Current Pervious Concrete Pavements in the Greater Kansas City Area
(Updated Dec. 2012)

Legends Honda, Kansas City, KS
I-435 & Parallel Parkway
Fall 2012, 640 CY of pervious concrete, granite 3/8 inch mix design.
George J. Shaw Construction Contractors, Fordyce Concrete Ready Mix, Turner
Construction General Contractor, CFS Engineers Inspectors. Pervious parking stalls and
asphalt drive lanes. In the pictures the pervious is still be cured under poly sheeting.

Wabash Rd & Emanuel Cleaver Blvd., Kansas City, MO
Part of the Green District and TIGER Grant Program
Late Summer – Fall 2012, 57 CY of pervious concrete, ¼ inch crushed limestone mix
Musselman & Hall Contractor, Lafarge A & C Ready Mix, City of Kansas City, MO,
KCATA Funding as part of the Green Zone in Kansas City, MO.

Botts Road Sidewalk/Trail, Kansas City, MO
Hwy 150 at Botts Road, Northwest along the eastside of the Honeywell Plant and Botts Rd.
Fall 2012, 106 CY of pervious concrete, crushed ¼ inch limestone mix
Realm Construction Pervious Contractor, Loch General Contractor, Lafarge A & C,
Taliaferro & Browne Inc., Vireo, MoDOT and Terracon Inspection.
Vatterott College Parking Lot, Kansas City, MO
Parvin Rd & I-435 near Worlds of Fun, stalls pervious concrete, drive lanes asphalt
Fall 2012, 120 CY of pervious Concrete, crushed ¼ inch limestone mix
Summit Concrete Contractor, Lafarge A & C Ready Mix, Lutjen Engineers

Firestone Automotive Care Center, Kansas City, MO
Barry Road & 169 Hwy (Northwest Corner)
Oct. 23, 2012, Jeff Hoge Contractor, Penny’s Concrete, Lutjen Engineers
112 CY of pervious concrete, 3/8 inch granite rock mix
Parking Stalls are pervious and drive lanes are asphalt.

Walgreens Leawood Town Center
117th & Roe in Leawood, KS in Town Center Plaza
Fall 2011, owner installed rain gardens and part of the parking stalls as pervious concrete for stormwater mitigation. Beran Concrete Contractor and Geiger Ready-Mix Co. placed about 850 sf of pervious concrete.

Pervious Parking Lot – Used Car Sales, Kansas City, MO
4110 Independence Ave., Kansas City MO
Built in late summer and fall in 2011, the owner was told he was going to have to make a huge impact to keep stormwater on his property and not let it run downhill to his neighbor.
While he had options, pervious concrete had more bang for the buck. Contractor Walker Decorative Flatwork Construction and Lafarge A & C and Geiger Ready-Mix Co. placed approximately 250 yards.

Front Street Improvements, Kansas City, MO
Along the Missouri River near the new Kit Bond kcICON bridge, west of the casino
The pervious concrete parking stalls were constructed in 2011. The contractor is Emery Sapp & Sons Inc. and Lafarge A & C is the ready mix producer. The drive lanes in the parking lot are regular concrete and the parking stalls are pervious concrete. Approximately 20 CY of pervious placed.

Longview Tract Park, (South) Kansas City, MO
1701 Longview Road, Kansas City, MO
Constructed 2011. Team members: Kansas City Missouri Parks & Recreation, Confluence, KH Engineering, 360 Architecture, Barsto General Contractors, GMR Concrete Construction placed the pervious and Geiger Ready-Mix provided the pervious concrete mix. Approximately 200 CY.

Middle Blue River Basin Stormwater/Sewer Improvements, Kansas City, MO
Green Solutions Pilot Program (Started in 2011)
77th & Holmes East to Troost, interwoven in the Marlborough Neighborhoods
Mega Industries & Ash Grove Ready Mix/Century Concrete. Miles of sidewalk have been placed with pervious concrete to keep stormwater runoff out of the curb and gutter and streets to slow down and/or eliminate stormwater runoff from overtaking the combined stormwater and sewer system during rain events. KCMO public relations promoted the pervious sidewalks on local TV and in the Kansas City Star during the summer of 2011. More detailed information can be found HERE.
Pervious Circular Driveway, Mission Hills, KS
This tinted pervious driveway was placed September 2010 by certified contractor Jeff Hoge Concrete and Penny’s Concrete. This driveway used pervious concrete to comply with the city storm water management program.

Kansas City Zoo, Polar Bear Exhibit Area, Kansas City, MO
Built in June and July 2010, pervious concrete is part of the walking trail and in front of the polar bear exhibit. Pervious Subcontractor Intec Construction and Lafarge A & C, both pervious certified. (The decorative concrete flatwork portions, adjacent to the pervious, placed by Musselman & Hall Contractors.)
**Johnson County Community College Stormwater Project, Overland Park, KS**
A portion of the project includes pervious concrete path-walkway around a dry detention and bio swale area, plus a side walk around a parking area. Built July & August 2010, this project has multiple BMP’s in place. Pervious Subcontractor Collene Concrete Inc. and Geiger Ready Mix both pervious certified.

