



POINSETTIA ROAD TRAFFIC OBSERVATIONS

OCTOBER 20, 2020 TOWN OF BELLEAIR COMMISSION DISCUSSION

PRESENTATION FLOW

- Process overview
- Process limitations
- Traffic data
- Findings
- Next steps

PROCESS OVERVIEW

- The Town of Belleair has a limited set of data on traffic volume along the 600 block of Poinsettia Road
- This data ranges from December, 2018 to August, 2020
 - *The Poinsettia Road entrance closed on September 4, 2019*
- The data includes 37 nonconsecutive days of data taken at random intervals over the past two years

PROCESS LIMITATIONS

- The following data is NOT a statistically valid traffic engineering study and should be used for **informational purposes only**
- There is a very limited amount of data available for traffic before the closure of Poinsettia Road (only 5 days of data)
- This data does NOT take into account if vehicles counted were travelling only within Belleair or were cut-through traffic
- This study does NOT take into account any changes to traffic on alternate entrances, exits, and roads in Belleair
- The 2020 data may be lower than typical patterns due to the impacts of COVID-19

An aerial satellite view of a residential neighborhood. A semi-transparent white box with rounded corners is centered over the image, containing the text "TRAFFIC DATA" in a large, bold, black, sans-serif font. The background shows a grid of streets including Pelican Pl, Poinsettia Rd, Belleair Forest Dr, Pincellas Trail, 13th Ave NW, 11th Ave NW, 10th St NW, and Rosery Rd NW. A large building complex is visible on the left side of the image. The Google logo is visible at the bottom center of the satellite image.

