VIONYX TECHNOLOGIES

SAMPLE REPORT · 2017 ARCHIVE

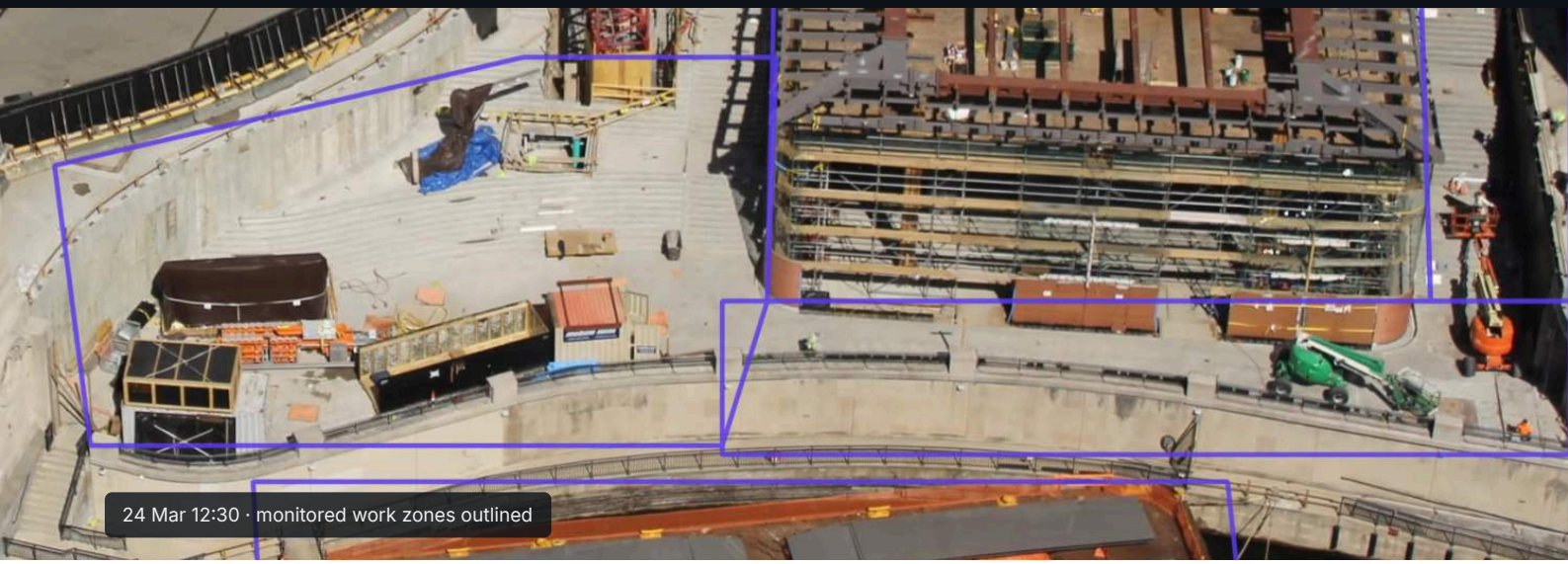
PROGRESS REPORT · PERIOD

Riverfront pavilion, Chicago

13 Mar 2017 – 24 Mar 2017
12 days

VION 01 · riverside mast
Autonomous AI vision

5 work zones
pavilion, terraces, apron, stairs, barge



24 Mar 12:30 · monitored work zones outlined

CREW-HOURS ON SITE	DAYS WITH ACTIVITY	CRANE SLEWING TIME	LOGISTICS EVENTS	OBSERVATIONS
651	**10 / 12**	**62 h**	**23**	**9**
peak 20 workers at once	of the days observed	most: Tue 21	6 deliveries · 17 crane ops	to check on site · p. 3

SUMMARY

Perimeter outriggers and canopy edge steel were installed; facade glazing work was seen within the exterior scaffolding. Laydown areas were reorganised, and the barge brought steel trusses, crated glass and canopy panels. Crews were on site on 10 of 12 days, with up to 20 people at once.

Needs attention

- Canopy panels on the barge **50 h** (since 22 Mar 14:30), not lifted.
- Crane load possibly over the public area: 3 times; 6 more observations, p. 3.

Carried over · state at 24 Mar 17:30

- Canopy panels on the barge since 22 Mar 14:30; four stacks unwrapped by 24 Mar 15:30, none lifted.
- Orange protective sheeting and materials across the pavilion roof interior bays since 24 Mar 13:30.
- Long black equipment container in the west terrace lower laydown area since 24 Mar 12:30.

