APPENDIX G: CRASH SUMMARY

THE BRITE BRIDGES:

Bridging Resources for Infrastructure and Thriving Economies Project



Study Criteria Summary

County: WASHINGTON City: All and Rural

Date: 8/1/2018 to 7/31/2023 Study: NC32BRIDGECRASHES930015

Location:

Report Details

Acc										Total		Inju	ries		C	ondit	ion	Ro	ad	Trfc	Ctl
No	Crash ID	Milepost	[Date	Acc	ider	t Type	•	Da	amage	F	Α	В	С	R	L	W	Ch	Ci	Dv	Op
1	105649435	30.152		3/2018 8:39	MOVABI	LE O	BJECT		\$	3000	0	0	0	0	1	1	1	1	0	13	1
Unit	1 : 14	Alchl/Dr	gs:	0	Speed:	55	MPH	Dir:	S		Veh N	/Invr/	Ped	Actn:		4	C	bj St	trk:		
Unit	2 : 2	Alchl/Dr	gs:	0	Speed:	55	MPH	Dir:	Ν		Veh N	Mnvr/	Ped.	Actn:		4	C	bj St	trk:	18	
2	107328199	30.152		– – – 1/2023 8:17	FIXED C	BJE(— — - СТ		\$	3000	0	0	0	0	1	1	1	1	0	13	1
Unit	1 : 1	Alchl/Dr	gs:	0	Speed:	55	MPH	Dir:	S		Veh N	Mnvr/	Ped	Actn:		4	c	bj St	trk:	33	
3	106653518	31.882		– – – 5/2021 0:59	MOVABI	E OE	– – - BJECT		\$	1000	0	0	0	0	1	- - 5	1	5	0	13	1
Unit	1:4	Alchl/Dr	gs:	0	Speed:	55	MPH	Dir:	S		Veh N	Mnvr/	Ped	Actn:		4	C	bj St	trk:	18	

Acc No - Accident Number

Legend for Report Details:

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

Summary Statistics

High Level Crash Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	3	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	0	0.00
Total Injury Crashes	0	0.00
Property Damage Only Crashes	3	100.00
Night Crashes	1	33.33
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	3	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	0	0.00
Class C Crashes	0	0.00
Property Damage Only Crashes	3	100.00

Vehicle Exposure Statistics

Annual ADT = 4000

Total Length = 1.802 (Miles) 2.9 (Kilometers)

Total Vehicle Exposure = 13.16 (MVMT) 21.18 (MVKMT)

Crash Rate	Crashes Per 100 Million Vehicle Miles	Crashes Per 100 Million Vehicle Kilometers	
Total Crash Rate	22.79	14.16	
Fatal Crash Rate	0.00	0.00	
Non Fatal Crash Rate	0.00	0.00	
Night Crash Rate	7.60	4.72	
Wet Crash Rate	0.00	0.00	
EPDO Rate	22.79	14.16	

Miscellaneous Statistics

Severity Index =	1.00
EPDO Crash Index =	3.00
Estimated Property Damage Total = \$	7000.00

Accident Type Summary

	Number of	Percent
Accident Type	Crashes	of Total
FIXED OBJECT	1	33.33
MOVABLE OBJECT	2	66.67

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	0	0.00
Total Non-Fatal Injuries	0	0.00
Total Injuries	0	0.00

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	33.33
Jun	0	0.00
Jul	0	0.00
Aug	1	33.33
Sep	0	0.00
Oct	1	33.33
Nov	0	0.00
Dec	0	0.00

Daily Summary

Day	Number of Crashes	Percent of Total
Mon	1	33.33
Tue	0	0.00
Wed	0	0.00
Thu	2	66.67
Fri	0	0.00
Sat	0	0.00
Sun	0	0.00

Hourly Summary

	Number of	Percent
Hour	Crashes	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	33.33
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	0	0.00
1500-1559	0	0.00
1600-1659	0	0.00
1700-1759	0	0.00
1800-1859	1	33.33
1900-1959	0	0.00
2000-2059	1	33.33
2100-2159	0	0.00
2200-2259	0	0.00
2300-2359	0	0.00

Light and Road Conditions Summary

Condition	Dry	Wet	Other	Total
Day	2	0	0	2
Dark	1	0	0	1
Other	0	0	0	0
Total	3	0	0	3

