SSP Index 03-27-19

[For 2017 Spec Book]

COLORADO

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS

♦

STANDARD SPECIAL PROVISIONS

**No.**

**Name Date of Pages**

Revision of Section 103 – Colorado Resident Bid Preference (July 3, 2017) 1

*Projects funded without federal aid.*

Revision of Section 103 – Consideration of Proposals (July 3, 2017) 1

*All projects.*

Revision of Section 103 – Escrow of Proposal Documentation (July 3, 2017) 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 – Conformity to the Contract of (July 3, 2017) 1

Portland Cement Concrete Pavement

*Projects with Portland Cement Concrete Pavement*

Revision of Section 105 – Construction Drawings (July 3, 2017) 1

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

Revision of Section 105 – Disputes and Claims for Contract Adjustments (Dec. 7, 2017) 32

## *Use in all Design-Bid-Build, Streamlined Design/Build, and CMGC 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 Sections 105 and 106 – Conformity to the Contract of Hot Mix Asphalt (Dec. 28, 2017) 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 and 412 – Pavement Smoothness (March 5, 2019) 7

*Projects having new pavement.*

Revision of Sections 105, 412, and 601 – Flexural Strength (Dec. 12, 2018) 1

of Portland Cement Concrete Pavement

*Projects that utilize flexural strength for acceptance of Portland Cement Concrete Pavement.*

Revision of Section 106 – Buy America Requirements – Non-Federal Aid (July 3, 2017) 1

*Projects which have no federal funding.*

Revision of Section 106 – Conformity to the Contract of Hot Mix Asphalt (Dec. 28, 2017) 3

(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 Section 106 – Conformity to the Contract of Hot Mix Asphalt (Dec. 28, 2017) 4

(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 Section 106 – Country of Origin (July 3, 2017) 1

*Projects which are solely State funded and have budgets greater than $500,000.*

Revision of Section 106 – Supplier List (July 3, 2017) 1

*All projects.*

Revision of Sections 106 and 601 – Concrete Test Reports (January 7, 2019) 1

*Projects having concrete.*

Revision of Section 107 – Laws to be Observed (October 12, 2017) 1

*All projects.*

Revision of Section 107 – Water Quality Control (March 27, 2019) 4

*Projects involving use of the Colorado Discharge Permit System - Stormwater Construction Permit (COR400000).*

Revision of Sections 107 and 208 – Water Quality Control under One Acre (November 2, 2017) 4

of Disturbance

*Projects determined by the Region Environmental Staff as having low potential water quality risk and also anticipating less than one acre of disturbance (not requiring a Colorado Discharge Permit System (CDPS) Stormwater Construction Permit (SCP)).*

Revision of Section 108 – Determination and Extension of Contract Time (February 4, 2019) 1

*All projects.*

Revision of Section 108 – Liquidated Damages (July 20, 2017) 1

*All projects.*

Revision of Section 108 - Payment Schedule (Single Fiscal Year) (July 3, 2017) 1

*Projects which are expected to be completed in a single State fiscal year.*

Revision of Section 108 - Project Schedule (February 4, 2019) 6

*All projects.*

Revision of Section 108 – Subletting of Contract (October 12, 2017) 1

*All projects.*

Revision of Section 109 – Asphalt Cement Cost Adjustment (July 3, 2017) 2

(Asphalt Cement Paid Separately)

*Projects having pay item 411 - Asphalt Cement.*

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

Revision of Section 109 – Prompt Payment (Local Agency) (July 3, 2017) 2

*All local agency projects.*

Revision of Section 206 – Removability Modulus (October 12, 2017) 1

*Projects having structure backfill.*

Revision of Section 206 – Shoring (July 20, 2017) 3

*Projects* *having shoring.*

Revision of Sections 206 and 703 – Structure Backfill (Flow-Fill) (Dec. 28, 2017) 1

*Projects having Structure Backfill. The Designer shall determine the locations of Structure Backfill (Flow-Fill) which will require future excavation for utility work or other related work. These locations shall be shown on the plans.*

