



LOWER MANHATTAN, USA

Each year 1.3 million tourists compete for space in Lower Manhattan with the 370,000 local residents and commuters, increasingly leading to pedestrians not having space to move or enjoy the city. BuroHappold are working with a group of strategic partners on a major initiative to develop a significant transformation of the public realm in Lower Manhattan. The aim of this initiative is to provide an imaginative proposal to “restore the rights of the pedestrian”, provide room for growth by facilitating improved vehicular and pedestrian mobility and open the waterfront for new development. At the same time the initiative will create a distinctive brand consistent with Lower Manhattan’s position as a global city center.

Key to the success of Lower Manhattan will be the efficient, safe and comfortable circulation of pedestrians, including intuitive wayfinding and minimising conflict between the differing needs of tourists, local residents and commuters. BuroHappold’s Smart Space have been

appointed to rapidly assess and optimise interventions to alleviate these issues. This is being achieved through:

- Assessing the current issues and conflicts during peak times using video based surveys and street quality assessments to capture data and identify Key Performance Indicators for success
- Developing a pedestrian movement model of the current situation based on the empirical data, and,
- Carrying out what-if analysis of the study area to assess the impact of a proposed tourist trail intervention

We are working with key stakeholders to validate and optimise the proposals, provide operational and design recommendations to ensure the interventions deliver the intended improvements and visualise the benefits to pedestrian comfort during peak times.

CLIENT
BuroHappold Engineering New York

DURATION
2015 – ongoing

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Smart Space – People Flow & Space Analysis