



07 April 2019

MEMORANDUM

From: Heather Courtenay

To: [Click here to enter recipient's name](#)

**RE: Peace Garden Site Design
Perry's Victory and International Peace Memorial
PN: 42024700**

Subject: **Street Painting Options**

There are multiple options for marking pavement. Environmental concerns, durability, and cost are the major differences between the various alternatives.

1. Water-based Paint
 - a. Less environmentally damaging than other options because of their water base.
 - b. Dry time is impacted by temperatures and humidity.
 - c. Ill-suited to application in temperatures under 50°F.
 - d. Commonly used for painting highways, parking lots, and parking garages.
2. Acetone-based Paint
 - a. Can only be removed with an acetone solvent.
 - b. Less susceptible to cold than water-based.
 - c. Ideal for striping in early spring and late fall, and temporary striping in the winter.
3. Thermoplastic Paint
 - a. Multiple application methods, depending on local and state requirements.
 - b. Depending on application method, sits at 60-90mm thickness.
 - c. Applied using heat.
 - d. Highly durable.
 - e. More expensive than traditional paint.
4. Epoxy Paint
 - a. Environmental concerns are a major factor, and only a few products may be compliant depending on location.
 - b. Long-lasting and highly durable, can eliminate the need to restripe on a yearly basis.



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- c. Requires specialized equipment for application.
- d. More expensive than other options.

Source: <https://www.degemill.com/best-type-pavement-marking-material/>

END OF MEMORANDUM