

SCI/STEELCON

Kalamazoo, Michigan

PREQUALIFICATION BOOKLET

- Structural steel erection
- Machinery installation
- Architectural precast concrete erection
- Pre-engineered buildings
- Manufacturing / production equipment installations
- Maintenance
- Heavy industrial electrical and mechanical
- Rigging / crane services



AISC – Advanced Certified Steel Erector



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Background and Organization

SCI/Steelcon, a specialized general contractor, certified by AISC has an Advanced Certified Steel Erector (ACSE), has been in business since 1972 in the performance of projects associated with:

Manufacturing/production equipment installations
Heavy industrial electrical and mechanical
Structural steel
Structural/architectural precast concrete erection
Maintenance
Turn-key design build systems
Pre-engineered buildings
Rigging / crane service

We have the ability to perform business in the contiguous United States, and Canada. Concurrently, each individual of our management team brings to the client a range of 10 to 25+ years of specialized experience designated to our capabilities.

SCI/Steelcon is an Equal Opportunity Employer with its corporate office located in Kalamazoo, Michigan.

Because of the diversity of our firm, we take pride in our ability to:

- Use effective project management to coordinate all projects.
- Develop cost control plans tailored to each project.
- Schedule/track each job from onset through completion utilizing the latest versions of such software programs as Primavera and Microsoft Project to ensure the timely completion of the project.
- Provide our customers with experienced field personnel ensuring good company and customer relationships.

More information regarding our company can be found on our website at www.scisteelcon.com.

Member





Structural Steel, Precast Concrete, Pre-Engineered Buildings

Our experience in this area of construction is extensive. We have erected structural steel, precast concrete and metal building structures of various shapes and sizes up to several thousand tons.

SCI/Steelcon believes detailed scheduling and planning is the key to successful projects of this nature. We incorporate these ideas into our job planning, giving customers maximum cost control and productivity. Our efforts in the actual construction phase are targeted to provide a smooth working base for all companies involved in the project. We always stress good working relations, keeping projects on time and profitable.

SCI/Steelcon is one of the largest steel erectors in the Midwest. Our expertise and experience in this area allow us to successfully complete projects of all sizes.

Our Structural Steel Division has completed projects of all sizes, from small office buildings to huge manufacturing plants, high rise structures, malls and stadiums.

We completed the erection on 15,000 tons of structural steel for the Detroit Lions' new home, Ford Field. This unique and difficult project involved lifting of over 3,000 tons and has one of the most innovative roof systems ever designed.

In the area of precast concrete erection, SCI/Steelcon has completed several large precast projects including office complexes and parking decks. In 1982, we erected twin tees with a vertical span of 75 feet. At that time it was the largest vertical span in the country.

SCI/Steelcon completed the installation of an elevated mass transit guideway system in Detroit for the Southeastern Michigan Transportation Authority (SEMTA). This job, known as the People Mover, was the first of its kind to be installed in the United States. SCI/Steelcon installed a total of 173 precast concrete beams ranging from 50 to 118 tons over a three mile course in the downtown area.



To erect the beams we utilized two 200-ton cranes, each lifting one end of each beam at pre-determined points. The cranes were moved around the three mile course placing beams as required on top of concrete columns. Once the beams were in place, we used a sophisticated system to precisely align these massive pieces (+/- 1/8" tolerance). This close alignment allows the guideway to operate a fully automated shuttle system. Detroit now has a centralized transit system able to efficiently shuttle people in and out of the business district.

From small service buildings to large warehouses, SCI/Steelcon can erect various types of pre-engineered metal buildings. We have erected clear-span buildings up to 200 feet throughout the Midwest. A few of the projects we have completed include buildings for Tokai-Rika, AMT Freight, Nippondenso, I.I. Stanley, Fibrit, Consumers Power, Keiper-Recaro, General Motors, Coca-Cola, Kal-Aero, the City of Battle Creek, and the City of Kalamazoo.



Machinery Installation

Our Machinery Installation Division focuses on automated industrial machinery. We install complete robotic systems, specializing in custom automotive layouts. Automation in the robotics industry is constantly changing due to technological advances. Our expertise and technical resources allow us to service every customer application. Using sophisticated leveling devices, our work involves laying out several hundred feet of assembly line machinery that must be installed within strict tolerances. We are one of the few companies in the nation actively performing this type of work. All our projects require up-to-date installation procedures to meet ever changing specifications. We begin each job by developing a computerized time schedule analysis to allow our customers "in house" coordination from start to completion.

