

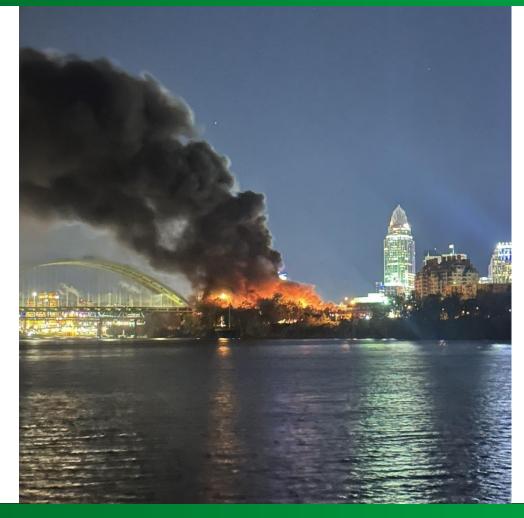


42nd ANNUAL TRAFFIC ENGINEERING WORKSHOP

DUDE, YOUR BRIDGE IS ON FIRE









PLAYGROUND





PLAYGROUND





INCIDENT OVERVIEW

 First Call 	0320
 First On Scene E5 – 	0329
 ODOT Notified 	0340
Fire U/C	0425
 CFD Units Clear Scen 	ne 1947



INCIDENT





INTERAGENCY COORDINATION

Moderate Impact

- Site security is a challenge
- Structural stability was a significant concern





INTERAGENCY COORDINATION

Significant Impact



- Joint Information Center Open
- Joint Information System developed/Ongoing
- Verizon network lines/issues



- Obvious Traffic impacts
- Upstream/Downstream Issues ONGOING
- River Channel coordination

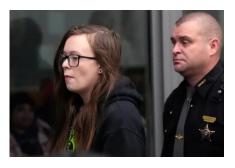


WORKING WITH EMERGENCY PERSONNEL

- Work within Incident Command System
- Be the physics tutor!
- Know who has the authority AND responsibility
- You will have to repeat yourself
- Conservative decisions should rule the day



NEXT STEPS







- Immediate Investigation
 - Assisted by numerous agencies
- December 10, 2024 Four Arrests Made
 - James Hamilton: felony obstruction.
 - Kaitlen Hall: felony obstruction
 - Terry Stiles: aggravated arson.
 - · Zachary Stumpf: aggravated arson.

LESSONS LEARNED

- Situational Awareness is a challenge!
 - Use ALL tools, drones, video, etc
- Call for help early
 - Consider Specialized Resources
- GET EVERYONE TO THE TABLE!
- OVER-Coordinate your public messaging



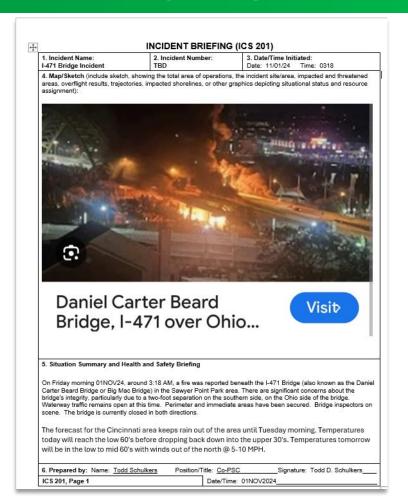
LESSONS LEARNED – DOCUMENTATION IS KEY







FOR OFFICIAL USE ONLY





WHAT THEY'RE SAYING

'It sucks' | Drivers sound off about congestion leaving downtown Cincinnati one week after bridge fire

ODOT said Friday that work on shoring towers could start Monday. That will allow for a closer inspection of the structure and will inform a timeline for repairs.



No longer a library lady @ReadReadBks



Paul A Miles Columbia pky is a nightmare

Alright, who's the knucklehead who set the Big Mac Bridge on fire?

6:30 AM · Nov 1, 2024 · 78 Views





Lori Marie Please hurry with this!!



Zachary Davis Is work 24/7 on these repairs? Traffic is absolutely awful

Daniel Carter Beard Bridge damaged by fire



'It's going to hurt' | Nearby restaurant feeling aftermath from Daniel Carter Beard Bridge fire



Chad Belt Thanks for the hard work everyone !!! Use your super power force to get this thing done!! It's a miserable commute!!!



