Permeable Pavement Feasibility Checklist

### Stormwater BMP Category
- ☑ Low Impact Development Practice
- ☑ Alternative to Impervious Surfaces

### SWM Credits
- ☑ **SWM Criteria #1**: Runoff Reduction
  - ☐ Non-underdrained (infiltration): subtract 100% of storage volume from RR<br>
  - ☐ Underdrained: subtract 50% of storage volume from RR<br>
- ☑ **SWM Criteria #2**: Water Quality Protection
  - ☐ Non-underdrained (infiltration): subtract 100% of storage volume from RR<br>
  - ☐ Underdrained: subtract 50% of storage volume from RR<br>
- ☑ **SWM Criteria #3**: Aquatic Resource Protection: Proportionally adjust CN to calculate ARP<br>
- ☑ **SWM Criteria #4**: Overbank Flood Protection: Proportionally adjust CN to calculate Q<br>
- ☑ **SWM Criteria #5**: Extreme Flood Protection: Proportionally adjust CN to calculate Q<br>

### Site Feasibility

#### Contributing Drainage Area
- ☐ Replaces traditional impervious pavement surfaces
  - ☐ Practice should not receive ‘run-on’ from additional contributing drainage area
  - ☐ If additional area of ‘run-on’ cannot be avoided, specific pretreatment and maintenance provisions may be necessary.

#### Site Topography
- ☐ ≤ 6% pavement slope
- ☐ Subgrade slope as flat as possible

#### Depth of BMP
- ☐ ≥ 2’ feet total depth: Surface course, bedding layer, stone reservoir depth as needed
  - ☐ Stone reservoir depth for RR<br>
  - ☐ Stone reservoir depth for ARP<br>
  - ☐ Stone reservoir depth for Q<br>
  - ☐ Stone reservoir depth for Q<br>

#### Water Table
- ☐ ≥ 2’ separation (bottom of practice to SHWT)

#### Soils
- ☐ ≥ 0.25”/hr infiltration rate (infiltration; 100% Runoff Reduction & Water Quality Protection)
- ☐ ≤ 0.25”/hr infiltration rate (underdrain; 50% Runoff Reduction & Water Quality Protection)

### Site Applicability
- ☐ Rural Use: Suitable for use in rural development areas
- ☐ Suburban Use: Suitable for use in most suburban residential and commercial areas
- ☐ Urban Use: Suitable for use on most commercial/business developments
- ☐ Hot Spots: Not suitable for urban stormwater hotspots
- ☐ Construction Costs: Low Medium High
- ☐ Maintenance: Low Medium High