DESIGN INNOVATIONS —

Indirect Left Turn

FASTER • SAFER • GAS SAVING

HOW THE INDIRECT LEFT TURN BENEFITS YOU ...

A Shorter Wait at Light

- Reduces the amount of time vehicles are stopped at the intersection by 42%.

More Fuel Savings

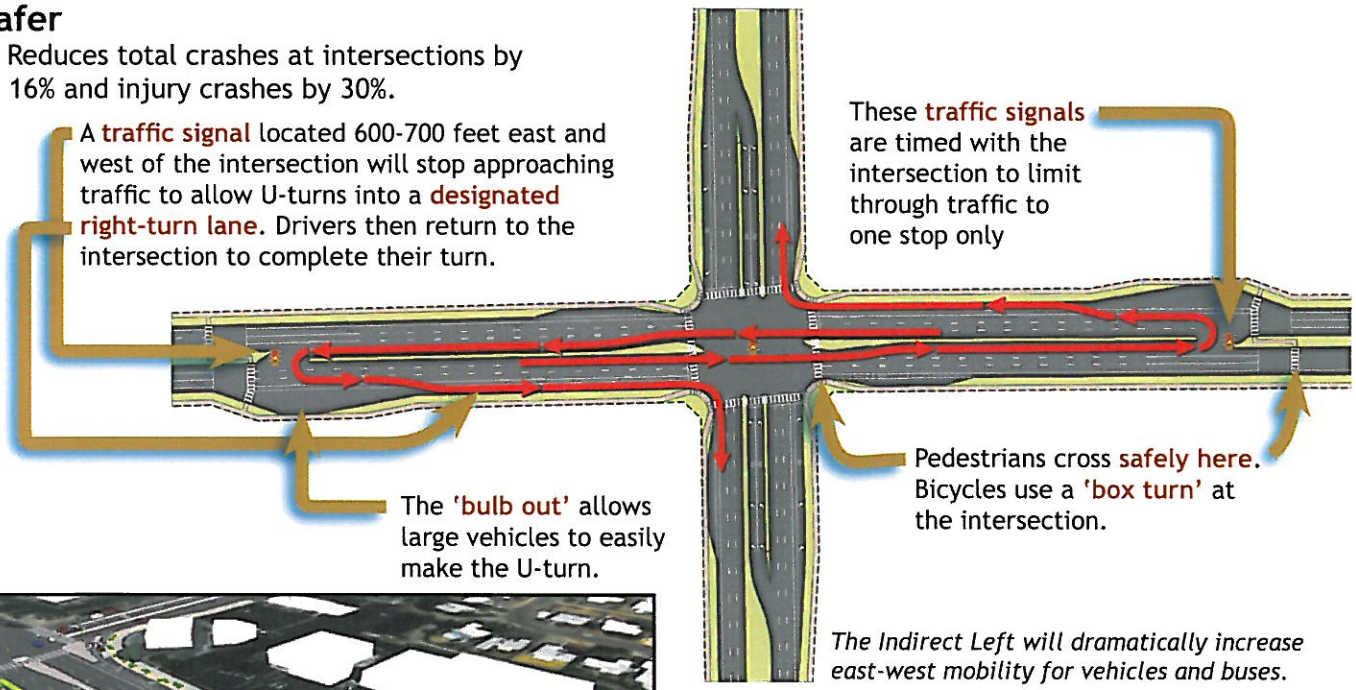
- Reduces fuel consumption by approximately 9% for all vehicles using the intersection.

Safer

- Reduces total crashes at intersections by 16% and injury crashes by 30%.

Smaller Intersections

- Smaller intersection means less right-of-way needed, lower costs, and possibility of preserving existing businesses and reduces the distance pedestrians have to cross by 20 feet.



The Indirect Left will dramatically increase east-west mobility for vehicles and buses.

