

Tauranga Transport Operations Centre

Tauranga City

Transport and Connection





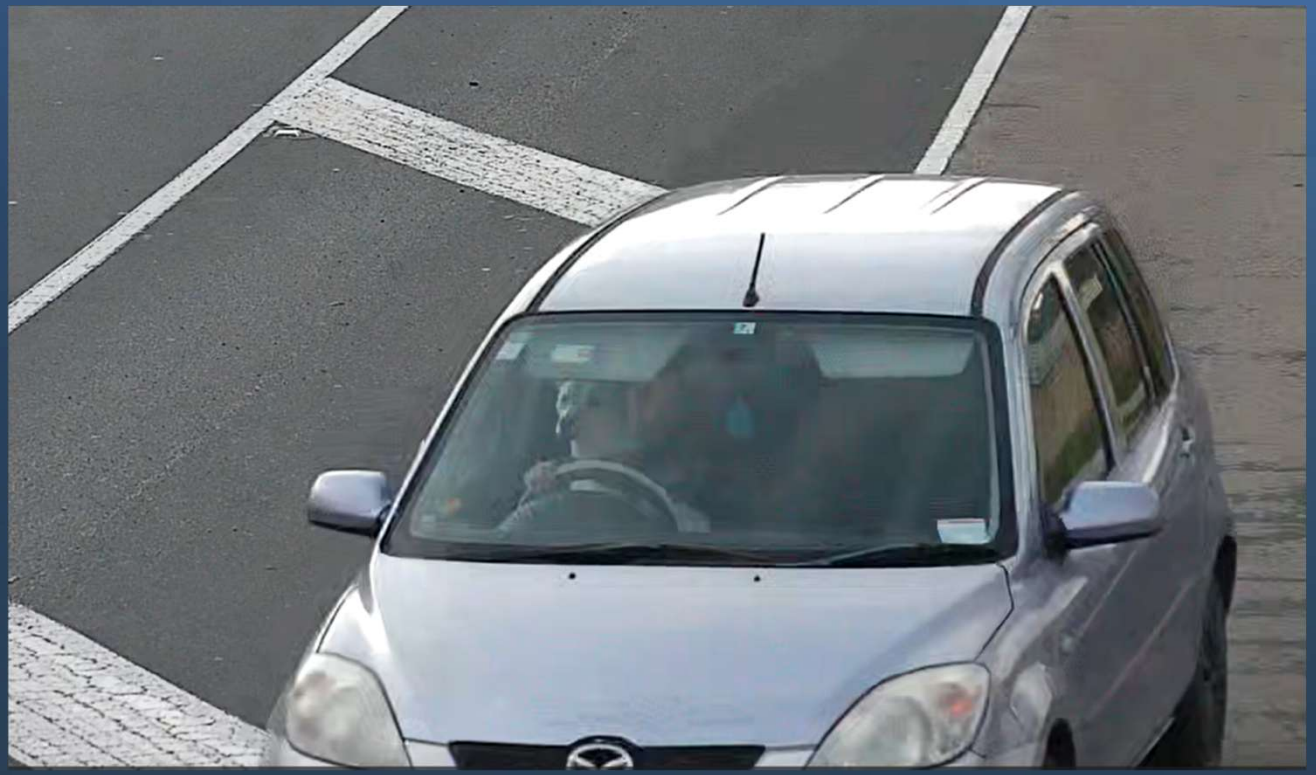
TTOC Operator Numbers for 2025/2026 FY

TTOC has directly assisted police with

1105 Persons **ARRESTED**

193 Vehicles **IMPOUNDED**

2498 (down from over 3000) Vehicles identified unlawfully using the Hewletts Road Bus Lanes

