

CITY OF PHILADELPHIA

otis



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August 18, 2021

The Philadelphia Art Commission
c/o Robert Roesch, Chair
1515 Arch Street, 13th Floor
Philadelphia, PA 19102

Re: September 1, 2021 Agenda item – Micro-shelters

Dear Mr. Roesch.

This letter is to request the addition of the Micro-shelter, a new type of street furniture, to the Art Commission Agenda for the September 1, 2021 meeting. OTIS is working with our bus shelter concessionaire, Intersection, to install 6 micro-shelters as a pilot in 2022. The micro-shelter offers the possibility to install a transit amenity in locations where a standard or small transit shelter would not be feasible, but is needed.

At the September 1 meeting, we are looking for approval to install six pilot units in six different neighborhoods around Philadelphia. These units will help us determine if the micro-shelter is useful to transit riders, easy to install and maintain, and desirable to install in other locations throughout the city.

We look forward to providing the Art Commission with more information about this new type of Street Furniture.

Thanks,

A handwritten signature in black ink, appearing to read "Patricia Dinatale".

Patricia Dinatale
Transit Program Manager
Office of Transportation, Infrastructure and Sustainability

Intersection

Art Commission Micro Shelter

September 1, 2021



Why a Micro Shelter?

- More amenity for riders
 - Smaller unit allows the deployment in locations that wouldn't fit a standard sized shelter
 - Siting based on rider needs and constructability only
 - Single mount point makes install easier and more flexible to site conditions
- Fewer surfaces makes this unit easier to clean and reduces opportunities for virus transmission
- Solar powered - less carbon footprint than standard electrified shelter
- Smaller footprint means more open sidewalk space for pedestrians

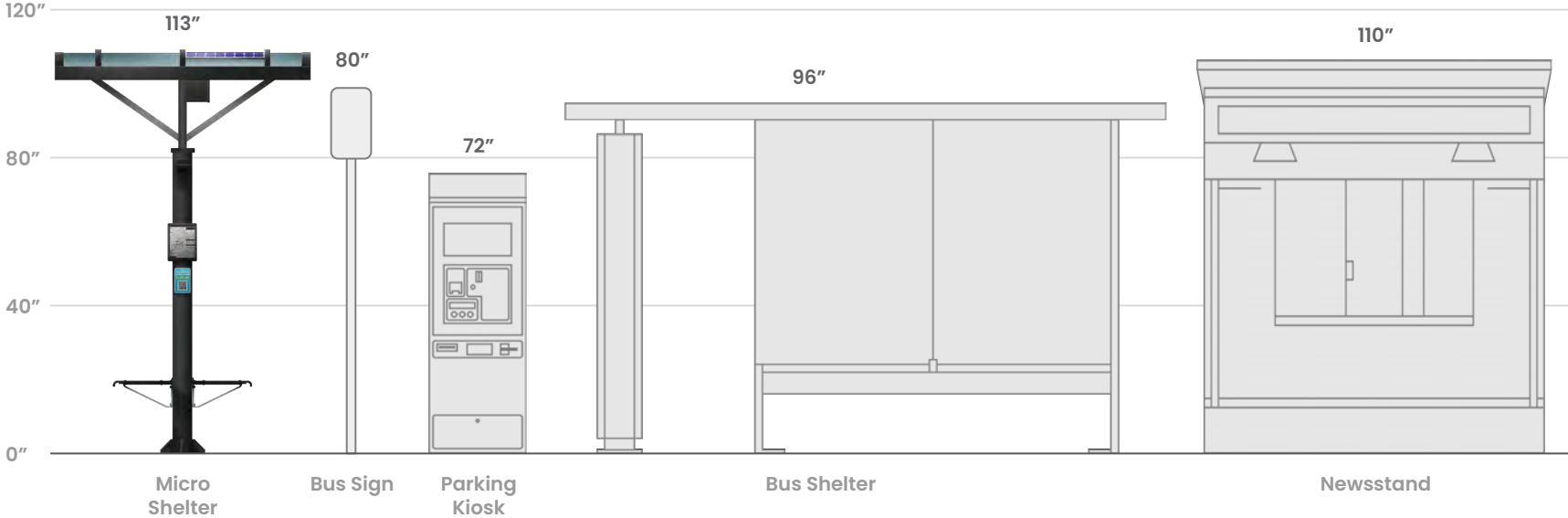


*Rendering is for illustrative purposes only.
Exact location dependent on formal site surveys.



