

STEEL WINS IN MORE WAYS THAN ONE

The Why, How, and When



Smarter. Stronger. Steel.

Roadmap

- The role of the Structural Steel Specialist
- Messaging points for structural steel fabricators
- AISC Market Development National Programs
- Additional tools and resources

Structural Steel Specialist



What's in your toolkit to win with steel?

Steel: **NEW NEEDS?** The obvious choice BRING YOUR VISION TO LIFE Steel: NO PROBLEM. NO OTHER MATERIAL IS AS No other structural material can match domestically fabricated structural steel. The obvious choice **50% FASTER** The obvious choice RESILIENT Steel's unsurpassed durability means that your structure can reinvent itself to meet an unanticipated need. Structural steel can SUPERCHARGE YOUR PROJECT SCHEDULE because your network schedule) A fabricator can AS STEEL No other material can match steel's flexibility and value when it comes to adactive reuse. ran design, fabricate, and truct a steel building 50% faster Supercharge your project science in tabilitation can react on your steel package during site preparation and foundation work, taking full advantage of controlled shop conditions to give you high-quality steel and reduce the number of onsite fixes that delay schedules. That means that no other material can absorb and recover from an extreme event as well as steel does. LESS (FRAMING MATERIAL) IS MORE (SPACE) AMERICAN STRUCTURAL STEEL: THE MOST Steel will arrive at the jobsite as soon as it's needed, and erection to place at lightning speed in any season without waiting for forming, shoring, or curing. Steel. STEEL OFFERS THE Thanks to its superior strength-to-weight ratio, steel offers spans, smaller and fewer colurns, and larger bays. Owner developers, and current occupants will appreciate large int spaces. more usable floor space, and versatile floor plans. Why? Wood and concrete just can't match steel's inherer durability, strength, and elasticity. They can also be con-and unbest to decomposition, when while the is not The obvious choice **SUSTAINABLE BEST VALUE FOR** That means structural steel framing systems can withit and the pounding of humicane-force winds, stormwater surge and into of flood waters, and the destructive shaking of earthquakes to keep people safe. No other structural material can match domestically fabricated structural steel Steel feels the need-the need for speed. Learn mor is leaving other materials in the dust at also org/nee HIGHER The typical steel column occupies 75% less floor space than an equivalent concrete column. Integrate HVAC systems into structural cavities for tallier interior spaces with more natural light CHOICE YOUR MONEY Structural steel can SUPERCHARGE YOUR PROJECT SCHEDULE becaus you can design, fabricate, and construct a steel building 50% faster than you could just a few years ago. HARNESS THE POWER OF AN UNMATCHED SUPPLY CHAIN QUALITY. Steel's fully integrated supply chain leads the construction industry with superior availability and advanced technology. Ø CHANGE, CHANGE, CHANGE "ARCHITECTURE IS ABOUT TRYING TO MAKE THE WORLD A LITTLE BIT MORE LIKE OUR DREAMS." —DANISH ARCHITECT BJARKE INGELS LOWER RISK. iteel's unique resilience makes communities resilient, too. After a disaster, steel structures can be quickly and easily inspected, hen either repaired quickly or adapted for another use to give communities place to come back together. 6 Seel structures are more easily modified than those is structural systems, thanks to their more efficient fram to add a stair opening? Come on up. Want to change system without disrupting the surrounding structura? 200 Steel is the MOST RESILIENT STRUCTURAL MATERIAL because it boasts superior ductility, the highest strength-to-weight ratio, and can be easily repaired. in 211 disc addition when the second structure for a "Close enough" just doesn't cut it. You need built-in quality standards to ensure consistent performance from your fabricated structural material. Steel is a the low-cost structural leader because of its speed of design STRONG IN ALL THE RIGHT WAYS ً⊗ ----ee oner materials, structural steel has identical compression and tensile strengths. Push it, pull it---doesn't matter. It's strong sither way. Steel is fabricated offsite during preliminary site preparation and work, reducing on-site labor and construction cycle time and wa resulting in waller occupancies and lower financing costs. STAY ON THE CUTTING EDGE D Only You need precise tolerances maintained for efficient fabrication an erection. You need predictable results. You need the comfort that comes with kinowing your design standards are being uphald in th final poduct. You need to reduce your nik while maintaining the highest level of quality, and steel can deliver on all of these needs. Achanced technologies like budding information modeling (BM), computer-aided manufacturing, and robotic fabrication streamline all stages of design and construction while facilitating collaboration, red or eliminating errors. Increments safety and cutting emiseit costs. AIM HIGH Structural steel is the MOST SUSTAINABLE MATERIAL because it is made from recycled scrap using pure electricity—in fact, it will continue to get greecer as the power grid incorporates more renewable energy. That's critically important in an extreme event. Disasters freq American steel 0. Steel has benefits onsite, too. Say goodbye (and good riddance) to RFIs tha fix misaligned embed plates in concrete and other trades cooling their heel require that structural members unexpectedly transition from be in compression to being in tension. Steel is more likely to resist failure when that happens. can do that. FEWER STRUCTURAL COMPONENTS = FASTER ERECTION Structural steel is the most efficient construction material out there. Longer spans (only possible with steel) means fewere columns, and liers weight means faster foundation construction. A GREEN FUTURE-THAT SAVES GREEN, TOO Steel also has the highest strength-to-weight ratio around. It can span great distances with fewer columns while resisting earthquakes, hurricanes, and more—all while using efficient designs and lines material. DID YOU KNOW? The most sustainable building is the one you don't have to buil Choose a structural steel frame to give your project an Earth-friendly boost for the future and save the cost, time, and waste Structural steel is the MOST EFFICIENT MATERIAL because its d in the U.S. are made in electri SPEEDCORE: high strength-to-weight ratio allows longer spans, fewer and smaller columns, and larger bays—you can maximize open space today and easily adapt for future reuse. A GAME-CHANGER decommissioned bridges, and other scrap into new steel without any loss of quality. The average new member contains 97% recyc steel, and EAF steelmaking has 75% less emitted CO₂ than trade INCOMPARABLY DUCTILE New technologies allow you to Build with steel to future-proof ility to handle ex Steel's unique ductility gives it the ability to handle extreme loads without cracking or permanently deforming. A steel structure can remain operational and be more easily repaired after an extreme event than structures made of concrete No other building material can offer the same gual design fabricate and construct a your structure. again. The steel supply chain is more technologically advanced than any other building material. Steel is fabricated in controlled conditions so what arrives on your inbuilte is cercisely what you DID YOU KNOW? Structural steel is an **INCREDIBLY** ECONOMICAL CHOICE because its offste fabrication streamlines the construction process, saving time and money. Bring a structural steel (shiriszter onto your process traum as steel building 50% faster than you The structural steel industry is serious about discation-and its originant will continue to decrease as the U.S. power grid baccomes ess dependent on fossil fuels. But American structural steel mills aren's wating for the power grid to catch up. They're making their own public committenest to reduce greenbouse gas emissions or intensity. could just a few years ago. This building went up 40% faste were expecting This building went up 40% task because the design team chose steel—a savings of 10 months, in this case. That's 10 more months of revenue from the whole building, and that THE GOLD STANDARD FOR Steel Helps Your Community CONSISTENT QUALITY commonents to reduce general-base gas emissions or intervity: Nance pelographics to reduce great-base gas intensity by 1055 by 2020 5 Steel Dynamics pelogies to go carbon neural by 2020 Clevelard Cliffs pilogies to reduce greenhouse gas emissions by 25% by 2020 6 Genelau has just launched an 80-megaeutt solar fam to generate clean, renewalk electricity for tangenetits solar fam to generate to save around 70% on your steel package! DNSISTENT QUALITY actural steel has the most robust quality certification progra framing material. AISC Certification has set the standards I or its introduction in 1976—and more than 1,600 U.S. fabris Get Back on Its Feet Faster Than Any Other Material Structural steel is a **RELIABLE CHOICE** because it has the most robust quality certification program out there, which is designed to present errors instead of error correction so that issues are in the jobsite. That's why it's the most DID YOU KNOW? The U.S. now offers the wo To make your dream a reality, you first net-zero steel. You can get Smarter. Stronger. Steel need a structural material that is fast Smarter. Stronger. DID YOU KNOW? low-cost, high-quality, and sustainable irial on the planet. Choose structural ste Steel. Steel. Only steel can deliver all four. Smarter. Stronger. Steel.



