

# LEA BRIDGE ROUNDABOUT

## Location

Lea Bridge Roundabout, Hackney

## Client Type

Local Authority [Hackney]

## Key Collaborators

Transport for London

## Workstage

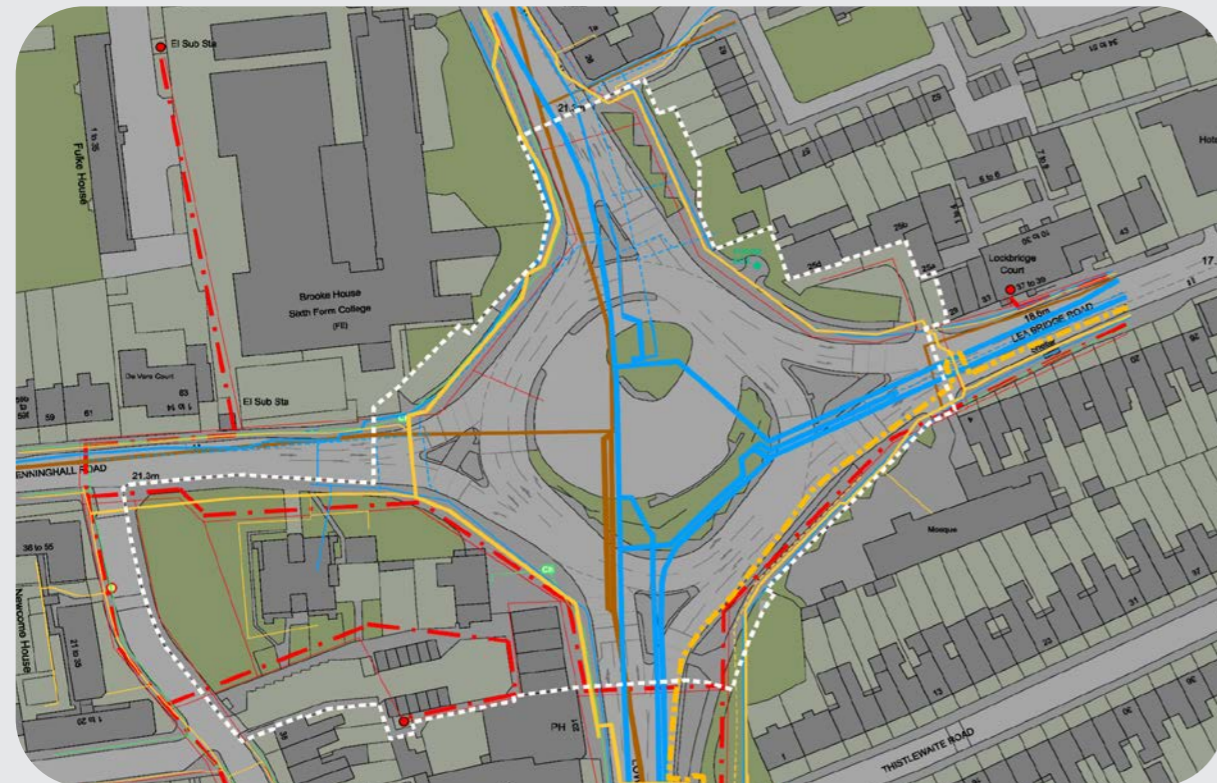
RIBA 0 - Strategic Definition

## Summary

Transport for London is developing a strategic masterplan across three existing bus garage sites in Hackney. The masterplan redistributes bus garaging and maintenance facilities, whilst redeveloping the Lea Bridge Roundabout into a vibrant, mixed-use, and walkable community.

## The Challenge

The redevelopment of a site at this scale requires significant utility upgrades. As such, a full inventory of the existing utilities and delivering a utility delivery strategy is necessary for the success of the project.



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## Our Approach

The GLA's ICDS created a comprehensive utilities report, which showed a diagram of all the existing utilities in the project area. The report also outlined other utilities projects occurring in the area, using the GLA's ICS' Infrastructure Mapping Application and recommended collaborative opportunities with other works going on in the area.

The report also highlighted key utility concerns and constraints - for example, after extensive review of the electrical infrastructure drawings, the report identified that it was highly likely that early, strategic engagement with electrical utility providers would be needed given that there would likely be significant capacity constraints.

## Testimonial

*"In terms of the report, we were very impressed by it. It was extremely thorough and well put together."*

Jonathan Woolmer, TfL

## Key Outcomes

While the work is currently ongoing, the report has identified broader project considerations, such as air quality requirements, assessed available geotechnical information, flood risks, heritage sites, and more. In doing so, this report can be utilized by TfL to develop a more sustainable outcome for the project, whilst delivering an effective utility delivery strategy that will lead to lower costs and time saved.

