



Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 05/30/2019
 by Jessica Avery

Study Map & Totals

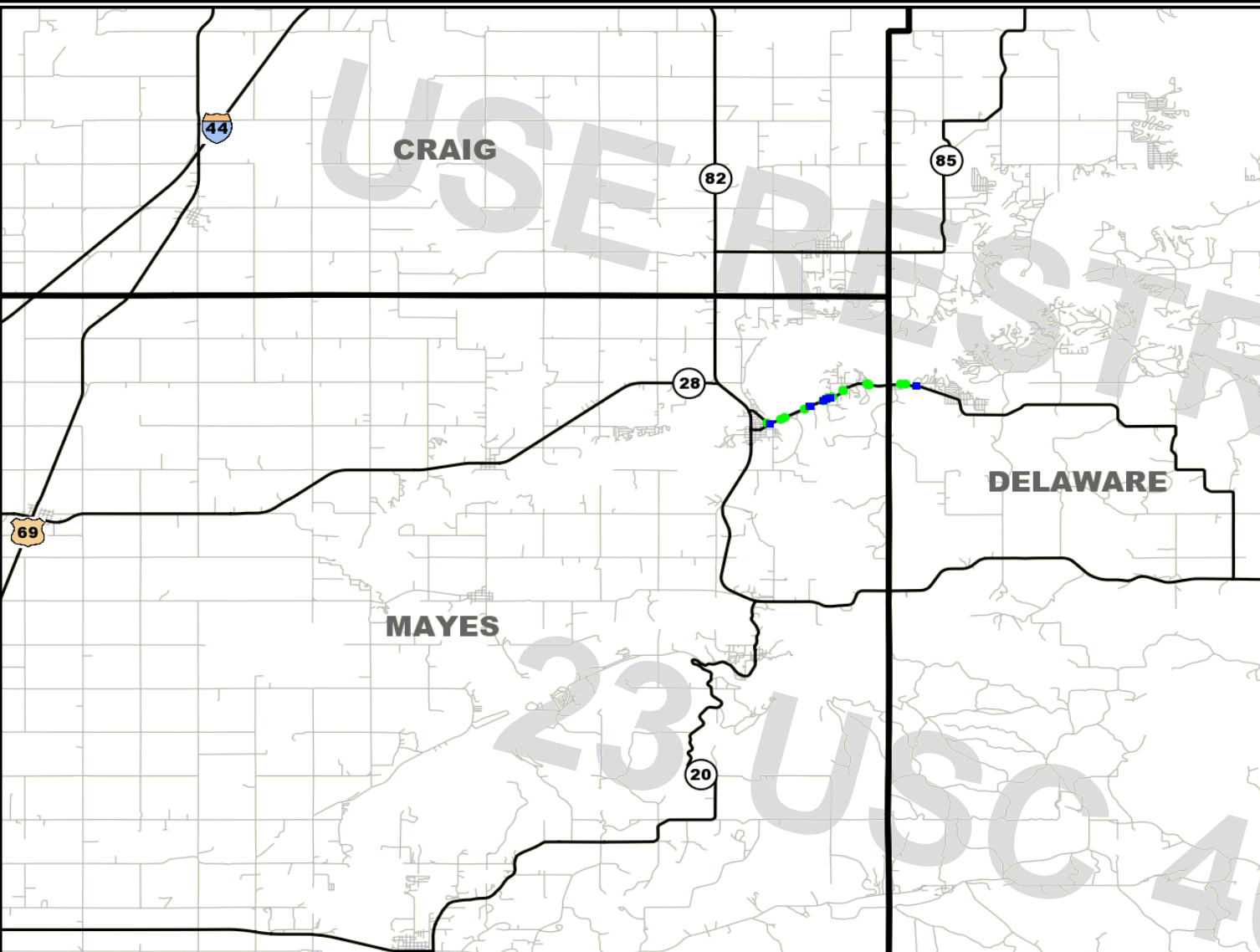
Legend

- ▲ Fatality
- Injury
- Property Damage



Remarks:

NONE



GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 thru 07-31-2018

	2013						2014						2015					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions					1	1					4	4			2	1	3	6
Persons						0					0	0			2	1		3



STUDY TOTALS (CONT.)

GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

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	2016						2017						2018*					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions				1	2	3			1	1	4	6				1	1	2
Persons				1		1			1	2		3				2		2

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

	Study Total					
	Fatality	Incapacitating Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
Collisions			3	4	15	22
Persons			3	6		9



STUDY TOTALS - BY CITY AND HWY CLASS

GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

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STUDY TOTALS

Year	HIGHWAY COLLISIONS				CITY STREET COLLISIONS				COUNTY ROAD COLLISIONS				TOTAL COLLISIONS			
	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot
2013			1	1											1	1
2014			4	4											4	4
2015		3	3	6										3	3	6
2016		1	2	3										1	2	3
2017		2	4	6										2	4	6
2018*		1	1	2										1	1	2
Total:		7	15	22				0				0		7	15	22

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

County: (21) DELAWARE

	HIGHWAY COLLISIONS				CITY STREET COLLISIONS				COUNTY ROAD COLLISIONS				TOTAL COLLISIONS			
	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot
(00) - RURAL -		1	2	3										1	2	3

County: (49) MAYES

	HIGHWAY COLLISIONS				CITY STREET COLLISIONS				COUNTY ROAD COLLISIONS				TOTAL COLLISIONS			
	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot	Fat	Inj*	PD	Tot
(00) - RURAL -		1	3	4										1	3	4
(15) DISNEY		5	9	14										5	9	14
(20) LANGLEY			1	1											1	1
Total:		6	13	19				0				0		6	13	19

* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



TABULATION OF COLLISIONS

GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

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Collisions By Type Of Collision

Type Of Collision	2013				2014				2015				2016				2017			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Rear-End (front-to-rear)																		2	2	4
Head-On (front-to-front)							1	1												
Right Angle (front-to-side)																				
Angle Turning											1	1								
Other Angle																				
Sideswipe Same Direction																				
Sideswipe Opposite Direction							1	1			1	1	1	1					1	1
Fixed Object							2	2		3	1	4			1	1			1	1
Pedestrian																				
Pedal Cycle																				
Animal																				
Overturn/Rollover																				
Vehicle-Train																				
Other Single Vehicle Crash																				
Other			1	1											1	1				
Total			1	1			4	4		3	3	6		1	2	3		2	4	6
Percent			4.5	4.5			18.2	18.2		13.6	13.6	27.3		4.5	9.1	13.6		9.1	18.2	27.3

Collisions By Type Of Collision

Type Of Collision	2018*				Total				Pct
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	
Rear-End (front-to-rear)		1		1		3	2	5	22.7
Head-On (front-to-front)							1	1	4.5
Right Angle (front-to-side)									
Angle Turning							1	1	4.5
Other Angle									
Sideswipe Same Direction									
Sideswipe Opposite Direction			1	1		1	4	5	22.7
Fixed Object						3	5	8	36.4
Pedestrian									
Pedal Cycle									
Animal									
Overturn/Rollover									
Vehicle-Train									
Other Single Vehicle Crash									
Other							2	2	9.1
Total		1	1	2		7	15	22	100
Percent		4.5	4.5	9.1		31.8	68.2	100	

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Units By Unit Type

Unit Type	2013				2014				2015				2016				2017				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	
Train																					
Pedestrian																					
Animal																					
Pedal Cycle																					
Parked Vehicle															1	1					
CMV																					
Other Single Vehicle							2	2			3	1	4			1	1		1	1	
Other Multi-Vehicle			2	2			4	4				4	4		2	1	3		4	6	10
Total			2	2			6	6			3	5	8		2	3	5		4	7	11
Percent			5.4	5.4			16.2	16.2			8.1	13.5	21.6		5.4	8.1	13.5		10.8	18.9	29.7

