APPENDIX E: MOBILITY TOOLBOX

The Mobility Toolbox provides tools, descriptions and illustrations for consideration when planning or designing a project where applicable.

Table E-1: *Mobility Toolbox*

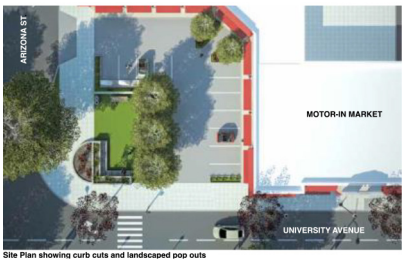
Mobility Tool	Description	Illustration
Electric Vehicle Stations	Their design ranges from cable connectors to parking places equipped with inductive charging mats. Private sector companies offer to install the station to the property and maintain it at no cost to the property owner. Renting the parking space while the car charges up or charging a fee for the charging station service can provide revenue.	Proposed charging stations at parking stalls
Curb Cuts & Pop-Outs	A curb cut is a concrete ramp graded down from the top surface of a sidewalk to the surface of the adjoining street. A curb cut can e designed for pedestrians to provide a gradual transition and accommodate wheelchairs. Pop outs are curb extensions that widen the sidewalk at the point of crossing. They shorten the distance a pedestrian has to cross and improve pedestrian visibility. As a traffic calming technique a pop out narrows a street, which slows vehicular traffic and consequently improves pedestrian safety.	 Site Plan showing curb cuts and landscaped pop outs
Pedestrian Scale Lighting	Pedestrian-scale lighting provides walkway illumination and creates a pedestrian friendly environment. Pedestrian safety is of great concern as the distance drivers and pedestrian can see at night is significantly reduced when compared to daylight conditions. The visibility by pedestrians of other pedestrians and their surroundings provides an overall sense of a comfortable and safe environment.	Decorative, pedestrian scale lighting at crosswalk at Upas Street and 30th Street
Wall Mural	North Park Main Street is renowned as San Diego's Arts and Culture district. Example of this can be found at the North Park Garage. Such engagement with the surrounding public space provides a healthy example of fostering art within the community. Public art is a reflection of a community's value and its economic power is immeasurable. It transforms the public space into a more welcoming and beautiful environment and provides a backdrop to outdoor seating.	View to proposed open space between the Lynhurst building and Jack 'n' the Box
Bike Corral	A bike corral provides bicycle parking in the parking lane and is not elevated above grade but is clearly differentiated from the road way through the use of paint, a small buffer, flexible bollards, or a combination of elements. The corral maintains the width of the parking lane and can be 1 to 2 spaces long. However, it does not extend into the pedestrian zone, like sidewalk bike racks.	Bike corral at Kansas Street and University Avenue

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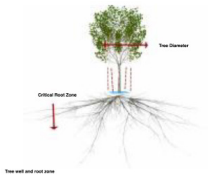
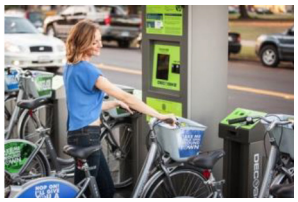
Table E-1: *Mobility Toolbox (Continued)*

Mobility Tool	Description	Illustration
Tree Wells	Trees are a major infrastructural element and provide numerous benefits to the quality of life in urban areas, such as beautification and energy conservation. Proper tree wells increase the survivability of trees and prevent the degradation of the functioning roots. Permeable paving will promote water infiltration and aeration, where designed and installed to promote soil compaction.	 Tree well and root zone Tree well grates protect soil and roots
Dumpster Shed	Retail stores and restaurants generate garbage and store it in dumpsters, which often clutter the sidewalk. The design of a shed for the dumpster would redefine its adjacent public space supporting an attractive streetscape and allow for a better outdoor seating experience.	Proposed solution and possibility for concealing trash storage
Mid-block Crossing	Mid-block crosswalks provide pedestrians with convenient crossing locations where pedestrian concentration is high or other opportunities to cross streets are distant. To be safe mid-block crossings should be illuminated, ADA-compliant, and its surface should be of high contrast. The crosswalk can then be signalized and an audible device should be installed.	View of midblock crossing on 30th Street
Way Finding Infrastructure	Infrastructure for décor facilitates signage. This may include any word, numeral, figure, flag, pennant, twirler, light, banner, balloon or other device of any kind used singly or in any combination to be viewed by the public from the outdoors. Other examples include community kiosks and maps, banner hardware on lamp posts, planters, and electrical outlets in tree wells.	Infrastructure for decor in the alley adjacent to the Aloha Sunday building
Street Benches	Street furniture preserves and maintains the fabric of the streetscape. The provision of street benches supports general pedestrian activity. Street benches allow for pedestrians to rest, wait for others, encourage conversations, and facilitate people watching.	Street view of University Avenue at Aloha Sunday showing a pedestrian friendly environment.

The Mobility Toolbox provides tools, descriptions and illustrations for consideration when planning or designing a project where applicable.

Table E-1: *Mobility Toolbox (Continued)*

Mobility Tool	Description	Illustration
Parklet	Parklets offer a place to stop, to sit, and to rest while taking in the activities of the street. In instances where a parklet is not intended to accommodate people, it may provide greenery, art, or some other visual amenity. Parklets may accommodate bicycle parking within it, or bicycle parking may be associated with it	
Intersection Mural	Intersection murals highlight areas of the road where there are a high number of children cross a street to/ from school. Road markings, in addition to crosswalks and stop signs, are an added gesture to drivers to slow their vehicles and be more alert to yield to pedestrians and cyclists. The mural provides aesthetically pleasing artwork that comes from the community, thus improving the visual appeal of the area.	
Bike Sharing	Bike Sharing is an alternative mode of transportation that provides bicycles for shared public use. Bike share schemes allow people to borrow a bike from point "A" and return it at point "B". Many bike-share systems offer subscriptions that make the first 30–45 minutes of use either free or very inexpensive, encouraging use as transportation. This allows each bike to serve several users per day.	
Car Sharing	Car Sharing is a model of car rental where people rent cars for short periods of time, often by the hour. They are attractive to customers who make only occasional use of a vehicle, as well as others who would like occasional access to a vehicle of a different type than they use day-to-day.	