

CASE STUDY

NYC Hospital

LOCATION

New York, NY

A forward-thinking hospital and construction manager find a faster, cleaner and more sustainable option to build a new facility.

Lendlease worked closely with this prominent NYC hospital to evaluate a different way to build out their spaces. They understood that an integrated manufactured construction approach would be faster, cleaner and more sustainable. But could it be done in a cost-effective manner?



PROJECT STATS + HIGHLIGHTS

8,000 sq ft

of renovation in
an active hospital

2 weeks

reduction in the
construction schedule

7,100 lbs

of construction waste
diverted from landfills

ARCHITECT

Perkins Eastman

GENERAL CONTRACTOR

Lendlease



“

They understood that an integrated manufactured construction approach would be faster, cleaner and more sustainable. But could it be done in a cost-effective manner ...

”



A test project to evaluate going with a fully manufactured construction method, compared to conventional construction, was tried with the renovation of one floor in an active hospital in 2018. While the cost was initially analyzed to be 20% over conventional construction, the team agreed it was worth building out using a full DIRT solution.

In the end, the decision to go with this approach meant that space was built out in a cleaner and faster manner. It was completed early, achieving a two-

week reduction in schedule. Getting the project up and running early, easily offset the additional cost.

The team was thrilled with the project and determined it would take the same approach to build out the hospital's new Ambulatory Building, a 12-floor outpatient facility. Our team was brought in early in the design phase to work closely with Lendlease and design team. After reviewing estimates closely, we were able to close the gap in cost difference between conventional and manufactured construction to only 2%, and still maintain a 5% reduction in the construction schedule!

Learn more: [ForBuild.com](https://www.forbuild.com)