

Market Outlook Construction Forum Summary

as of November 5, 2021

Presenters

- Blair Tennant, Associate Principal, Vermeulens
- Brad Wendler, Senior Project Manager, Vaughn Construction

Market Outlook, Vermeulens

- AIA billings index is showing 8 months of increasing design contracts and 10 months of increasing inquiries
- construction volume is at an all-time high; mainly driven by residential construction whereas non-residential volume is down 3% from peak
- unemployment is beginning to settle, which implies peak employment, pressure on wages, and difficulty finding workers
- commodities: steel futures are projecting a decrease in material costs

Recommendations, Vermeulens

- anticipating 0.5% escalation per month for Q3, Q4 2021, and 2022
- recommending 3% – 5% in bidding contingency for price shocks and margins as backlogs rebuild
- consider alternative delivery methods
- design add alternates in the magnitude of 10%

Design-Assist Procurement, Vaughn Construction

- things to consider before using design-assist: market conditions (labor material costs), schedule, and complexity
- contracting is easy: one for preconstruction and one for construction
- do not recommend GMP early: bid to DA contractor on 100% construction documents
- contract multiphase projects using the same techniques of detailed proposals, open book documentation, audit, and bid/buy events for each phase
- when proposing get rates, use auditors, totally open book, competitive nature for all line items and subcontracts
- escalation tracking: a level field with commodities and schedule
- some trades can lock in early when quantities are known; cost avoidance with prebuy activities and procurement
- cons: avoid GMP contracts as everything becomes a change, accountability measures against real data, poor teamwork where CM does not lead and filter, poor value where the team does not have a process, integration between design team or design-assist when doing the drawings
- lock in hard dollar amounts at 50% construction documents when you know your job and can trigger buys; use contingency online item basis for prebuy risk
- how to avoid toilet paper rush: 25 times the normal number of people in line, suppliers can help spread and smooth demand to a happy medium

Next Session, December 3, 2021

- Design-Build and Design-Assist Contracting, Big State Electric
- Design-Build Contracting, University of Texas at Arlington
- Higher Education Survey Results, Gensler

