



**GOODWIN
BROTHERS**
CONSTRUCTION CO.

SINCE 1947

ABOUT GOODWIN BROTHERS



Established:

Type of Business:

Areas of Service:

Employees:

Trades:

Bonding Capacity:

Owned Equipment:

References:



1766 Highway 61 South
P.O. Box 110
Crystal City, MO 63019

1947

General Contractor

Heavy Industrial

Water & Wastewater Treatment Plants
Pump Stations
Bridges

Buildings

Commercial
Institutional
Educational

Specialty

Cofferdams
Concrete
Excavation
Demolition
Foundations
H-Pile
Millwright
Sheet Piling
Site Work
Steel Erection



150+

Carpenters

Laborers

Operating Engineers

Cement Masons

Ironworkers

\$100 Million for Single Project

Over 50 Pieces of Operated Equipment

**Metropolitan St. Louis Sewer District
Buzzi Unicem USA**

636.931.6084 (o)

636.931.6085 (f)

www.GoodwinBros.com

PROJECT HIGHLIGHTS



MSD Lower Meramec Wastewater Treatment Plant

- 530,000 cubic yards of mass excavations
- Process Building and Secondary Treatment Buildings
- Structures set on 70,000 lineal feet of H-Piling
- Cast-in-place concrete Pipe Gallery measuring 30 feet wide by 1,000 feet long
- 45,000 cubic yards of reinforced structural concrete
- 5,400 tons of reinforcing steel and over 1,200 tons of structural steel —both fabricated during the worst steel crisis in history
- Architectural brick, glass and structural steel exteriors
- Over 500,000 manhours worked



Buzzi Unicem USA River 7000 Project

- 44,000 cubic yards of concrete
- 4,000+ cubic yard continuous concrete pour
- Central Control Building structure
- Concrete foundations and structural steel erection
- Ductbank excavations
- 40,000 cubic yards of rock trenching and breaking
- Equipment installation
- Dome steel erection



Route 67 Bridge over Meramec River

- 47,000 lineal feet of H-Pile
- 11,000 cubic yards of substructure and structural deck concrete
- Underwater concrete placement
- 8 total cofferdams which consisted of 65,000 square feet of sheet piling
- 3 cofferdams placed within the flow of the Meramec River and 5 other land-based cofferdams
- Difficult high water and flooding conditions throughout entire project
- 100,000 yards of imported fill
- Aggressive schedule required night shifts
- Night pile driving



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PROJECT HIGHLIGHTS



Ste. Genevieve Pump Station & Levee

- One of the largest submersible pump stations in North America
- 30-foot deep mass excavation work within 600 feet of the Mississippi River
- Mass concrete walls over 12-feet thick
- Large mass excavations of over 250,000 cubic yards
- Single cast concrete sluice gates measuring 12 feet x 16 feet
- Relocation of more than 2,000 feet of waterway channel
- 50,000 tons of rip-rap channel lining
- 10,000 yards of cast-in-place concrete



Community Buildings & Municipalities

- Metropolitan St. Louis Sewer District
- Buzzi Unicem USA - River Cement
- Holcim (US) Inc.
- Doe Run Co.
- Missouri Department of Transportation
- Corps of Engineers
- Arnold Baptist Church
- Duckett Creek Public Sewer District
- City of Jefferson City, Missouri
- Jefferson College
- Jefferson County Water Authority
- Jefferson Memorial Hospital
- City of Marshall, Missouri
- City of O'Fallon, Missouri
- Rock Creek Public Sewer District
- City of St. Peters, Missouri
- City of Springfield, Missouri
- City of Topeka, Kansas
- City of Wentzville, Missouri
- West County Community Church



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