SSP Index 11-01-2012

[For 2011 Spec Book]

COLORADO

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS

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STANDARD SPECIAL PROVISIONS

**Date No. of Pages**

Revision of Section 103 – Colorado Resident Bid Preference (February 3, 2011) 1

*Projects funded without federal aid.*

Revision of Section 103 – Escrow of Proposal Documentation (May 5, 2011) 2

*Use sparingly on projects approved by the Region Program Engineer that meet the following criteria:*

*(1) Project with contract amount greater than $3 million; or*

*(2) complex project that has one or more of the following elements:*

*A. tunneling work*

*B. overlap of or proximity to projects that could result in conflicting construction schedules / delays*

*C. complex state of the art structures*

*D. high risk of encountering unknown hazardous materials*

*E. other government or private agency involvement and there is a good possibility that the entity will request major changes to the Contract.*

Revision of Section 105 – Construction Drawings (July 29, 2011) 1

*Projects where construction drawings maintained by the Contractor are not required.*

Revision of Section 105 – Contractor Submittals Traffic Signal Pedestal Pole (February 3, 2011) 1

*Projects having traffic signal pedestal poles.*

Revision of Section 105 – Disputes and Claims for Contract Adjustments (Oct. 27, 2011) 23

*Use in all Design-Bid-Build projects and Modified Design/Build projects. Use in Design/Build projects unless your modified version of the SSP is approved by the Standards & Specifications Unit. If a standing DRB is required for the project, add the following General Note to the Plans: “There shall be a Standing Disputes Review Board for this Project." A standing DRB should be called for on the following types of projects:*

1. *Large projects (greater than $15 million)*
2. *Projects with complex construction*
3. *Projects with large complex structures*
4. *Projects with multi-phase construction*
5. *Projects with major impacts to traffic*
6. *Projects with other complicating factors that could easily lead to disputes*

*On projects that require a standing DRB, establish a planned force account item to cover the ongoing costs of the DRB.*

Revision of Section 105 – Hot Mix Asphalt Pavement Smoothness (April 26, 2012) 7

*Projects having Hot Mix Asphalt.*

*Note: This specification requires a Force Account item for incentive* *payment.*

Revision of Section 105 – Portland Cement Concrete Pavement Smoothness (April 26, 2012) 1

*Projects having Portland Cement Concrete Pavement (PCCP).*

*Note: This specification requires a Force Account item for incentive* *payment.*

Revision of Section 105 – Violation of Working Time Limitation (February 3, 2011) 1

*Projects that have a working time limitation specified in the project special provisions.*

Revision of Sections 105 and 106 – Conformity to the Contract of Hot Mix Asphalt (February 3, 2011) 7

(Less than 5000 Tons)

*Projects with less than 5000 tons of HMA, as determined by the Region Materials Engineer.*

*Note: This specification requires a Force Account item for incentive* *payment.*

Revision of Sections 105 and 106 – Conformity to the Contract of Hot Mix Asphalt (Sept. 29, 2011) 9

(Less than 5000 Tons with Volumetric Verification)

*Projects with less than 5000 tons of HMA, as determined by the Region Materials Engineer.*

*Note: This specification requires a Force Account item for incentive* *payment.*

Revision of Sections 105 and 106 – Conformity to the Contract of Hot Mix Asphalt (February 3, 2011) 10

(Voids Acceptance)

Projects with 5000 or more tons of HMA when acceptance is based on asphalt content, voids in the mineral aggregate, air voids, and in-place density.

Note: This specification requires a Force Account item for incentive payment.

Revision of Sections 105, 106, 412 and 601 – Conformity to the Contract of Portland (April 26, 2012) 13

Cement Concrete Pavement And Dowel Bars for Transverse Weakened Plane Joints

*Projects having portland cement concrete pavement (PCCP).*

*Note: This specification requires a Force Account item for incentive* *payment.*

Revision of Section 106 – Certificates of Compliance and Certified Test Reports (February 3, 2011) 1

*All projects.*

Revision of Section 106 – Hot Mix Asphalt – Verification Testing (July 29, 2011) 2

*Projects having more than 5000 tons of Hot Mix Asphalt (HMA) when acceptance*

*is based on gradation, asphalt content, and in-place density.*

Revision of Sections 106 and 601 - Optimized Portland Cement Concrete Pavement Mix (July 19, 2012) 3

