



CITY OF RACINE :: BICYCLE AND PEDESTRIAN MASTER PLAN

ENGINEERING RECOMMENDATIONS

BIKE LANES

The portion of the roadway that has been designated by striping, signage, and pavement markings for the preferential or exclusive use of bicyclists.



PAVED SHOULDERS

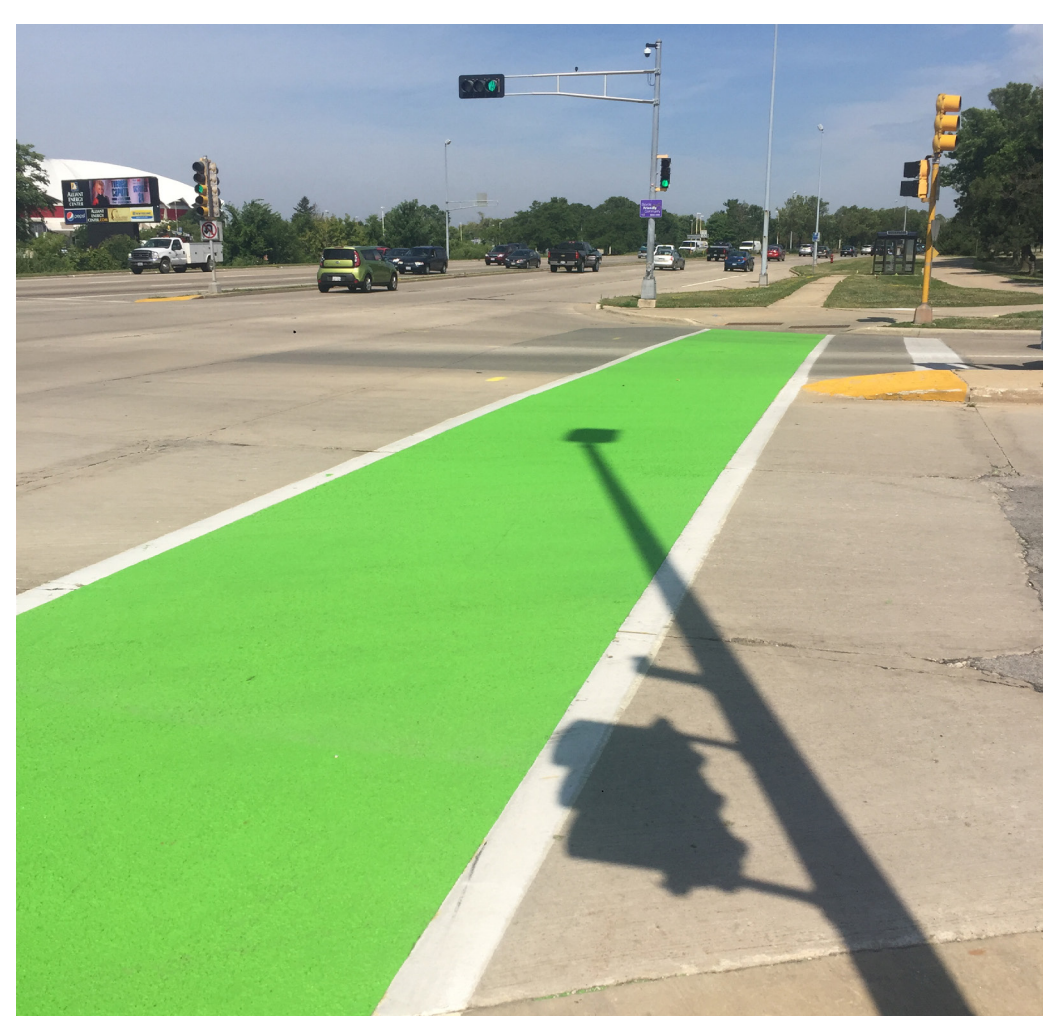
Wide paved shoulders benefit all road users, as bicyclists and pedestrians have space to ride or walk, motorists have room to correct and pavement life is extended.



INTERSECTION IMPROVEMENTS

Reduce conflict between users by using a variety of treatments.

