

52.5 MIX AND STOCKPILE SALT TREATED SAND

52.5.1 GENERAL

The Work, also known as pickling, consists of mixing salt with either untreated sand or sand that was previously treated with salt to form a homogeneous mixture of newly treated material suitable for winter sanding operations and placing this material into stockpile.

52.5.2 MATERIALS

Untreated sand shall be supplied by the Contractor in accordance with Specification 52.7, Supply and Stockpile Sand.

The Contractor shall supply the salt in accordance with Specification 52.8, Supply of Sodium Chloride (Salt).

The quantity of salt treated sand to be produced will be specified in the Work Order.

52.5.3 EQUIPMENT

The Contractor shall supply all equipment necessary to complete the Work. The mixing equipment shall be capable of uniformly mixing the sand and salt at the specified application rate. The stacking conveyor shall be capable of stacking the treated sand into a conical pile 10 m high.

52.5.4 PROCEDURE

The Engineer will determine whether the salt treated sand will be supplied by the tonne or cubic metre and will issue a work order based on that determination.

The Contractor shall provide the Engineer a minimum of 48 hours notice prior to the commencement of the Work.

The Contractor shall mix the treated or untreated sand with salt at the specified application rate to yield a homogeneous mixture, and stockpile the newly treated sand into elongated, conical stockpiles at the locations specified by the Engineer. The pad shall have proper drainage to prevent leaching of salt into the water table or onto other properties.

The Work shall be performed in a manner which prevents contamination of the stockpile of treated sand with oversized and/or foreign material.

The percentage of salt to be added to the sand will be different for sand that was previously treated with salt than for untreated sand. The percentage of salt to be added in either situation will be determined by the Engineer. The Engineer may reject the Work if this percentage is not achieved and if, in his opinion, the newly treated sand will not be suitable for its intended use.

52.5.5 SAMPLING AND TESTING

The Engineer may sample the completed stockpile to verify salt application rates at any time. The Contractor shall cooperate fully with the Engineer during the sampling and testing procedures.

52.5.6 TIME TO COMPLETE

The Contractor shall complete the Work within 30 calendar days of the issuance of the Work Order.

52.5.7 MEASUREMENT AND PAYMENT

Measurement will be in tonnes or cubic metres of treated sand stockpiled.

Payment will be made at the applicable unit price bid per tonne or cubic metre for "Mix and Stockpile Salt Treated Sand." This payment will be full compensation for excavating the untreated or previously treated sand, excavating and applying the salt to the excavated sand, mixing, and stockpiling the newly treated sand at the location specified, and all labour, materials, equipment, tools, and incidentals necessary to complete the Work.

52.5.8 WARRANTY

There is no warranty period for this Work.