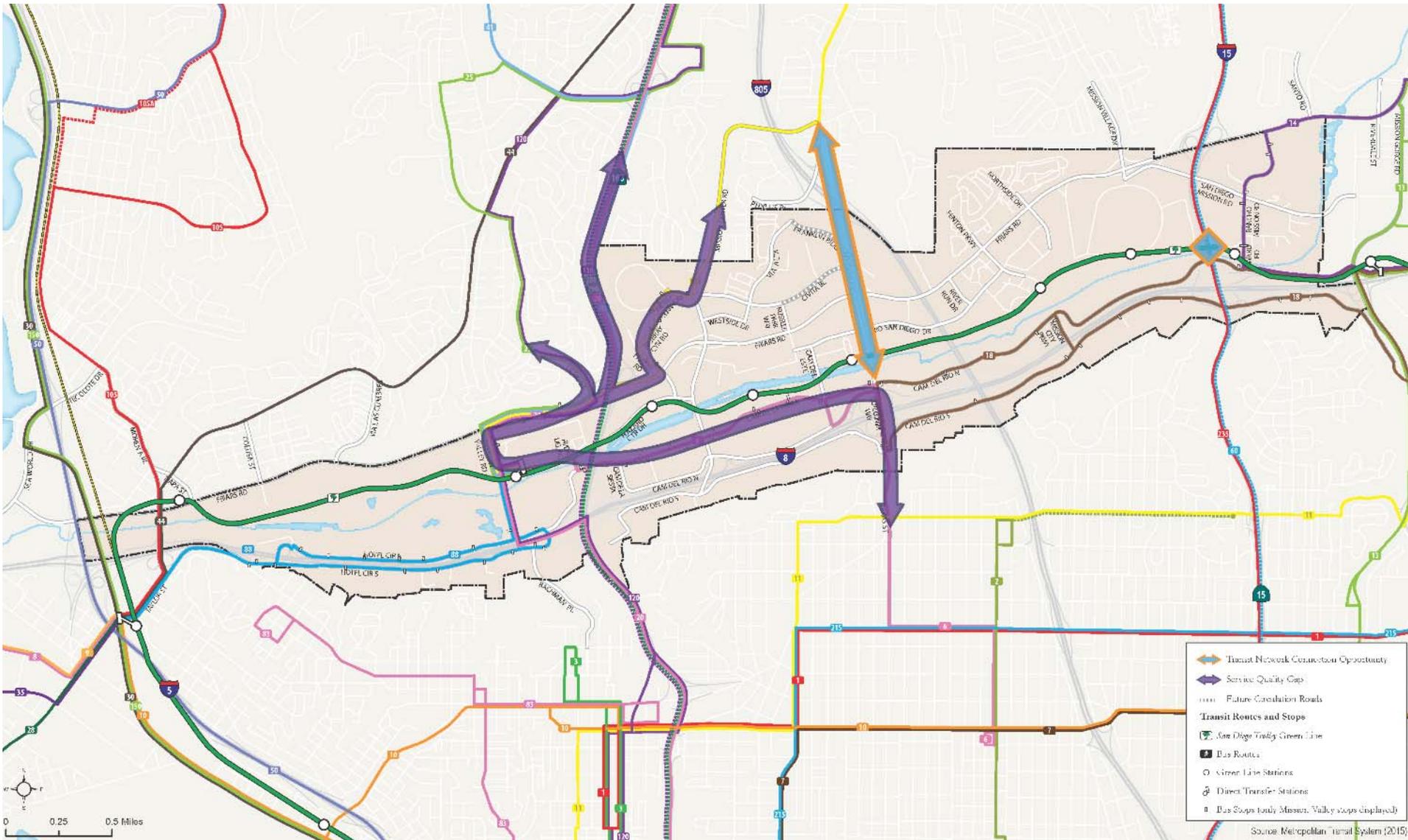




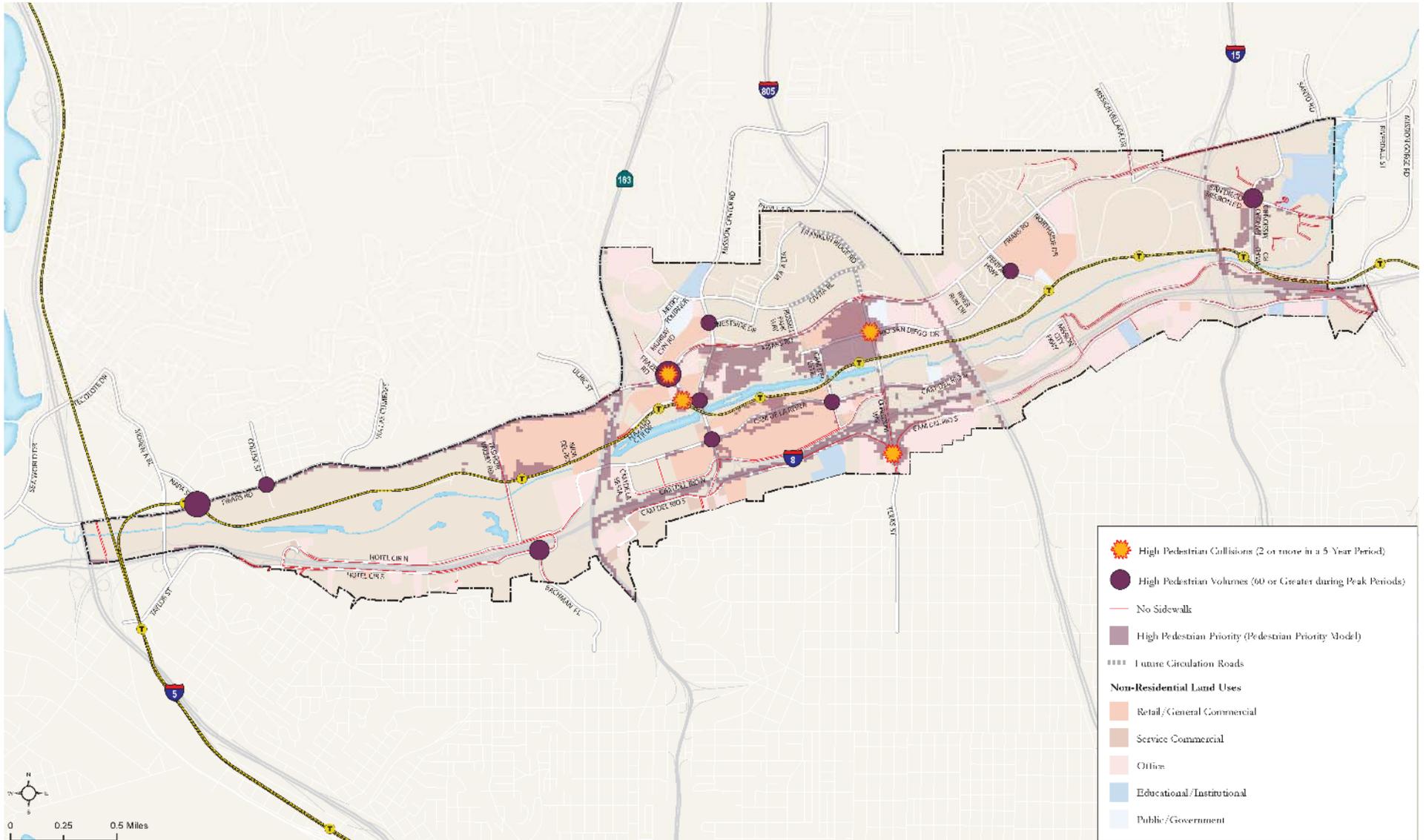
Mobility Workshop
March 11, 2016
Issues and Options