*Projects having PCCP when flexural strength is specified.*

Revision of Sections 106, 627 and 713 - Glass Beads for Pavement Marking (April 26, 2012) 2

*Projects having pavement marking with glass beads.*

Revision of Section 107 - Responsibility for Damage Claims, (February 3, 2011) 1

Insurance Types, and Coverage Limits

*All projects.*

Revision of Section 107 – Transfer of Stormwater Permit to the Contractor (April 26, 2012) 1

*Projects having a Colorado Discharge Permit System (CDPS) Stormwater Construction Permit (SCP) in which the Resident Engineer chooses to have the Contractor hold the permit during construction.*

Revision of Sections 107 and 208 – Water Quality Control, Under One

Acre of Disturbance (February 3, 2011) 3

*Projects not having a Colorado Discharge Permit System (CDPS) Stormwater*

*Construction Permit (SCP) [Projects with less than one acre of disturbance].*

Revision of Section 108 - Critical Path Method (August 19, 2011) 1

*All projects.*

Revision of Section 108 – Liquidated Damages (Dec. 29, 2011) 1

*All projects.*

Revision of Section 109 – Asphalt Cement Cost Adjustment (Sept. 29, 2011) 2

(Asphalt Cement Included in the Work)

*Projects with items 403 Hot Mix Asphalt and/or 403 Stone Matrix Asphalt*

*in which the cost of Asphalt Cement (AC) is included in the work.*

*Note: This specification requires a Force Account item.*

Revision of Section 109 – Asphalt Cement Cost Adjustment (February 3, 2011) 2

(Asphalt Cement Paid Separately)

*Projects having pay item 411 - Asphalt Cement.*

*Note: This specification requires a Force Account item.*

Revision of Section 109 - Compensation for Compensable Delays (May 5, 2011) 1

*All projects.*

Revision of Section 109 – Fuel Cost Adjustment (February 3, 2011) 2

*All projects.*

Note: This specification requires a Force Account item.

Revision of Section 109 – Measurement of Quantities (February 3, 2011) 1

*All projects.*

Revision of Section 109 – Measurement of Water (January 06, 2012) 1

*All projects.*

Revision of Section 203 – Imported Material for Embankment (February 3, 2011) 2

*Projects* *having imported material as embankment for pipes.*

Revision of Sections 203, 206, 304 and 613 - Compaction (July 19, 2012) 2

*Projects having 203, 206, 304 and 613.*

Revision of Section 206 – Imported Material for Structure Backfill (July 19, 2012) 2

*Projects* *having imported material for structure backfill.*

Revision of Section 206 – Structure Backfill (Flow-Fill) (April 26, 2012) 2

*Projects having Structure Backfill.*

Revision of Sections 206 and 601 – Backfilling Structures that Support (July 29, 2011) 1

Lateral Earth Pressures

*Projects* *having backfill for structures that support lateral earth pressures.*

Revision of Section 212 – Seed (April 26, 2012) 1

*Projects having seed.*

Revision of Section 250 – Environmental, Health and Safety Management (July 19, 2012) 1

*All projects.*

Revision of Sections 304 and 703 – Aggregate Base Course (RAP) (April 26, 2012) 1

*Projects having reclaimed asphalt pavement (RAP) as aggregate base*

*course (ABC).*

Revision of Section 401 – Compaction of Hot Mix Asphalt (April 26, 2012) 1

*Projects having any type of HMA.*

Revision of Section 401 – Compaction Pavement Test Section (CTS) (July 19, 2012) 1

Projects having any type of HMA.

Revision of Section 401 – Composition of Mixtures – Voids Acceptance (February 3, 2011) 1

Projects having voids acceptance of hot mix asphalt.

Revision of Section 401 – Plant Mix Pavements (February 3, 2011) 1

*Projects as determined by the Region.*

Revision of Section 401 – Reclaimed Asphalt Pavement (February 3, 2011) 2

*Projects with voids acceptance of hot mix asphalt, and on any other projects*

*as determined by the Region Materials Engineer.*

Revision of Section 401 – Reclaimed Asphalt Shingles (April 26, 2012) 3

*Projects with voids acceptance of hot mix asphalt, and on any other projects*

*as determined by the Region Materials Engineer.*

Revision of Section 401 – Temperature Segregation (February 3, 2011) 1

*Projects having Hot Mix Asphalt.*

Revision of Section 401 – Tolerances for Hot Mix Asphalt (Voids Acceptance) (January 06, 2012) 1

Projects having hot bituminous pavement when acceptance is based on asphalt content, voids in the mineral aggregate, air voids, and in-place density.