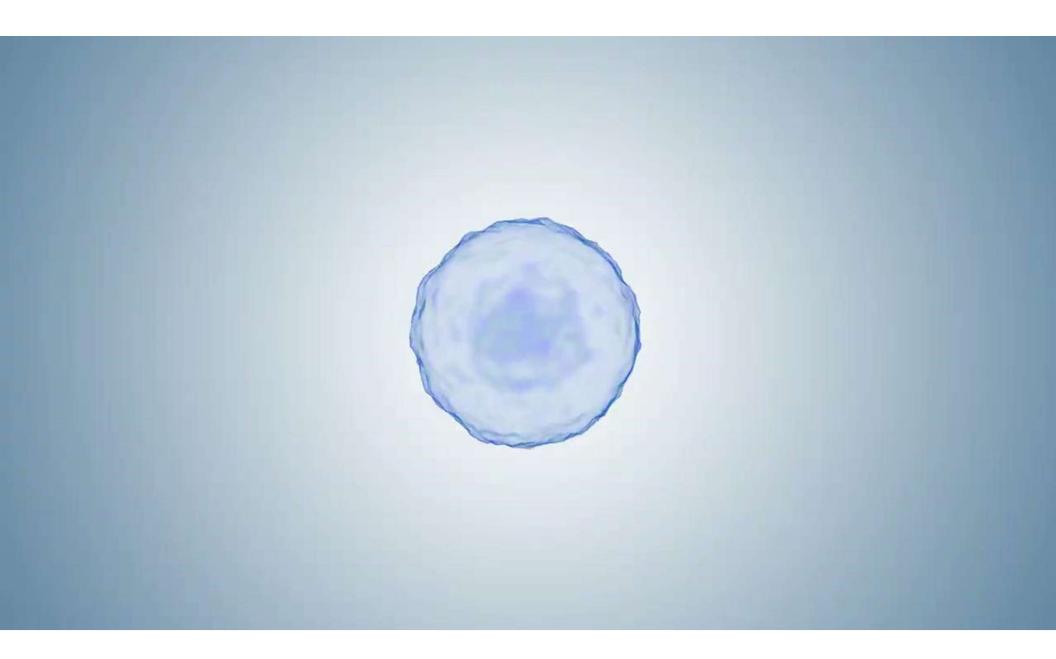


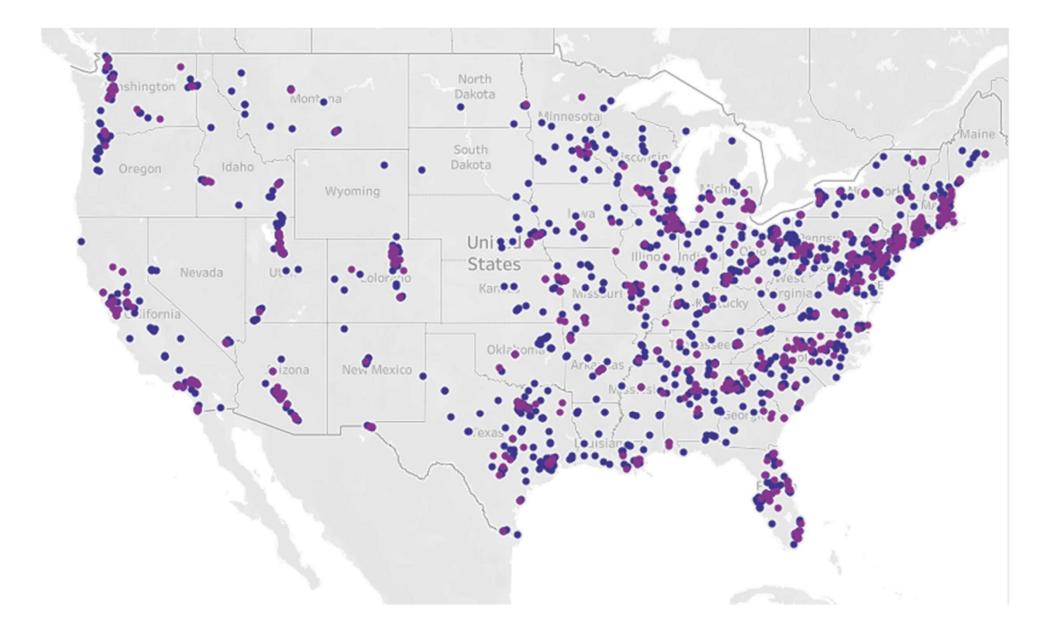


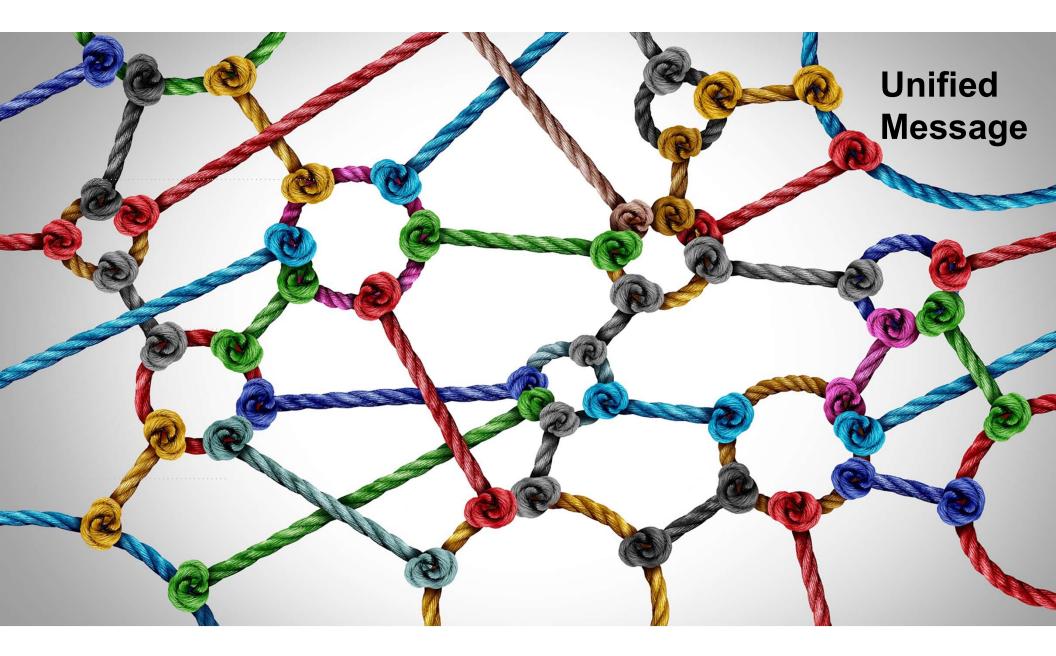


THE **B**

Why is this important to **you**?







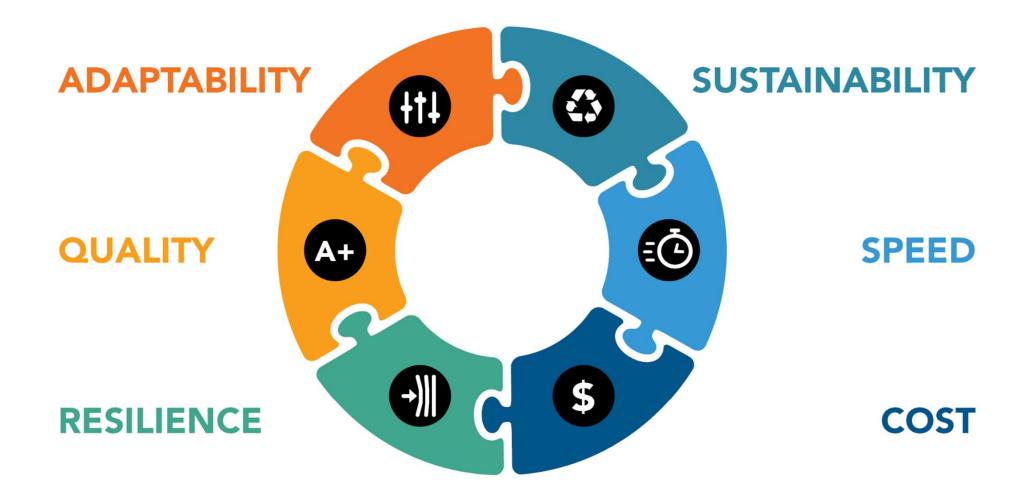
What's in it for you?



Three-Legged Race

THE HOW

What are the winning points for steel?





Change, Change, Change

• Fabricator Expertise

- Early Involvement
- Bring Value by Reducing Cost
- Change their Minds

NEW NEEDS? NO PROBLEM.

Steel's unsurpassed durability means that your structure can reinvent itself to meet an unanticipated need.

No other material can match steel's flexibility and value when it comes to adaptive reuse.

LESS (FRAMING MATERIAL) IS MORE (SPACE) Tranks to its superior strength-to-weight ratio, steel offers longer spans, smaller and fewer columns, and larger bays. Owners, developers, and current occupants will appreciate large interior spaces, more usable floor space, and versatele floor plan.