- Review of Mobility Needs
- Mobility Options
- Discussion

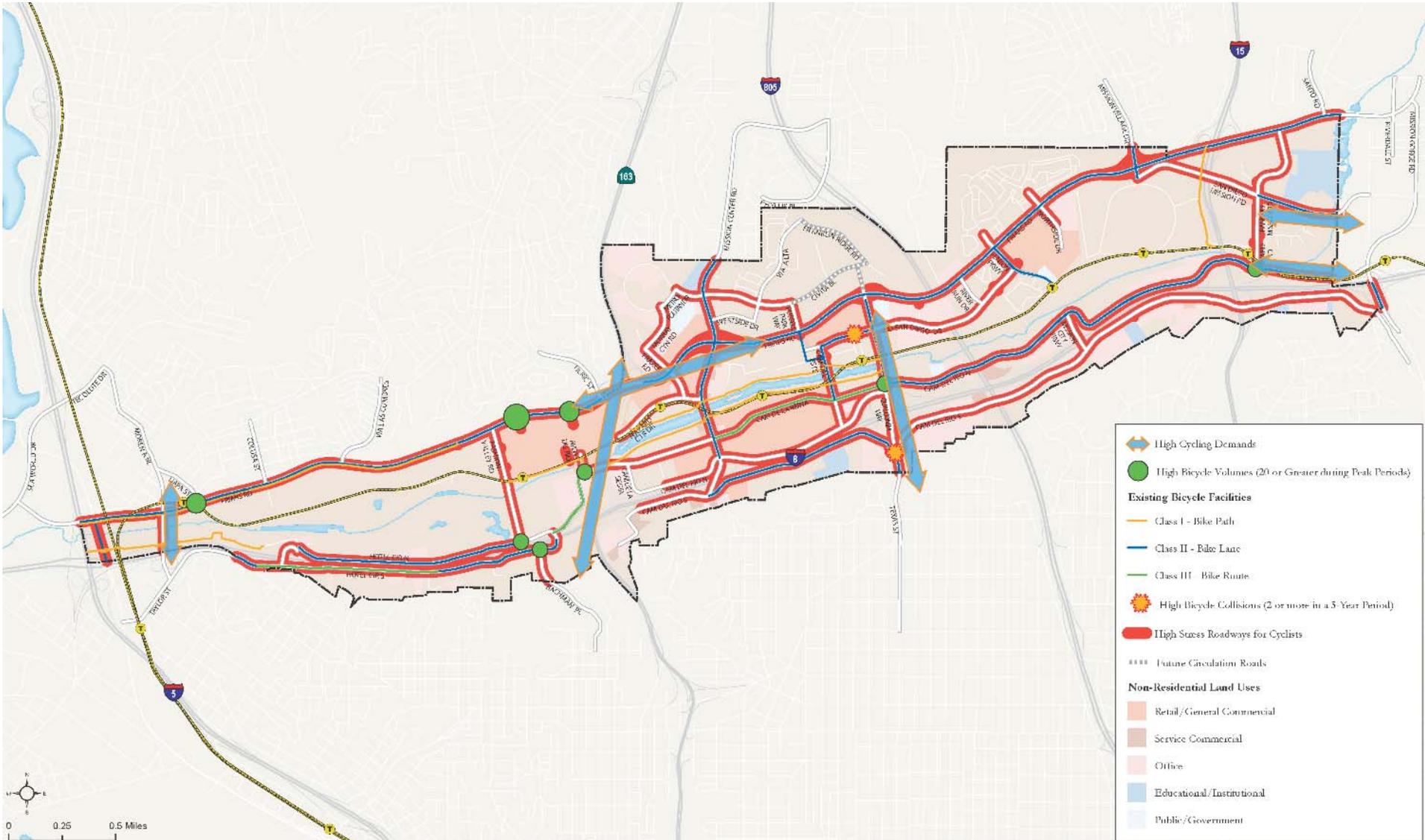
Transit Needs



Walking Needs



Cycling Needs



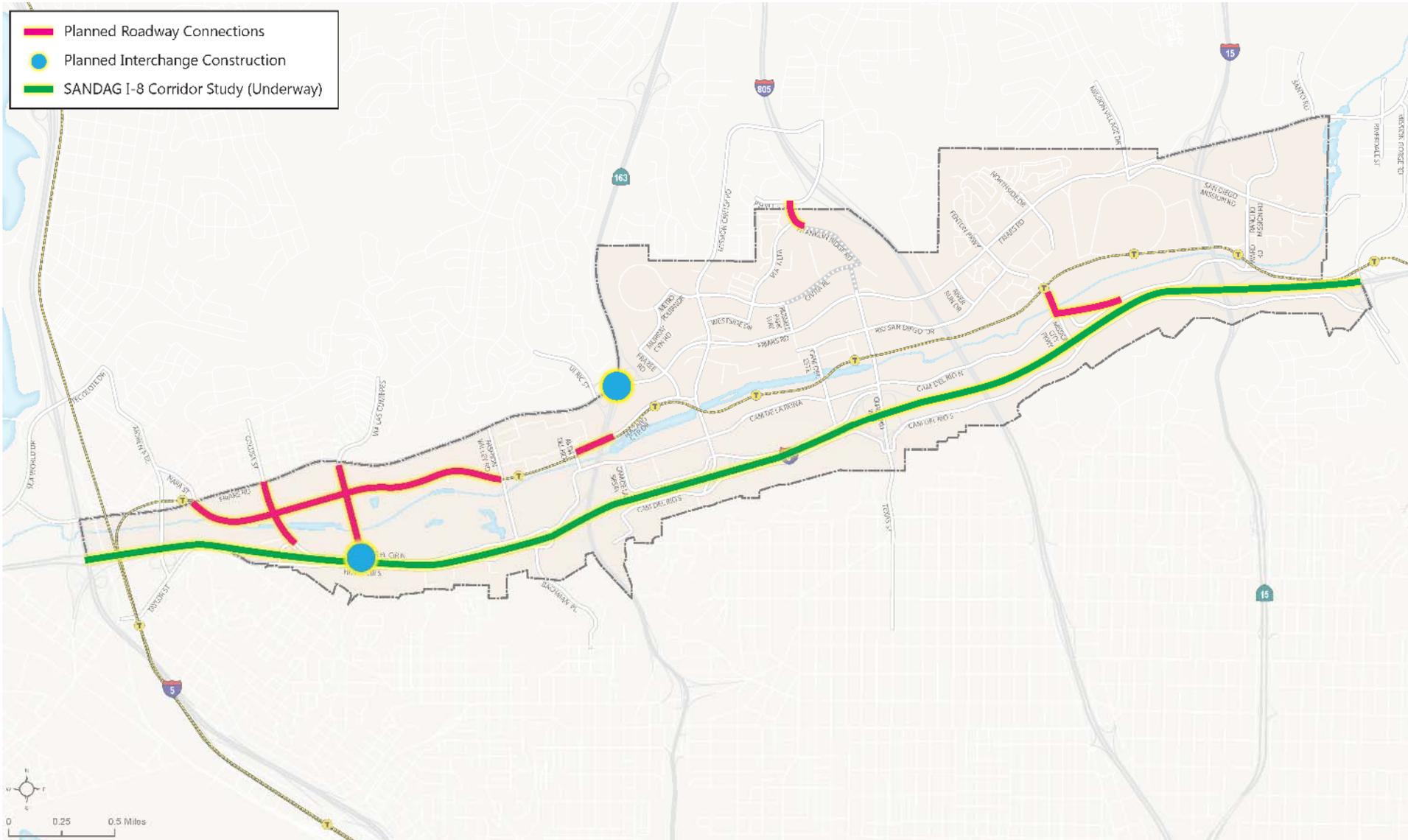
- High Cycling Demands
- High Bicycle Volumes (20 or Greater during Peak Periods)
- Existing Bicycle Facilities**
 - Class I - Bike Path
 - Class II - Bike Lane
 - Class III - Bike Route
- High Bicycle Collisions (2 or more in a 5-Year Period)
- High Success Roadways for Cyclists
- Future Circulation Roads
- Non-Residential Land Uses**
 - Retail/General Commercial
 - Service Commercial
 - Office
 - Educational/Institutional
 - Public/Government