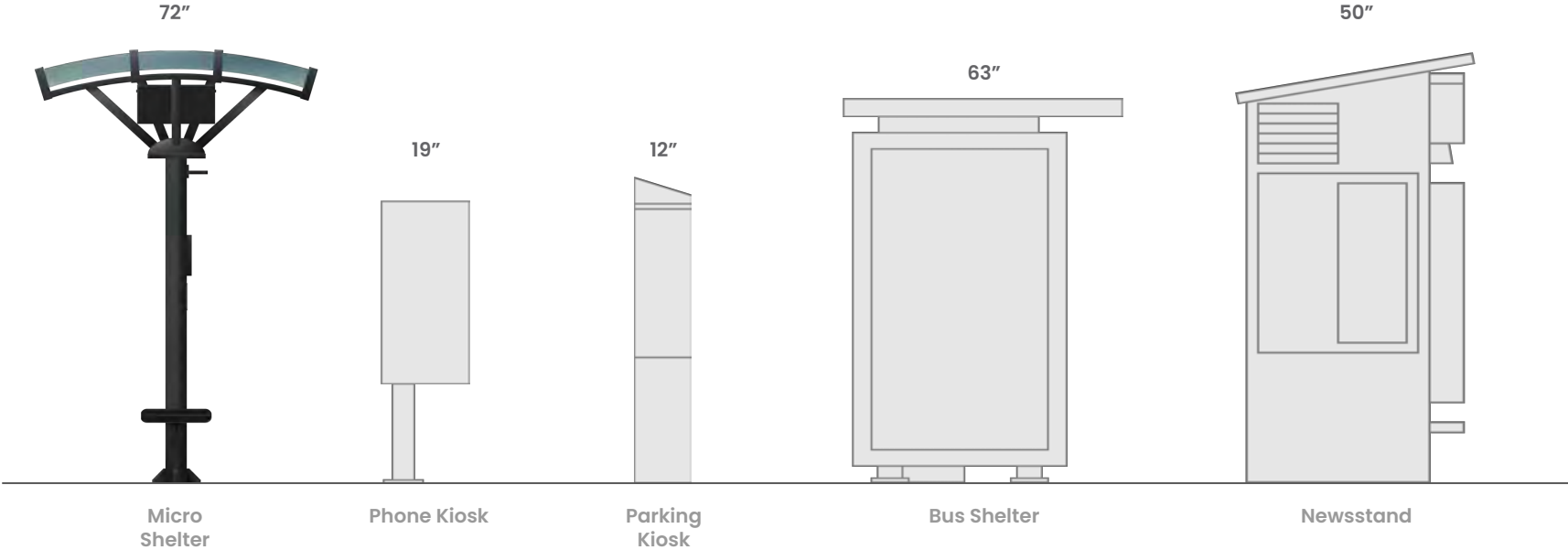
Dimension Comparisons

Height



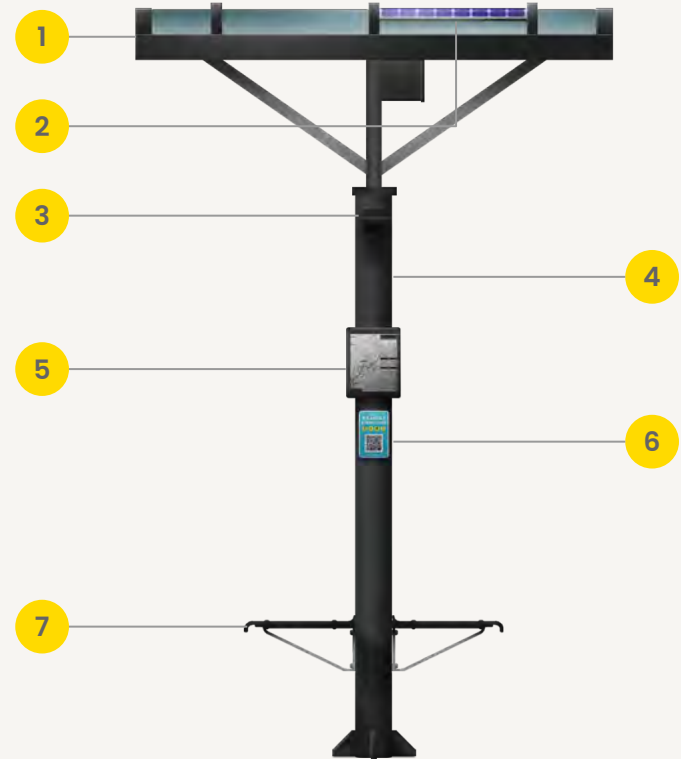
Dimension Comparisons

Depth



Key Features

- 1 6ft x 6ft Shade — covering two or more riders at once
- 2 Solar panel on roof
- 3 On-demand motion-sensor activated lighting for nighttime visibility
- 4 Color to match existing shelters
- 5 SEPTA-branded bus schedule holder
- 6 Real Time Transit Information via IxNConnect Anywhere
- 7 Seating at standard height for up to two riders at once

