

RIO29 SMALL AREA PLAN

CONNECTIVITY PLAN | STUDIO USE ONLY | DRAFT 8/30/18

This Connectivity plan addresses the community’s desires to be able to easily walk, bike, drive, or take transit to locations within the Rio29 area – and from the area to other nodes. The proposed network addresses these desires by providing more direct routes to destinations and recommends that streets be upgraded to or constructed as “complete streets”, which are designed for all users. The Plan proposes a hierarchy of streets based on street capacity and design to ensure that streets are designed to be functional and that development is appropriately scaled along the streets.



RIO29 INTERSECTION EXISTING CONDITIONS

The existing intersection has a crosswalk on the south side of Rio, but no bike lanes and no pedestrian crossing on the north side of Rio.

RIO29 INTERSECTION INTERIM IMPROVEMENTS

The interim conditions add a bicycle lane across Rio Road and a commuter bus stop on the Route 29 ramps.

RIO29 INTERSECTION FINAL BUILD-OUT

The long term plan visualizes a dog bone roundabout for Rio Road which would provide space for a BRT station on the bridge.

LEGEND

STREET TYPOLOGIES

- BOULEVARD** (Blue double-headed arrow)
- AVENUE** (Light blue double-headed arrow)
- LOCAL STREET** (Red dashed double-headed arrow)
- Through Corridor** (Yellow double-headed arrow)

INTERSECTION TYPES

- SIGNALIZED
- ROUNDABOUT
- DOG BONE ROUNDABOUT

COUNTY OWNED LAND

STREET SECTIONS

BOULEVARD

		Dimensions
A	Frontage Zone	3'-10'
B	Pedestrian Way	10'
C	Separation Zone	6'
D	Bike Lane	5-7'
E	Buffer Zone	3'
F	Vehicle Traffic Way	11'
G	Median	6'-18'

AVENUE

		Dimensions
A	Frontage Zone	3'-10'
B	Pedestrian Way	10'
C	Separation Zone	6'
D	Parking Zone	8'
E	Bike Lane	5'
F	Vehicle Traffic Way	11'

LOCAL STREET

		Dimensions
A	Frontage Zone	5'-10'
B	Pedestrian Way	10'
C	Separation Zone	6'
D	Parking Zone	8'
E	Vehicle Traffic Way	10'

Berkmar Drive

Rio East Court

**Dashed streets and those shown through existing buildings are intended to convey connectivity but locations are conceptual may vary dependent on future development.*