



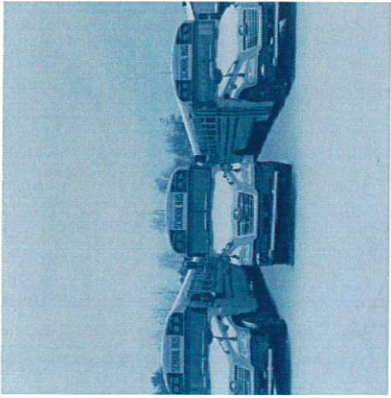
STOP ARM CAMERA – PILOT PROJECT
ONTARIO TRAFFIC COUNCIL

SUDBURY STUDENT SERVICES CONSORTIUM

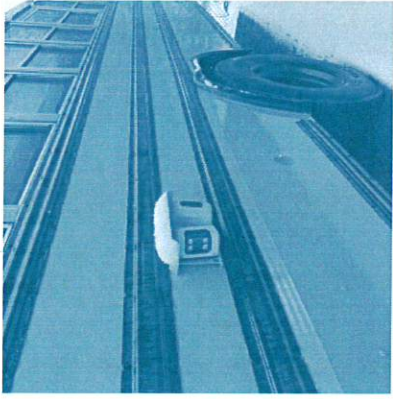
NEW STOP ARM TECHNOLOGY
2021-2022 SCHOOL YEAR

OTC – Pilot Project

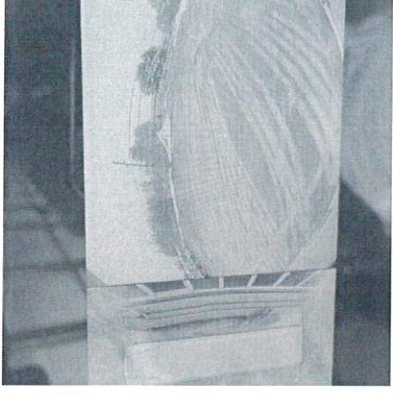
Gatekeeper Camera Technology



7- School Buses



7- Stop Arm Cameras



3- 360° Cameras

ONTARIO TRAFFIC COUNCIL - PILOT PROJECT

TRAINING

TRAINING FOR DRIVERS

- Weekly discussions with school bus operators to ensure daily verifications are completed to confirm the proper functioning of stop arm and flashing lights;
- Weekly discussions with school bus drivers to remind them to regularly clean the exterior cameras;
- Weekly discussions with school bus drivers to report any presumed offences to the Consortium.

- Morning Circle Check
- Verification to ensure proper functioning of technology



WEEKLY DOWNLOAD OF STOP ARM CAMERA SURVEILLANCE DATA

[View Complete Archive](#)

InfractionID	DateSubmitted	BusCompany	Manager	RouteNumber	UnitNumber	DriverName	DateOfInfraction	TimeOfInfraction
View SA1241957	24/09/2015 12:00:00 AM	Northway	Darlene Bertrand	N423	251	Sarah Gladu	22/09/2015 12:00:00 AM	08:02 am

October 06, 2015

Consortium Stop Arm Infraction Acknowledgement

 Response Sent

Date data retrieved from school bus unit:

Location of bus:

Name of Person who retrieved the Hard Drive:

Unit was locked: Choose below:

Date data downloaded:

Name of Person who downloaded video evidence of the Incident:

Date reported to police:

Time:

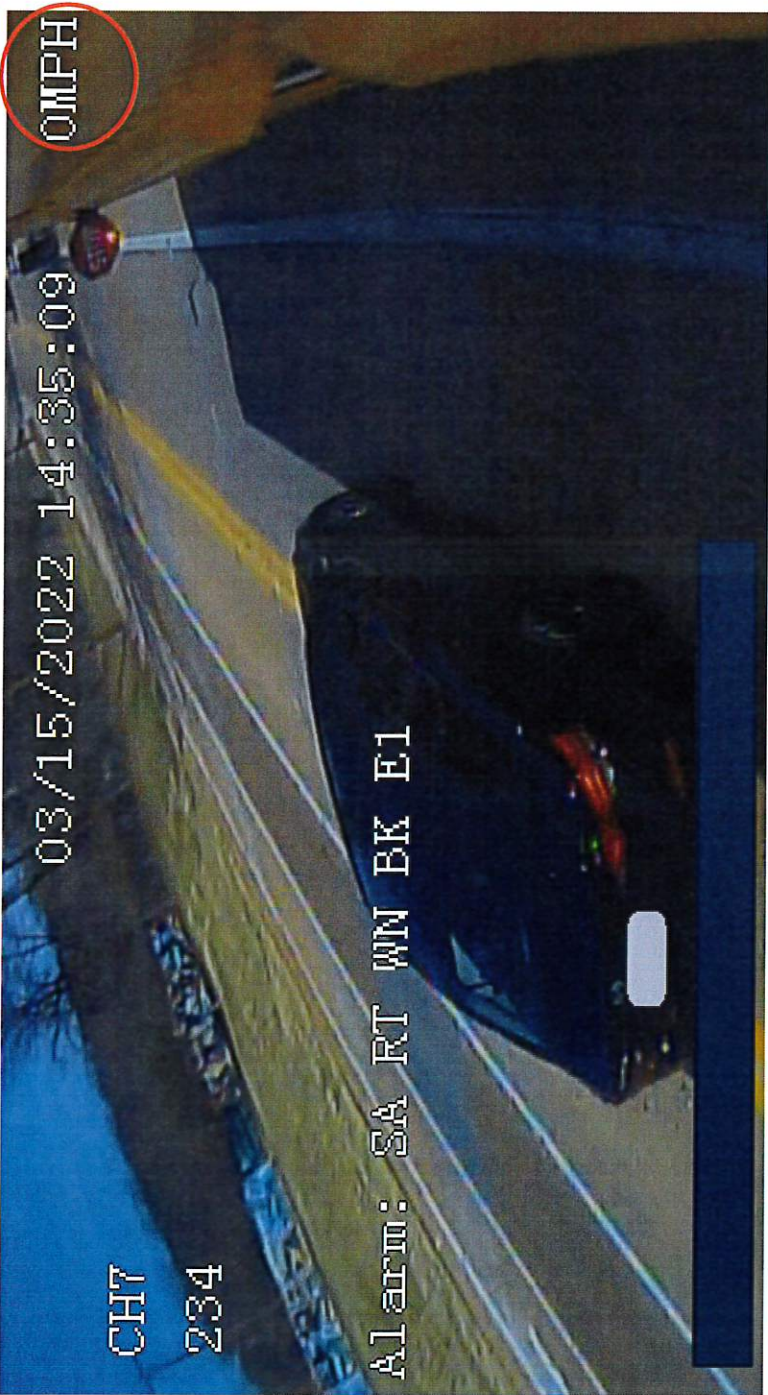
Time data downloaded:

