MEMORANDUM

**DEPARTMENT OF TRANSPORTATION**

Project Development Branch

4201 East Arkansas Avenue

Denver, Colorado 80222

(303)757-9040

FAX (303)757-9868



**DATE**: April 26, 2012

**TO**: All Holders of Standard Special Provisions

**FROM**: Larry Brinck, Standards and Specifications Engineer

**SUBJECT**: Revision of Section 618, Prestressed Concrete

Effective this date, our unit is issuing a new standard special provision, Revision of Section 618, Prestressed Concrete, dated April 26, 2012. This new standard special provision is 24 pages long. It should be used in projects having prestressed concrete members, beginning with projects advertised on or after May 24, 2012. Please feel free, however, to include it projects advertised before this date.

This new standard special provision simplifies and clarifies the requirements for prestressed concrete with the following modificaitons:

1. The post-tensioning supplier is no longer required to be a Professional Engineer
2. The supplier need only be present at the beginning of the grout installation; but should be available on an as needed basis
3. Alternate anchorage shall be pre-approved before use
4. Lot testing should have been done in the previous 12 months rather than 6
5. The term “lot” has been defined so there won’t be variance in interpretation
6. Ranges for the bleed test have been referenced, and bleed tests have been reduced to one per day, rather than one per lot
7. The pumping pressure has been reduced to 75 psi to mitigate against grout bleed
8. Requirements for permanent grout caps

Those of you who keep books of Standard Special Provisions should add this new standard special provision to your file. For your convenience, we are attaching a new Index of Standard Special Provisions, which is also effective this date. In addition, you will find this and other special provisions that are being issued this date in one place in the CDOT Construction Specifications web site:

<http://www.coloradodot.info/business/designsupport/construction-specifications/2011-Specs>

Please click on the hyperlink titled “Recently Issued Special Provisions”.

LB/mrs

Attachments

Distribution: Per distribution list