

Traffic Technology at Intersections

1 Dual Mode Antenna

The dual mode antenna sends traffic signal, traffic video and Bluetooth reader information back to the Roads and Traffic Operations Centre.

2 Traffic Control Signals

Red, amber and green signals to direct traffic.

3 Pedestrian Push Button

When pressed will display pedestrian signal.

4 Red Light Camera

Installed to photograph motorists running red lights.

5 Street Lights

Provides lighting during periods of low light.

6 Traffic Camera

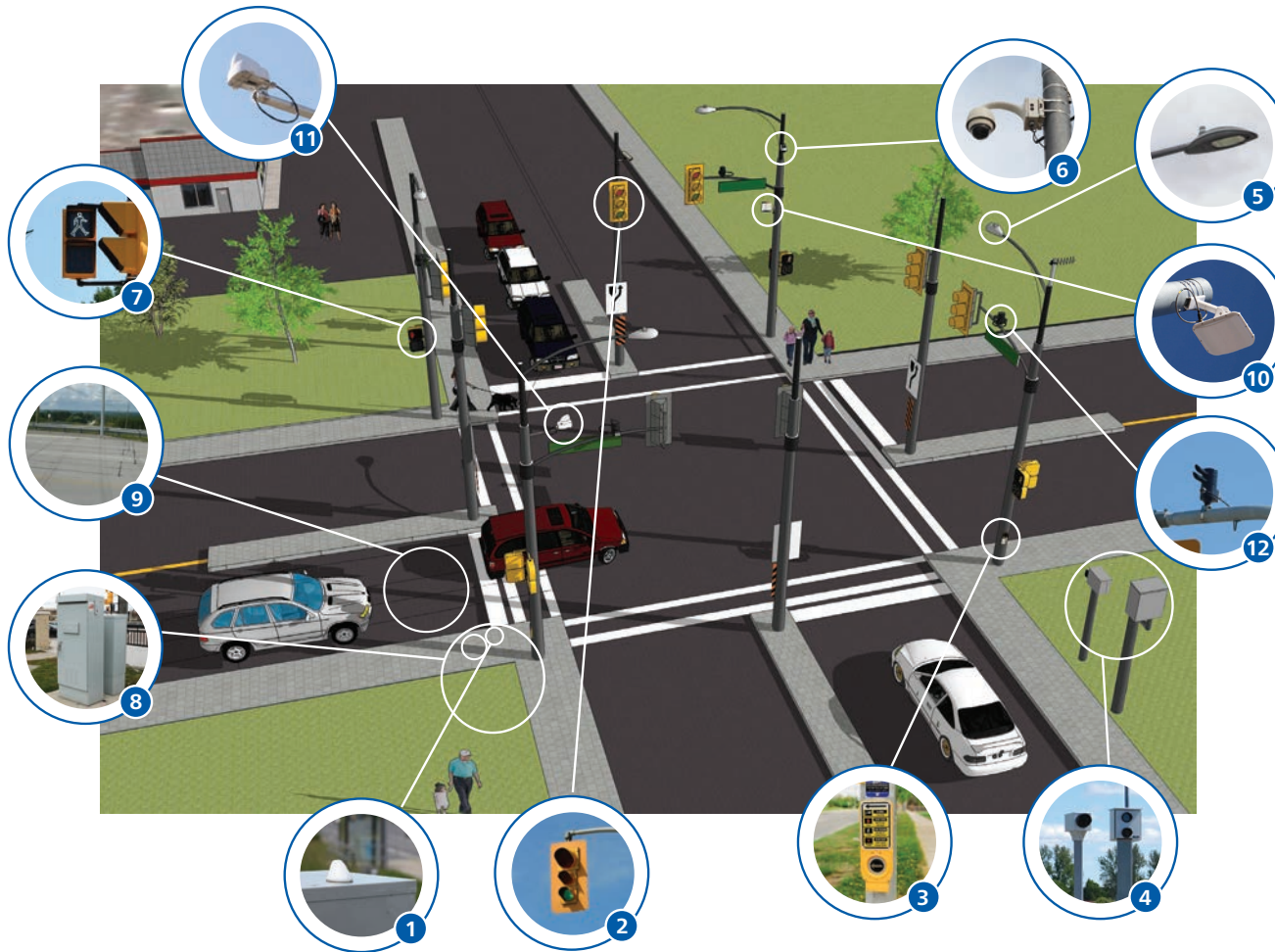
Remote video monitoring to respond to incidents. Video is not recorded, live feed only.

7 Pedestrian Signals

Pedestrian right of way is detected and displayed visually and/or audibly. The countdown shows how much time is remaining to cross the street.

8 Controller Cabinet

Cabinet that holds the traffic signal control equipment.



Vehicle Detectors

9 Ground Detection Loops

Cables embedded in the roadway to detect the presence of vehicles.

10 Radar Image Detection

Pole mounted vehicle detection using radar imaging.

Transit and Emergency Vehicle Detectors

11 Optical GPS and Radio

Detects transit vehicles using optical GPS and radio, changes the signal to provide the right of way.

12 Optical Infrared

Detects fire, ambulance and transit vehicles using optical infrared and changes the signal to provide right of way.