Revision of Section 208 – Erosion Control (July 3, 2017) 1

*Projects with anticipated disturbance of under one acre.*

Revision of Section 208 – Erosion Control (March 27, 2019) 29

*Projects involving use of the Colorado Discharge Permit System - Stormwater Construction Permit (COR400000).*

Revision of Section 213 – Mulching (April 25, 2018) 1

*Projects having mulching.*

Revision of Section 250 – Environmental, Health and Safety Management (July 3, 2017) 3

*All projects. The Designer shall indicate on the plans whether asbestos is present or is suspected to be present.*

Revision of Section 401 – Composition of Mixtures – Voids Acceptance (July 3, 2017) 1

Projects having voids acceptance of hot mix asphalt.

Revision of Section 401 – Plant Mix Pavements (July 3, 2017) 1

*Projects as determined by the Region.*

Revision of Section 401 – Reclaimed Asphalt Pavement (July 3, 2017) 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 – Tolerances for Hot Mix Asphalt (Voids Acceptance) (July 3, 2017) 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 412 – Dowel Bars for Joints (Dec. 12, 2018) 1

Projects having concrete pavement.

Revision of Sections 412 and 705 – Preformed Compression Seals (July 3, 2017) 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 Section 502 – Piling (Dec. 19, 2018) 9

Projects having steel piling.

Revision of Sections 503 and 601 – Drilled Shafts (January 8, 2019) 14

Projects having drilled shafts.

Revision of Section 504 – Concrete Block Facing MSE Walls (June 12, 2018) 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 Walls (June 12, 2018) 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 Sections 504 and 641 – Soil Nail Wall (Dec. 28, 2017) 12

Projects having a soil nail wall.

Revision of Sections 508, 614 and 710 - Treated Timber (April 25, 2018) 1

Projects having treated timber.

Revision of Section 518 – Polyester Concrete End Dam (Dec. 28, 2017) 7

Projects having polyester concrete end dams.

Revision of Section 601 – Class G Concrete (Nov. 8, 2018) 1

Projects where Class G shall be used to replace Class D concrete on all elements of new bridge structures. Do not substitute Class BZ or S concrete with Class G concrete.

Revision of Section 601 – Cold Weather Placement and Curing of Bridge Decks (March 25, 2019) 1

Projects having structural concrete.

Revision of Section 601 – Self Consolidating Concrete (Nov. 7, 2018) 2

Projects having any type of concrete construction.

Revision of Sections 601, 701 and 711 – Structural Concrete (Nov. 8, 2018) 3

Projects with structural concrete.

Revision of Section 606 – Guardrail (July 17, 2018) 4

Projects having guardrail.

Revision of Section 612 – Flexible Delineators (July 3, 2017) 1

*Projects having* *flexible delineators.*

Revision of Section 614 – Accessible Pedestrian Signal (July 3, 2017) 3

*Projects having accessible pedestrian signals.*

Revision of Section 614 – Blank Out Sign (LED) (Speed Radar) (July 3, 2017) 5

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

Revision of Section 614 – Mask Signs (May 24, 2018) 1

*Projects having mask signs.*

Revision of Section 618 – Prestressed Concrete (Dec. 13, 2018) 6

*Projects having prestressed concrete.*

Revision of Section 620 – Field Laboratories with Ignition Furnace (July 3, 2017) 1

*Projects having Stone Matrix Asphalt (SMA).*

Revision of Section 625 – Construction Surveying (July 3, 2017) 1

*Projects when 3D modeling data in electronic format is available as stated in the Project Special Provision Worksheet, “Revision of Section 102, Project Plans and Other Data”.*

Revision of Section 630 – Mobile Pavement Marking Zone (July 3, 2017) 1

(Group 1 without Attenuator)

*Use this special provision on 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 lump sum item is generally used on longer or region-wide projects. The day pay item is generally used on smaller projects.*

Revision of Section 630 - Rolling Roadblock (July 3, 2017) 2

*Projects having rolling roadblocks.*

Revision of Section 703 - Aggregate for Bases (RAP Allowed) (July 3, 2017) 1

*Projects which allow recycled asphalt pavement (RAP) to be incorporated into the aggregate base course mix.* *The Designer should contact the Region Materials Engineer (RME) to determine use.*

