



KYLE
POLICE

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Date: October 28, 2022
To: Chief Jeff Barnett
From: Sgt. T. Vrana
Re: Traffic Speed Survey: Conestoga Dr.

A traffic speed survey was conducted using a pole-mounted speed radar on Conestoga Dr. at Six Shooter Dr. for approximately seven days in each direction. Westbound traffic direction was surveyed from 10/13/2022 to 10/20/2022, and eastbound traffic direction was surveyed from 10/21/2022 to 10/28/2022. The speed counter was programmed to "stealth mode" to reduce the possibility of skewed data created from motorists' reaction to observing the counter.

Conestoga Dr. is a residential roadway, maintains a posted speed limit of 30 miles per hour and is a two-lane roadway with no improved shoulders, center median, or lane markings. Traffic movement on Conestoga Dr. is regulated by properly erected speed limit signs and stop signs. There are no electronic traffic control devices on this roadway.

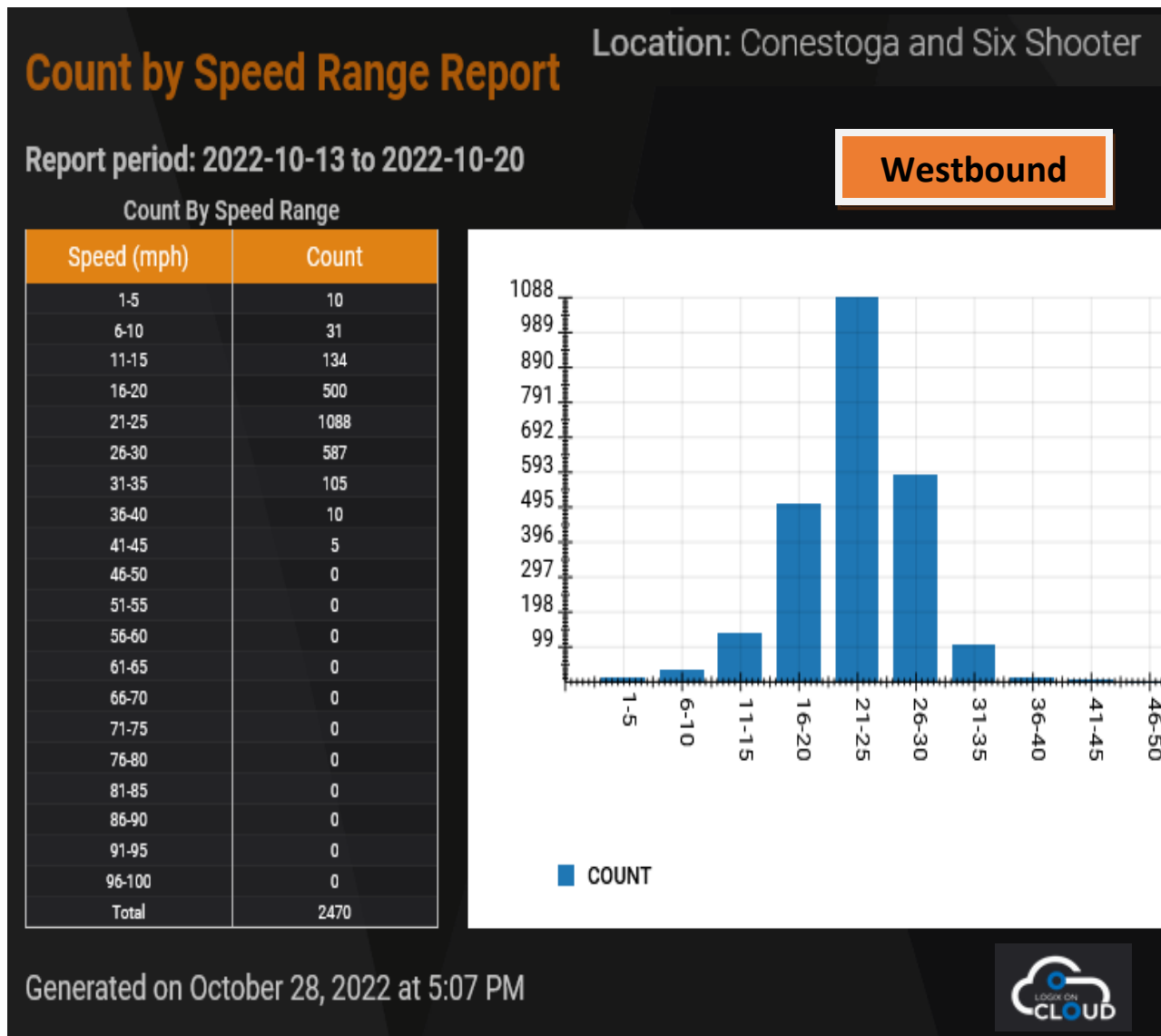
The reports to follow were created using hourly and daily incremental renderings to analyze disparity among different hours and days. Eastbound and westbound direction surveys were performed independently of each other and are thus reported independently below.