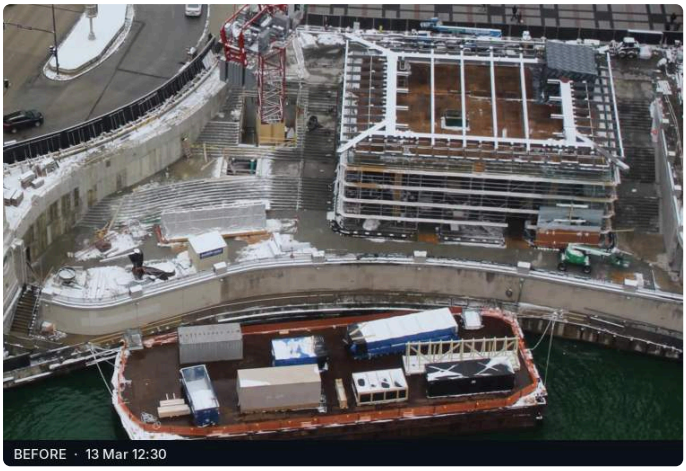
Sample report · illustration of the format · zoom frames are crops of the wide frame · footage: Eric Stein, CC BY 3.0

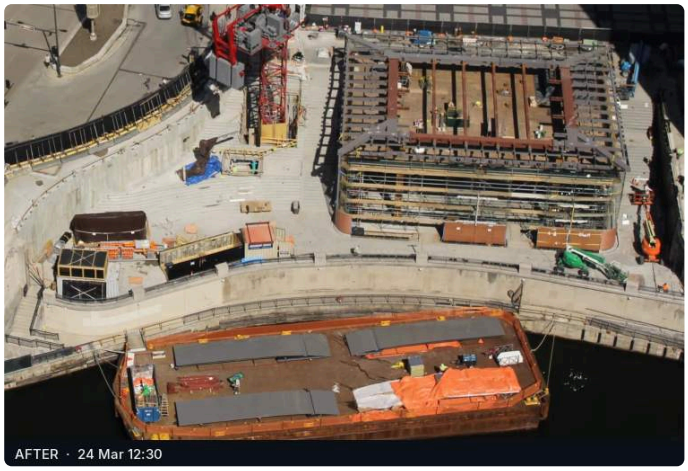
EVIDENCE

Before and after

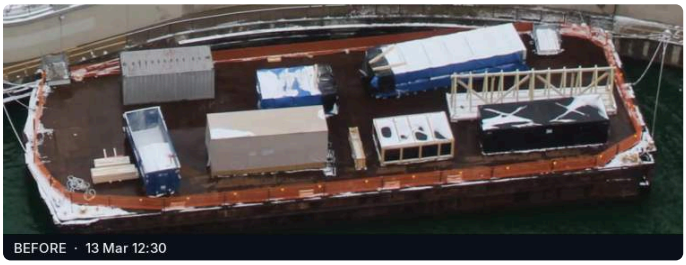
02

Whole site



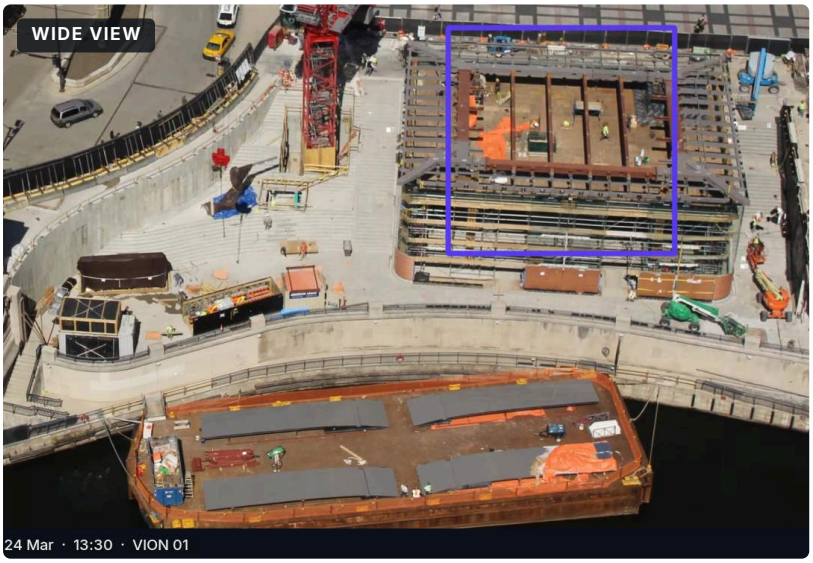


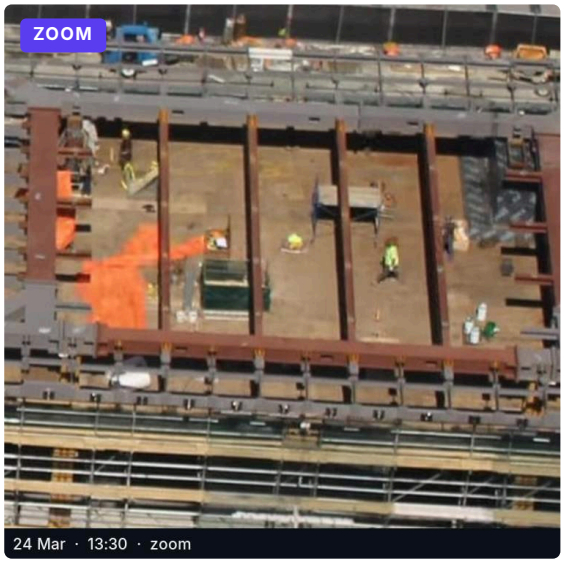
Material barge





Wide view → zoom · Fri 24 Mar · 13:30



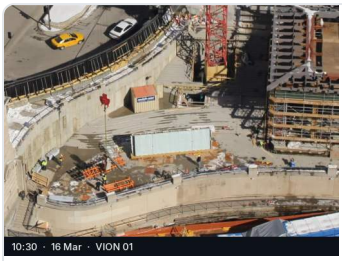


Four workers in hi-vis on the pavilion roof framing; orange protective sheeting laid across the interior bays.

EVIDENCE

Key events

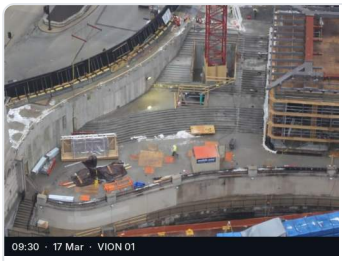
Each card: the hour before and the hour of the event. 03

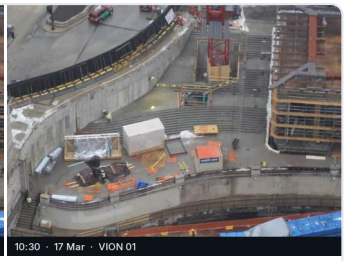




LAYDOWN Thu 16 Mar · 11:30 · west terraces