Friendly reminder China replaced a whole bridge in 43 hours and ODOT is proud they got some temporary chain link fence up.



From wcpo.com



Mark Wright I'll be dead before this is completed



11/1/2024



















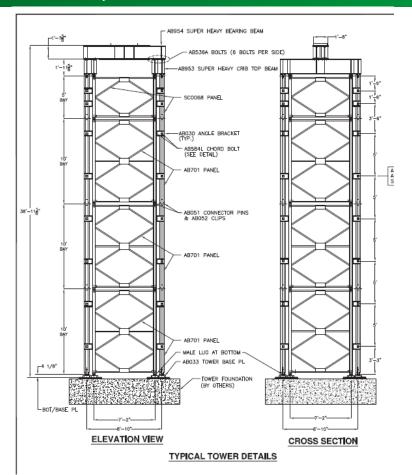


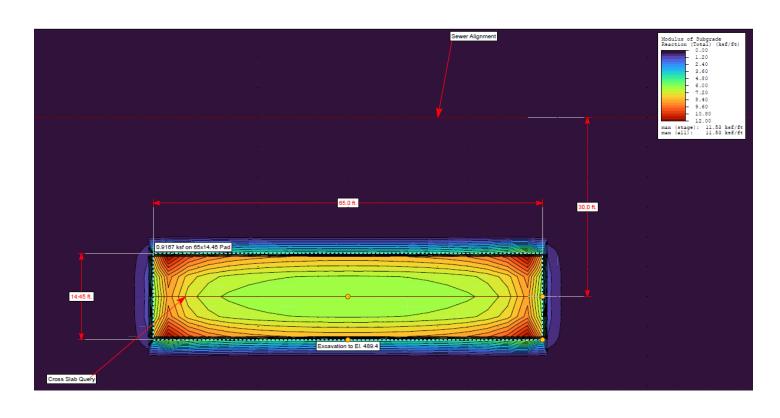
GETTING TRAFFIC MOVING AGAIN





SHORE, WE CAN FIX IT

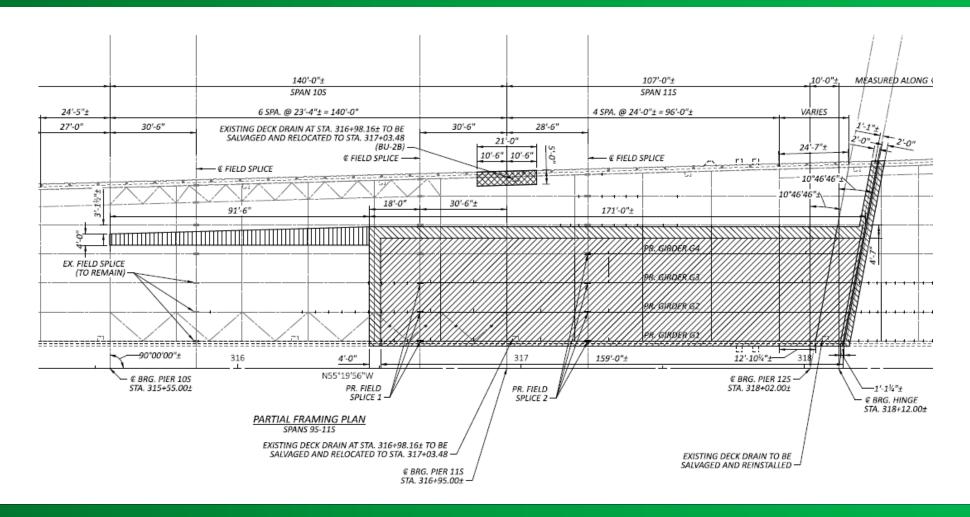




11/15/2024









SETTING THE TIMELINE





WHAT THEY'RE SAYING









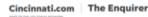


Weekend Edition Saturday

Reopening of Big Mac Bridge targeted for March

'Extremely delicate': Demolition plans set for I-471 bridge ahead of busy holiday weekend





