

Design Considerations for Mobility at the Curb

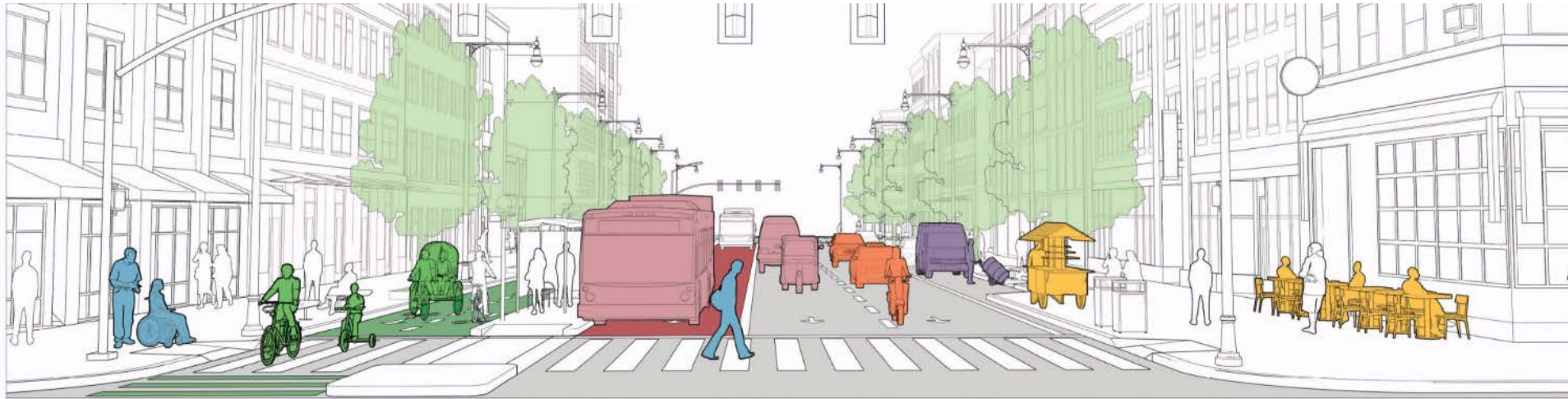
Cesar Barreto – District Department of Transportation

Kacy Kostiuk – City of Takoma Park

June 22, 2020

Curbside Definition

“The side of a road or sidewalk that is nearer to the curb.”



- *As a State and local government, we have a responsibility to maintain accessibility for the services and programs within the public rights-of-way;*
- *It is necessary to create an accessible connection to the services and programs.*