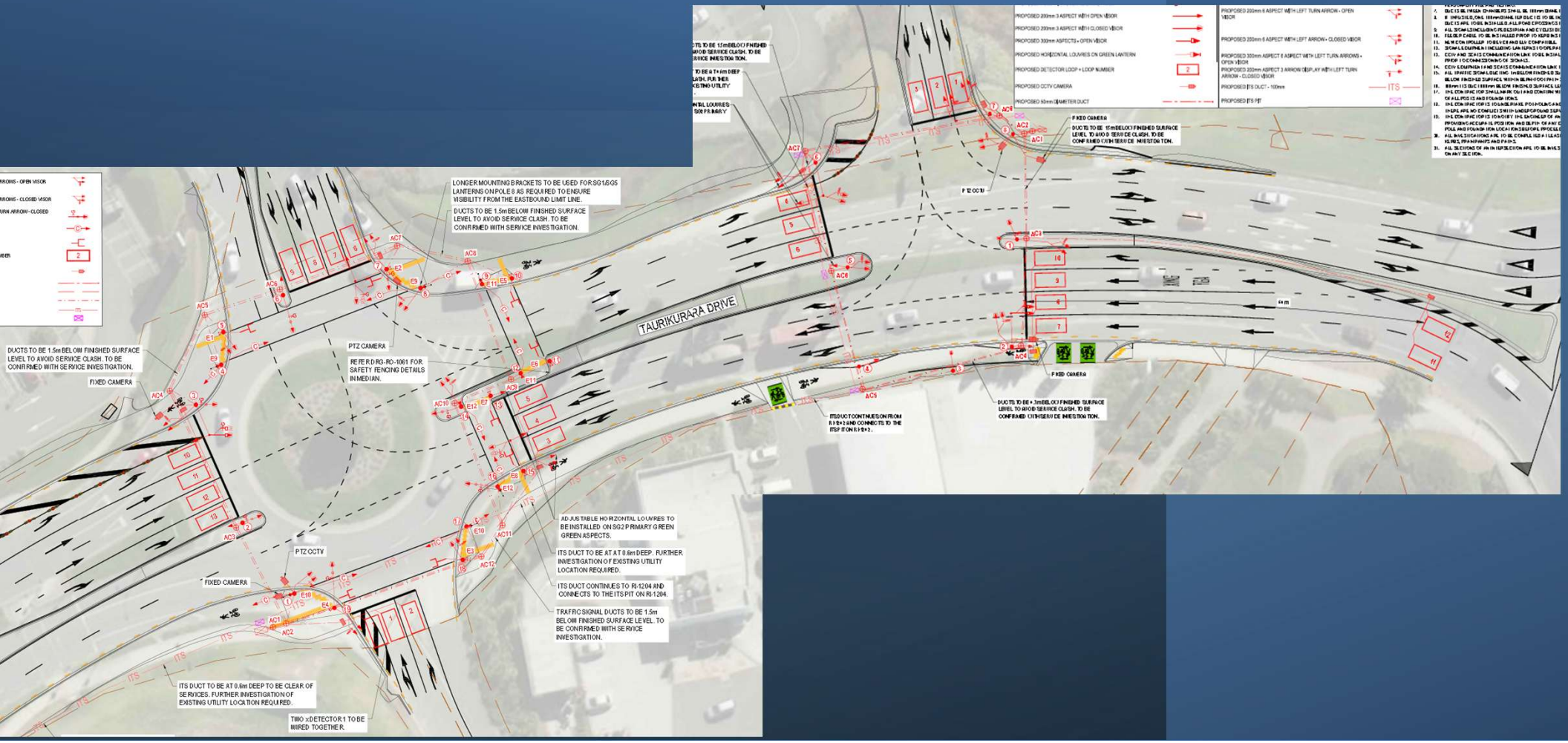


Other Video Footage Captures

- 113 Dangerous Driving Offences.
- 705 Driving Incidents/Complaints.
- 772 Vehicle Crashes/Collisions.
- 229 Fights / Assaults.
- 107 Violence Related Arrests.
- 1 Dog Driving without their seat belt

WBoP District cameras now onboarded to TTOC

TTOC monitoring a total of 2017 camera feeds from 1449 devices in the wider WBoP region plus Rotorua’s SHs and Taupo


