



Ministry of  
Transportation  
and Infrastructure

## ELECTRICAL AND TRAFFIC ENGINEERING MANUAL

Appendix 600.1

### **Camera Warrant**

# Camera Warrant

*This warrant summarizes the criteria that should be considered when installing a camera. The criteria were selected to ensure consistency in site selection so that locations provide meaningful information such as ferry or border cues, weather conditions, traffic volume or serve an operational purpose such as construction monitoring. Completed warrants must be submitted to the Camera Program Manager.*

**Location (Hwy@X):** \_\_\_\_\_ **Date:** \_\_\_\_\_

**GPS Coordinates (Decimal):** \_\_\_\_\_ **Landmark/Reference:** \_\_\_\_\_

**LKI (Optional):** \_\_\_\_\_

<b>Camera Function?</b> <i>(i.e. Road/Weather Conditions, Traffic Monitoring, Infrastructure Security, Operational Support, Construction Project, other.)</i>
<b>COMMENT(S):</b>

	Yes/ Good	Maybe/ Average	No/ Poor
<b>1 Utility power available?</b> <i>Yes – Ministry electrical infrastructure nearby (i.e. lighting, traffic signal, DMS, etc.).                      Maybe – Electrical distribution power lines nearby (note below if transformer required).                      No – Power lines are transmission, or no utility power sources nearby.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>COMMENT(S): (Obtain pole-tag numbers from utility power poles)</b>			
<b>2 Communication available?</b> <i>Yes – Ministry fibre optic or strong cellular reception signal.                      Maybe – Weak cellular reception, PSTN access, Satellite line-of-site, RF link to cellular coverage. NOTE: See Section 602, Table 1 for cellular signal strength guide.                      No – No cellular service, no satellite communications, no possible RF link to cell service.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>COMMENT(S):</b>			
<b>3 Existing Ministry infrastructure?</b> <i>Yes – Existing Ministry lighting, electrical service, suitable structure to mount camera.                      Maybe – Other Ministry infrastructure with electrical service but no lighting or suitable structure to mount on.                      No – No existing Ministry infrastructure.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>COMMENT(S):</b>			

**CAMERA WARRANT**

		Yes/ Good	Maybe/ Average	No/ Poor
<b>4</b>	<b>Field of view?</b> <i>Good – Long sight distance, illuminated area, no solar wash-out, multiple views.</i> <i>Average – Medium sight distance, illumination not adequate.</i> <i>Poor – Horizontal or vertical curve limits site distance, obstructions, solar wash-out, privacy or commercial considerations.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>COMMENT(S):</b>				
<b>5</b>	<b>Maintenance access?</b> <i>Good- Sufficient shoulder for bucket-truck access without traffic control; consider snow accumulation.</i> <i>Average –Requires single lane closure and/or flaggers.</i> <i>Poor – No access during winter, lane closure required.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>COMMENT(S):</b>				

**Sketch, Drawing, or Photo of Proposed Camera Location. Indicate view(s) of interest.**

*The following items are required in a camera design but do not affect the camera warrant:*

	Yes	No	N/A
Has the Camera Program Manager been contacted regarding the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has a Privacy Impact Assessment (PIA) been started?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has a Security Threat Risk Analysis (STRA) been started?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Warrant completed by: \_\_\_\_\_

Date: \_\_\_\_\_