Units By Unit Type

Unit Type	2018*				Total				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Pct
Train									
Pedestrian									
Animal									
Pedal Cycle									
Parked Vehicle							1	1	2.7
CMV									
Other Single Vehicle						3	5	8	21.6
Other Multi-Vehicle		3	2	5		9	19	28	75.7
Total		3	2	5		12	25	37	100
Percent		8.1	5.4	13.5		32.4	67.6	100	

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GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

Program Provided by:
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Vehicles By Vehicle Type

Vehicle Type	2013				2014				2015				2016				2017				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	
Passenger Vehicle-2 Door							2	2			1	1									
Passenger Vehicle-4 Door							1	1		1		1						2	1		3
Passenger Vehicle-Convertible											1	1									
Pickup Truck							1	1		1	2	3		1	1	2		1	4		5
Single-Unit Truck (2 axles)																					
Single-Unit Truck (3 or more axles)																					
School Bus																					
Truck/Trailer																					
Truck-Tractor (bobtail)																					
Truck-Tractor/Semi-Trailer																					
Truck-Tractor/Double																					
Truck-Tractor/Triple																					
Bus/Large Van (9-15 seats)																					
Bus (16+ seats)																					
Motorcycle										1		1									
Motor Scooter/Moped																					
Motor Home																					
Farm Machinery																					
ATV																					
Sport Utility Vehicle (SUV)											1	1			1	1				2	2
Passenger Van																					
Truck More Than 10,000 lbs.																					
Van (10,000 lbs. or less)																					
Other			2	2			2	2							2	2				1	1
Total			2	2			6	6		3	5	8		1	4	5			3	8	11
Percent			5.4	5.4			16.2	16.2		8.1	13.5	21.6		2.7	10.8	13.5			8.1	21.6	29.7

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Vehicles By Vehicle Type

Vehicle Type	2018*				Total				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Pct
Passenger Vehicle-2 Door							3	3	8.1
Passenger Vehicle-4 Door		1		1		4	2	6	16.2
Passenger Vehicle-Convertible							1	1	2.7
Pickup Truck		1	3	4		4	11	15	40.5
Single-Unit Truck (2 axles)									
Single-Unit Truck (3 or more axles)									
School Bus									
Truck/Trailer									
Truck-Tractor (bobtail)									
Truck-Tractor/Semi-Trailer									
Truck-Tractor/Double									
Truck-Tractor/Triple									
Bus/Large Van (9-15 seats)									
Bus (16+ seats)									
Motorcycle						1		1	2.7
Motor Scooter/Moped									
Motor Home									
Farm Machinery									
ATV									
Sport Utility Vehicle (SUV)							4	4	10.8
Passenger Van									
Truck More Than 10,000 lbs.									
Van (10,000 lbs. or less)									
Other							7	7	18.9
Total		2	3	5		9	28	37	100
Percent		5.4	8.1	13.5		24.3	75.7	100	

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Day And Time Of Occurrence Of Collisions

Day	Hour Of The Day																								Tot	Pcnt	
	AM												PM														
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
Sunday													1	1	2									2	6	27.3	
Monday																						1			1	2	9.1
Tuesday									1		1				1											3	13.6
Wednesday											1				1							1				3	13.6
Thursday																											
Friday	1							1						1												4	18.2
Saturday												1		1				1						1	4	18.2	
	Early Morning - Sunrise						Morning Peak			Mid Morning/Afternoon						PM Peak			Evening - Late Night						Tot		
Total	1						2			9						4			6						22		
Percent	4.5						9.1			40.9						18.2			27.3						100		