The typical steel column occupies 75% less floor space than an equivalent concrete column. Integrate HVAC systems into structural cavities for taller interior spaces with more natural light.

CHANGE, CHANGE, CHANGE Steel structures are more easily modified than those using other structural systems, thanks to their more efficient frames. Need to add a stair opening? Come on up. Want to change the MEP system without disrupting the surrounding structure? Cool. Elephants moving into the penthouse? Just reinforce the existing steel members to accommodate the additional load (and stock up on pearus).

AIM HIGH A structural steel frame is uniquely suited to both horizontal and vertical expansion. Steel's light weight makes it easy to add more floors later while minimizing the impact to existing structure and foundation systems.

A GREEN FUTURE—THAT SAVES GREEN, TOO The most sustainable building is the one you don't have to build. Choose a structural steel frame to give your project an Earthfinedly boost for the future and save the cost, time, and waste involved in demolition and new construction.

Build with steel to future-proof your structure.

Steel: The obvious choice

No other structural material can match domestically fabricated structural steel.

Structural steel can SUPERCHARGE YOUR PROJECT SCHEDULE because you can design, fabricate, and construct a steel building 50% faster than you could just a few years ago.

Steel is the MOST RESILIENT STRUCTURAL MATERIAL because it boats superior ductility, the highest strength-to-weight ratio, and can be easily repaired.

Structural steel is the MOST SUSTAINABLE MATERIAL because it is made from recycled scrap using pure electricity—in fact, it will continue to get greener as the power grid incorporates more renewable energy.

Structural steel is the MOST EFFICIENT MATERIAL because its longer spans, fewer and smaller columns, and larger bays—you can maximize open space today and easily adapt for future reuse.

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Structural steel is a **RELIABLE CHOICE** because it has the most robust quality certification program out there, which is designed to prevent errors instead of correcting them.



OBLEM.

Case study:

75 ROCKEFELLER PLAZA NEW YORK

75 Rockeleller Plaza is a landmarked 34-story steel moment frame building originally built for the Standard OL Company. When it opened in 1947, it was the tallest completely air-conditioned building in New York. Located on 51st Street between Fifth and Start Avenues in Michtown Manhattan, 75 Rockefeller Plaza has 623,000 sq. ft of office space.

And almost 70 years after it was built, the owner wanted to make the lobby into a double-height space with 24-ft ceilings. That meant removing four groundloor columns, three of which supported existing ansfer girders.

composite steel box girder would handle the configured load. But how do you remove columns it support more than 30 stories of landmark Iding?

team preloaded the girders while maintaining ndancy without the use of a temporary structure ofing. A yoke system with Stochton jacks pushed irder and pulled the column up to load the girder ure without any significant displacement. Then it st a matter of making the final connections and ng the columns.



Less is More

• Superior Strengthto-Weight ratio

.

- Larger bays
- Longer spans
- Smaller and fewer columns



A+ QUALITY

Higher quality. Lower risk.

AISC Certification— The Gold Standard for Consistent Quality

What does it take?

Specify excellence, every time—for projects small and large

You don't have time to qualify every firm that bids on your project. Good news: AISC Certification has already done it for you. Only fabrication facilities and erection companies that have successfully completed AISC Certification's rigorous quality management system (OMS) audits and review process hold AISC Certification.

When you specify AISC Certification, you can be confident you'll get high-quality results from companies that have the personelle, organization experience, documented procedures, knowledge, equipment, and commitment to perform outstanding fabrication, manufacturing, and/or erection.

HIGHER QUALITY. LOWER RISK.

"Close enough" just doesn't cut it. You need built-in quality standards to ensure consistent performance from your fabricated structural material.

You need precise tolerances maintained for efficient fabrication and erection. You need predictable results. You need the comfort that comes with knowing your design standards are being upheld in the final product. You need to reduce your risk while maintaining the highest level of quality, and steel can deliver on all of these needs.

You need domestically produced steel that is fabricated by an AISC certified fabricator and installed by a certified erector.

No other building material can offer the same quality, over and over again. The steel supply chain is more technologically advanced than any other building material. Steel is fabricated in controlled conditions so what arrives on your jobsite is precisely what you were expecting.

THE GOLD STANDARD FOR CONSISTENT QUALITY

Structural steel has the most robust quality certification program of any framing material. AISC Certification has set the standards high since its introduction in 1976-and more than 1.600 U.S. fabricators and erectors around the country currently hold certifications.

AISC-certified fabricators and erectors focus on error prevention instead of error correction so that issues are fixed before they arrive on the jobste. That's why if the most necognized quality certification program in the construction industry—and why other industries use AISC Certification as a model when they set out to establish or advance their own certification programs.

Steel: The obvious choice

No other structural material can match domestically fabricated structural steel.

Structural steel can SUPERCHARGE YOUR PROJECT SCHEDULE because you can design, fabricate, and construct a steel building 50% faster than you could just a few years ago.

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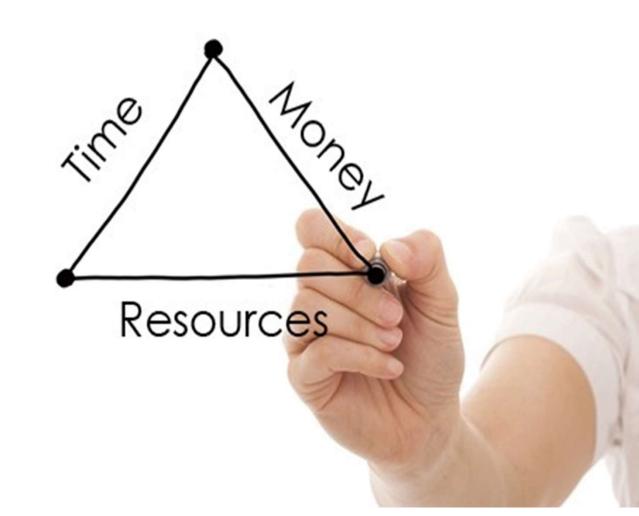
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Specify excellence, every time.