TRAFFIC DATA

TRAFFIC COUNTS FOR CLOSURE OF POINSETTIA ROAD

POINSETTIA ROAD CLOSED SEPTEMBER 4, 2019

LAST UPDATED 9.17.20 | 11:48 AM

Date (ID)	Eastbound and Westbound Count (Y)	Westbound Count	Eastbound Count	Closure Status (0=closed; 1=open)	Q1 (Jan-March) (0=no; 1=yes)	Q2 (April-June) (0=no; 1=yes)	Q3 (July-Sept) (0=no; 1=yes)	Q4 (Oct-Dec) (0=no; 1=yes)	Sunday (0=no; 1=yes)	Monday (0=no; 1=yes)	Tuesday (0=no; 1=yes)	Wednesday (0=no; 1=yes)	Thursday (0=no; 1=yes)	Friday (0=no; 1=yes)	Saturday (0=no; 1=yes)	Weekend (0=no; 1=yes)
Saturday, December 8, 2018	2286	1009	1277	1	0	0	0	1	0	0	0	0	0	0	1	1
Sunday, December 9, 2018	1897	890	1007	1	0	0	0	1	0	1	0	0	0	0	0	0
Friday, June 7, 2019	2480	1079	1401	1	0	1	0	0	0	0	0	0	0	1	0	0
Saturday, June 8, 2019	2093	1008	1085	1	0	1	0	0	0	0	0	0	0	0	1	1
Sunday, June 9, 2019	1747	848	899	1	0	0	1	0	1	0	0	0	0	0	0	1
Friday, September 13, 2019	887	492	395	0	0	0	1	0	0	0	0	0	0	1	0	0
Saturday, September 14, 2019	610	325	285	0	0	0	1	0	0	0	0	0	0	0	1	1
Sunday, September 15, 2019	512	271	241	0	0	0	1	0	1	0	0	0	0	0	0	1
Wednesday, October 23, 2019	980	567	413	0	0	0	0	1	0	0	0	1	0	0	0	0
Thursday, October 24, 2019	985	582	403	0	0	0	0	1	0	0	0	0	1	0	0	0
Friday, October 25, 2019	909	546	363	0	0	0	0	1	0	0	0	0	0	1	0	0
Wednesday, November 6, 2019	785	358	427	0	0	0	0	1	0	0	0	1	0	0	0	0
Tuesday, December 3, 2019	663	324	339	0	0	0	0	1	0	0	1	0	0	0	0	0
Wednesday, December 4, 2019	758	367	391	0	0	0	0	1	0	0	0	1	0	0	0	0
Thursday, December 5, 2019	707	341	366	0	0	0	0	1	0	0	0	0	1	0	0	0
Friday, December 6, 2019	746	363	383	0	0	0	0	1	0	0	0	0	0	1	0	0
Saturday, December 7, 2019	583	286	297	0	0	0	0	1	0	0	0	0	0	0	1	1
Sunday, December 8, 2019	484	246	238	0	0	0	0	1	1	0	0	0	0	0	0	1
Saturday, January 11, 2020	568	280	288	0	1	0	0	0	0	0	0	0	0	0	1	1
Sunday, January 12, 2020	618	313	305	0	1	0	0	0	1	0	0	0	0	0	0	1
Monday, January 13, 2020	650	337	313	0	1	0	0	0	0	1	0	0	0	0	0	0
Tuesday, January 14, 2020	786	421	365	0	1	0	0	0	0	0	1	0	0	0	0	0
Wednesday, January 15, 2020	785	394	391	0	1	0	0	0	0	0	0	1	0	0	0	0
Thursday, March 19, 2020	670	360	310	0	1	0	0	0	0	0	0	0	1	0	0	0
Friday, March 20, 2020	717	376	341	0	1	0	0	0	0	0	0	0	0	1	0	0
Saturday, March 21, 2020	487	262	225	0	1	0	0	0	0	0	0	0	0	0	1	1
Sunday, March 22, 2020	464	236	228	0	1	0	0	0	1	0	0	0	0	0	0	1
Monday, March 23, 2020	660	342	318	0	1	0	0	0	0	1	0	0	0	0	0	0
Tuesday, March 24, 2020	840	485	355	0	1	0	0	0	0	0	1	0	0	0	0	0
Friday, May 8, 2020	605	312	293	0	0	1	0	0	0	0	0	0	0	1	0	0
Saturday, May 9, 2020	521	247	274	0	0	1	0	0	0	0	0	0	0	0	1	1
Sunday, May 10, 2020	468	222	246	0	0	1	0	0	1	0	0	0	0	0	0	1
Monday, May 11, 2020	546	254	292	0	0	1	0	0	0	1	0	0	0	0	0	0
Tuesday, May 12, 2020	652	316	336	0	0	1	0	0	0	0	1	0	0	0	0	0
Friday, August 7, 2020	610	313	297	0	0	0	1	0	0	0	0	0	0	1	0	0
Saturday, August 8, 2020	546	272	274	0	0	0	1	0	0	0	0	0	0	0	1	1
Sunday, August 9, 2020	445	214	231	0	0	0	1	0	1	0	0	0	0	0	0	1

