



Volume 8 – Bridges, Edition 1

Construction Specifications

General

The County of Grande Prairie Construction Specifications is a collection of eight distinct and separate volumes that are unique to the construction activity specified. The Construction Specifications include:

- Volume 1 – Amendments to the General Specifications, Edition 1
- Volume 2 – Rural Roads, Edition 1
- Volume 3 – Concrete (not yet available)
- Volume 4 – Drainage (not yet available)
- Volume 5 – Waterworks (not yet available)
- Volume 6 – Electrical (not yet available)
- Volume 7 – Landscaping (not yet available)
- Volume 8 – Bridges, Edition 1

Although separate, each volume must be referenced and interpreted simultaneously with all other volumes that are pertinent to the works being described.

Contractors are advised that both Volume 1 – Amendments to the General Specifications and Volume 2 – Roads are generally based on the following documents:

- Alberta Transportation and Economic Corridors (TEC)
 - General Specifications Edition 16 - 2019,
 - Standard Specifications for Highway Construction, Edition 16, 2019
 - Standard Specifications for Bridge Construction, Edition 19, 2020
- Aquatera Utilities Ltd.
 - Design and Construction Manual

To meet the County's construction requirements, these Volumes contain Specifications or Specification Amendments that either amend or supersede the documents on which the Specifications are based.

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End of Section

Section 801 – Excavation

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 802 – Backfill

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

Under Development

Section 803 – Foundation Piles

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 804 - Cast-In-Place Concrete

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 805 - Reinforcing Steel

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 806 – Structural Steel

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 807 – Precast Concrete Units

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 808 – Bearings

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 809 – Drain Troughs

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 810 – Heavy Rock Riprap

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 811 – Ducts and Conduits

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 812 – Bridgerail

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 813 – Miscellaneous Iron

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 814 – Guardrail

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 815 – Non-Skid Polymer Overlay

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 816 – Waterproofing

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 817 – Asphalt Concrete Pavement

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 818 – CSP and SPCSP Structures

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 819 – Painted Roadway Markings

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 820 – Deck Overlays & Rehabilitation of Concrete Components

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 821 – Demolition, Disposal And Salvage Of Bridge Structures

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 822 – Painting

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 823 – Structural Lumber and Piling

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 824 – Overhead Sign Structures and Panels

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 825 – Mechanically Stabilized Earth Walls

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

Section 826 – RCP and PBC Structures

PART 1 GENERAL

1.1 No Modifications

PART 2 PRODUCTS

2.1 No Modifications

PART 3 EXECUTION

3.1 No Modifications

PART 4 MEASUREMENT AND PAYMENT

4.1 No Modifications

End of Section