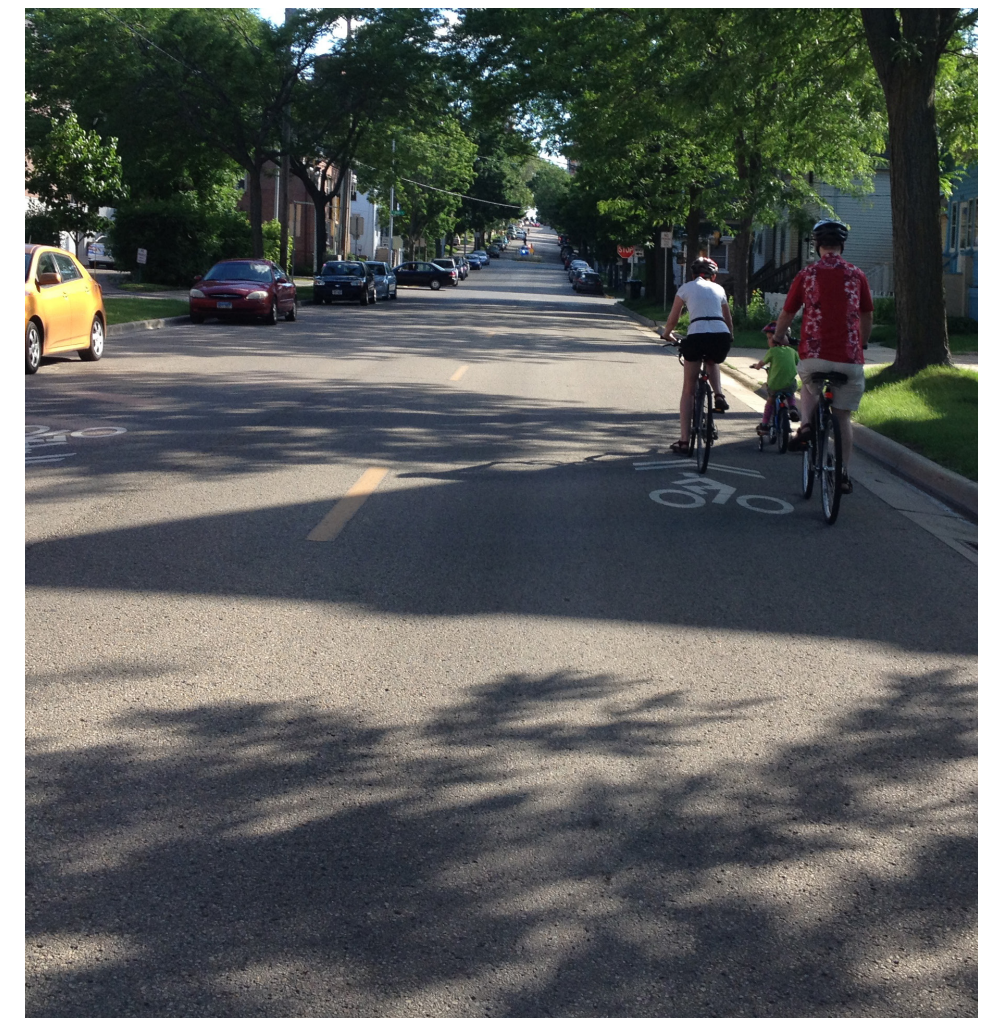
- Pavement Markings
- Refuge Islands
- Signals
- Signage



NEIGHBORHOOD GREENWAYS

Residential streets with lower volumes of motorized traffic and lower speeds where bicyclists and pedestrians are given priority.

- Sharrows
- Pavement Markings
- Signage
- Vertical and Horizontal Treatments



TRAIL CONNECTIONS

Formalize the places where people are already walking and biking.

- Increase access to the trail system
- Improve overall connectivity of the bicycle and pedestrian network



SIGNAGE

Indicates the presence of a bicycle facility.

