
REVISION INFORMATION

DIVISION 4 – SURFACE WORKS STANDARD CONSTRUCTION SPECIFICATIONS

REVISION SUMMARY

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- SD-200, SD-220C, SD-229B, SD-245

Approved Products for Surface Works

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EXPLANATION OF THE REVISION SUMMARY

(All revisions are highlighted yellow in Specifications)

Revised Specifications

CW 3110-R11 – Sub-grade, Sub-base and Base Course Construction

- Section 2.1 Replaced “pavement” with “concrete” in the last two paragraphs and added “Portland Cement” to describe concrete.
- Section 3.3.4 Added a clause, “Place and compact crushed sub-base material with or without geogrid as directed by the Contract Administrator in accordance with CW 3135.”
- Section 3.4.1 Revised to “separation or separation/reinforcement geotextile fabric”

CW 3120-R3 – Installation of Subdrains

- Section 2.5 Revised Mullen Burst minimum standard to 2000kPa

CW 3130-R2 - Supply and Installation of Geotextile Fabrics

- Section 1.3.2 Added “CW 3120 – Installation of Subdrains” as a Referenced Standard Construction Specification.
- Section 2.5 Added “geotextile” to describe separation/reinforcement geotextile fabric to have consistent wording with pay item 4.1.
- Section 2.6 Added “Separation Geotextile Fabric” section as a non-woven separator.
- Section 3.1.2 Added a section to direct the use of separation geotextile fabric either without geogrid over stable subgrade or with geogrid over unstable subgrade. Separation/reinforcement fabric to be used only over stable subgrade.
- Section 4.2 Added a pay item for Separation Geotextile Fabric

CW 3135 – Supply and Installation of Geogrid

This is a new specification to replace the “E” document previously used in Bid Opportunities. This specification is to direct use of geogrid over areas of unsuitable sub-grade with non-woven geotextile as a separator in order to reduce the thickness of sub-base material required.

CW 3235-R7 – Renewal of Existing Miscellaneous Concrete Slabs

- Section 1.4.4 Added “SD-227C – Monolithic Concrete Bullnose” to the “Referenced Standard Details”.
- Section 3.4.6 Increased the maximum joint spacing between blocks from 3mm to 5mm.

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Explanation of the Revision Summary – Cont'd.

CW 3250-R7 – Joint and Crack Maintenance

Section 3.3 Typo correction

CW 3310-R13 - Portland Cement Concrete Pavement Works

Section 5.4 Added a section to Materials for Bonding Grout

Section 9.4 Added a paragraph for the placement of bonding grout between the concrete slab and separate curb.

Section 13.4.2 Added a section to specify no measurement or payment of bonding grout for concrete curbs.

Section 13.6 Corrected a reference from 9.2.4 to 9.2.3 of this specification.

CW 3325-R3 - Portland Cement Concrete Sidewalk

Section 9.1 Added the second paragraph for compaction of the sub-grade as directed by the Contract Administrator.

Section 9.1 Revised the third paragraph to direct payment of subgrade compaction in accordance with Specification CW 3110.

Section 9.1 Deleted "Section 5" from the last paragraph.

Section 10.5 Corrected typo

CW 3330-R5 - Installation of Interlocking Paving Stones

Section 5.2.3 Revised reference from Section 5.4.1 to Section 5.3.1 of Specification CW 3310.

Section 9.2 Added "bedding" to describe sand for clarification.

Section 9.3 Revised the spacing between joints to not exceed 5mm.

CW 3335-R1 - Installation of Interlocking Paving Stones on a Lean Concrete Base

Section 5.2.2 Revised reference from Section 5.4.1 to Section 5.3.1 of Specification CW 3310.

Section 5.2.4 Revised bedding sand reference from Section 5.4.1 to Section 5.3.1 and the grading requirements reference to Section 5.2.3 of Specification CW 3330.

Section 5.2.5 Revised maximum aggregate size to 2.5mm.

Section 9.2 Added "bedding" to describe sand.

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CW 3410-R8 - Asphaltic Concrete Pavement Works

Section 9.3 Added to the second paragraph, “Tie-ins include miscellaneous asphalt for temporary ramping, sidewalk in-fill and isolations.”

CW 3650-R5 - Installation of Aluminum Balanced Barrier

Section 5.5 Revised reference from section 5.5 to 2.2 of Specification CW 3110.

Section 5.5 Typo correction from “or” to “for”.

Section 9.4 First paragraph typo correction from “costs” to “coats”.

Revised Standard Details

SD-200 Curb and Gutter

- Clarified both detail drawings by removing dimension lines that appeared to divide the curb from the slab.

SD-220C Curb and Gutter Inlet Isolation Detail

- Revised references to the concrete riser from SD-223B and SD-224 to SD-023 and SD-024.

SD-229B Curb Ramp Layout for Medians, Lanes and Commercial Approaches

- Revised drawing title
- Revised Median Sidewalk Crossing detail by removing “Modified Barrier Curb” from the median nose and replacing it with “Monolithic Concrete Bullnose Ref: SD-227C”.

SD-245 Subdrain Installation Detail

- Revised the “Reference Specifications” by replacing reference to CW 3710 with “Approved Products for Surface Works”.

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Approved Products for Surface Works

Revised Section Numbers for the entire document.

Section 40 Drainage Fabric

Section 40.2 Added to Referenced Standard Construction Specifications

- CW 3130 – Supply and Installation of Geotextile Fabrics
- CW 3135 – Supply and Installation of Geogrid

Section 40.4 Delisted Armtec 250 as an approved non-woven geotextile

Section 50 Separation/Reinforcement Fabric

Section 50.4 Added approved product, Thrace-Linq GTF300 supplied by Brock White Canada

Section 55 Geogrid

Added Geogrid section with three approved products.