

Site ID/Name: _____

Location: _____

Inspector: _____

Date: _____

PERMEABLE PAVEMENT

Pervious Concrete (PC)
(applicable to Porous Asphalt)



GOOD EXAMPLES

GENERAL INSPECTION QUESTIONS

Note: 'Yes' indicates a maintenance need and action

General:

- 1. Is access to the site inadequately maintained for inspection and maintenance? **YES / NO**
- 2. Is there evidence of runoff short-circuiting (going around) the practice? **YES / NO**
- 3. Is there evidence of gullies, rills, or erosion around the practice? **YES / NO**

Drainage Area: *(pertains to the surrounding landscape that will contribute runoff to the practice)*

- 4. Does the vegetation around the practice need to be pruned/mowed?
Is vegetation unhealthy? (e.g., signs of bare/dead grass) **YES / NO**
Note: grass clippings should be removed.
- 5. Is there any exposed or unstable soil around the practice that could cause sediment accumulation within the practice? **YES / NO**

Permeable Pavement Surface:

- 6. Is there evidence of long-term ponding or standing water in the practice? **YES / NO**
- 7. Are there signs of the pervious concrete settling or cracking? **YES / NO**

Inlets/Outlets:

- 8. Do drainage ways (overland flow or pipes) to the practice have trash, debris, large branches, etc. present? **YES / NO**
- 9. If cleanouts are included, are caps missing? **YES / NO**
- 10. If an underdrain system is included, are there signs of it clogging or a blockage? **YES / NO**
- 11. Does the emergency overflow have trash, debris, sediment or structural damage present? **YES / NO**

QUALITATIVE INSPECTION QUESTIONS (GOOD/MARGINAL/POOR)

Note: 'Poor' indicates a maintenance need and action

- | | | | |
|---|-------------------------------|--------------------------|-----------------------|
| 12. Rate the presence of undesirable vegetation. | GOOD (<25% of area) | MARGINAL (25-50%) | POOR (>50%) |
| 13. Rate the presence of sediment accumulation in pore spaces. | GOOD (<25% of area) | MARGINAL (25-50%) | POOR (>50%) |
| 14. Rate the presence of debris (e.g., leaves, trash, grass clippings) on the permeable pavement surface. | GOOD (<25% of area) | MARGINAL (25-50%) | POOR (>50%) |
| 15. Rate the presence of concrete raveling. (e.g., aggregate becoming loose) | GOOD (<25% of area) | MARGINAL (25-50%) | POOR (>50%) |
| 16. Is there visible smearing of pervious concrete? (e.g., no visible pore space) | GOOD (<25% of area) | MARGINAL (25-50%) | POOR (>50%) |

COMMENTS: _____

EXAMPLES OF POTENTIAL ISSUES:



5 UNSTABLE DRAINAGE AREA & 13 SEDIMENT (POOR)



5 UNSTABLE DRAINAGE AREA & 14 DEBRIS (MARGINAL)



6 STANDING WATER, 12 VEGETATION (POOR) & 13 SEDIMENT (POOR)



6 PONDING / STANDING WATER



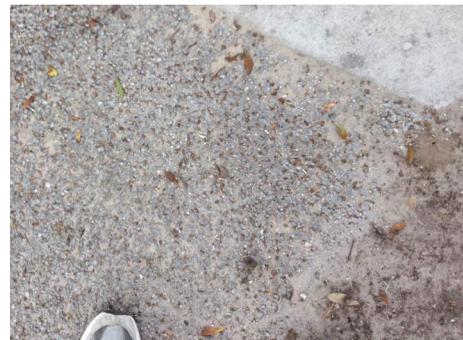
7 CRACKING-STRUCTURAL



7 CRACKING & 15 RAVELING (POOR)



7 CRACKING-STRUCTURAL



13 SEDIMENT (POOR)



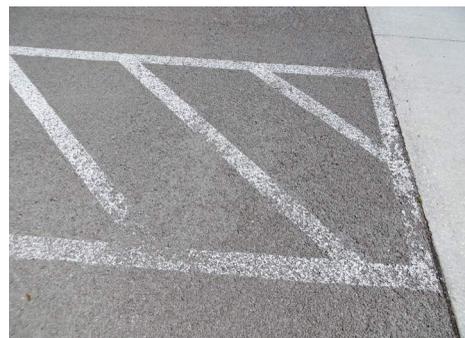
13 SEDIMENT (POOR)



14 DEBRIS (MARGINAL)



15 RAVELING (POOR)



15 RAVELING (MARGINAL)



16 SMEARING (POOR)



16 SMEARING (POOR)



**16 SMEARING (POOR)
(COVERED WITH ASPHALT SEALER)**