*Sgt. T. Vrana
Traffic Division Supervisor
Kyle Police Department*

Westbound (10-13-2022 to 10-20-2022)

The total number of vehicles counted were 2,470 with an overall average speed of 23 miles per hour. High speeds (41-44 mph) were noted mostly between 2PM and 10PM during weekdays.

1. **Total Vehicles Count**.....2470
2. **# of Speed Violations**.....153
3. **% of Speed Violations**.....7%
4. **% of Vehicles Respecting Limit**.....93%
5. **Average Speed**.....23 mph
6. **Maximum Speed (MPH)**.....44 mph
7. **Minimum Speed (MPH)**.....3 mph
8. **50th Percentile Speed Average (MPH)**.....23 mph
9. **85th Percentile Speed Average (MPH)**.....27 mph



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Eastbound (10/21/2022 to 10/28/2022)

The total number of vehicles counted were 2,649 with an overall average speed of 24 miles per hour. High speeds (41-47 mph) were noted mostly during the weekdays with no timeframe consistency.

1. Total Vehicles Count.....2,649
2. # of Speed Violations.....339
3. % of Speed Violations.....16%
4. % of Vehicles Respecting Limit.....84%
5. Average Speed.....24 mph
6. Maximum Speed (MPH).....47 mph
7. Minimum Speed (MPH).....3 mph
8. 50th Percentile Speed Average (MPH).....24 mph
9. 85th Percentile Speed Average (MPH).....28 mph

Count by Speed Range Report

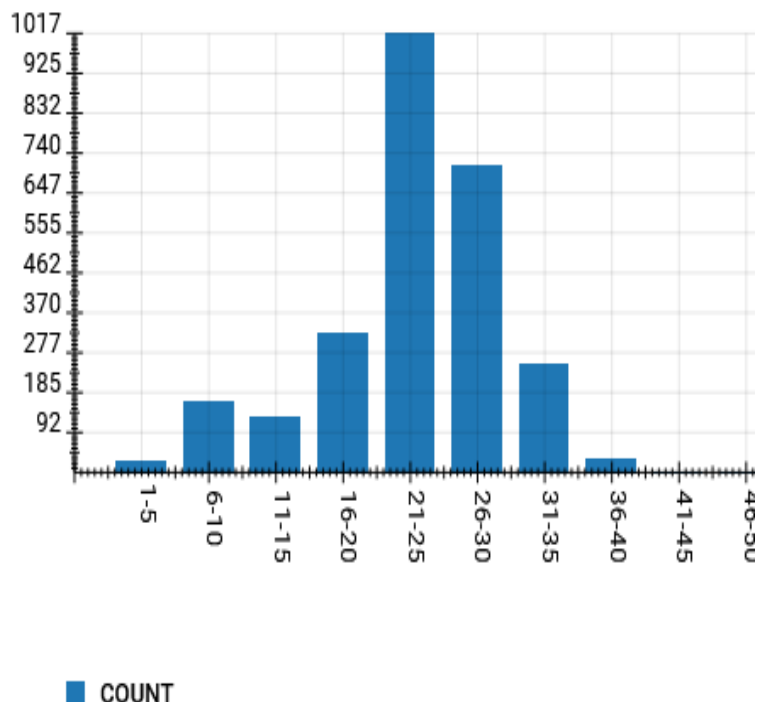
Location: Conestoga and Six Shooter

Report period: 2022-10-21 to 2022-10-28

Eastbound

Count By Speed Range

Speed (mph)	Count
1-5	26
6-10	162
11-15	128
16-20	323
21-25	1017
26-30	711
31-35	252
36-40	29
41-45	0
46-50	1
51-55	0
56-60	0
61-65	0
66-70	0
71-75	0
76-80	0
81-85	0
86-90	0
91-95	0
96-100	0
Total	2649



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