



**CITY OF
SWIFT CURRENT**
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**SECTION 10000
FLEXIBLE GUIDE POSTS & DELINEATORS**

DECEMBER 2015



CONSTRUCTION SPECIFICATIONS

SECTION: 10000
FLEXIBLE GUIDE POSTS/DELINEATORS

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1 GENERAL

1.1 DESCRIPTION

1.1.1 The work shall consist of the supply of flexible guide post traffic delineators.

1.2 RELATED SECTIONS

- 02010 Site Preparation and Grading
- 02015 Sub – Grade Preparation
- 03001 Aggregates General
- 03005 Granular Base Course
- 03010 Granular Sub – Base
- 04000 Asphalt Pavement Crack Routing and Sealing
- 04001 Asphalt Pavement Crack Sealing
- 04015 Asphalt Concrete
- 04025 Prime, Tack and Fog Coats
- 04070 Asphalt Concrete Pavement Milling
- 06010 Concrete Side walk, Curb and Gutter Construction
- 07000 Pavement Markings
- 12000 Regulatory Roadway Signs

1.3 INSPECTION AND TESTING

1.3.1 Evaluation of the work will be based on a visual inspection by the Engineer.

2 PRODUCTS

2.1 GENERAL

- 2.1.1 The Contractor shall supply flexible guide posts which return to upright position following repeated impacts and passage of vehicles over them. Such collisions shall not cause serious damage to the post or vehicle. Failure to conform to the requirements specified herein shall be cause for rejection.
- 2.1.2 The posts shall be of uniform high quality and workmanship and be free from defects.
- 2.1.3 The round posts shall be straight and have a minimum outer diameter of 90 mm and an overall length of 1.67 m. Posts shall be open at the top and bottom.
- 2.1.4 The top 250 mm of the post length shall be black and the remainder shall be white.
- 2.1.5 The surface of the posts shall be smooth and free from irregularities or defects. The surface of the post shall not be affected by the cleaning using scrapper, detergent and water, or solvent.

- 2.1.6 Reflective sheeting shall material shall be super-high intensity retroreflective sheeting meeting the minimum requirements as specified in ASTM D4956 for a Type X sheeting with Class 1 pressure sensitive adhesive backing.
- 2.1.7 Each post shall have a 100 mm x 330 mm long strip of reflective sheeting fastened onto the black portion of the post. The reflective sheeting shall be centred in such a manner that 75 mm of the black portion is exposed both above and below the attached reflective strip.
- 2.1.8 The colour of the reflective strip shall be white.

3 EXECUTION

3.1 GENERAL

- 3.1.1 The surface cross section of the road shall be completed before the guide posts are installed.
- 3.1.2 The hole for the wooden post shall be of sufficient size to provide a clear distance of five centimetres (5 cm) around the post.
- 3.1.3 Posts shall be set plumb and shall conform to the alignment staked.
- 3.1.4 The spaces around the posts shall be backfilled with earth material, free of large stones. The backfill material shall be placed in layers not exceeding fifteen centimetres (15 cm) in depth and shall be firmly tamped. If required, water may be used to aid compaction.

4 MEASUREMENT AND PAYMENT

4.1 MEASUREMENT

- 4.1.1 Each guide post will be measured as a unit.

4.2 PAYMENT

- 4.2.1 Payment for each guide post will be at the contract unit price per post. The unit price will be full compensation for unloading, storing, handling, and hauling materials; excavating holes; placing posts; placing, watering, and tamping the backfill material.

END OF SECTION