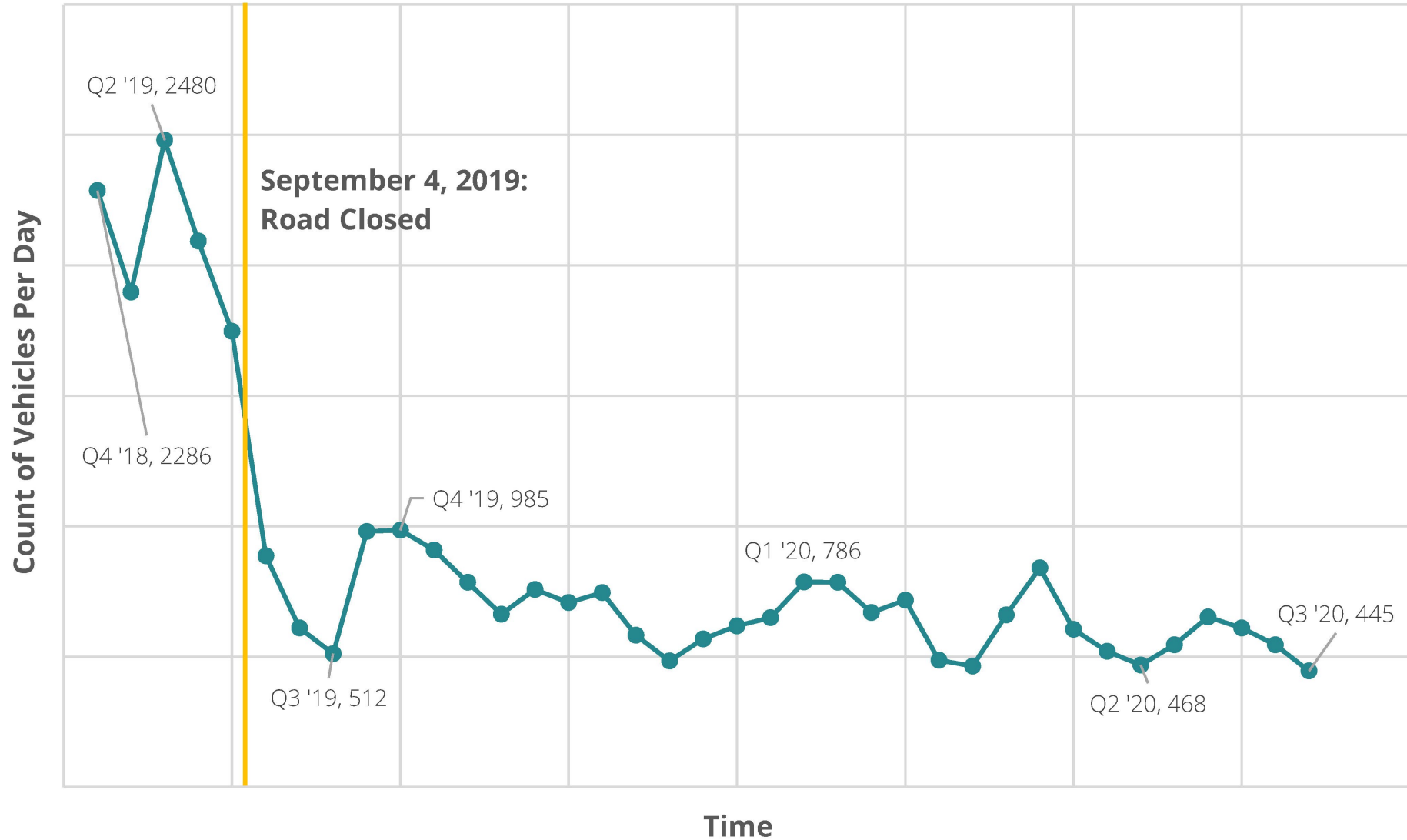
TOTAL **5** **11** **7** **7** **12** **7** **4** **4** **4** **3** **7** **8** **15**