- Time = Money
 - Save you the effort
 - Specify Certified
- AHJ's
 - No Special Weld Inspections





Strong in all the right ways

- Compression—
 no problem
- Tension
 - no problem
- Mass doesn't equal resilience

NO OTHER MATERIAL IS AS RESILIENT AS STEEL

That means that no other material can absorb and recover from an extreme event as well as steel does.

Why? Wood and concrete just can't match steel's inherent durability, strength, and elasticity. They can also be combustible and subject to decomposition—yikes!—while steel is neither.

That means structural steel framing systems can withstand the pounding of hurricane-force winds, stormwater surge and intrusion of flood waters, and the destructive shaking of earthquakes to keep people safe.

Steel's unique resilience makes communities resilient, too. After a disaster, steel structures can be quickly and easily inspected, then either repaired quickly or adapted for another use to give communities a place to come back together.

STRONG IN ALL THE RIGHT WAYS Unlike other materials, structural steel has identical compressive and tensile strengths. Push it, pull it—doesn't matter, it's strong either way.

Thats critically important in an extreme event. Disasters frequently require that structural members unexpectedly transition from being in compression to being in tension. Steel is more likely to resist failure when that happens.

Steel also has the highest strength-to-weight ratio around. It can span great distances with fewer columns while resisting earthquakes, hurricanes, and more—all while using efficient designs and less material.

INCOMPARABLY DUCTILE Steal's unique ductility gives it the ability to handle extreme loads without cracking or permanently deforming. A steel structure can remain operational and be more easily repared after an extreme event than structures made of concrete or wood.

Steel Helps Your Community Get Back on Its Feet Faster Than Any Other Material

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R MATERIAL IS AS

Case studies:

WILSHIRE GRAND CENTER | LOS ANGELES

The Wilshire Grand Center is impossible to miss in the LA. skyline—it's the tallest building west of Chicago. (In fact, it's the tallest American building that's not in Chicago or New York.)

Seismic design gets complicated when you're developing a 73-story tower in a city famous for earthquakes. But it's possible with steel— 19,900 tons of it, in fact.

The building is designed to remain elastic with immediate scorpancy following a 475-year earthquake, and its descorpancy following a 475-year earthquake, are 2,475-year earthquake. Some 180 bucklingrestrained braces provide lateral resistance and distribute lateral overturning forces to the exterior concrete-filled stel box columns.

ALFRED P. MURRAH FEDERAL BUILDING | OKLAHOMA CITY

Deficiency of the second secon

ter.

ger.



Steel helps your community get back on its feet.

Ductile + Durable





Case Study: Wilshire Grand Center, Los Angeles

- Only possible with steel— 19,900 tons exactly
- BRB's allow immediate occupancy after 475-yr seismic event
- Designed to not collapse during a 2,475-yr earthquake event



SPEED

U.S. mills produce roughly 10 million tons of structural steel annually. Enough to meet the demands of the built environment.

Full strength, from day one

Reduce the critical path

BRING YOUR VISION TO LIFE **50% FASTER**

Supercharge your project schedule! A fabricator can work on you steel package during site preparation and foundation work, taking full advantage of controlled shop conditions to give you high-quality steel and reduce the number of onsite fixes that delay schedules.

Steel will arrive at the jobsite as soon as it's needed, and erection takes place at lightning speed in any season without waiting for forming, shoring, or curing.

Steel feels the need—the need for speed. Learn more about how steel is leaving other materials in the dust at aisc.org/needforspeed.

HARNESS THE POWER OF AN UNMATCHED Steel's fully integrated supply chain leads the construction industry with superior availability and advanced technology.

Domestic structural steel is readily available with U.S. mills producing roughly 10 million tons, enough to meet the needs of the built environment. The country's huge network of service centers also have an extensive inventory to meet today's needs.

STAY ON THE CUTTING EDGE Advanced technologies like building information modeling (BIM), computer-aided manufacturing, and robotic fabrication streamline all stages of design and construction while facilitating collaboration, reducing or eliminating errors, improving safety, and cutting project costs.

FEWER STRUCTURAL COMPONENTS = FASTER ERECTION Structural steel is the most efficient construction material out there. Longer spans (only possible with steel) mean fewer columns, and less weight means faster foundation construction.

New technologies allow you to design, fabricate, and construct a steel building 50% faster than you could just a few years ago.

Steel: The obvious choice

No other structural material can match domestically fabricated structural steel.

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ISION TO LIFE ASTER

TH FROM THE GET-GO

dule—unlike conventional concrete framing, a steel frame as it's erected. This means that the construction schedule the time and on-site labor costs of placing formwork and cure. In fact, the steel in the new SpeedCore system is pur stories above the surrounding structure in compliance ndards. With a concrete core, floor framing can lag pors or more—and there might be additional delays bed placement. That's a difference of 12 floors—a ing in most of the country.

uctural material can speed

SAN JOSE, CALIF.

a future, and this dual-core, 20-story, class-A office second SpeedCore project—is a prime example. % off the erection schedule (that's three months) n-place concrete core. SpeedCore is also thinner

DDE ISLAND SCHOOL OF DESIGN

ig an all-nighter? Use a hybrid steel/wood system iree weeks. Erectors framed the building with steel, anels. Students live, work, and play in an airy ins and exposed wooden ceilings and floors.

ff?

ilists are on the ground in key cities across the duce risk and improve the schedule on your next connections that can help you put the pedal the latest information about current market ovative steel systems, and much more.

cialist (aisc.org/find-a-specialist) to get started.