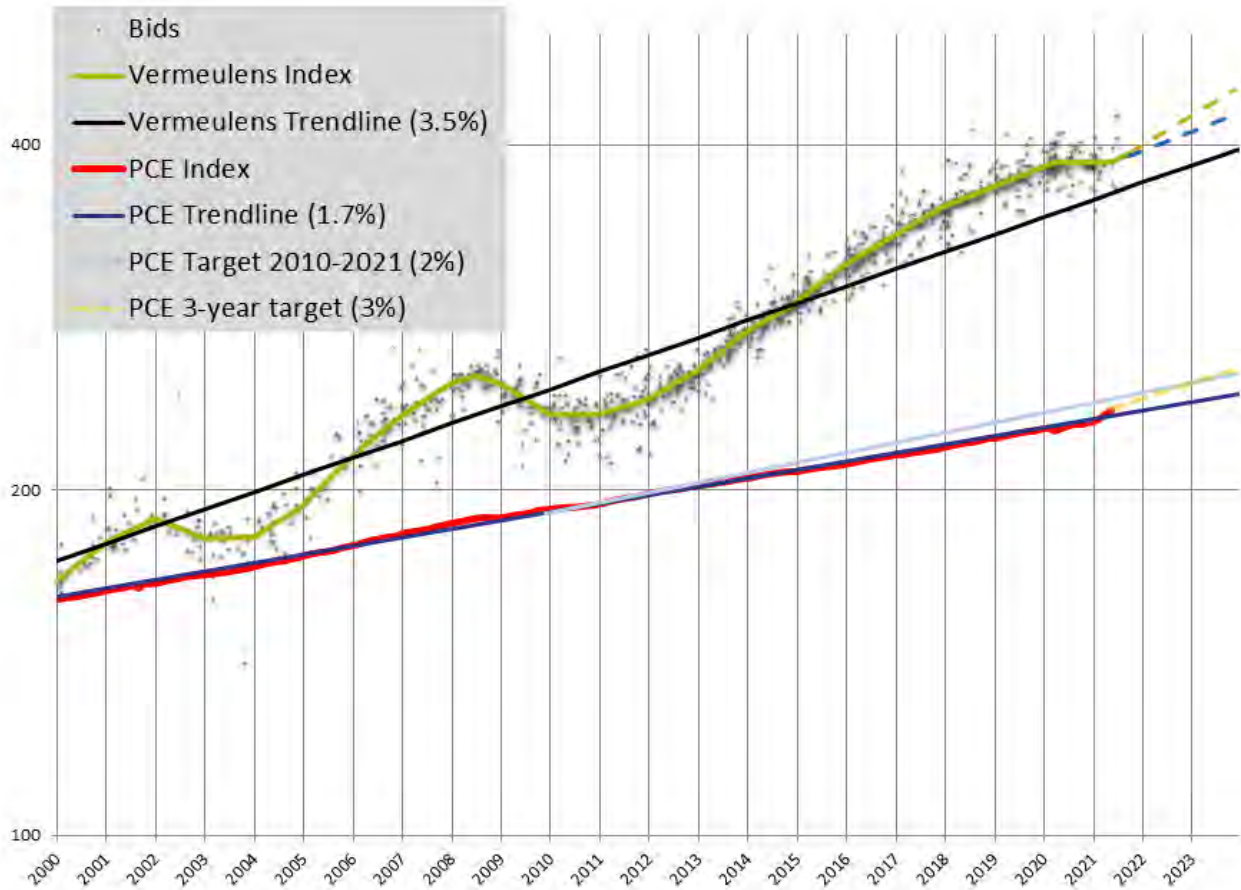


Design and Construction Market Outlook

Blair Tennant, Associate Principal | Vermeulens
Brad Wendler | Vaughn Construction

- Interim questions and comments via chat
- Slide deck, videos, summary; available on website
- Next session, December 3, 2021 (First Friday)

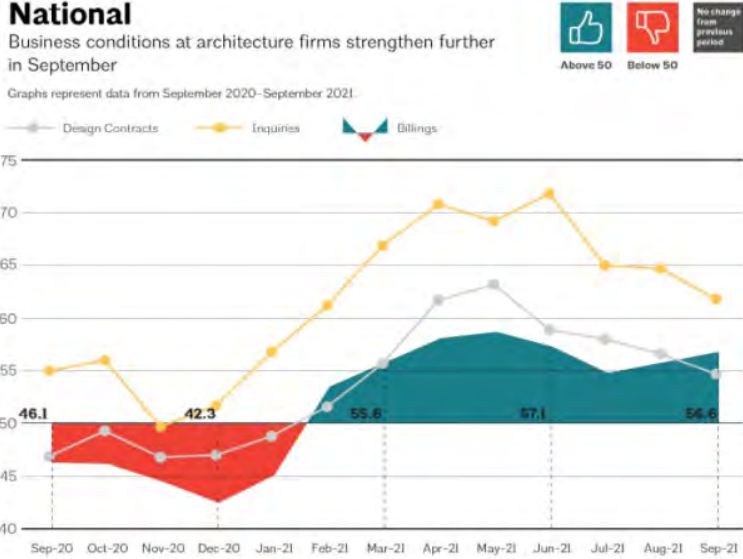
- Macro Economics & Construction Cost Update
- Design Assist Procurement



National

Business conditions at architecture firms strengthen further in September

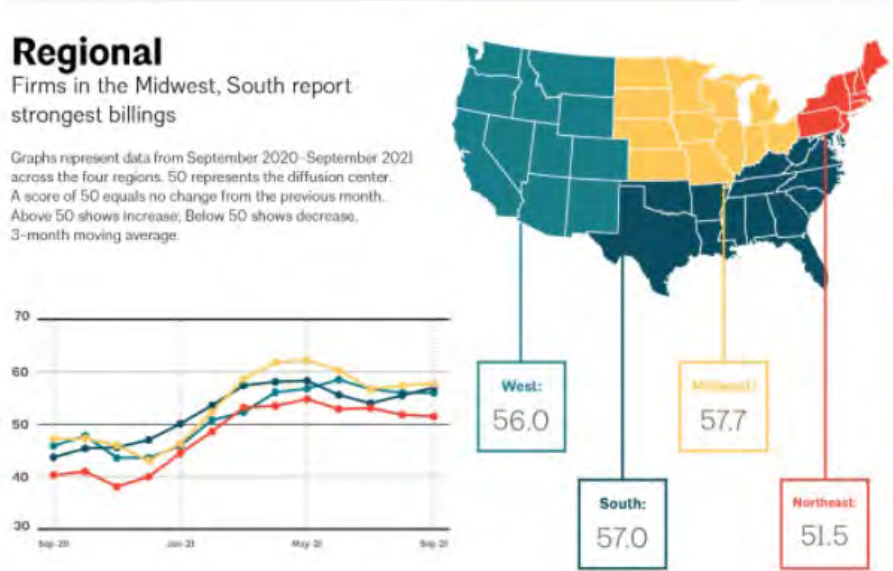
Graphs represent data from September 2020 - September 2021.