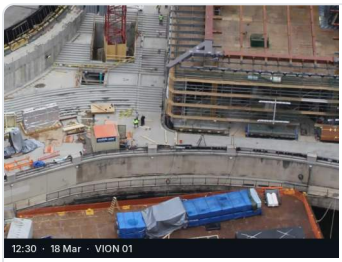
Front panel removed from crate, revealing internal framing and glass panels.

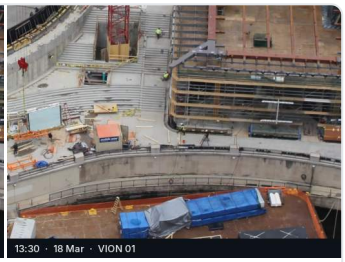




DELIVERY Fri 17 Mar · 10:30 · west terraces

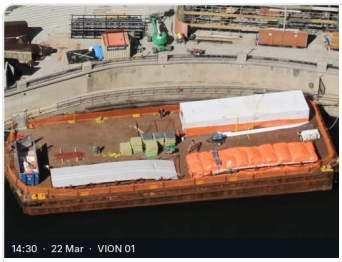
Large white-wrapped delivery crate placed on west laydown area

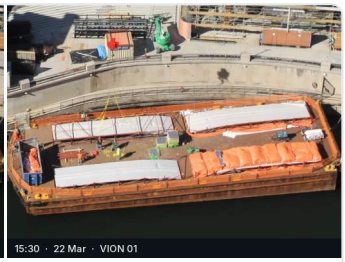




CRANE LIFT Sat 18 Mar · 13:30 · tower crane

Crane hook lowers over the exposed glass panel on west terrace.





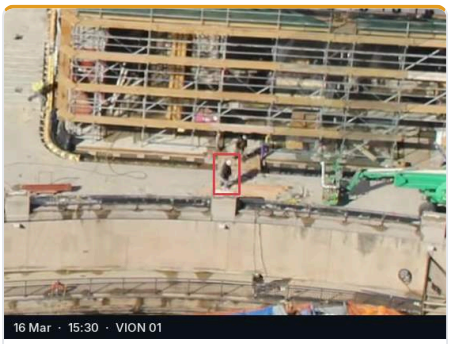
DELIVERY Wed 22 Mar · 15:30 · barge

Second canopy panel delivered and rigged on barge framing

WORTH CHECKING

Observations

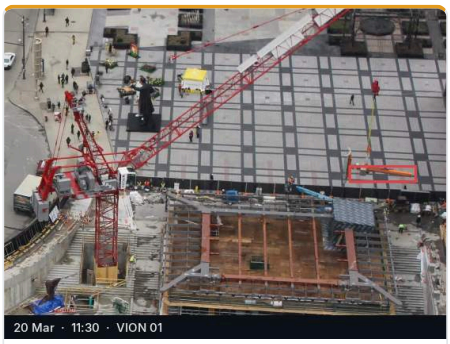
Seen from one viewpoint: each item is a prompt to check on site, not a confirmed finding.