Mobility Options - Roads

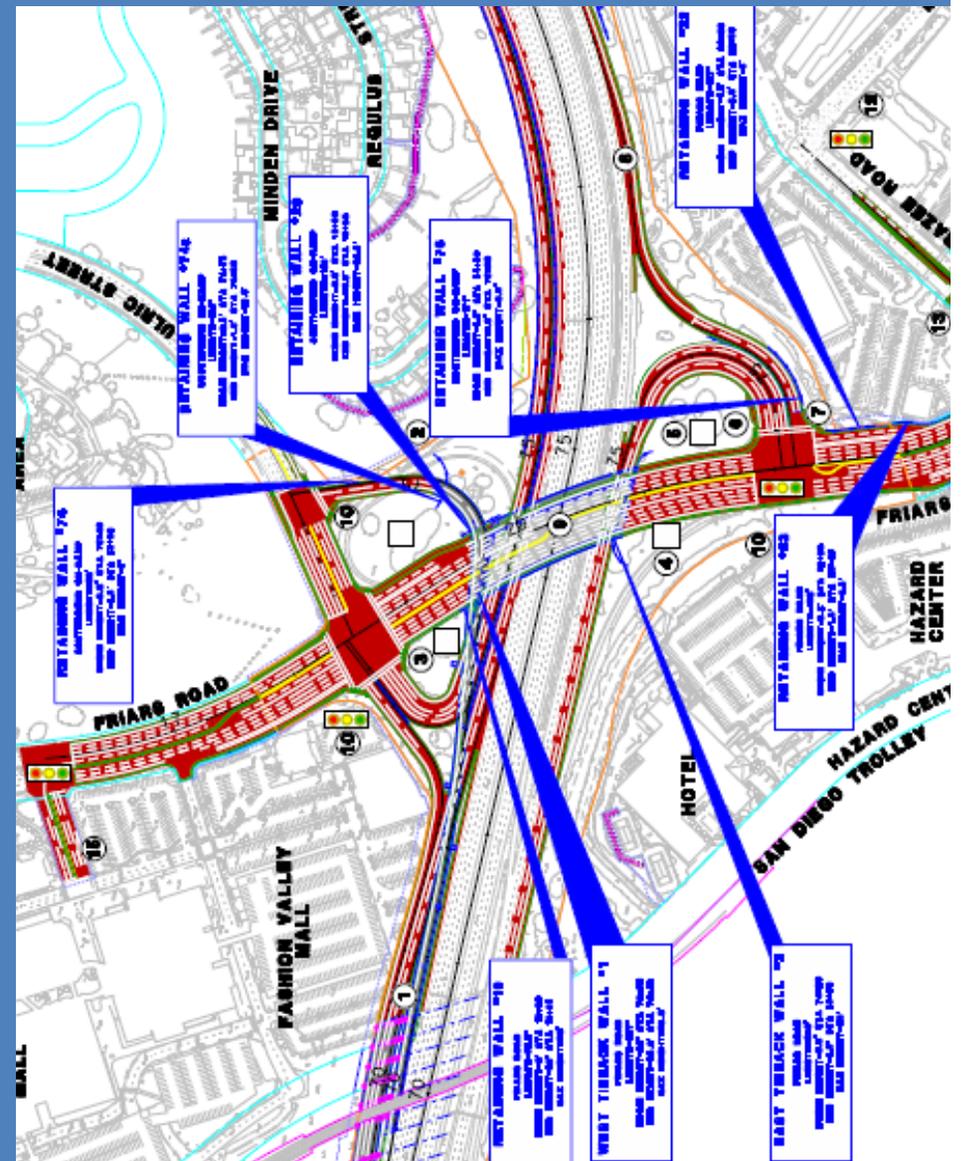
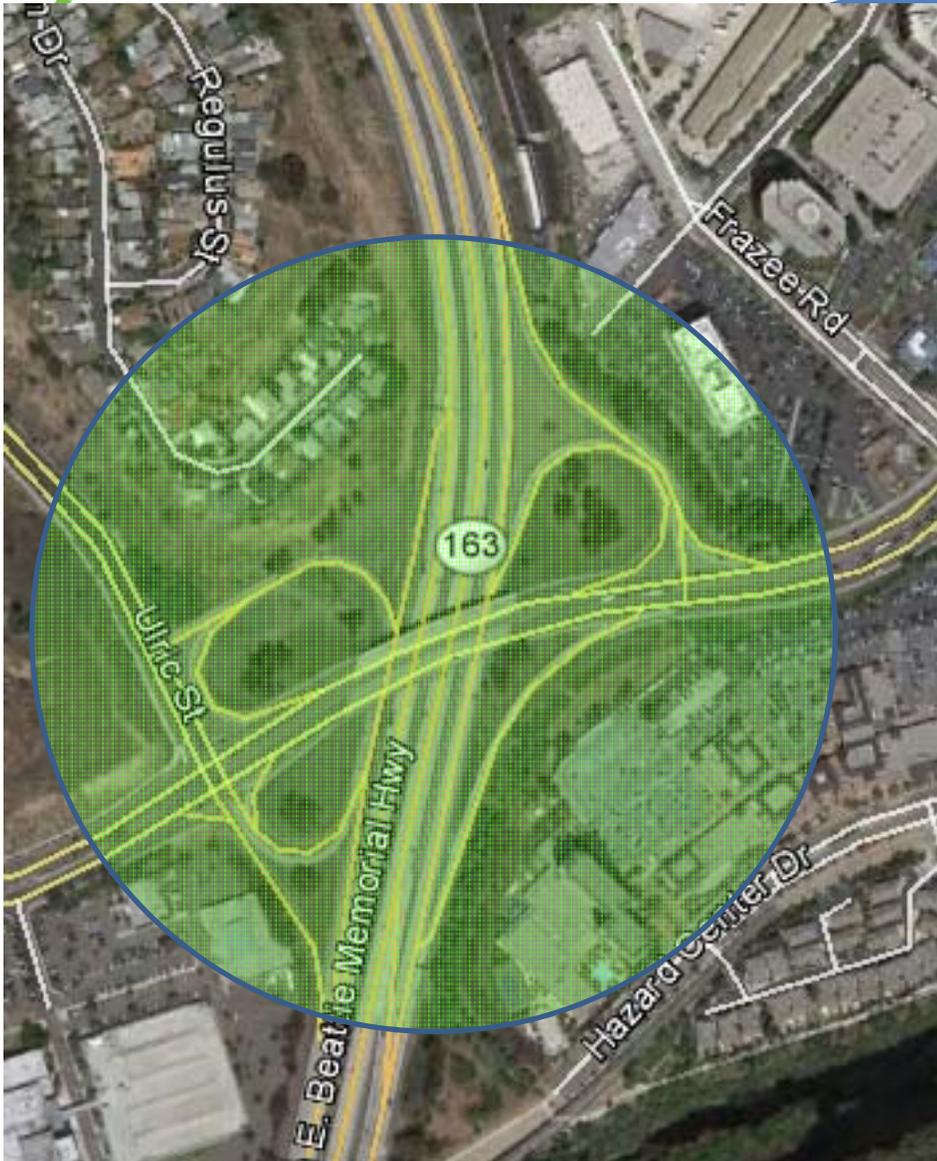
- Improve Connectivity
- Freeway and Interchange Improvement
- Improve Signal Coordination
- Strengthen the Street Grid
- Right-Sizing Complete Streets
- Traffic Calming
- Increase Roadway Capacity

