

Transportation Solutions

Public Transit

Buses

Improve or add more shelters and stop furniture, providing real-time information, and adding pull-out bays, which allow buses to move out of traffic flow at stops.



Bus Rapid Transit (BRT)

Buses that operate in a dedicated lane for most of their route, allowing higher speed service. Benefits include improvements to or additional shelters, providing real-time information, and allowing advance fare payments to shorten boarding times.



Rail Transit

Light Rail



Heavy Rail (Subways)



Commuter Rail



Monorail



Automated Transit



Streetcars



Alternative Solutions

Car Sharing: Allows transit users to rent cars for local trips, which can either be returned to the pick-up station or to another designated location.



Flextime: Employers allow flexible work schedules, such as four 10-hour days, or flexible shifts to reduce the number of vehicles on the road during peak travel periods.

Park and Ride: Parking areas adjacent to transit stations where riders can leave their personal vehicles.



Telecommuting: Employees are allowed to work from home or locations closer to their homes to limit commute time and frequency.

Roadways

New Roads/Widening

Constructing new roadways or widening existing roads to increase the number of lanes.



Managed Lanes

Currently being constructed on I-95 between Miami-Dade and Broward Counties, one or more lanes are converted into "express lanes", meaning that entrance to and exit from the lanes are controlled at specific points. Another example is the proposed reversible lanes on I-595, where the traffic flow will be directional based on demand.

Congestion Pricing

Also being used in the I-95 Managed Lanes project, roadway users are charged a fee/toll, which will vary as traffic conditions change. For example, the more congested the roadway, the higher the toll. The purpose is to encourage travel alternatives such as using public transportation, identifying alternative routes, and ridesharing.

Signal Coordination

Traffic lights along a corridor or within a system are coordinated to ensure optimal traffic flow.

SEARCH FOR A VANPOOL



Ridesharing

Carpooling: Where two or more people ride together.
Vanpooling: Where one person drives a van provided by a transportation agency, and picks up other commuters in their area/along their route, and drops them at their place of work.

Intelligent Transportation Systems (ITS)

Designed to reduce congestion and other problems by alerting drivers of accidents or other road conditions that may cause delays.



Centralized Parking Facilities

Encourages the use of alternative means of travel in congested areas, such as downtowns. Uses parking garages on the edges or in the center of these areas, while other parking in the area is either restricted or metered. Public transit is used to circulate people throughout the area. This typically includes improvements to pedestrian/bicycle facilities.

Pedestrians & Bicycles

Connectivity

Improving pedestrian and bicycle connections throughout the area by constructing new sidewalks and paths or striping roads to include bike lanes.

Urban Design Elements

Reconstructing roadways or adding specific elements to roadways that encourage pedestrian and bicycle use, including:

- ◆ Narrowing vehicular travel lanes to reduce speeds
- ◆ Taking one lane in each direction out of operation and using it for on-street parking or for bicycle and pedestrian facilities or landscaping
- ◆ Providing shade and/or protection from rain by adding awnings to buildings or planting trees
- ◆ Moving parking to the rear or side of buildings to improve access by pedestrians



Bicycle Parking Facilities & Bike Lockers

Offering additional bike racks or large bicycle lockers that provide protection from the elements and are more secure than conventional bike racks.



Shower and Locker Facilities

Particularly in Florida, one impediment to increased walking and bicycling to work is the hot and humid climate. If employers provided showers and changing rooms, more people may be willing to walk or bike to work sometimes.

Innovative Wheeled Alternatives

Communities can provide electric technologies for public rental.

Electricity Charging Stations



Segways



Scoters



Safety & Security

Traffic Calming

- ◆ Roundabouts
- ◆ Speed Tables
- ◆ Radar Speed Signs



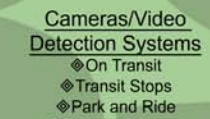
Security Guards

- ◆ On Transit
- ◆ Transit Stops
- ◆ Park and Ride
- ◆ Parking Garages



Cameras/Video Detection Systems

- ◆ On Transit
- ◆ Transit Stops
- ◆ Park and Ride
- ◆ Parking Garages



Traffic Management Cameras

- ◆ Red light crossing detection



Railroad Crossings

- ◆ Improved crossing controls and maintenance

Lighting

- ◆ Pedestrian Areas
- ◆ Streets
- ◆ Transit Stops/Stations



Service Patrols

- ◆ Minimize disruption of incidents and maximize service flow
- ◆ Equipped to handle emergencies



Airport and Seaport Safety and Security Programs

- ◆ Passenger screening
- ◆ Baggage/Cargo screening
- ◆ Operational & management plans

