

22<sup>ND</sup> ANNUAL



22<sup>ND</sup> LCI CONGRESS  
OCTOBER 19-23

# Hidden Opportunities for TI Construction by Transforming Planning During COVID-19

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THE ABC'S OF LEAN: TRANSFORMATION THROUGH ACTIONS, BEST PRACTICES AND COACHING

OCTOBER 21, 2020



**Howard S. Wright**  
a Balfour Beatty company

# THE PROBLEM

When COVID-19 hit our country, we all faced the same challenge in our industry:

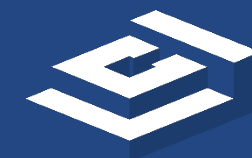
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## HOW DO WE COLLABORATE WITHOUT IN-PERSON MEETINGS?

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Instead of letting the problem define the outcome, we changed our methods by introducing technology that fits the needs of Last Planner System.

**This change saved us time spent on meetings, allowed us to maintain an already aggressive schedule, and will remain in place as a mainstay of the way we build.**



# GOING BACK





# Project Award

- 11-story & 10-story tenant improvements in neighboring buildings

JUNE  
2019





- Master plan
- Pull/phase planning
- Meetings to review and confirm buy in
- One owner of the plan to capture the information and distribute

# SEPTEMBER

## 2019



# LCI Congress Takeaways

- LPS = Reliable Planning
- Collective Planning = Reduced Waste
- Collaborative Planning = Development



OCTOBER  
2019







DECEMBER  
2019



# COVID-19 Hits

- Project deemed non-essential
- Onsite production halted, planning still moved forward
- Adapted to virtual meetings
- Returned onsite after six weeks



MARCH  
2020





# • GOING DIGITAL



# THE CHALLENGE

## Continue Look Ahead Planning, Commitment Planning, and Daily Huddles

We need to:

- Work live on the schedule
- Plan area workflow
- Communicate daily
- Be able to easily train new team members





# THE SOLUTION

**Utilize a combination of Touchplan,  
Bluebeam Studios, and Microsoft Teams**

We can:

- Phase plan
- Look Ahead plan
- Commitment / Weekly Work plan
- Host daily team huddles