Roadway/Lighting

Roadway Conditions	Lighting Conditions					Total	Percent
	Daylight	Darkness	Twilight	Lighted	Unknown		
Dry	12	6	1	1		20	90.9
Wet (Water)				1		1	4.5
Ice, Snow, or Slush	1					1	4.5
Mud, Dirt, Gravel, or Sand							
Other							
Total	13	6	1	2		22	100
Percent	59.1	27.3	4.5	9.1		100	

Weather Conditions

Weather Conditions	Total	Percent
Clear	14	63.6
Clouds Present	6	27.3
Raining/Fog	1	4.5
Snowing/Sleet/Hail	1	4.5
Other		
Total	22	100



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Drivers By Driver Conditions

Unsafe/Unlawful	Apparently Normal			Alcohol Involved						Sleep Suspected			Drug Use Indicated			Unknown Condition			Total						
				Ability Impaired			Odor Detected																		
	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Total	Pcnt		
Failed to Yield																		1			1	1	2.8		
Failed to Stop		1																1		1	1	2	5.6		
Failed to Signal																									
Improper Turn																									
Improper Start																									
Improper Stop																									
Improper Backing																									
Improper Parking																									
Improper Passing																									
Improper Lane Change																									
Left of Center		2	1																	2	2	4	11.1		
Following Too Close																		1			1	1	2.8		
Unsafe Speed			3																		3	3	8.3		
DWI					2	2														2	2	4	11.1		
Inattention		2	1														1			3	1	4	11.1		
Negligent Driving																									
Defective Vehicle			1																		1	1	2.8		
Wrong Way																									
No Improper Action		4	10															1		4	11	15	41.7		
Other																					1	1	2.8		
Total		9	16		2	2											1			1	5	12	24	36	100
Percent		25.0	44.4		5.6	5.6											2.8			2.8	13.9	33.3	66.7	100	

Severities Indicate Highest Severity in Collision

Collisions By Special Feature

Special Feature	Total			
	Fat	Inj *	PD	Tot
Bridge		2	2	4
Work Zone				
Cross Median				
Train Collision				

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Collision Rate Analysis

GRDA SH 28 PENSACOLA DAM 2013-2018
 Time Period: 08-01-2013 to 07-31-2018 (1826 days)

RATE = No. of Collisions per 100 Million Vehicle Miles

Road Characteristics

Rate Type	Location Rates	Statewide Rates ** (2014 - 2016)	Critical Rates
Queried Collisions:	151.73	112.74	162.06
Fatal Collisions:	0.00	1.90	
Vis. Injury Collisions *:	20.69	19.98	
Vis. Injury + Fatal:	20.69	21.88	45.54

Roadway Length (miles):	02.99
Roadway Width (feet):	20 - 24
Avg. Daily Traffic (Veh/Day):	2656
Number of Lanes *:	TWO-LANES
Access Control *:	NONE
Urban Area Type *:	RURAL
Rural or Municipal *:	MUNICIPAL
Median Type *:	UNDIVIDED
Median Width (feet):	0

Collision History Summary (Number of Years = 5)

	# Collisions		# People
Involving Fatality:	0	Killed:	0
Vis. Injury *:	3	Vis. Injured *:	3
Poss. Injury:	4	Poss. Injured:	6
Property Damage Only:	15		
TOTAL:	22		

* Predominate value.

$$\text{RATE} = \frac{\text{NO. OF COLLISIONS}}{\text{EXPOSURE}}$$

$$\text{CRIT RATE} = \text{STATE RATE} + 1.645 \times \text{SQRT}\left(\frac{\text{STATE RATE}}{\text{EXPOSURE}}\right) + \left(\frac{0.5}{\text{EXPOSURE}}\right)$$

$$\text{EXPOSURE} = \frac{\text{ADT} \times \text{LENGTH} \times \text{NO. OF DAYS IN REPORT}}{100,000,000}$$

* Includes Incapacitating and Non-Incapacitating Injuries.

