



project clear

What is Project Clear?

The planning, design, and construction of MSD's initiative to improve water quality and alleviate many wastewater concerns in the St. Louis region.

How much will it cost?

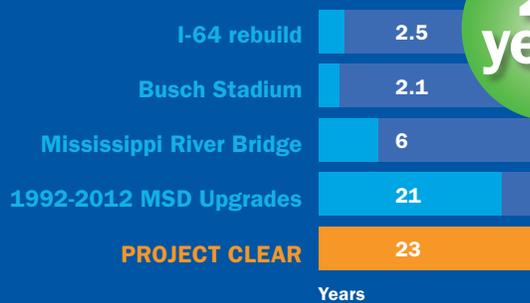
Project Clear will take \$4.7 billion – by far the largest investment of resources into the region's infrastructure.



\$4.7 Billion

How long will it take?

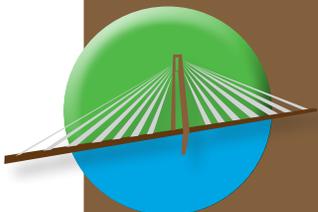
Project Clear will take 23 years – by far the largest investment of time into the region's infrastructure.



23 years

How does the cost compare?

MSD will be constructing the financial equivalent of seven new Mississippi River Bridges, nine I-64 rebuilds, or eleven Busch Stadiums.



7 bridges,

9 highway rebuilds, or



11 stadiums

What types of projects are included?

- Get the Rain Out
- Repair & Maintain
- Build System Improvements

ProjectClearSTL.org

Project Clear STL

projectclearstl

Numbers current as of March 2014.



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Why will Project Clear cost so much and take so long?

Aging systems, large size, and complex design all contribute to the Project's cost and length.

How old is MSD?

1850's

Date of some of the earliest sewer pipes in the St. Louis region.

1954

Date MSD was created as a special district under the State Constitution.

Who does MSD serve?

MSD covers St. Louis City and 90% of St. Louis County, serving approximately 1.3 million residents every day.

1.3

MILLION RESIDENTS

How large is MSD?

350,000,000+

Average number of gallons of wastewater treated every day by MSD.

6,500+

Miles of MSD wastewater sewers that move wastewater to treatment plants.

3,000+

Miles of MSD stormwater sewers that move stormwater away from homes and businesses and are not part of the wastewater system.

79

Number of sewer districts that were combined to form MSD.

Number of wastewater treatment plants that serve MSD's ratepayers.

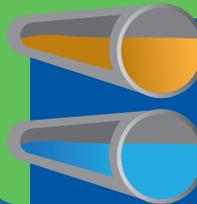
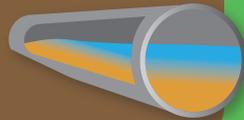
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What makes it so complex?

Think of MSD as two utilities in one, and two operating systems serving one region. One utility function removes and treats wastewater, any used water that comes from a home or business. The other utility function is stormwater management, including maintenance of the stormwater sewers, enforcement of certain stormwater rules, and other related activities.

St. Louis has two systems that carry wastewater:

The **COMBINED SYSTEM** is found mostly in parts of the region that developed earliest and this system handles both wastewater and stormwater in one pipe that all connects to a treatment plant.



The **SEPARATE SYSTEM** is found mainly in parts of the region that developed later and this system has two pipes – one for each type of water. Only wastewater pipes connect to a treatment plant; stormwater is transported back to nature.

Numbers current as of March 2014.