Object Struck Summary

	Times	Percent
Object Type	Struck	of Total
MOVABLE OBJECT	2	66.67
TREE	1	33.33

Vehicle Type Summary

	Number	Percent
Vehicle Type	Involved	of Total
PASSENGER CAR	1	25.00
PICKUP	1	25.00
SPORT UTILITY	1	25.00
TRACTOR/SEMI-TRAILER	1	25.00

Yearly Totals Summary

Accident Totals

Total Accidents	Fatal Accidents	Injury Accidents	Property Damage Only Accidents
1	0	0	1
0	0	0	0
0	0	0	0
1	0	0	1
0	0	0	0
1	0	0	1
3	0	0	3
	1 0 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	Accidents Accidents 1 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0	Accidents Accidents Accidents 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0

Injury Totals

Year	Fatal Injuries	Class A, B, or C Injuries
2018	0	0
2019	0	0
2020	0	0
2021	0	0
2022	0	0
2023	0	0
Total	0	0

Miscellaneous Totals

Year	F	Property Damage	EPDO Index
2018	\$	3000	1.00
2019	\$	0	0.00
2020	\$	0	0.00
2021	\$	1000	1.00
2022	\$	0	0.00
2023	\$	3000	1.00
Total	\$	7000	3.00

Type of Accident Totals

				Run Off Road &			
Year	Left Turn	Right Turn	Rear End	Fixed Object	Angle	Side Swipe	Other
2018	0	0	0	0	0	0	1
2019	0	0	0	0	0	0	0

	Run Off Road &								
Year	Left Turn	Right Turn	Rear End	Fixed Object	Angle	Side Swipe	Other		
2020	0	0	0	0	0	0	0		
2021	0	0	0	0	0	0	1		
2022	0	0	0	0	0	0	0		
2023	0	0	0	1	0	0	0		
Total	0	0	0	1	0	0	2		

Strip Diagram

Features	Milepost Crash IDs
	30.08
	30.09
	30.10
	30.11
	30.12
	30.13
	30.14
	30.15 105649435 107328199
	30.16
	30.17
	30.18
	30.19
	30.20
	30.21
	30.22
	30.23
	30.24
	30.25
	30.26 30.27
	30.28
	30.29
	30.30
	30.31
	30.32
	30.33
	30.34
	30.35
	30.36
	30.37
	30.38
	30.39
	30.40
	30.41
	30.42
	30.43
	30.44
	30.45
	30.46
	30.47
	30.48
	30.49
	30.50

	Strip Analysis Report	
Features	Milepost Crash IDs	
	30.51	
	30.52	
	30.53	
	30.54	
	30.55	
	30.56	
	30.57	
	30.58	
	30.59	
	30.60	
	30.61	
	30.62	
	30.63	
	30.64	
	30.65	
	30.66	
	30.67	
	30.68	
	30.69	
	30.70	
	30.71	
	30.72	
	30.73	
	30.74	
	30.75	
	30.76	
	30.77	
	30.78	
	30.79	
	30.80	
	30.81	
	30.82	
	30.83	
	30.84	
	30.85	
	30.86	
	30.87	
	30.88	
	30.89	
	30.90	
	30.91	
	30.92	
	30.93	
	30.94	
	30.95	
	30.96	

	Strip Analysis Report	
Features	Milepost Crash IDs	
	30.97	
	30.98	
	30.99	
	31.00	
	31.01	
	31.02	
	31.03	
	31.04	
	31.05	
	31.06	
	31.07 31.08	
	31.09	
	31.10	
	31.11	
	31.12	
	31.13	
	31.14	
	31.15	
	31.16	
	31.17	
	31.18	
	31.19	
	31.20	
	31.21	
	31.22	
	31.23	
	31.24	
	31.25	
	31.26	
	31.27	
	31.28	
	31.29	
	31.30	
	31.31	
	31.32	
	31.33	
	31.34	
	31.35	
	31.36	
	31.37	
	31.38	
	31.39	
	31.40	
	31.41	
	31.42	

