INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

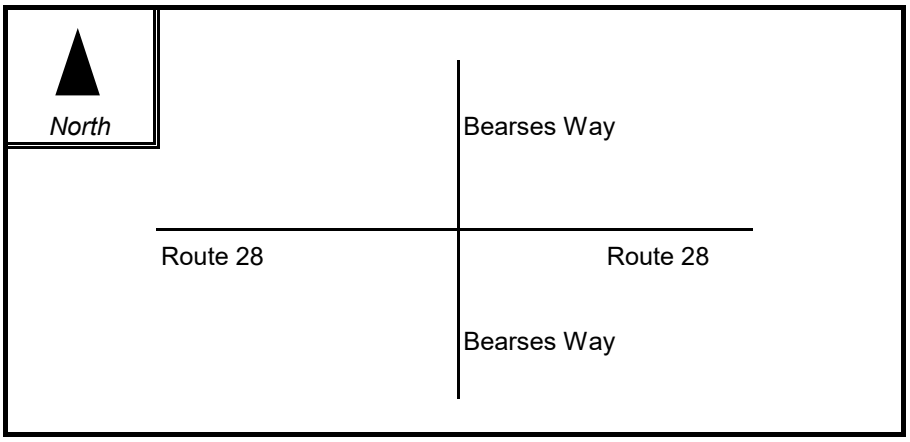
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Bearses Way

CRASH PERIOD: 2011 to 2013

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	708	709	735	766		**2,918**

" K " FACTOR : **0.080** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **36,475**

TOTAL # OF CRASHES : 74 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **24.67**

CRASH RATE CALCULATION : **1.85** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 8% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

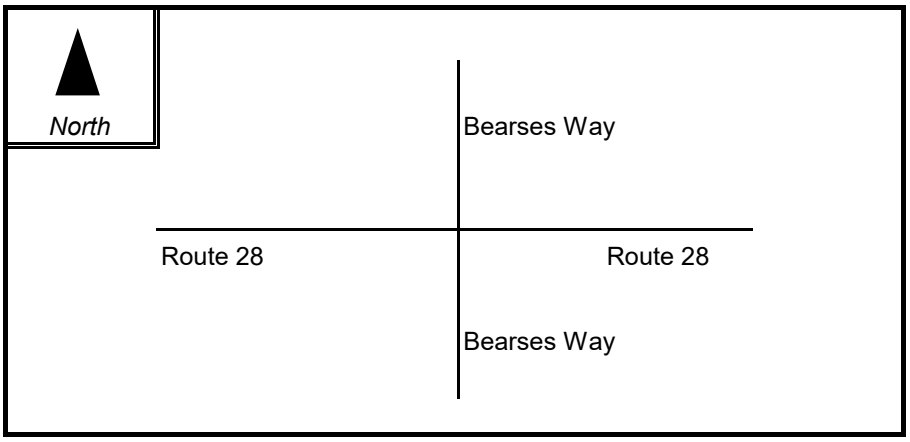
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MAJOR STREET : Route 28

MINOR STREET(S) : Bearses Way

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	708	709	735	766		**2,918**

" K " FACTOR : **0.080** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **36,475**

TOTAL # OF CRASHES : 66 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **22.00**

CRASH RATE CALCULATION : **1.65** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 8% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 08/04/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

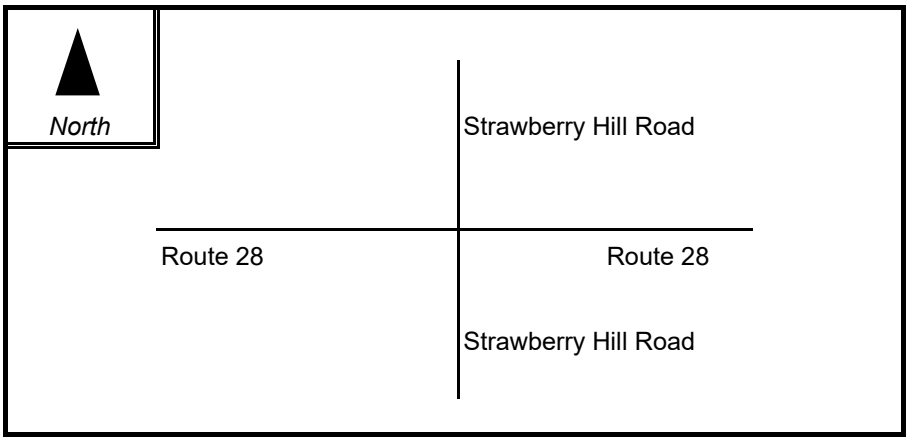
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Strawberry Hill Road

CRASH PERIOD: 2014 to 2016

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	266	293	804	599		1,962

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **19,620**

TOTAL # OF CRASHES : 22 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **7.33**

CRASH RATE CALCULATION : **1.02** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 08/04/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 08/04/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