The General Motors/Toyota Motors Joint Venture (New United Motor Manufacturing, Inc.) project in Fremont, California is a prime example of the machinery installation work SCI/Steelcon performs. We were presented with one of the most unique contracts ever awarded to a machinery installation specialist.

Working together with General Motors and Toyota we developed a system which allowed us to cross cultural barriers and successfully complete this one-of-a-kind automobile assembly plant. This project has been deemed a "pilot" program for future plants because of the innovative designs and standards of excellence introduced by Japanese technology.



Maintenance

SCI/Steelcon's Maintenance Division offers complete service programs to keep plant machinery working and productive. We oversee the entire manufacturing process with our plant management team keeping active plants working around the clock. Labor shifts, plant shutdowns and various time limitations are all taken into consideration when developing a maintenance program. With the increased use of automated machinery in today's plants, manufacturers look for an efficient, economical means of servicing their equipment. SCI/Steelcon offers a maintenance service that allows the customer to eliminate full-time labor doing part-time work.

SCI/Steelcon is able to contract creatively to dovetail our customer's needs with each of their individual maintenance functions. Costs are reduced through labor and technology systems, taking the burden off the individual manufacturers.

Representative Customers include:

Pfizer

Dana Corporation

Subaru of Indiana Automotive

Kellogg Company

Consumers Energy-Palisades Nuclear Power Plant

James River Corporation

Menasha Corporation

AMT Freight

American Axle & Manufacturing, Inc.

Georgia Pacific

General Motors Corporation

Midlink Business Park



Major Representative Projects
Ranging from \$5,000,000 to \$35,000,000

Automotive - United States

American Axle Manufacturing - Three Rivers, MI

Framingham C-P-C Paint Shop - Framingham, MA

GM Corvette Plant Body Shop - Bowling Green, KY

GM Fairfax Equipment Installation - Kansas City, MO

GM Janesville Body Shop - Janesville, WI

GM Pontiac East General Assembly - Detroit, MI

GM Validation Center Equipment Install/GA Projects - Detroit, MI

GM Wilmington Body Shop Install - Wilmington, DE

GM Wilmington "L" Car - Wilmington, DE

Hummer H2 Project - South Bend, IN

Lansing B-O-C V-6 Engine Plant - Lansing, MI

NUMMI Toyota FX - Fremont, CA

Subaru of Indiana Automotive - Lafayette, IN

Automotive - Canada

GM Canada Body Sides - Ontario, Canada

GM Oshawa Body Shop Install - Ontario, Canada



Major Representative Projects Ranging from \$5,000,000 to \$35,000,000

Bridges

Detroit Metro Airport, Northwest Airlines Terminal - Detroit, MI

Michigan State of Michigan - Various Bridges

Chemical/Pharmaceutical

Eli Lilly & Company - Indianapolis, IN

Merck Pharmaceuticals – Indianapolis, IN

Perrigo Company - Allegan, MI

Pfizer, Incorporated - Portage, MI

Food Processing

Coca Cola Foods - Paw Paw, MI

General Mills - Battle Creek, MI

Keebler - Grand Rapids, MI

Kellogg Company - Battle Creek, MI

Packerland - Plainwell, MI

Post Foods - Battle Creek, MI



Major Representative Projects Ranging from \$5,000,000 to \$35,000,000

Medical Facilities

Blodgett Health - Grand Rapids, MI

Butterworth Health Systems - Grand Rapids, MI

Henry Ford Hospital - Detroit, MI

Metropolitan Hospital - Grand Rapids, MI

Oaklawn Hospital - Marshall, MI

Spectrum Health - Grand Rapids, MI

Paper Mills

Georgia Pacific – Kalamazoo, MI

James River Corporation – Kalamazoo, MI

Menasha – Otsego, MI

St. Regis Paper - Battle Creek, MI

USG Papermill – Otsego, MI

Structural Steel

Chrysler Technology Center – Detroit, MI

Cobo Hall Expansion – Detroit, MI

Ford Field, Detroit Lions' Stadium – Detroit, MI



Major Representative Projects
Ranging from \$5,000,000 to \$35,000,000

Structural Steel (continued)