	Strip Analysis Report	
Features	Milepost Crash IDs	
	31.43	
	31.44	
	31.45	
	31.46	
	31.47	
	31.48	
	31.49	
	31.50	
	31.51	
	31.52	
	31.53	
	31.54	
	31.55	
	31.56	
	31.57	
	31.58	
	31.59	
	31.60	
	31.61	
	31.62	
	31.63	
	31.64	
	31.65	
	31.66	
	31.67	
	31.68	
	31.69	
	31.70	
	31.71	
	31.72	
	31.73	
	31.74	
	31.75	
	31.76	
	31.77	
	31.78	
	31.79	
	31.80	
	31.81	
	31.82	
	31.83	
	31.84	
	31.85	
	31.86	
Gharantan	31.87	
Structure:930015 CL-CHOWAN	31.88 106653518	

Study Criteria

Study Name			Log No.	PH No.	TI	P No.	K/A Cf.	B/C Cf.	ADT	ADT Route
NC32BRIDGECRAS	HES930015						76.8	8.4	4000	
Request Date	Courier Sei	rvice	Phone No.	Ext.	Fax	No.				
Cour	nty		Munio	cipality						
Cour	Code	Div.	Munio	cipality	Code	Y-Line Ft	. Beg	in Date	End Date	e Years

Requestor

	Fiche Roads	
Name		Code
		30000032

Location Text

Strip Road

Name	Code	Begin MP End MP		Miles	Kilometers	
	30000032	30.080	31.882	1.802	2.900	

Study Criteria Summary

County: BERTIE City: All and Rural

Date: 8/1/2018 to 7/31/2023 Study: BERTIENC45BRIDGE

Location:

Report Details

					_	•				_										
Acc								.	Total		Inju	ıries	_	C	ondi	tion	Ro	ad	Trfc	: Ctl
No	Crash ID	Milepost	Date	Ac	cider	nt Type	е	Da	amage	F	Α	В	С	R	L	W	Ch	Ci	Dv	Op
1	107058647	0.100	08/27/2022 12:49	SIDESV DIRECT	,	OPPOS	SITE	\$	750	0	0	0	0	1	1	1	3	0	13	1
Unit	1:4	Alchi/Drg	gs: 0	Speed:	55	MPH	Dir:	Ν		Veh	Mnvr	/Ped	Actn:		4	c	bj St	rk:		
Unit	2 : 4	Alchi/Drg	gs: 0	Speed:	55	MPH	Dir:	s 		Veh	Mnvr	/Ped	Actn:	_	4	_ c	bj St	rk:		
2	107336983	0.100	05/09/2023 08:17	SIDESV DIRECT	,	OPPOS	SITE	\$	600	0	0	0	0	1	1	1	1	0	0	
Unit	1 : 10	Alchl/Dro	gs: 0	Speed:	55	MPH	Dir:	Ν		Veh	Mnvr	/Ped	Actn:		4	C	bj St	rk:		
Unit	2 : 14	Alchi/Dro	gs: 0	Speed:	55	MPH	Dir:	s 		Veh	Mnvr	/Ped	Actn:	_	4	_ c	bj St	rk:		
3	106722903	0.200	10/09/2021 21:56	FIXED (OBJE	СТ		\$	4500	0	0	0	0	1	5	2	1	0	0	
Unit	1:1	Alchi/Dro	gs: 1	Speed:	55	MPH	Dir:	s 		Veh	Mnvr	/Ped	Actn:		4	_ c	bj St	rk:	58	
4	106002942	0.840	09/19/2019 06:24	SIDESV DIRECT		OPPOS	SITE	\$	9000	0	0	1	1	1	5	1	3	0	0	
Unit	1:4	Alchi/Drg	gs: 0	Speed:	70	MPH	Dir:	S		Veh	Mnvr	/Ped	Actn:		4	c	bj St	rk:	55	
Unit	2 : 2	Alchi/Dro	gs : 0	Speed:	55	MPH	Dir:	N		Veh	Mnvr	/Ped	Actn:		4	C	bj St	rk:		
5	106333404	0.840	09/08/2020 17:10	ANIMAL	-			\$	1000	0	0	0	0	1	1	1	1	0	0	
Unit	1:1	Alchi/Dro	gs: 0	Speed:	55	MPH	Dir:	E		Veh	Mnvr	/Ped	Actn:		4	_ c	bj St	rk:	17	
6	107398977	0.940	07/06/2023 23:33	REAR E STOP	END, S	SLOW (OR	\$	0	0	0	0	0	1	 5	1	1	0	13	1
Unit	1: 32	Alchi/Drg	gs: 7	Speed:	55	MPH	Dir:	S		Veh	Mnvr	/Ped	Actn:		4	C	bj St	rk:		
Unit	2 : 1	Alchi/Drg	gs : 0	Speed:	5	MPH	Dir:	S		Veh	Mnvr	/Ped	Actn:		11	C	bj St	rk:		
														-						