Time reported to police:

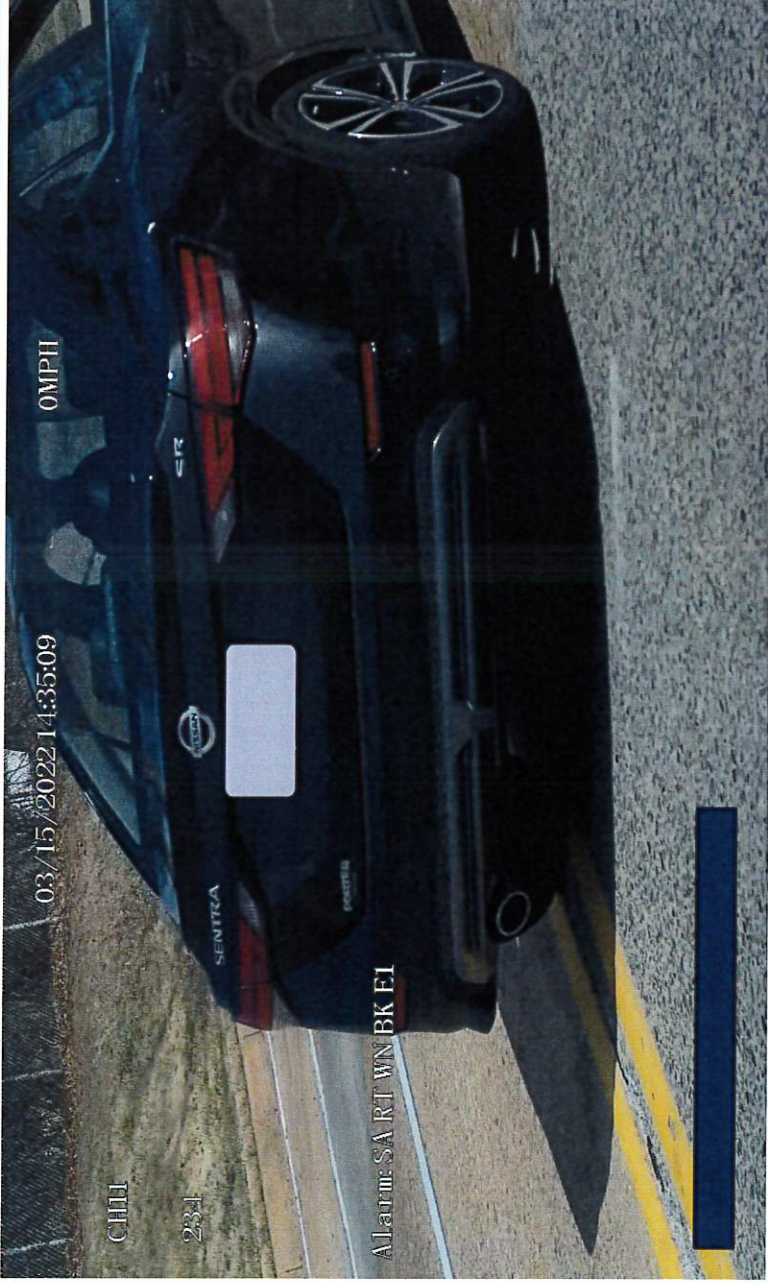
[Respond to Infraction Report](#)