GM MA Paint Shop Addition – Framingham, MA

GM Platinum New Building – Lansing, MI

GM Shreveport Paint Shop - Shreveport, LA

G.R. Ford International Airport - Grand Rapids, MI

Gurnee Mills Mall - Gurnee, IL

One Detroit Center - Detroit, MI

Detroit Transit People Mover - Detroit, MI

Waste Water

Battle Creek Waste Water Treatment Facility - Battle Creek, MI

Grand Rapids Waste Water Treatment Facility - Grand Rapids, MI

Kalamazoo Waste Water Treatment Facility - Kalamazoo, MI

Lansing Waste Water Treatment Facility - Lansing, MI

Pfizer Waste Water Treatment Facility - Portage, MI

Specialty Items

Gorilla Habitat - Maui, HI

People Mover - Detroit, MI

Upjohn Stack - Portage, MI

WZZM Weather Ball - Grand Rapids, MI

Projects in the Spotlight

Gerald R. Ford International Airport - Grand Rapids, Michigan

Contract value: \$15,000,000

Contracted with: The Christman Company

Project duration: 12 months

Scope of work: Structural Steel Canopy Erection

Part of the airport's 1992 Master Plan, the \$118 million structure is the largest capital development project in Grand Rapids history. The four story, 1.8 million square foot structure features covered rental car facilities, a wave-shaped canopy connecting the garage to the terminal and 4,700 new parking spaces, enough to meet forecasted needs through 2023.

The greatest technical challenge was placing the enormous steel trusses that



support the wave-like canopy, made of 3,000 pieces and three acres of glass. The trusses underwent final assembly onsite to ensure dimensional accuracy and were erected during the night.

Ford Field (Lions Stadium) - Detroit, Michigan

Contract value: \$16,000,000

Contracted with: ADF Group, Montreal, Canada

Project duration: 16 months

Scope of work: Structural Steel Erection

Ford Field was originally planned to be an outdoor stadium, simultaneously with Comerica Park, which opened in April 2000, as part of a public project to replace Tiger Stadium and the Pontiac Silverdome. Ford Field was constructed after Comerica Park, opening in 2002. It cost an estimated \$430 million to build, financed largely through public money and the sale of the naming rights.

The stadium's design incorporates a six-story former Hudson's warehouse, which had stood since the 1920s. Architecturally, the stadium



shares a likeness (and naming rights owner) with its sister stadium Ford Center, a multipurpose sports/concert arena located in downtown Oklahoma City. Hammes Company, a real estate development company in Brookfield, Wisconsin, developed the new stadium, as well as the warehouse.

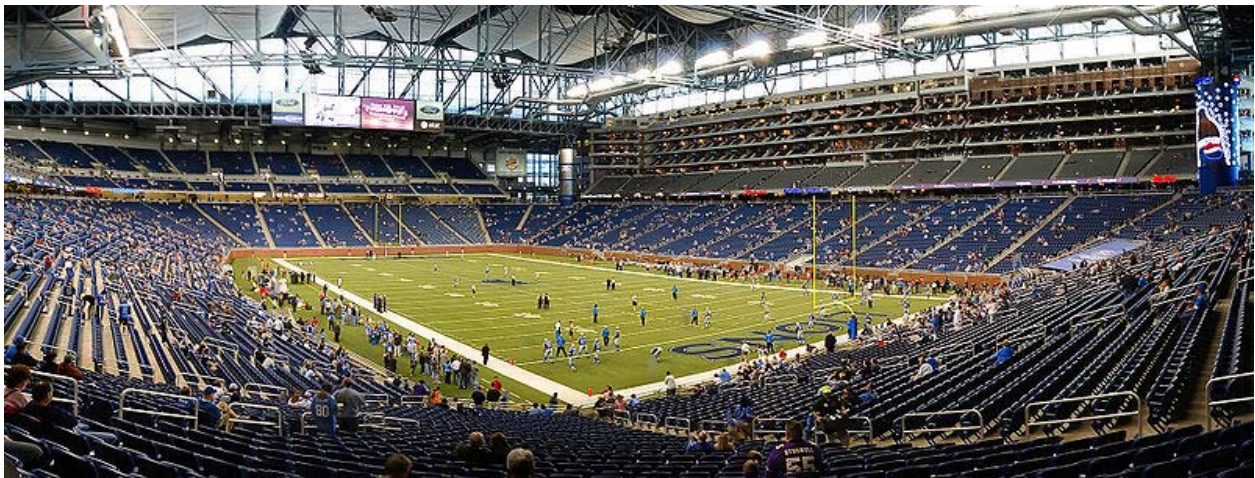
The



presence of the warehouse allows for a seating arrangement that was unique among professional American football stadiums at the time of Ford Field's opening. The majority of suites at Ford Field are located in the Hudson Warehouse along the stadium's southern sideline, as are the lounges that serve the premium club seats on that side of the field. The bulk of the grandstand seats are located along the northern sideline and both endlines, with gaps in the stadium's upper half at

the southwest and southeast corners. The upper deck on the stadium's northern sideline also contains one level of suites and a smaller section of club seating. A similar design was implemented at the renovated Soldier Field, albeit with the use of a new structure (as opposed to an existing building) to house four levels of suites.

