

# Lean Construction Institute

Building Knowledge in Design and Construction

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# Lean Transformation

Value Stream Mapping Across an Organization



## ***LEAN STREAM***



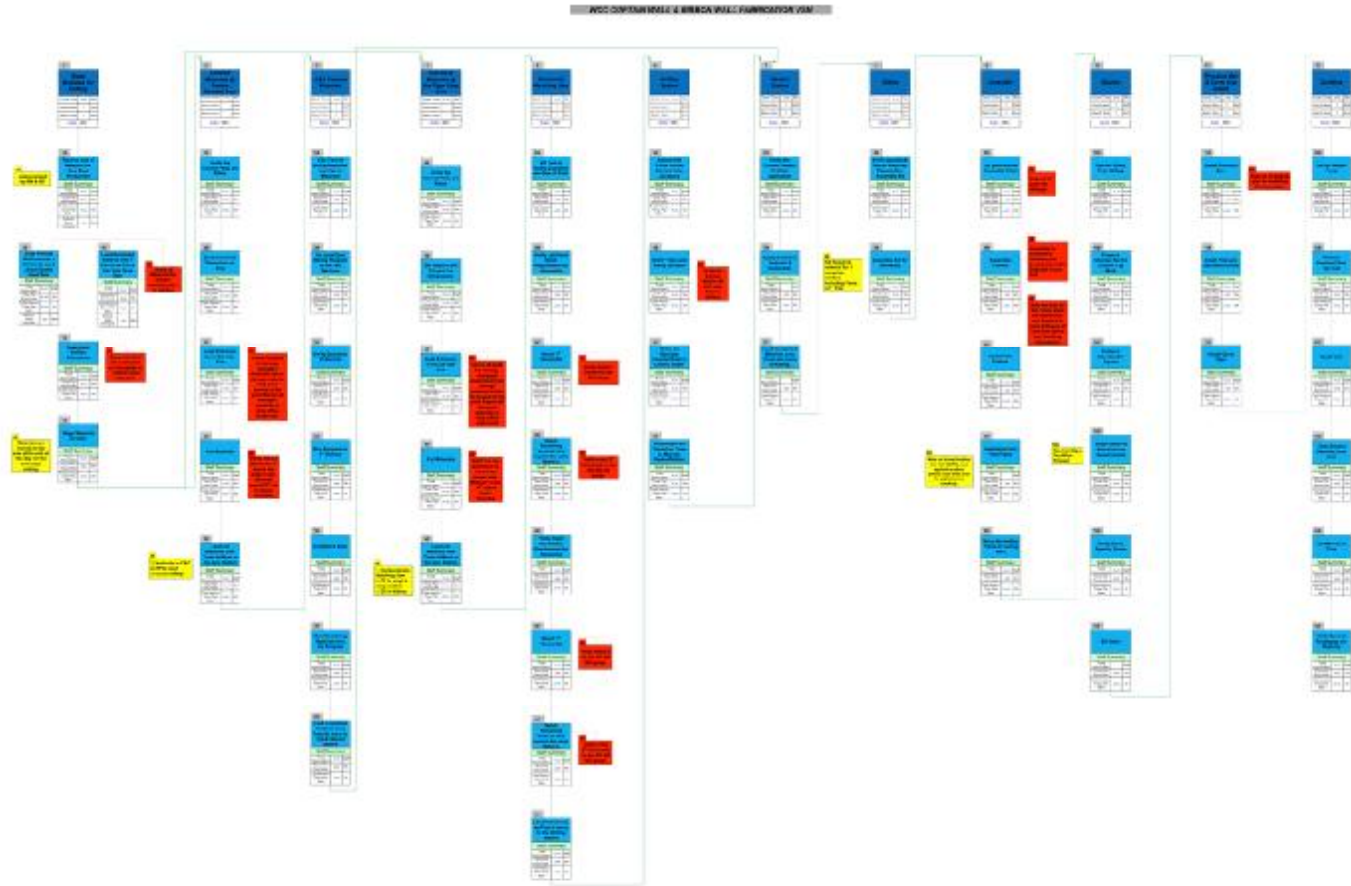
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# Our Five Year Lean Journey

- 5S program – “Just get started”
- Top down support with company wide buy in – “Scotty becomes a believer”
- Standardization through Mapping – “This is not a car”
- The Role of Innovation and Continuous Improvement – “You are creative”