TAURIKURARA DRIVE
LONGER MOUNTING BRACKETS TO BE USED FOR SG1/SG5 LANTERNS ON POLES AS REQUIRED TO ENSURE VISIBILITY FROM THE EASTBOUND LIMIT LINE.
DUCTS TO BE 1.5m BELOW FINISHED SURFACE LEVEL TO AVOID SERVICE CLASH. TO BE CONFIRMED WITH SERVICE INVESTIGATION.
DUCTS TO BE 1.5m BELOW FINISHED SURFACE LEVEL TO AVOID SERVICE CLASH. TO BE CONFIRMED WITH SERVICE INVESTIGATION.
FIXED CAMERA
PTZ CAMERA
REFER DRG-RO-1061 FOR SAFETY FENCING DETAILS IN MEDIAN.
PTZ CCTV
FIXED CAMERA
ITS DUCT TO BE AT 0.6m DEEP TO BE CLEAR OF SERVICES. FURTHER INVESTIGATION OF EXISTING UTILITY LOCATION REQUIRED.
TWO x DETECTOR 1 TO BE WIRED TOGETHER.
ADJUSTABLE HORIZONTAL LOUVRES TO BE INSTALLED ON SG2 PRIMARY GREEN GREEN ASPECTS.
ITS DUCT TO BE AT AT 0.6m DEEP. FURTHER INVESTIGATION OF EXISTING UTILITY LOCATION REQUIRED.
ITS DUCT CONTINUES TO RI-1204 AND CONNECTS TO THE ITS PIT ON RI-1204.
TRAFFIC SIGNAL DUCTS TO BE 1.5m BELOW FINISHED SURFACE LEVEL. TO BE CONFIRMED WITH SERVICE INVESTIGATION.
FIXED CAMERA
DUCTS TO BE 1.5m BELOW FINISHED SURFACE LEVEL TO AVOID SERVICE CLASH. TO BE CONFIRMED WITH SERVICE INVESTIGATION.
PTZ CCTV
ITS DUCT CONTINUES ON FROM RI-1204 AND CONNECTS TO THE ITS PIT ON RI-1204.
DUCTS TO BE 1.5m BELOW FINISHED SURFACE LEVEL TO AVOID SERVICE CLASH. TO BE CONFIRMED WITH SERVICE INVESTIGATION.
FIXED CAMERA
PROPOSED 200mm 3 ASPECT WITH OPEN VISOR
PROPOSED 200mm 3 ASPECT WITH CLOSED VISOR
PROPOSED 300mm ASPECTS + OPEN VISOR
PROPOSED HORIZONTAL LOUVRES ON GREEN LANTERN
PROPOSED DETECTOR LOOP + LOOP NUMBER
PROPOSED CCTV CAMERA
PROPOSED 50mm DIAMETER DUCT
PROPOSED 200mm 6 ASPECT WITH LEFT TURN ARROW - OPEN VISOR
PROPOSED 200mm 6 ASPECT WITH LEFT ARROW - CLOSED VISOR
PROPOSED 300mm ASPECT 6 ASPECT WITH LEFT TURN ARROWS - OPEN VISOR
PROPOSED 300mm ASPECT 3 ARROW DISPLAY WITH LEFT TURN ARROW - CLOSED VISOR
PROPOSED ITS DUCT - 100mm
PROPOSED ITS PIT