![Johnson County Community College Stormwater Project](image1)

![Johnson County Community College Stormwater Project](image2)

**Kansas Bioscience Park Venture Accelerator Parking Lot, Olathe, KS**
The parking lot design has traditional concrete drive lanes with pervious concrete parking stalls, constructed in October 2010. Pervious Subcontractor Lithko Contracting and Penny’s Concrete both pervious certified.

![Kansas Bioscience Park Venture Accelerator Parking Lot](image3)

![Kansas Bioscience Park Venture Accelerator Parking Lot](image4)

**Truck Trailer & Hitch, Hickman Mills Road, Pervious Detention Pond, Grandview, MO**
Paved in June 2010 by Pervious Contractor Midwest Concrete and Fordyce Concrete both pervious certified. The owner was having issues with stormwater leaving his site. It was fixed with concrete pavement and a pervious concrete detention pond to collect, cool and clean the stormwater. Traditional concrete strips were placed every 10 feet to enable the pervious concrete to be poured in one day, due to construction schedule crunch! 6 inches of concrete on a variable level clean aggregate base.

![Truck Trailer & Hitch, Hickman Mills Road](image5)

![Truck Trailer & Hitch, Hickman Mills Road](image6)
Middle Jersey Creek Project, Troup Alley, Kansas City, KS
Between 15th & 16th Streets and Troup in Kansas City, KS, place May 5, 2010
Miles Excavating & Penny’s Concrete both pervious certified
Granite concrete mix design, placed by buggy (neither conveyor belt nor concrete truck could get in the alley to place the pervious). Spring cool day, high humidity, rained 2 days before, low wind. Another picture to come!

KCATA Parking Lot, Kansas City, MO
31st & Troost, Kansas City, MO, May 13, 2010, 6” thick. Rained on & off the week before, the temperature on placement day varied from about 58° to 64°, high humidity low winds. The entire morning it misted (not rain but heavy mist) during the pour. Placed by Musselman & Hall and Lafarge both pervious certified. Approximately 250 cubic yards of Limestone/St. Louis Ledge mix design. Concrete ribbons were placed between paving strips prior to pervious paving day, to enable the lot to be placed in one day.

Thermo Fisher Scientific Parking Lot Extension, Lenexa, KS
12400 Santa Fe Trail, Lenexa, KS
Placed April 29, 2010, 8” thick with 12” clean rock base
Placed by Antes Concrete Inc. and Geiger Ready Mix both pervious certified. +/- 6500 sq. ft, 150 cu yards, two 20’ bays. A concrete ribbon was placed in the middle to enable the crew to pave the pervious the same day and expedite the schedule.
**Studio 804, KU Student Project 2010, Kansas City, KS**

LEED for Homes House at 36 S. 16th Street, KCK

Paved April 16, 2010, 6” thick driveway, varied thickness clean rock base.

Placed by Ash Grove Ready Mix and Certified Pervious Volunteers, Murray Concrete and Decorative Concrete Supply. Approx. 8 cubic yards, granite concrete mix design.

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**Highland View Park, Kansas City, MO Park Sidewalk**

700 NE 85th Terrace (NE 85th Terrace & N. Virginia Ave), North Kansas City, off North Oak Trafficway

Placed November 2009, 4” thick pervious, 8’ wide trails

Placed by National Streetscapes and Century Concrete both pervious certified

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**Westwood Park Sidewalk & Path, Kansas City, MO**

Westwood HOA and KCMO Parks & Rec., (Partners in Parks Program)

Sidewalk & Walking Paths Pervious Concrete
Placed Nov. & Dec. 2009
Placed by V.F. Anderson and Lafarge/Quicksilver both pervious certified

Kansas State University Sidewalk (Manhattan, KS – slightly outside the KC Metro Area)
Outside the K-State Student Union, beside the adjacent new parking garage
Placed November 2009
Placed by R. M. Baril and Midwest Concrete both pervious certified

New Fire Station #5 Parking Lot, Lenexa, KS
96th & Prairie Star Parkway, Lenexa, KS
Placed September and October 2009
Placed by Collene Concrete and Geiger Ready Mix both pervious certified
Pervious is helping the construction team earn LEED® points for LEED NC® and mitigate stormwater issues
Grounds Park – Off Leash Dog Park, Parking Lot & Trail Head, Blue Springs, MO
20th & Jefferson, Blue Springs, MO, near Adams Dairy Parkway & I-70
Placed September 2009
Placed by National Streetscapes & Lafarge A & C both pervious certified

