

# STATION TYPOLOGY

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Other Considerations	Cost Range
1	Transit centers, bus/rail stops, large destinations and key neighborhood destinations, on bike network, medium-high volume stations	Primary/secondary origin/destination point; regional connectivity; transfer location; rebalancing location; information center	#	12-24 vehicles	High capacity racks, transit connection, information kiosk, lighting, benches, waste receptacles, electricity, WiFi hotspot, etc.	Information Panel/Kiosk, On-Rack Decals	In-road options? Public or private property outside of ROW? Rebalancing needs? Event capacity needs?	\$\$\$
2	Bus stops, secondary neighborhood destinations, on bike network, medium volume stations	Secondary origin and/or destination point; transfer location; rebalancing location; information center	##	6-12 vehicles	Medium capacity rack(s), transit connection, information panel, benches, waste receptacles, etc.	Information Panel or Sign Post, On-Rack Decals	In-road options? Public or private property outside of ROW? Consider opportunities to co-locate with existing public racks.	\$\$
3	Bus stops, tertiary neighborhood destinations, low-medium volume stations	Tertiary origin and/or destination point; transfer location; local connectivity; expand system reach	###	2-6 vehicles	Low capacity rack(s), transit connection, information panel, etc.	Sign Post, On-Rack Decals	Consider opportunities to co-locate with existing public racks.	\$\$
4	Low-volume neighborhood access points	Minor origin and/or destination point; local connectivity; expand system reach	###	2-6 vehicles	Applied stencil/decal marking parking area	Applied Surface Stencil/Decal	These drop zones may be useful and easily applied, but will not be the focus of this program's funds	\$
5	In-street Corrals (aligned with Types 1-3)	Primary/secondary origin and/or destination; regional/local connectivity; transfer location; information center	#	6-12 vehicles	Medium capacity rack(s), transit connection, information panel, wheel stops, delineators, etc.	Information Panel or Sign Post, On-Rack Decals	Where are these permitted? Can they be included in this program?	\$\$\$

# = fewer than 50 in the network (rare); ## = 50 – 150 in the network (common); ### = 150+ (very common)

\$\$\$ = high cost (\$2,500+ per location); \$\$ = medium cost (\$1,000 - \$2,500 per location); \$ = low cost (<\$1,000 per location)

# TYOLOGY DEVELOPMENT

## Typology 1

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Cost Range
1	Bus/rail stops, key neighborhood destinations, on bike network, medium-high volume stations	Secondary origin and/or destination point; transfer location; information center	##	12-24 vehicles	High capacity racks, transit connection, information kiosk, benches, waste receptacles, electricity, WiFi hotspot, etc.	Information Panel/Kiosk, On-Rack Decals	\$\$\$