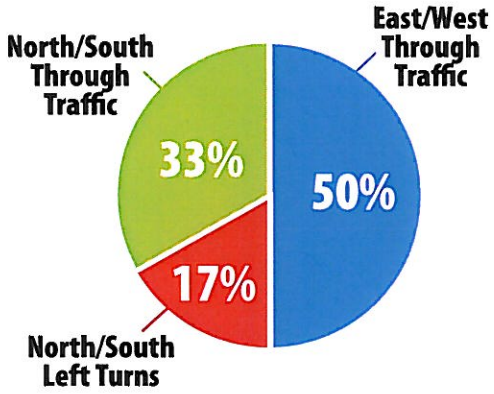
The 'bulb out' allows U-turns for larger vehicles such as buses and semi-trucks.

This is a project of the Regional Transportation Authority. The voter-approved, $2.1 billion RTA plan will be implemented through 2026. Details about the full plan are available at www.RTAmobility.com.
The Regional Transportation Authority has a nine-member board with representatives from local, state and tribal governments. This project will be managed by the City of Tucson.

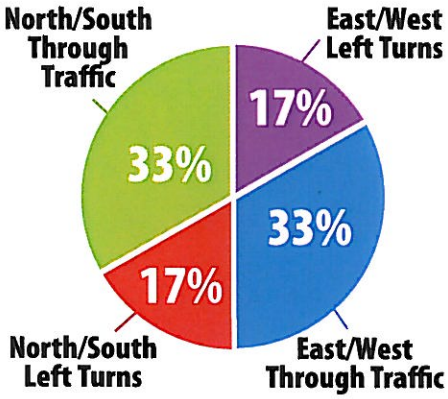
Improving East-West Travel

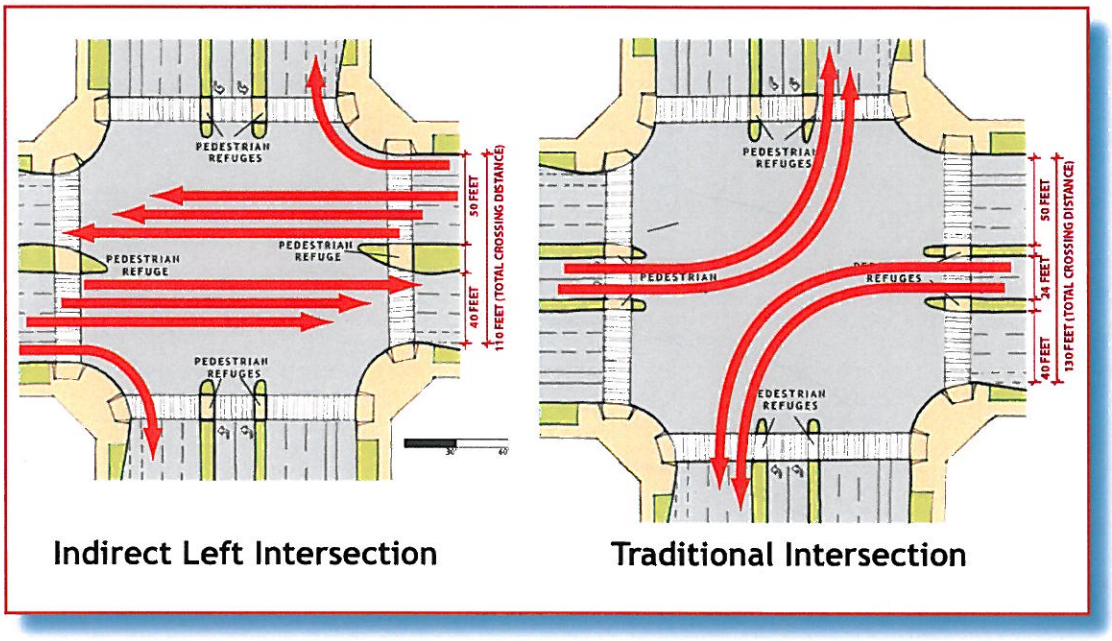
The Indirect Left Turn Intersection Design allows significantly more time to be given to traffic moving east-west along Grant Road.

Indirect Left Turn Traffic Signal Timing



Traditional Traffic Signal Timing





Indirect Left Intersection

Traditional Intersection

The Indirect Left Turn is recommended for seven major intersections along Grant Road:

- Swan Road
- Campbell Avenue
- Oracle Road
- Alvernon Way
- 1st Avenue
- Country Club Road
- Stone Avenue