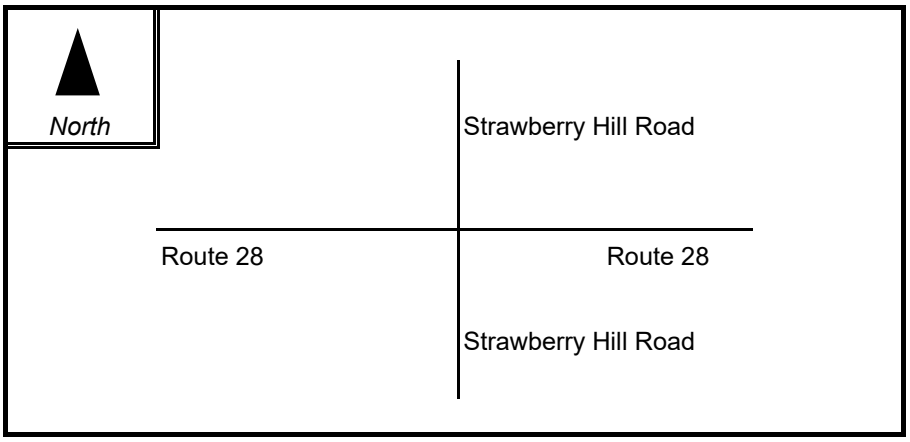
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MAJOR STREET : Route 28

MINOR STREET(S) : Strawberry Hill Road

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	266	293	804	599		1,962

" K " FACTOR : 0.100 INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : 19,620

TOTAL # OF CRASHES : 28 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : 9.33

CRASH RATE CALCULATION : 1.30 RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 08/04/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

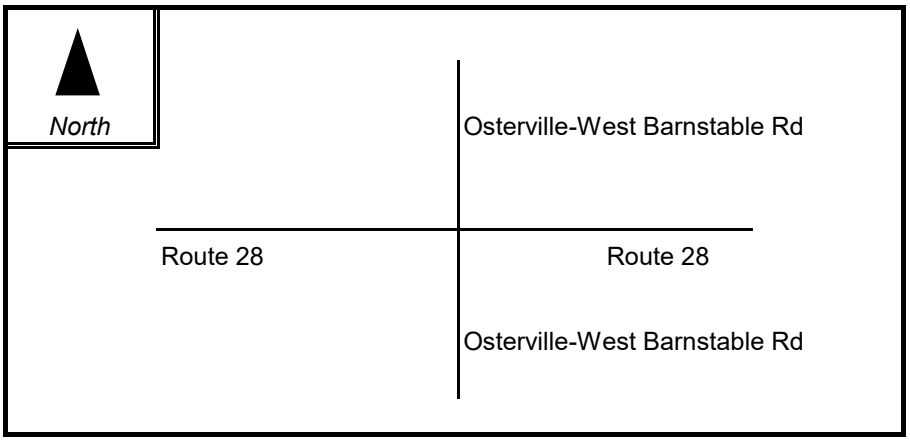
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Osterville-West Barnstable Rd

CRASH PERIOD: 2015 to 2017

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	675	754	331	251		2,011

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **20,110**

TOTAL # OF CRASHES : 40 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **13.33**

CRASH RATE CALCULATION : **1.82** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Barnstable COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

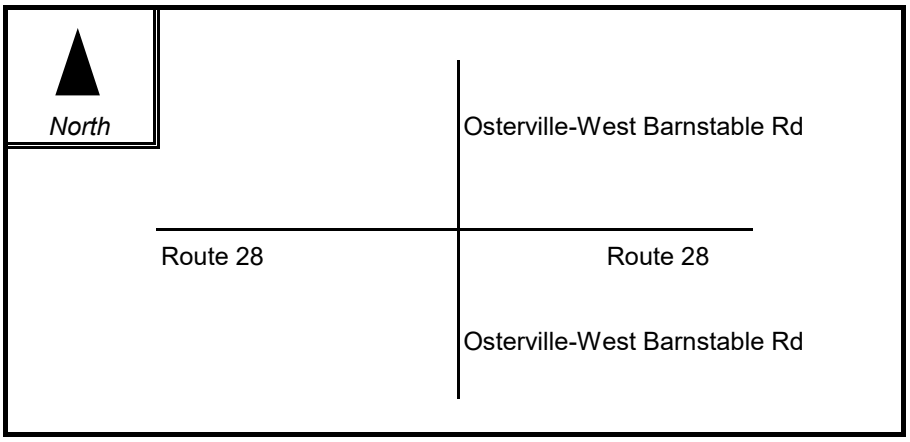
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MAJOR STREET : Route 28

MINOR STREET(S) : Osterville-West Barnstable Rd

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	675	754	331	251		**2,011**

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **20,110**

TOTAL # OF CRASHES : 16 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **5.33**

CRASH RATE CALCULATION : **0.73** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/22/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

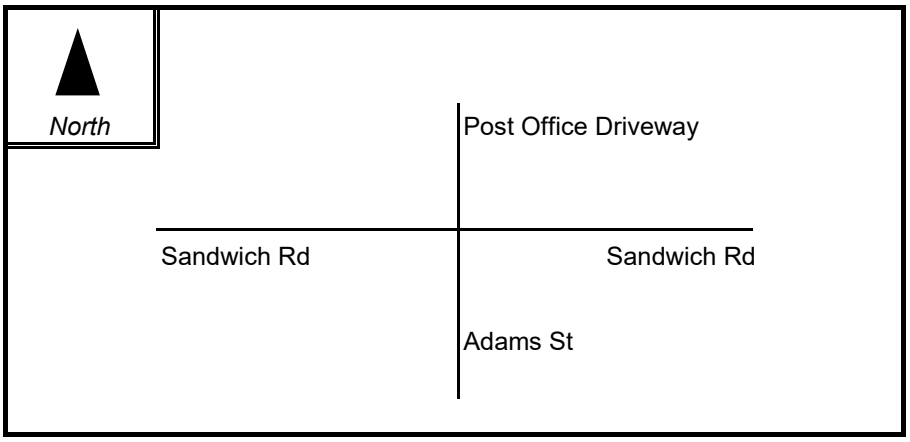
~ INTERSECTION DATA ~

MAJOR STREET : Sandwich Road

MINOR STREET(S) : Adams St

CRASH PERIOD: 2013 to 2015

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	0	24	784	810		1,618

" K " FACTOR : **0.090** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **17,978**

