

Proprietary Item – Certifications Or Finding In The Public Interest (Fipi)**Proprietary Item Or Process:**

Name of proprietary item or process:

Meteor Lighting SH-200 Solar LED Ground Lights

Manufacturer name, address & phone No.:

Meteor Lighting
 1300 John Reed Court, Unit B
 City of Industry, California 91745
 Phone: (213) 255-2060 / Fax: (213) 596-3704
 order@meteor-lighting.com
 www.meteor-lighting.com

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)

<input type="checkbox"/>	It is essential for synchronization.(Certification only)	<input type="checkbox"/>	No equally suitable alternative exists (Certification only)
<input checked="" type="checkbox"/>	It will be used for research or experimental purposes on short sections of road.	<input checked="" type="checkbox"/>	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.

Meteor Lighting solar powered ground lights are intended for in-ground use in pavement and will be tested for use on the vertical face of a concrete barrier. This type of application will be used for research and experimental purposes to determine if it is feasible to include in future projects where concrete barrier is being installed and additional lights can warn drivers of approaching curves. These solar powered lights have been tested for in-ground use in pavement and CDOT staff have seen the product and are familiar with it. Using these lights on this project (exit ramp from SB I-25 to WB US 6 as part of Project #25441) will provide an opportunity to evaluate the feasibility of using these lights on other projects in the future.

Need For Proprietary Item

(Check only one):

 Project Specific
 Approved by the Resident
 Engineer

 Region-Wide
 Approved by the Program
 Engineer and FHWA

 Statewide
 Approved by the Branch
 Manager and FHWA
Approved By:
 Name
 Benjamin Kiene

 Title (CDOT Resident Engineer, Program
 Engineer, or Branch Manager)
 CDOT Resident Engineer

 Signature
 Benjamin Kiene

 Date
 6/8/23
Copies Of Form To (as appropriate):

CDOT Project Engineer Azeb Seifu	CDOT Resident Engineer: Benjamin Kiene
CDOT Program Engineer: Alazar Tesfaye	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, FIPI with draft of any required specification change): Shawn YU	CDOT Branch Manager

TYPICAL INSTALLATION DETAIL FOR CONTINUOUS CONCRETE BARRIER

