



Best Practices Report | green infrastructure

Southeast Michigan Council of Governments

Detroit, MI

2010 Regional Planning

http://www.semco.org/Sustainability_Consortium.aspx

SEMCOG's Regional Green Infrastructure Vision for Southeast Michigan points towards a greener, more sustainable future for the region

SEMCOG's green infrastructure vision, the creation of which is one of eight projects funded by HUD through SEMCOG's Category 2 regional planning grant. First, SEMCOG undertook a sophisticated land cover study of the entire seven-county region and identified all existing green infrastructure including park land, other protected areas, rivers and streams, lakes, and other natural amenities. After completing the study, SEMCOG then created a vision to expand the existing network based on data analysis and scenario planning. Finally, SEMCOG developed recommendations to implement the vision geared towards the public, decision-makers, implementers, designers, and government agencies on how to achieve the vision which would result in cleaner air and water among other desirable outcomes.

<http://www.semco.org/ProgramsProjects.aspx?id=90029>

Tags

green infrastructure

City of University City

University City, MO

2010 Community Challenge

<http://www.parkviewgardensvision.org/>

Exceptional TOD plan for the St. Louis region's first "car-optional" neighborhood

Defined by its sturdy brick apartments and graceful tree-line streets, University City's Parkview Gardens neighborhood is both the historic and cultural heart of University City and centrally located within the St. Louis metropolitan area. Bordered by one of the nation's great commercial streets—the Delmar Loop—and University City's historic civic center, the Parkview Gardens neighborhood is bounded on two sides by a vibrant shopping, entertainment, and cultural arts district.

However, pedestrian, bike and vehicular connections--both within the neighborhood and to outside destinations--are inadequate and deteriorating.

The goal of the Parkview Gardens Neighborhood Sustainable Development Plan is set the state for development that fully leverages the neighborhood's assets and results in the region's first "car-optional" neighborhood. The extensive and detailed plan attends to every important detail by analyzing a dozen different "neighborhood infrastructures," including the physical determinants of public health and safety; waste, recycling and utilities; blue/green infrastructure; public space; and mobility and transit infrastructure. When overlaid, these infrastructures paint a comprehensive, cross-cutting, and thoroughly interconnected picture of a healthier, more walkable, more accessible, and thriving future.

<http://www.parkviewgardensvision.org/about-project/about-project>

<http://www.parkviewgardensvision.org/sites/default/files/files/Parkview%20Gardens%20work%20plan%205-4-11.pdf>

Tags

equitable development, green infrastructure, neighborhood/downtown plan, public transit, TOD

Mid-America Regional Council (RPG)

Kansas City, MO

2010 Regional Planning

<http://www.marc.org/Regional-Planning/Creating-Sustainable-Places>

MARC develops Natural Resource Inventory

1/29/2014

In early 2014, MARC completed an update to their 2009 Natural Resources Inventory, this time entitled the NRI v2.0, which covers the entire region, and provides much greater detail using geographic information systems technology to produced detailed maps at very high resolution. The NRI is a detailed, GIS-based inventory of natural assets in the metropolitan area such as impervious surface, wetlands, forest, grasslands and streamways. NRI v2.0 will help communities assess their natural assets and assess potential issues and opportunities with respect to specific developments.

Tags

capacity building, green infrastructure

City of Cincinnati

Cincinnati, OH

2010 Community Challenge

<http://www.planbuildlivecincinnati.com/>

City of Cincinnati's Challenge Grant funds plans for innovative green infrastructure project in South Fairmount

Cincinnati's grant funded a plan for "daylighting" a stream in the Mill Creek watershed (Lick Run) that has been buried underground for about 100 years. When construction is complete, the Lick Run project will restore the stream and create wetlands and a park-like greenway that will be a tremendous asset to the adjoining South Fairmount neighborhood, a low and moderate income community. The Lick Run project will help Cincinnati's Metropolitan Sewer District meet its obligations under a consent decree with the US EPA to reduce combined sewer system overflows (CSOs), which includes raw sewage, into the Ohio River during peak rain events.

<http://www.npr.org/2014/01/21/264399931/more-cities-bring-buried-streams-back-to-life>

<http://archive.cincinnati.com/article/20140210/NEWS/302100014/Lick-Run-project-innovative-will-work->

http://projectgroundwork.org/downloads/lickrun/Lick_Run_Factsheet.pdf

Tags

green infrastructure

Shelby County Government

Memphis, TN; AR; MS

2011 Regional Planning

<http://www.midsouthgreenprint.org/>

As of August 2015, 13 municipalities in 3 states have adopted Shelby County Greenprint (Trail) Plan

8/11/2015

In August 2015, Germantown, Olive Branch and Walls, MS became the latest municipalities to adopt Greenprint 2015/2040. Greenprint is a regional plan that recommends the establishment of 500 miles of greenway trails and 200 miles of bicycle lanes in the Memphis area by the year 2040. More than 4,000 local residents, organizations, businesses and agencies gave input on the plan, which was developed over a three-year period by the Memphis-Shelby County Office of Sustainability and a consortium of more than 300 people representing more than 80 organizations and jurisdictions. Funding for the plan was provided by a \$2.6 million grant from the U.S. Department of Housing and Urban Development.

<http://us8.campaign-archive2.com/?u=8b25c6dafd917596bbc5d7b6b&id=214746dd5e&e=edc31e53e6>

As of August 2015, the complete list of municipalities that adopted was:

Shelby County, TN; City of Germantown, TN; City of Lakeland, TN; City of Memphis, TN; City of Millington, TN; Town of Arlington, TN; City of Piperton, TN; DeSoto County, MS; City of Hernando, MS; City of Olive Branch, MS; Town of Walls, MS; Crittenden County, AR; City of West Memphis, AR. Also at that time, 47 local organizations endorsed the Greenprint Plan.

The current list of adopting municipalities and endorsing organizations can be found here: <http://midsouthgreenprint.org/progress/support-for-the-plan/>

Tags

green infrastructure, plan adoption, transportation choice

Capital Area Regional Planning Commission

Madison, WI

2010 Regional Planning

<http://www.capitalarearpc.org/grant.html>

Fitchburg Wisconsin Completes Catalytic Stormwater Project

3/1/2013

The City of Fitchburg, WI, a member of the Capital Area Regional Planning Grant consortia, has completed a catalytic demonstration project on stormwater control. The project aimed to determine which combination of Best Management Practices (BMPs) could achieve no increase in runoff volume from new developments. To read the report click here.

<http://www.capitalregionscrpg.org/>

http://danedocs.countyofdane.com/webdocs/PDF/capd/2013_postings/Publications/ModelingReport_FINAL_web.pdf

Tags

baseline, green infrastructure, implementation strategies, water and wastewater