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| REVIEW OF NEW SPECIFICATION OR SPECIFICATION CHANGE  | **Log No.**  401-71 |
| **Specification Section No.:** 401 | **Item:** Compaction Pavement Test Section |
| **Originating Office:** Region 6 | **By:** Masoud Ghaeli |
| **Date Sent For Review:** September 3, 2010 | **Date Comments Due: October1, 2010** |
| Please submit response to: STANDARDS AND SPECIFICATIONS UNIT, ROOM 290, HEADQUARTERS, DENVER |
| **Reviewer** | **Concurrent Reviews – Others Commenting** | The attached Draft Specification is submitted for your review and comments. If not returned by Date Comments Due, the draft specification will be considered to be approved unless the Specification Unit of Staff Design [(303) 757-9474, (303) 757-9402] is advised otherwise.**REMARKS:** If these proposed modifications are approved, it will result in the issuance of a revised version of this standard special provision. |
|  | **Spec Committee Members:** |  |
|  | Chairman: Wassenaar | X |
|  | Region 1: Cox | **X** |
|  | Region 2: Burch | **X** |
|  | Region 3: Alexander | **X** |
|  | Region 4: Frieler | **X** |
|  | Region 5: Beller | **X** |
|  | Region 6: Koenig | **X** |
|  | Project Development: Lacey | **X** |
|  | Specifications: Brinck | **X** |
|  | Bridge: Hasan | **X** |
|  | Agreements: Wassenaar | **X** |
|  | Materials: Zufall | **X** |
|  | Traffic Engineering: Matthews | **X** | REVIEWER COMMENTS:( ) Approved ( ) Disapproved ( ) ModifiedIf disapproved or modified, give reason why and show any modifications on the attached draft copy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ Name/Signature Date |
|  | Maintenance: Mueller | **X** |
|  | FHWA: Urban | **X** |
|  | Attorney General: Spear | **X** |
|  | Attorney General: Morrow | **X** |
|  |  |  |
|  | **Others:** |  |
|  | Colorado Contractors Assoc.: Moody | **X** |
|  |  |  |
|  | **Technical Committees:** |  |
|  | Bridge |  |
|  | Culvert |  |
|  | Joint Co-op, CCA/CDOT |  |

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| SUBMITTAL OF NEW SPECIFICATION OR SPECIFICATION CHANGE  | **Log No. 401-71**(Assigned by Specification Unit) |
| **T0:** Standards & Specs Unit, Room 290 | **FROM**:  | Name: Masoud Ghaeli |
| Region, Branch, or Technical Committee: Region 6 |
| **SPECIFICATION SECTION NO.****401-71** | ITEMCompaction Pavement Test Section | PRIORITYRoutine [ X ] Fast [ ] |
| **Reason for this new or changed specification:**Stone Matrix asphalt (SMA) task force committee was jointly established with the industry to clarify specification requirements on (SMA) projects for uniformity in application.As a result of the task force, below specifications were revised to address the following issues:- To clarify specification requirements on stone matrix asphalt (SMA) projects for uniformity in application.- Mix design adjustments- Density Targets- Compaction Test Section |
| **New or Revised Specification:**1. Revision of Section 401, Compaction of Hot Mix Asphalt. 2. Revision of Section 401, Compaction Pavement Test Section (CTS). . 3. Revision of Section 401, Temperature Segregation. 4. Revision of Section 401 and 703, Stone Matrix Asphalt pavement. 5. Creation of new Standard Special Provision, Section 703, Mineral Filler 6. Creation of a new Standard Special Provision, Revision of Section 620, Field Office. |
| **NOTE: See Procedural Directive 513.1 for a description of appropriate specification development procedures.** |

October 19, 2006

REVISION OF SECTION 401

COMPACTION PAVEMENT TEST SECTION (CTS)

Section 401 of the Standard Specifications is hereby revised for this project as follows:

In subsection 401.17, delete the fourteenth paragraph and replace with the following:

Two sets of random cores shall be taken within the last 200 tons of the CTS. Each set shall consist of a minimum of seven random corings. The Engineer will determine the coring locations using a stratified random sampling process. The locations of these cores will be such that one set can serve as a duplicate of the other. One set of these cores shall be immediately submitted to the Engineer. This set will be used for determining acceptance of the CTS and determining density correction factors for nuclear density equipment. Densities of the random samples will be determined by cores according to CP 44. Density correction factors for nuclear density equipment will be determined according to CP 81. Coring shall be performed under CDOT observation. Coring will not be measured and paid for separately but shall be included in the work. For SMA, a CTS is not used. The Contractor shall follow the requirements for the demonstration control strip in accordance with the Revision of Section 403, Stone Matrix Asphalt Pavement.