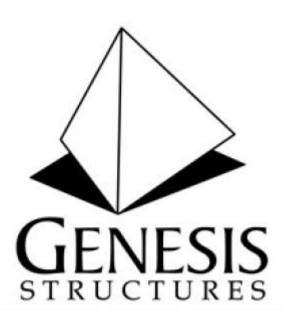


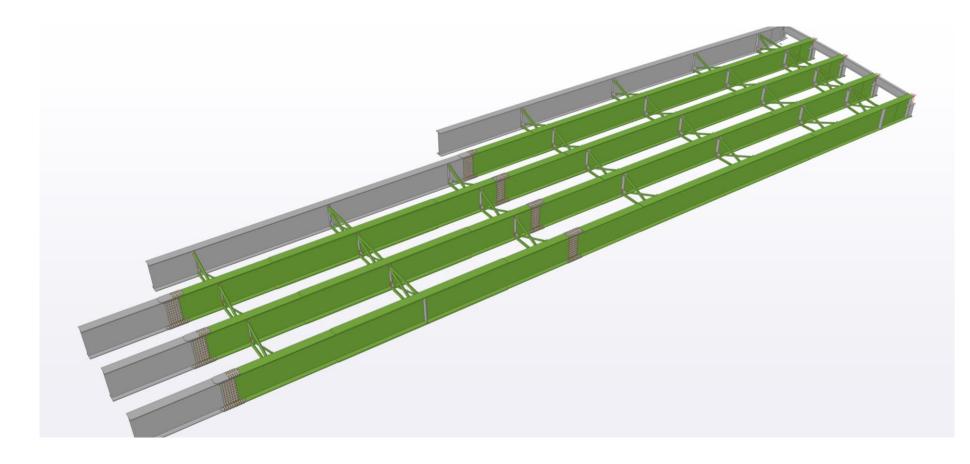
'Seems like forever': Commuters react after update on timeline for Big Mac Bridge repair

TRAFFIC

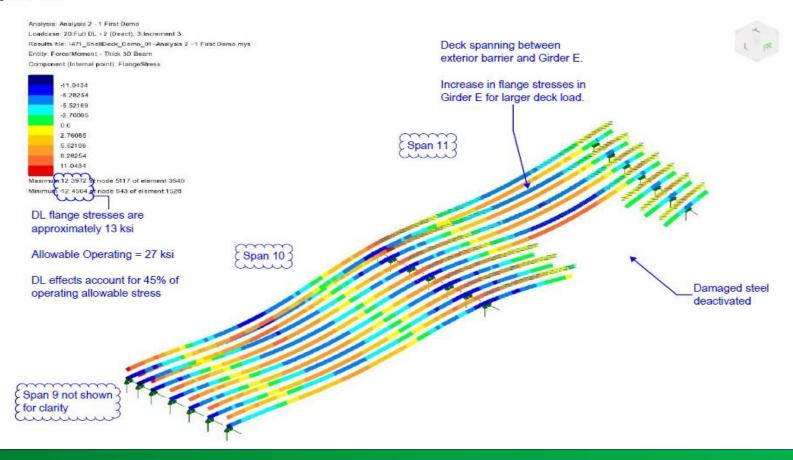
I-471 bridge set to reopen fully in March, demolition begins Friday