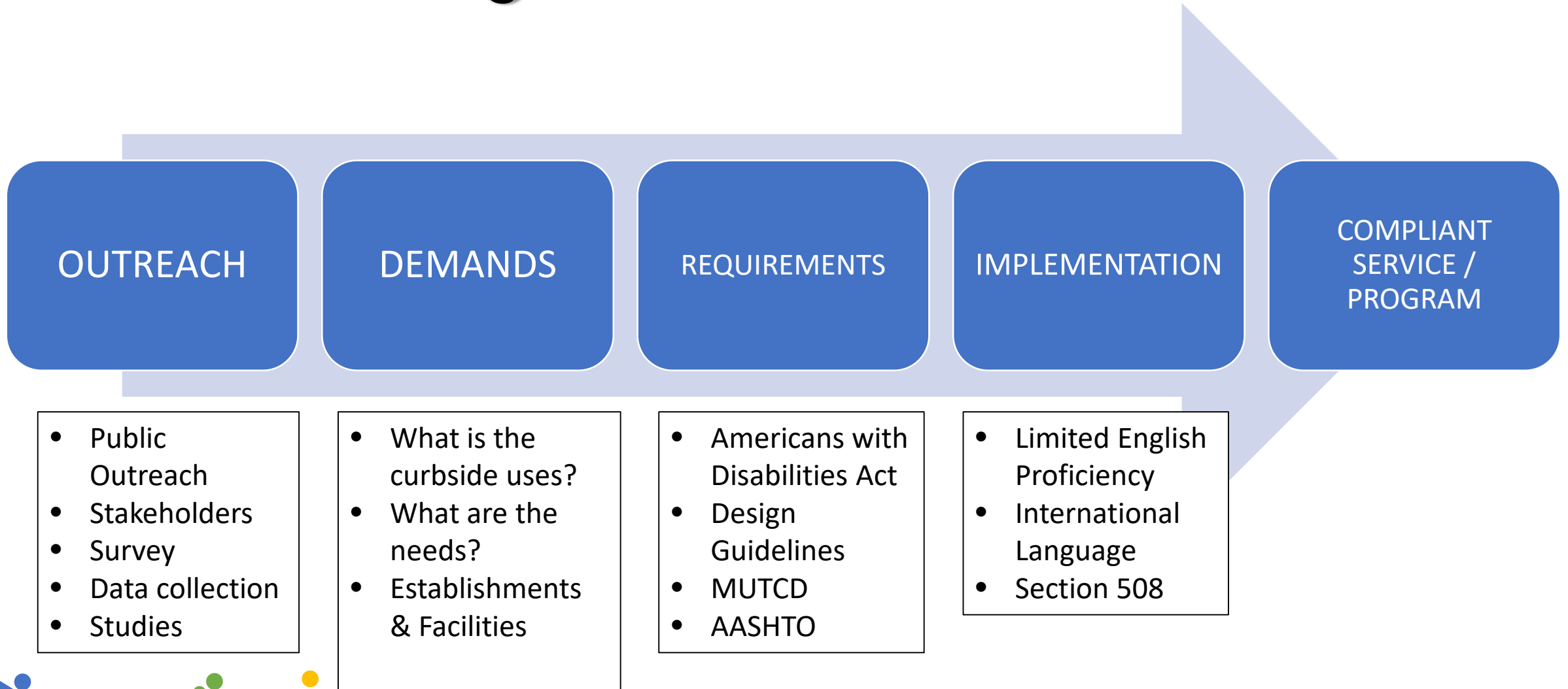


Curbside Services

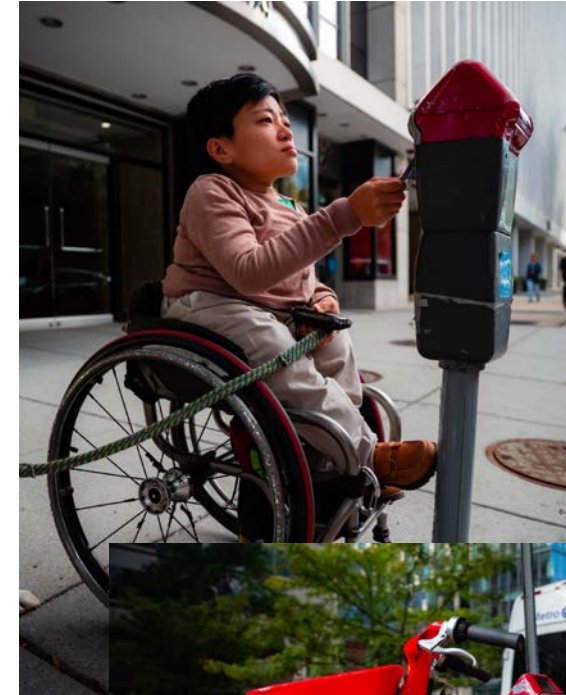
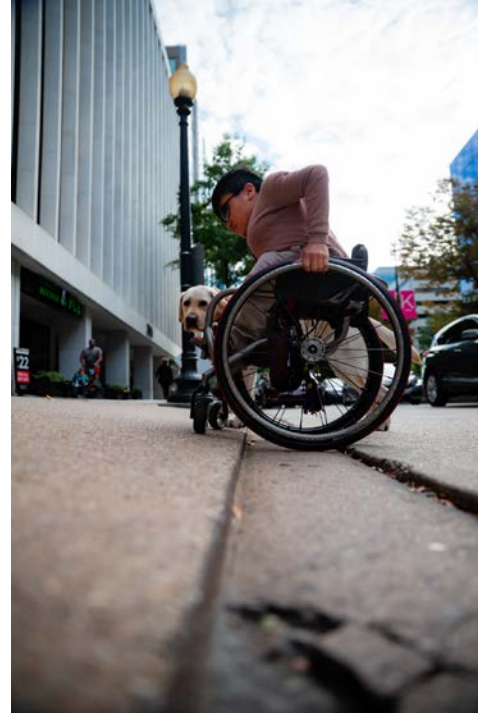
- On-Street Parking
- Metered Parking
- Curbside pick-up (Restaurants)
- Pick-up Drop Off Zones (Passenger Loading Zone)
- Commercial Loading Zones
- Bus Stops
- Parklets
- Protected Bike Lanes
- Extended Sidewalks
- eBikes / Scooters