No material can match steel's speed

- 200 Park Avenue— Speedcore (35% erection schedule reduction)
- North Hall (RISD)— Hybrid Steel/wood system, six stories in three weeks





The Most Sustainable Choice

The U.S. Leads the World

Drops

STEEL: THE SUSTAINAB

EXCEEDING KYOTO PROTOCOL REQUIREME

DI A FACTOR OF DEVEN The Kyoto Protocol would have required U.S. industries to redu missions by 5.2% by 2012—but the iron and steel industries h theirs by a whopping 36% since 1990. They cut energy intensit durate the constant BY A FACTOR OF SEVEN during the same period.

Clean air is important, but so is clean water. The structural ste has worked hard to conserve water over the last few decades has worked hard to conserve water over the last rew decades paid off. Today, 95% of the water used to make structural ste paid off. 100ay, 70% of the water used to make subcurated of with no external discharges, resulting in a net consumption gallons of water per ton of steel.

THE FUTURE OF DECARBONIZATION Because structural steel members are made with pure electr keep getting greener as the power grid incorporates more r

And the steel industry is taking matters into our own han to improve with some mills building massive solar panel their facilities today and tomorrow

LEADING THE WORLD IN CLEAN, ENERGY-EFFICIENT STEEL PRODUCTI Let's talk about global steel production. Did you know has three times the global warming impact of domest

American steel is the greenest option available from producing countries. Domestic steel is made with th energy-intensive production methods-methods th major foreign sources far behind. American EAF ste workers, our climate, our communities, and our pla today will be remade and recycled again and again

And that's even before you consider the environn added time and cost-of intercontinental shippin get onto your jobsite faster while saving our plan

More than any other major steel industry in the industry is on the right path-a sustainable path prosperous future.

STEEL: THE MOST SUSTAINABLE CHOICE



93% recycled. 100% recyclable. Stores carbon for generations, unlike other materials. Instead of going to the landfill or an incinerator, decommissioned bridges and buildings go right back into the supply chain to become steel again and again.



DID YOU KNOW?

All structural steel shapes produced in the U.S. are made in electric arc furnaces, which use electricity to melt cars, refrigerators, decommissioned bridges, and other scrap into new steel without any loss of quality. The average new member contains 93% recycled steel, and EAF steelmaking has 75% less emitted CO2 than traditional

DID YOU KNOW?

The structural steel industry is serious about decarbonization—and its footprint will continue to decrease as the U.S. power grid becomes less dependent on fossil fuels. But American structural steel mills aren't waiting for the power grid to catch up. They re making their own public commitments to reduce greenhouse gas emissions or intensity

- Nucor pledges to reduce greenhouse gas intensity by 35% by 2030 Steel Dynamics pledges to go carbon neutral by 2050
- Cleveland Cliffs pledges to reduce greenhouse gas emissions by 25%
- Gerdau has just launched an 80-megawatt solar farm to generate clean, renewable electricity for its production line.

DID YOU KNOW?

The U.S. now offers the world's first net-zero steel. You can get emissions-free steel products at scale.

DID YOU KNOW?

Steel is the most recycled material on the planet. Choose structural steel

Steel: The obvious choice

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Sustainability Pledges

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Two figures that only American Steel is:

- 93% Recycled Content (Average)
- 100% Recyclable



COST

Best Value for Your Money

Innovative Materials

.

- **Fabricator Value**
 - Collaboration
 - Relationships
 - Expertise

AMERICAN STRUCTURAL STEEL OFFERS THE **BEST VALUE FOR** YOUR MONEY

"ARCHITECTURE IS ABOUT TRYING TO MAKE THE WORLD A LITTLE BIT MORE LIKE OUR DREAMS." -DANISH ARCHITECT BJARKE INGELS

Steel is a the low-cost structural leader because of its speed of design

and construction.

Steel is fabricated offsite during preliminary site preparation and foundation work, reducing on-site labor and construction cycle time and waste resulting in earlier occupancies and lower financing costs.

Steel has benefits onsite, too. Say goodbye (and good riddance) to RFIs that fix misaligned embed plates in concrete and other trades cooling their heels while waiting for the structural system to cure.



SPEEDCORE: A GAME-CHANGER Your steel structure may stand for a century—but the industry is changing the rules today. Innovations like SpeedCore make steel the gold standard for rapid erection.

> This building went up 40% faster because the design team chose steel—a savings of 10 months, in this case. That's 10 more months of revenue from the whole building, and that adds up fast. Learn more at aisc.org/rainiersquare.

To make your dream a reality, you need a structural material that is fast, low-cost, high-quality, and sustainable. Only steel can deliver all four.

Steel: The obvious choice

No other structural material can match domestically fabricated structural steel.

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Structural steel is the MOST SUSTAINABLE MATERIAL because it is made from recycled scrap using pure electricity-in fact, it will continue to get greener as the power grid incorporates more renewable energy.

Structural steel is the MOST EFFICIENT MATERIAL because its high strength-to-weight ratio allows longer spans, fewer and smaller columns, and larger bays—you can maximize open space today and easily adapt for future reuse.

Structural steel is an INCREDIBLY ECONOMICAL CHOICE because its offsite fabrication streamlines the construction process, saving time and money. Bring a structural steel fabricator onto your project team early to save around 70% on your steel package!

Structural steel is a RELIABLE CHOICE because it has the most robust quality certification program out there, which is designed to prevent errors instead of correcting them



JCTURAL STEEL OFFERS E FOR YOUR MONEY



Raw material costs are only a small factor:

O THE MATH

ause material is less than one-third of the cost of the building's ning system (fabrication and erection represent more than thirds), and the frame is around 12% of the project cost, a 5% ase in the price of steel represents less than one-fifth of 1% of ample:

iect cost: \$50 million ne (12%): \$50 million (0.12) = \$6 m erial (33%): \$6 million (0.33) = \$1.98 m price of material increases 5%: \$1,980,000 (0.05) = \$99,000 ct: \$99,000 / \$50 million = 0.2%

ans that a 5% increase in material price only impacts the ject cost by 0.2%. And you can fully optimize your design e costs by working with an AISC member fabricator alizing your project.