Street and Freeway Connectivity

- █ Planned Roadway Connections
- Planned Interchange Construction
- █ SANDAG I-8 Corridor Study (Underway)



Interchange Improvement



Signal Coordination



“Main Street”



Traffic Calming



Road Diet

Mobility Options - Transit

- Improve Access to Trolley Stations
- New Trolley Station at RiverWalk
- New Transit Service Routes
- Potential MV Community Circulator
- Discover Skyway Options
- Transit Priority Treatments
- Mobility Hubs

Portland, OR

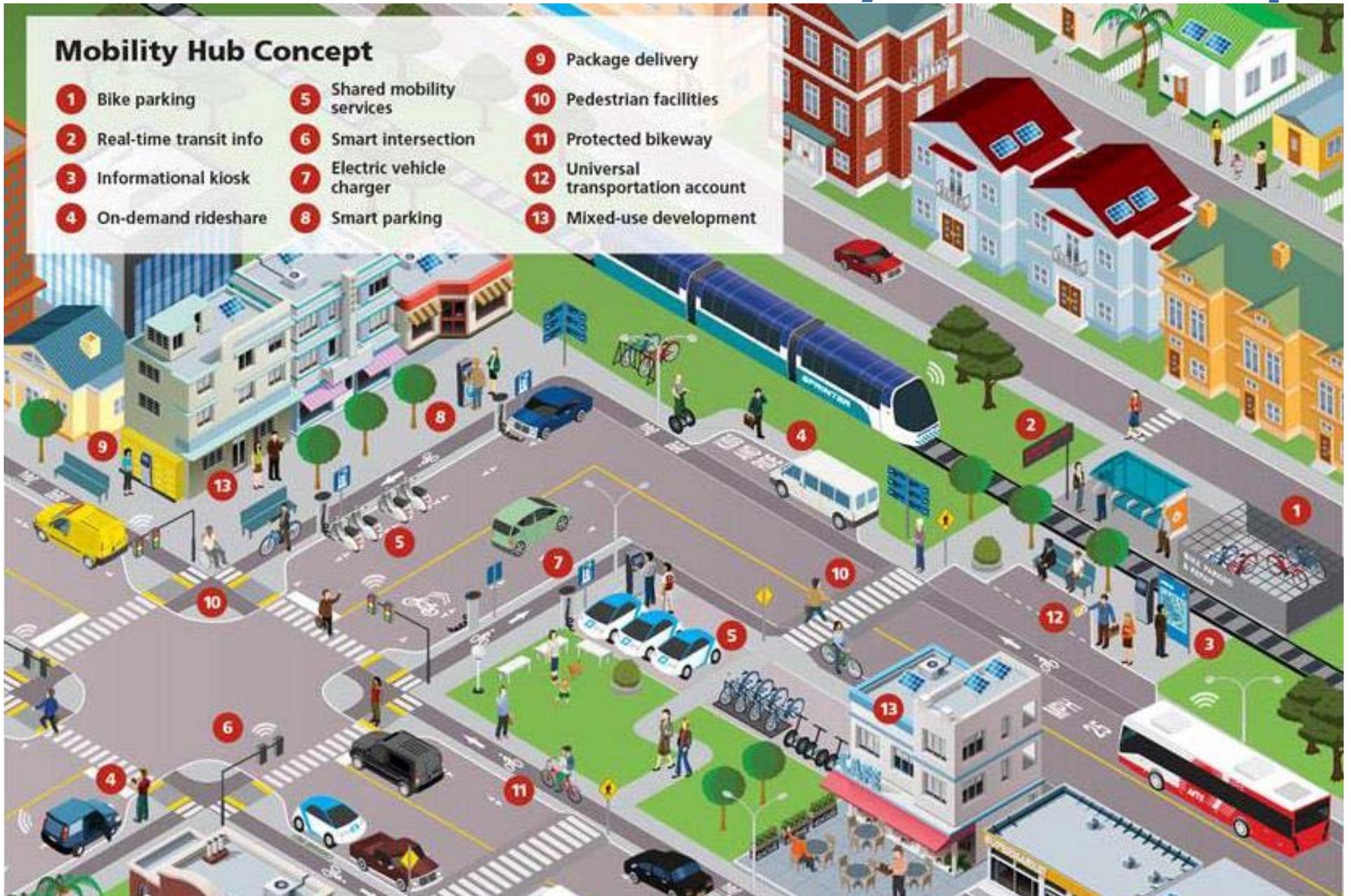


San Diego Bay to Balboa Park
Computer Animation

Mobility Hub Concept

Mobility Hub Concept

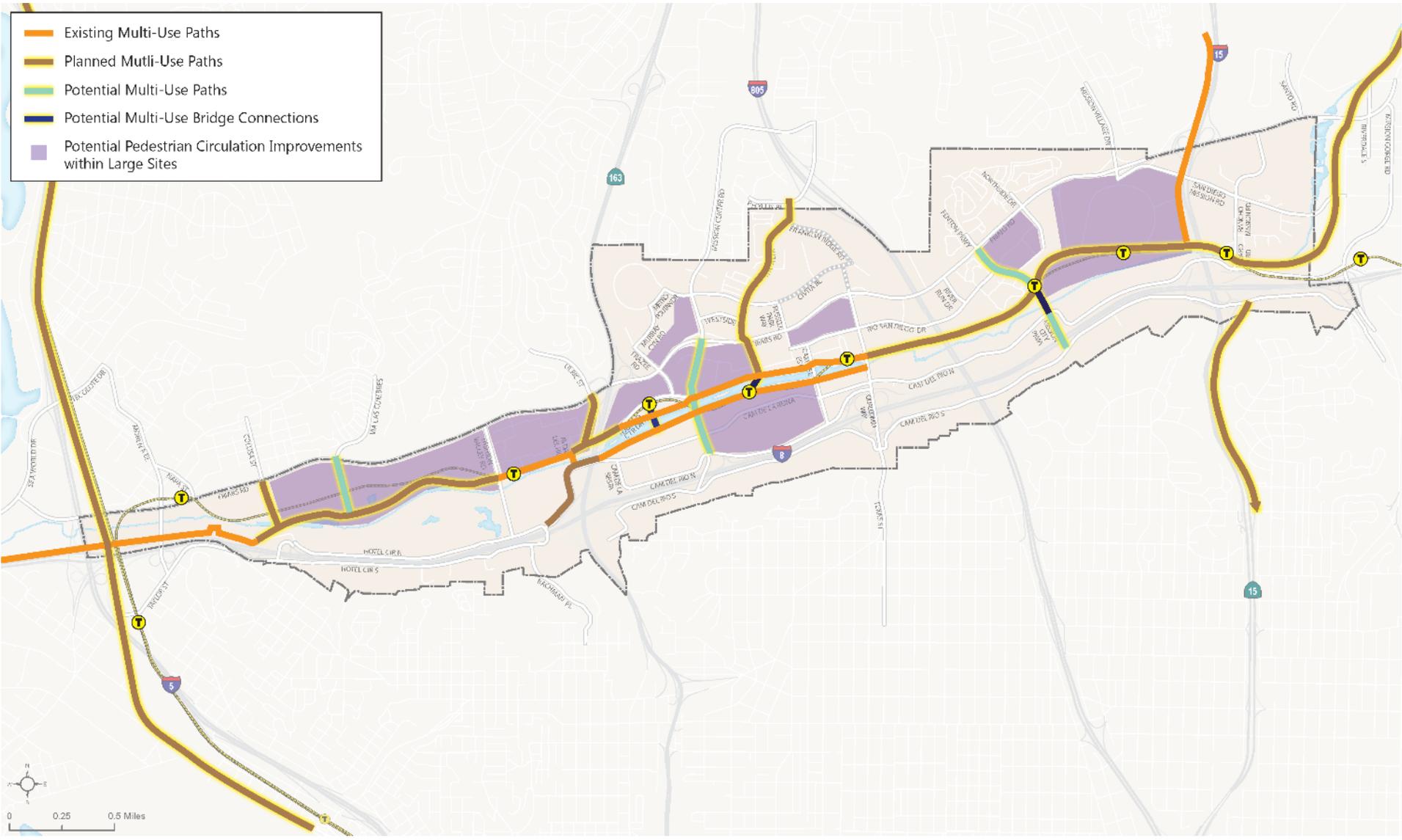
- | | | |
|--------------------------|----------------------------|-------------------------------------|
| 1 Bike parking | 5 Shared mobility services | 9 Package delivery |
| 2 Real-time transit info | 6 Smart intersection | 10 Pedestrian facilities |
| 3 Informational kiosk | 7 Electric vehicle charger | 11 Protected bikeway |
| 4 On-demand rideshare | 8 Smart parking | 12 Universal transportation account |
| | | 13 Mixed-use development |



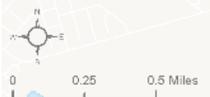
Mobility Options - Walking

- Complete and Leverage the San Diego River Trail
- Improve Pedestrian Connections to Trolley Stations
- Shorten Pedestrian Crossing Distance
- Improve Pedestrian Visibility
- Pedestrian Focused Traffic Control
- Continuous Sidewalk
- Pedestrian Scale Lighting

Walking Options



- Existing Multi-Use Paths
- Planned Multi-Use Paths
- Potential Multi-Use Paths
- Potential Multi-Use Bridge Connections
- Potential Pedestrian Circulation Improvements within Large Sites