Revision of Section 703 - Classification for Aggregate Base Course (October 12, 2017) 1

*Projects having aggregate base course.*

Revision of Section 706 - Concrete and Clay Pipe (May 1, 2018) 1

*Projects having reinforced concrete pipe end sections.*

Affirmative Action Requirements – Equal Employment Opportunity (July 3, 2017) 10

*All projects.*

Disadvantaged Business Enterprise (DBE) Requirements (July 3, 2017) 6

*Required on all partially or wholly funded Federal-Aid Design-Bid-Build projects, except local agency projects. This should be used in conjunction with the revised project special provision worksheet, "Disadvantaged Business Enterprise (DBE) Contract Goal”.*

Disadvantaged Business Enterprise (DBE) Requirements (Local Agency) (July 3, 2017) 9

*Required on all partially or wholly funded Local Agency administered Federal-Aid Design-Bid-Build projects.*

*This should be used in conjunction with the revised project special provision worksheet, “Disadvantage Business Enterprise (DBE) Contract Goal”.*

Minimum Wages, Colorado, (January 4, 2019) 10

U.S. Department of Labor General Decision Number CO190006

Highway Construction for Adams, Arapahoe, Broomfield, Clear Creek, Elbert, Gilpin, Jefferson, and Park counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 4

U.S. Department of Labor General Decision Number CO190007

Highway Construction for Boulder county.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 6

U.S. Department of Labor General Decision Number CO190008

Highway Construction for El Paso, Pueblo, and Teller counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 7

U.S. Department of Labor General Decision Number CO190009

Highway Construction for Denver and Douglas counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 5

U.S. Department of Labor General Decision Number CO190010

Highway Construction for Baca, Bent, Costilla, Crowley, Huerfano, Kiowa, Las Animas, Otero, and Prowers counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 6

U.S. Department of Labor General Decision Number CO190011

Highway Construction for Cheyenne, Kit Carson, Lincoln, Logan, Morgan, Phillips, Sedgwick, Washington, and Yuma counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 9

U.S. Department of Labor General Decision Number CO190012

Highway Construction for Alamosa, Archuleta, Chaffee, Conejos, Custer, Delta, Dolores, Fremont, Gunnison, Hinsdale, La Plata, Mineral, Montezuma, Montrose, Ouray, Rio Grande, Saguache, San Juan, and San Miguel counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 8

U.S. Department of Labor General Decision Number CO190013

Highway Construction for Eagle, Garfield, Grand, Jackson, Lake, Moffat, Pitkin, Rio Blanco, Routt, and Summit counties.

*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.*

Minimum Wages, Colorado, (January 4, 2019) 7

U.S. Department of Labor General Decision Number CO190014

Highway Construction for Larimer, Mesa, and Weld counties.

*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 (August 28, 2018) 4

*Use on all Federal-aid projects, including local agency projects, except for local agency projects where the local agency will not use LCPtracker for reporting.*

*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.*

On the Job Training - Local Agency Projects Not Using LCPtracker For Reporting (August 28, 2018) 3

Use on all Federal-aid local agency projects where the local agency will not use LCPtracker for reporting*.*

*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.*

Project First Program (Dec. 3, 2018) 2

*Use on all projects with an Engineer’s Estimate over $1 Million. It is optional for smaller projects.*

Note: This specification requires a Force Account item to pay for CDOT’s share of meeting facilitation costs.

Railroad Insurance (July 3, 2017) 1

*Projects that require railroad insurance.*

Required Contract Provisions – Federal-Aid Construction Contracts (July 3, 2017) 14

*Use this standard special provision on federal aid projects advertised on or after January 1, 2017. Designers may use it on projects advertised before this date with the approval of Monica Vialpando, Labor and Contract Compliance Specialist, 720-668-0367.*

Special Construction Requirements, Fire Protection Plan (July 3, 2017) 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.