Understanding the Curbside Needs



Barriers and Requirements



Barriers and Requirements



Barriers and Requirements

- Lack of accessible sidewalk curb cuts
- Poor quality sidewalks or no sidewalks at all
- Inaccessible curbsides (bus stops, etc)



Source: <https://twitter.com/actfortransit/status/1269652907823112193/photo/1> ACT

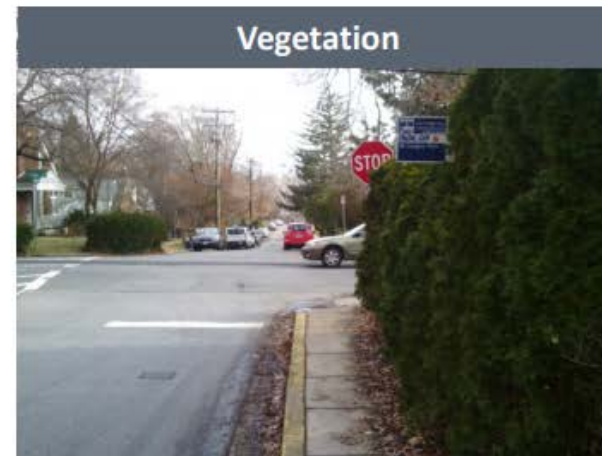
Source: Presentation, City of Takoma Park, MWCOG, KFH Group, May 20, 2020, <https://documents.takomaparkmd.gov/government/city-council/agendas/2020/Meeting-Documents/Takoma-Park-Bus-Stops-City-Council-Presentation-20200520.pdf>

Barriers and Requirements

- Crossing signals – audible signals
- Bike lane signals/floating bus stops
- Obstructions



Source: CRCOG, <https://crcog.org/2020/02/floating-bus-stop-in-new-haven/>



Barriers and Requirements

- Obstructions -- signs (permanent and temporary), trash cans, newspaper vending machines, vegetation, scooters/bikes



Source: The Globe and Mail, <https://www.theglobeandmail.com/drive/mobility/article-the-dockless-electric-scooter-sidewalk-scourge-or-savant/>

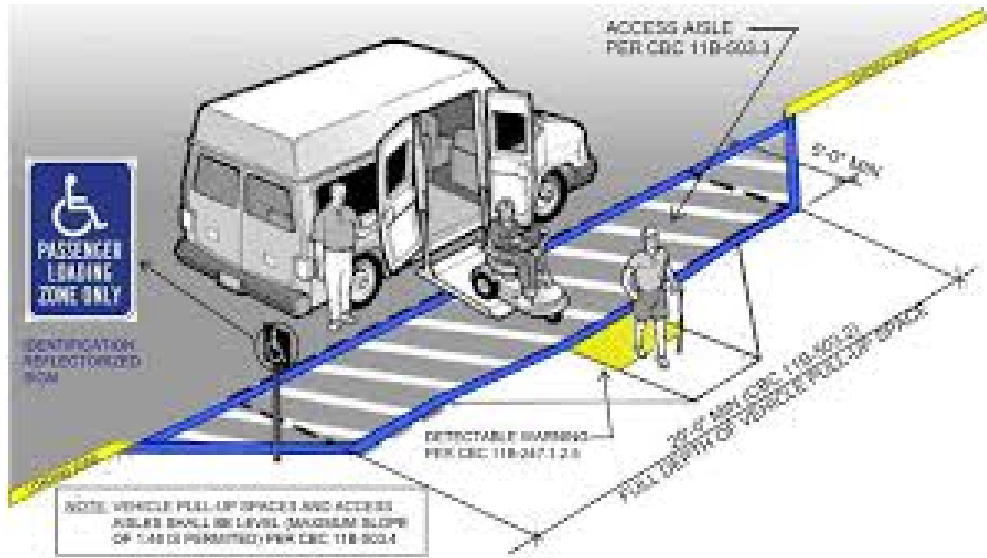


Source: Bklyner. <https://bklyner.com/following-problems-with-garbage-in-our-area-city-places-new-trash-cans-on-cortelyou-road-in-newkirk-plaza-ditmas-park/>

