

The New York Penn Station Atlas/ project roadmap

The toolkit begins with minimal technology and grows across iterations.

tech: low

tech: high

v1.0

digital space



full (static) mapset

A comprehensive set of static maps (PDFs, JPEGs) of Penn that can be viewed online, downloaded to any device or printed to paper.

Includes: Neighborhood Overviews, A to B Paths (as library of pre-set diagrams), You Are Here Perspectives, 3D Vistas, Floor Plans, Plan Spotlights.

The user interface for v1.0 is comprised of simple search fields and pull-down menu lists.

2.0



dynamic path plotting

Users plot their own custom A to B paths from from *any* Penn entry point (including subway entrances) to *any* goal in Penn. Results are formatted in an exact diagram of custom path.

Functionally, the tool is now more like Google Maps and less like pre-set library of path diagrams in v1.0.

3.0



3D model for users

3D digital models of Penn that users can rotate around or move through, enabling anyone to easily 'look around' the station for a better understanding of how the station is configured.

Different models show the actual spatial relationships as well as views in an 'exploded' style that separate and open component areas for full visibility.

4.0



live data integration

Train schedule status updates: delays, arrivals, departures.

Current status reports on accessibility (working and non-working elevators, escalators) displayed via existing MTA feed.

When/where feasible Indoor Positioning Systems (IPS) may enable live locating and route plotting inside Penn.

GPS integration for seamless interior/exterior experience.

vX

adopt/integrate in physical space?



in-station maps

Printed maps installed in key areas of Penn Station, implemented using 'heads-up' style.

Free printed map handouts available at station info desks.

Digital maps integrated into existing information screens.

Purpose-built digital map kiosks.



installed signage

A station-wide, clear, consistent solution for wayfinding help that integrates a re-designed signage program in the built environment with the full suite of digital maps and tools from The Penn Station Atlas.

www.pennstationatlas.com