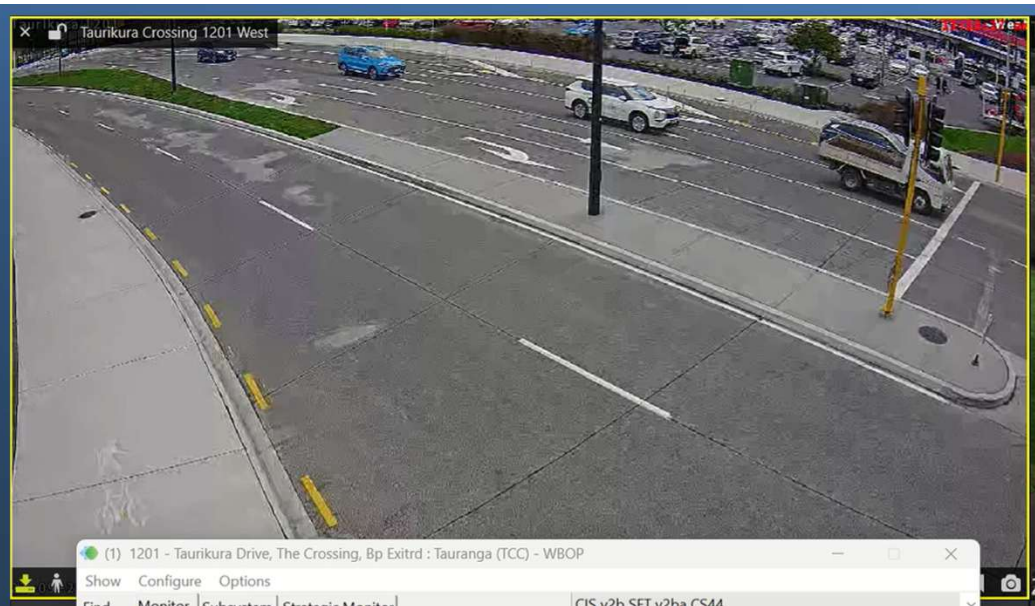


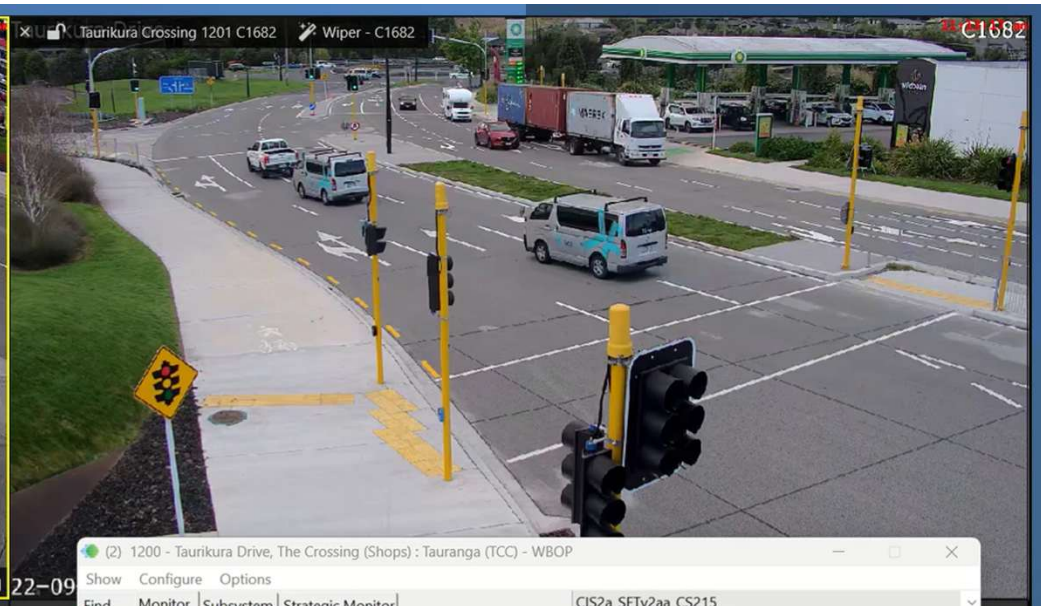
Semi-soft Masterlink



Issue – Close spacing requires coordinated operation but can look inefficient when flows are lower or variable

- Desirable to maintain rigid coordination offsets for consistency of operation
- Coordinated phase is always the same but isn't always the highest flows
- **Solution** - End of Phase coordination with gapping-off permitted
- **The almost clever bit** – Allow both sites coordinated phase to gap-off but only allow the downstream site to gap-off if the upstream one has done so first.





(1) 1201 - Taurikura Drive, The Crossing, Bp Exitrd : Tauranga (TCC) - WBOP

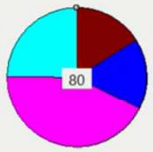
Show Configure Options

Find Monitor Subsystem Strategic Monitor | CIS v2b SFT v2ba CS44

1201	Alarms LC DA NF	WBOP Subsystem 80	Degree of Saturation 108	SCATS
Split Plan 2	Masterlink	Subsystem Plan 2	Master Subsystem	Cycle Generator 70
Offset Plan 3	Offset 0, 0 A	Link Plan 3	Link none	Active Link none
Special Facilities Z3,6		Cycle Plan none	Cycle Length 80	Required Cycle Length 80
XSF				

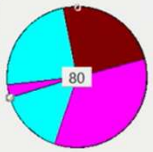
Active Plan

<A>	26%	20
D	16%	13
B	16%	13
C	42%	34
E		



Site Operation

<A>	12	23
D	19	9
B		
C	27	16
E		





GRN A TG16 <>

(2) 1200 - Taurikura Drive, The Crossing (Shops) : Tauranga (TCC) - WBOP

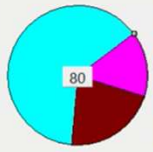
Show Configure Options

Find Monitor Subsystem Strategic Monitor | CIS2a_SFTv2aa_CS215

1200	Alarms SC NF	WBOP Subsystem 79	Degree of Saturation 41	SCATS
Split Plan 1	Masterlink	Subsystem Plan 1	Married +	Cycle Generator 70
Offset Plan 3	Offset 12, 12 A	Link Plan 3	Link 0, 0 A 1201	Active Link 0 A 1201
Special Facilities Z3,6		Cycle Plan none	Cycle Length 80	Required Cycle Length 65
XSF				

