

UMD 501 – Post-Construction Storm Water Management BMP

Title: **Impervious Surface Review – Facilities Management Areas**

The Illicit Discharge/Construction Sub-committee reviewed the impervious surface areas that are maintained by Facilities Management. Each area looked at was classified as:

- Necessary as impervious surface
- Removal
- Non-replacement at end of useful life
- Solid/strong surface needed, but could be replaced with pervious systems

In general it was decided that most of the areas maintained by Facilities Management are needed for the transportation of people and vehicles. However, some areas were considered redundant and others only needed for infrequent use. Infrequently used areas are good candidates for replacement with pervious systems.

The IDC sub-committee recommends that Facilities Management look in to the following modifications:

1. **Multiple walk entrances by field 4** – Remove one if not necessary
2. **Multiple walk entrances across from Snelling Ave.** – Remove one if not necessary
3. **Walk to Fire Hall driveway** – Do not replace when useful life is up (It is a potential safety hazard, and new JISSB entrance will be closer to Junction / College Street intersection)
4. **Med Courtyard north of Green House** – Replace with pervious surface.
5. **Multiple walks to/from DAdB** – Look at redesign to reduce impervious surface when replacement is needed
6. **Walk between SPHC & WMH** – Remove if not necessary
7. **South walk from Burntside to LAnnex** – Do not replace when useful life is up (It is already not used during the winter)
8. **Center section of Ordean Court** – Replace with pervious surface.
9. **Large expanse of concrete between L / SBE / Eng.** – Remove unnecessary areas to green up space
10. **Area by Griggs Field / WWFH** – Replace all but standard walk width with pervious surface (Rest of area only used during events)
11. **Paved areas at west end of Griggs Field** – Replace all but standard walk width with pervious surface. (Rest of area only used during large events)
12. **Parking area & concrete at top of Rock Hill** – Remove and restore to natural surroundings.
13. **Exercise area across from Lot M** – Remove and restore lawn.

There was also discussion on the number of and need of patios with every new building constructed. We recommend that A/E firms justify the use of non-building / nonstandard walkway impervious surface in future installations.