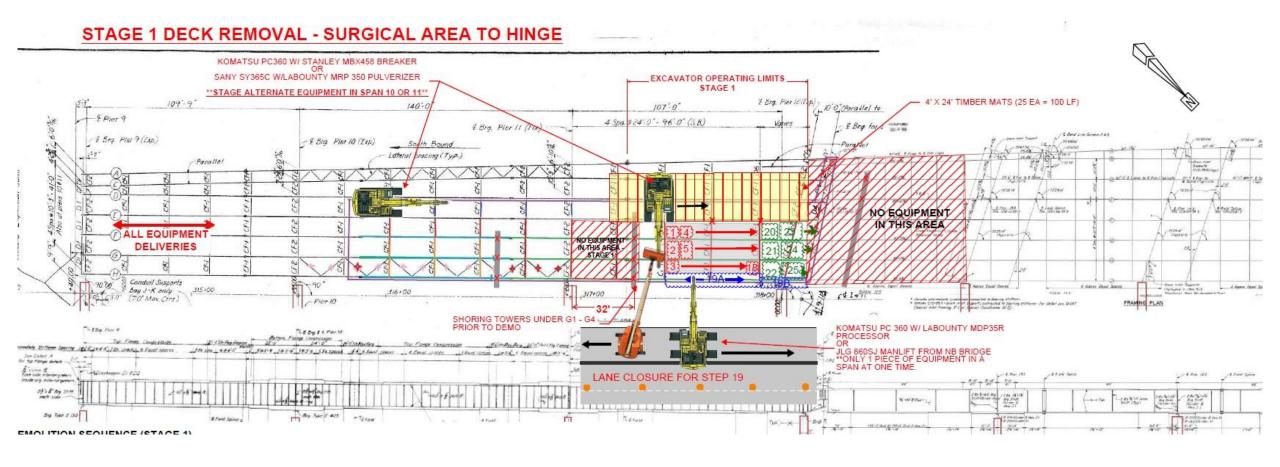




At Damage Flange Stresses



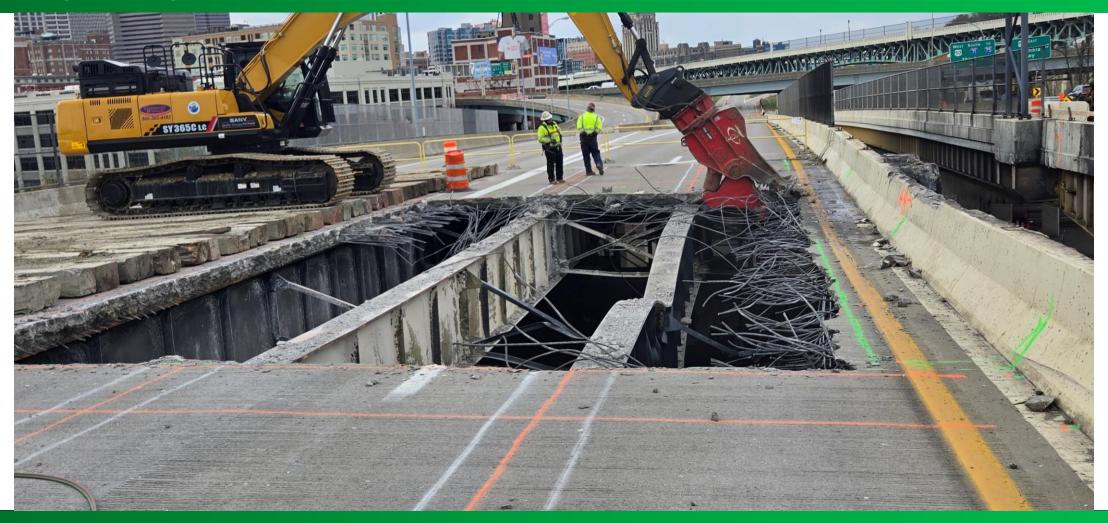






































GIRDER DESIGN



























GIRDER YOUR LOINS





WHAT THEY'RE SAYING

Steel for replacement I-471 bridge should arrive in mid-January

'It's a big step': Girder fabrication underway as work continues to repair Big Mac Bridge