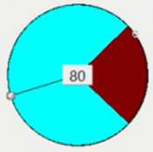
Active Plan

<A>	64%	51
C	15%	12
D	21%	17
B		
E		



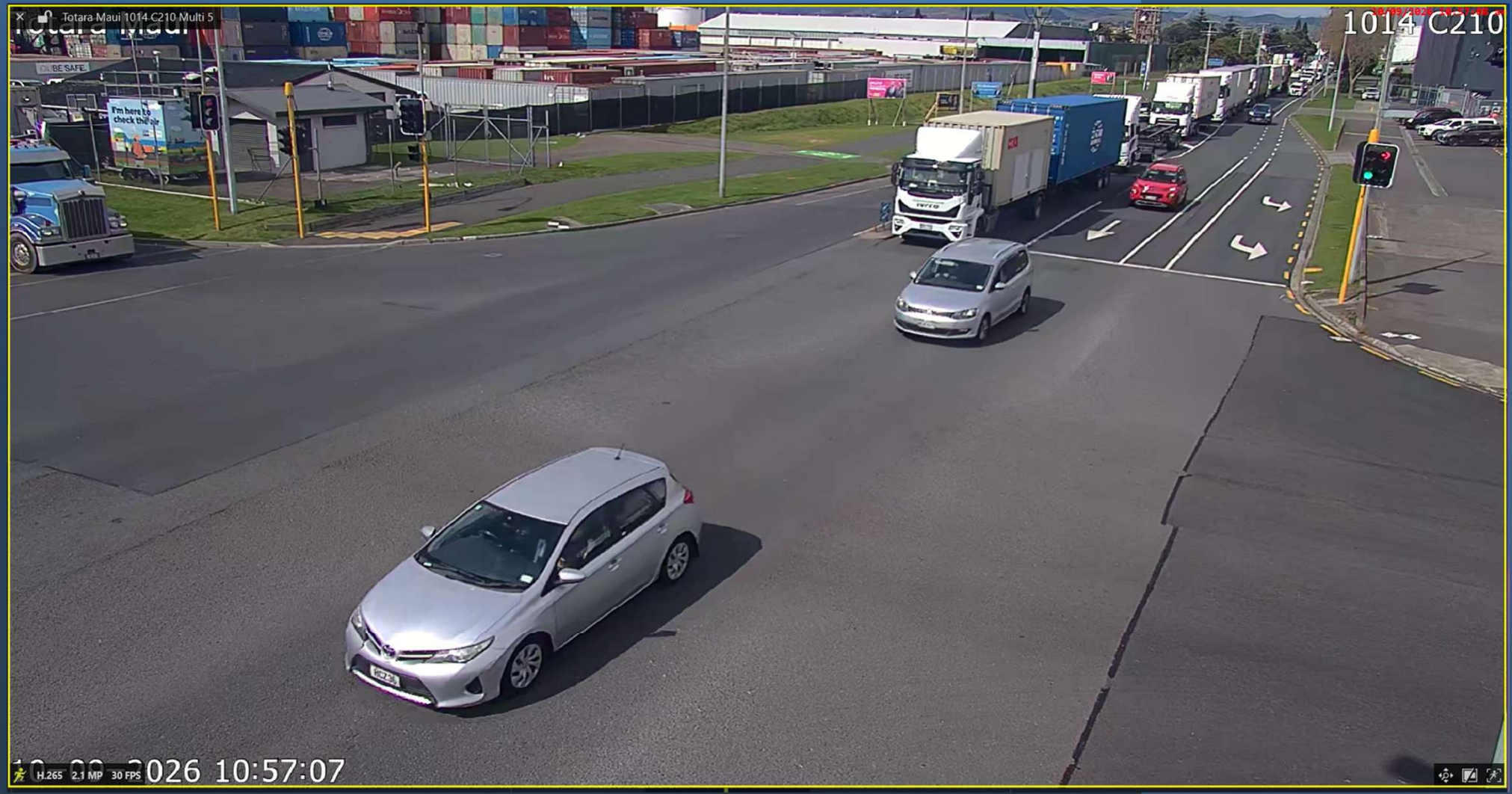
Site Operation

<A>	26	36
C		
D	19	10
B		
E		





