



WONDERSTRUCT

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Wonderstruct's quick digest of relevant news, products, and trends making a difference in buildings, power, and transportation. Pairs nicely with Beams, our blog, which is coming soon.

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**What the One Big Beautiful Bill Means for
Builders, Engineers & Everyone Making Stuff
Happen**

On July 4th, 2025, President Trump signed the One Big Beautiful Bill. While healthcare, immigration, and public lands seem to be the headliners in the news, what does this bill mean to people who build our nation's infrastructure?

Well, a lot. It turns out the 1,000-page bill has an item or two aimed at building, transportation, and power. Some areas will grow and some will scale back. What does this mean for the infrastructure and building sector? Should you pivot your marketing and business development strategy to win more work? Well, maybe.

We broke it down. Here's what's actually in the bill (with receipts) and recommended strategies with a focus on the general AEC community, construction companies, transportation, energy, and environment.

Big Picture – what's going on?

Equal parts opportunity and challenge. Here are some of the high-level things you should know:

Radar to 5G: Infrastructure Gets an Upgrade

- \$12B to modernize air traffic control (yep, that radar from the '80s is finally getting retired) – [Sec. 40003]
- 600 MHz of spectrum up for grabs by 2034, fueling 5G, connected vehicles, and smart highways – [Sec. 40002]

Space Is Still Cool

- NASA gets support for missions to Mars, the Moon, and back again – [Sec. 40005]
- Spaceports = airports now (tax-wise), so launchpads just got more lucrative – [Sec. 70309]

AI Infrastructure Gets a Boost

- Big investment in AI and the power/data infrastructure to run it – [Sec. 50404]

DoD Is Building Big

- Military bases, housing, and logistics facilities getting serious upgrades – [Sec. 20013]
- Cyber, missile defense, shipbuilding, and supply chain all see boosts – [Sec. 20002–20006]
- Buy American rules and priority for U.S.-based builders could shape who gets the contracts – [Sec. 20013]

Overall strategy?

- Learn about how permitting acceleration could impact your business.
- If you have an opportunity to work in air traffic controls, defense, space infrastructure, maritime infrastructure, or recruiting for this industry, you could experience growth opportunities.
- Have money? Invest. More on that later.

Architects & Engineers: Get Ready to Move Faster

What's New:

- Federal projects are booming—think space, defense, and smart airports
- Faster permitting = tighter design timelines – [Sec. 60023]
- DoD work brings demand for resilient, cybersecure, and force-protected facilities – [Sec. 20006]

What's Tricky:

- Sustainability and Leed goals? Less incentivized for now – [Sec. 60021]
- But power cost saving design could be beneficial. The cost of power could rise in the next 10 years.

Your Move:

- Use your BIM skills to manage speedier design cycles
- Position yourself as the go-to for high-security, high-tech federal projects

Construction: More Work, Fewer Workers?

What's Hot:

- Contracts galore: Coast Guard, FAA, NASA, and DoD are building like it's 1999 – [Sec. 40001, 40003, 20013]
- Space infrastructure and military bases are in (and they pay well)

What's Not:

- Skilled labor shortages could get worse (tight immigration policies aren't helping)
- Cybersecurity and site safety standards are stricter – [Sec. 20006]
- The cost of power is going up.

To-Do List:

- If you're federally certified (DBE/SDVOSB), now's the time to shine
- Brush up on your secure-site protocols and start eyeing AI/data center gigs
- Track Coast Guard, FAA, NASA, and DoD contracts
- Start at www.sam.gov and get approved as a vendor

Transportation & Maritime: Planes, Ports & 5G

Things Are Moving:

- Coast Guard gets new toys (and new bases) – [Sec. 40001]
- Hopefully the chaotic aviation scares are coming to an end - airports are getting tech upgrades – [Sec. 40003]

- 5G and connected infrastructure will change how we move stuff – [Sec. 40002]

Jump In:

- If you do port planning, logistics, or smart infrastructure—this is your moment
- Keep an eye on public-private airport deals (Sec. 40007)

Rolling Back the Green Carpet:

- EV credits, solar subsidies, and clean air programs? Many just got cut – [Sec. 60001, 60002, 60016]

Why It Matters:

- Expect private-sector green building to slow down
- Public sector and defense may still demand climate-resilient solutions

Pivot Time:

- Shift your sustainability services to where they're still needed (military, public works, coastal resilience)

Energy: Fossil Fuels In, Clean Power Paused Big Moves:

- Oil, gas, and nuclear leasing expanded – [Sec. 50101–50104]
- Clean energy credits get the axe – [Sec. 50402, 60006]

But Wait:

- There's love for hydrogen hubs and next-gen nuclear – [Sec. 50403]

- AI demands could drive new investment in reliable, local grid capacity – [Sec. 50404]
- [Some are skeptical we can get rid of clean energy after so much progress – possible link](#)

What to Do:

- Rethink your energy mix forecasts
- If you touch power or pipelines, rural and high-demand zones will see action

Water Works: What's in Store

Section 50501 = water storage and conveyance support. Think dams, pumps, aqueducts, and drought resilience.