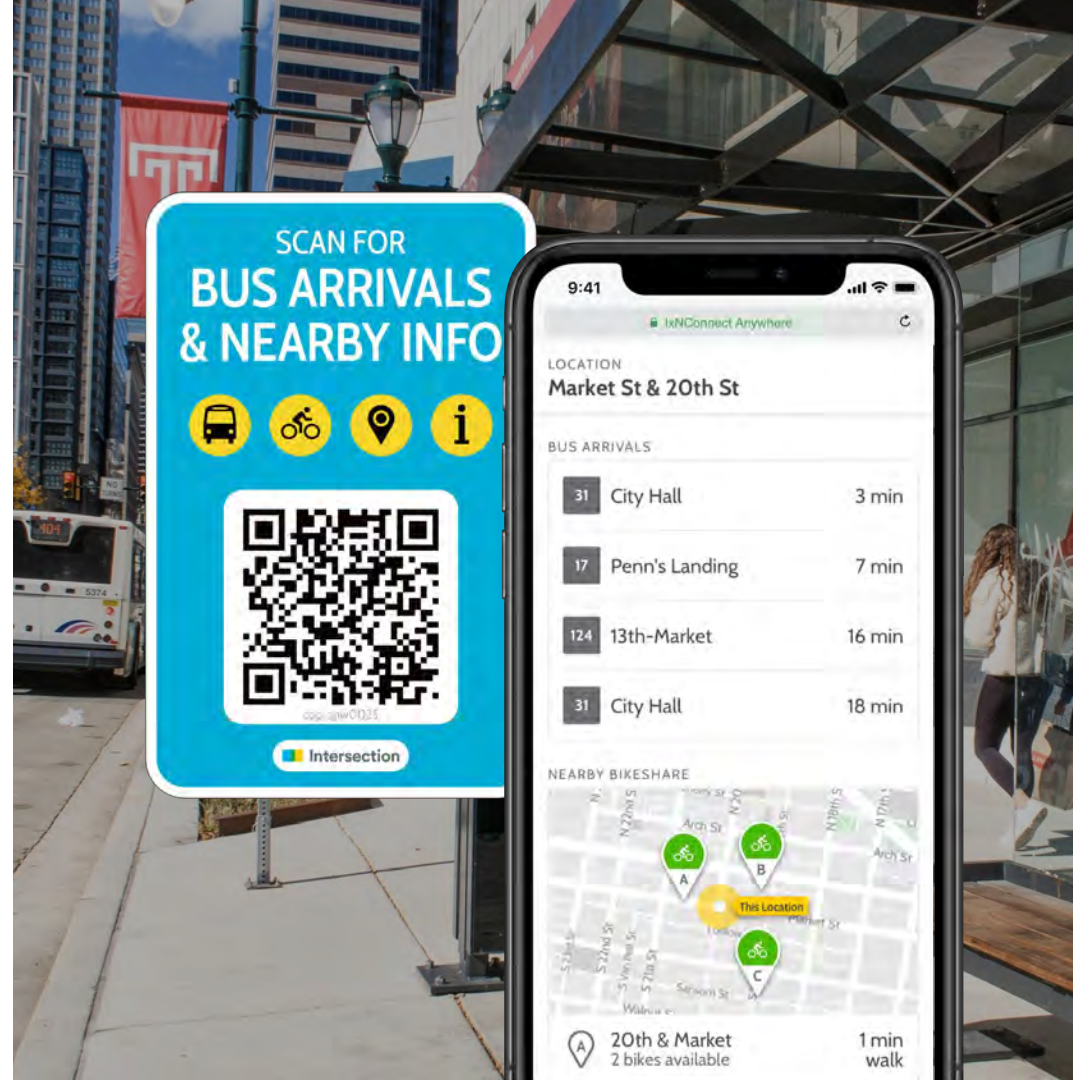


IxNConnect Anywhere

An on-demand mobile homepage for your location

IxNConnect Anywhere allows the City of Philadelphia to extend digital information to static locations. City residents can easily pull up real-time transit and nearby info on their mobile devices as they move through the city.