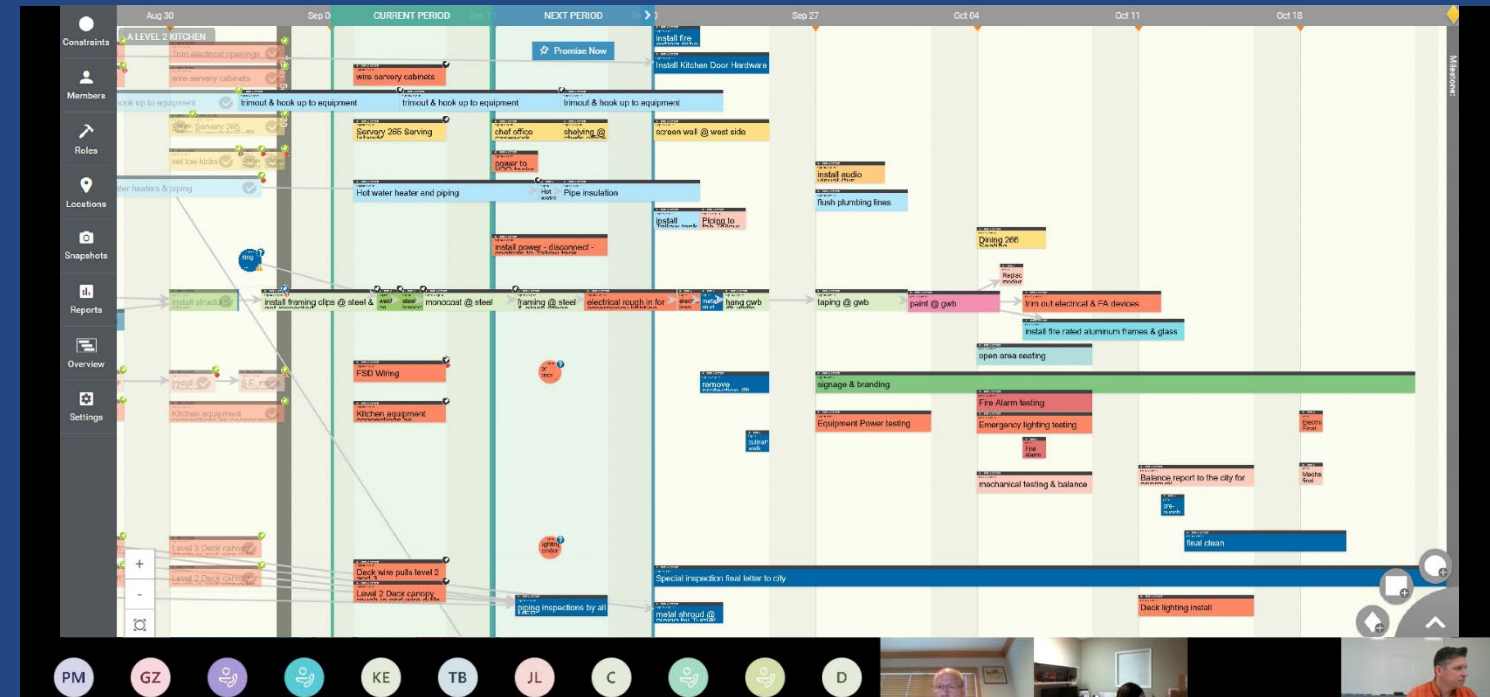
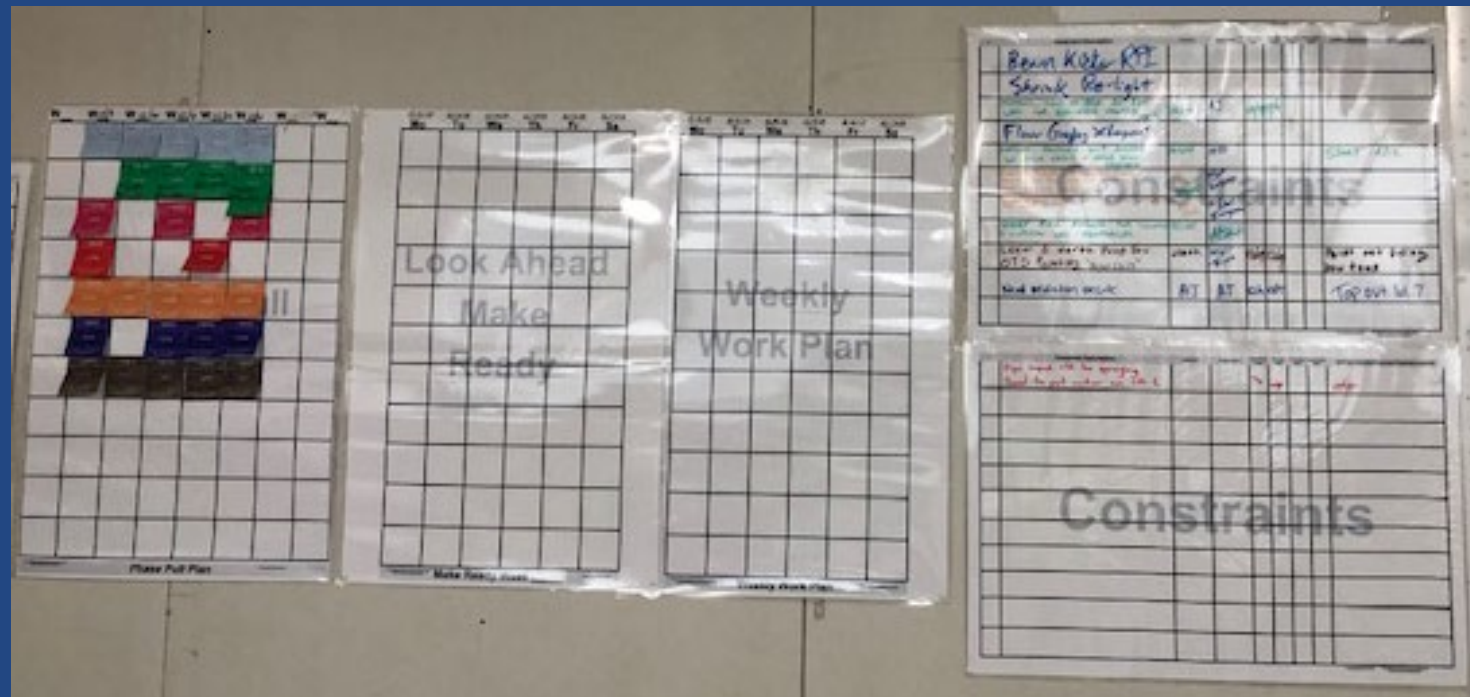


