

501 SNOWPLOW MARKERS

The purpose of this TGP is to provide guidance regarding the maintenance process of marking specific locations for snowplow operations. In conjunction with guidance of this document, use of snowplow markers should be in accordance with Standard Drawing M-26.

F1GW or F1GY green snowplow markers should be installed in line with and immediately **upstream** of any curb, guardrail, barrier, or vertical hazard condition which could affect snowplow operation. F2GW or F2GY green snowplow markers should be installed in line with and immediately **downstream** of any curb, guardrail, barrier, or vertical hazard condition marked by a F1GW or F1GY marker. F3G green markers can be used along the righthand side of a roadway in a snowplow area to provide contrast and visibility. F4GD or F4GS green markers are used for cattle guards, bridge joints or horizontal surface conditions which could affect snowplow operations, on undivided (F4GD) or divided (F4GS) highways. F5G green based black telescoping markers are used along the right side of a roadway for extreme snow accumulation and snow drift, typically above 7,500 feet.

Table 501-1 - Marker Types

Type	Color	Application
Snowplow Markers	Green (F1GW, F2GW)	Used at the beginning (F1GW) or end (F2GW) of a curb, guardrail, barrier, or vertical hazard condition that could affect snowplow operation. (On the right side).
	Green (F1GY, F2GY)	Used at the beginning (F1GY) or end (F2GY) of a curb, guardrail, barrier, or vertical hazard condition that could affect snowplow operation. (On the left side).
	Green (F3G)	Used along the righthand side of a roadway in a snowplow area.
	Green (F4GD, F4GS)	Used for conditions of cattle guards, bridge joints or horizontal surface conditions which could affect snowplow operations.
	Green base Black Telescoping (F5G)	Used in conditions of extreme snow accumulation and snow drift. (Typically, above 7500 feet).

If installed near a guardrail end treatment, markers should be installed in a manner that will not interfere with the function of the end treatment. Snowplow markers should be installed no closer than 4 feet and no further than 8 feet from the edge of the pavement to facilitate snowplow operations. Cut sections may require an offset from the roadway that is less than the above values. These offsets should be approved by the Regional Traffic Engineer.