Road School

Permeable Pavements on Campus

March 6, 2013
Purdue’s History of Storm Water Management Projects

- 2009 Campus Wide Sustainable Storm Water Master Plan
  [http://www.wabashriver.net/hydrology/](http://www.wabashriver.net/hydrology/)

- Porous Asphalt
  1. 2007 Horticulture Service Dr.,
  2. 2008 N. Beering Drive,
  3. 2008 Band Practice Field, and
  4. 2010 BCC Parking Lot

- Pervious Concrete Parking Lots
  5. 2007 3rd and Russell
  6. 2010 Armory
  7. 2011 Marriott Hall

- Permeable Pavers
  8. 2008 Rush Crossing the Tracks
  9. 2011 Stadium Mall
  10. 2009 Hilltop Apts
  11. 2012 Nelson Food Science
  12. 2012 Horticulture Rain Garden
STADIUM PARKING LOT
STORM WATER INFILTRATION SYSTEM
2008 - POROUS ASPHALT
#2  2009  Hilltop Apartment Plaza
#4 2010 Armory Parking Lot Paving
#4  Armory Parking Lot
#5 2008 Band Practice Field
#6 Black Cultural Center
#7 3rd and Russell
Pervious Concrete Parking Lot
#8 2008 RUSH Crossing at the Tracks
#9 2011 Marriott Hall- Service Dock Area
First and University St.
#10 2012 Nelson Entryway
#10 2012 HORT Entryway
Lessons Learned

1. Infiltration tests pre & post
2. Timing of pavement installation with a sub-drain
3. Emergency overflow path
4. Maintenance for permeable pavements
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