TOTAL # OF CRASHES : 25 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **8.33**

CRASH RATE CALCULATION : **1.27** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC conducted TMC on 07/22/2026, K Factor of 9% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/22/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

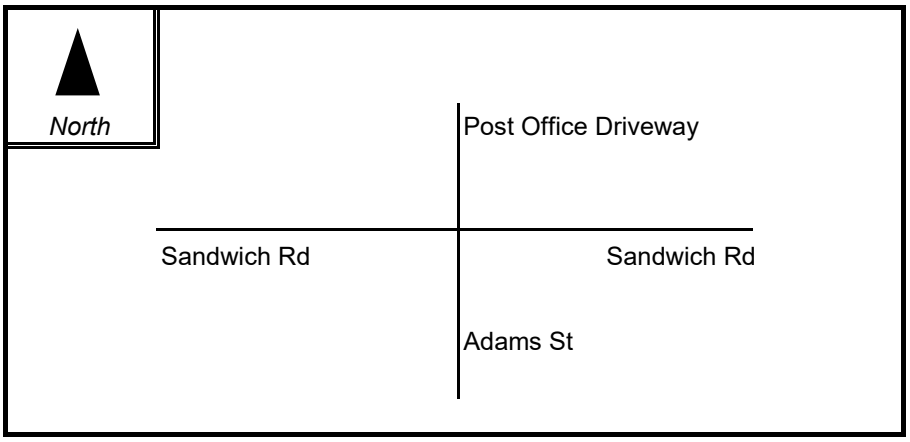
~ INTERSECTION DATA ~

MAJOR STREET : Sandwich Road

MINOR STREET(S) : Adams St

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	0	24	784	810		1,618

" K " FACTOR : **0.090** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **17,978**

TOTAL # OF CRASHES : 5 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.67**

CRASH RATE CALCULATION : **0.25** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC conducted TMC on 07/22/2026, K Factor of 9% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/21/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

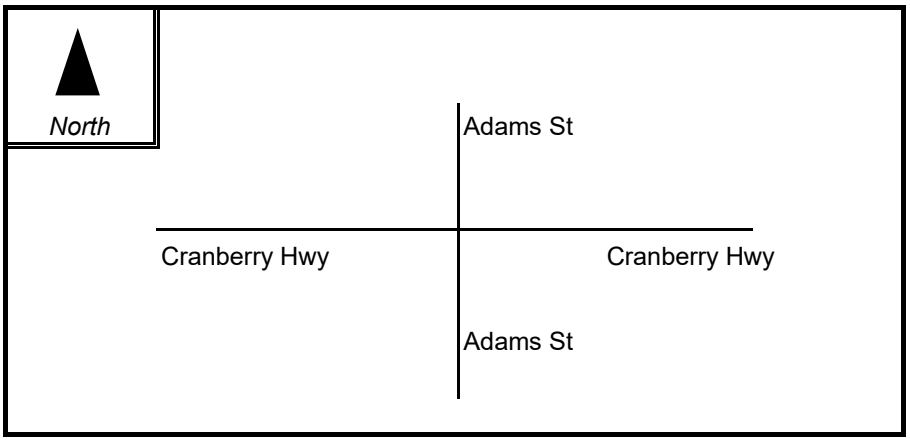
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MAJOR STREET : Cranberry Hwy

MINOR STREET(S) : Adams St

CRASH PERIOD: 2013 to 2015

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	4	390	382	252		**1,028**

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **10,280**

TOTAL # OF CRASHES : 4 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.33**

CRASH RATE CALCULATION : **0.36** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC conducted TMC on 07/21/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/21/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

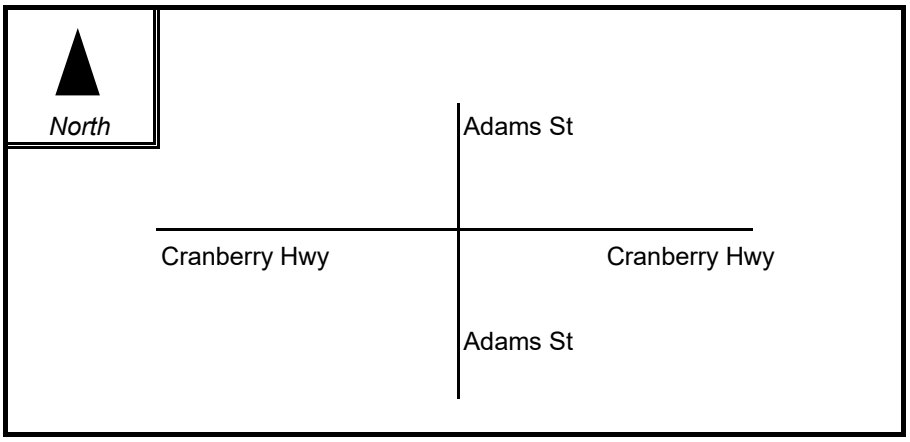
~ INTERSECTION DATA ~

MAJOR STREET : Cranberry Hwy

MINOR STREET(S) : Adams St

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	4	390	382	252		**1,028**

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **10,280**

TOTAL # OF CRASHES : 4 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.33**

