



McCann Concrete Products  
8709 State Route 159  
Dorsey, IL 62021  
mccannconcreteproducts.com  
618-377-3888  
*(In the Metro East - just 25 min.  
from Downtown St. Louis)*

# StoneSilence<sup>TM</sup> Noise and Security Barrier Walls



Electrical Substation  
Chasta, MN



[www.mccannconcreteproducts.com](http://www.mccannconcreteproducts.com)

Our Precast Noise / Security Barriers could be the perfect solution to electrical substation security and noise abatement. With over 2,000,000 sq. ft. of Noise Barrier and 150,000 sq. ft. of Screen Walls engineered and supplied in the Midwest, we have the experience and expertise to provide you with the right solutions. We can utilize a variety of panel textures and wall designs to meet your needs while providing architectural compatibility with neighboring facilities. We can even cast "thin brick" bricks into the panel face.

Quality, durable walls are a standard at McCann Concrete Products! Our StoneSilence™ II system features 5" thick structural panels and 14" x 16" reinforced posts, utilizing a minimum 5,000 psi concrete.

These walls will stand the test of time when compared to 1-1/2" thick panels and 5" x 5" posts of other "precast fence" suppliers.



Electrical Substation, St. Louis, MO

## Our Precast Wall Features:

- ⇒ MODOT, IDOT, KDOT, INDOT approved materials
- ⇒ U.S. manufactured steel reinforcing and structural components
- ⇒ Engineered to meet AASHTO and FHWA guidelines for Noise Barrier and can meet virtually any wind load requirement
- ⇒ Can be designed to IBC requirements
- ⇒ Complete design including PE stamped shop drawings
- ⇒ Sound Transmission Test- STL tested per ASTM-E90-99 STL rated at 46
- ⇒ Freeze/Thaw Test- per ASTM C666-less than 1% mad. loss after 300 cycles
- ⇒ Scaling resistance to de-icing chemicals - per ASTM C672 max. loss .03 after 50 cycles
- ⇒ Can provide architectural thin brick systems
- ⇒ Bullet Proof (30 caliber) Reistant to bullet penetration



Electrical Substation, Highland, IL

### \* Additional Products \*

Oil Spill Containment Vaults  
 Stormwater Detention Storage Structures  
 Utility Vaults  
 Transformer Pads

### Our Clients Include:

Missouri Dept. of Transportation	Metrolink, St. Louis
Olin Corp. (Winchester Division)	Ameren UE
Kirkwood School District	Mallinkrodt
City of Highland Electric Dept.	Dakota Electric Co-op