Regional

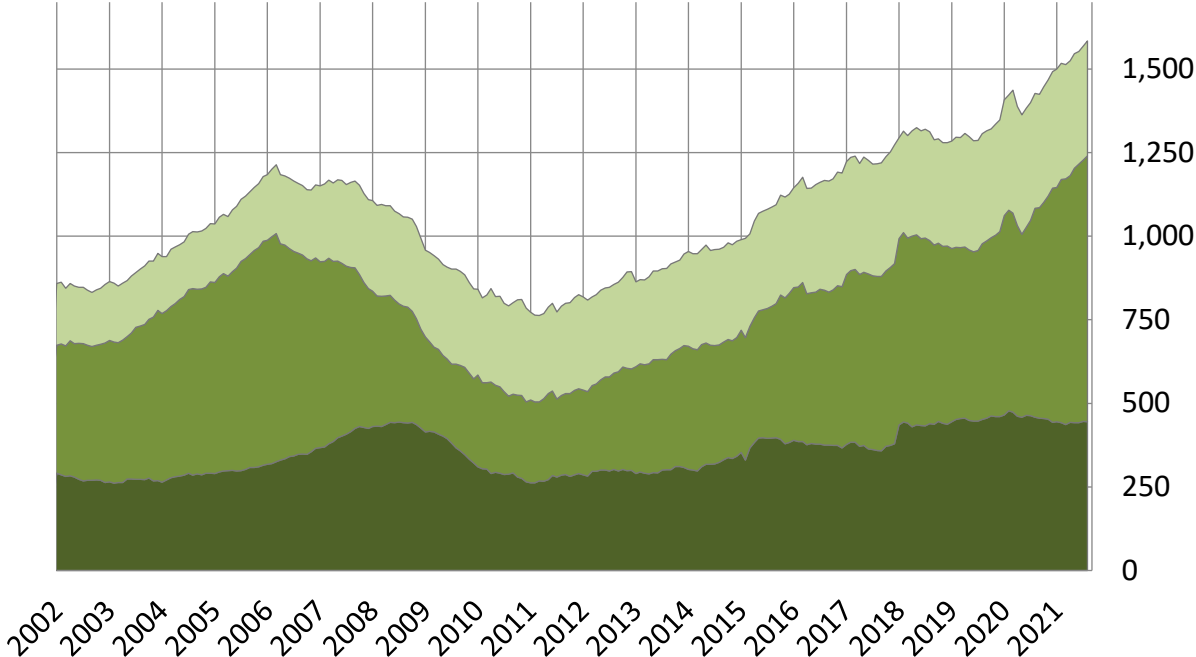
Firms in the Midwest, South report strongest billings