** Statewide rates are computed based on similar roadways pertaining to number of lanes, divided or undivided, rural or urban, and access control. Statewide rates cannot be compared to Queried Collisions unless the queried collisions include every collision type.



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Expected Collision Analysis

GRDA SH 28 PENSACOLA DAM 2013-2018

Time Period: 08-01-2013 to 07-31-2018

Number of Years in Query: 5.00

$$\text{Exp Target Colls} = \left(\frac{1 + (1/K) \text{ Target Colls}}{1 + (1/K) \text{ Pred Colls}} \right) \text{ Pred Colls}$$

Pred Colls = Collisions Predicted by Selected SPF

Target Colls = Collisions that Match Selected SPF

1/K = Overdispersion for Selected SPF

$$\text{Exp Crash Frequency} = \text{Exp Target Colls} / \text{Num Years}$$

$$\text{Exp Crash Density} = \text{Exp Crash Frequency} / \text{Length}$$

$$\text{Exp Crash Rate} = (\text{Exp Crash Density} * 100,000,000) / (\text{ADT} * 365)$$

$$\text{Exp Excess Crash Freq} = (\text{Exp Target Colls} - \text{Pred Colls}) / \text{Num Years}$$

$$\text{Typical Crash Freq} = \text{Pred Colls} / \text{Num Years}$$

$$\text{Exp/Typ Crash Ratio} = \text{Exp Target Colls} / \text{Pred Colls}$$

$$\text{Deviation Probability} = \text{Cumulative Value of Exp Target Colls in Distribution}$$

ANALYSIS PER SUBSECTION

CO	CS	Start	End	Length	ADT	Selected SPF	Queried Colls	Target Colls	Predicted Colls	Over dispersion	Exp Target Colls	Exp Crash Frequency	Exp Crash Density	Exp Crash Rate	Exp Excess Crash Freq	Typical Crash Freq	Exp/Typ Crash Ratio	Deviation Probability
21	28	00.00	00.50	0.50	1800	96: Tab 4 ODOT HWYs Rural 2017	3	1	0.41	0.28	0.47	0.09	0.19	28.37	0.01	0.08	1.15	0.67
				0.50	3600		3	1	0.41	0.28	0.47	0.09	0.19	14.19	0.01	0.08	1.15	0.67

CO	CS	Start	End	Length	ADT	Selected SPF	Queried Colls	Target Colls	Predicted Colls	Over dispersion	Exp Target Colls	Exp Crash Frequency	Exp Crash Density	Exp Crash Rate	Exp Excess Crash Freq	Typical Crash Freq	Exp/Typ Crash Ratio	Deviation Probability
49	16	14.10	14.19	0.09	5000	97: Tab 4 ODOT HWYs Urban 2-3L 2017	1	0	0.08	0.94	0.07	0.01	0.16	8.77	-0.00	0.02	0.93	0.60
49	16	14.19	14.29	0.10	2800	97: Tab 4 ODOT HWYs Urban 2-3L 2017	1	0	0.04	0.88	0.04	0.01	0.08	7.89	-0.00	0.01	0.96	0.61
49	16	14.29	15.16	0.87	2500	96: Tab 4 ODOT HWYs Rural 2017	5	1	0.56	0.32	0.63	0.13	0.14	15.77	0.01	0.11	1.12	0.65
49	16	15.16	15.55	0.39	2500	97: Tab 4 ODOT HWYs Urban 2-3L 2017	9	1	0.14	0.36	0.19	0.04	0.09	10.41	0.01	0.03	1.30	0.74
49	16	15.55	15.74	0.19	2600	97: Tab 4 ODOT HWYs Urban 2-3L 2017	0	0	0.12	0.58	0.11	0.02	0.12	12.21	-0.00	0.02	0.94	0.57
49	16	15.74	16.09	0.35	2600	97: Tab 4 ODOT HWYs Urban 2-3L 2017	1	0	0.22	0.39	0.20	0.04	0.11	12.02	-0.00	0.04	0.92	0.53
49	16	16.09	16.57	0.48	2600	97: Tab 4 ODOT HWYs Urban 2-3L 2017	2	0	0.30	0.32	0.27	0.05	0.11	11.92	-0.01	0.06	0.91	0.51
				2.47	8340		19	2	1.45	0.24	1.59	0.32	0.13	4.23	0.03	0.29	1.10	0.64

