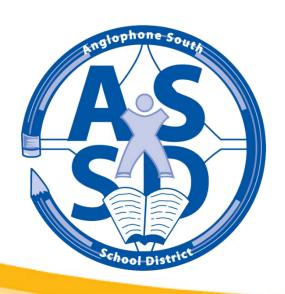
### **School Bus Camera Project**

# **Information Session School Bus Camera Systems**







### **Project**

In partnership with EECD, ASD-S was chosen as a pilot for installing a number of cameras on school buses throughout the district

All costs for equipment and installation covered by EECD under this collaboration



#### Goals

- Validate the effectiveness of the system in capturing the required data in various weather conditions throughout NB
- Confirm the viability of the information captured for the court system
- Collect verifiable data on the frequency of the occurrences



#### **Timelines**

- Hardware Installs (Approximately 4 hours per bus)
  - November thru January
- Management Training
  - Software
    - End of January
- Driver Training
  - Process shared at welcome sessions before start of school
  - One on One training after install for specific buses\drivers
    - Demonstrate what's viewed and instruct to press button and check cleanliness of cameras regularly



### **Reporting Process - Driver**

- Driver records date and time of event
- Completes form and submits to transportation staff

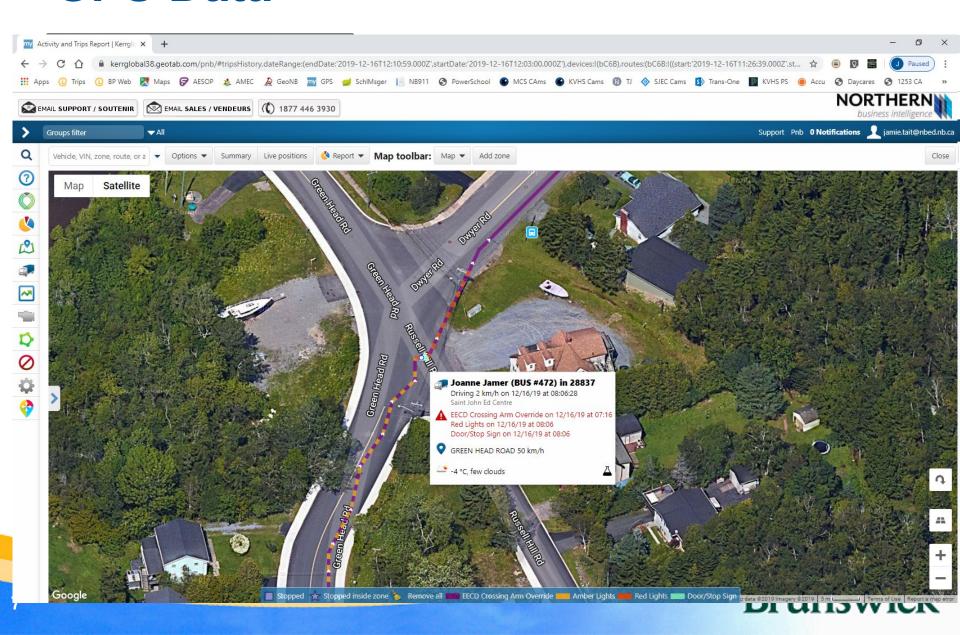
SCHOOL BUS - Flasi	ning Red Light infraction Rep	<del>1011</del>
Stopped school bus		
188(1) The driver of a motor vehicle meeting or are displayed on such school bus shall bring suc and shall not pass such school bus until it is aga	h motor vehicle to a stop at not less ti	han five metres from such school bus
and shall not pass such school bas and it is ago	im in motion or the justify red rights	New Brunswick Motor Vehicle Act - Section :
School Bus Driver Details		
Last Name:	First Name:	
Drivers License #:		
Civic #: Street:	Municipality:	
School Bus #:		
Offence Details		
Date: Time:		
Civic#: Street:	Municipality:	
Vehicle Passed from: 🗆 Front 🔻 🗆 Res	ar	
Student Location: Crossing Road	Leaving Bus Boarding Bus	On-Board Bus
Red Lights confirmed functional after inci	ident? OYES NO	
Suspect Vehicle Details		
Vehicle Plate: Cole	or:	
_2Door	:	
Year: Make;	Model:	
Suspect Driver		
Male Female Approximate Age:	Hair Color:	
Glasses: Yes No		
Other Identifying Features:		
Comments		
Reporting Details		
Date Reported:	Method:	Person
Law Enforcement Agency:	Municipality:	
Officers Name:		

