
3 = UNDERPASS
4 = DRIVEWAY, PUBLIC
5 = DRIVEWAY, PRIVATE
6 = ALLEY INTERSECTION
7 = FOUR-WAY INTERSECTION
8 = T-INTERSECTION
9 = Y-INTERSECTION
10 = TRAFFIC CIRCLE/ROUNDBOUT
11 = FIVE-POINT, OR MORE
12 = RELATED TO INTERSECTION
13 = NON-INTERSECTION MEDIAN CROSSING
14 = END OR BEGINNING - DIVIDED HIGHWAY
15 = OFF RAMP ENTRY
16 = OFF RAMP PROPER
17 = OFF RAMP TERMINAL ON CROSSROAD
18 = MERGE LANE BETWEEN ON AND OFF RAMP
19 = ON RAMP ENTRY
20 = ON RAMP PROPER
21 = ON RAMP TERMINAL ON CROSSROAD
22 = RAILROAD CROSSING
23 = TUNNEL
24 = SHARED-USE PATHS OR TRAILS
25 = OTHER

R - Road Condition Codes

1 = DRY
2 = WET
3 = WATER (STANDING, MOVING)
4 = ICE
5 = SNOW
6 = SLUSH
7 = SAND, MUD, DIRT, GRAVEL
8 = FUEL, OIL
9 = OTHER
10 = UNKNOWN

L - Light Condition Codes

1 = DAYLIGHT
2 = DUSK
3 = DAWN
4 = DARK - LIGHTED ROADWAY
5 = DARK - ROADWAY NOT LIGHTED
6 = DARK - UNKNOWN LIGHTING
7 = OTHER
8 = UNKNOWN

W - Weather Condition Codes

1 = CLEAR
2 = CLOUDY
3 = RAIN
4 = SNOW
5 = FOG, SMOG, SMOKE
6 = SLEET, HAIL, FREEZING RAIN/DRIZZLE
7 = SEVERE CROSSWINDS
8 = BLOWING SAND, DIRT, SNOW
9 = OTHER

S - Accident Severity Codes

K = FATAL
A = A-LEVEL INJURY
B = B-LEVEL INJURY
C = C-LEVEL INJURY
O = PROPERTY DAMAGE ONLY

Ch - Road Character

1 = STRAIGHT, LEVEL
2 = STRAIGHT, HILLCREST
3 = STRAIGHT, GRADE
4 = STRAIGHT, BOTTOM (SAG)
5 = CURVE, LEVEL
6 = CURVE, HILLCREST
7 = CURVE, GRADE
8 = CURVE, BOTTOM (SAG)
9 = OTHER

Op - Traffic Control Operating

1 = YES
2 = NO
3 = UNKNOWN

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Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index**

Veh Mnvr - Vehicle Maneuver Codes

1 = STOPPED IN TRAVEL LANE
2 = PARKED OUT OF TRAVEL LANES
3 = PARKED IN TRAVEL LANES
4 = GOING STRAIGHT AHEAD
5 = CHANGING LANES OR MERGING
6 = PASSING
7 = MAKING RIGHT TURN
8 = MAKING LEFT TURN
9 = MAKING U-TURN
10 = BACKING
11 = SLOWING OR STOPPING
12 = STARTING IN ROADWAY
13 = PARKING
14 = LEAVING PARKED POSITION
15 = AVOIDING OBJECT IN ROAD

Dv - Traffic Control Device

0 = NO CONTROL PRESENT
1 = STOP SIGN
2 = YIELD SIGN
3 = STOP AND GO SIGNAL
4 = FLASHING SIGNAL WITH STOP SIGN
5 = FLASHING SIGNAL WITHOUT STOP SIGN
6 = RR GATE AND FLASHER
7 = RR FLASHER
8 = RR CROSSBUCKS ONLY
9 = HUMAN CONTROL
10 = WARNING SIGN
11 = SCHOOL ZONE SIGNS
12 = FLASHING STOP AND GO SIGNAL
13 = DOUBLE YELLOW LINE, NO PASSING ZONE
14 = OTHER

Alchl/Drugs - Driver Alcohol/Drugs Suspected Status Codes

0 = NO
1 = YES - ALCOHOL, IMPAIRMENT SUSPECTED
2 = YES - ALCOHOL, NO IMPAIRMENT DETECTED
3 = YES - OTHER DRUGS, IMPAIRMENT SUSPECTED
4 = YES - OTHER DRUGS, NO IMPAIRMENT DETECTED
5 = YES - ALCOHOL AND OTHER DRUGS, IMPAIRMENT SUSPECTED
6 = YES - ALCOHOL AND OTHER DRUGS, NO IMPAIRMENT DETECTED
7 = UNKNOWN

