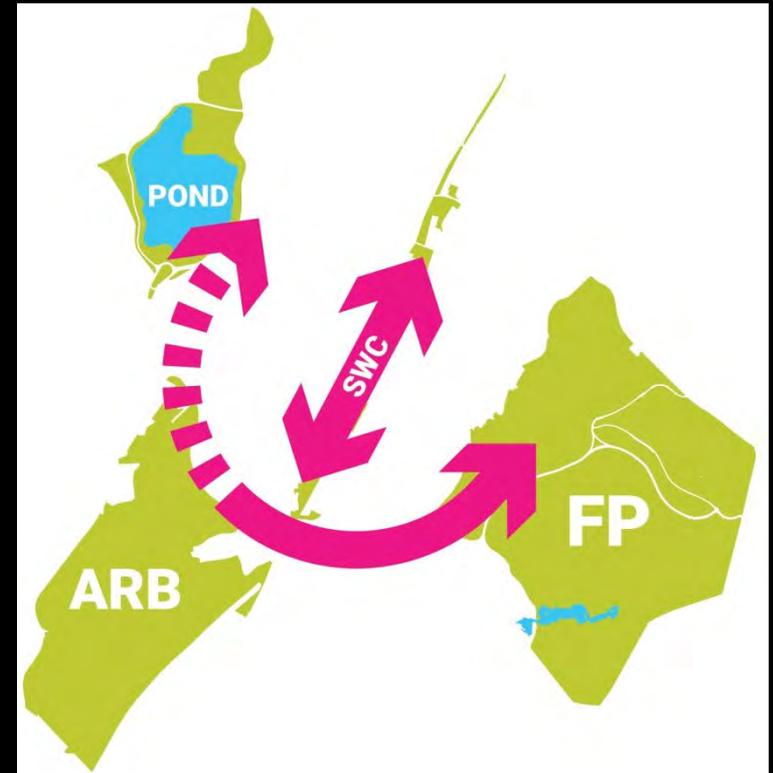
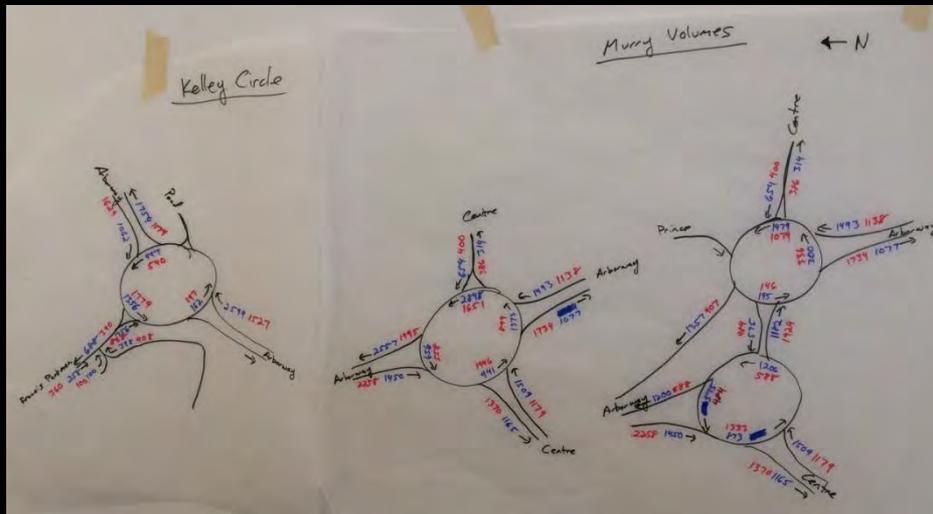


Principles

- Path as place
- Park experience
- Legible
- Add to the green
- Continuous bike facilities
- Easy for pedestrians and bicyclists
- Respect history



