

**COLORADO DEPARTMENT OF TRANSPORTATION
 PROPRIETARY ITEM – 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 8.16 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:

Name of proprietary item or process:	Manufacturer name, address & phone No.:
Uretek Deep Injection Technology	Concrete Stabilization Technologies, Inc. 8500 East Warren Avenue Denver, CO 80231 (303) 306-9099

NEED FOR PROPRIETARY ITEM:

Check only one	LOCATION
<input type="checkbox"/> Project Specific	Provide Project No., Project Code, and Location:
<input type="checkbox"/> Corridor Specific	Provide Corridor Description:
<input type="checkbox"/> Region-wide	Identify CDOT Region:
<input checked="" type="checkbox"/> Statewide	
For a corridor, region-wide, or statewide request, a finding in the public interest will have a term of: (Check only one)	
<input checked="" type="checkbox"/> 3 Years (maximum allowable)	Specify dates of term: September 1, 2017 to November 30, 2017
<input type="checkbox"/> Other (specify term)	Specify dates of term:

CERTIFICATION

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.
- No equally suitable alternative exists.
- 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.)

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.

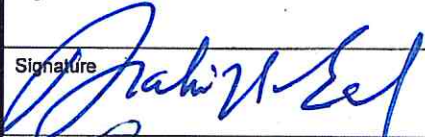

This is a renewal of a previously submitted finding. The patent is scheduled to expire in November 2017.

In rare cases, subgrade soils under the pavement become unstable or weakened which cause localized settlements or dips in the concrete or asphalt pavements near retaining walls. Uretek's patented deep injection process rectifies the poor material with minimal disturbance to the pavement and walls. This process uses expanding polymer to increase the density and stabilize the compromised subgrade soils up to a depth of 30 feet and beyond. To our knowledge, this deep injection process using polymers is the only technology available that meets our requirements

APPLICANT SIGNATURE

Name	Title (CDOT Project Engineer, Branch Manager, or Program Engineer as appropriate; see flowchart in section 8.16 of the PDM):	Signature
Bill Schiebel	Materials and Geotechnical Branch Manager	

APPROVAL SIGNATURES:

Signature	CDOT Resident Engineer (Required on project specific or corridor FIPIs)	Date
Signature	CDOT Research Engineer (Required for research and experimentation FIPIs)	Date
	FHWA Operations Engineer (Required for all region-wide and statewide FIPIs and FHWA oversight project level FIPIs)	Date 8/30/17
	Other (specify) <i>CDOT Standards & Specifications Engr.</i>	Date 8-29-17

COPIES OF APPROVED FORM TO (as appropriate):

CDOT Project Engineer:	CDOT Resident Engineer:
CDOT Program Engineer:	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, with draft of any required specification change): Larry Brinck	FHWA Operations Engineer: Dahir Egal