

# MEMORANDUM

## DEPARTMENT OF TRANSPORTATION

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**COLORADO**

Department of Transportation

Region 2

**Project No. STA 067A-039**  
**Project Code: 21254**  
**SH 67 Cripple Creek to Westcreek**

**DATE:** March 20, 2017  
**TO:** All Holders of Plans for Project No. STA 067A-039  
**SUBJECT:** Revision No. 2 (to be acknowledged in all bid proposals)

### **Bid Proposal:**

Prospective bidders not using EBS must submit their bids on the revised schedule dated March 20, 2017 or the bid will be rejected. For EBS use the Amendment posted on the CDOT web site.

### **Project Special Provisions:**

Sheet 1b: Revised Index  
Sheets 50 Bb: Revision of Section 307, 406 and 702

### **Plan Sheets:**

N/A

It is requested that you substitute the enclosed revisions in your copy of plan documents and destroy those sheets superseded by this transmittal.

The Department has delayed the bid opening 1 week for this project. Bids will be opened on March 30, 2017.

This revision is authorized by Dan Hunt, Resident Engineer.

xc: Duran, Printing Center  
Bid Plans  
Business Programs  
Constr. Contracts  
Cost Estimating  
Central Files  
D. Hunt, Resident Engineer

**COLORADO  
DEPARTMENT OF TRANSPORTATION  
PROJECT SPECIAL PROVISIONS  
SH 67 CRIPPLE CREEK TO WESTCREEK**

The 2011 Standard Specifications for Road and Bridge Construction controls construction of this project. The following special provisions supplement or modify the Standard Specifications and take precedence over the Standard Specifications and plans.

**PROJECT SPECIAL PROVISIONS**

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**REVISION OF SECTION 307, 406 AND 702  
COLD BITUMINOUS PAVEMENT (RECYCLE)**

Sections 307, 406 and 702 of the Standard Specifications are hereby revised for this project as follows:

Subsection 307.01 shall include the following:

Lime for Cold Bituminous Pavement (Recycle). This work consists of producing and furnishing lime slurry for incorporation into the Section 406 item Cold Bituminous Pavement (Recycle). The Region Materials Engineer may elect to eliminate the requirement for lime. This decision will be made after the mix design is established and submitted, and may involve the deletion of the item.

Subsection 307.02 shall include the following:

Materials for lime slurry for use in Cold Bituminous Pavement (Recycle) shall conform to the following:

**Lime:** The lime shall conform to the requirements of ASTM C 977 for quicklime, and shall be the product of a high-calcium limestone as defined by ASTM C 51. Certificates of material compliance for the lime shall be submitted to the Engineer. The lime will be sampled and tested in accordance with the CDOT Field Materials Manual.

**Slurry:** The lime slurry shall be a uniform and pumpable suspension of solids in water.

**Water:** Water used for the lime slurry shall conform to the requirements of subsection 712.01.

Subsection 307.04 shall include the following:

Production and transportation of the lime slurry for Cold Bituminous Pavement (Recycle) shall conform to the following:

**Slurry Production Equipment:** The lime slurry shall be produced with a batching tank. The batching tank shall have mechanical agitation to thoroughly mix and react the quicklime with water and to keep the slurry homogeneous and prevent settlement. The tank shall have a calibrated water meter for proper control of the amount of water. The tank shall be vented for steam to escape and shall have a thermometer to determine the temperature of the slurry. The tank shall have a manhole at the top for observation and monitoring of the slurry production process.

**Slurry Production:** Quicklime shall be added to the required amount of water to provide a uniform lime slurry having a "dry solids content" of not less than 30% by weight. Prior to loading of the tank truck or trailer, the lime slurry in the batch or holding tank shall be thoroughly mixed. The time of mixing shall be sufficient to assure good slaking of the quicklime. For each batch of slurry, the date and time of production, amount of both quicklime and water used, and lime solids content shall be recorded by the Contractor and reported to the Engineer.

**Slurry Transport:** The lime slurry shall be transported to the cold recycle operation in a tank truck or trailer having mechanical agitation to maintain a homogeneous slurry and prevent settlement. While transporting or transferring the slurry to the cold in-place recycling equipment, the slurry shall be continuously mixed.

Subsection 307.13, after the first sentence, shall include the following:

Quicklime incorporated into the Section 406 item, Cold Bituminous Pavement (Recycle), will be measured by the equivalent number of tons of Hydrated Lime, dry basis, to the nearest 0.01 ton, as calculated within this subsection.