- **Pilot being pursued at existing bus shelters**
- QR signage added to transit stops offer quick access to a location-specific mobile page
- Optimized for speed and convenience
- Simple & anonymous – no need to install apps, login, or share your location





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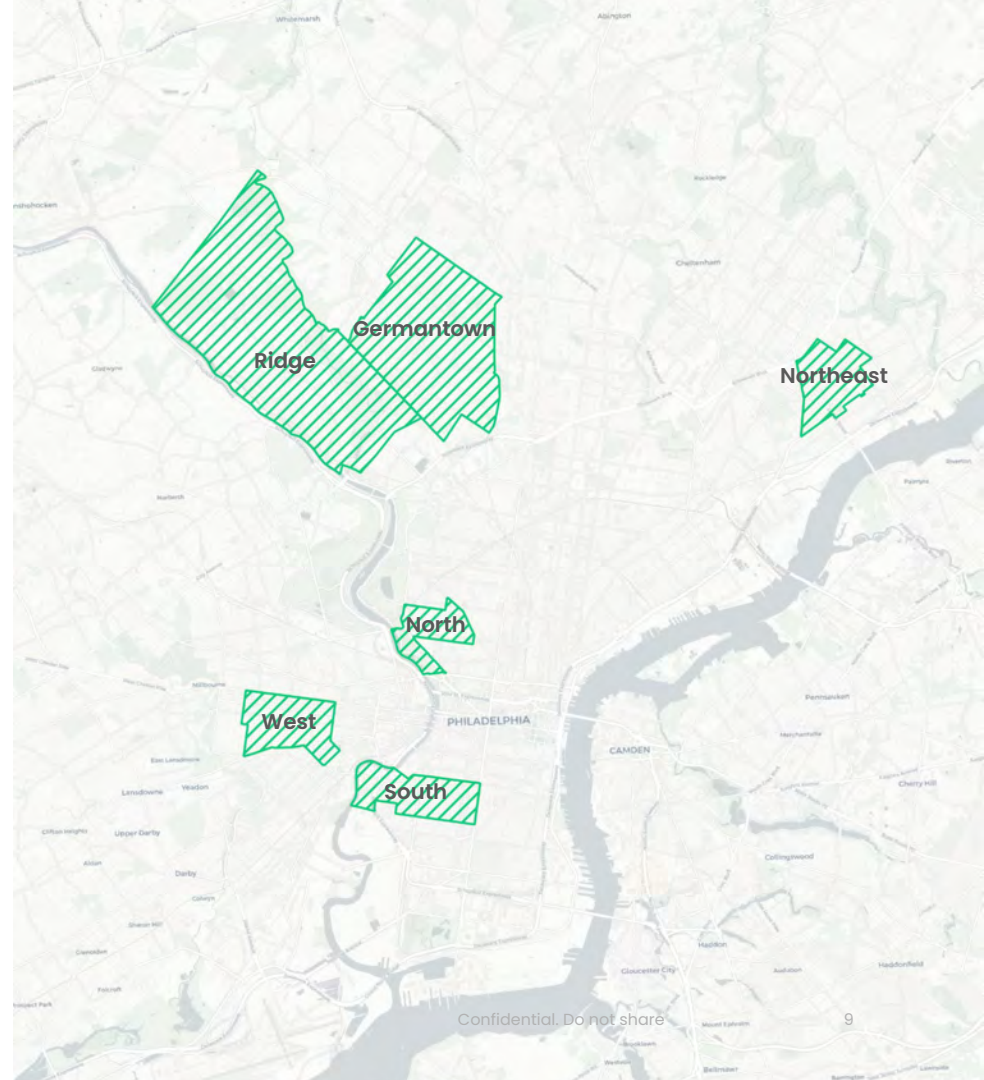


Siting Criteria

- Adequate sunlight for solar panels
- Locations with substantial daily boardings, but two or less average riders waiting at any given time
- Concrete pad: 4" 3000 psi concrete, 6" in excess of roof line
- All existing ROW guidelines will be followed including the following:
 - 18" from curb line
 - 6' pedestrian right of way minimum
 - 15' from fire hydrants
 - 5' from all other street elements (vents, signs, streetlights, etc)
 - Note: Greater setbacks may be required by the Streets Department upon site review.

Pilot Approach

- Intersection will deploy a 6-unit pilot, each in different corridors of Philadelphia starting in 2022
- Pilot Evaluation
 - Validation of cost and deployment assumptions
 - Soliciting Rider feedback (e.g. surveys through IxNConnect
Anywhere website or collaborating with existing SEPTA ridership surveys)



Appendix

Engineering Drawings

1 of 1

