Surface Cleaning Requirements (1008)

- Clean the pavement surface using industry recommended methods, such as regenerative air or vacuum sweeping, at least twice per year.

- If water ponding persists on the pavement surface after a storm event, clean the pavement surface to mitigate clogging.
Regenerative Air & Vacuum Sweepers
Shop Vacuums & Walk Behind Vacuums
Pressure Washing with Vacuum

This vacuum-excavator combines pressure washing and vacuuming to provide deep cleaning of clogged pervious pavements.
Run-on Interface
Permeable Pavers/Blocks with Joints Aggregate

• Replenish the joint aggregate in accordance with industry recommendations.

• If necessary, remediate the system by extracting accumulated debris and aggregate from the joints using a vacuum and re-filling the joints with new aggregate.
Surface Infiltration Rate Testing

- If the pavement surface infiltration rate is questionable at any time during the effective life of the pavement, the administering authority may require infiltration rate testing to verify that the surface infiltration rate is no lower than 10 in/hr.

- If verification of in place pavement surface infiltration rates is necessary, conduct pavement surface infiltration rate testing per ASTM C1701 Standard Test Method for Infiltration Rate of In Place Pervious Concrete for pervious concrete and porous asphalt, ASTM C1781 Standard Test Method of Surface Infiltration Rate of Permeable Unit Pavement Systems for permeable pavers/blocks or other methods approved by the administering authority.

- Qualified personnel, as determined by the administering authority, shall perform inspection, infiltration testing and maintenance work.
Summary

• Surface cleaning at least twice per year (spring-fall).

• Use industry recommended methods/equipment for specific pavement type (not one size fits all).

• Identify specific cleaning options in long-term maintenance plans (no generic plans).

• Inspect and evaluate surface conditions prior to cleaning (may need targeted cleaning).