Recycling Center Parking Lot, North Kansas City, MO
1851 Howell, NKC, just a few blocks south of Armour Road
Placed September 2009
Placed by Nate Apple Concrete and Penny’s Concrete both pervious certified

Studio 804 KU Student Project Spring 2009, Sidewalk & Driveway, Kansas City, KS
3716 Springfield St, Kansas City, KS 66103-2007
Placed by Murray Concrete with various volunteers and Century Concrete, both pervious certified. 4 inches of pervious concrete (granite) over 6 inches or more clean rock base. A french drain collects and moves the water to daylight at the garage doors, due to the grade of the driveway towards the home.
Oregon Trail Park, Olathe, KS
Robinson Road & Old Hwy 56, Olathe, KS 66061 (Near K-7 & Old Hwy 56)
Placed September 2008
Placed by Nate Apple Concrete and Penny’s Concrete, both pervious certified
8 inches pervious pavements (pea gravel) over rock base (thickness varies with the grade)
with filter fabric. Over 41,000 sq ft. pervious concrete parking lot. This pervious parking
lot has an additional 60,000 sq. ft. of conventional concrete paving draining onto this
pervious lot. The pervious parking lot was ultimately used to Collect, Cool and Clean
(filter) stormwater before it is redirected into the wet land area adjacent to it. This project
has Johnson County Stormwater money involved in the project as well as the City of Olathe,
KS funds.

Picnic Table Pad, Mission Hills, KS
63rd & Stateline behind the Mission Hills City Hall, near the playground
Placed July 2008
Placed by John Belger Construction & Century Concrete Co both pervious certified
Southeast Elementary School, Park Hill School District, MO
5704 NW Northwood, Kansas City, MO 64151, Near 64th & I-29
Placed July 2008
Placed by Leavcon II contractor, Geiger Ready-Mix, both pervious certified
Approximately 200 yards of pervious concrete placed in about 7 hours, with two ready mix trucks feeding a conveyor belt placement system. This parking facility was originally planned to be porous pavers, but due to a lengthy construction schedule for the pavers, pervious concrete was substituted to quickly place more economically and with lower future maintenance.

Test slabs in Merriam, KS
9900 West 75th Street, Merriam, KS 66204 in front of the Concrete Materials Plant.
Placed Summer 2005 by volunteer using Concrete Materials pervious concrete
Test slabs are at the front of the plant facing the street.
The green tinted slab is pervious and performing well, the brown tinted slab is much less pervious.

Discovery Center, KCMO
4750 Troost Sidewalk on North side of the campus.
Placed in 2007 by volunteers with Lafarge A & C pervious concrete
A bicyclist couldn’t wait for the concrete to cure before riding on it, note the ridges the tires left in the fresh concrete! Four inches of pervious concrete on 4 inches of base rock.
Entrance to a gravel parking lot Sugar Creek, MO, Lafarge Plant
15100 E. Courtney Atherton Rd., Sugar Creek, MO  64058-3307
Placed November 2005
This is the first pervious concrete placed in the Greater Kansas City Area.
Placed by Mead Construction and Lafarge A & C.

Residential side street in Leavenworth, KS
2nd & Maple Street, Leavenworth, KS.
Placed in December 2005, one of the first pervious pavements placed in KC
Placed by Leavcon II and Geiger Ready Mix both pervious certified
A small residential street in Leavenworth, KS with no curb & gutter.
Approximately 100 yards of pervious concrete with pea gravel.
8 inches of pervious concrete over 8 inches of gravel base with filter fabric.

Private parking lot in Olathe, KS at Geiger Ready Mix Plant
875 Old Highway 56, Olathe, KS 66061-4914.
Placed December 2005
Placed by Leavcon II & Geiger RM.
A parking lot constructed with 437 cubic yards of pervious concrete with granite rock.
6 inches of pervious concrete over 14+ inches of rock base with filter fabric.
There is a second lot placed over a year later just south of this original lot, it runs up
against the front doors of the Lister Petter building. The second lot is in much better
condition. The first lot did not use soy bean oil in curing it, it did not have fibers in
the mix or sand in the mix and the curing methods used then are not to our current
standards to 3-5 minutes behind the screed. As a result the first lot has surface
raveling. It is being considered for a national research project to test pervious
concrete overlays to mend it.

I’Lan Park, Leawood, KS
Awarded the Portland Cement Association 2008 National Award for Sustainability
124th & Nall Avenue, Leawood, KS
Placed March 2007
Placed by JM Fahey & Ash Grove Ready Mix both pervious certified
A city park’s parking lot, 2300+ square yards, approximately 120 cubic yards of
pervious concrete with granite rock, 6 inches of pervious concrete over 8 inches of 1
inch clean rock base with filter fabric.