CONSORTIUM STAFF COMPLETES ONLINE INFRACTION REPORT FOR POLICE TO ACCOMPANY THE UPLOADED INFRACTIONS

Bus is completely stopped



MARCH - INFRACTION 14:35 PM - OVERVIEW CAMERA



License Plate
Reader cameras

MARCH - INFRACTION 14:35 PM - LICENSE PLATE READER - TYPE & MODEL OF
VEHICLE



Stop arm is fully extended

MAY – INFRACTION 8:33 AM – OVERVIEW CAMERA – TYPE & MODEL OF VEHICLE



License Plate
Reader cameras

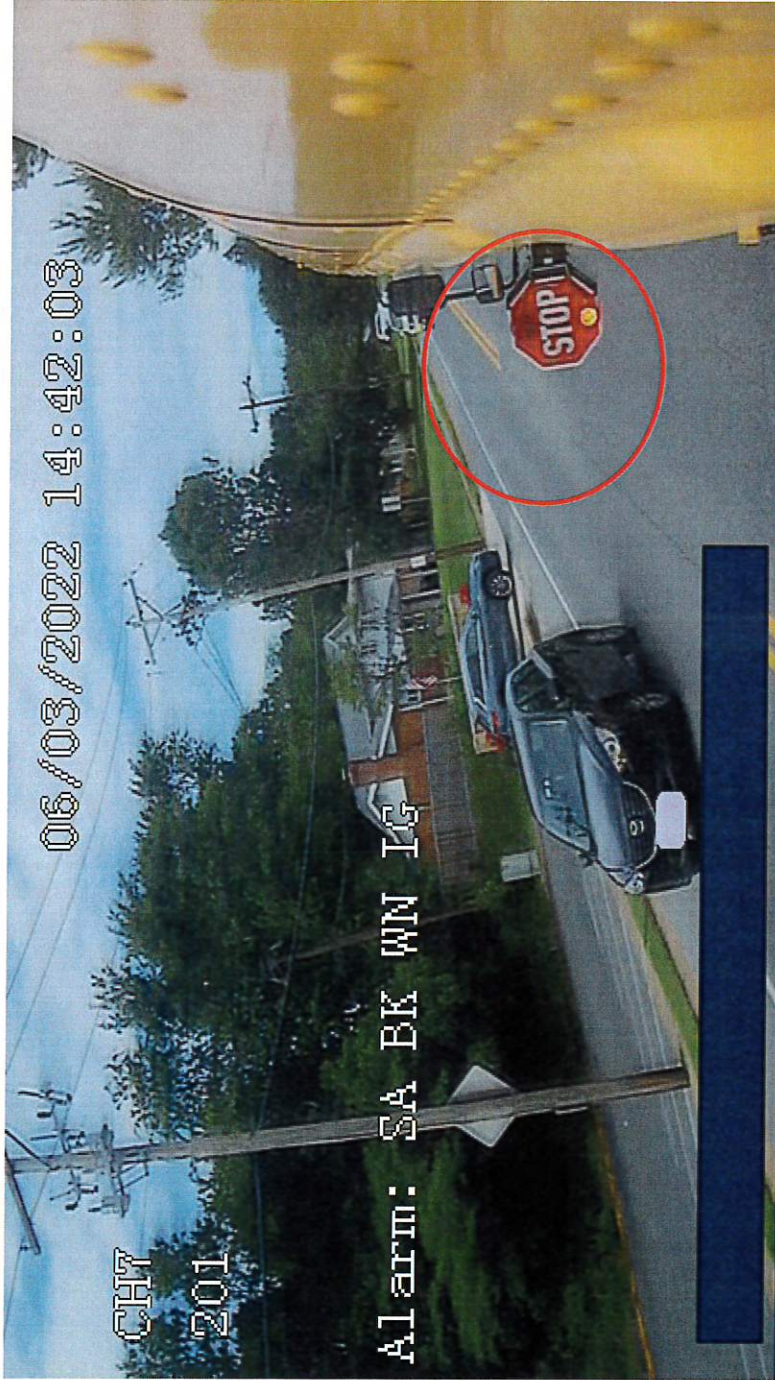
Alarm – Stop
Arm

MAY – INFRACTION 8:33 AM – LICENSE PLATE READER CAMERA – STOP ARM

CHT
201

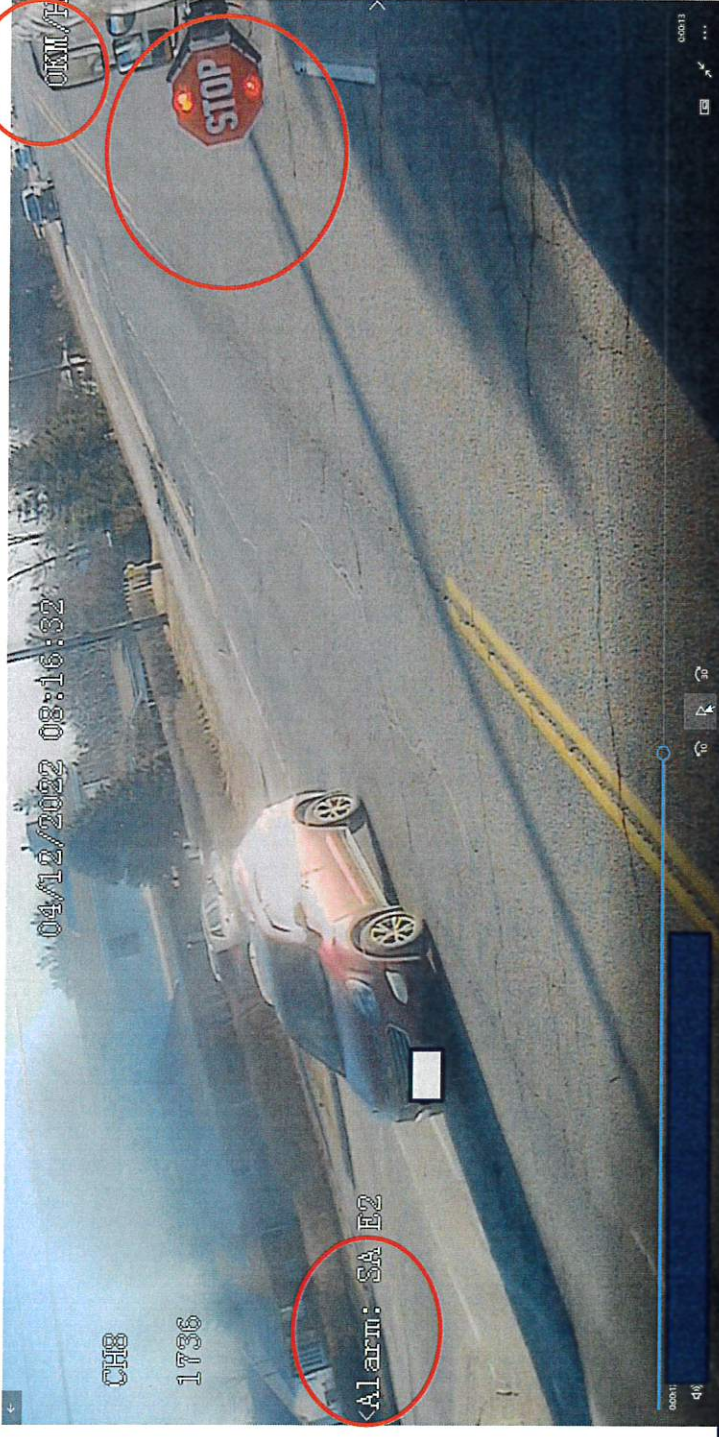
06/03/2022 14:42:03

Alarm: SA BK WN IG



Stop arm is fully
extended

JUNE – INFRACTION 14:42 P.M. - OVERVIEW CAMERA

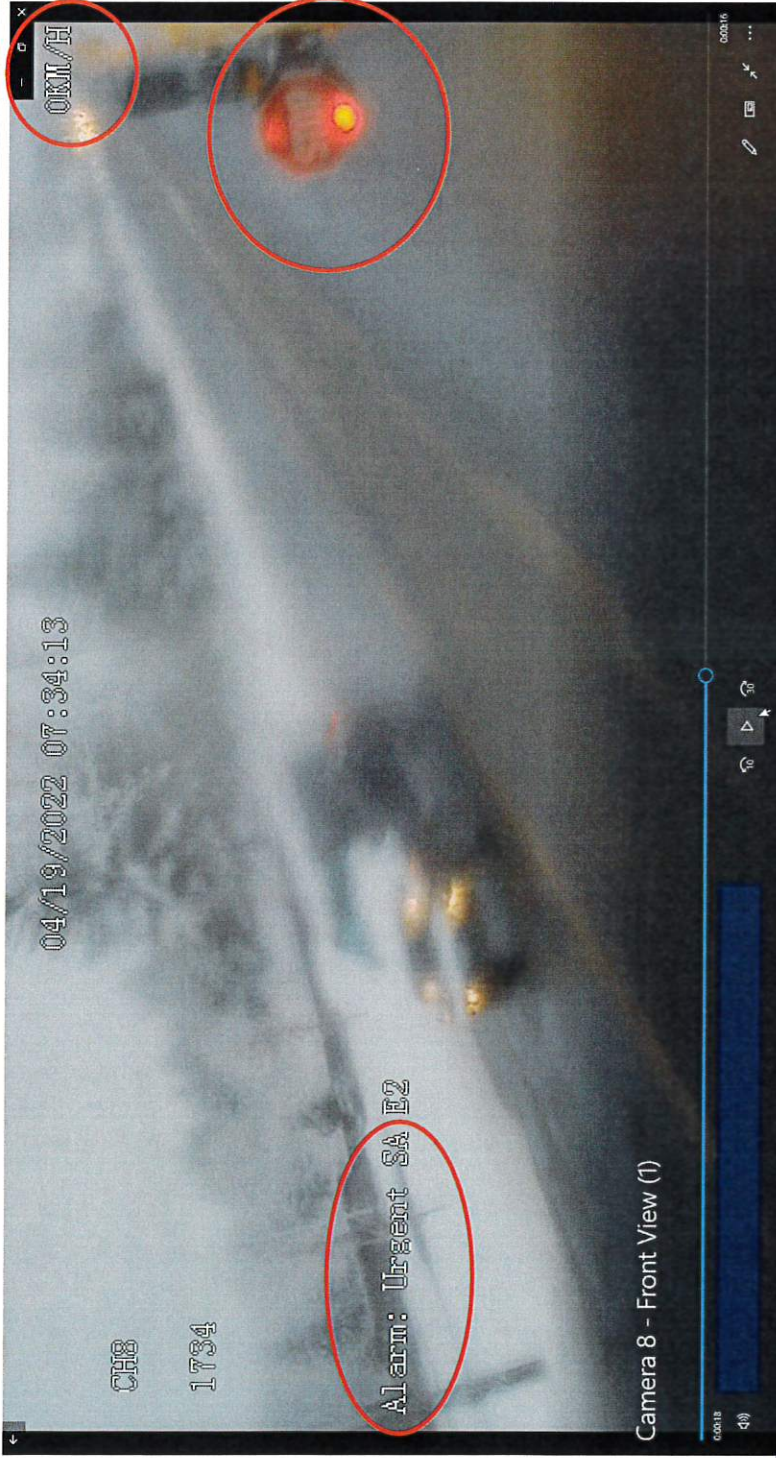


Bus is stopped
and at 0 km/hr

Stop arm is fully
extended – over
view camera