## What the Transition Looked Like:

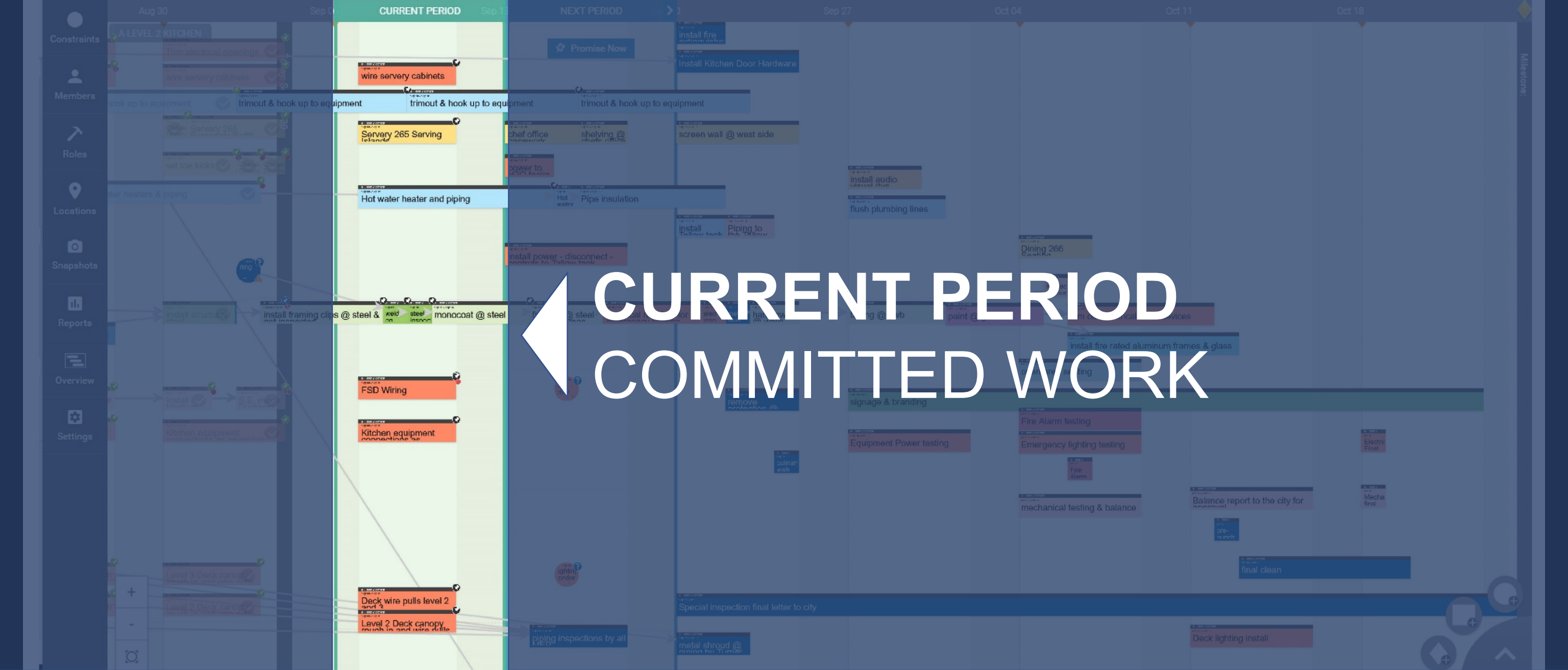
# Scheduling - Analog



# Scheduling - Digital



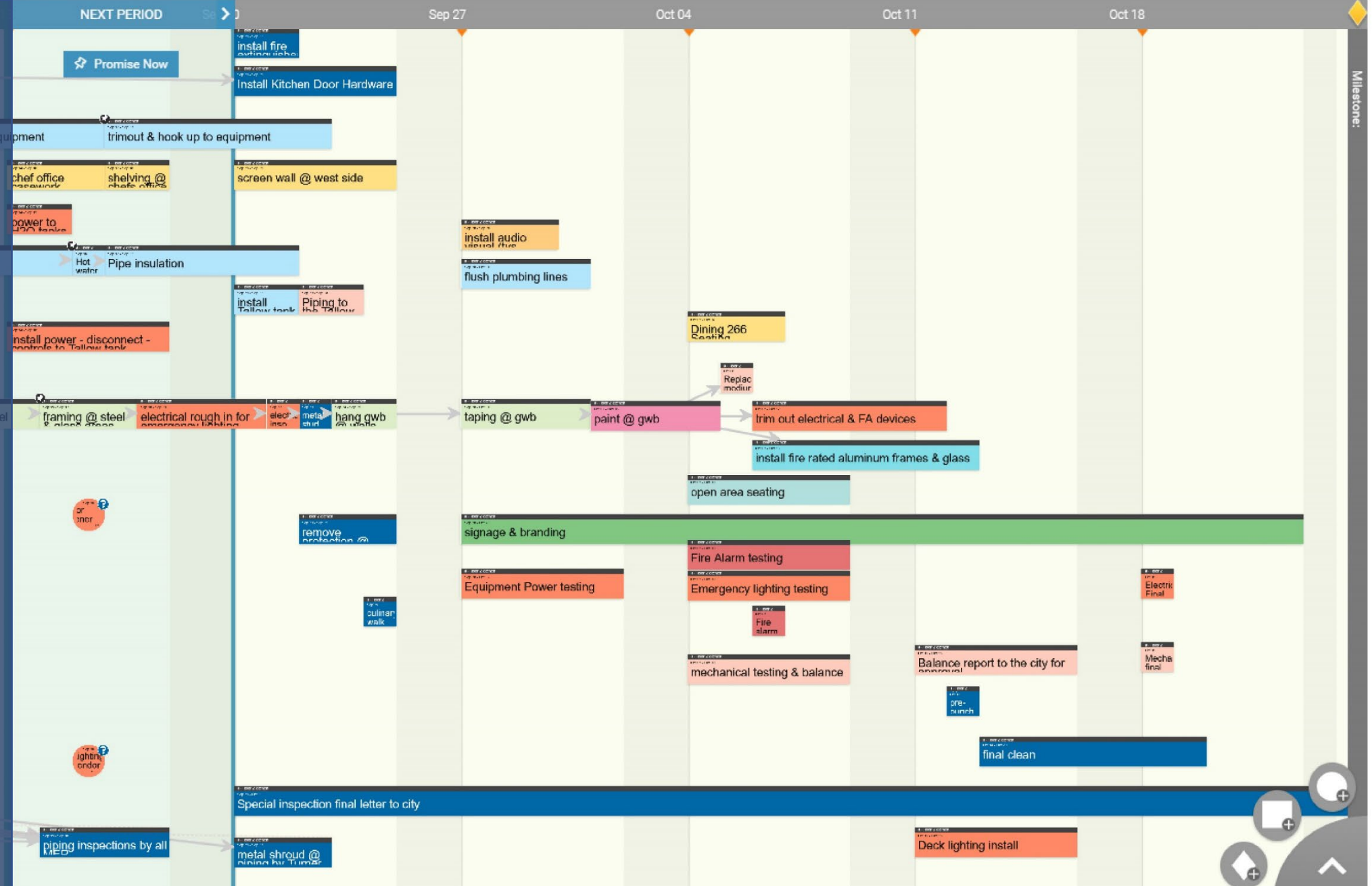




← CURRENT PERIOD  
COMMITTED WORK



# NEXT PERIOD AND BEYOND shows us Look Ahead



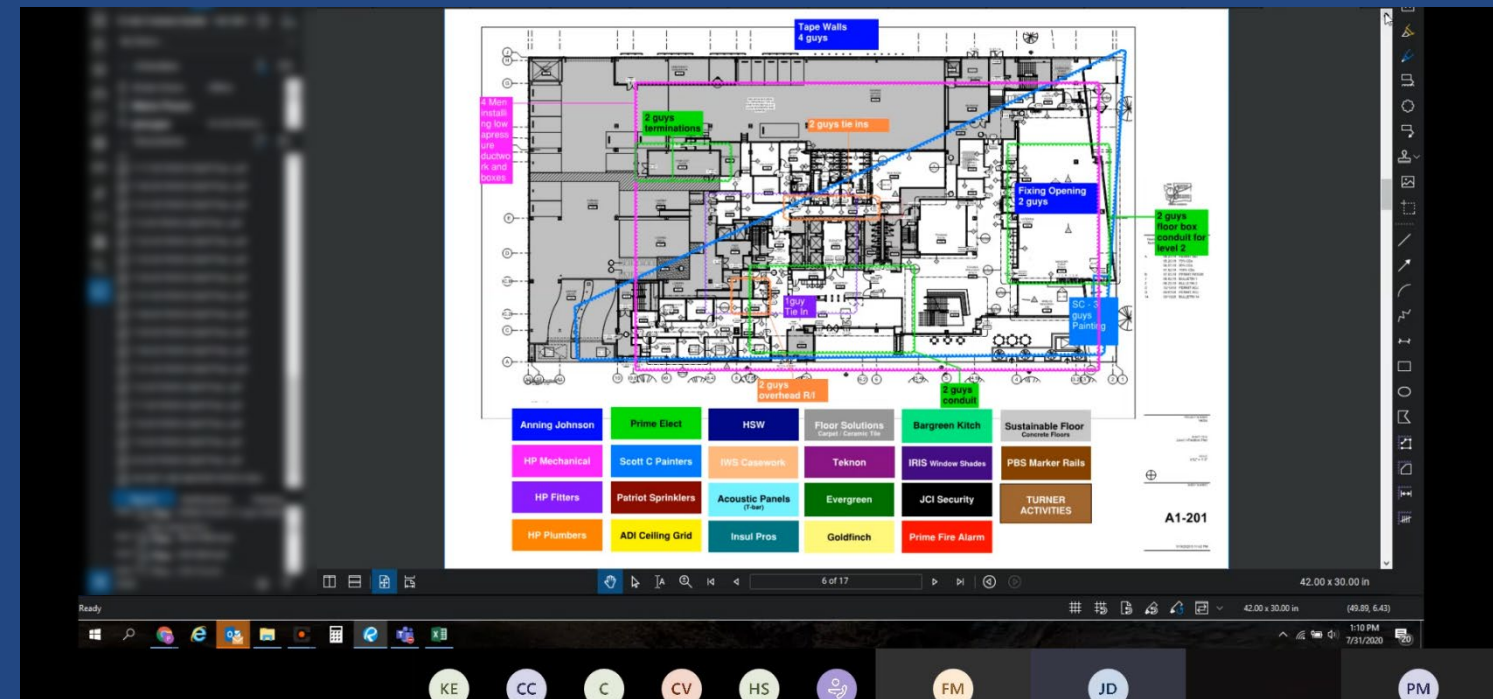


# What the Transition Looked Like:

Foremen Huddles - Analog



Foremen Huddles - Digital



EACH  
SUBCONTRACTOR  
has a unique color to  
mark up drawings

Tape Walls  
4 guys

4 Men  
