

COLORADO DEPARTMENT OF TRANSPORTATION

PROPRIETARY ITEM – CERTIFICATIONS OR FINDING IN THE PUBLIC INTEREST (FIPI)

INSTRUCTIONS;

A specific patented or proprietary material, specification, or process shall not be required on a contract except as permitted in Section 2.24 of the Project Development Manual (PDM). Use this form to obtain approval of the use of a proprietary feature on a project or group of projects.

PROPRIETARY ITEM OR PROCESS:

<p>Name of proprietary item or process: Wavetronix Smartsensor with Click Systems</p>	<p>Manufacturer name, address & phone No.: Wavetronix.com See local vendors</p>
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NEED FOR PROPRIETARY ITEM:

Check only one	LOCATION
<input type="checkbox"/> Project Specific (if FHWA has no interest then RE approval otherwise requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Provide Project No., Project Code, and Location:
<input type="checkbox"/> Corridor Specific (if FHWA has no interest then RE approval otherwise requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Provide Corridor Description:
<input type="checkbox"/> Region-wide(Progrm Engr approval and requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Identify CDOT Region:
<input checked="" type="checkbox"/> Statewide(Branch Mgr approval and requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	
For a corridor, region-wide, or statewide request, a Certification or FIPI will have a term of: (Check only one)	
<input checked="" type="checkbox"/> 3 Years (maximum allowable)	Specify dates of term: November 2016 to November 2019
<input type="checkbox"/> Other (specify term)	Specify dates of term:

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. (Such use must be processed through the Research Branch of DTD. Attach documentation from DTD.) (FIPI only)
- It is in the public interest not to allow any other products even though other equally acceptable materials or products are available. (FIPI only)



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.

The Colorado Department of Transportation has evaluated the Wavetronix product through the Colorado Transportation Management Center and multiple City jurisdictions. These radar detectors measure speed, traffic volumes and occupancy. The current CDOT ITS CTMS travel time and ATM system reporting are designed around the use of Wavetronix as a statewide standard. The detector has been in use with CDOT ITS for over 12 years of reliable service. The use of this system allows anyone to view traffic data on cotrip.org. The overall cost savings to the public is substantial. The savings is a result of eliminating equipment, training, maintenance and the software driver rewrite for each brand.

APPLICANT SIGNATURE

Name	Title (CDOT Resident Engineer, Program Engineer, or Branch Manager, as appropriate; see flowchart in section 2.24 of the PDM);	Signature	Date
Jill Scott	ITS Resident Engineer		11-16-16

APPROVAL SIGNATURES:

Signature 	CDOT Resident Engineer (Required on project specific or corridor FIPIs)	Date 11-17-16
Signature	CDOT Research Engineer (Required for research and experimentation FIPIs)	Date
Signature	FHWA Operations Engineer (Required for all region-wide and statewide FIPIs and FHWA oversight project level FIPIs)	Date
Signature 	CDOT Stds.&Specs. Engr. (Required for all proj.specific, corridor, region-wide & statewide Certifications)	Date 11-17-16

COPIES OF APPROVED FORM TO (as appropriate):

CDOT Project Engineer Jill Scott	CDOT Resident Engineer: Jill Scott
CDOT Program Engineer: Saeed Sobhi	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, FIPI with draft of any required specification change): Larry Brinck	CDOT Branch Manager Saeed Sobhi
FHWA Operations Engineer:	