



McGill Restoration Ensures Beef Processing Facility Can Operate without Interruptions

McGill Restoration tackled a sensitive concrete restoration project in a 24/7 beef processing facility. The initial success has created a long-term partnership utilizing the experts at McGill Restoration for ongoing restoration and preventative maintenance, ensuring the large-scale facility can operate nonstop.

THE CHALLENGE

Renovating Structures in an Occupied Environment

At seven figures per day in beef processing, even small interruptions come at a major cost. The McGill Restoration experts are working several months each year to maintain and restore facilities with zero closures or operational pauses.

The beef processing facility cannot shut down operations and that presents unique challenges within the working environment. Safety containment measures were intensive to protect the beef processing staff and to provide a safe work environment for the McGill Restoration team.

Other challenges in the work environment included heat, humidity, and loud noise associated with a processing facility. Working weekends were also required to accommodate the busy times at various work stations.

COMMON SCOPE OF WORK REQUIRED

The work is ongoing and McGill Restoration spends one to two months each year on various projects. As a trusted partner, the team tackles a variety of jobs to ensure the facility is safe and structurally sound.

- ⊗ Cracked and crumbling concrete in columns
- ⊗ Exposed steel with rust and corrosion
- ⊗ Damaged and spalled ceilings

While repairs to isolated columns and various aspects of the masonry are common, the scope of work can expand to serve specific, in-the-moment needs. This means McGill Restoration is responsive and ready to jump into new work throughout the year.



THE SOLUTION

Invest in a Partnership that Works

McGill Restoration initially responded to a regular call from the Nebraska-based beef processor. They were not satisfied with turnaround times and quality from current contractor relationships and engaged McGill Restoration to test a new contractor. Several years have passed and the ongoing relationship was solidified by the quality of work delivered, timeliness and honesty about every aspect of the work needed and completed.

IN THE UNIQUE ONGOING RELATIONSHIP, MCGILL RESTORATION:

- ✓ Meets with stakeholders to guide future contracting decisions
- ✓ Provides recommendations for restoration and maintenance work
- ✓ Completes occasional projects on the go with little lead time
- ✓ Plans and executes longer projects during the winter months

DETAILED COMMUNICATION AND GUIDANCE

While McGill Restoration is working on the property, the team observes and documents issues to include in the future scope of work. Stakeholders also consult the team to discuss different solution options. McGill Restoration will offer honest feedback and in some cases, has actually discouraged specific actions.

In one case, the beef processor wanted aesthetic upgrades via paneling over masonry. While the aesthetic would have nice curb appeal, covering masonry in that fashion would have encouraged moisture entry and caused more damage over time. McGill Restoration made recommendations that would increase aesthetic appeal while also protecting the structural integrity of the masonry.

In other situations, the experts at McGill Restoration have recommended specific work outside of their specialty and provided contractor recommendations for those projects. Years of successful job completions and hard work have established a trust, and it remains a driving factor in the relationship today.





SOLVING GROUNDWATER ISSUES

Deteriorating masonry is often caused by water and chemical exposure. In the beef processing facility, groundwater presented a constant threat and was difficult to mitigate. Water entry would expose foundational and low-level column sections to pooling and a solution was needed.

The McGill Restoration team designed a creative means of water routing by trenching to a common low point where a sump pump removed water. The solution prevented pooling, creating a serious layer of protection against future damage.

REPAIRS DESIGNED TO LAST

Applying temporary solutions to crumbling masonry and corroding steel was not an option for McGill Restoration. Every project has been designed to provide the longest lasting restoration work possible. Approaching each deteriorating column and piece of masonry with the mindset that it should be fully restored rather than patched has increased the integrity of the building while preventing the need for future repairs that can interrupt the flow of work through the processing facility.

IN THE 4+ YEARS OF WORKING ON THE PROCESSING FACILITY, MCGILL RESTORATION HAS:

- ✓ Restored deteriorating concrete columns
- ✓ Repaired double-T bridge and poured new concrete ramp
- ✓ Solved pervasive groundwater issue
- ✓ Repaired damaged concrete ceiling
- ✓ Replaced corroded and rusted steel
- ✓ Repaired damaged exterior masonry

Outside of these larger repairs, smaller jobs are often completed to seal joints and address immediate issues that do not require extensive planning and containment.



THE RESULT

NE Beef Facility Is Operational and Structurally Sound

Across four years, the beef processing facility has never needed to shut down. Losing seven figures of revenue in a single day is a major hit and McGill Restoration works hard to ensure the facilities are maintained and restored to continue business as usual within the facilities.

The Nebraska-based beef processor has chosen McGill Restoration as their go-to partner and the team will continue executing precision repairs while guiding decisions to protect the investment in structures.



The McGill Way: What We Accomplished



Over \$750,000 in ongoing repairs and restoration work



Solved containment issues to work within occupied facility



Set high safety standards to protect processing facility workers alongside internal team members



Continually repair and restore concrete and steel throughout facilities

Want to Work with McGill Restoration?

Do you have a project that needs unique solutions?

Call our team to learn how McGill Restoration can bring your project to life.

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