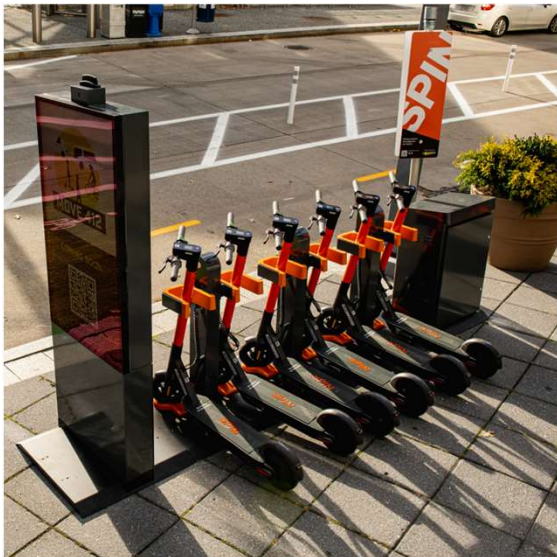


Image: Spin



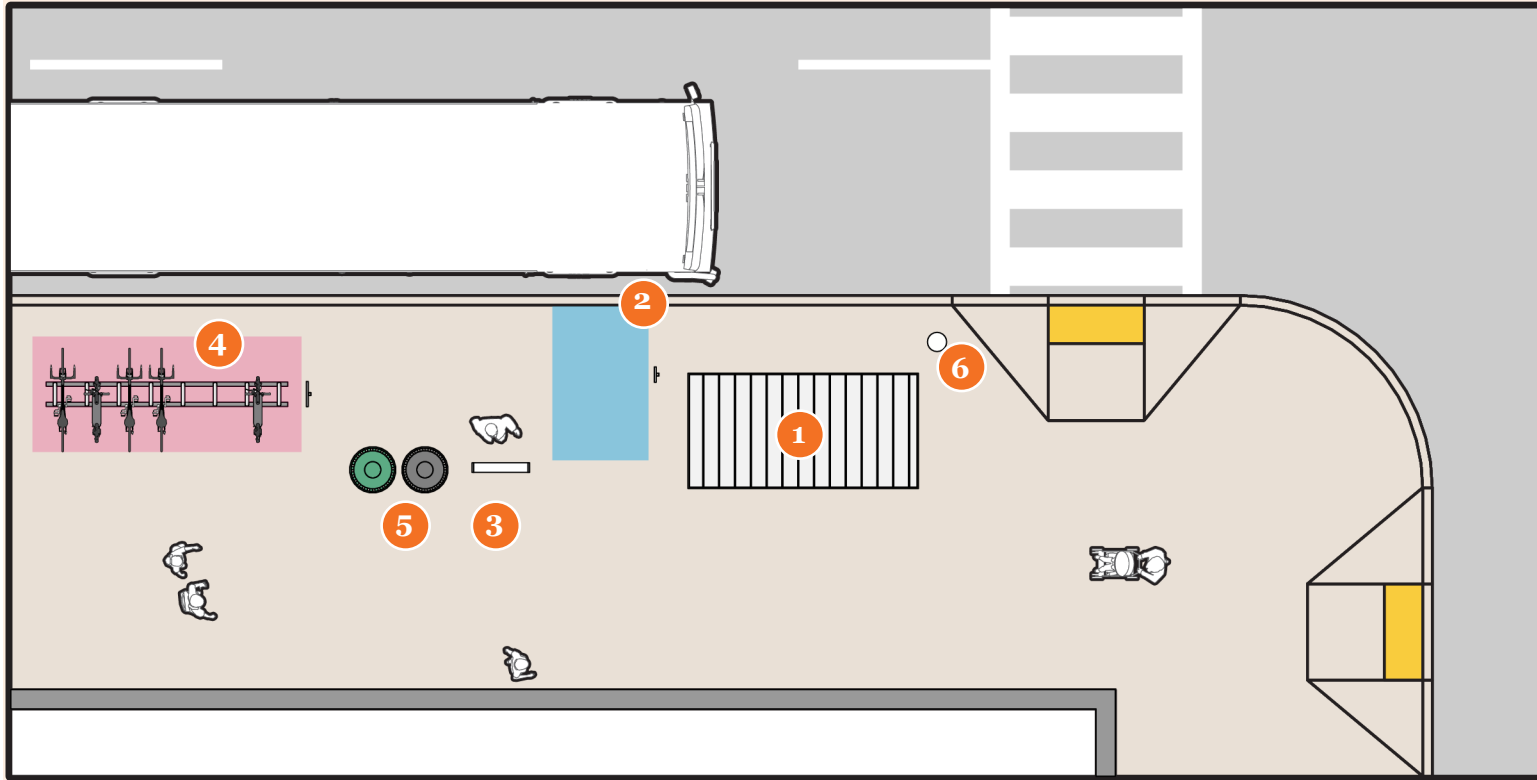
Image: Bongorno Consulting



Image: Bongorno Consulting

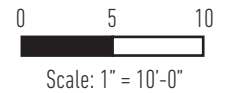
**TPOLOGY**

**ONE**



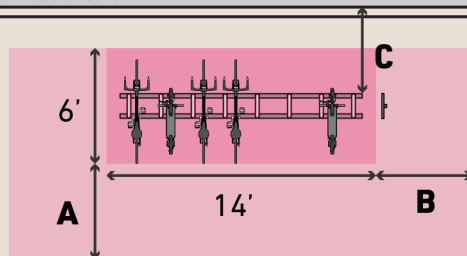
TYPICAL SITE FEATURES

- 1. Transit Shelter
- 2. Bus Boarding Area
- 3. Information Kiosk
- 4. Bicycle/Scooter Parking + Signage
- 5. Trash Receptacles
- 6. Street lamp



