
REVISION INFORMATION
DIVISION 4 – SURFACE WORKS
STANDARD CONSTRUCTION SPECIFICATIONS

REVISION SUMMARY

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Revised Specifications

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Revised to the Four-Section Format

- CW 3210-R6 – Adjustment of Pavement and Boulevard Structures

Revised Standard Details

- SD-212, SD-228C, SD-243

New Standard Details

- SD-227C

Approved Concrete Mix Designs

- Concrete Suppliers approved for 2005

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EXPLANATION OF THE REVISION SUMMARY

(All revisions are highlighted yellow in Specifications)

Revised Specifications

CW 3210-R6 – Adjustment of Pavement and Boulevard Structures

- General revision and revised to four-section format.
- Abandonments have been removed and are now covered under CW2110 and CW 2130.
- Adjustment of hydrants have been removed and are now covered under CW 2110.
- Gutter inlets have been deleted.
- Precast concrete riser rings have been removed and are now covered under CW 2130.

CW 3235-R5 – Renewal of Existing Miscellaneous Concrete Slabs

Clause 1.3.1	Revised to "CW 1130 – Site Requirements"
Section 3.7	Added "Removal of Precast Concrete Sidewalk Blocks"
Clause 4.3.1	Revised pay items to "a.) Less than 5 sq.m" and "b.) 5 sq.m to 20 sq.m"
Section 4.6	Added payment item, "Removal of Precast Concrete Sidewalk Blocks"

CW 3240-R5 – Renewal of Existing Curbs

Clause 1.3.1	Revised to "CW 1130 – Site Requirements"
Clause 4.3.1	Revised pay items to "a.) Less than 3 m" and "b.) 3 m to 30 sq.m"

CW 3250-R6 – Joint and Crack Maintenance

Clause 3.2	Added optional crack cleaning routing 25-30mm by 12mm in depth for asphalt pavements
Section 3.3.2	Revised sealing for asphalt pavements to include cracks routed to a width of 25-30mm

CW 3310-R9 – Portland Cement Concrete Pavement Works

Section 5.4.11	Added "Backer Rod"
Section 6.1	Revised requirements for submissions "Mix Design Statement"
Section 6.2	Added "Monolithic Curb and Sidewalks" to Type 1 concrete
Section 7.1	Added "Transit mixers supplying concrete under this specification shall have a MRMCA certification sticker affixed to the rear window of the driver's cab"
Section 9.3	Added "For late in season construction, second cut shall not be completed if ambient temperature is below 4° C. Second cut shall be completed the next season when temperature requirements can be met"
Section 9.7	Added backer rod installation
Section 10.1	Revised "supplier" to "contractor"

CW 3410-R6 - Asphaltic Concrete Pavement Works

Table 1	Revised percent of total dry weight passing the 16000, 10000 and 315 sieves
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CW 3510-R8 – Sodding

Note: Minor wording revisions that do not change the intent of the document have been incorporated.

Section 5.3	Revised to "Upon delivery or thirty (30) days following delivery, the salinity rating shall be less than 4.0 mm hos/cm on a saturated paste basis" to salinity rating. Revised to "and mixed by percentage (%) of weight to meet", for grass seed blends.
Clause 5.3.2 a)	Added "Class 1"
Section 5.3.3	Revised list of Class 1 Cultivars and list of Class 2 Cultivars
Section 9.6	Added "with a mechanical roller"

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Explanation of the Revision Summary – Cont'd.

- Section 9.8 Added "Given the need for weed control, the Contractor shall have in his possession a Pesticide Applicator's License and a Pesticide Use Permit for pesticide applications related to this Specification".
 Added "City of Winnipeg Weed Control Standards and Procedures"
- Section 13.1 Revised payment item "Sodding" to be in accordance with "Seventy-five (75%) of quantity following supply and placement" and "Remaining twenty-five (25%) of quantity following termination of the maintenance period"

CW 3520-R6 – Seeding

Note: Minor wording revisions that do not change the intent of the document have been incorporated.

- Section 5.3 Revised to "mixed by percentage (%) of weight to meet the following blends:"
 Clause 5.3.2 Added "Class 1"
 Section 5.3.3 Revised list of Class 1 Cultivars and list of Class 2 Cultivars
 Section 5.3.4 Revised list of Cultivars for Perennial Ryegrass blend
 Section 9.8 Added "Given the need for weed control, the Contractor shall have in his possession a Pesticide Applicator's License and a Pesticide Use Permit for pesticide applications related to this Specification."
 Added "City of Winnipeg Weed Control Standards and Procedures,"
 Clause 9.10.viii Added "Edges of established seeded areas adjacent to shrub and flower beds are well defined"
 Section 13.1 Revised payment item "Seeding" to be in accordance with "Sixty-five (65%) of quantity following supply and placement" and "Remaining thirty-five (35%) of quantity following termination of the maintenance period"

CW 3540-R3 – Topsoil and Finish Grading for Establishment of Turf Areas

- Section 5.2 Revised to "Upon delivery or thirty (30) days following delivery, salinity rating shall be less than 4.0 mm hos/cm on a saturated paste basis" to salinity rating.
 Section 9.2 Revised to "30mm"
 Section 9.3 Added "The Contractor shall provide the Contract Administrator with a minimum of two working days notice for inspection of sub-grade in areas to be sodded."
 Revised to "100mm mechanically rolled"
 Revised to "125mm mechanically rolled"

Revised Standard Details

- SD-212 Sawn Joint, Keyed Joint and Butt Joint for Reinforced, Plain Concrete and Plain-Dowelled Pavements**
- Revised Joint Sealing and added Backer Rod to Detail for "SAWN JOINT", "KEYED JOINT", and "BUTT JOINT"
- SD-228C Miscellaneous Isolations**
- Added, "Note 2. NOT APPLICABLE ON MEDIANS LESS THAN 1200mm WIDE"
- SD-243 Sodding Details**
- Revised dimension of "TOPSOIL FIRMLY PACKED" to 100mm
 - Revised dimension of "EXCAVATION" to 125mm
 - Deleted from this drawing only; "Note: GRASS MUST BE MOWN PRIOR TO DELIVERY OF SOD TO HEIGHT OF 50mm".

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Explanation of the Revision Summary – Cont'd.

New Standard Details

SD-227C Monolithic Concrete Bullnose

Approved Concrete Mix Designs

For Approved Concrete Mix Designs refer to “2005 Concrete Mix Design Approval” for each supplier.