Develop Starter Ideas

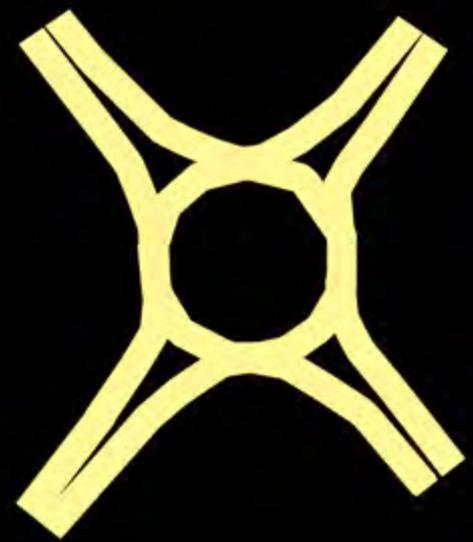
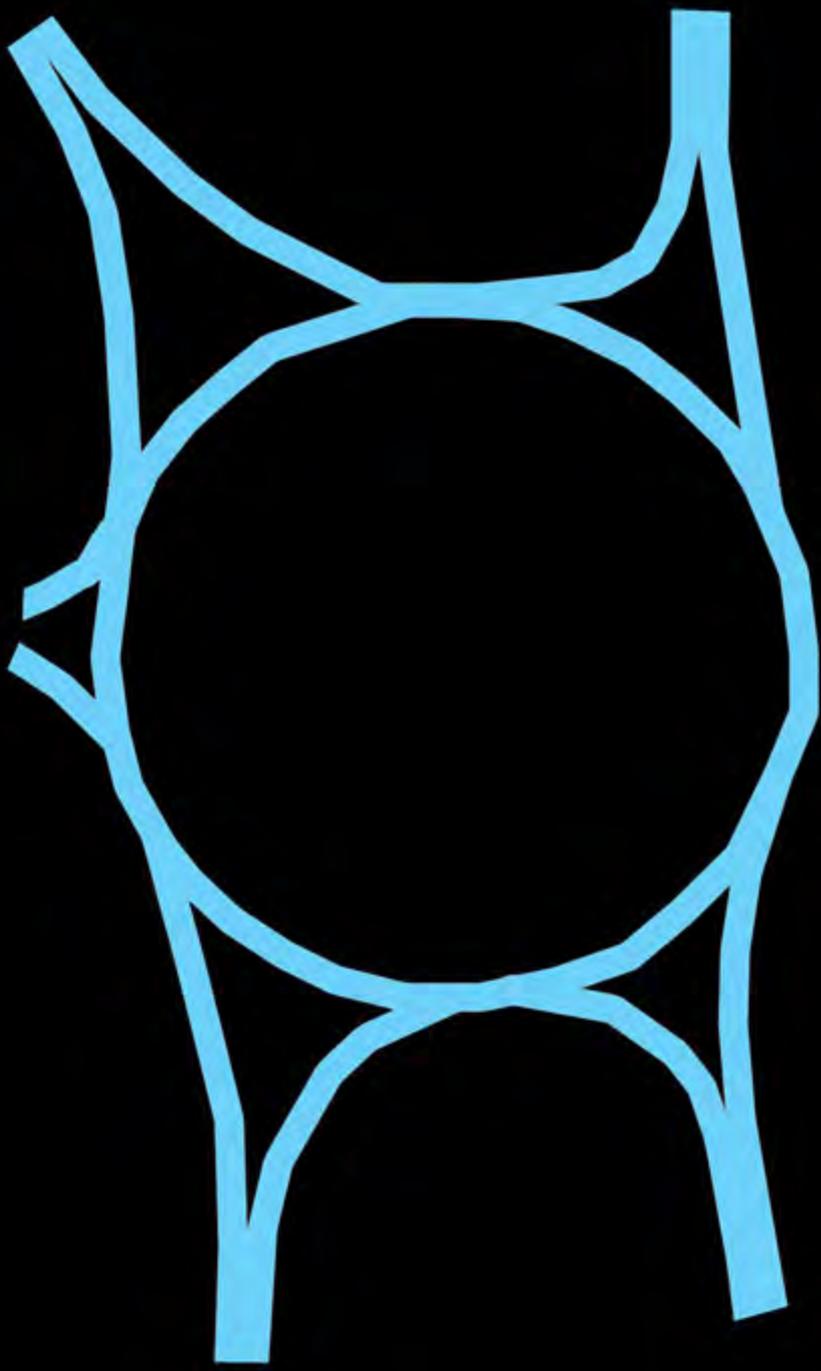