Alarm SA – Stop
Arm

APRIL – INFRACTION 8:16 AM – OVERVIEW CAMERA – TYPE & MAKE OF VEHICLE

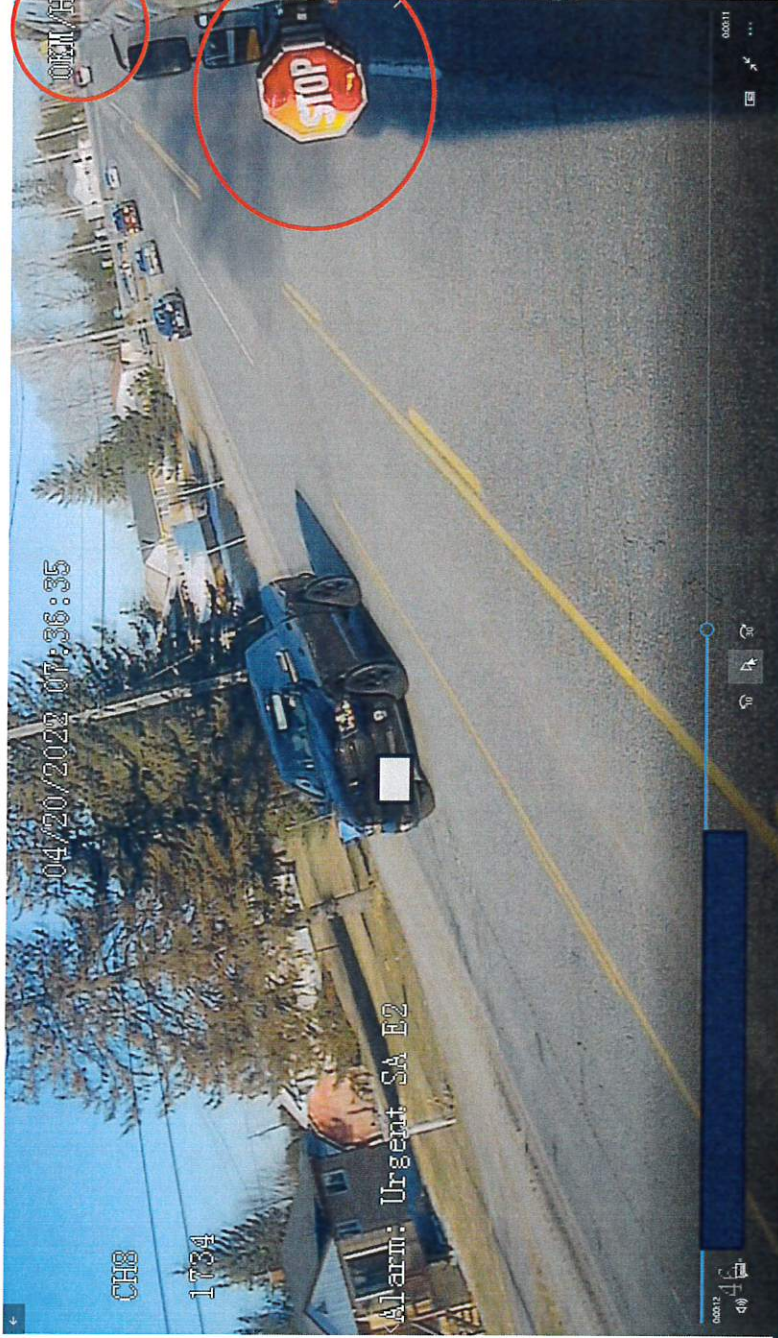


Bus is completely stopped

Stop arm is fully extended

Alarm Stop Arm

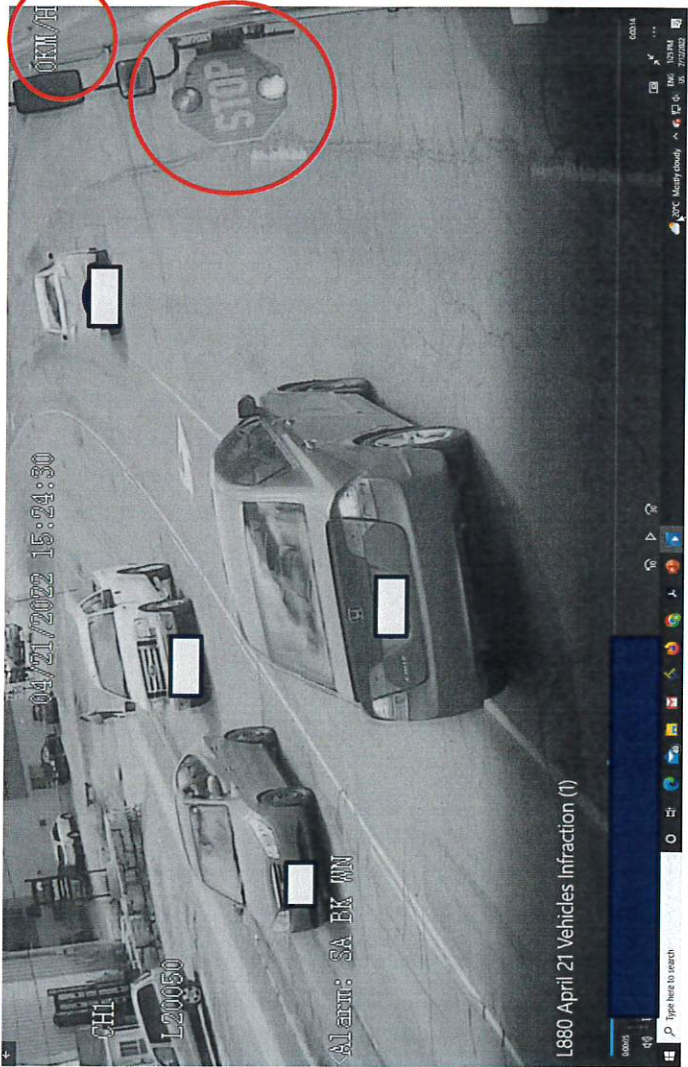
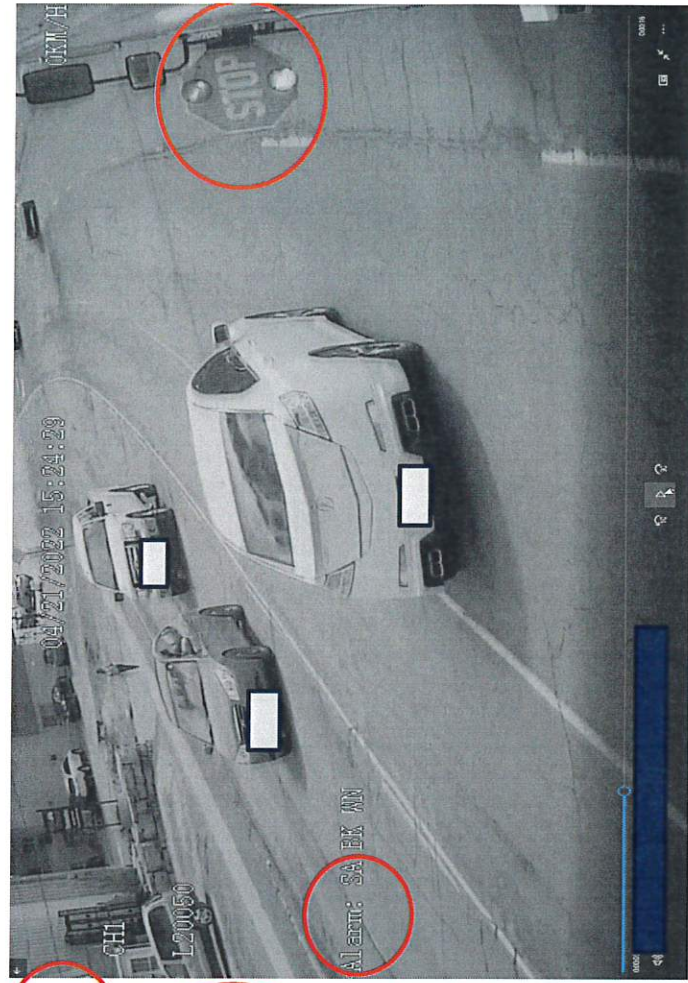
APRIL – INFRACTION 7:34 AM – ISSUE WITH VISIBILITY FROM OVERVIEW CAMERA DUE TO INCLEMENT WEATHER AND NOT CLEANING CAMERA