**PLACEMENT GUIDANCE**

- A. 5' min clearance for pedestrian/ADA access
- B. 5' min clearance from curb ramps, driveways, and vertical elements such as bus stop signs, fire hydrants, street lamps
- C. 4' min from face of curb



**TPOLOGY DETAILS:**

**Typical Locations**

- Transit centers
- Bus/rail stops
- Large destinations
- Key neighborhood destinations
- On-bike network
- Medium-high volume stations

**New Amenities**

- High capacity racks (12+ vehicles)
- Information panel

**Existing Amenities**

- Transit connection
- Information kiosk
- Lighting
- Benches
- Waste receptacles

# TYOLOGY DEVELOPMENT

## Typology 2

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Cost Range
2	Bus stops, secondary neighborhood destinations, on bike network, medium volume stations	Secondary origin and/or destination point; transfer location; information center	###	6-12 vehicles	Medium capacity rack(s), transit connection, information panel, benches, waste receptacles, etc.	Information Panel or Sign Post, On-Rack Decals	\$\$



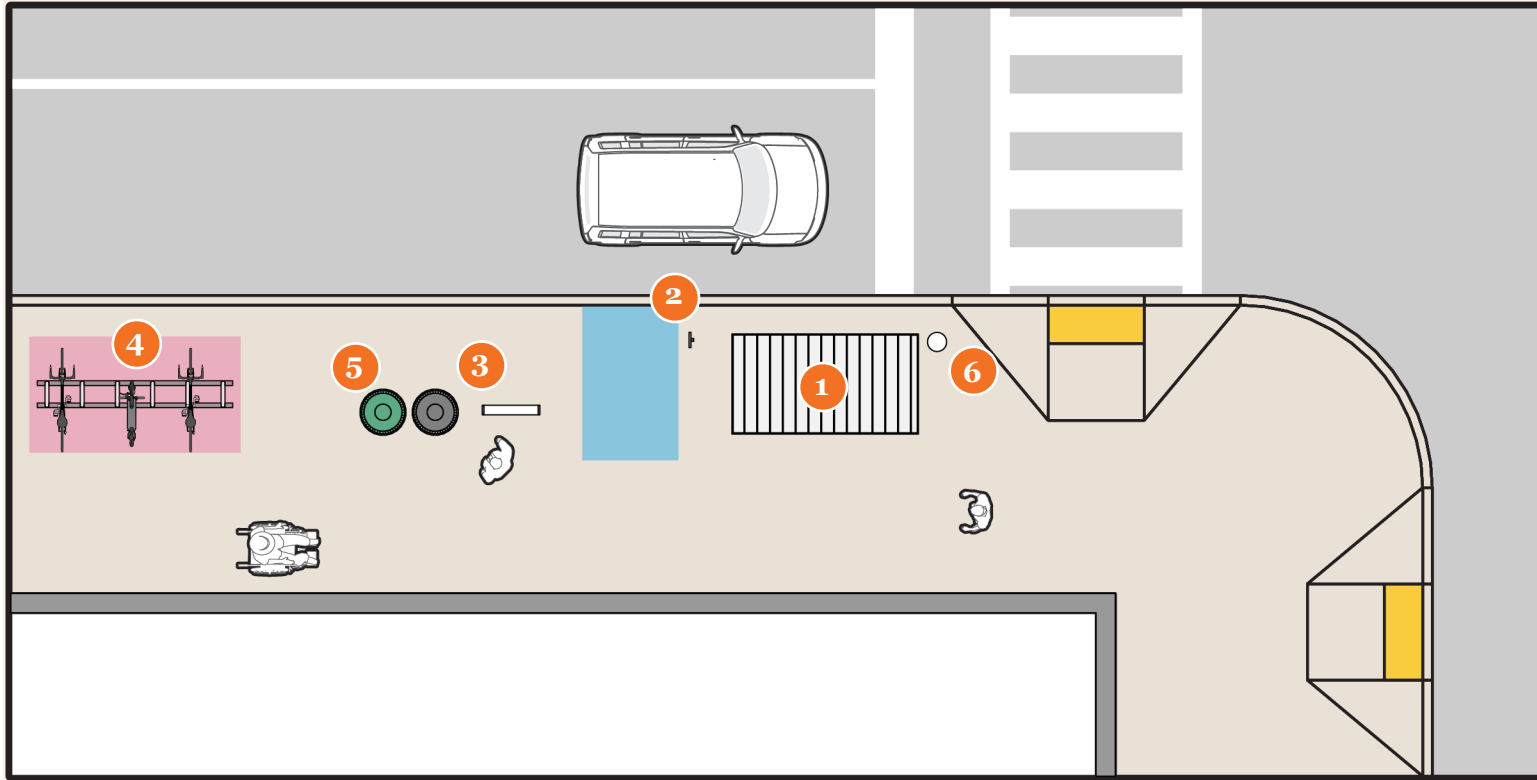
Image: Dero



Image: Bongorno Consulting

**TPOLOGY**

**TWO**

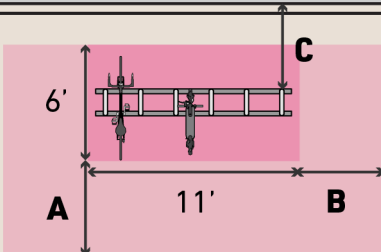


TYPICAL SITE FEATURES

- 1. Transit Shelter
- 2. Bus Boarding Area
- 3. Information Kiosk
- 4. Bicycle/Scooter Parking + Signage
- 5. Trash Receptacles
- 6. Street lamp

**PLACEMENT GUIDANCE**

- A. 5' min clearance for pedestrian/ADA access
- B. 5' min clearance from curb ramps, driveways, and vertical elements such as bus stop signs, fire hydrants, street lamps
- C. 4' min from face of curb



**TPOLOGY DETAILS:**

**Typical Locations**

- Bus stops
- Secondary neighborhood destinations
- On-bike network
- Medium volume stations

**New Amenities**

- Medium capacity racks (6-12 vehicles)
- Information panel (on existing post)

**Existing Amenities**

- Transit connection
- Information kiosk
- Lighting
- Benches
- Waste receptacles

# TYOLOGY DEVELOPMENT

## Typology 3

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Cost Range
3	Bus stops, tertiary neighborhood destinations, low-medium volume stations	Tertiary origin and/or destination point; transfer location; local connectivity; expand system reach	###	2-6 vehicles	Low capacity rack(s), transit connection, information panel, etc.	Sign Post, On-Rack Decals	\$\$



