

# FORM 717



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

## SECTION 717 CONSTRUCTION SPEED ZONES

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#### 717.01 SCOPE

Construction Speed Zones will be established on all construction projects or portions of projects requiring traffic control.

#### 717.02 GENERAL INFORMATION

Speed limits must reflect the road conditions in existence at the time. Signs must be removed or changed immediately when the condition changes. When the road condition does not warrant reduced speed during non-working periods, overnight, or weekends, the signs shall be removed or covered.

On a divided highway, if construction involves only one side of the highway, the speed limit will be lowered in the affected direction of travel only and will remain unaltered in the opposite direction.

The reducing of a speed limit through the entire work project will not be permitted. Having each work zone individually considered, based on the general geometric conditions of the work zone, is the only acceptable method of speed limit signing.

All conflicting signs within the reduced speed zone shall be removed or covered while the temporary speed limit is in effect.

#### 717.03 SPEED SIGNS

All speed limits shall be signed using reflectorized maximum speed limit signs as specified in the Manual of Uniform Traffic Control Devices for Canada.

All speed limits indicated on these signs shall be in 10 km/h increments.

The Maximum Speed Ahead signs shall be placed 150 m to 250 m in advance of a construction speed sign where the speed reduction is more than 10 km/h.

Where the Maximum Speed Ahead sign is positioned in advance of normal temporary condition signage an advance "Construction Ahead" sign must be installed ahead of the speed ahead sign.

At the end of the construction zone, which has a reduced speed limit posted, a speed limit sign shall be posted indicating a return to the normal speed limit on that particular section of highway. This sign may

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be omitted if there exists a permanently installed speed limit sign within 300 m of the end of the reduced speed zone.

Reduced speed limit signs left in place when the work zone condition does not warrant any reduction may be expropriated by the Department of Transportation and Works.

### 717.04 GUIDELINES FOR SPEED LIMITS

The recommended speed limits shown in Table 717.04.01 are provided for geometrics only and judgment must be used to adjust these speeds depending on the surface condition, the proximity and number of workers, equipment, and type of obstruction to the through traffic.

TABLE 717.04.01

CONSTRUCTION ZONE SPEED LIMIT	SIGHT DISTANCE IN EACH DIRECTION
90 KM/H	280 M OR GREATER
80 KM/H	230 M TO 279 M
70 KM/H	200 M TO 229 M
60 KM/H	170 M TO 199 M
50 KM/H	140 M TO 169 M
40 KM/H	110 M TO 139 M
30 KM/H	LESS THAN 109 M

All posted speed limits on construction zones must have prior approval from the Engineer.

### 717.05 BASIS OF PAYMENT

All costs associated with provision and maintenance of construction speed zones to standards as outlined in this section including costs of the signs, handling, installation, materials, and labour shall be paid by the Contractor and no payment shall be considered by the Department of Transportation & Works.