

# FORM 582



GOVERNMENT OF NEWFOUNDLAND AND LABRADOR  
Department of Transportation and Works  
Highway Design Division

## SECTION 582

### DISPOSAL OR SALVAGE OF SIGNS AND SIGNPOSTS

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##### **582.01 SCOPE**

This specification covers the requirements for the excavation and removal of signs and signposts followed with the backfilling and compaction of the excavated material together with either; the salvage, or the disposal of the sign and signposts, as specified in the Contract item.

Excavation above and around the sign and signposts including any hand work excavation required to remove the sign and signposts shall be considered part of Section 582 "Disposal or Salvage of Sign and Signposts".

##### **582.02 EXCAVATION AND DISPOSAL OR SALVAGE**

After excavation operations have been carried out to expose the signpost foundation the Contractor shall dispose of, or salvage the sign and signposts, as designated, within the limits as required by the Engineer.

The excavation of material abutting the top and sides of the signposts shall be performed in such a manner as to leave undisturbed, adjacent structure or other work to be left in place, and so that no damage occurs to the sign and signpost designated to be salvaged.

All excavated material shall be piled in a manner that will not endanger the work, and that will avoid obstructing sidewalks, driveways, and gutters.

Where a sign and signpost is designated to be salvaged, the Contractor shall carefully disassemble the sign and signpost and carefully remove the sign and signpost from the trench in such a way as not to cause damage to the sign and signpost. The salvaged sign and signpost shall be stored at a safe place on the job prior to reinstallation or transported to the nearest Department Depot.

Should any sign and signpost, designated for salvage, be damaged or lost by the Contractor, then the Contractor shall not receive payment for sign and signpost salvage for the damaged sign and signpost. Damaged material shall become the property of the Contractor and shall be disposed of.

Where a sign and signpost is designated for disposal, the Contractor shall remove and dispose of the sign and signpost.

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Signs and signposts for disposal shall be removed and disposed of in an approved waste disposal area provided by the Contractor at his own expense.

The Contractor shall be aware of Section 825 "Waste Management".

### **582.03 BACKFILLING AND COMPACTION**

Where concrete is placed in the excavation under another specification, such as concrete for signpost foundations, then backfilling shall not take place until the concrete has cured to at least 70% of the specified design strength at 28 days or cured for at least 7 days, whichever comes first.

Material excavated as part of the removal or salvage operations shall be used as backfill in the trench.

Backfill shall be placed in layers not exceeding 200 mm in thickness loose measurement. Each layer shall then be compacted to not less than 95% of the Standard Proctor density (ASTM D698-78) before a further layer is placed.

### **582.04 MEASUREMENT FOR PAYMENT**

#### **582.04.01 Measurement for Payment for Disposal of Sign and Signpost**

Measurement for payment for disposal of a sign and signpost of a particular type shall be in units of each sign and signpost type required to be disposed of as measured per location.

#### **582.04.02 Measurement for Payment for Salvage of Sign and Signpost**

Measurement for payment for the salvage of a sign and signpost of a particular type shall be in units of each sign and signpost type required to be salvaged, when measured after being removed from the ground.

Sign and signposts that are damaged to the extent that they will be unsuitable for re-use, will not be included in measurement for payment for sign and signpost salvage.

### **582.05 BASIS OF PAYMENT**

#### **582.05.01 Basis of Payment for Disposal of Sign and Signpost**

Payment at the contract price for the disposal of sign and signpost of a particular type shall be compensation in full for all materials, labour, and use of equipment to: provide any hand work excavation necessary to complete the sign and signpost disposal operation, remove the sign and signpost, provide any dewatering necessary to carry out the work, provide an approved waste disposal site, transport the sign and signpost to the waste disposal site, dispose of the sign and signpost, and backfill and compact the excavated material.

Excavation above and around the sign and signpost shall be compensated for under this item including any additional hand work excavation required to remove the sign and signpost which shall be considered compensated for as part of payment for Section 582 "Disposal or Salvage of Sign and Signpost".

#### **582.05.02 Basis of Payment for Salvage of Sign and Signpost**

Payment at the contract price for the salvage of sign and signpost of a particular type shall be compensation in full for all materials, labour, and use of equipment to: provide any hand work excavation necessary to complete the sign and signpost salvage operation, remove and salvage the sign and signpost, provide any dewatering necessary to carry out the work, transport sign and signpost to any temporary storage site, store the salvaged sign and signpost, and backfill and compact the excavated material including the temporary stockpiling of the excavated material for

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reuse in the backfilling process, and transporting the sign and signpost to the nearest Department Depot.

Any additional hand work or excavation required to salvage the sign and signpost shall be compensated for as part of payment for Section 582 "Disposal or Salvage of sign and signpost".

Any damaged sign and signpost will be replaced at the contractor's expense, where it is deemed the sign and signpost was salvageable.