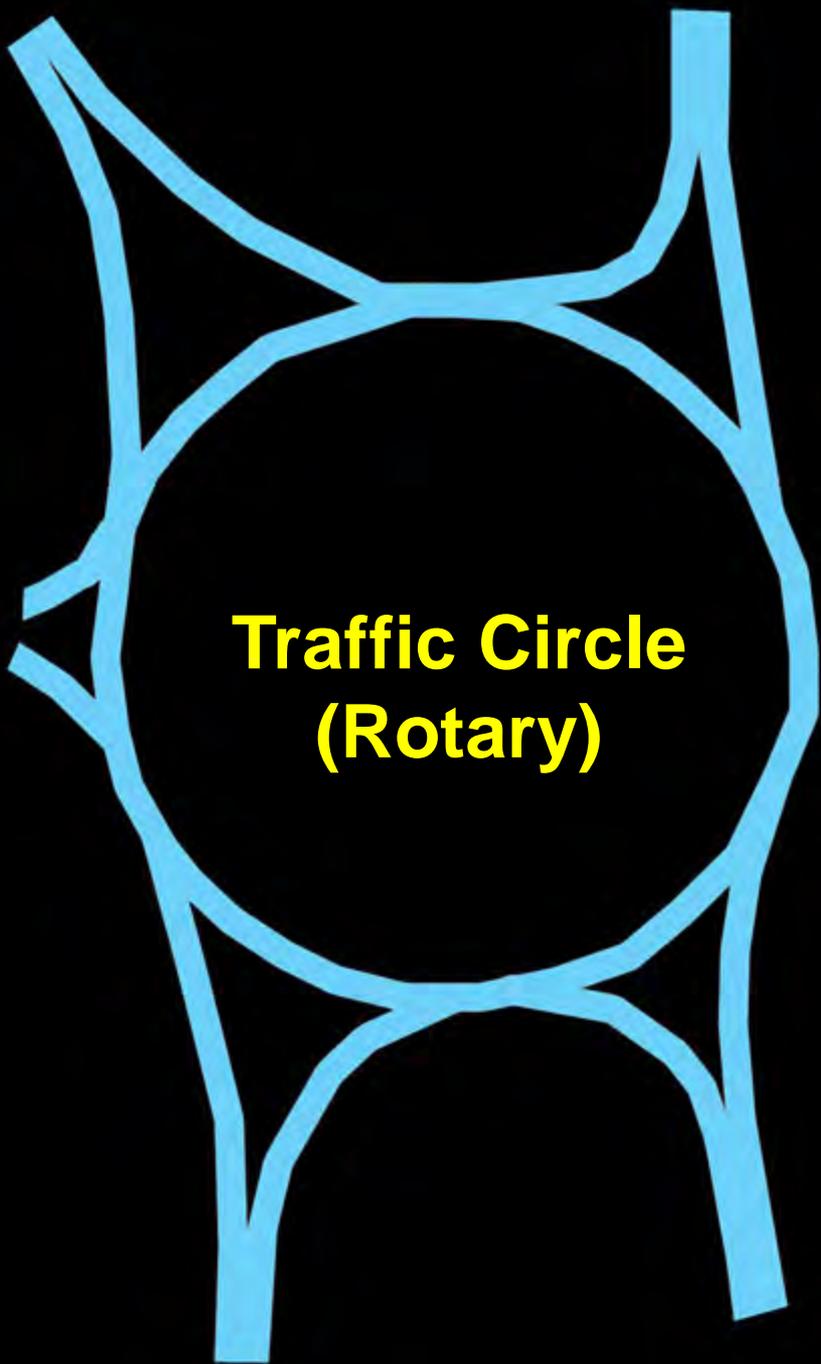
Develop Starter Ideas



Roundabout Fundamentals







**Traffic Circle
(Rotary)**



**Mini-Traffic
Circle**



**Modern
Roundabout**

Before:

Rotary



Worcester, MA



After:

Roundabout

Worcester, MA

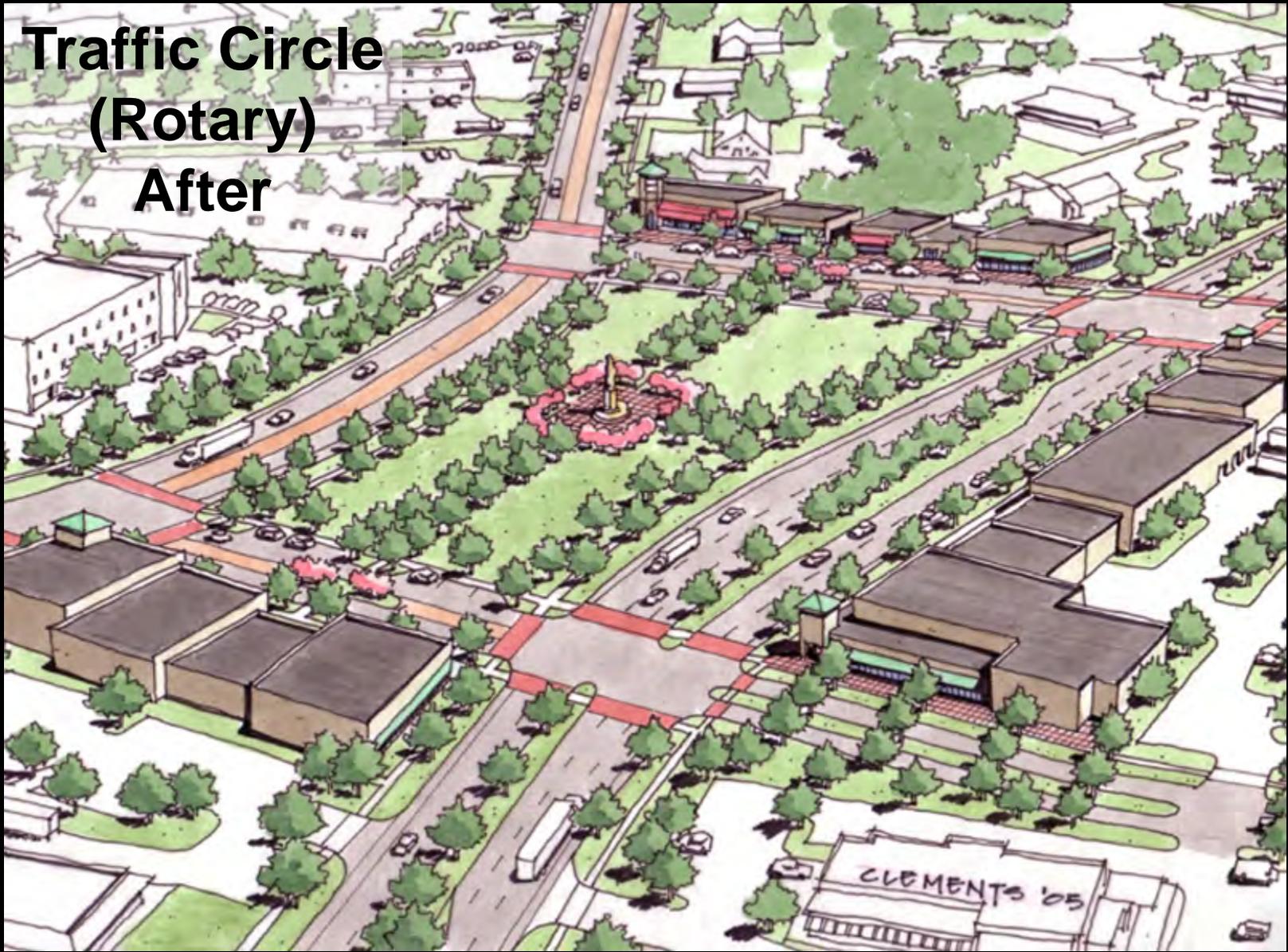
**Traffic Circle
(Rotary)
Before**



**Traffic Circle
(Rotary)
After**



**Traffic Circle
(Rotary)
After**





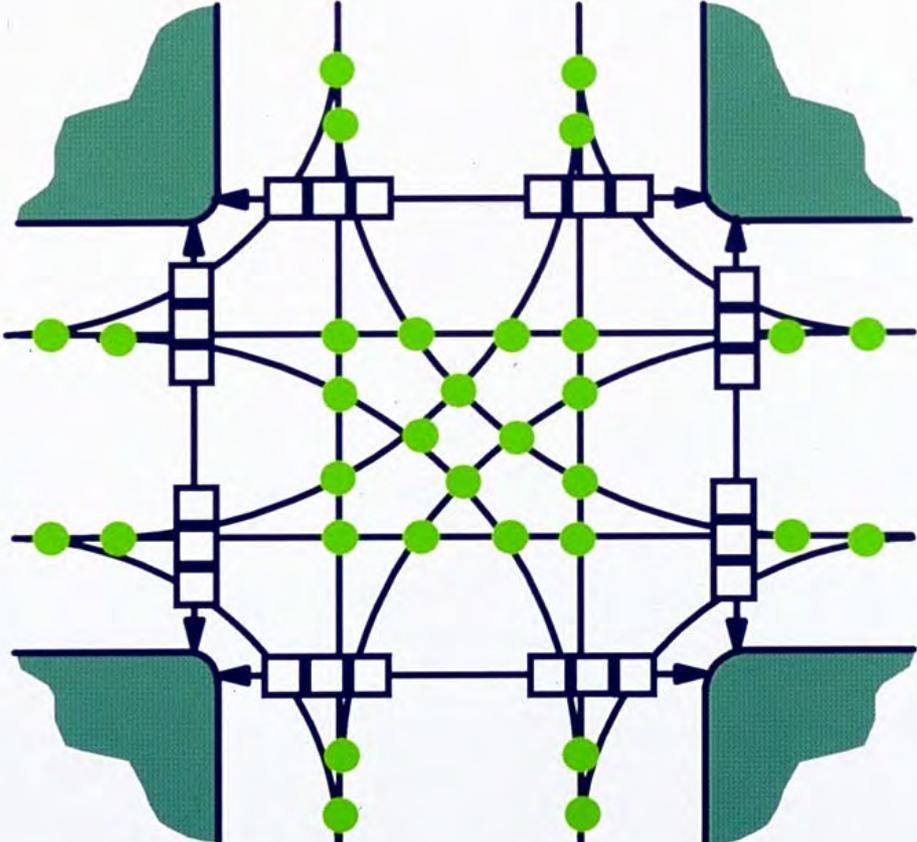
**Mini-Traffic
Circle**



**Modern
Roundabout**

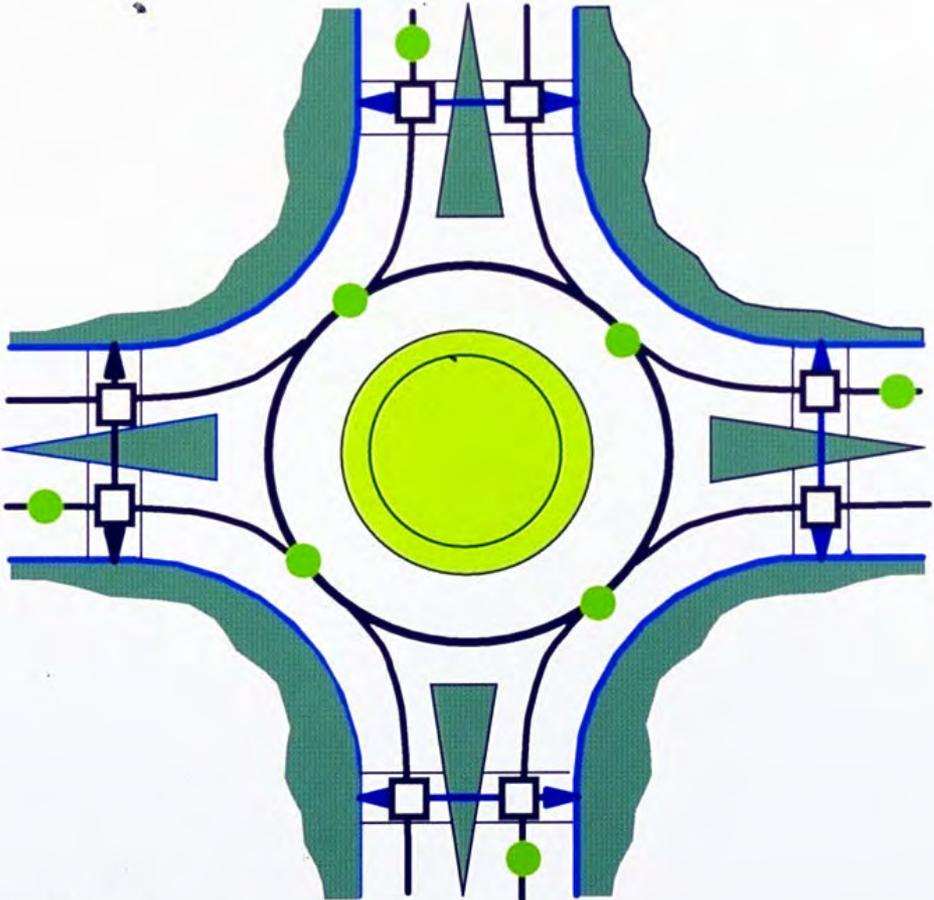