AVERAGE BEFORE CLOSURE 2101 967 1134
 AVERAGE AFTER CLOSURE 664 345 319
AVERAGE DIFFERENCE 1437 622 814

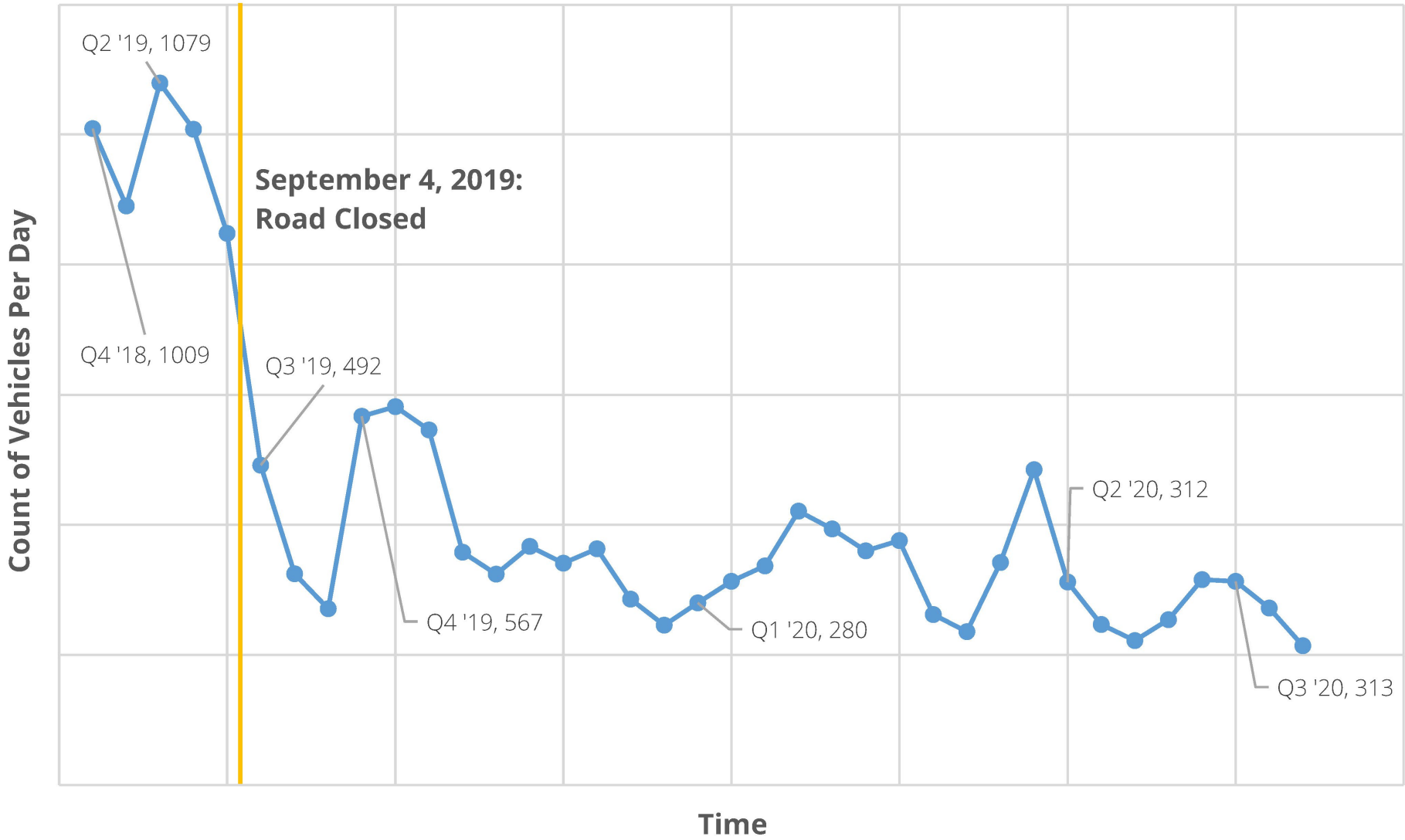
PERCENT CHANGE AFTER CLOSURE -68% -64% -72%

AVERAGE DIFFERENCE BETWEEN EAST AND WESTBOUND 167 25
 MORE CARS/DAY EASTBOUND BEFORE CLOSURE
 MORE CARS/DAY WESTBOUND AFTER CLOSURE

