

# 23. Vehicle Tracking Control (VTP)



## 1. DESCRIPTION:

Vehicle Tracking Control is a temporary control measure that consists of stabilized layer of aggregate or a pre-fabricated structure that is used to minimize tracking of sediments from the construction site (exposed soil) to paved road surface. Related to vehicle tracking, CDPHE recognizes that fine grains (staining) may remain visible on the surfaces of offsite streets, other paved areas, and sidewalks after implemented sediment removal practices have been implemented.

## 2. CONTROL MEASURE USES

- Erosion Control
- Sediment Control
- Site/Materials Management

## 3. RELEVANT SPECIFICATION SECTIONS

[Section 208](#) - Erosion Control

- a) **208.02** - Materials
- b) **208.02 (I)** - Materials - Vehicle Tracking Pad
- c) **208.05.(o)** - Construction BMPS - Vehicle Tracking Pad
- d) **208.11** - Method of Measurement
- e) **208.12** - Basis of Payment

## 4. RELEVANT M-STANDARD DETAILS

[M-208-1](#), Sheet 1 of 11 (Vehicle Tracking Pad)

## 5. BASIS OF PAYMENT

Pay Item	Description	Pay Unit
208-00070	Vehicle Tracking Pad	EACH
208-00075	Pre-Fabricated Vehicle Tracking Pad (Type 1)	EACH
208-00175	Pre-Fabricated Vehicle Tracking Pad (Type 2)	EACH
208-00071 <sup>a</sup>	Maintenance Aggregate (Vehicle Tracking Pad)	CY

<sup>a</sup> Pay item is included for anticipated maintenance of Vehicle Tracking Pads based on the service life of the control measure in the field.



Vehicle tracking pad at entrance of construction site

## 6. APPLICATIONS

- Used at construction site entrance and exit locations.
- Used during wet weather periods when tracking of dirt is increased.

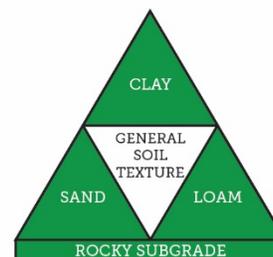
## 7. LIMITATIONS

- Additional Control Measures may be needed when Vehicle Tracking Control is graded towards paved surfaces.
- When installation of aggregate Vehicle Tracking Pad is not feasible, consider using Pre-fabricated Vehicle Tracking Pads.

## 8. CONTROL MEASURE SOILS TRIANGLE

### SOIL TEXTURE AND SUBGRADE CONDITIONS

- APPROPRIATE
- SOMEWHAT APPROPRIATE
- NOT APPROPRIATE



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### 9. SWMP ADMINISTRATOR FOR DESIGN CRITERIA

- Consideration of site grades, sight distances, and curves on public roads when selecting a location for Vehicle Tracking Pads.
- Aggregate-based Vehicle Tracking Pad must be at least 12 feet wide and 70 feet long.
- **Pre-fabricated Vehicle Tracking Pad must be at least 12 feet wide and 35 feet long.**
- If runoff flow paths are directed towards the Vehicle Tracking Pad, use Temporary Berms, Silt Dikes, or other runoff routing control measures to divert flows to a different location.
- Additional site management control measures (Silt Fence and plastic fence) should be designed to direct construction traffic to the egress point with the Vehicle Tracking Pad.

### 10. INSTALLATION CRITERIA

- To accommodate the traffic between pre-fabricated Vehicle Tracking Pad and paved surface, and the turning radius of construction vehicles anticipated on site; the specified vehicle tracking aggregate must be used.
- A geotextile separation layer and aggregate base course may be required to stop rutting under the pre-fabricated Vehicle Tracking Pads or areas where construction vehicles mount or dismount.
- Entrance/exit area must be excavated 6 inches, and Class 2 geotextile fabric must be installed and covered by a 6-inch aggregate layer. Aggregate must meet the gradation requirements listed in Section 208.02.(l)
- When using Pre-fabricated Vehicle Tracking Pads, follow manufacturer's specifications for installation. Ensure a clean, even surface is provided prior to installation and that the system is properly anchored prior to use.
- Install prior to any traffic leaving the site.
- **Additional control measures should be incorporated to prevent sediment on the Vehicle Tracking Pad from leaving the site.**

### 11. MAINTENANCE AND REMOVAL

- Visually inspect to ensure Vehicle Tracking Pad is installed and anchored properly.
- Daily cleanup may be required; if dirt is tracked onto the street it must be cleaned up within 24 hours (reference the Street Sweeping fact sheet [No. 35] for more information).
- Using Pre-fabricated Tracking will require more frequent maintenance than aggregate-based Vehicle Tracking Pads.
- Site Signage may be used to indicate and direct traffic to construction site exit locations with Vehicle Tracking Control.
- Vehicle Tracking Pads should only be removed when site is stabilized and the potential for vehicle tracking to occur does not exist. Aggregate from tracking pad may be washed and dispersed onsite at locations approved by the Engineer; Pre-fabricated Tracking Pads may be washed offsite, recycled, and reused.
- Some sites may require wheel washing stations, refer to the Vehicle and Equipment Management fact sheet (No. 37) for more information.