Conflicts At a Four-Way Intersection



- 32 Vehicle to vehicle conflicts
- 24 Vehicle to pedestrian conflicts

Conflicts At Roundabouts



● 8 Vehicle to vehicle conflicts

□ 8 Vehicle to pedestrian conflicts

Splitter Island &
Pedestrian Refuge

Mountable Ring

Center Island

Yield Line

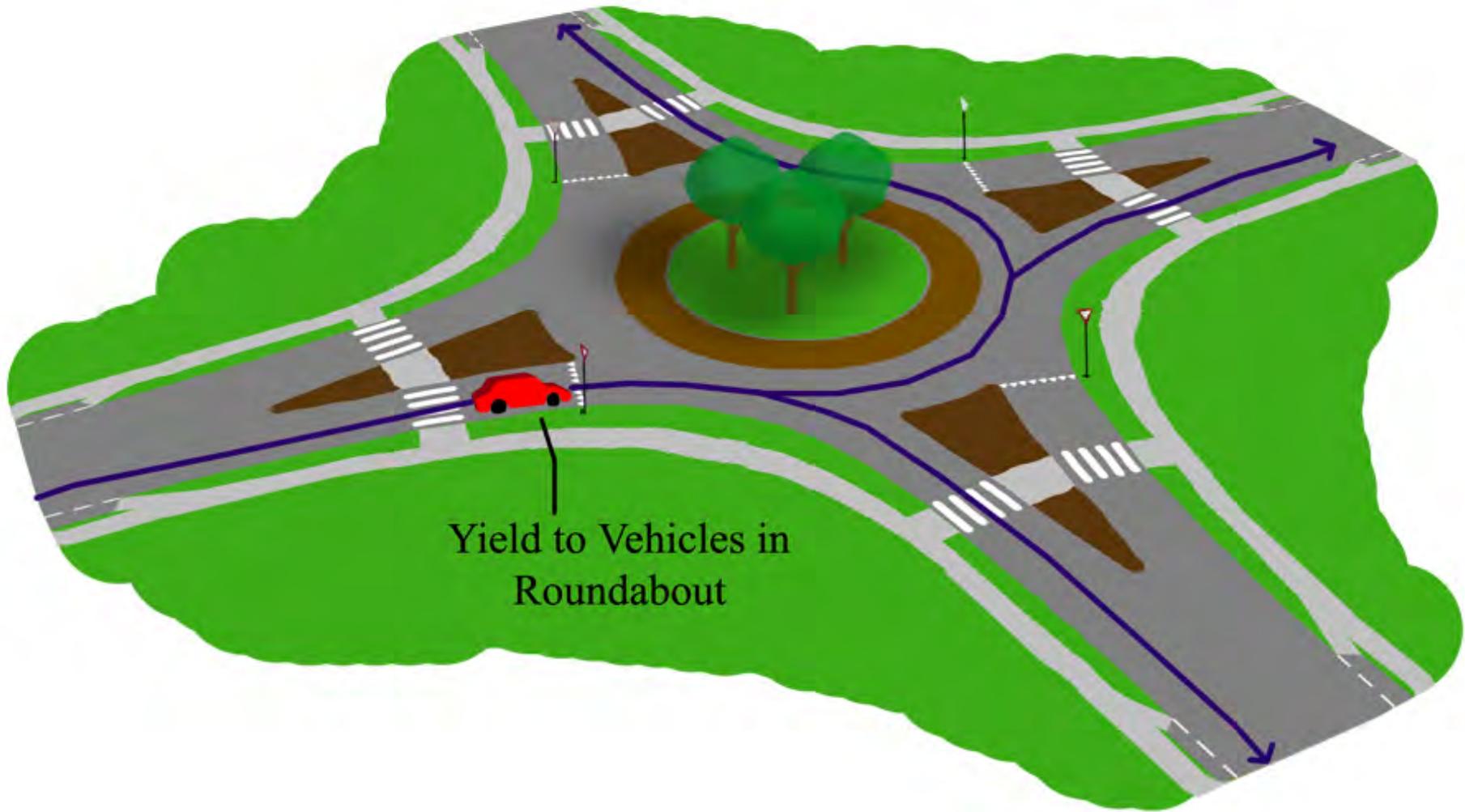
Bike Lane