Unlike most indoor stadiums, Ford Field allows a large amount of natural light to reach the FieldTurf field, thanks to immense skylights and large glass windows at the open corners. The windows along the ceiling are frosted to mimic the automotive factories that are prevalent in Metro Detroit. The southwest corner provides the seating bowl and concourse with sunlight year-round and also offers fans a view of downtown Detroit. To prevent the stadium from becoming an overly imposing presence in the Detroit skyline, the playing field and lower bowl (100 level) were set below street level, similar to the design at adjacent Comerica Park.



Ford Field is one of the few venues in the NFL that has end zones in the east and the west (the others being Sun Life Stadium, the Georgia Dome and Cleveland Browns Stadium). The NFL has a rule against this type of construction, due to the sunlight which can be a major distraction to the players on the field. The NFL had to give permission for the east/west end-zone construction, because the Hudson's warehouse would have had to be altered otherwise. The natural light is not a distraction to the players in a day game, because the light only reaches as far as the sidelines, leaving the field still properly lit with the combination of artificial stadium lighting and sunlight.



Administrative Personnel

- Timothy Russell..... *President*
- James Seeley..... *Vice President of Operations*
- Michael Russell..... *Controller*
- John Bauman..... *Project Director*
- Robert Russell..... *Senior Estimator*
- Irene Russell..... *Contracts Manager*
- John Irmen..... *Purchasing Manager*
- Scott Russell..... *Equipment and Safety Manager*
- Max Huntoon..... *Senior Project Manager*
- Scott Sampley..... *Senior Project Manager*
- Jeff Ouding..... *Project Manager*

Note: Resumes' available upon request.

Safety

Thank you for allowing SCI/Steelcon to submit our safety program to your company. We stress project safety at all times and I have included some basic information for your review. Our safety program is divided into components that allow us to present both the customer and employee a safe working environment. I think you will find our safety standards meet or exceed most requirements. Our projects range from major automotive retooling to nuclear power plants. We have always met the stringent safety standards these various construction sites present. Listed below are components of our program.

- **CORPORATE PROGRAM**
- **OSHA COMPLIANCE FOR CONSTRUCTION EQUIPMENT**
- **PROFESSIONAL REFERENCE AND ASSISTANCE**
- **SAFE2WORK.COM**
- **SITE SPECIFIC PLAN**



The components above are incorporated to form our corporate safety program. With the diversity of safety compliance in today's construction environment, this plan allows us to tailor to individual project requirements. If we are granted the opportunity to work for your company, we can formally submit a job specific safety plan per your request.



Corporate Safety Program

SCI/Steelcon is committed to providing its employees with a safe and healthy workplace.

ACCIDENT PREVENTION

- New Employee Orientation
- Safety and Health Policy Statement
- Safety Policy
- General Safety Rules
- Violations of Safety

RIGHT TO KNOW PROGRAM

- Written Hazard Communication Program
- Checklist For Right To Know Laws
- OSHA Standard
- Common MSDS Terms
- Request Form for MSDS Information

EMERGENCY RESPONSE

- Outline of Emergency Response Program
- Emergency Phone Number List

ASSURED EQUIPMENT GROUNDING CONDUCTOR PROGRAM

- Outline of Assured Equipment Grounding Conductor Program
- OSHA Standard
- Program Checklist
- Equipment Checklist

BLOODBORNE PATHOGENS PROCEDURES

- Standard Operating Procedure
- Written Program
- General Requirements
- Exposure Control Plan
- Housekeeping

Corporate Safety Program (continued)

CONFINED SPACE

- Outline of Confine Space Program
- Confined Space Recordings Form
- Confined Space Entry Permit
- OSHA Standard

LOCKOUT AND TAGOUT PROGRAM

- Outline of Program
- Tag
- Lockout/ Tagout Program
- OSHA Standard



OCCUPATIONAL NOISE EXPOSURE PROGRAM

- Standard Operating Procedure
- Written Program
- Audiometric Testing Program
- Hearing Conservation Program
- Training Program
- Recordkeeping
- Appendices