- Distinguishes the facility for bicyclists, pedestrians and motorists
- Wayfinding and route
- Regulatory
- Warning





CITY OF RACINE :: BICYCLE AND PEDESTRIAN MASTER PLAN

ENGINEERING RECOMMENDATIONS :: MAP 1

BIKE LANES

- Erie Street from 3 Mile Road to Melvin Avenue



PAVED SHOULDERS

- 3 Mile Road from N. Green Bay Road to MRK County Trail



INTERSECTION IMPROVEMENTS

#1 - South Street and MRK County Trail
Colored pavement intersection crossing markings

#2 - Mt. Pleasant Street and Rapids Drive
Through travel colored pavement bike lane on Mt. Pleasant on north side of intersection (Goold St); stripe crosswalks; Install countdown timers that can be activated by cyclists on bike

#3 - Mt. Pleasant Street and High Street
Colored pavement intersection crossing markings



NEIGHBORHOOD GREENWAYS

- South Street from County Trail to Erie Street
- Augusta Street from County Trail to Michigan Ave
- Layard Ave from Mt. Pleasant Rd to County Trail
- Mt Pleasant Rd from Romanyne to High Street
- Melvin Avenue from Erie to Michigan Blvd
- Erie Street from Melvin Ave to State St
- High Street from Mt. Pleasant Rd to Michigan Boulevard

TRAIL CONNECTIONS

- Augusta Street to MRK County Trail



SIGNAGE

- Mt. Pleasant and Layard Avenue
Add directional signage on Layard Ave at the turn onto Mt. Pleasant
- County Trail and Layard Avenue
Add signage on Layard Ave to relay to users they are on route

SHARROWS

- Extend on Mound Avenue to West 6th Street (from Liberty Street to 6th Street)



TRAIL CONNECTIONS

- none

SIGNAGE

- Linzie Ave and Root River Pathway - directional signage to/from the RRP to Kinzie
- Liberty and Root River Pathway - decision point
- 12th Street and Root River Pathway - need directional signage upon exiting the RRP

NEIGHBORHOOD GREENWAYS

- Ontario Street from State Street to Root River Pathway
- Westwood Drive from Northwestern Ave to Jefferson St
- Jefferson St from Westwood Dr to W. High St
- West High St from Root River Pathway to Jefferson St.

INTERSECTION IMPROVEMENTS

#4 - State Street and Erie Street/Ontario Street

Extend median on State Street to create a refuge island for southbound bicycle traffic

#5 - Lake Michigan Pathway and Christopher Columbus Causeway

Expand curb cut to include entire section of connector sidewalk on the north side of CC Causeway