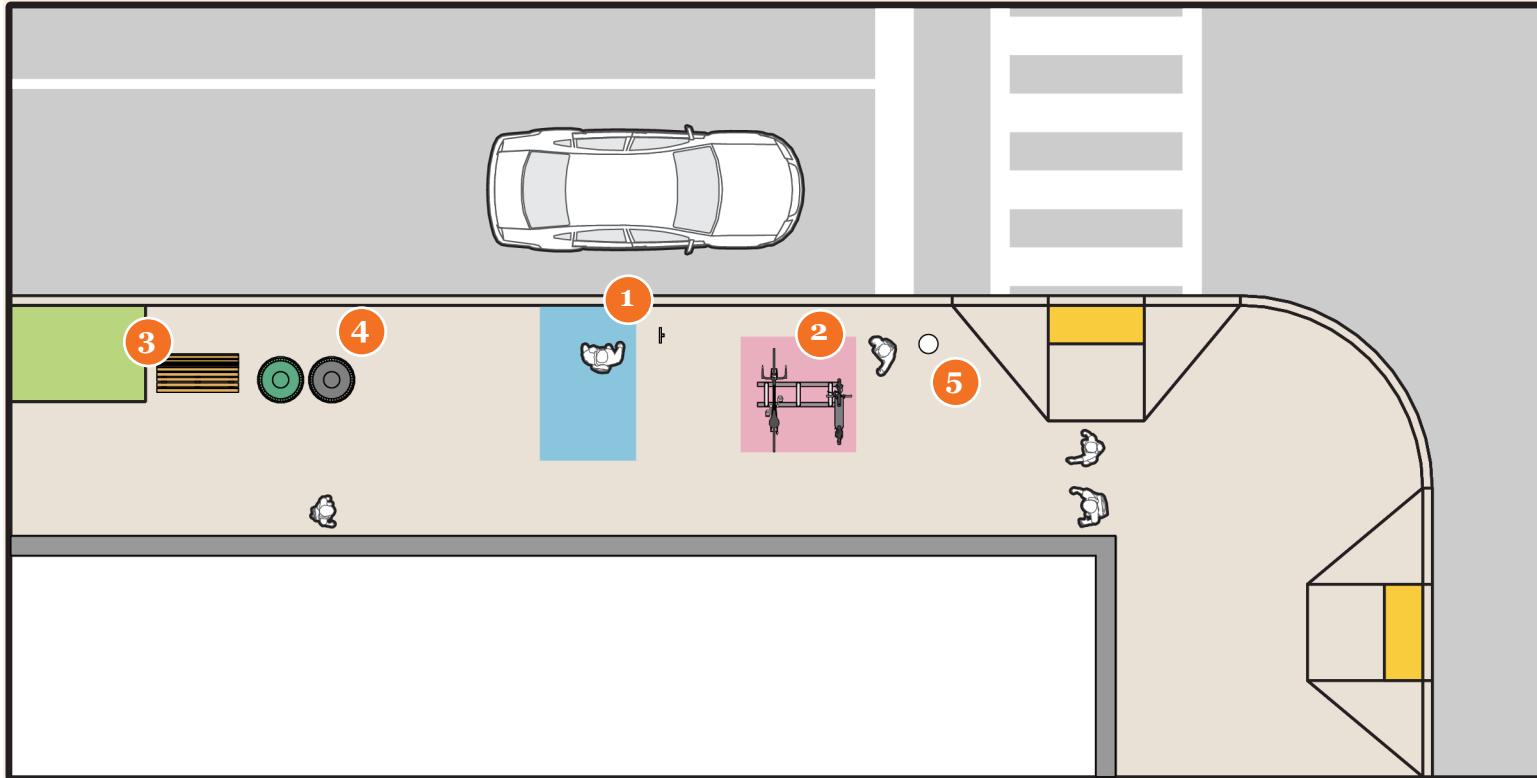
Image: Bike Dock Solutions



Image: Bongorno Consulting

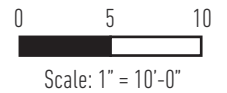
**TYOLOGY**

**THREE**



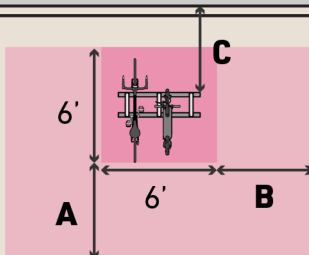
TYPICAL SITE FEATURES

- 1. Bus Boarding Area
- 2. Bicycle/Scooter Parking + Signage
- 3. Bench
- 4. Trash Receptacles
- 5. Street lamp



**PLACEMENT GUIDANCE**

- A. 5' min clearance for pedestrian/ADA access
- B. 5' min clearance from curb ramps, driveways, and vertical elements such as bus stop signs, fire hydrants, street lamps
- C. 4' min from face of curb



**TYOLOGY DETAILS:**

**Typical Locations**

- Bus stops
- Tertiary neighborhood destinations
- Low-medium volume stations

**New Amenities**

- Low capacity rack (up to 6 vehicles)
- Parking sign or medallion (on existing post)

**Existing Amenities**

- Transit connection
- Benches
- Waste receptacles
- Tree lawn/amenity strip

# TYOLOGY DEVELOPMENT

## Typology 4

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Cost Range
4	Low-volume neighborhood access points	Minor origin and/or destination point; local connectivity; expand system reach	###	2-6 vehicles	Applied stencil/decal marking parking area	Applied Surface Stencil/Decal	\$