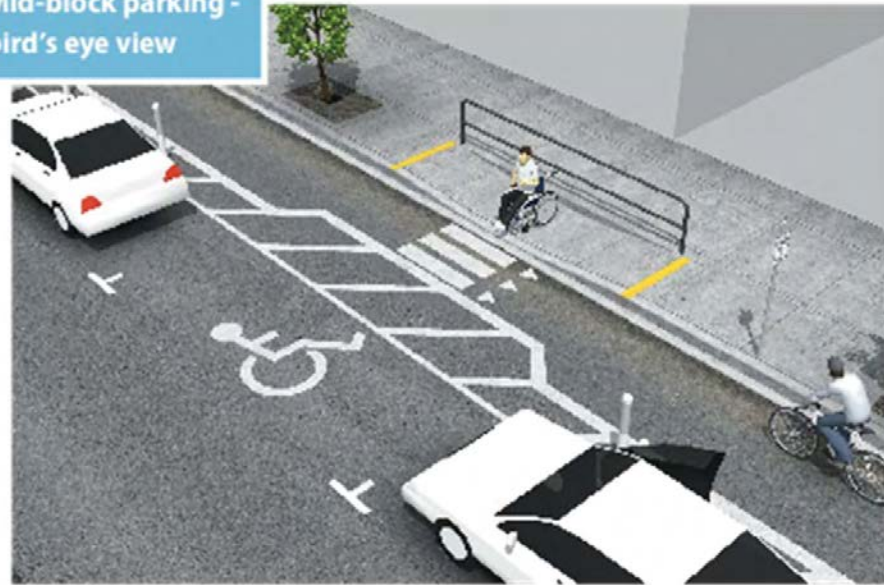


Source: @Advocacy Arts, <https://twitter.com/AdvocacyArts/status/1032894820870643712/photo/1>

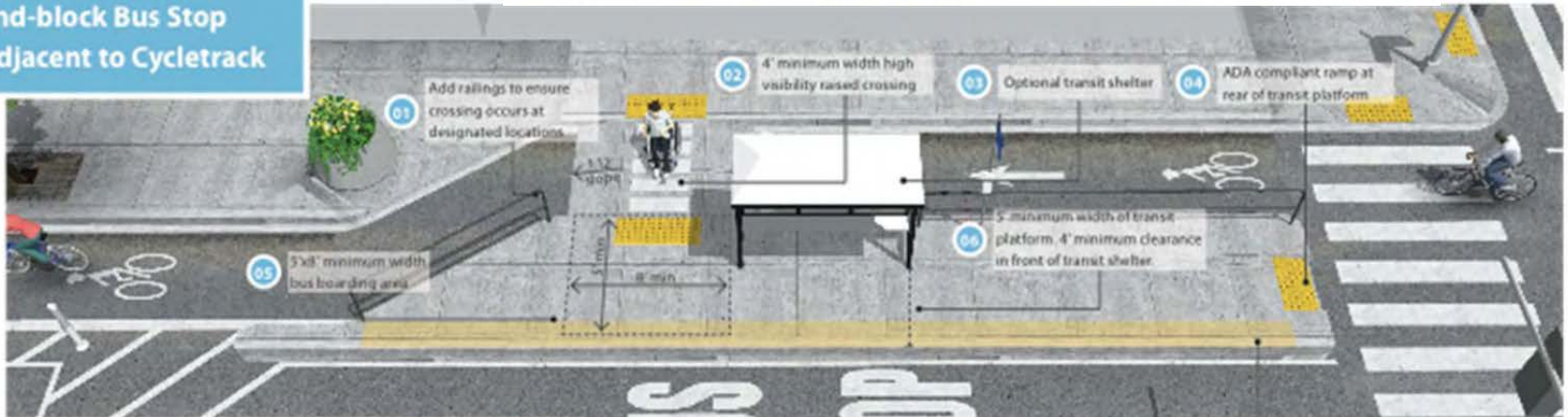
Barriers and Requirements



Mid-block parking - bird's eye view



End-block Bus Stop Adjacent to Cycletrack



How to Get Better

- Gather Data
- Create a Matrix for Curbside Use
- Develop Multimodal / Multi-functional Corridors
- Work with other regional jurisdictions
- Reach out (Outreach) – at the beginning of the process!
- Receive Feedback and Design Accordingly



Questions