Total Expected Target Collisions: 2.18

Overall Expected Crash Rate: 5.34

Total Expected Excess Crash Frequency: 0.06

Total Expected Crash Frequency: 0.44

Total Typical Crash Frequency: 0.37



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Overall Expected Crash Density: 0.15

Overall Expected/Typical Crash Ratio: 1.17

Overall Deviation Probability: 0.70

USE RESTRICTED

23 USC 409



HIGHWAY SYSTEM COLLISION LISTING

GRDA SH 28 PENSACOLA DAM 2013-2018

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Cnty	City	CS #	Int. #	Mile Post	Location	Features	Int. Related	On Map	Dir. 1	Dir. 2	# Veh.	# Inj.*	# Fat.	Type of Collision	Unsafe Unlawful	Lighting Cond.	Roadway Cond.	Severity	Date	
(21) DELAWARE		(00)		HWY: SH-28					AT: NS 449											
21		28		00.20	NS 449		YES	Y	E	N	2			ANGLE-TURNING	L-CENTER	DYLGT	DRY	PDO	05-24-2015	
(21) DELAWARE		(00)		HWY: SH-28					AT: 00.10 after NS 449											
21		28		00.30			NO	Y	W	-	1			F-O TREE	UNSAF-SPD	DYLGT	ICE	PDO	02-04-2014	
(21) DELAWARE		(00)		HWY: SH-28					AT: 00.10 after BIGHAM ST.											
21		28		00.50			NO	Y	W	-	1	1		F-O UTIL-POLE	D-W-I	DARK	DRY	N-I INJ	04-18-2015	
(49) MAYES		(00)		HWY: SH-28																
49		16	12	14.23			NO	Y	W	W	2	2		REAR-END	F-STOP	DYLGT	DRY	P INJ	06-28-2017	
(49) MAYES		(20) LANGLEY		HWY: SH-82A					AT: SH-28											
49	20	38	12	00.36	SH-28		YES	Y			2			REAR-END	INATT	DYLGT	DRY	PDO	04-23-2017	
(49) MAYES		(00)		HWY: SH-28					AT: 00.14 after BEG 45 MPH											
49		16		14.45			NO	Y	E	W	2			SIDESWIPE-OPP	NO-IMP-ACT	DARK	DRY	PDO	08-20-2017	
(49) MAYES		(00)		HWY: SH-28					AT: 00.24 after BEG 45 MPH											
49		16		14.55			NO	Y	W	E	2			SIDESWIPE-OPP	NO-IMP-ACT	DARK	DRY	PDO	11-13-2015	
(49) MAYES		(00)		HWY: SH-28					AT: 00.12 before BR.											
49		16		14.93			NO	Y	E	W	2			SIDESWIPE-OPP	NO-IMP-ACT	DYLGT	DRY	PDO	06-06-2018	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: BR.											
49	15	16		15.05	BR.	BRIDGE	NO	Y	E	-	1	1		F-O BR-RAIL	INATT	DARK	DRY	P INJ	01-19-2015	
49	15	16		15.05	BR.	BRIDGE	NO	Y	E	E	2	1		REAR-END	INATT	DARK	DRY	N-I INJ	09-23-2017	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.10 after OFF RD. TRAIL											
49	15	16		15.33			NO	Y	W	E	2			HEAD-ON	L-CENTER	DYLGT	DRY	PDO	07-29-2014	
49	15	16		15.33			NO	Y	W	E	2	1		SIDESWIPE-OPP	L-CENTER	DYLGT	DRY	P INJ	10-21-2016	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.06 before BEACH DR.											
49	15	16		15.37			NO	Y	E	-	1			F-O BARR-CONCRETE	D-W-I	DARK	DRY	PDO	08-13-2014	
49	15	16		15.37			NO	Y	E	E	3	2		REAR-END	INATT	DYLGT	DRY	P INJ	03-31-2018	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.04 before BEACH DR.											
49	15	16		15.39			NO	Y	E	E	2			REAR-END	DEF-VEH	DYLGT	DRY	PDO	07-01-2017	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: BEACH DR.											
49	15	16		15.43	BEACH DR.		YES	Y	N	S	2			SIDESWIPE-OPP	UNSAF-SPD	DYLGT	DRY	PDO	08-19-2014	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.02 before CONSTRUCTION ST											
49	15	16		15.47			NO	Y	E	-	1	1		F-O GROUND	D-W-I	DARK	WET	N-I INJ	05-17-2015	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.01 before CONSTRUCTION ST											
49	15	16		15.48			NO	Y			2			OTHER	F-YIELD	DYLGT	DRY	PDO	09-01-2013	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: 00.01 after CONSTRUCTION ST											
49	15	16		15.50			NO	Y		-	2			OTHER		DYLGT	DRY	PDO	09-04-2016	
(49) MAYES		(15) DISNEY		HWY: SH-28, MAIN ST.					AT: GARRISON ST.											

* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



HIGHWAY SYSTEM COLLISION LISTING

GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 05/30/2019 by Jessica Avery

				HIGHWAY COLLISIONS		CITY STREET COLLISIONS		COUNTY ROAD COLLISIONS						TOTAL COLLISIONS					
Cnty	City	CS #	Int. #	Mile Post	Location	Features	Int. Related	On Map	Dir. 1	Dir. 2	# Veh.	# Inj.*	# Fat.	Type of Collision	Unsafe Unlawful	Lighting Cond.	Roadway Cond.	Severity	Date
49	15	16		15.76	GARRISON ST.		YES	Y	E	-	1			F-O TREE	UNSAF-SPD	DUSK	DRY	PDO	02-27-2015
(49) MAYES				(15) DISNEY		HWY: SH-28, WALL ST.				AT: UNMD BR.									
49	15	16		16.21	UNMD BR.	BRIDGE	NO	Y	E	-	1			F-O BR-RAIL	D-W-I	DYLGT	DRY	PDO	11-11-2016
49	15	16		16.21	UNMD BR.	BRIDGE	NO	Y	W	-	1			F-O BR-RAIL	OTHER	DARK	DRY	PDO	10-02-2017

23 USC 409

* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



STUDY CRITERIA

GRDA SH 28 PENSACOLA DAM 2013-2018

Date Range: 08-01-2013 Thru 07-31-2018

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ROADWAY / REGION

QUERY OVER		SELECTIONS
1	Control Section	County: 49, Control Section: 16, CS Type: hwy, CS Query On: range, Mile Start: 14.10, Mile End: 16.60
2	Control Section	County: 21, Control Section: 28, CS Type: hwy, CS Query On: range, Mile Start: 00.00, Mile End: 00.50

DATE

Date Range	08-01-2013 to 07-31-2018
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FILTER COLLISIONS

Roadway Type	All Collision Data
Incl. Crashes Assoc. w/ Every Int.	Checked
Environment Fields	

REPORT SECTIONS

Collision Map & Study Totals	(Included)
Collision Analysis Tables	(Included)
- Totals By City, Hwy Class	Checked
- Other Analysis Tables	Checked
Rate Analysis	(Included)
Collision Listing	(Included)
- Highway Collision Listing	Checked, By Control Section
Query Criteria	(Included)

REPORT FORMAT OPTIONS

Print Watermark	Checked
Print DPS Case Numbers	Unchecked