



# MATERIALS BULLETIN

**Colorado Department of Transportation**  
Project Development Branch  
(for Materials & Geotechnical Branch)

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## **COC Documentation for All Admixtures in Concrete Mix Designs**

In the Quality Assurance (QA) Schedule of the 2017 (and prior) CDOT Field Materials Manual (FMM) and Owner Acceptance (OA) Schedule of the 2018 CDOT Field Materials Manual, Item 601 requires that the Contractor submit COCs for all admixtures, including air entraining agents, used in the approved concrete mix design. This requirement was overlooked and should have been deleted from the Schedule with the revision of CP 62 *Contractor Concrete Mix Design Approval Procedure* in the 2018 FMM. When CP 62 was revised, a new mix design approval process was created along with a concrete mix design Approved Products List (APL). Mix designs are submitted directly to the Concrete & Physical Properties (C&PP) Program for approval from Concrete Suppliers for inclusion on the APL. The concrete mix designs are entered into Site Manager and a scanned copy of the submitted concrete mix design, which includes the required COCs, is uploaded as an attachment. Contractors may still submit concrete mixtures directly to the Project Engineer (PE) for use on the project. The PE then submits the concrete mix for review to either the Region Materials Engineer or the C&PP Program for approval review.

When a contractor intends to use a concrete mix from the APL, the Contractor submits a request to the PE listing the concrete supplier, supplier mix ID and CDOT mix ID without any supporting documentation. The PE then requests that the C&PP program assign the concrete mix to the project after verifying that the concrete mix meets project specifications, specifically any Project Special Provisions. When using this process, the Contractor does not receive COCs, CTRs or trial mix properties from the concrete supplier. This makes it difficult for the Contractor to track down this documentation to satisfy the requirements of the OA Schedule to submit to the CDOT Finals Engineer.

By issuance of this Materials Bulletin, the requirement in Item 601 requiring the submittal and documentation of COCs for concrete admixtures by the Project is deleted from the 2018, and prior, CDOT Field Materials Manuals.

The 2019 CDOT Field Materials Manual will delete the requirement for COC documentation of concrete admixtures by the project in Item 601 of the OA Schedule.