Pedestrian Crossing

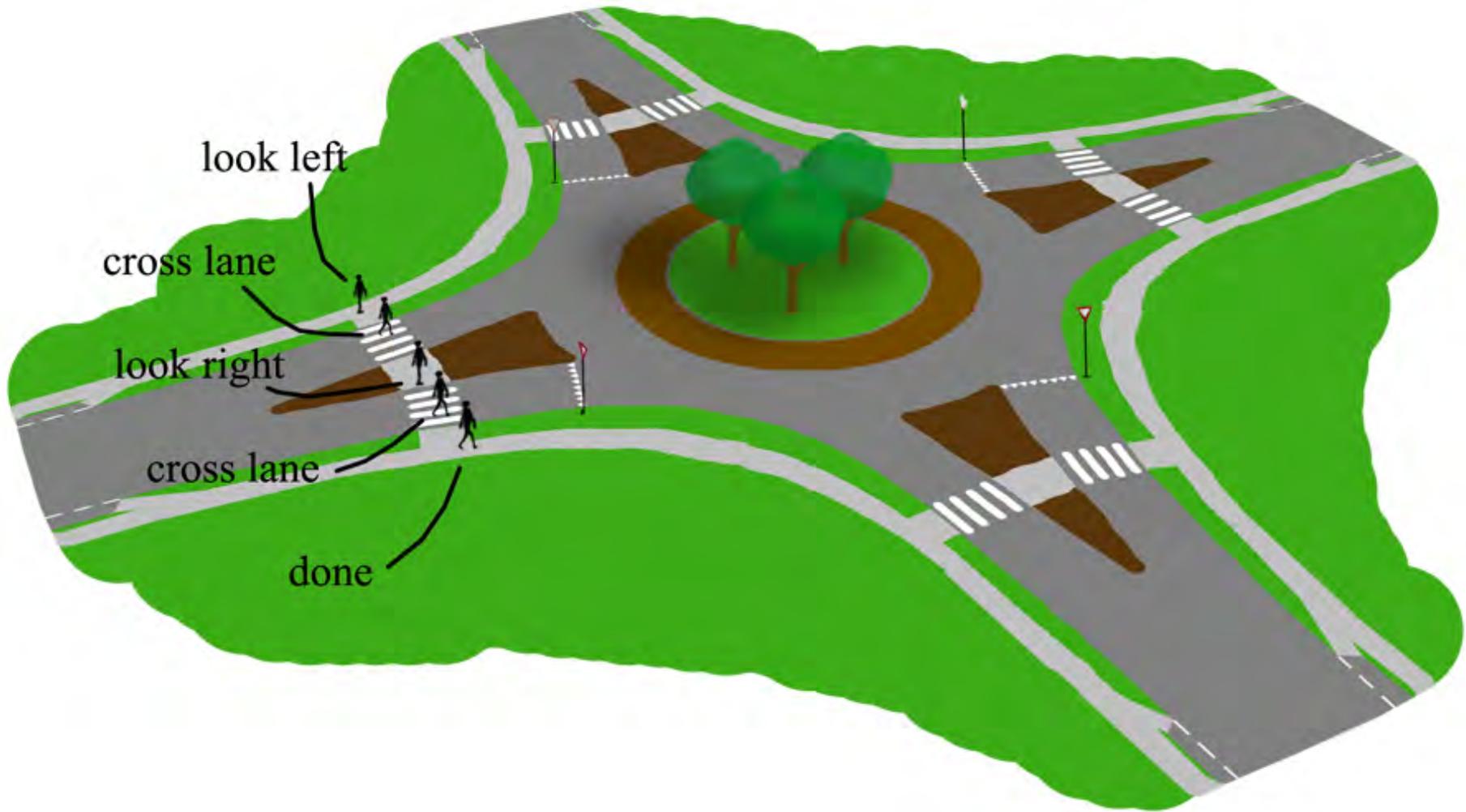
Bike Ramps







Yield to Vehicles in
Roundabout



look left

cross lane

look right

cross lane

done



Swept Path



E. TREN RD
S. BUFFALO ST

HSBC

The Pour House

ONE WAY

ONE WAY

PAVEMENT REPAIRS
CALL US TODAY
ALWAYS WEAR YOUR SEATBELT









206

Red Hill