Image: Seattle DOT



Image: Dru Van Hengel

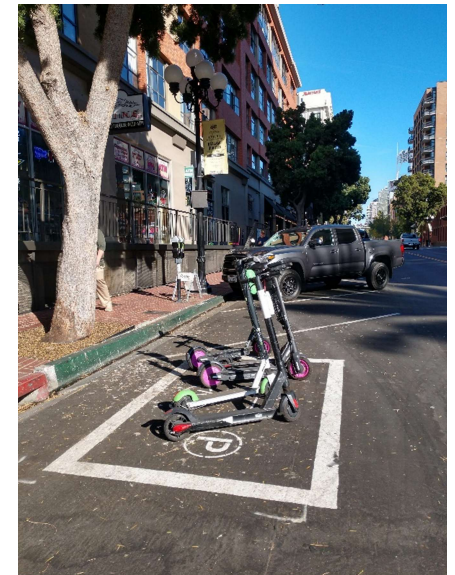
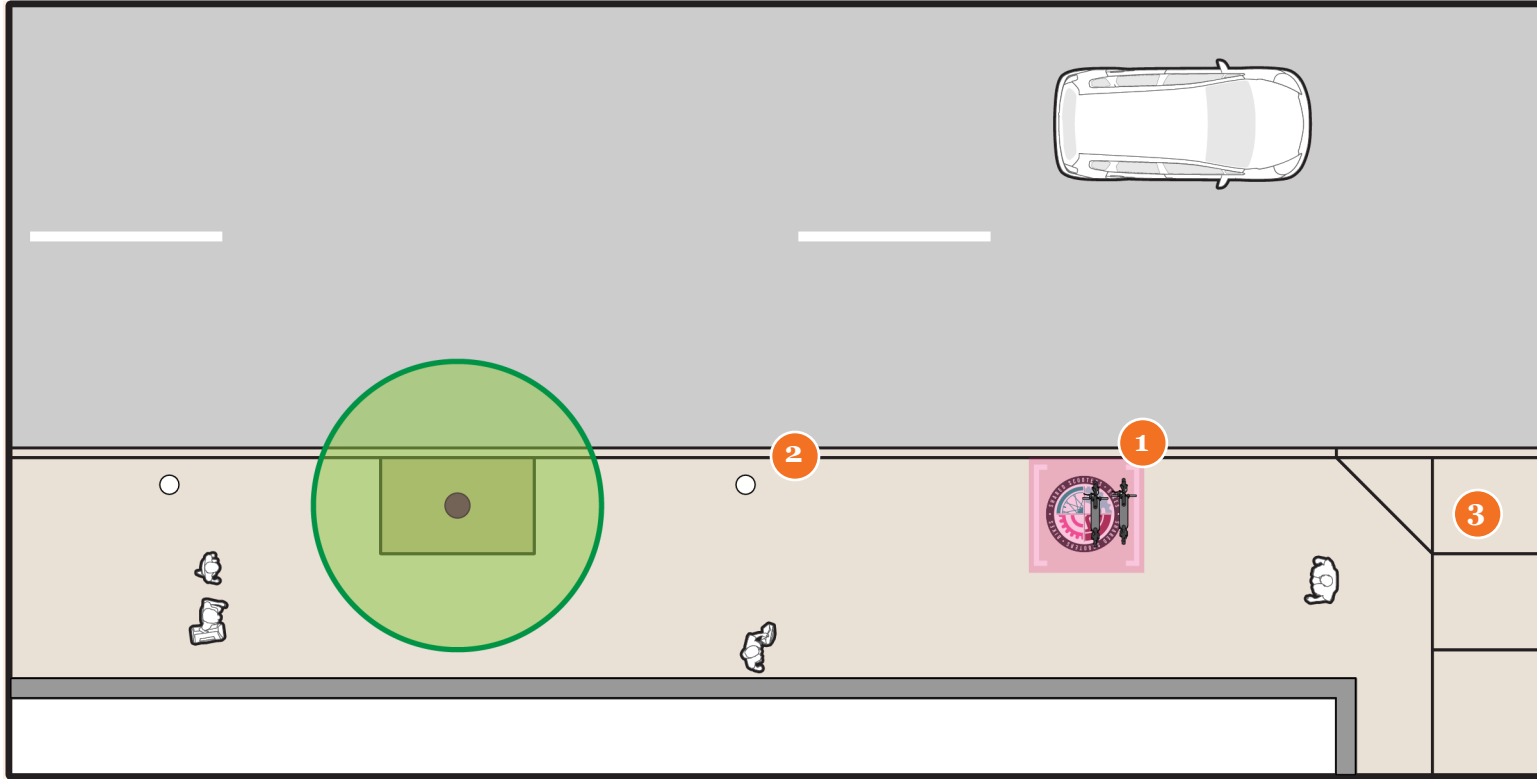