Pedestrian Crossing Distance

Curb Extensions



Pedestrian Refuge

Pedestrian Crossing Distance



Decorative Crosswalks



Flashing Beacons & High Visibility Crosswalks

Pedestrian Countdown



Pedestrian Hybrid Beacon



*Lead
Pedestrian Interval*

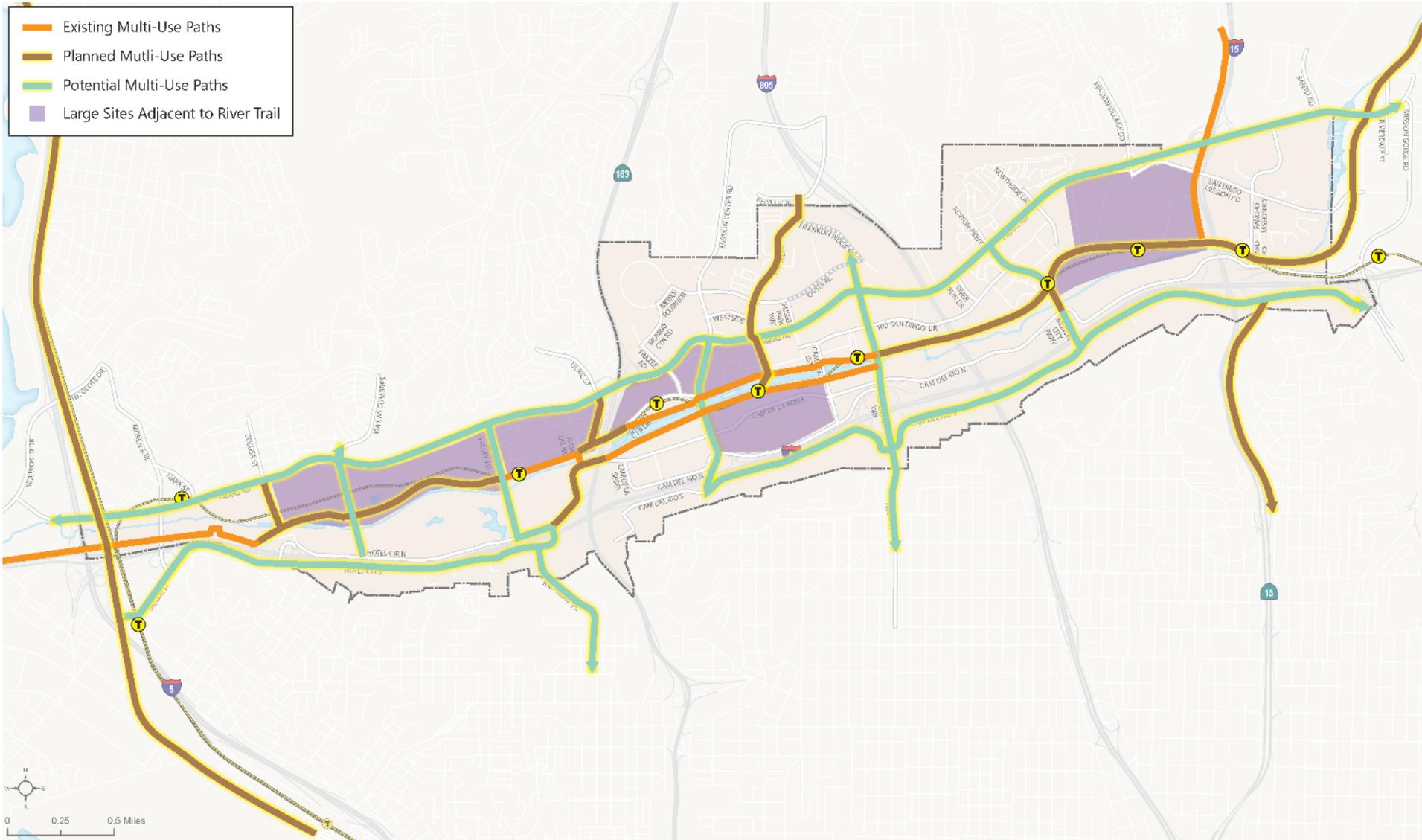


Mobility Options - Cycling

- Complete and Leverage the San Diego River Trail
- Improve Connectivity
- Improve Safety
- Protected Intersections

Cycling Options

-  Existing Multi-Use Paths
-  Planned Mutli-Use Paths
-  Potential Multi-Use Paths
-  Large Sites Adjacent to River Trail



Bike Lane



Buffered Bike Lane



Protected Bicycle Facilities

One-Way Cycle Track



Two-Way Cycle Track

Protected Bicycle Facilities

Raised Two-Way Cycle Track



Multi-Use Path

Protected Intersection



Discussion



Thank you!