IE LATEST

ert structural steel specialists are on the ground in key s the country—and it's their job to connect the design with the steel industry to provide the information you trol risk and reduce costs.

ive you complimentary, customized data about the market conditions for your city or state. Contact your steel specialist (aisc.org/find-a-specialist) or visit omics for more information.

KNOW?

hary value runs right through to the end of a ing life-many demolition contractors pay the owner eel-framed building and sell the old steel to a c.org/sustainability to find out how scrap from a brand-new structural steel.

er.



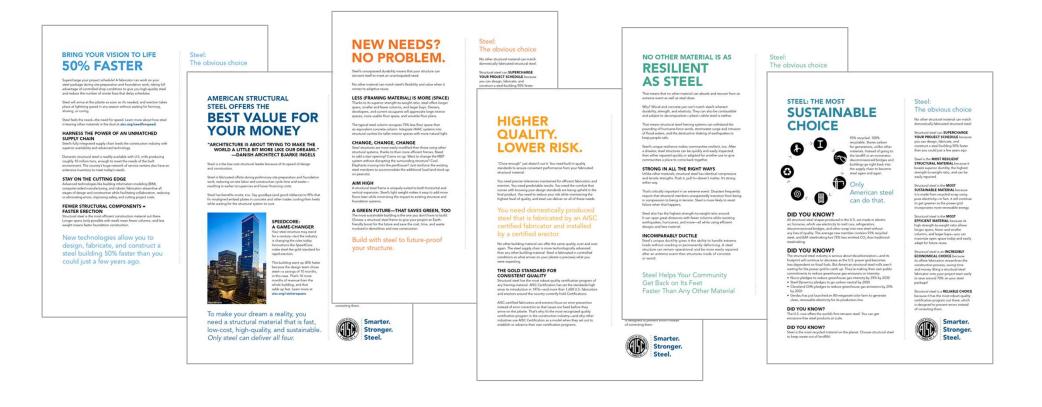


Example:

Project cost: \$50 million Structure (12%): \$50 million (0.12) = \$6 m Material (33%): \$6 million (0.33) = \$1.98 m

If the price of material increases 5%: \$1,980,000 (0.05) = \$99,000 Actual impact: \$99,000 / \$50 million = only 0.2%

Don't worry. This will be in your inbox by tomorrow.



THE O WHEN

When can we start implementation?

THE O

Next Steps and Future Programs



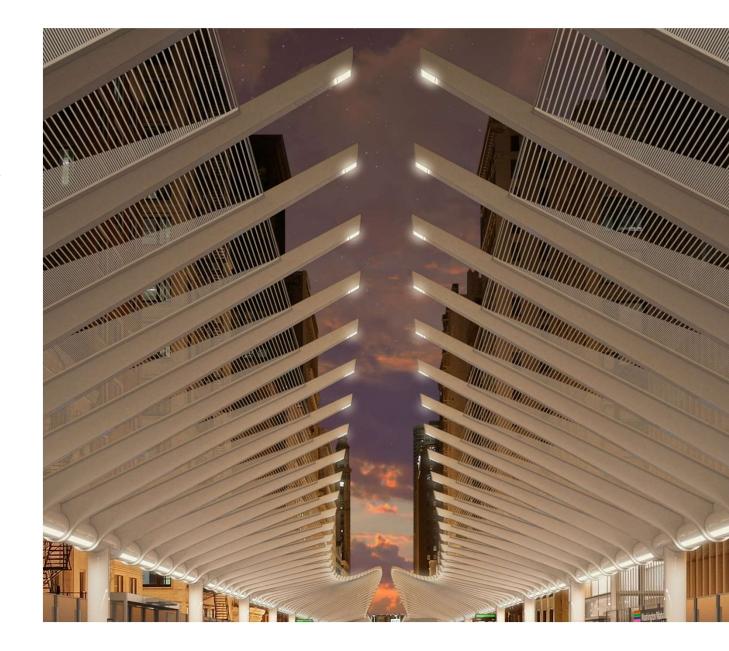


Outreach and Collaboration

One-on-One member visits with Clients

COSP - AGC/ABC presentations

Regional Fabricator Group Messaging





AISC Market Development National Programs

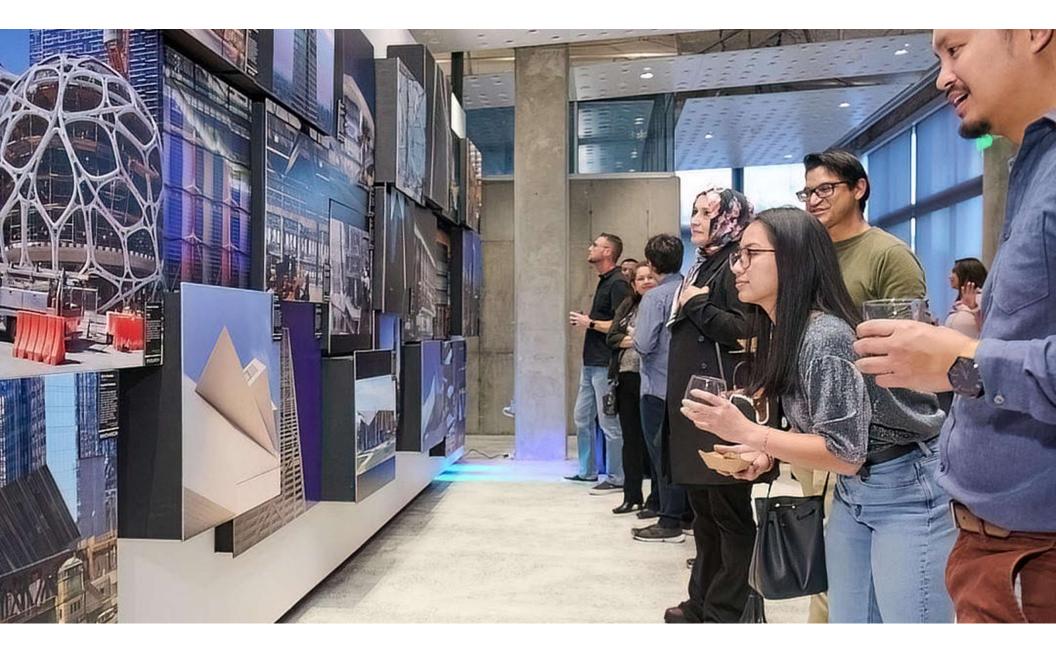
AISC Market Development National Programs

