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## 5.20 SUPPLY OF LINE PAINTING MATERIALS

### 5.20.1 GENERAL

This specification applies to highway line painting contracts that require the Contractor to supply line painting materials.

### 5.20.2 MATERIALS

The Contractor shall choose the paint and glass bead materials to be supplied from the list of approved products shown in the special provisions or specification amendments. The Contractor shall be responsible for ensuring that the quality of the paint and beads supplied meets the requirements specified.

The Contractor shall advise the Consultant of any change in paint formulation.

The Contractor shall provide the Consultant with the following information prior to commencing the Work:

- Names and mailing addresses of the suppliers and manufacturers;
- Formulation to be supplied;
- Written confirmation from the manufacturer that the materials to be supplied meet all specified requirements.

The Contractor shall verify that all materials delivered and used in the Work are the type ordered.

### 5.20.3 SAMPLING AND TESTING

The Contractor shall supply the Consultant with the manufacturer's quality control test results and a quality assurance sample for each batch of material as it is delivered to the Work. Quality control results shall include a minimum of Specific Gravity, Hiding Power, Dry to Traffic and Viscosity results. Samples for quality assurance shall be obtained from the manufacturer or taken from drums as delivered to the storage site.

If the Contractor obtains quality assurance samples at the time of delivery to his storage facility, sampling and minimum frequency of testing shall be as described in the Alberta Transportation Test Methods TLT-636, Sampling Traffic Paint and TLT-601, Sampling Glass Beads From 205 Litre Drums. When glass beads are supplied in bags, a minimum of one 25 kg bag shall be selected from each project or for every 10 000 kg of glass beads delivered to the Work.

All materials shall be subject to further inspection, sampling and testing by the Consultant and the Contractor shall provide safe, convenient access, acceptable to the Consultant, for inspection and sampling of the materials, and shall co-operate in the inspection and sampling process when requested to do so.

Paint products shall be tested and shall meet the requirements as specified in the Special Provisions.

5.20.4 SUPPLY, HANDLING AND STORAGE

The Contractor shall make all arrangements for the supply and delivery of paint and glass beads and shall provide the Consultant with records of all materials received and/or returned, on a daily basis.

The Contractor shall provide, maintain and reclaim all material storage sites. Storage of materials at Department facilities will not be permitted.

No paint formulation shall be diluted or mixed with a different formulation or with any other material, without the specific approval of the Consultant.

The Contractor shall take all necessary steps to prevent contamination of the materials. Paint shall be protected from freezing.

The Contractor shall be responsible for the proper clean up of waste or spilled material, and the proper disposition of containers.

5.20.5 MEASUREMENT AND PAYMENT

Payment for the supply of all required materials including paint, glass beads and any cleaning solvents will be included in the applicable unit price bid for "Roadway Lines-Supplying Paint and Painting", "Intersection Lines-Supplying Paint and Painting" or "Interchange Lines-Supplying Paint and Painting".