CHECK

Hi-vis vest possibly missing

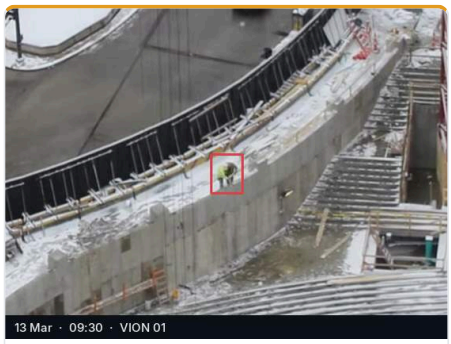
noted 4× · 16 Mar 15:30, 20 Mar 16:30, 21 Mar 11:30, 24 Mar 10:30



CHECK

Crane load possibly over public area

noted 3× · 20 Mar 11:30, 23 Mar 13:30, 23 Mar 14:30



CHECK

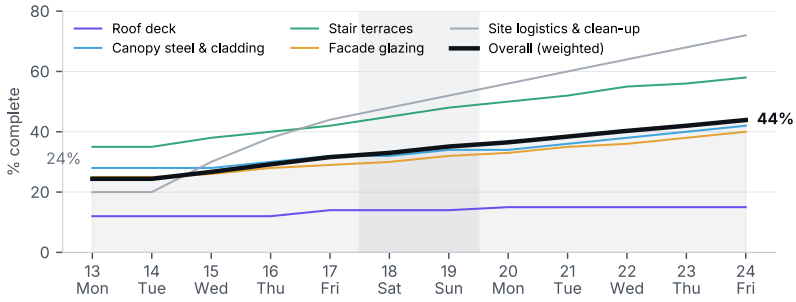
Work at height: tie-off not visible

noted 2× · 13 Mar 09:30, 23 Mar 15:30

APPENDIX

Progress by day

Progress figures are a visual estimate from the images, not yet calibrated against a real project. A



Work packages · visual estimate

Roof deck	15%	+3
Canopy steel & cladding	42%	+14
Stair terraces	58%	+23
Facade glazing	40%	+15
Site logistics & clean-up	72%	+52

Overall (weighted): **24% → 44%**

DAY	EST. %	PEAK	CREW-H	CRANE	OBSERVED
Mon 13 Mar	24%	6	18	0.8 h	Interior structural work continued within the pavilion enclosure. Temporary site and perimeter safety lighting were activated across the riverwalk and material barge by end of shift.
Tue 14 Mar	24%	5	21	1.8 h	Site activity was minimal across the pavilion. Operations were limited to minor under-tarp tasks along the south scaffolding and intermittent crane movement.
Wed 15 Mar	27%	8	41	5.8 h	Site work focused on material logistics, uncrating components on the moored barge, and envelope work. Crews continued perimeter framing from exterior scaffolding platforms.
Thu 16 Mar	29%	14	52	5.0 h	Crews staged glass-handling equipment on the west terrace and unpacked a large crate of facade panels using the tower crane. Glazing-related work continued along the south scaffolding.
Fri 17 Mar	32%	13	61	7.8 h	Tower crane operations offloaded and staged a large crate in the west laydown area. An orange boom lift was mobilized to the east stair terrace.
Sat 18 Mar	33%	11	48	4.2 h	A minimal skeleton crew was on site for the weekend with limited operations. Work was confined to equipment relocation and laydown adjustments.
Sun 19 Mar	35%	10	42	5.0 h	Operations focused on crane rigging and material transfers between the barge and the west laydown terrace. Crews transferred storage crates and returned an empty glass rack to the barge.
Mon 20 Mar	36%	17	82	5.8 h	Tower crane operations removed delivery racks from the river barge. Aerial lift crews advanced canopy framing and installation work along the northwest pavilion perimeter.
Tue 21 Mar	38%	18	101	8.5 h	Crews unloaded bundled metal decking packages from the river barge via tower crane directly to the roof level. Timber dunnage was set across central roof framing.
Wed 22 Mar	40%	16	68	7.2 h	Crews received a major barge delivery of canopy panels and offloaded steel framing racks to the lower terrace. Workers unpacked the canopy panels on deck while facade work continued.
Thu 23 Mar	42%	13	60	4.8 h	Crews dismantled and removed a steel staging rack from the west stair terrace. On the barge, protective tarps were removed from timber roof components.
Fri 24 Mar	44%	20	56	5.5 h	Crews on the barge completely unwrapped the canopy panel stacks. Roof steel framing and alignment continued from aerial lifts and upper decks.