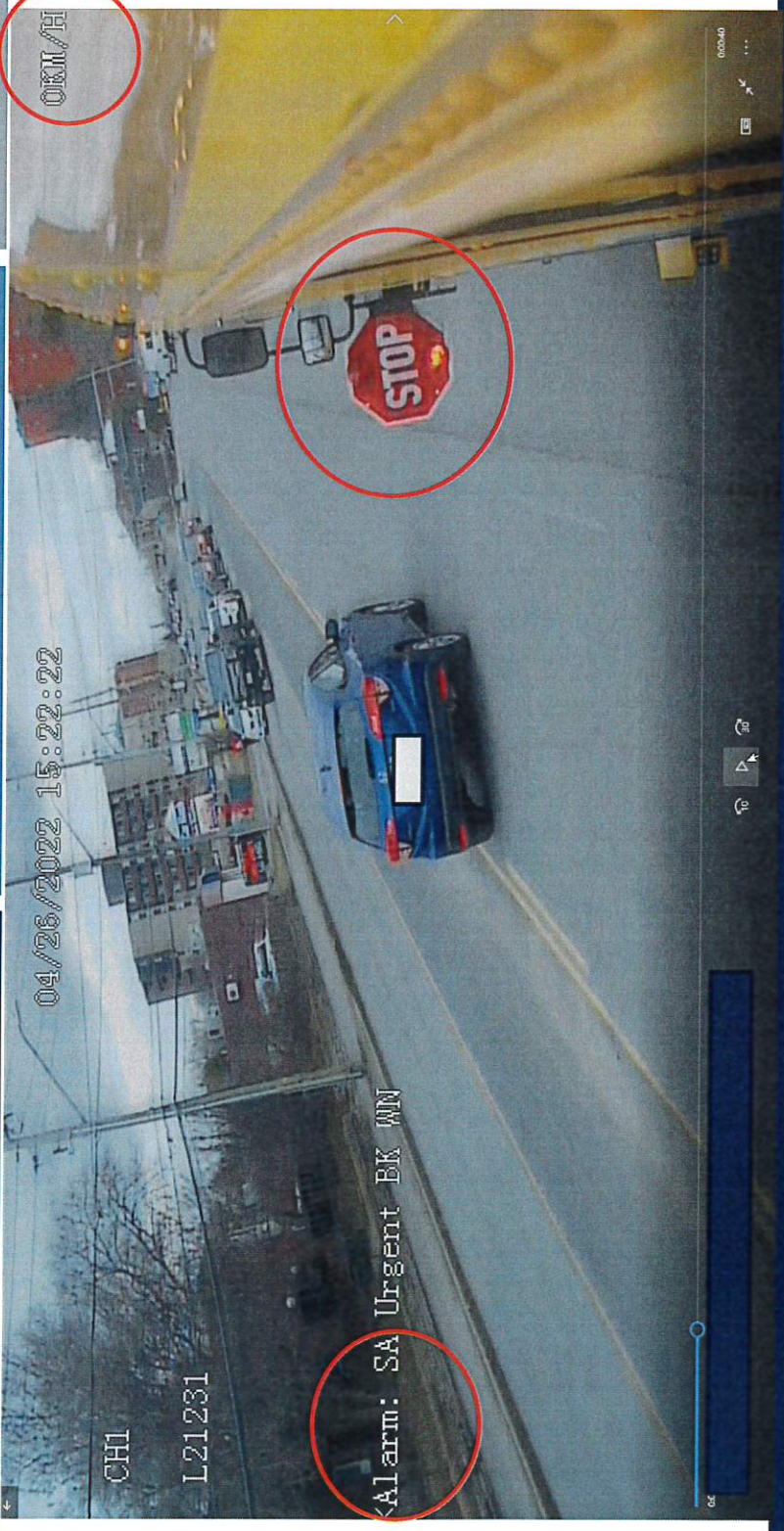
Bus is stopped
and at 0 km/hr

Stop arm is fully
extended

APRIL – INFRACTION 7:36 AM – OVERVIEW CAMERA



APRIL – MULTIPLE INFRACTIONS 15:24 PM – BACK TO BACK

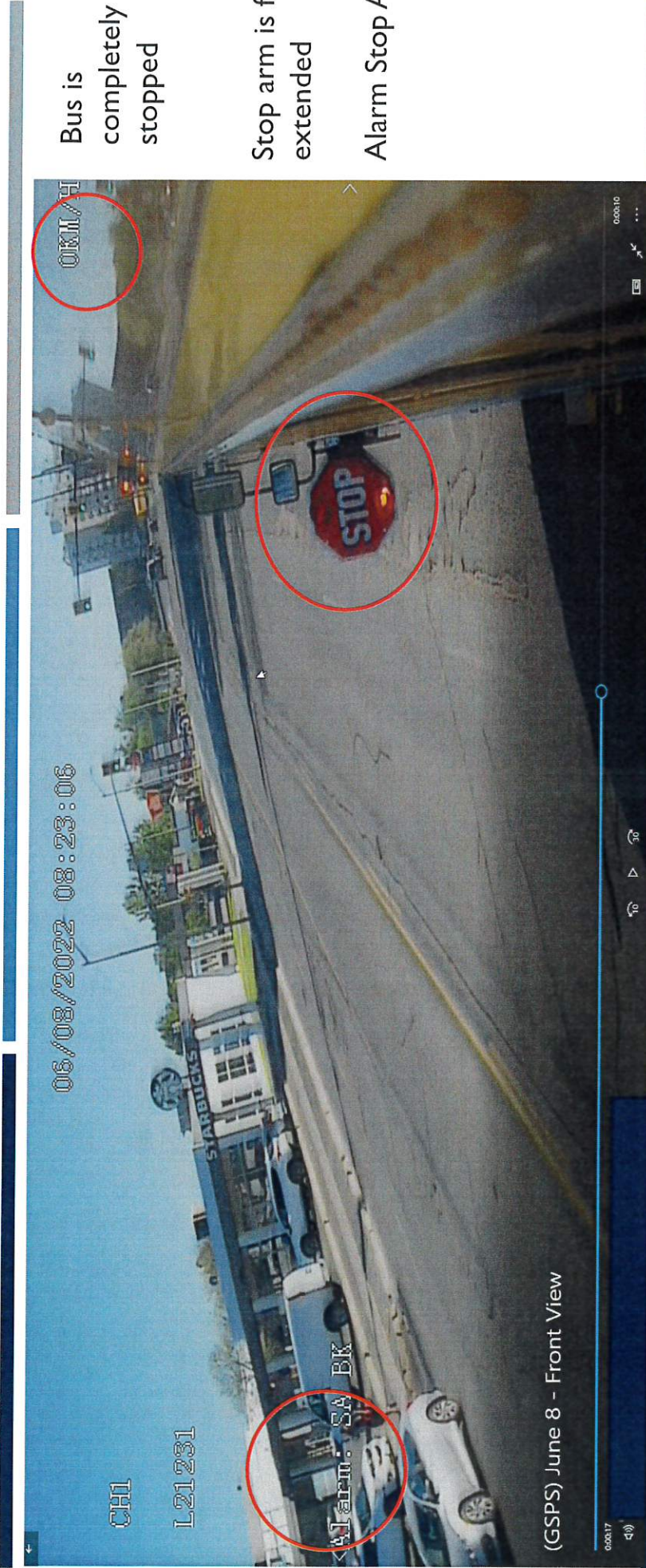


Bus is completely stopped

Stop arm is fully extended

Alarm Stop Arm

APRIL – INFRACTION 15:22 PM – OVERVIEW CAMERA

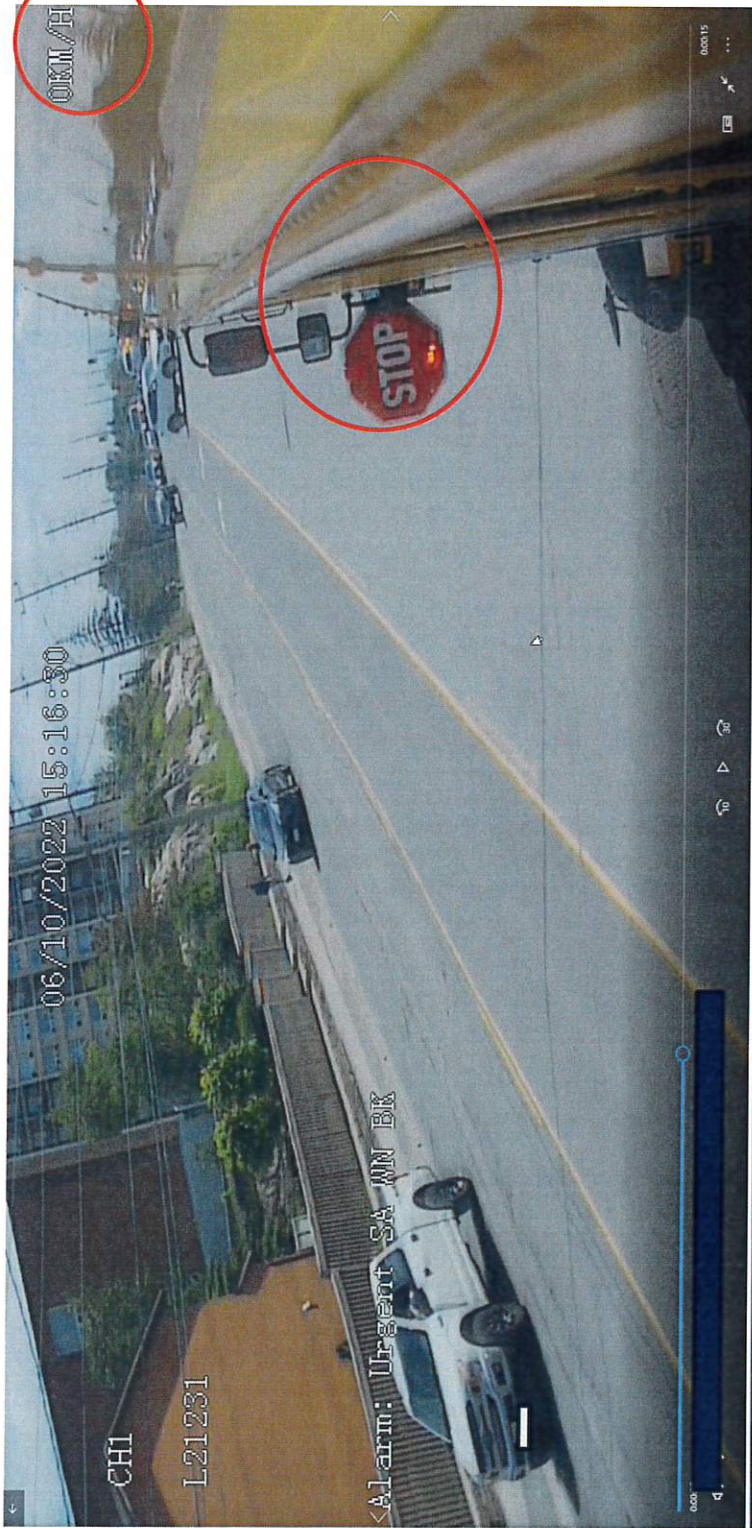


Bus is completely stopped

Stop arm is fully extended

Alarm Stop Arr

JUNE – INFRACTION 8:23 AM – OVERVIEW CAMERA – 3 + LANES OVER

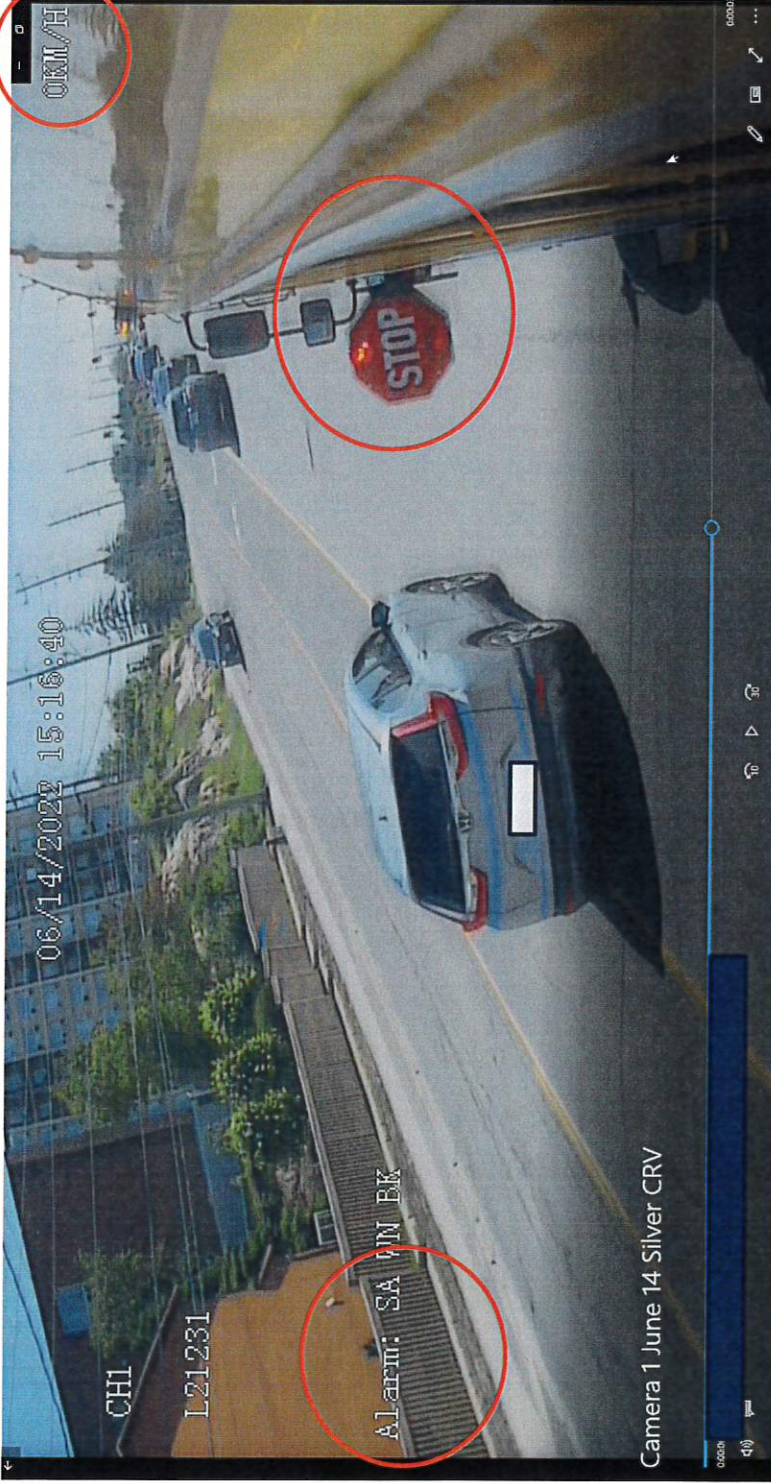