Add sharrows from Lake Avenue to the Racine Pier

Stripe pedestrian crosswalk

‘Bicycle may use full lane’ signage MUTCD R4-11

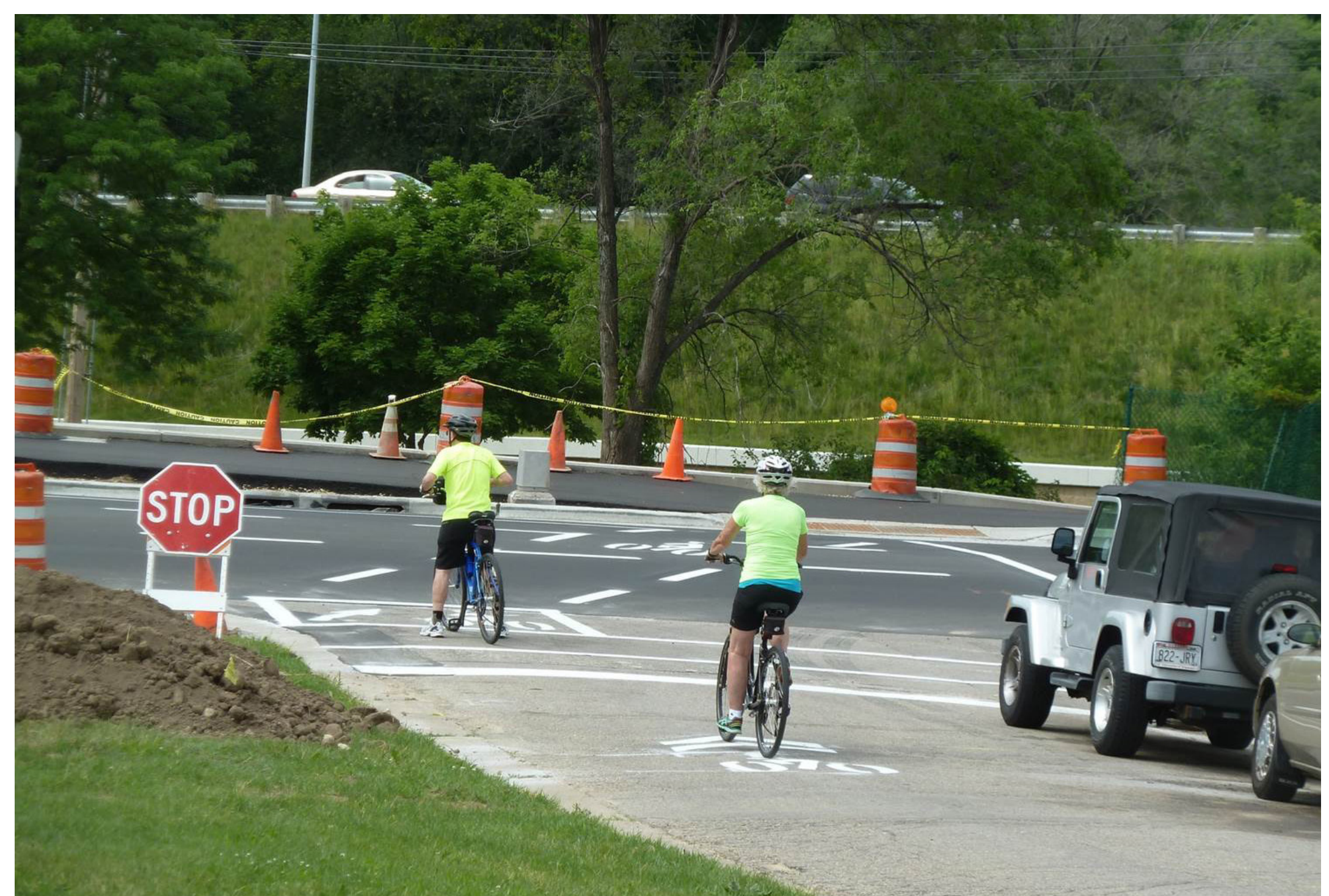
#6 - Mound Avenue and Root River Pathway

Construct curb cut on the north side of Mound Avenue

Colored pavement intersection crossing markings

Colored pavement left turn bike lane for southwest bound cyclists

Replace existing signage with ‘Trail Crossing’ signage MUTCD W11-15a





ROAD RECONFIGURATION

- Washington Avenue from West Boulevard to Ohio Avenue



INTERSECTION IMPROVEMENTS

#7 - Washington Ave and Quincy Ave/Root River Pathway

Extend curb ramp the length of the transit stop

Stripe the pedestrian crosswalk

Extend trail and widen further east to align with Quincy Avenue at 90 degrees

Left turn bike lane to access trail from Quincy Avenue

#8 - West Blvd and 16th St

Add pedestrian activated push buttons on all corners;
Stripe crosswalks

#9- Lathrop Ave and County Bike Trail

Colored pavement intersection crossing markings

Activated Rectangular Rapid Flash Beacon

Time the traffic signals on Taylor Avenue and Drexel Avenue to create gaps

Add trail crossing signage

#10- Taylor Ave and Pierce/West Blvd

Colored pavement intersection crossings across Pierce Boulevard and Taylor Avenue

Trail crossing signage at the stop sign on Pierce Boulevard

Stop bar painted on Pierce Boulevard

Widen curb cut on southwest corner across Pierce Boulevard

#12- Durand Ave and County Bike Trail

Colored pavement intersection crossing markings

Activated Rectangular Rapid Flash Beacon

NEIGHBORHOOD GREENWAYS

- 12th Street from Washington Blvd to Lake Ave
- Lake Ave from 11th St to 12th St
- S. Main from 12th St to 16th St
- 16th St from S. Main to Wisconsin Ave
- Wisconsin Ave from 16th St to De Koven Ave
- Wisconsin Ave from 16th St to De Koven Ave
- De Koven Ave from Wisconsin to Case Ave
- Case Ave from De Koven Ave to Gilson St
- Gilson St from Case Ave to Drexel Ave
- Drexel Ave from Gilson St to Maryland Ave

