Peabody Museum Renovation and Addition KGL Code Upgrade Construction Progress Town Hall

September 8, 2021
Peabody Museum Addition and Renovation Milestones

Construction Milestones

- Peabody tower crane erection: 6/18/21
- New addition structural steel begins: 6/21/21
- Peabody transition to construction: 7/15/21
- Loading pavilion complete: 8/10/21
- Addition foundations complete: 8/27/21
- Bridge removal complete: 9/30/21
- Peabody window replacement begins: 9/30/21
- Peabody addition steel complete: 12/1/21
- New addition timber framing begins: 12/1/21
- Peabody addition exterior watertight: 4/7/22
- Dismantle tower crane: June 2022
- Construction project complete: December 2022
- Exhibit installation begins: January 2023
Project Site Logistics
Temporary HVAC on Exterior of East Elevation
Tower Crane
Peabody New Addition
Peabody New Addition
Great Hall
Diorama Protection
KGL Code Upgrade Milestones

Construction Milestones

- Work commences: 11/9/20
- Corridor ceiling removals: Complete
- Corridor flooring abatement: Complete
- Fire protection system installation: Complete
- Lab 113 and 120 renovations: Complete
- Men's restroom renovations: Complete
- Corridor finishes restoration: Complete
- KGL room 220 complete: 10/29/21
- KGL terrace complete: 10/29/21
- Atrium glass guardrail installations: 9/30/21 – 10/29/21
- Front entry stone replacement: 9/1/21 – 10/29/21
- Construction project complete: Fall 2021
KGL Basement – Corridors

Before (typical)  After  After
KGL Code Upgrades

Typical Corridor in Progress

Typical Corridor Complete

Typical Sprinkler Head (concealed)
KGL Code Upgrades – Typical Sprinkler Heads (exposed)
KGL Code Upgrades – Typical Stairwell Completed
KGL Code Upgrades

Room 120 Before

Room 120 After
KT Renovation Project Logistics

Kline Tower (KT) Renovation Project:
Late August 2021 to September 2021 Logistics Modification

9/18/21 to 9/29/21: Intermittent closures of the east side of Prospect Street and part of the sidewalk. One-way traffic and pedestrian routing will be maintained.

SPL is closed on 9/25/21 from 6 am to 6 pm ET.

A temporary two-week change to SPL pedestrian pathway route from 8/30/21 to 9/10/21.
• 11,000 cubic yards of soil were removed from the courtyard for the new addition, this equates to approximately 750 dump truck loads.

• The project has 4,500 cubic yards of concrete which equates to 450 trucks of concrete. This would enough concrete for a city sidewalk that was 18 miles long!

• The project consists of 950 tons of steel consisting of over 1,500 individual pieces.

• The tower crane has a mast height of 170 feet, a reach of 205 feet and is capable of lifting the equivalent of 5 combined automobiles at its furthest reach. It sits on solid rock below the building's foundation and is anchored 30 feet deep by 8 tension anchors capable of resisting over 2 million pounds of force.

• The building's new piping systems equals approximately 80,000 linear feet of piping combined. This roughly equates to the distance of a half marathon.
Questions?
Peabody Renovations and KGL Code Upgrades

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https://sciencehillprojects.yale.edu/gallery/peabody-museum-renovation-addition

https://peabodyevolved.yale.edu/late-summer-construction-update/