

**Agenda**  
**Permeable Pavement Workshop**  
Thursday September 5<sup>th</sup>

Milwaukee County Sports Complex, 6000 West Ryan Road, Franklin

8:30 - Introductions (Steve Keith)

8:40 - Overview of permeable pavement types (Chip Leedom)

- permeable concrete and spancrete
- permeable asphalt
- brick pavers
- grass pave
- rough costs per square foot installed for each

9:10 - Pollutant removal effectiveness and WDNR credits, MMSD Chapter 13 compliance (Pete Wood)

- TSS and other pollutant removals (literature)
- SLAMM modeling and perm pavements
- LID Quicksheet

9:30 - Milwaukee/Wisconsin-area applications and how they have performed, lessons learned/what went wrong, urban legends (Sean Hayes, Bryan Simon)

- Hart Park
- Strip mall on Rawson near 76<sup>th</sup>
- Johnson Controls parking lot
- Milwaukee County Sports Complex

9:55 – Break and walk over parking lot (Hayes)

10:15 - Design considerations for effective application (Hayes & Keith)

- subsurface conditions, infiltration rates
- loading limits, restricted uses
- aggregate choices, binding materials
- cold weather considerations
- skilled installation practices, certifications (IPICP, NRMCA)
- sample specs, design guides, WDNR's tech standard
- code/ordinance barriers, solutions
- relationship to LEED certification

10:40 - Alternatives to using permeable pavement (Mark Mittag)

11:00 - Maintenance issues (20 min; Mittag)

11:30 - Discussion & Wrap Up (Keith)

**Directions to the Sports Complex**

The Milwaukee County Sports Complex is located just off Ryan Road in Franklin. Take Ryan Road to 60<sup>th</sup> Street. There is a large sign there. Turn north and follow the road ¼ mile to the building. **Note: the access road is under construction, but passable.**