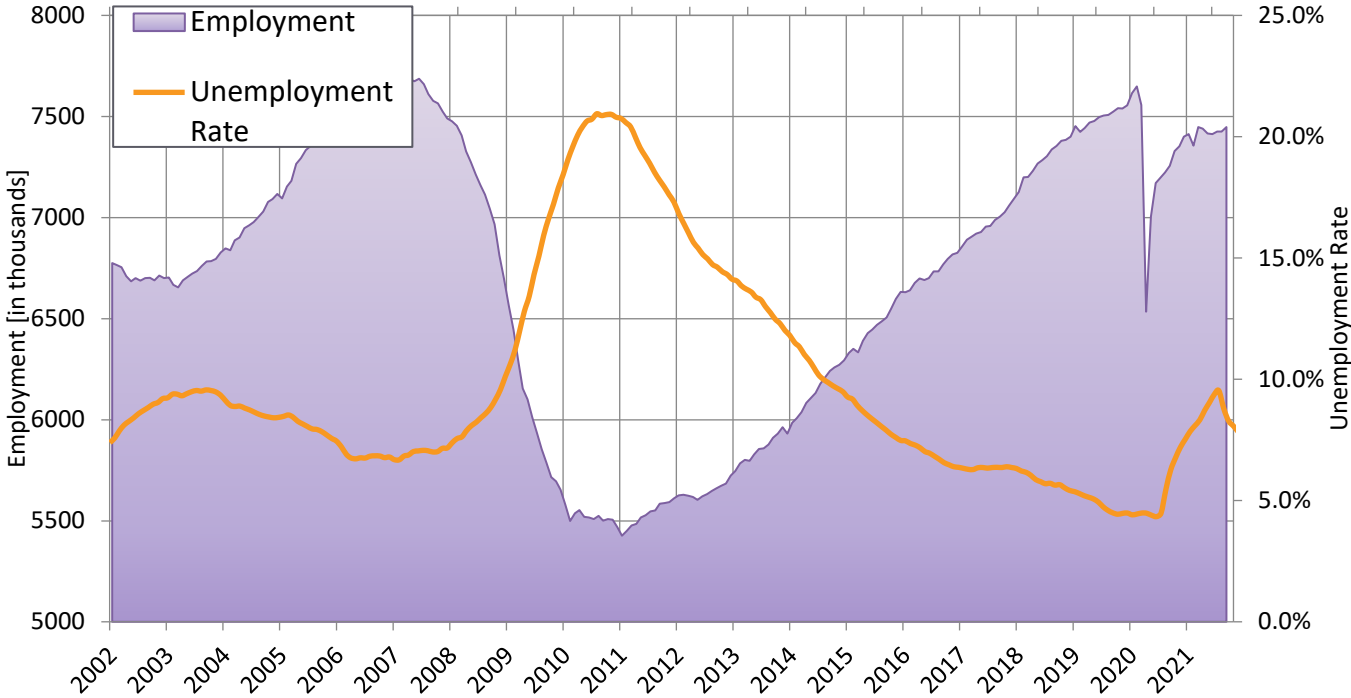
Graphs represent data from September 2020 - September 2021 across the four regions. 50 represents the diffusion center. A score of 50 equals no change from the previous month. Above 50 shows increase; Below 50 shows decrease, 3-month moving average.

