



# SDI SERVICES

## CATALOG

**SD**  
INDUSTRIES

**MBE & DBE CERTIFIED**  
**SBE / HUB ZONE - IN PROGRESS**

[www.sd-ind.com](http://www.sd-ind.com)  
212-348-8000  
[sales@sd-ind.com](mailto:sales@sd-ind.com)



## ENGINEERING SERVICES

We provide specialized engineering solutions for structural analysis, connection design, and custom metal fabrication, ensuring strength, stability, and code compliance.

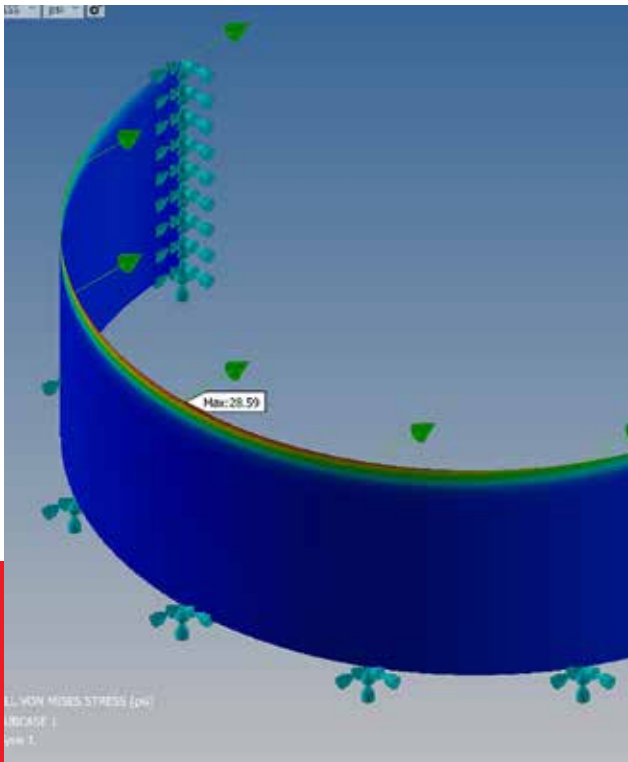
### OVERVIEW

Our engineering team supports your projects with precise calculations, load testing, and detailed connection designs tailored to your fabrication and installation needs.

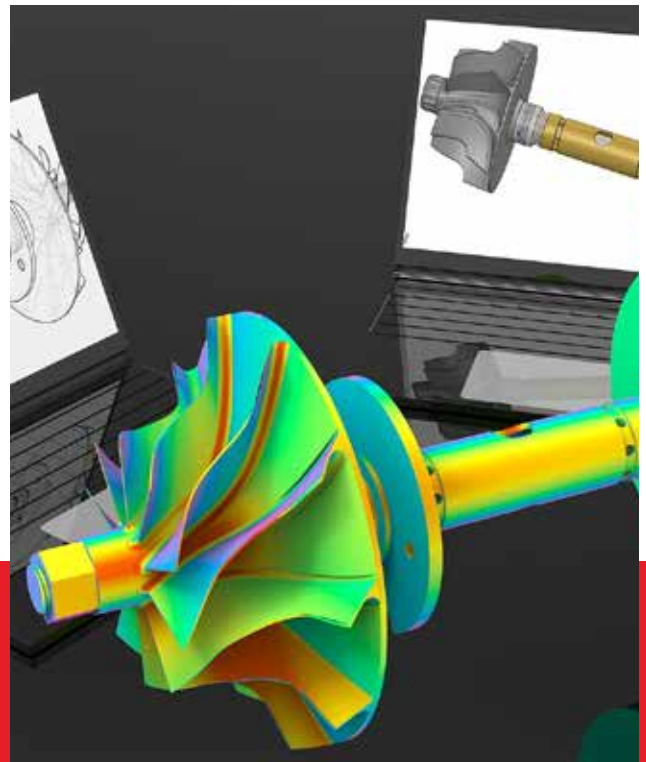
- **Structural Analysis**  
Load-bearing calculations to meet design specs and codes.
- **Connection Design**  
Safe, efficient welded and bolted connection details.
- **Simulation & Testing**  
FEA for stress, load, and performance checks.
- **Fabrication-Ready Output**  
Engineering optimized for shop and field execution.

### HOW IT WORKS

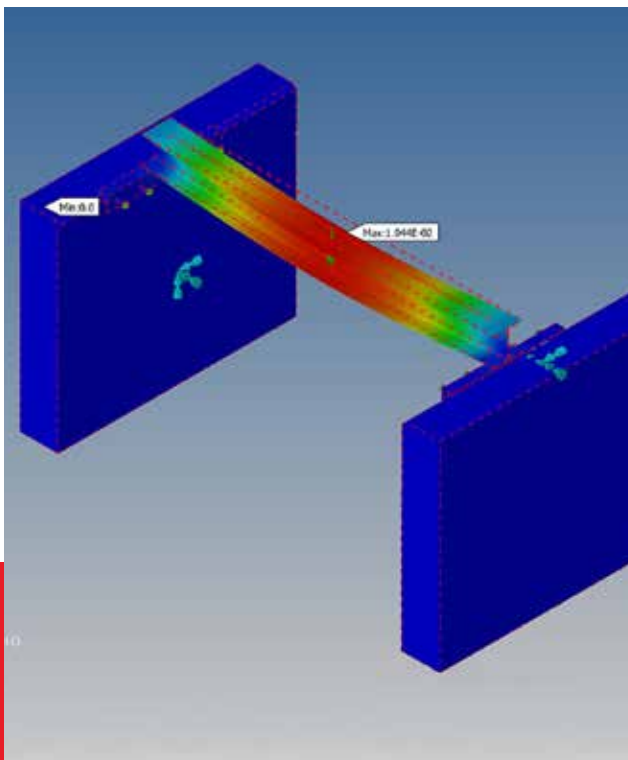
- **Review Scope & Specs**  
We assess drawings, loads, and design needs.
- **Run Calculations & Analysis**  
Our team performs structural checks and FEA.
- **Coordinate with Fabrication Team**  
We align designs with shop drawings and site conditions.
- **Submit Final Reports**  
Stamped calculations and engineering reports are issued.



Structural Analysis & Calculations



Finite Element Analysis



Connection Design & Load Testing



Custom Metal Fabrication  
Engineering



**YOU IMAGINE. WE BUILD.**

Scope	Master Format Code	NAICS Code
Guardrails & Handrails	05 52 00	332323
Bollards	32 39 00	332323
Canopies	10 73 13	332311
Fencing	32 31 00	332323
Gates	08 34 53	332323
Metal Staircases	05 51 00	332323
Stair Railings	05 52 13	332323
Bicycle Racks	12 93 13	332323
Cladding	07 42 13	332322
Roofing	07 41 13 & 07 53 23	332322 & 238160
Escalator & Elevator Enclosures	14 91 23	238290
Ticket Booths	13 41 13	332311
Wayfinding	10 14 23	339950
Sign Boxes	10 14 33	339950
Logos & Letters	10 14 43	339950
Directories	10 14 23	339950
Bulletin Boards	10 14 23	339950
Plaques	10 14 13	339950
ADA Signage	10 14 00	339950
Glass & Glazing	08 80 00	327215

**MASTER FORMAT & NAICS CODE**