

IEPA Rainwater Grant - Goethe Elementary

Project Summary

Project Type: Grant Funded Projects
 Department: Facilities
 Status: Construction
 Unit Number: 23341

Budget Amount: \$1,181,450
 Budget Year: 2013
 Estimated Project Start: July 2012
 Estimated Project Complete: December 2013

Friends of Goethe School (FOGS) and Chicago Public Schools (CPS) were awarded grant funds to create a sustainable schoolyard for Goethe Elementary in Logan Square. The project addresses the impairment of waterways from urban runoff, the dangers of standing water in a children's sports field, combined sewage overflow (CSO) events, and flooding in local homes and businesses.

Financial Details

<u>Project Phase</u>	<u>Original Budget</u>	<u>Current Estimate:</u>	<u>\$1,181,450</u>
Design:	\$87,465	<u>Expenditure to Date:</u>	<u>\$25,884</u>
Construction:	\$1,011,770	<u>Percent Complete:</u>	<u>2%</u>
Environmental:	\$16,450	<u>Funding Source:</u>	<u>IEPA Rainwater Grant</u>
Management:	\$65,765	<u>Operating Impact:</u>	<u>\$0</u>
Project Total:	\$1,181,450		

Details



Ideal Program Enrollment: 810
 2011/2012 Enrollment: 799
 Space Utilization Index / Status: -1% (efficient)
 Performance Level: Level 1
 Building Age: 118 Years
 Network: Fullerton ES

Scope

This project will renovate a mostly impervious 55,650SF space in order to retain 2.6 million gallons of water that falls on the campus annually and delay its entry into waterways and combined sewers. The scope of work for this project is to retrofit the existing schoolyard following best management practices (BMPs) for green infrastructure. This will include: rain gardens (2,000 square feet), permeable paving (24,150 square feet, including 6,100 square feet in angled parking zones owned by the City of Chicago), permeable play areas (9,000 square feet), permeable running track (4,900 square feet), permeable synthetic turf field (15,600 square feet), above-ground rainwater harvesting cisterns to collect roof runoff (10,000 gallons), and a below-ground aggregate detention system underlying much of the site to collect the excess roof runoff (cistern overflow) as well as the water that falls directly on the ground.