### Reporting Process — Transportation Staff

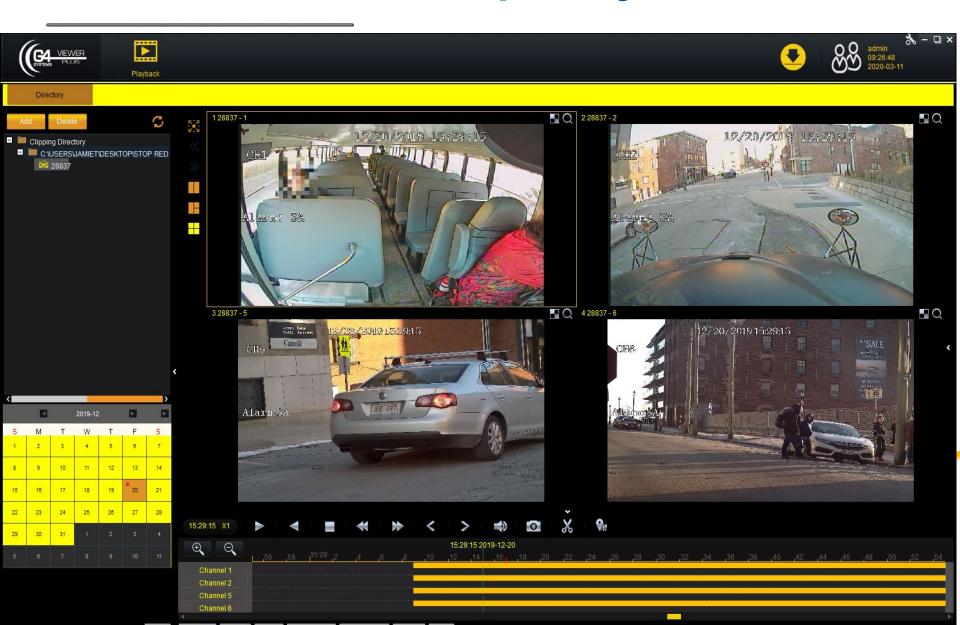
- Data collected from GPS
  - Screen Shots
  - Raw Data
- Drivers Report
- Driver report is sent to Department Public Safety and remainder of information and data is maintained by Transportation Staff for future court action if needed

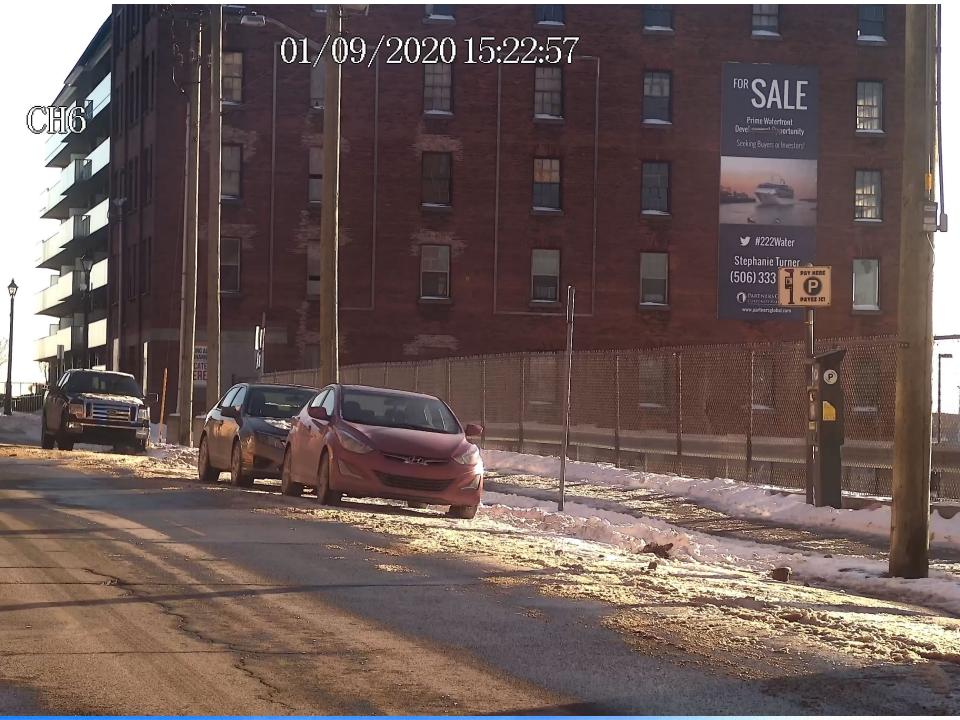


#### **GPS Data**



# Software – Gatekeeper Systems





### Statistics (Sept - Jan)

- 54 Violations reported to Department of Public Safety
- 8 Violations captured on video
- 37 PM
- 17 AM



Outcome	<b>I</b> Results
Warning Issued	1
Violation Pending - Physical Address	1
Violation Issued	28
Taxie- Junked R/O Insurance CO	1
Stolen Plate	1
Physical Address - Violation Pending	1
Pending	6
Need plate from video	1
Moved. Address not updated	4
Missing\Incorrect Information from Drive	er 7
Hospitalized - No Charge Pending	1
Address Incorrect - Pending Contact	2
Grand Total	54



#### **Lessons Learned**

- Driver reporting infractions up approximately 400%
- Drivers feel more supported and appreciate work being done
- Random social media posts are being reported that people are saying buses have cameras! [Public Awareness]
- Camera system is hooked directly to bus Aux's so the lights and stop arm system is represented on screen
- Only installed on newer buses to ensure longevity of the systems



# **Benefits (Summary)**

- Student Safety
- Driver Safety
- Collaboration of driver reports for court
  - Higher Prosecution
- Public Awareness
- Student Behavior
- Driver Behavior





#### What next

- Bill 16 (Awaiting third reading)
  - Authorize School Bus Cameras to be used as evidence without witness
  - Enforce Registered driver being charged
  - 3 points changed to 5 points
  - Fine increases to \$480
- Information collected by EECD to determine future installs



# **Questions?**

