



POTENTIAL SAFETY COUNTERMEASURES

SAFETY ISSUES*

CONFLICTS
(entrances, intersections)



SPEEDING



DRIVER BEHAVIOR
(passing in a prohibited area)



SAFETY FOR PEOPLE OUTSIDE OF CARS



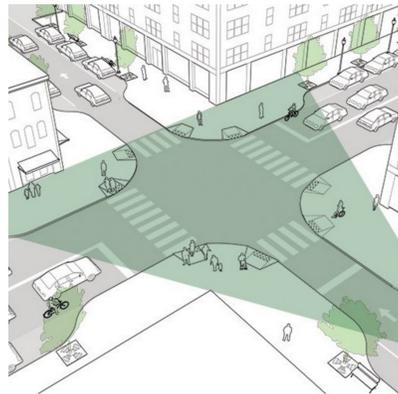
VISIBILITY
(lighting, pavement marking, sight distance)



*Note: These five issues are identified issues from previous planning efforts

INTERSECTION BUMPOUTS

Keeping the area near a crosswalk or corner clear of parked cars, signs, or anything that blocks a driver's view.



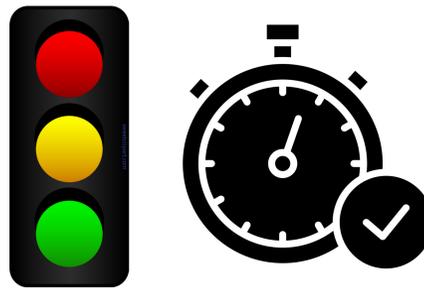
daylighting illustration (NACTO)

- Extending curbs to shorten crossings and improve sight lines
- Restricting parking near corners
- Removing visual obstructions like signs or overgrown vegetation
- Narrowing street space slows down vehicles approaching the intersection



TRAFFIC SIGNAL TIMING IMPROVEMENTS

Adjusting how long traffic lights stay green, yellow, or red so that cars, buses, bikes, and pedestrians can move more smoothly and safely.

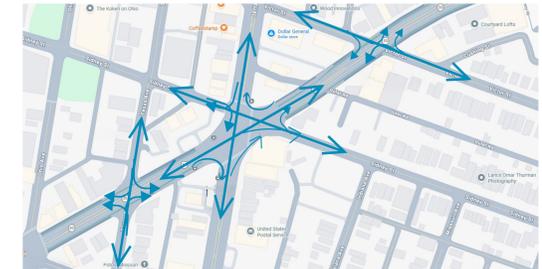


- Giving pedestrians a head start
- Providing more time to cross
- Updating timing to reflect current traffic patterns



INTERSECTION SIMPLIFICATION

Changing the shape or layout of an intersection to make it safer and easier for people to use.



traffic movement options near Jefferson and Route 30 (Gravois)



Five-Way Intersection, NACTO

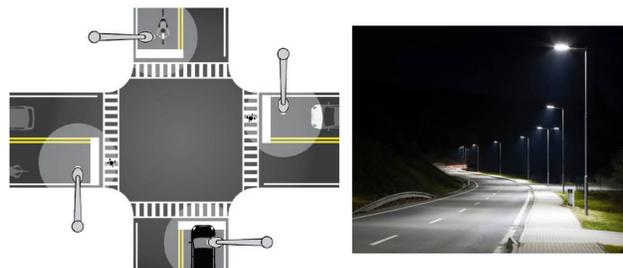
- Make the intersection safer by lining up the roads so they meet at right angles and managing access to side streets if needed.



DESIGN OPTIONS

LIGHTING

The system of lights installed along streets and highways to help drivers, cyclists, and pedestrians see better at night.



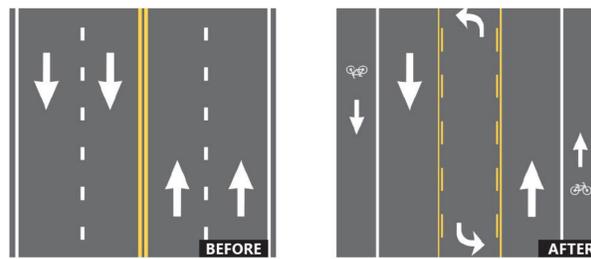
FHWA

- Continuous lighting improves safety
- Enhanced lighting is critical at intersections and crossings
- Modern lighting reduces glare and limits impacts to nearby properties



ROAD DIET

When a street with several lanes for cars is redesigned to have fewer car lanes. The extra space is then used for things like bike lanes, turn lanes, or wider sidewalks.



before and after road diet illustration

- Shorter pedestrian crossing
- Lower vehicle speeds
- Fewer crashes



RAISED MEDIANS

A small, built-up section in the middle of a road that separates traffic going in opposite directions.



raised median at Delmar and Clarendon - before (top) and after (bottom)

- Reduce vehicle speeds, especially if there are trees or tall plantings
- Reduce conflicts by restricting turns
- Provide refuge or safe waiting space for pedestrians



NOTE: Enforcement strategies can improve safety outcomes and need to be coordinated with local public safety departments.