COLORADO DEPARTMENT OF TRANSPORTATION
PROPRIETARY ITEM – CERTIFICATIONS OR FINDING IN THE PUBLIC INTEREST (FIPI)

PROPRIETARY ITEM OR PROCESS:

Name of proprietary item or process:	Manufacturer name, address & phone No.:
All network gear from Peplink	Peplink International, Ltd. 800 West El Camino Real Mountain View, CA 94040 (650) 450-9668

JUSTIFICATION:

I hereby certify that it is in the public interest to specify the above named proprietary item or process for the following reasons: (Check all that apply)

☑ It is essential for synchronization.(Certification only)	☐ No equally suitable alternative exists (Certification only)
☐ It will be used for research or experimental purposes on short sections of road.	☐ It is in the public interest not to allow any other products even though other equally acceptable materials or products are available.

JUSTIFICATION (required). Justification consists of information that documents the reasons marked above for use of the proprietary item or process. For research or experimentation include a work plan that describes how the research or experimental feature will be used and evaluated. Attach additional pages and documentation as necessary.

Peplink Ethernet networking equipment will be used to transport data to and from signalized intersections and the Traffic Signal Shop at the R4 headquarters. Peplink supports all open Ethernet-related industry standards. The networking equipment is environmentally hardened to withstand the extreme weather conditions typically associated in an outdoor cabinet setting. Utilizing robust networking equipment for data transport will benefit the public in less downtime, thereby resulting in fewer dollars spent on deployment, troubleshooting, and maintenance. The use of a single networking equipment vendor makes it easier to stock spare parts and reduces the amount of personnel training required. Finally, R4 uses the Peplink InControl 2 network management software, which is compatible with Peplink networking equipment.

NEED FOR PROPRIETARY ITEM (Check only one):	Project Specific ☐	Region-Wide ☑	Statewide ☐
	Approved by the Resident Engineer	Approved by the Program Engineer	Approved by the Branch Manager

APPROVED BY:

Name	Title (CDOT Resident Engineer, Program Engineer, or Branch Manager)	Signature	Date
Katrina M. Kloberdanz, P.E.	PE III, Traffic		

COPIES OF FORM TO (as appropriate):

CDOT Project Engineer	CDOT Resident Engineer:
CDOT Program Engineer:	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, FIPI with draft of any required specification change):	CDOT Branch Manager

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