Revision of Section 401 and 412 – Safety Edge (Sept. 23, 2011) 2

Projects having any type of roadway pavement.

Revision of Sections 412 – Portland Cement Concrete Pavement Finishing (February 3, 2011) 1

Projects having portland cement concrete pavement.

Revision of Sections 412, 601, and 711 - Liquid Membrane-Forming (May 5, 2011) 1  
Compounds for Curing Concrete

*Projects having any type of concrete construction.*

Revision of Sections 412 and 705 – Preformed Compression Seals (February 3, 2011) 2

Projects where it is necessary to use preformed compression seals in lieu of silicone sealant in concrete pavement joints, such as projects with fast track concrete.

Revision of Sections 412 and 709 - Tie Bars (July 19, 2012) 1

*Projects having PCCP.*

Revision of Section 504 – Concrete Block Facing MSE Wall (February 3, 2011) 13

*Projects having concrete block facing MSE walls.* *Hybrid walls will be permitted,*

*unless otherwise stated by the Designer in the General Notes for the MSE Wall*

*Work Sheets.*

Revision of Section 504 – Concrete Panel Facing MSE Wall (February 3, 2011) 12

*Projects having concrete panel facing MSE walls. Hybrid walls will be permitted,*

*unless otherwise stated by the Designer in the General Notes for the MSE Wall*

*Work Sheets.*

Revision of Section 510 – Structural Plate Structures (February 3, 2011) 1

*Projects having steel or aluminum plate structures.*

Revision of Section 601 – Class H and HT Bridge Deck Concrete (Dec. 29, 2011) 5

*Projects having* *Class H or HT concrete.*

Revision of Section 601 – Concrete Batching (February 3, 2011) 1

*Projects having* *any type of concrete construction.*

Revision of Section 601 – Concrete Finishing (February 3, 2011) 1

*Projects having* *any type of concrete construction.*

Revision of Section 601 – Concrete Form and Falsework Removal (July 28, 2011) 2

*Projects having* *any type of concrete construction.*

Revision of Section 601 – Concrete Slump Acceptance (July 29, 2011) 1

*Projects having* *any type of concrete construction.*

Revision of Sections 603, 624 and 705 – Drainage Pipe (April 26, 2012) 2

*Projects having culvert pipe.*

Revision of Section 612 – Delineators (February 3, 2011) 1

*Projects having* *delineators.*

Revision of Section 612 – Flexible Delineators (July 19, 2012) 1

*Projects having* *flexible delineators.*

Revision of Section 614 – Accessible Pedestrian Signal (November 1, 2012) 3

*Projects having accessible pedestrian signals.*

Revision of Section 614 – Blank Out Sign (LED) (Speed Radar) (Dec. 29, 2011) 6

*Projects having blank out signs, with speed radar capability.*

Revision of Section 614 – Pedestrian Push Button Assembly (July 19, 2012) 1

*Projects having post mounted pedestrian push buttons.*

Revision of Section 618 – Prestressed Concrete (April 26, 2012) 24

*Projects having prestressed concrete members.*

Revision of Section 620 – Field Laboratories with Forced Air Convection Oven (February 3, 2011) 1

*Projects which reference the 2006 M&S Standard Plans, which have 5000 or more tons of HMA and require a field lab with a forced air convection oven to be furnished by the Contractor.*

Revision of Section 620 – Field Laboratories with Ignition Furnace (February 3, 2011) 1

*Projects having Stone Matrix Asphalt (SMA).*

Revision of Section 627 and 708 – Pavement Marking with Waterborne Paint  
and Low VOC Solvent Base Paint (February 3, 2011) 1

*Projects having pavement marking paint.*

Revision of Section 630 – Construction Zone Traffic Control (February 17, 2012) 1

*All projects.*

Revision of Section 630 - Emergency Pull-off Area (Temporary) (May 5, 2011) 1

*Projects having temporary emergency pull-off areas during construction.*

Revision of Section 630 – Mobile Pavement Marking Zone (Group 1 without Attenuator) (February 3, 2012) 1