Fabricator Engagement - Rex Buchanan (buchanan@aisc.org)
Architect Engagement – Alex Morales (morales@aisc.org)
Steel-Framed Parking Garages – Brian Ward (ward@aisc.org)
Steel Wins – David Fennell (fennell@aisc.org)

Architect Engagement - PartILLATION







Steel-Framed Parking Garages

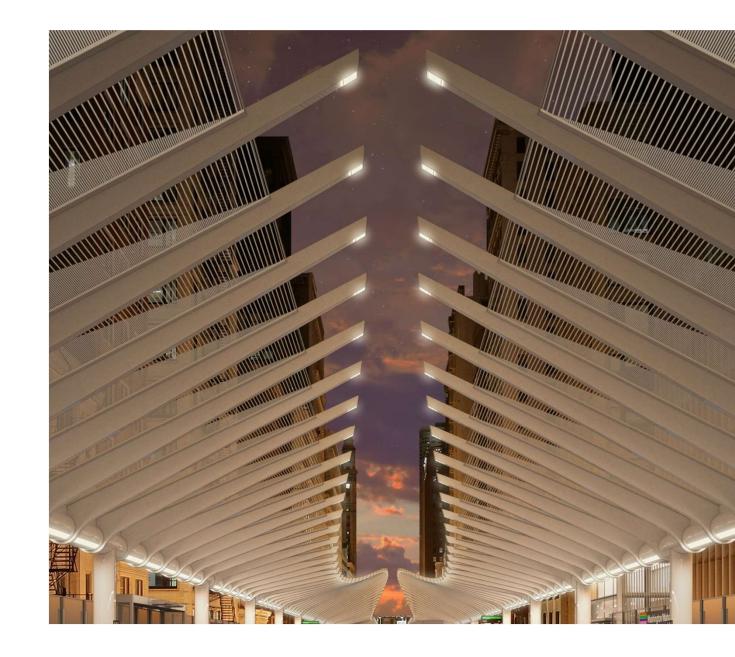


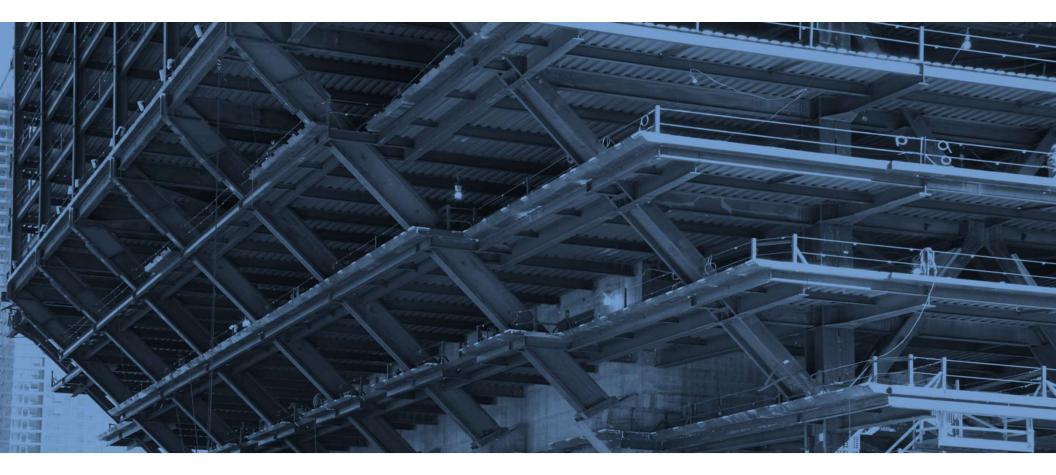
Steel-Framed Parking?

People not Parking First and Last Impressions Safety & Security Architectural Appeal Economical Adaptable Durable



Steel Wins

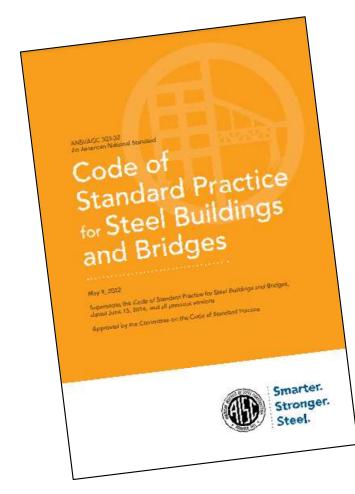




Additional Toolkit Items



Smarter. Stronger. Steel.



Toolkit Resources: Code of Standard Practice

First and Foremost: Push Communication

Secondly: Push Collaboration

Toolkit Resources: Economics





The Steel Solutions Center is your gateway to nearly 100 years of steel knowledge, and it's just a phone call or email away.

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answer your technical questions about structural steel design.



help you understand AISC's technical publications.



help you reduce project risk by connecting decision-makers with AISC-member fabricators for price and schedule information.



- provide conceptual solutions for a variety of building types, including framing
- concepts, lateral systems, column
- schedules and steel tonnage estimates.



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Smarter. Stronger. Steel.