CRASH RATE CALCULATION : **0.36** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC conducted TMC on 07/21/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

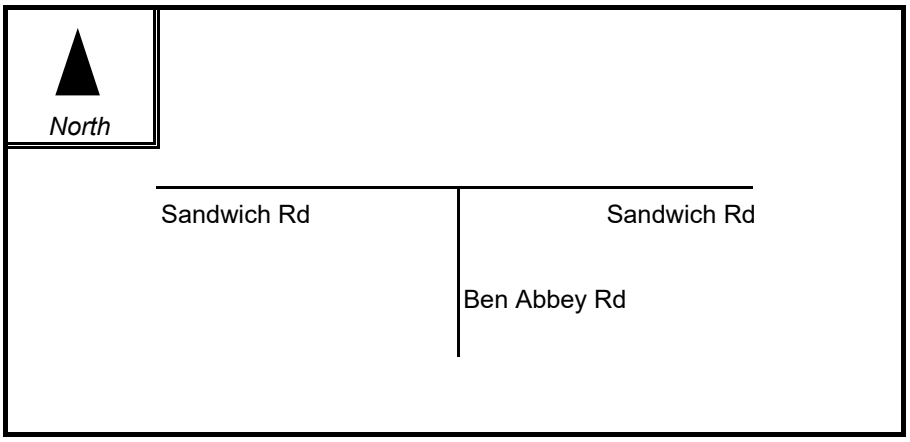
~ INTERSECTION DATA ~

MAJOR STREET : Sandwich Road

MINOR STREET(S) : Ben Abbey Road

CRASH PERIOD: 2013 to 2015

INTERSECTION DIAGRAM (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	232		510	460		**1,202**

" K " FACTOR : **0.090** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **13,356**

TOTAL # OF CRASHES : 2 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **0.67**

CRASH RATE CALCULATION : **0.14** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 9% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

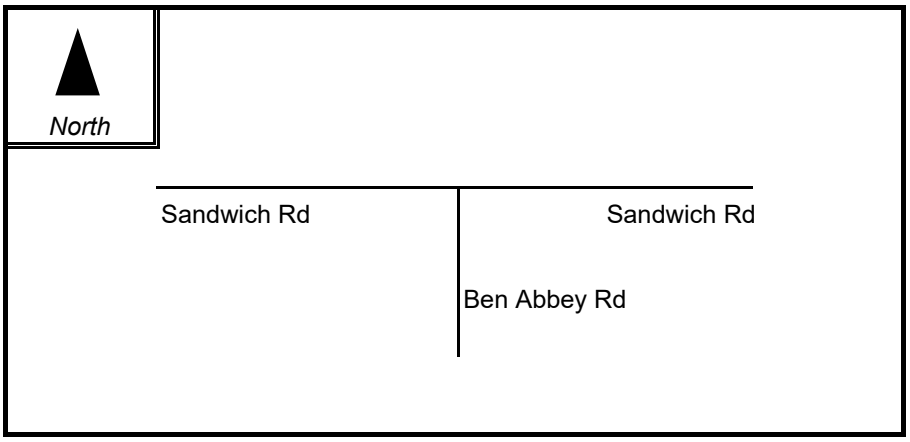
~ INTERSECTION DATA ~

MAJOR STREET : Sandwich Road

MINOR STREET(S) : Ben Abbey Road

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	232		510	460		**1,202**

" K " FACTOR : **0.090** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **13,356**

TOTAL # OF CRASHES : 4 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.33**

CRASH RATE CALCULATION : **0.27** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 9% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/23/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

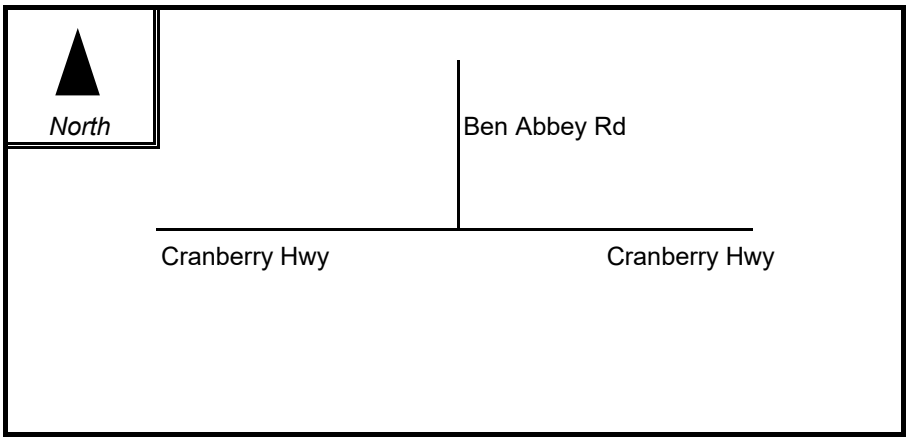
~ INTERSECTION DATA ~

MAJOR STREET : Cranberry Hwy

MINOR STREET(S) : Ben Abbey Road

CRASH PERIOD: 2013 to 2015

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	0	28	327	582		**937**

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **9,370**

TOTAL # OF CRASHES : 0 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **0.00**

CRASH RATE CALCULATION : **0.00** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 07/23/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Bourne COUNT DATE : 07/23/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