RESPIRATOR PROGRAM

- Protection Policy
- Fit Test Record
- OSHA Standard

SAFETY INCENTIVE PROGRAM

- Outline of program
- Deduction List for Safety Inspections
- Example of Incentive Fund

Corporate Safety Program (continued)

SUBSTANCE ABUSE PROGRAM

- Outline of Substance Abuse Program

WELDING, BURNING, AND CUTTING PROCEDURE

- Outline of Welding, Burning, and Cutting Procedure
- Welding, Burning, and Cutting Permit
- Fire Protective Measures
- OSHA Standard



OSHA COMPLIANCE FOR CONSTRUCTION EQUIPMENT

AERIAL LIFTS

- Training Procedures
- Dispersal of Operator Permits
- Equipment Inspection Procedures

LIFTCRANES

- Confirmation of Crane Operator License (where applicable)
- Periodic, Monthly, and Annual Inspections
- Hoist procedures
- Critical lift planning report

MATERIAL HANDLING

- Training Procedures
- Dispersal of Operator Permits
- Equipment Inspection Procedures



Professional Reference & Assistance

All successful safety programs must rely on professional reference and assistance to function properly in today's working environment. The days of the single page safety program have passed. SCI/Steelcon has enlisted these professional organizations to assist with our safety program. The demands of OSHA and the ever changing state regulations require constant monitoring to maintain our program.

J. J. Keller & Associates, Inc.

One of the leading construction safety consulting organizations in the nation. J. J. Keller provides SCI/Steelcon with monthly regulatory updates and OSHA compliance manuals. This material includes detailed description of federal and state OSHA standards including implementation recommendations.



Safe2Work.com

Coastal Training Technologies started this program to offer contractors and facility owner's multimedia based safety instruction. SCI/Steelcon employees can be safety certified through this unique program. Coastal also offers drug and alcohol testing programs in the workplace. SCI/Steelcon takes part in this program.



Arthur J. Gallagher Risk Management Services

A.J. Gallagher is recognized as one of the most progressive insurance brokerage firms in the United States. Their program offers contractors safe working guidelines to ensure safe and successful projects. SCI/Steelcon is proud to be associated with this prestigious company.



Professional Reference & Assistance (continued)

SAFETY MEETING OUTLINES

This company has furnished SCI/Steelcon toolbox safety meeting agenda for nearly a decade. All SCI/Steelcon safety representatives use these outlines to format their weekly on-site safety meetings held with all employees.

SAFETY MEETING OUTLINES

WEEKLY SAFETY MEETING
FOR THE CONSTRUCTION INDUSTRY

Site Specific Safety Plan

SCI/Steelcon is accustomed to developing specific safety programs. Often projects will require additional guidelines in order to maintain a safe working environment. Existing safety regulations are often based on previous incidents. We can assist to identify problem areas before they can hinder project safety.

ADVANCE PLANNING

- Specific Area Guideline
- Individual Machinery
- Transfer Process of Materials
- Protocol Checklist
- Specialized Equipment Operations
- Hazardous Communication
- Daily, Monthly, Annual Inspections
- Daily Progress Reporting
- Owner Special Requirements
- Site Specific Personal Protection

EMR (2010-2011)

Interstate - **.88**

Michigan - **.78**



Professional Reference & Assistance (continued)

American Axle & Manufacturing, Inc.

One Manufacturing Drive
Three Rivers, Michigan

Mr. Tony R. Reinartz
(269) 278-0543

Carl Walker, Inc.

445 W. Michigan, Suite 101
Kalamazoo, Michigan

Mr. Carl Walker, President
(269) 381-2222

The Christman Company

208 N. Capital Avenue
Lansing, MI 48933

Mr John A. Holmstrom, PE
(517) 482-1488

Pfizer Corporation

7000 Portage Road
Kalamazoo, MI 49001

Mr. Robert Wielenga, Purchasing
(269) 833-8279

FabArc Steel

111 Meadow Lane
Oxford, AL 36203

Mr. James T. Potter, Vice President
(256) 831-8770



Professional Reference & Assistance (continued)

Legal Council

Gerald VanWyke, P.C.
5540 Corporate Drive, Suite 250
Troy, MI 48098
Mr. Gerald VanWyke
(248) 641-7986

Tax Advisor

UHY Advisors
26200 American Drive, Suite 500
Southfield, MI 48034
Mr. Patrick J. Gregory
(248) 355-1040

Insurance and Bonding

Arthur J. Gallagher Risk Management Services
22930 Nine Mile Road
St. Clair Shores, MI 48080

Mr. Dennis Bilancia
(586) 439-4378