If you're a civil engineer, this one's for you.

Tax Breaks Worth Knowing

For business owners, CFOs, and finance-adjacent humans:

- Full expensing on capital equipment and R&D – [Sec. 70301–70302]
- [Invest in new technologies you believe in. Profits on qualified small business stock are 50% tax-free after three years, 75% after four years, and 100% tax-free after five years \(Section 1202\).](#)
- New credits for domestic manufacturing and (random but real) spaceports – [Sec. 70308–70309]

Your Accountant Will Thank You.

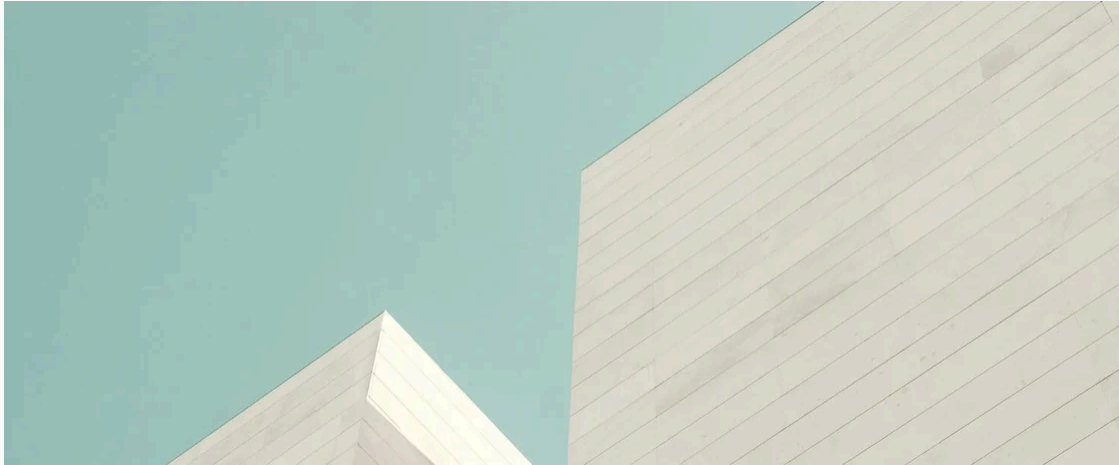
Now What?

1. **Follow the money** — Defense, aviation, and energy are getting the goods.
1. **Prep your bids** — SAM.gov is about to light up with new opportunities.
1. **Rethink your green strategy** — Follow public sector demand. Focus on efficient building and long-term cost savings if you're in sustainable energy.
1. **Talk to your CPA** — Seriously. Those tax credits are time sensitive.

1. **Have money?** – Invest in technologies you trust. You could avoid paying capital gains.

Need help turning policy into pipeline?

Overwhelmed by all this? Wonderstructs help companies position themselves for success while staying true to their values. We are tracking how this bill hits across AEC, energy, and public infrastructure. We have strategic workshops to help you pivot your business development and general operations strategy to win work in weird times. [Let's talk.](#)



Wonderstruct News

Welcome Jaime!

Jaime Phillips is a transportation planner with 6 years of experience. With our recent wins in aviation, she's not only been key in running that work, but in helping our clients with their long-term strategies in customer experience, stakeholder engagement, expansions, sustainable programs, and more.



Jaime is also a cartographer and GIS analyst expert in creating visually appealing maps and digital story maps. She specializes in translating technical information into visuals and explanations that make them understandable and relatable for the average person. We'd love to tell you more about these services!

Our Network Celebrations

We're excited to work with NACO, the Netherlands Aviation Consultants out of Amsterdam on exciting work in aviation.

We've wrapped up the first draft of a large safety program for Holder Construction. Thank you to the company for such an exciting opportunity! We look forward to helping this program grow.

AA

We've recently been awarded the design of a new software focused on land development. While that's all we can discuss now, we ask our residential design and construction partners to stay tuned! We'd love input on the program.

Our Writers



Alyce Anderson

President / CEO

Alyce started Wonderstruct in 2019. In her 15-year construction experience, she noticed a deficit of creatives in the infrastructure world, a key to helping people understand just how building things works. Wonderstruct has grown to support the AEC industry, transportation, and renewable energy clients in marketing and telling the world what they build and how they build it in clear, visual ways. Alyce is based in Denver.



Jenna Neary

Content Director

Jenna is a master storyteller with a knack for analytics. At Wonderstruct, she leads our clients' content strategies and manages web design projects. With her exceptional writing skills and SEO expertise, she creates engaging articles and media that not only boost brand visibility but also drive higher sales for our clients. Jenna is based in Atlanta.



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