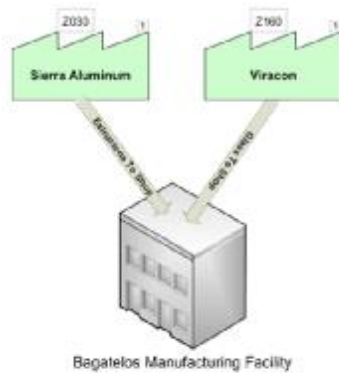
# VSM for Fabrication



# VSM for Field Installation

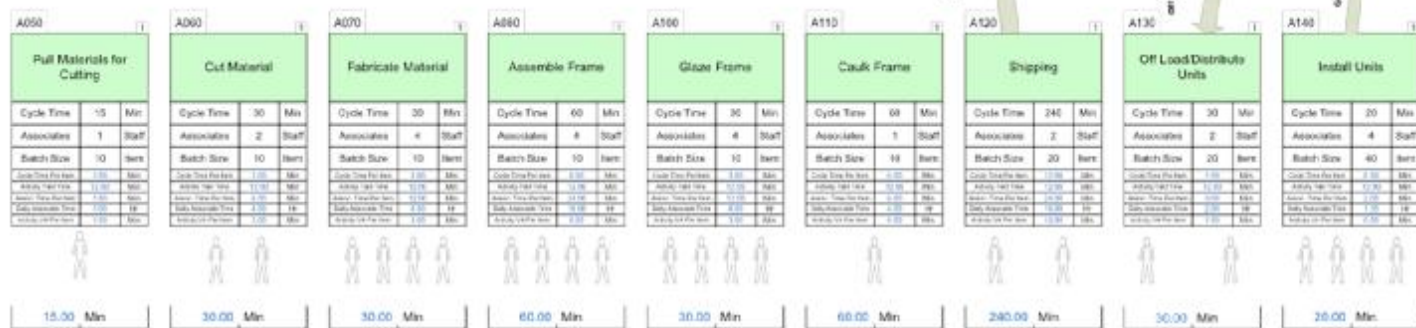


Day	Hr	Min
0	60	60
Hr	Min	Sec



Field Activities Shown are For 1-4 Man Crew. Job Requires 2 Crews installing units.

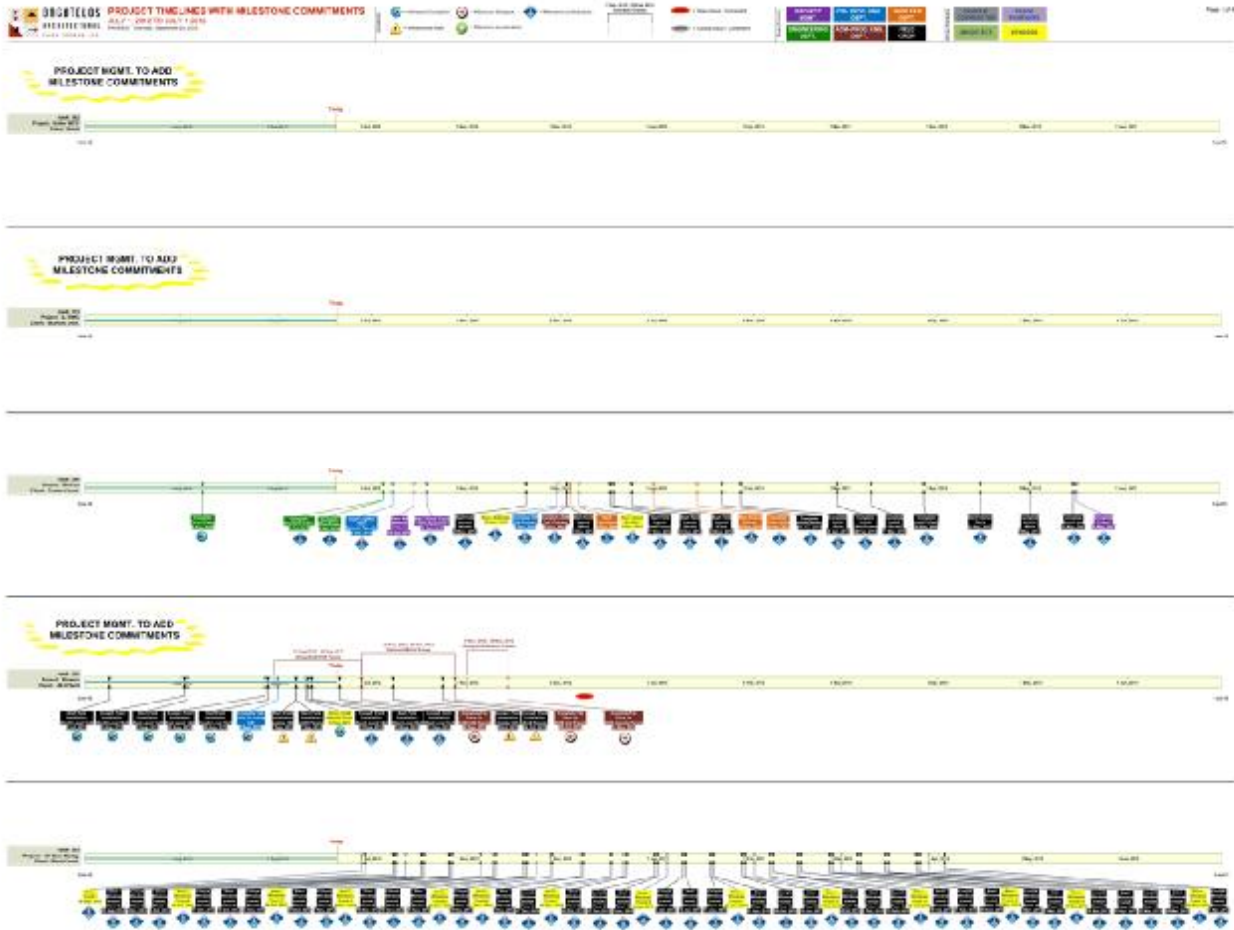
3175 Bowers Project		
Customer	Daily Demand	Rate
	40	Bar