Mount Lucas

Terhune

Park

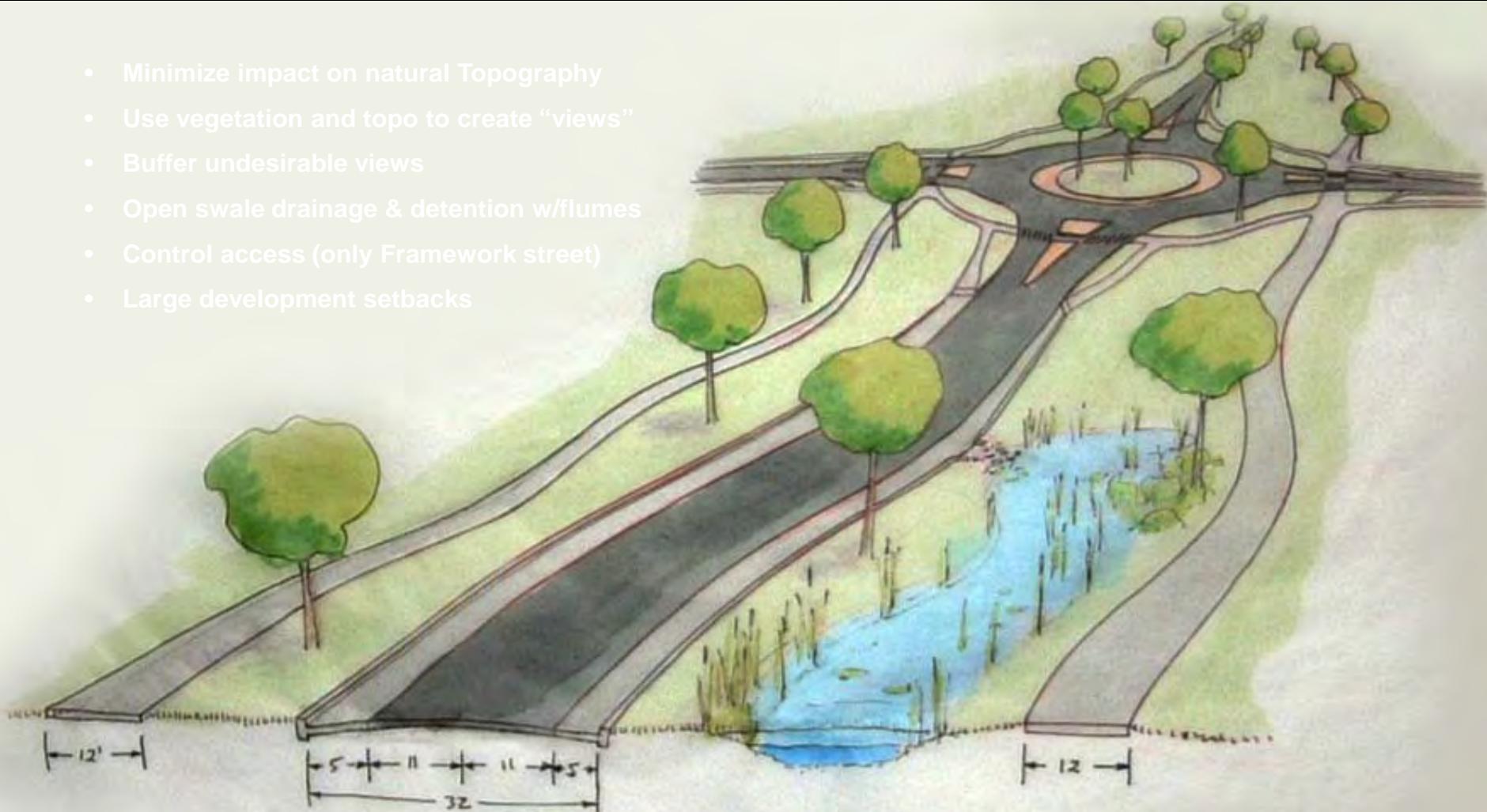
Valley

206

Civic Site

Witherspoon

- Minimize impact on natural Topography
- Use vegetation and topo to create “views”
- Buffer undesirable views
- Open swale drainage & detention w/flumes
- Control access (only Framework street)
- Large development setbacks