Ped Actn - Pedestrian Action Codes

1 = ENTERING OR CROSSING SPECIFIED LOCATION
2 = WALKING, RIDING, RUNNING/JOGGING WITH TRAFFIC
3 = WALKING, RIDING, RUNNING/JOGGING AGAINST TRAFFIC
4 = WORKING
5 = PUSHING VEHICLE
6 = APPROACHING OR LEAVING VEHICLE
7 = PLAYING
8 = STANDING
9 = OTHER

Ci - Roadway Contributing Circumstances

0 = NONE (NO UNUSUAL CONDITIONS)
1 = ROAD SURFACE CONDITION
2 = DEBRIS
3 = RUT, HOLES, BUMPS
4 = WORK ZONE (CONSTRUCTION, MAINTENANCE, UTILITY)
5 = WORN TRAVEL-POLISHED SURFACE
6 = OBSTRUCTION IN ROADWAY
7 = TRAFFIC CONTROL DEVICE INOPERATIVE, NOT VISIBLE OR MISSING
8 = SHOULDERS LOW, SOFT OR HIGH
9 = NO SHOULDERS
10 = NON-HIGHWAY WORK
11 = OTHER
12 = UNKNOWN

**North Carolina Department of Transportation
Traffic Engineering Accident Analysis System
Fiche, Intersection, and Strip Reports Code Index**

Obj Strk - Object Struck Codes

14 = PEDESTRIAN
15 = PEDALCYCLIST
17 = ANIMAL
18 = MOVABLE OBJECT
20 = PARKED MOTOR VEHICLE
33 = TREE
34 = UTILITY POLE
35 = LUMINAIRE POLE NON-BREAKAWAY
36 = LUMINAIRE POLE BREAKAWAY
37 = OFFICIAL HIGHWAY SIGN NON-BREAKAWAY
38 = OFFICIAL HIGHWAY SIGN BREAKAWAY
39 = OVERHEAD SIGN SUPPORT
40 = COMMERCIAL SIGN
41 = GUARDRAIL END ON SHOULDER
42 = GUARDRAIL FACE ON SHOULDER
43 = GUARDRAIL END IN MEDIAN
44 = GUARDRAIL FACE IN MEDIAN
45 = SHOULDER BARRIER END
46 = SHOULDER BARRIER FACE
47 = MEDIAN BARRIER END
48 = MEDIAN BARRIER FACE
49 = BRIDGE RAIL END
50 = BRIDGE RAIL FACE
51 = OVERHEAD PART UNDERPASS
52 = PIER ON SHOULDER OF UNDERPASS
53 = PIER IN MEDIAN OF UNDERPASS
54 = ABUTMENT OF UNDERPASS
55 = TRAFFIC ISLAND CURB OR MEDIAN
56 = CATCH BASIN OR CULVERT ON SHOULDER
57 = CATCH BASIN OR CULVERT ON MEDIAN
58 = DITCH
59 = EMBANKMENT
60 = MAILBOX
61 = FENCE OR FENCE POST
62 = CONTRUCTION BARRIER
63 = CRASH CUSHION
64 = OTHER FIXED OBJECT

Unit # - Vehicle Style Codes

1 = PASSENGER CAR
2 = PICKUP
3 = LIGHT TRUCK (MINI-VAN, PANEL)
4 = SPORT UTILITY
5 = VAN
6 = COMMERCIAL BUS
7 = SCHOOL BUS
8 = ACTIVITY BUS
9 = OTHER BUS
10 = SINGLE UNIT TRUCK (2-AXLE, 6-TIRE)
11 = SINGLE UNIT TRUCK (3 OR MORE AXLES)
12 = TRUCK/TRAILER
13 = TRUCK/TRACTOR
14 = TRACTOR/SEMI-TRAILER
15 = TRACTOR/DOULBES
16 = UNKNOWN HEAVY TRUCK
17 = TAXICAB
18 = FARM EQUIPMENT
19 = FARM TRACTOR
20 = MOTORCYCLE
21 = MOPED
22 = MOTOR SCOOTER OR MOTOR BIKE
23 = PEDALCYCLE
24 = PEDESTRIAN
25 = MOTOR HOME/RECREATIONAL VEHICLE
26 = OTHER
27 = ALL TERRAIN VEHICLE (ATV)
28 = FIRETRUCK
29 = EMS VEHICLE, AMBULANCE, RESCUE SQUAD
30 = MILITARY
31 = POLICE
32 = UNKNOWN