Acc No - Accident Number

Legend for Report Details:

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

Summary Statistics

High Level Crash Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	6	100.00
Fatal Crashes	0	0.00
Non-Fatal Injury Crashes	1	16.67
Total Injury Crashes	1	16.67
Property Damage Only Crashes	5	83.33
Night Crashes	3	50.00
Wet Crashes	0	0.00
Alcohol/Drugs Involvement Crashes	1	16.67

Crash Severity Summary

Crash Type	Number of Crashes	Percent of Total
Total Crashes	6	100.00
Fatal Crashes	0	0.00
Class A Crashes	0	0.00
Class B Crashes	1	16.67
Class C Crashes	0	0.00
Property Damage Only Crashes	5	83.33

Vehicle Exposure Statistics

Annual ADT = 4000

Total Length = 1.1 (Miles) 1.77 (Kilometers)

Total Vehicle Exposure = 8.03 (MVMT) 12.93 (MVKMT)

Crash Rate	Crashes Per 100 Million Vehicle Miles	Crashes Per 100 Million Vehicle Kilometers
Total Crash Rate	74.68	46.40
Fatal Crash Rate	0.00	0.00
Non Fatal Crash Rate	12.45	7.73
Night Crash Rate	37.34	23.20
Wet Crash Rate	0.00	0.00
EPDO Rate	166.78	103.63

Miscellaneous Statistics

Severity Index =	2.23
EPDO Crash Index =	13.40
Estimated Property Damage Total = \$	15850.00

Accident Type Summary

	Number of	Percent
Accident Type	Crashes	of Total
ANIMAL	1	16.67
FIXED OBJECT	1	16.67
REAR END, SLOW OR STOP	1	16.67
SIDESWIPE, OPPOSITE DIRECTION	3	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	1	50.00
Class C Injuries	1	50.00
Total Non-Fatal Injuries	2	100.00
Total Injuries	2	100.00

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	16.67
Jun	0	0.00
Jul	1	16.67
Aug	1	16.67
Sep	2	33.33
Oct	1	16.67
Nov	0	0.00
Dec	0	0.00

Daily Summary

Day	Number of Crashes	Percent of Total
Mon	0	0.00
Tue	2	33.33
Wed	0	0.00
Thu	2	33.33
Fri	0	0.00
Sat	2	33.33
Sun	0	0.00

Hourly Summary

	,	•
	Number of	Percent
Hour	Crashes	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	1	16.67
0700-0759	0	0.00
0800-0859	1	16.67
0900-0959	0	0.00
1000-1059	0	0.00
1100-1159	0	0.00
1200-1259	1	16.67
1300-1359	0	0.00
1400-1459	0	0.00
1500-1559	0	0.00
1600-1659	0	0.00
1700-1759	1	16.67
1800-1859	0	0.00
1900-1959	0	0.00
2000-2059	0	0.00
2100-2159	1	16.67
2200-2259	0	0.00
2300-2359	1	16.67

Light and Road Conditions Summary

Condition	Dry	Wet	Other	Total
Day	3	0	0	3
Dark	3	0	0	3
Other	0	0	0	0
Total	6	0	0	6

Object Struck Summary

	Times	Percent
Object Type	Struck	of Total
ANIMAL	1	33.33
DITCH	1	33.33
TRAFFIC ISLAND CURB OR MEDIAN	1	33.33

Vehicle Type Summary

Vehicle Type	Number Involved	Percent of Total
PASSENGER CAR	3	30.00
PICKUP	1	10.00
SINGLE UNIT TRUCK (2-AXLE, 6-TIRE)	1	10.00
SPORT UTILITY	3	30.00
TRACTOR/SEMI-TRAILER	1	10.00
UNKNOWN	1	10.00