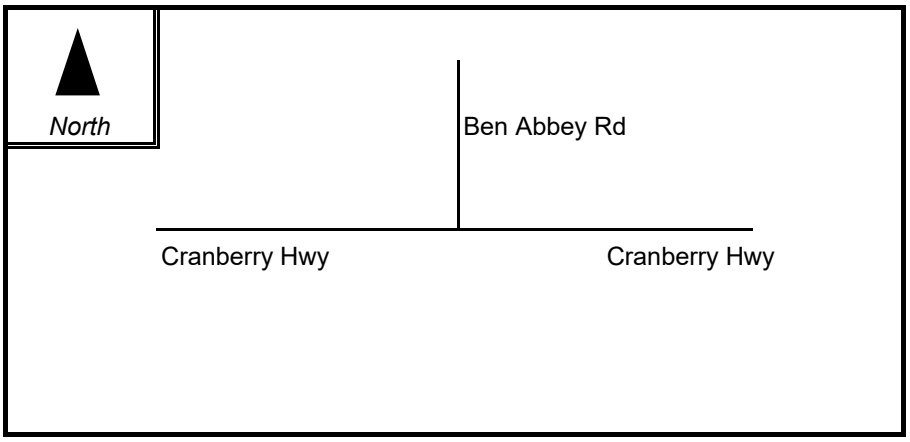
~ INTERSECTION DATA ~

MAJOR STREET : Cranberry Hwy

MINOR STREET(S) : Ben Abbey Road

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	0	28	327	582		**937**

" K " FACTOR : **0.100** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **9,370**

TOTAL # OF CRASHES : 2 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **0.67**

CRASH RATE CALCULATION : **0.19** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 07/23/2026, K Factor of 10% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Chatham COUNT DATE : 07/29/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

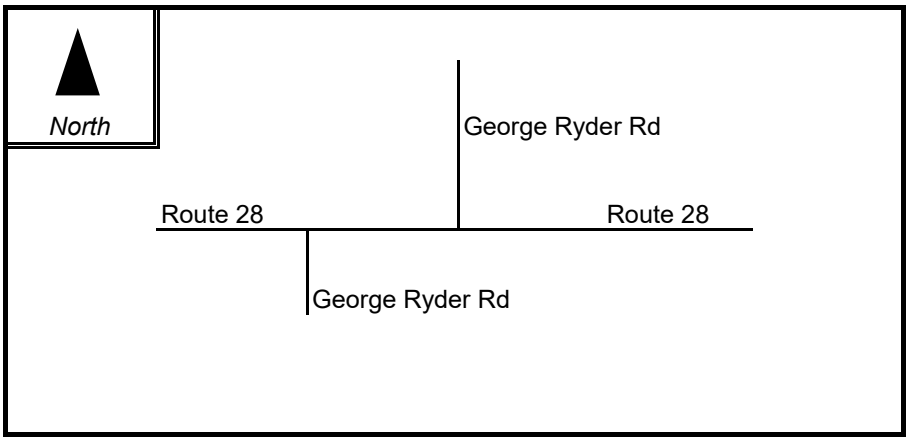
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : George Ryder Rd

CRASH PERIOD: 2015 to 2017

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	11	135	670	502		**1,318**

" K " FACTOR : **0.074** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **17,811**

TOTAL # OF CRASHES : 6 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **2.00**

CRASH RATE CALCULATION : **0.31** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 07/29/2026, K Factor of 7.4% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Chatham COUNT DATE : 07/29/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

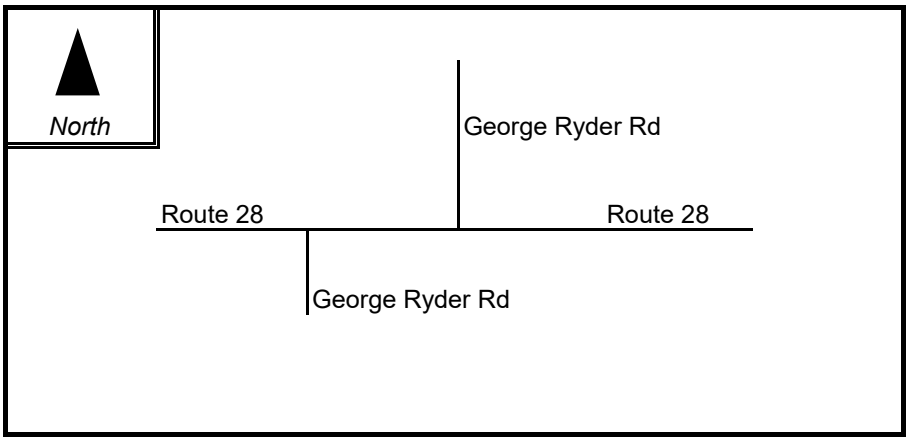
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : George Ryder Rd

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	11	135	670	502		1,318

" K " FACTOR : **0.074** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **17,811**

TOTAL # OF CRASHES : 5 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.67**

CRASH RATE CALCULATION : **0.26** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 07/29/2026, K Factor of 7.4% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Chatham COUNT DATE : 07/29/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