Image: Bongorno Consulting

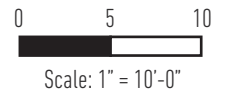
**TPOLOGY**

**FOUR**



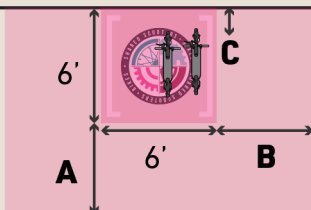
TYPICAL SITE FEATURES

- 1. Bicycle/Scooter Parking + Signage
- 2. Street lamp
- 3. Driveway



**PLACEMENT GUIDANCE**

- A. 5' min clearance for pedestrian/ADA access
- B. 5' min clearance from curb ramps, driveways, and vertical elements such as bus stop signs, fire hydrants, street lamps
- C. 18" min setback from curb, this type can be 4' deep when only for scooter parking



**TPOLOGY DETAILS:**

**Typical Locations**

Low-volume neighborhood access points  
Locations with limited sidewalk clearance\*

\*12' minimum curb to property line width needed for bicycles; 10' minimum curb to property line width needed for scooters.

**New Amenities**

Applied surface stencil/decal  
Parking sign or medallion (on existing post)

**Existing Amenities**

Bus stop (no shelter)  
Other street furnishings  
Tree lawn/amenity strip

# TYOLOGY DEVELOPMENT

## Typology 5

Typology	Locations	Key Functions	Quantity	Capacity	Amenities	Educational Equipment	Cost Range
5	In-street Corrals (aligned with Types 1-3)	Primary/secondary origin and/or destination; regional/local connectivity; transfer location; information center	#	6-12 vehicles	Medium capacity rack(s), transit connection, information panel, wheel stops, delineators, etc.	Information Panel or Sign Post, On-Rack Decals	\$\$\$