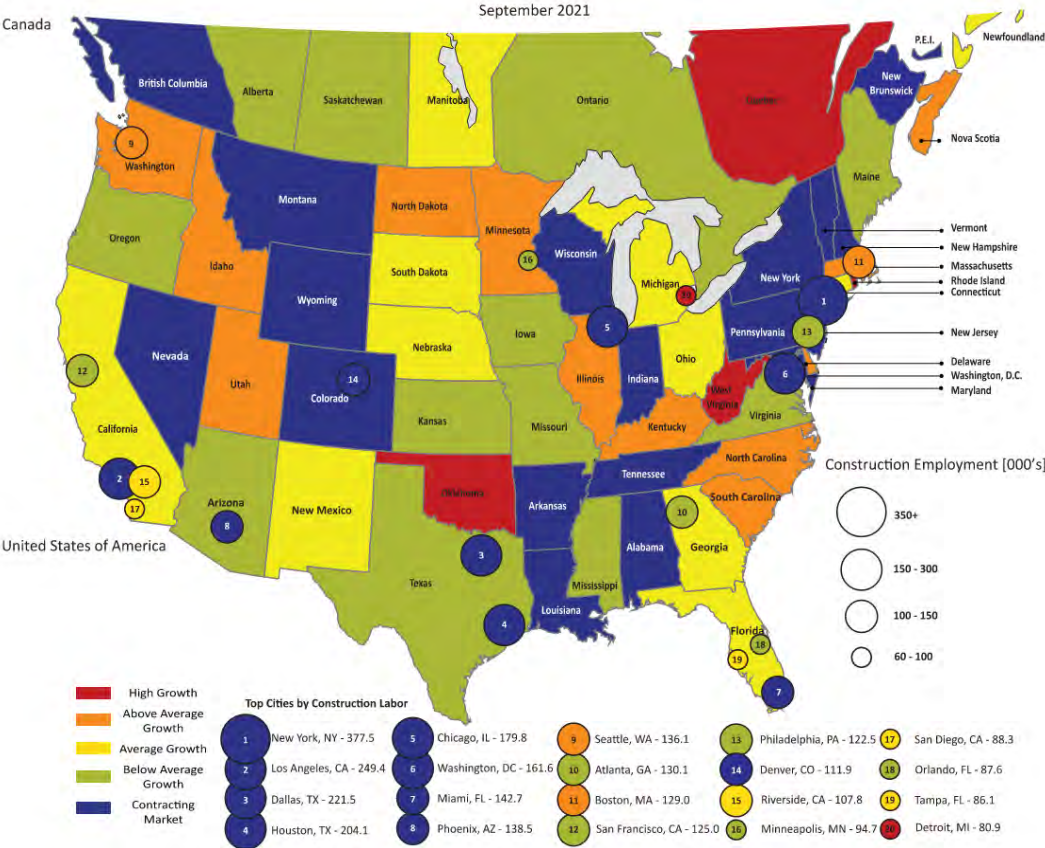


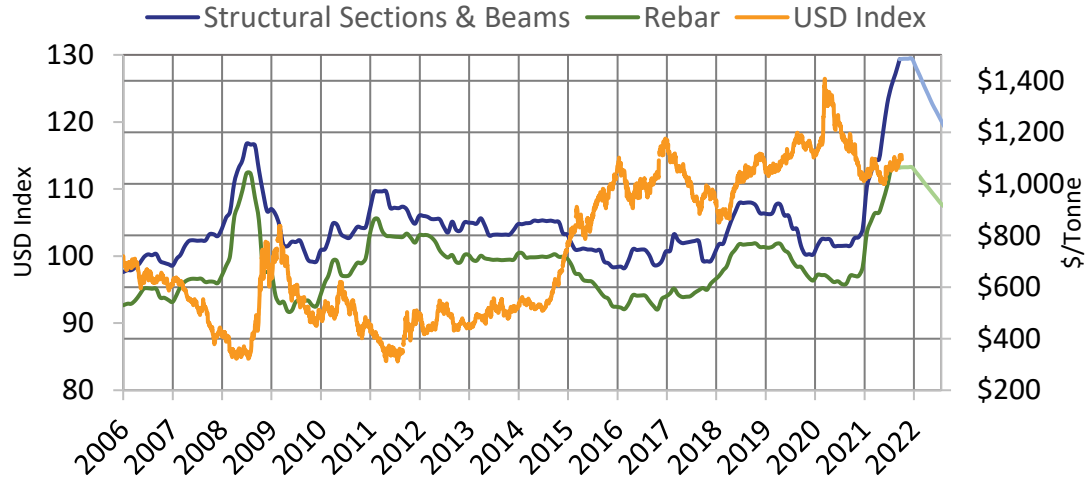
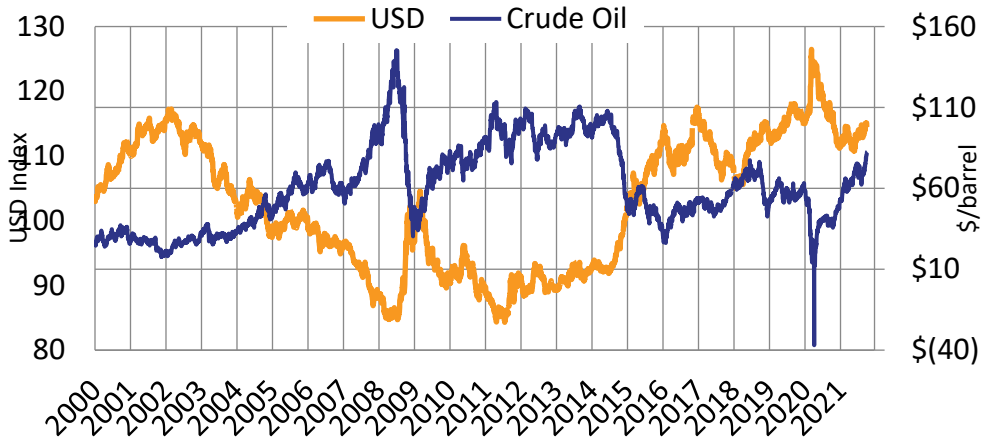
Put In Place Construction (Annualized Billions)

■ Non Residential ■ Residential ■ Infrastructure









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- In addition to bidding contingency; 0.5% per month for Q3 & Q4 and 2022
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Design Assist Contracting

Vaughn Construction

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- Design Assist/Build Contracting – Big State Electric
- Design Build Contracting – University of Texas Arlington
- Higher Education Survey Results - Gensler
- Next session, December 2, 2021

Design and Construction Market Outlook

Thank You