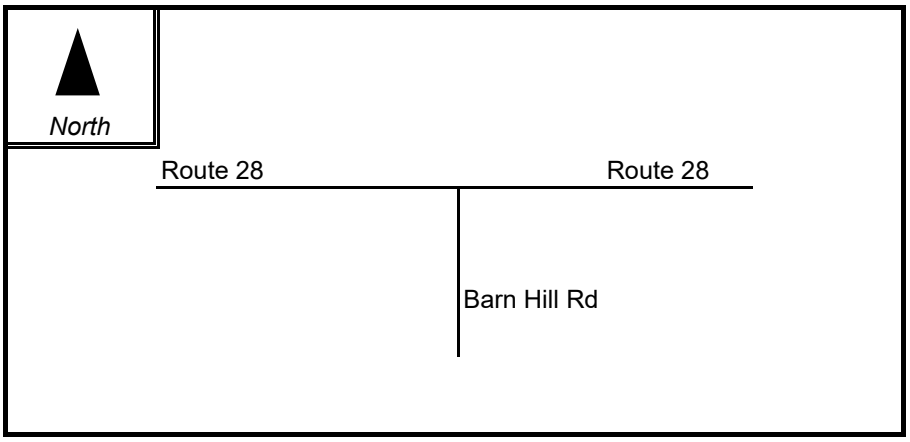
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Barn Hill

CRASH PERIOD: 2015 to 2017

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	85	0	603	539		**1,227**

" K " FACTOR : **0.074** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **16,581**

TOTAL # OF CRASHES : 5 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **1.67**

CRASH RATE CALCULATION : **0.28** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC TMC conducted on 07/29/2026, K Factor of 7.4% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Chatham COUNT DATE : 07/29/2026

DISTRICT : 5 UNSIGNALIZED : X SIGNALIZED :

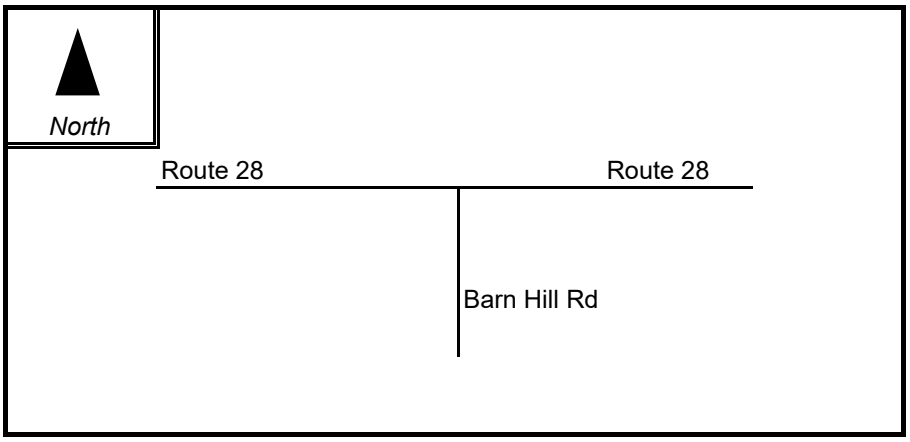
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Barn Hill

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	85	0	603	539		1,227

" K " FACTOR : **0.074**

INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **16,581**

TOTAL # OF CRASHES : 1

OF YEARS : 3

AVERAGE # OF CRASHES PER YEAR (**A**) : **0.33**

CRASH RATE CALCULATION : **0.06**

$$\text{RATE} = \frac{(A * 1{,}000{,}000)}{(V * 365)}$$

Comments : Volume data collected via CCC TMC conducted on 07/29/2026, K Factor of 7.4% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Orleans COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

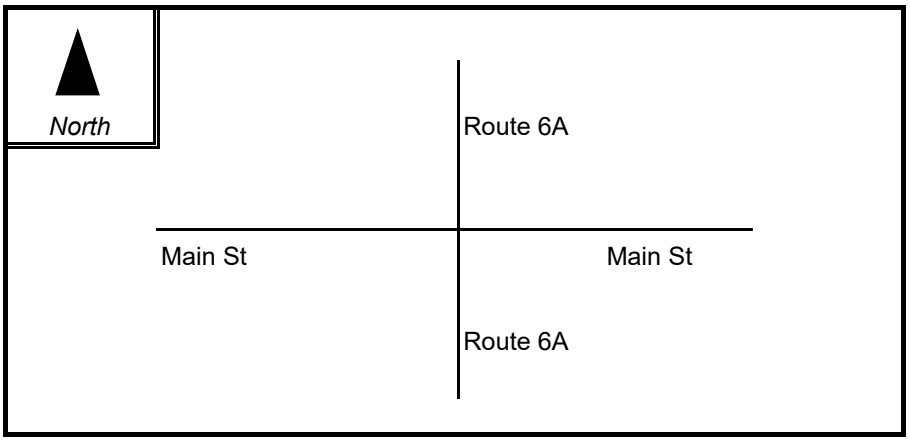
~ INTERSECTION DATA ~

MAJOR STREET : Route 6A

MINOR STREET(S) : Main St (Orleans)

CRASH PERIOD: 2012 to 2014

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	369	320	412	425		**1,526**

" K " FACTOR : **0.110** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **13,873**

TOTAL # OF CRASHES : 10 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **3.33**

CRASH RATE CALCULATION : **0.66** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 11% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Orleans COUNT DATE : 07/15/2026