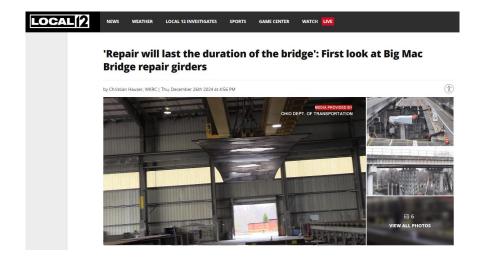








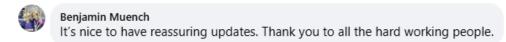
WLWT5 Updated: 5:07 PM EST Dec 26, 2024



Steel girders arriving in Cincinnati for Daniel Carter Beard Bridge repair: ODOT

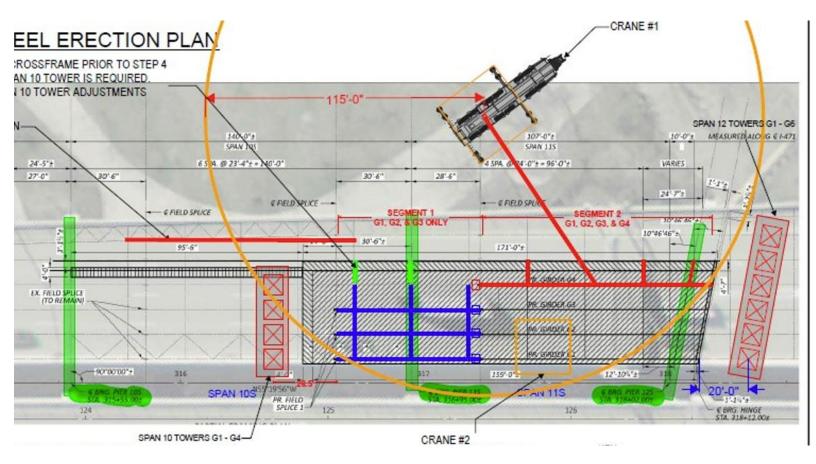


Big Mac Bridge fire: Emergency repairs take big step forward this week















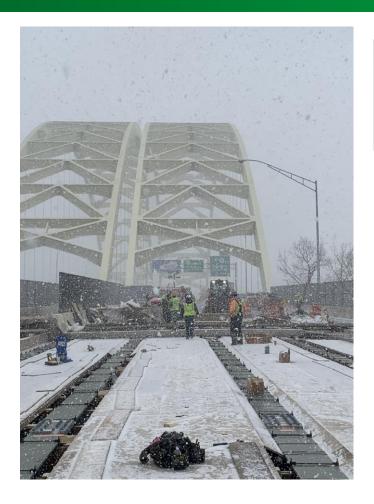




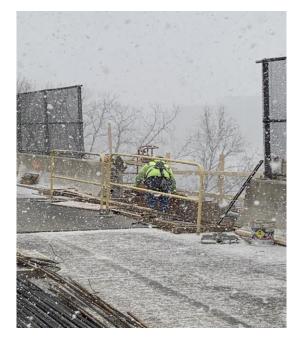


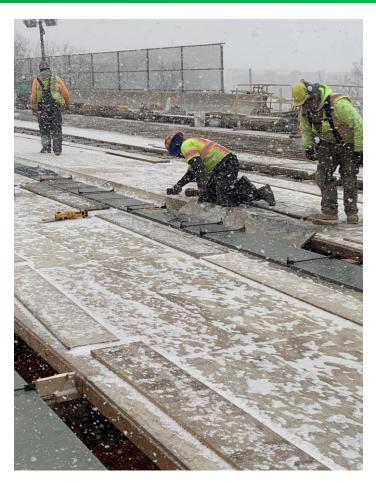
















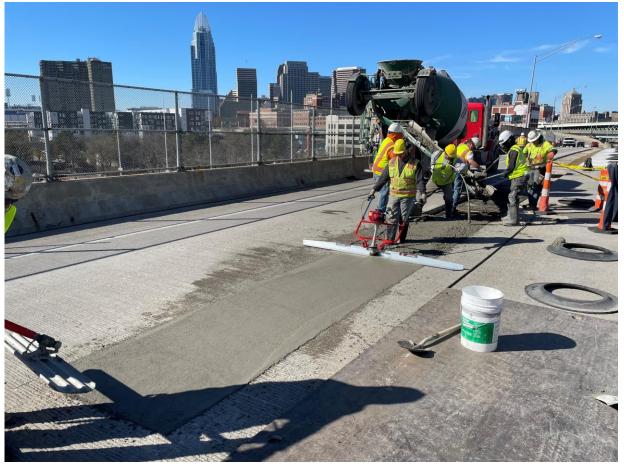




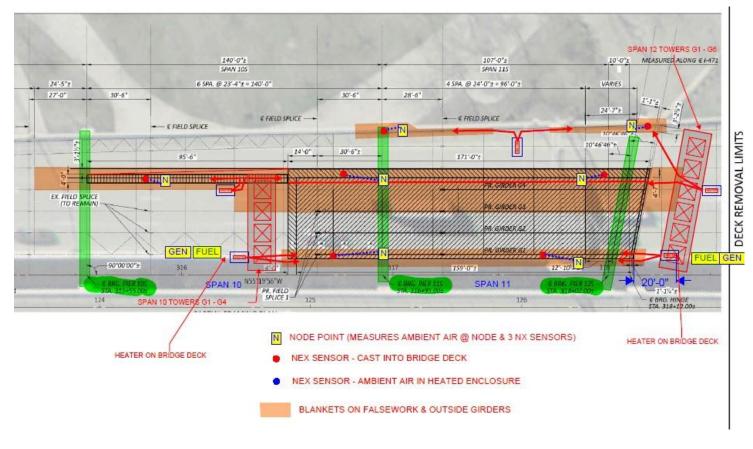








KEEPING IT WARM





KEEPING IT WARM





KEEPING IT WARM





MEDIA COVERAGE

Cincinnati.com | The Enquirer

Big Mac Bridge southbound I-471 lanes to reopen Sunday, 3 months

after fire



LOCAL NEWS

ODOT: I-471 southbound lanes on Big Mac Bridge to re-open on Sunday

Felicia Jordan



I-471 Bridge to reopen Sunday night



I-471 SB lanes to 'Big Mac' Bridge will reopen Sunday, officials say





WHAT THEY'RE SAYING



Griselda Anejo · Follow

Martian King

@VWhitlatch60035



Evan Schu

These workers deserve a key to the city. We could hear them working weekend graveyard shifts from our house in Newport. Around the clock and in terrible weather. Incredible

I can't wait. That bridge being closed has ruined my commute home I swear. I pray that it is back up soon and safe for us to use.



@herdnurse



Shout out to all the peeps that worked hard to make this happen!! Thank you!!!!!

Awesome! Great work and thanks to everyone making this happen in a timely fashion.



Zachary Davis
This is wonderful.



Rob Morrison

The speed at which this was done is impressive! As someone who is in sales, and drives this route a lot, I thank you!