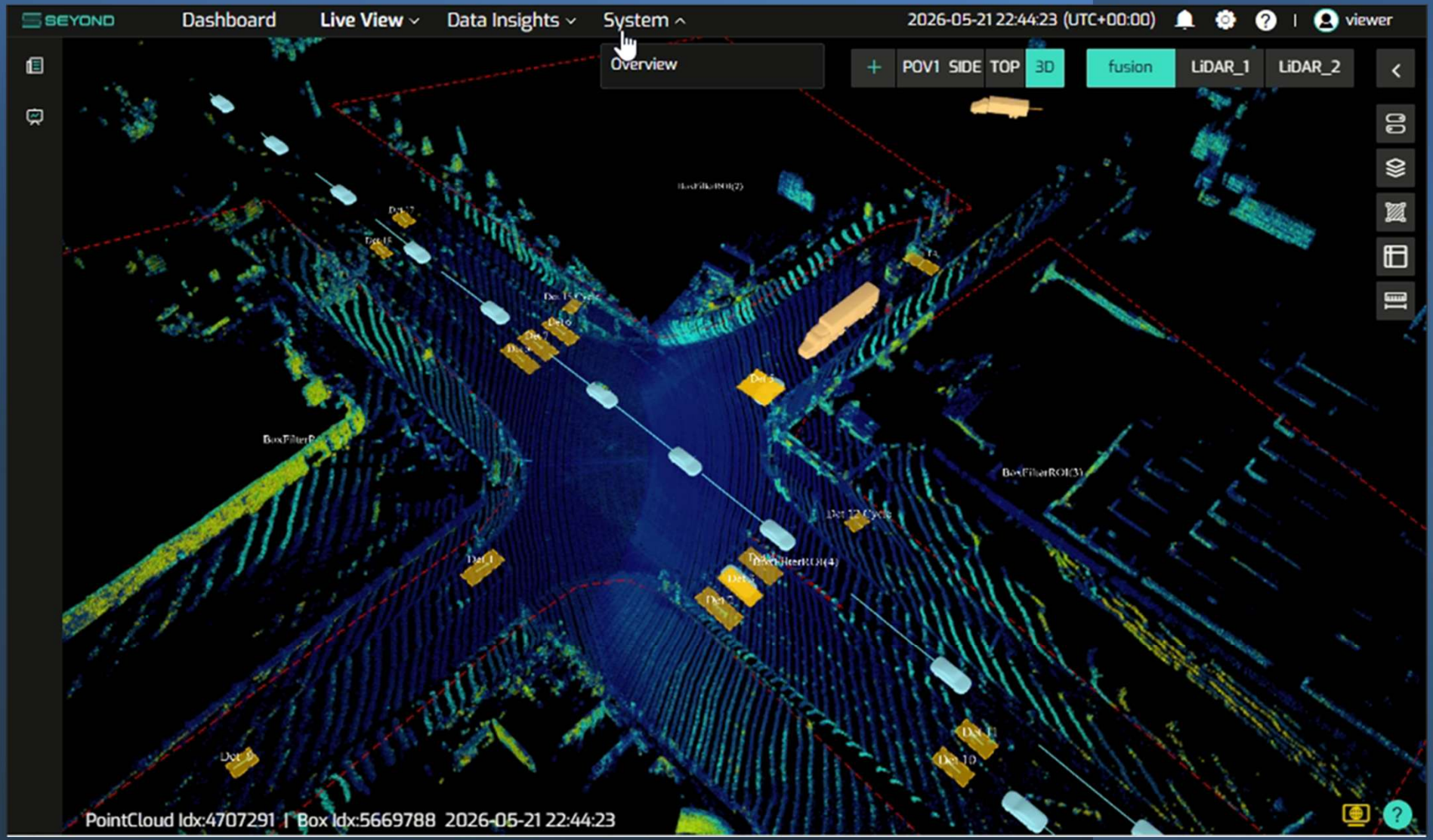
GRN A TG10 <> RT:1H2GH3GH4G@15


Totara Maui 1014 C210 Multi 5
1014 C210
BE SAFE
I'm here to check that pir
H.265 2.1 MP 30 FPS
2026 10:57:07