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

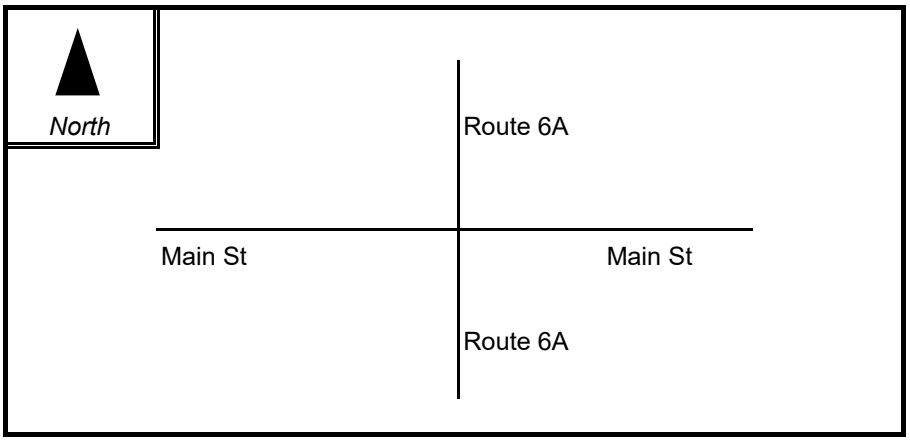
~ INTERSECTION DATA ~

MAJOR STREET : Route 6A

MINOR STREET(S) : Main St (Orleans)

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	369	320	412	425		**1,526**

" K " FACTOR : **0.110** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **13,873**

TOTAL # OF CRASHES : 8 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **2.67**

CRASH RATE CALCULATION : **0.53** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via MS2 Permanent Counter on 07/15/2026, K Factor of 11% used

Project Title & Date: 2026 Before & After Study

SEGMENT CRASH RATE WORKSHEET

CITY/TOWN : Truro

COUNT DATE : 07/17/2017 to 07/20/2017

DISTRICT : 5

CRASH PERIOD: 2015 to 2017

~ SEGMENT DATA ~

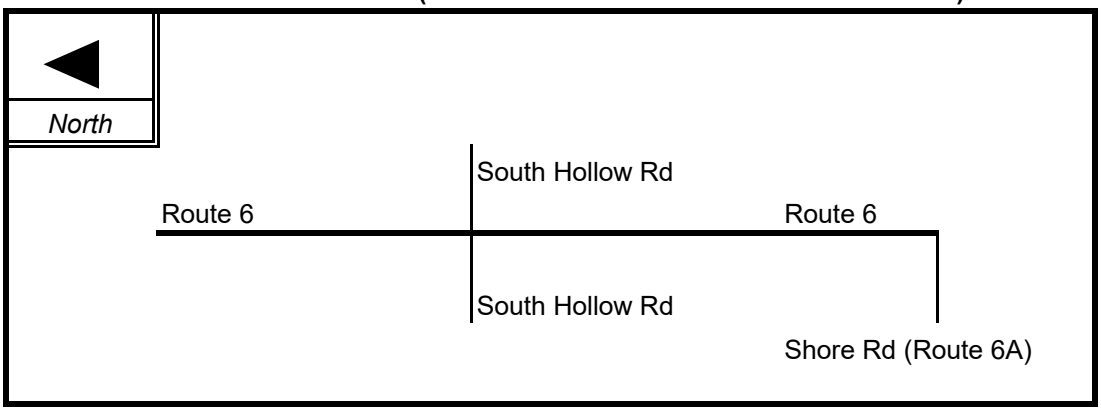
Roadway Name: Route 6 - Between Mile Marker 109.6 to 109.8 (Route 6 at South Hollow)

Start Point: Mile Marker 109.6

End Point: Mile Marker 109.8

Functional Classification: Principal Arterial - Other

ROADWAY DIAGRAM (LABEL ROADWAY AND CROSS STREETS)



AVERAGE DAILY TRAFFIC

SEGMENT LENGTH IN MILES (**L**):	**0.2**
AVERAGE DAILY TRAFFIC VOLUME (**V**):	**18,445**

TOTAL # OF CRASHES :	7	# OF YEARS :	3	AVERAGE # OF CRASHES PER YEAR (**A**) :	**2.33**

CRASH RATE CALCULATION : **1.73**

$$\text{RATE} = \frac{(A * 1{,}000{,}000)}{(L * V * 365)}$$

Comments : Volume data collected via CCC ATR from 07/17/2017 to 07/20/2017

Project Title & Date: 2026 Before & After Study

SEGMENT CRASH RATE WORKSHEET

CITY/TOWN : Truro

COUNT DATE : 07/17/2017 to 07/20/2017

DISTRICT : 5

CRASH PERIOD: 2022 to 2024

~ SEGMENT DATA ~

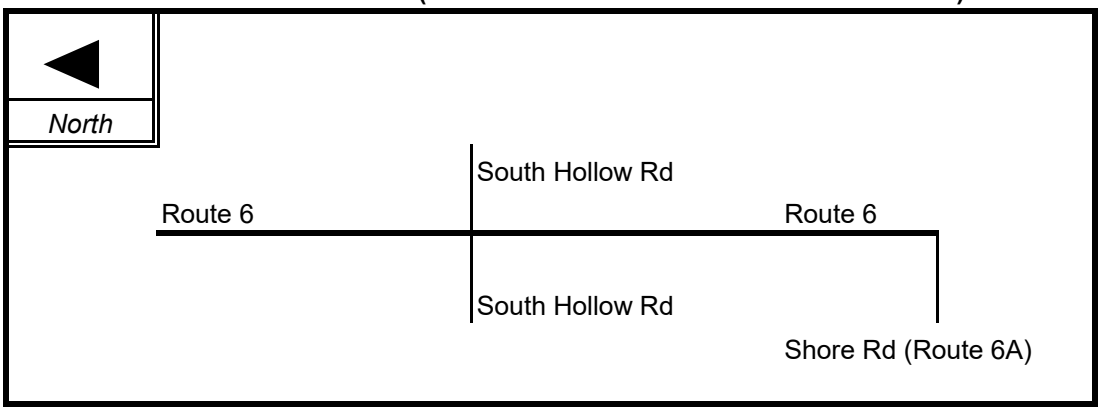
Roadway Name: Route 6 - Between Mile Marker 109.6 to 109.8 (Route 6 at South Hollow)