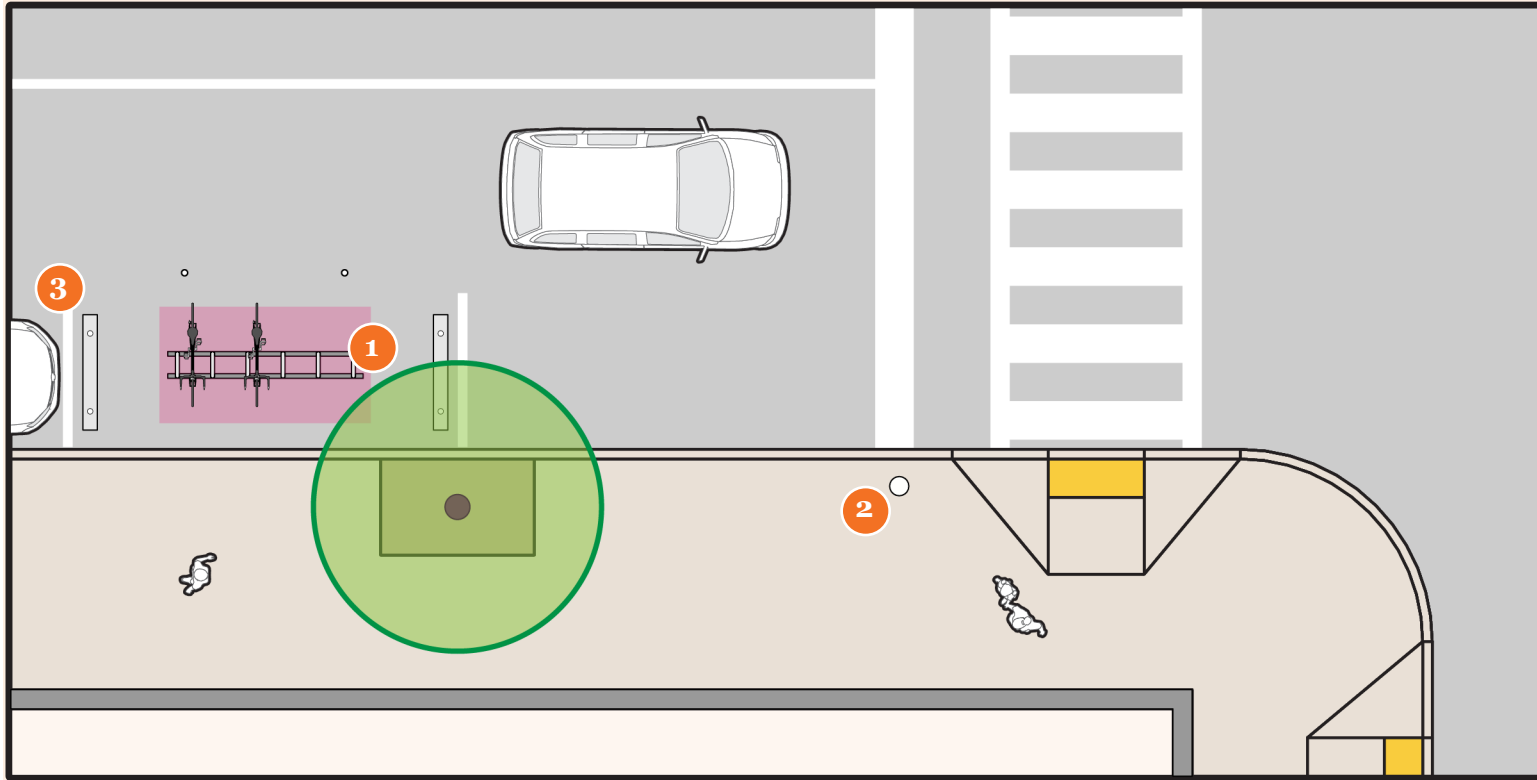
Image: Google



Image: Bongorno Consulting

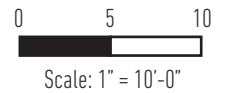
**TPOLOGY**

**FIVE**



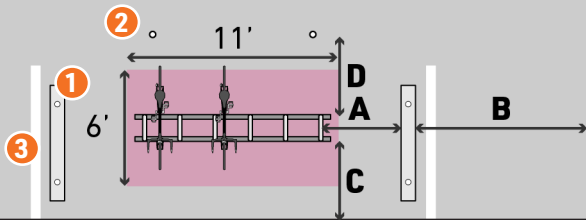
TYPICAL SITE FEATURES

- 1. Bicycle/Scooter Parking + Signage
- 2. Street Lamp
- 3. Wheel Stops with Delineators



**PLACEMENT GUIDANCE**

- A. 3' min from wheel stops
- B. 3' from stop bar/crosswalk
- C. 3' min from face of curb
- D. 3' min from flexible delineator
- 1. Wheel stop
- 2. Flexible delineator
- 3. Striping



**TPOLOGY DETAILS:**

**Typical Locations**

- In-street corral
- Typology 1 or 2, where no off-street space exists
- Medium to high volume stations/destinations
- On-bike network

**New Amenities**

- Medium to high-capacity racks (10+ vehicles)
- Wheel stops and delineators
- Information panel

**Existing Amenities**

- Parking lane
- Transit connection
- Various street furnishings

# RACK STYLES



U-Rack – In-ground (Source: CycleSafe)



Tofino Rack – Surface Mount (Source: sportworks)



Hitch Rack - Surface Mount (Source: Dero)



Downtown Rack – Rail Mount (Source: Dero)



U-Rack – 45 degree (Source: CycleSafe)



Bike Corral – In-street (Source: CycleSafe)

\*All options displayed above are from vendors who meet Buy America Act procurement and material requirements.

# SIGNAGE & INFORMATION EXAMPLES



Bike Parking Sign (existing post)



Medallion Sign (existing post)



Information Panel (free-standing)



Bicycle Parking Sign – free-standing (Source: Reliance Foundry)



Information Panel (free-standing)



Vehicle Drop Zone (Source: Downtown Austin Alliance)