2010 Time Summary	
Lead Time	1.01 Day
Total Value Added	555.00 Min
Value Added Percent	130.00 %
Total Time	12.00 Min

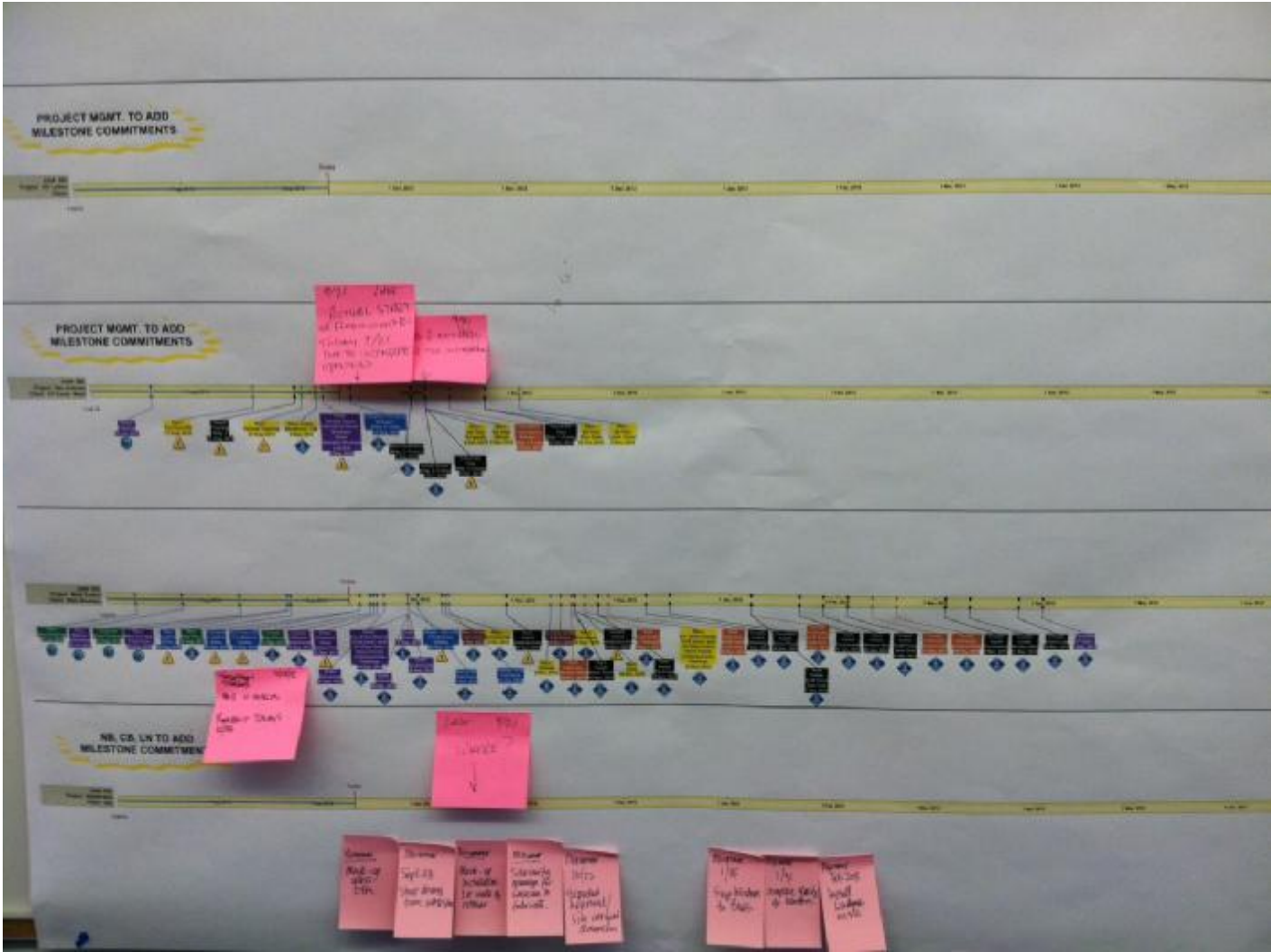


# Project Timelines





# Constraints on Timeline









# Questions?



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