Laura Schafer

Wow! Thanks to all who worked so hard to make this happen. It is a huge feat that could not have been accomplished without teamwork and many people going above and beyond their job requirements. Especially to those who worked in the frigid cold weather. It is appreciated!



Thank you to everyone that worked so hard on this!!!! MVP

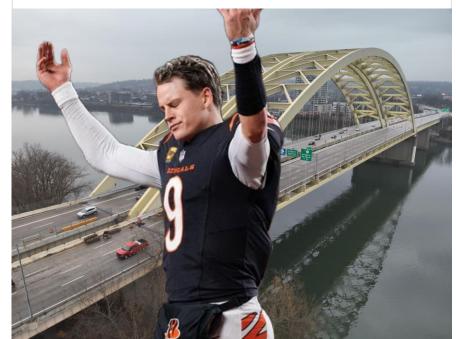


cincinnati sports fan @hollly14



Literally crying this is the best day of my life





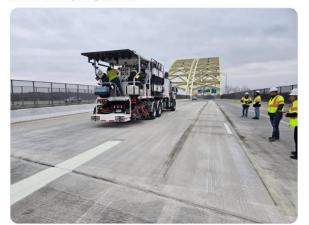


IT'S OPEN!





Now it has to dry. #BigMacIsBack





x1 ...

The first of many barricades coming down. Please be alert for crews out working to remove barricades, barrels, and signs tonight. #BigMacIsBack





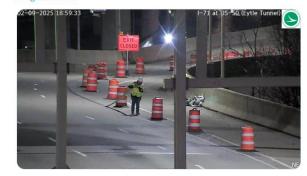
We're keeping an eye on these OHGO.com live traffic cameras. Just a little bit longer to ensure everything is set. #BigMacIsBack





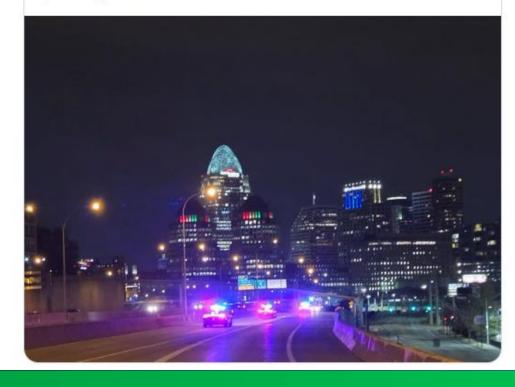
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Temporary striping coming up on the exit to I-471 south from US 50 east. #BigMacIsBack











TIMELINE





WHAT WAS UNIQUE?

- Alternative Delivery Design Assist
- Accelerated Schedule
- Winter Work
- Public Relations
- Political Pressure

WHAT MADE IT SUCCESSFUL?

- One Team. Actually.
 - Daily Coordination Meeting Central Office, D8, Engineer, Great Lakes,
 Consultants, Fabricators, Subs
 - Twice Weekly PIO Meetings ODOT and Great Lakes

- Communication, Commitment, Hard Work, and A LOT of Hours from ALL.
 - ODOT, Great Lakes, E.L. Robinson.



PARTNERS













STUPP BRIDGE



TEAM

TRANSPORTATION CABINET















