

CITY OF KIRKLAND

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PRE-APPROVED PLANS POLICY

Policy R-18: PERMANENT RADAR SIGNS

BACKGROUND: Reference the Memorandum, "Permanent Radar Sign Policies" dated September 2006 to the Kirkland City Council from the Transportation Commission. This document is available on-line or from the Transportation Division of Public Works.

1. Radar signs are considered as one of the several traffic calming tools available for solving speeding problems in Kirkland.
2. Radar signs can be used on 2 or 3 lane arterials and collector streets, especially where other traffic calming devices may not be appropriate, such as streets with traffic volumes greater than 5,000 vehicles per day and on Primary Emergency Response Routes.
3. Radar signs should not be used on local streets where other traffic calming measures are applicable.
4. Each application of radar signs needs a "before and after" study with community feedback to build upon our experience of where the signs are most effective.

Power Source Determination

In order to maximize dependability and reduce ongoing maintenance cost the City prefers that permanent radar signs be installed with a direct AC power connection. There are instances where there is a need to install a radar sign but providing an AC power connection would make the location cost-prohibitive. In these cases DC (solar) powered radar signs may be used. The following criteria shall be used when determining if a DC (solar) powered radar sign is acceptable.

Table 1: Power Source Determination

Access to Power	Solar Exposure	
	Inadequate	Adequate
≤ 50'	AC	AC
> 50'	AC	DC (solar)