Yearly Totals Summary

Accident Totals

Year	Total Accidents	Fatal Accidents	Injury Accidents	Property Damage Only Accidents
2018	0	0	0	0
2019	1	0	1	0
2020	1	0	0	1
2021	1	0	0	1
2022	1	0	0	1
2023	2	0	0	2
Total	6	0	1	5

Injury Totals

Year	Fatal Injuries	Class A, B, or C Injuries
2018	0	0
2019	0	2
2020	0	0
2021	0	0
2022	0	0
2023	0	0
Total	0	2

Miscellaneous Totals

Year	F	Property Damage	EPDO Index
2018	\$	0	0.00
2019	\$	9000	8.40
2020	\$	1000	1.00
2021	\$	4500	1.00
2022	\$	750	1.00
2023	\$	600	2.00
Total	\$	15850	13.40

Type of Accident Totals

		Run Off Road &						
Year	Left Turn	Right Turn	Rear End	Fixed Object	Angle	Side Swipe	Other	
2018	0	0	0	0	0	0	0	
2019	0	0	0	0	0	1	0	

_									_
				_	Run Off Road &		<u>. </u>		
	Year	Left Turn	Right Turn	Rear End	Fixed Object	Angle	Side Swipe	Other	_
	2020	0	0	0	0	0	0	1	
	2021	0	0	0	1	0	0	0	
	2022	0	0	0	0	0	1	0	
	2023	0	0	1	0	0	1	0	
	Total	0	0	1	1	0	3	1	

Strip Diagram

Features	Milepost Crash IDs
CL-WASHINGTON	0.00
	0.01
	0.02
	0.03
	0.04
	0.05
	0.06
	0.07
	0.08
	0.09
	0.10 107058647 107336983
	0.11
	0.12
	0.13
	0.14
	0.15
	0.16
	0.17
	0.18
	0.19
	0.20 106722903
	0.21
	0.22
	0.23
	0.24
	0.25
	0.26
	0.27
	0.28
	0.29
	0.30
	0.31
	0.32
	0.33
	0.34
	0.35
	0.36
	0.37
	0.38
	0.39
	0.40
	0.41
	0.42

Factoria	Strip Analysis Report	
Features	Milepost Crash IDs	
	0.43	
	0.44 0.45	
	0.46	
	0.47	
Structure:070007	0.48	
	0.49	
	0.50	
	0.51	
	0.52	
	0.53	
	0.54	
	0.55	
	0.56	
	0.57	
	0.58	
	0.59	
	0.60	
	0.61 0.62	
	0.63	
	0.64	
	0.65	
	0.66	
	0.67	
	0.68	
	0.69	
	0.70	
	0.71	
	0.72	
	0.73	
	0.74	
	0.75	
	0.76	
	0.77	
	0.78 0.79	
	0.80	
	0.81	
	0.82	
	0.83	
	0.84 106002942 106333404	
	0.85	
	0.86	
	0.87	

	•	, e.e
Features	Milepost	Crash IDs
	0.88	
	0.89	
	0.90	
	0.91	
	0.92	
	0.93	
	0.94	107398977
	0.95	
	0.96	
	0.97	
	0.98	
	0.99	
	1.00	
	1.01	
	1.02	
	1.03	
	1.04	
	1.05	
	1.06	
	1.07	
	1.08	
	1.09	
	1.10	

Study Criteria

Study Name		•	Log No.	PH No.	TI	P No.	K/A Cf.	B/C Cf.	ADT	ADT Route
BERTIENC45BRIDG	Έ						76.8	8.4	4000	
Request Date	Courier Se	rvice	Phone No.	Ext.	Fax	No.				
Coun	ty		Munio	cipality						
Name	Code	Div.	Name		Code	Y-Line Ft	. Beg	in Date	End Date	Years
Name BERTIE	Code 8	Div. 1	Name All and Rural		Code	Y-Line Ft		in Date /2018	7/31/202	

	Fiche Roads	
Name		Code
		30000045

Strip Road

Name	Code	Begin MP	End MP	Miles	Kilometers
	30000045	0.000	1.100	1.100	1.770