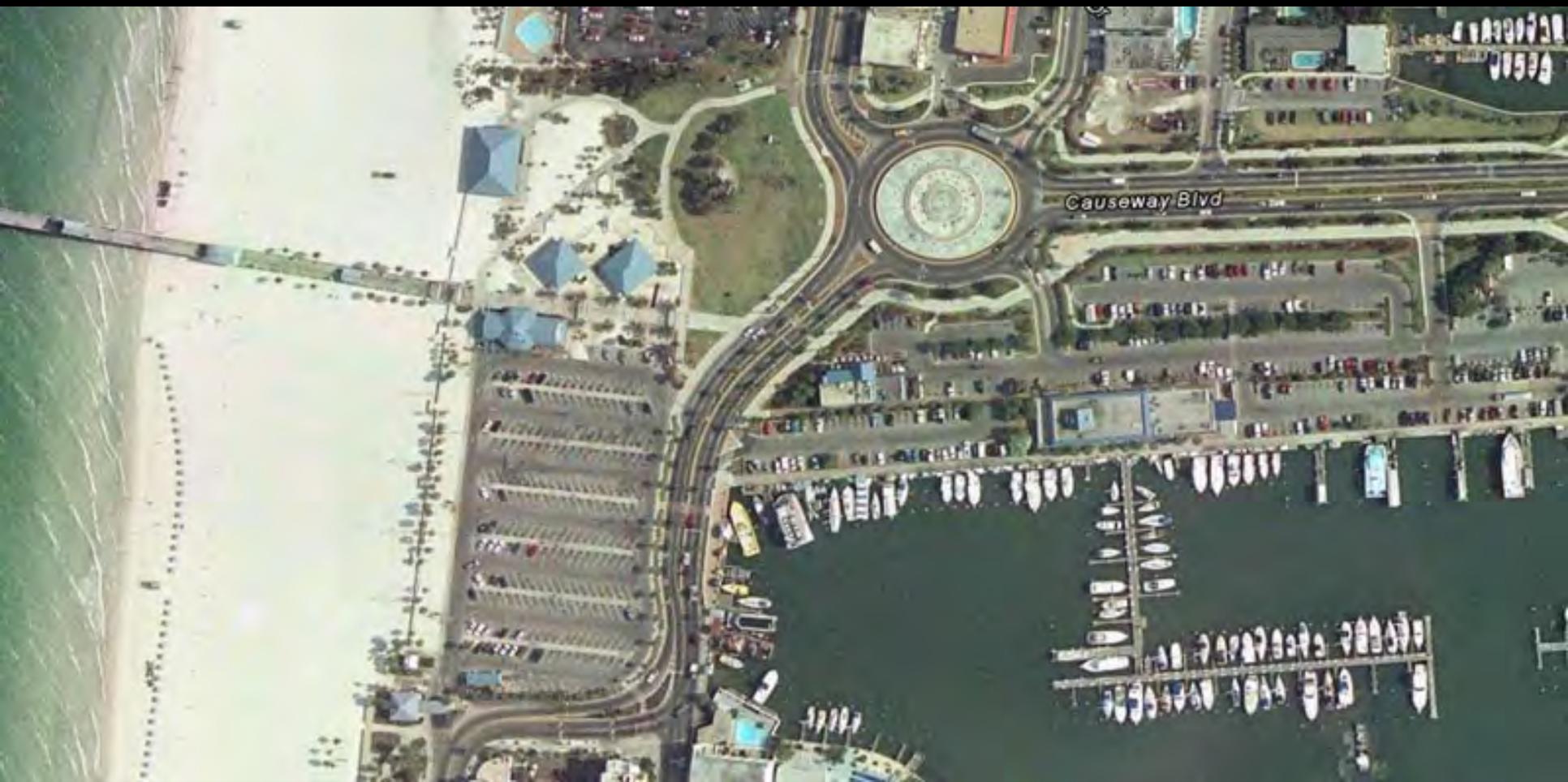


SOUTH BRANCH PARKWAY
CROSS-SECTION











Advantages

Reduced crash rates and crash severity

Reduced emissions

Reduced speeding

Vehicular design speed of 30 mph

Efficient vehicular flow

Inclusive of pedestrians & cyclists

Low tech

Attractive

Less impervious surfaces

No turn lanes/frees up space for...

Make nice entrance features