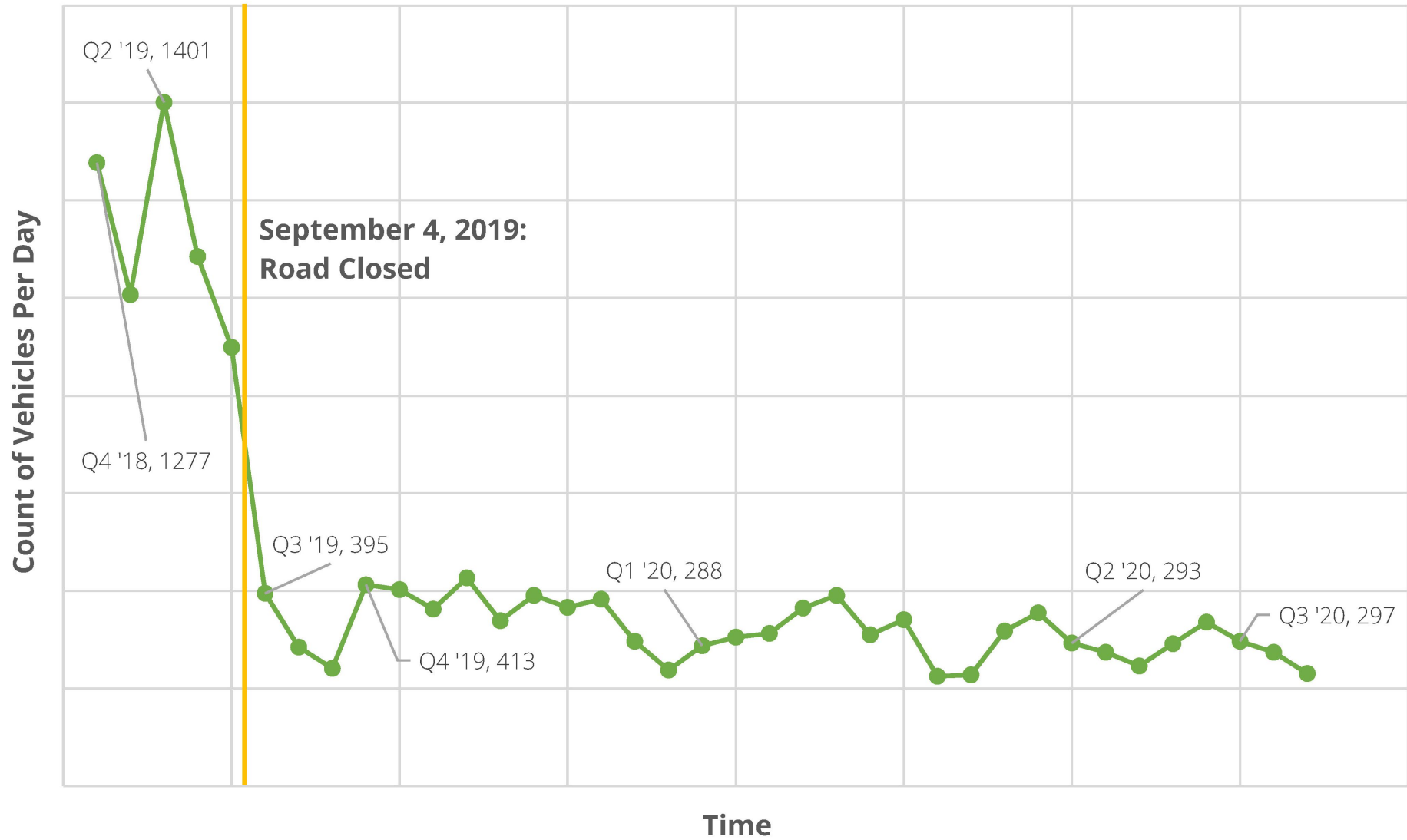
Poinsettia Road Traffic Count (Both Directions)



Poinsettia Road Traffic Count (Westbound Direction)



Poinsettia Road Traffic Count (Eastbound Direction)



FINDINGS

- **When the intersection is open, average traffic per day increases by approximately 1500 vehicles**
- Traffic tends to decrease by approximately 300 vehicles per day on weekends
- Traffic tends to decrease by approximately 200 vehicles per day on Mondays
- There tends to be more traffic between October and March due to “snowbird season”

An aerial satellite view of a residential neighborhood. The image shows a grid of streets including Pelican Pl, Poinsettia Rd, Belleair Forest Dr, Pincellas Trail, 13th Ave NW, 11th Ave NW, 10th St NW, and Rosery Rd NW. A semi-transparent white box with rounded corners is centered over the image, containing the text "NEXT STEPS" in a large, bold, black sans-serif font. The word "Google" is visible in the bottom left corner of the satellite image.

NEXT STEPS

NO DECISION TONIGHT

- Tonight, we want to hear your feedback but **the Commission will NOT be making any voting decision on the topic**
- Keep in mind there may be creative solutions that are not simply option A or option B
- Also keep in mind that official studies from traffic engineers, Largo Fire Rescue, and other parties would be necessary to consider any changes to the intersection