*Use this special provision in long striping projects having a mobile pavement marking zone in which a truck mounted impact attenuator is not required for Group 1 (roadways having AADT less than 2000).*

*The use of the lump sum item is generally used in longer or region-wide projects. The day pay item is generally used in smaller projects.*

Revision of Section 630 – Retroreflective Sheeting (February 3, 2011) 1

*All projects advertised prior to January 1, 2014 on which the Designer has determined that roll-up construction signs will not be allowed. Cease using this standard special provision on projects advertised after January 1, 2014.*

Revision Of Section 630 – Retroreflective Sheeting (With Type VI Sheeting) (February 3, 2011) 1

*Projects in which the Engineer has determined that roll-up construction signs will be allowed.*

Revision of Section 630 – Retroreflective Sign Sheeting (February 3, 2011) 1

*All projects advertised prior to January 1, 2014. Cease using this standard special provision on projects advertised after January 1, 2014.*

Revision of Section 630 - Rolling Roadblock (November 1, 2012) 2

*Projects having rolling roadblocks.*

Revision of Section 630 - Temporary Portable Rumble Strip (May 5, 2011) 1

*Projects when the Region Traffic Engineer recommends the use of temporary rumble strips for construction traffic control.*

Revision of Sections 702 – Hot Poured Joint and Crack Sealant (Sept. 29, 2011) 1

*Projects having hot poured joint and crack sealant.*

Revision of Section 703 – Aggregate for Hot Mix Asphalt (November 1, 2012) 2

*Projects having Hot Mix Asphalt (HMA).*

Revision of Section 703 – Aggregate for Stone Matrix Asphalt (April 26, 2012) 1

*Projects having stone matrix asphalt (SMA).*

Revision of Section 703 – Concrete Aggregate (July 28, 2011) 1

*Projects having* *any type of concrete construction.*

Revision of Section 703 – Mineral Filler (February 3, 2011) 1

*Projects having stone matrix asphalt (SMA).*

Revision of Section 712 – Geotextiles (November 1, 2012) 2

*Projects having having geotextiles or geosynthetics.*

Revision of Section 712 – Water for Mixing or Curing Concrete (February 3, 2011) 1

*Projects having any type of concrete construction.*

Affirmative Action Requirements – Equal Employment Opportunity (February 3, 2011) 10

*All projects.*

Disadvantaged Business Enterprise – Definitions and Requirements (February 3, 2011) 14

*All projects.*

FASTER Monthly Employment Report (February 3, 2011) 1

*Projects that are in part or wholly funded by the Funding Advancements for Surface Transportation and Economic Recovery (FASTER) legislation.*

Minimum Wages Colorado, (August 10, 2012) 56

U.S. Department of Labor General Decision Numbers CO100016 thru CO100024,

MOD 4, Highway Construction, Statewide

*All federal-aid projects with contracts exceeding $2000, except for non-ARRA projects on roadways classified as local roads or rural minor collectors, which are exempt. Projects on local roads, rural minor collectors, and enhancement projects funded with ARRA funds are not exempt.*

On the Job Training (July 29, 2011) 3

*Use in all Federal-aid projects.*

*Funding shall be included for the number of hours of OJT Training that is required as a separate force account. Please contact the Region EO Office for details.*

Partnering Program (February 3, 2011) 1

*All projects.*

Note: This specification requires a Force Account item for partnering cost.

Railroad Insurance (February 3, 2011) 1

*Projects that require railroad insurance.*

Required Contract Provisions – Federal-Aid Construction Contracts (July 19, 2012) 14

*Federal aid projects.*

Special Construction Requirements, Fire Protection Plan (November 1, 2012) 2

*Used in all projects, except those that are in urban areas or located along irrigated farmlands, as determined*

*by the Resident Engineer.*

INSTRUCTIONS TO DESIGNERS (delete these instructions and the instructions that follow each listed standard special provision from the final draft):

♦ Type in the project location here.

The above is a complete list of standard special provisions. Each standard special provision is followed by an instruction on its appropriate use. Each instruction can be interpreted by the words “Use on…”. (For

example: “Use on All projects”.) For complete instructions on the use of a standard special provision, refer to the transmittal letter with the same date as the standard special provision. Use only those standard special provisions applicable to the project. Delete from the final draft the listings of standard special provisions which do not apply to the project.