

54.19 GUIDE POSTS

54.19.1 GENERAL

The Work consists of the supply and installation of flexible guidepost traffic delineators, the removal and disposal of existing guideposts and the removal and reinstallation of existing guideposts.

54.19.2 MATERIALS

The Contractor shall supply guideposts in accordance with the Alberta Transportation Recognized Products list.

Round posts shall have a minimum outer diameter of 90 mm and an overall length of 1.67 metres, open at the top.

The top 250 mm of the post shall be black and the remainder shall be white. High-intensity type 3 reflectorized sheeting shall be securely attached between 100 mm and 150 mm from the top of the post and shall be visible from all directions. The reflectorized sheeting material shall be 50 mm wide and shall be green when the guidepost is used to mark the edges of approaches located on curves and white in all other instances.

The surface of the post shall be smooth and free from irregularities or defects, the surface of the post shall not be affected by cleaning using scrapers, detergent and water, or solvent. The performance of the posts shall not be affected by ozone, exhaust fumes, asphalt or road oils, dirt, vegetation, deicing salts or any other types of air contamination or materials likely to be encountered after installation.

54.19.3 PROCEDURE

The Contractor shall be responsible for location and marking of underground utilities prior to excavation.

The Contractor shall supply and install guideposts plumb and vertical throughout their length, at a uniform height in accordance with drawings TEB 3.49a, TEB 3.49b, TEB 3.49c, TEB 3.49d, TEB 3.49e, TEB 3.50 and TEB 3.51, at locations identified by the Engineer. In some cases, the Engineer will identify that existing guideposts shall be removed and reinstalled at a different spacing.

The applicable colour of high-intensity reflectorized sheeting shall be installed and the work area shall be restored to its original condition.

54.19.4 TIME TO COMPLETE

The Contractor shall complete the Work within 60 calendar days of the issuance of the Work Order.

54.19.5 ACCEPTANCE CRITERIA

Evaluation of the Work will be based on a visual inspection by the Engineer. To be acceptable, the guide posts shall possess the specified material characteristics, shall be installed in accordance with the applicable drawings and the work site shall be left in a neat and tidy condition.

54.19.6 MEASUREMENT AND PAYMENT

Measurement will be made of the number of guideposts supplied and installed, removed or removed and reinstalled.

Payment will be made at the unit price bid per guidepost for "Flexible Guidepost - Supply and Install." This payment will be full compensation for supply of the guideposts, removal and disposal of existing posts when necessary, installation of the new posts, and all labour, material, equipment, tools and incidentals necessary to complete the Work.

Payment will be made at the unit price bid per guidepost for "Flexible Guidepost - Remove and Dispose". This payment will be full compensation for the removal and disposal of the guidepost(s) and all labour, material, equipment, tools and incidentals necessary to complete the Work.

Payment will be made at the unit price bid per guidepost for "Flexible Guidepost - Remove and Reinstall". This payment will be full compensation for the removal and reinstallation of the guidepost(s) and all labour, material, equipment, tools and incidentals necessary to complete the Work.

If an existing guidepost is pulled out by others (vandalism), and the same post can be reinstalled in the original hole, such work is considered routine highway maintenance as defined in Specification 53.39, Highway Maintenance Work, and will not be paid for separately.

54.19.7 WARRANTY

There warranty period for this Work is 1 year.