Start Point: Mile Marker 109.6

End Point: Mile Marker 109.8

Functional Classification: Principal Arterial - Other

ROADWAY DIAGRAM (LABEL ROADWAY AND CROSS STREETS)



AVERAGE DAILY TRAFFIC

SEGMENT LENGTH IN MILES (**L**):	**0.2**
AVERAGE DAILY TRAFFIC VOLUME (**V**):	**18,445**

TOTAL # OF CRASHES :	3	# OF YEARS :	3	AVERAGE # OF CRASHES PER YEAR (**A**) :	**1.00**

CRASH RATE CALCULATION : **0.74**

$$\text{RATE} = \frac{(A * 1{,}000{,}000)}{(L * V * 365)}$$

Comments : Volume data collected via CCC ATR from 07/17/2017 to 07/20/2017

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Falmouth COUNT DATE : 06/11/2019

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

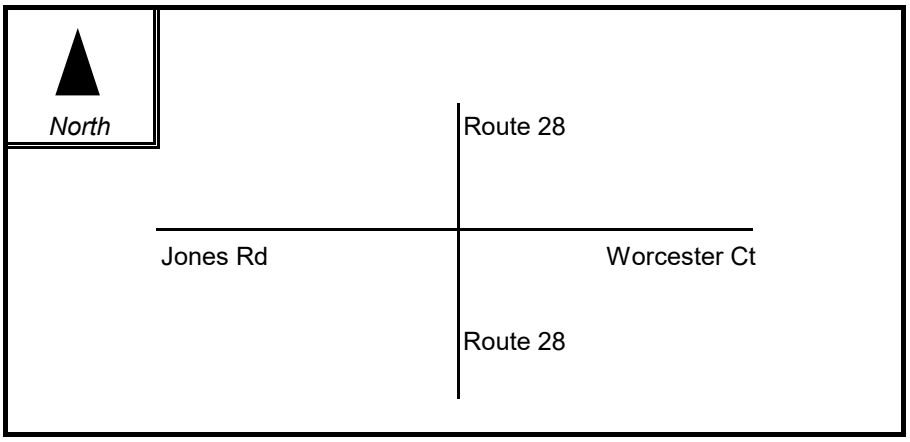
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Jones Rd & Worcester Ct

CRASH PERIOD: 2017 to 2019

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	592	680	379	417		2,068

" K " FACTOR : 0.078 INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : 26,513

TOTAL # OF CRASHES : 38 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : 12.67

CRASH RATE CALCULATION : 1.31 RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC Conducted TMC on 06/11/2019, K Factor of 7.8% used

Project Title & Date: 2026 Before & After Study

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Falmouth COUNT DATE : 06/11/2019

DISTRICT : 5 UNSIGNALIZED : SIGNALIZED : X

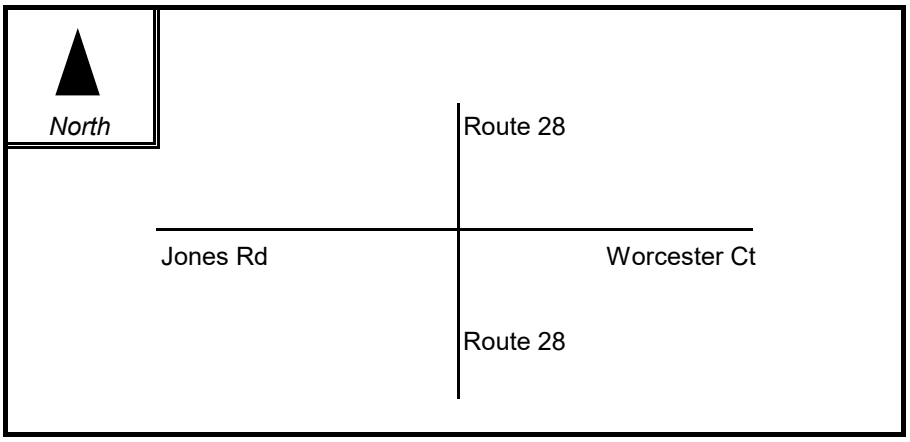
~ INTERSECTION DATA ~

MAJOR STREET : Route 28

MINOR STREET(S) : Jones Rd & Worcester Ct

CRASH PERIOD: 2022 to 2024

INTERSECTION DIAGRAM
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	WB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	592	680	379	417		**2,068**

" K " FACTOR : **0.078** INTERSECTION ADT (**V**) = TOTAL DAILY APPROACH VOLUME : **26,513**

TOTAL # OF CRASHES : 29 # OF YEARS : 3 AVERAGE # OF CRASHES PER YEAR (**A**) : **9.67**

CRASH RATE CALCULATION : **1.00** RATE = $\frac{(A * 1{,}000{,}000)}{(V * 365)}$

Comments : Volume data collected via CCC Conducted TMC on 06/11/2019, K Factor of 7.8% used

Project Title & Date: 2026 Before & After Study