

**Gallons per mile of line**

	Width of line (Inches)				
	4	6	8	12	24
Solid Line	22	33	44	66	132
Dashed line	5.5	8.3	11	17	33
Dotted Line	7.3	11	14.7	22	44
Symbols, Words	1.0 Gallon per 80 Square feet				

On open graded asphalts the above rate shall be increased by 25 percent to achieve the required thickness of 25 mils  $\pm$  1 mil.

Thinning is not permitted.

Glass beads shall be applied to the uncured epoxy material in sufficient quantity so that the beads completely fill the epoxy film from the film-pavement interface to the top surface of the film to the extent that there are loose beads on the surface of the uncured line. The rate of application shall not be less than 3 kg (25 pounds) of glass beads per liter (gallon) of epoxy material applied. Glass beads shall be dropped on in a double-drop system with the large gradation (Size I) first and the regular gradation (Size II) second in the same pass of the equipment. The beads shall be applied in equal amount by weight.

If the epoxy marking does not dry to a no-tracking condition consistently and shows a cyclical soft spot, the Contractor shall cease marking application until the problem is corrected.

**828.07 Method of Measurement.** In addition to the requirements of 641.12, the following shall apply:

1. The Contractor must submit certified documents from the manufacturer listing of the amount of epoxy (in liters) and glass beads (in kilograms) shipped for the particular project.
2. In the field the Contractor shall furnish a calibrated device to measure the quantity of materials used such as stroke counters mounted on the dispensing pumps. Stroke counter readings must be taken at the beginning and end of each day by the Engineer. Caution must be taken while re-circulating the material to turn off the stroke counter on the pump. Using the "dipping the tank" method is not sufficient.
3. The rate of application of materials shall be verified by comparing the amount of materials used with the computed amount needed for each section. Where short sections are involved and it is not practical or feasible to determine the quantities used on each and every short section, such sections may, by agreement between the Engineer and Contractor, be grouped together to verify the quantities used.
4. Removal of pavement markings must be indicated on the plans, and will be paid for in the units indicated in 828.09.

**828.08 Final Acceptance:** Pavement markings which are unacceptable, or become unacceptable prior to final acceptance, as determined by the Engineer, for causes such as, but not limited to, improper application, loss of adhesion to the pavement, non-uniform retroreflectivity, or non-retroreflectivity, shall be replaced by the Contractor with markings conforming to these specifications and requirements at his expense without delay, or the Contractor may request that the work be considered non-performed. The Contractor will receive no payment for unacceptable work which is considered non-performed.

**828.09 Basis of Payment.** Payment for accepted quantities complete in place will be made at the contract prices, or prices adjusted in accordance with 641.11 for:

Item	Unit	Description
828	Kilometer (mile)	Edge line
828	Kilometer (mile)	Lane line
828	Kilometer (mile)	Center line
828	Meter (linear foot)	Channelizing line
828	Meter (linear foot)	Stop line
828	Meter (linear foot)	Crosswalk line
828	Meter (linear foot)	Transverse line
828	Meter (linear foot)	Curb marking
828	Square meter (square foot)	Island marking
828	Each	Handicap symbol marking
828	Each	Railroad symbol marking
828	Each	School symbol marking, ___mm (in.)
828	Meter (linear foot)	Parking lot stall marking
828	Each	Lane arrow
828	Each	Word on pavement, ___mm (in.)
828	Meter (linear foot)	Dotted line
828	Each, meter(linear foot), square meter (square foot)	Removal of pavement marking
828	Lump sum	Two-way radio equipment