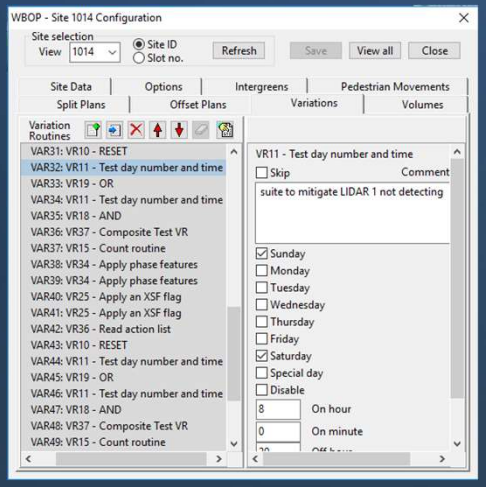
LIDAR DETECTION

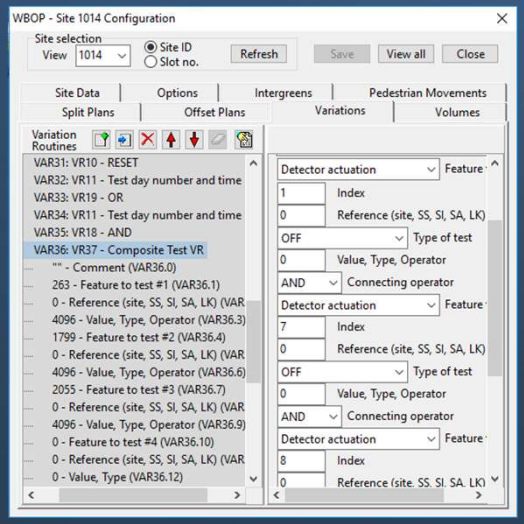
One intersection using LIDAR detection

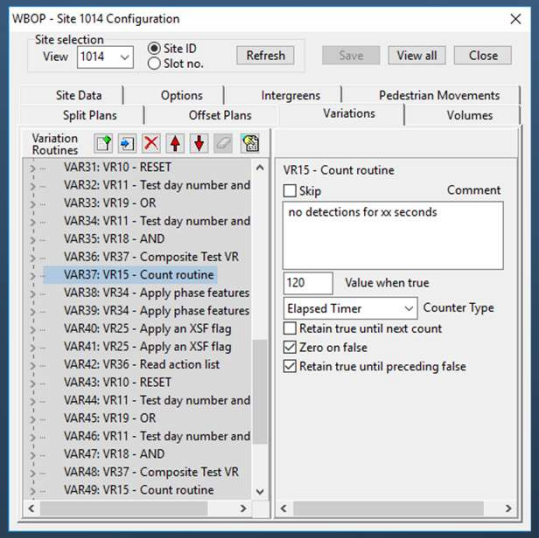
- Site was built with no infrastructure for inground loops
- Commissioned using Smartmicro Radars
- Main entrance to the Port of Tauranga
- Unable to get satisfactory operation after 18 months of trying
- **Solution** – Install an expensive bit of kit that we had never seen before
- Rolling out our second site later this year at an intersection with inground loops so we will be able to do some comparative testing

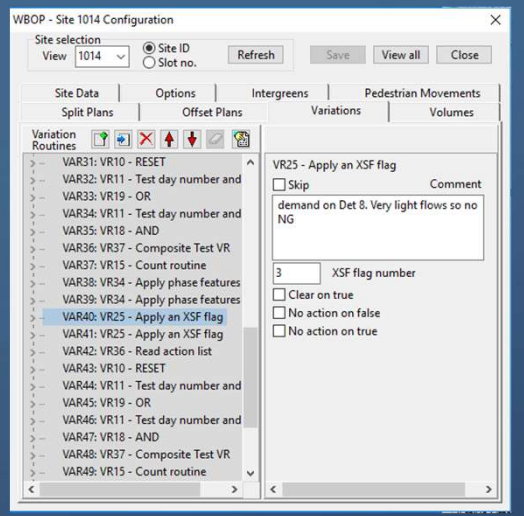

SEYOND
Dashboard
Live View
Data Insights
System
2026-05-21 22:44:23 (UTC+00:00)
viewer
Overview
POV1
SIDE
TOP
3D
fusion
LiDAR_1
LiDAR_2
PointCloud Idx:4707291 | Box Idx:5669788 2026-05-21 22:44:23

2 LIDAR Units – each detecting for two approaches. What happens if a unit dies or points to the sky?









SWARCO CONTROLLER

We’ve Got One



ELV STREET LIGHT LUMINAIRES

We've Got Three