Bus is completely stopped

Stop arm is fully extended

Alarm Stop Arm

JUNE – INFRACTION 15:16 PM – 3 LANES OVER – OVERVIEW CAMERA

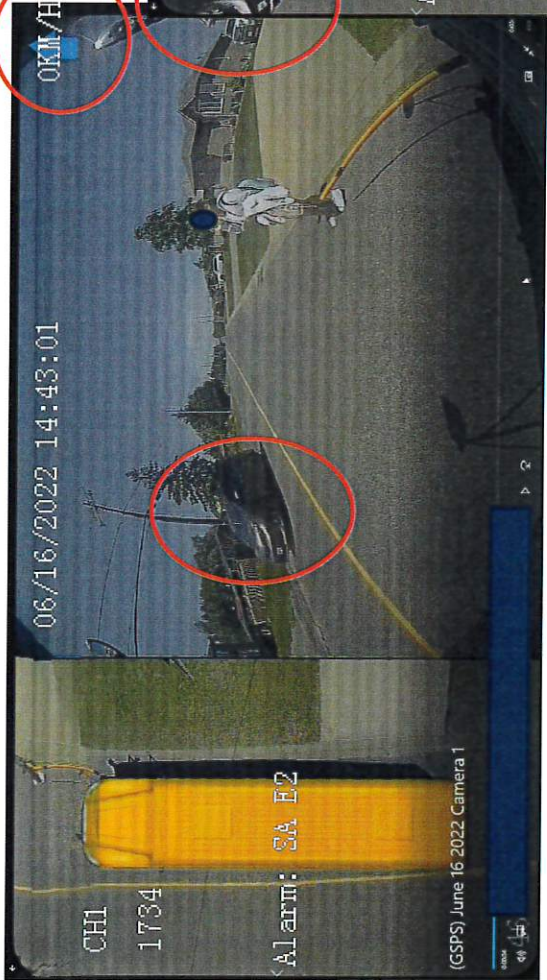


Bus is completely stopped

Stop arm is fully extended

Alarm Stop Arm

JUNE – INFRACTION 15:16 PM OVERVIEW CAMERA – TYPE & MAKE OF VEHICLE



Bus is completely stopped



Gate is fully extended

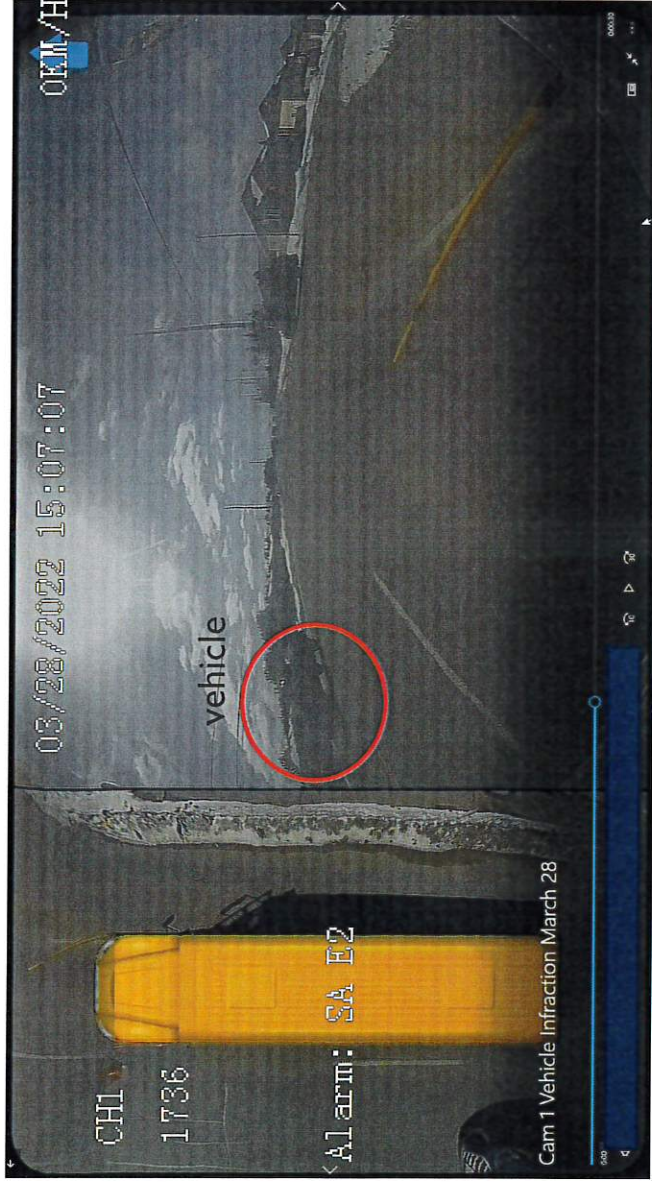
JUNE – INFRACTION 14:43 PM – 360 CAMERA



Bus is completely stopped

Bus gate is fully extended

MARCH – INFRACTION 15:43 PM – 360 CAMERA



MARCH – INFRACTION 15:07 PM – 360 CAMERA



Bus is completely stopped



Stop arm is fully extended

JUNE – INFRACTION 16:06 PM - 360 CAMERA

GREATER SUDBURY POLICE SERVICES FEEDBACK

- These stop arm cameras are “a great resource”
- They have been laying charges on 90% of reported infractions
- Love the different angles that the cameras provide
- Would be beneficial for all vehicles to be equipped with this technology
- “Excellent Community Safety Device”
- Looking forward to creating safety messaging and media release for the next school year!

BOUCHERR@BUSINFO.CA

MERCI BEAUCOUP/ THANK YOU