installing low  
pressure  
ductwork and  
boxes

2 guys  
terminations

2 guys tie ins

Fixing Opening  
2 guys

2 guys  
floor box  
conduit for  
level 2

SC - 3  
guys  
Painting

1 guy  
Tie In

2 guys  
overhead R/I

2 guys  
conduit

Anning Johnson	Prime Elect	HSW	Floor Solutions Carpet / Ceramic Tile	Bargreen Kitch	Sustainable Floor Concrete Floors
HP Mechanical	Scott C Painters	IWS Casework	Teknon	IRIS Window Shades	PBS Marker Rails
HP Fitters	Patriot Sprinklers	Acoustic Panels (T-bar)	Evergreen	JCI Security	TURNER ACTIVITIES
HP Plumbers	ADI Ceiling Grid	Insul Pros	Goldfinch	Prime Fire Alarm	

6 of 17

42.00 x 30.00 in

1:10 PM  
7/31/2020

KE CC C CV HS FM JD PM





# • GOING FORWARD



# THE BENEFITS



**SAVED TIME**



**ACCESSIBILITY**



**ENGAGEMENT**



**COVID SAFETY**





# Contact Us

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**Thank you for attending this presentation. Enjoy the rest of the 22<sup>nd</sup> Annual LCI Congress!**