TRAIL CONNECTIONS

- Olive Street and the County Bike Trail
- Cleveland Avenue and the County Bike Trail
- Blaine Avenue and the County Bike Trail



CITY OF RACINE :: BICYCLE AND PEDESTRIAN MASTER PLAN

ENGINEERING RECOMMENDATIONS :: MAP 4

BIKE LANE - MAP 4

- Durand Avenue from Meachem Rd to WI 31
- Meachem Rd from Durand Ave to Chicory Rd
- Mt Pleasant from County Bike Trail to WI 32

INTERSECTION IMPROVEMENTS - MAP 4

#13 - Chicory Road and WI 32

Engineered redesign

#14 - 21st Street and County Bike Trail

Colored pavement intersection crossing markings

NEIGHBORHOOD GREENWAYS - MAP 4

- Maryland Ave from Drexel Ave to Knoll Place
- Knoll Place from Maryland Ave to Chicory Road

INTERSECTION IMPROVEMENTS - MAP 5

#11 - Durand Avenue and WI 31

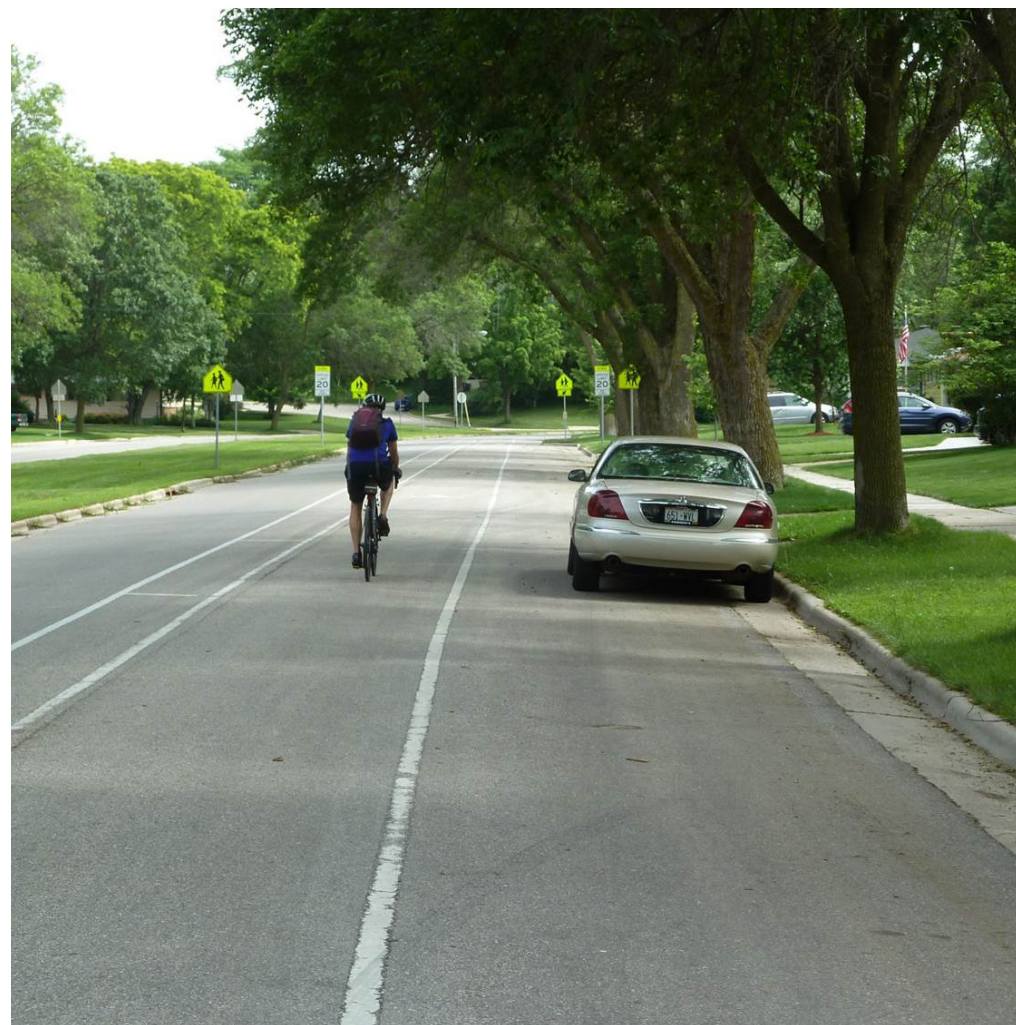
Engineered redesign





CITY OF RACINE :: BICYCLE AND PEDESTRIAN MASTER PLAN ENGINEERING RECOMMENDATIONS

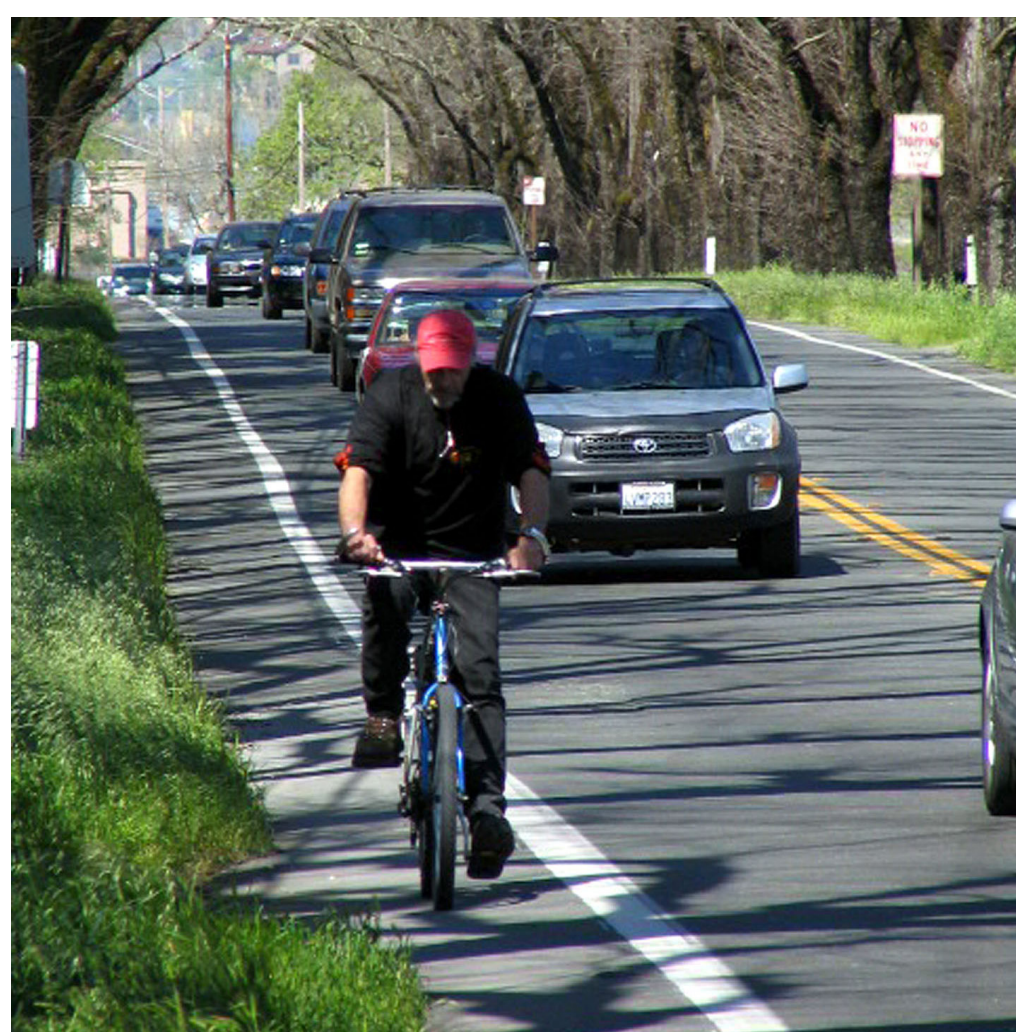
BIKE LANES



NEIGHBORHOOD GREENWAYS



PAVED SHOULDERS



TRAIL CONNECTIONS



INTERSECTION IMPROVEMENTS



SIGNAGE

