



DAVID PLUMMER & ASSOCIATES



Short Range Truck Traffic Study For the Airport West Area

Executive Summary



Objective

Develop a set of standards and an implementation plan to better accommodate truck traffic and commercial truckers' needs in the Airport West Area.

Project Flowchart

(Research)

Conduct
Survey



Select
Corridors

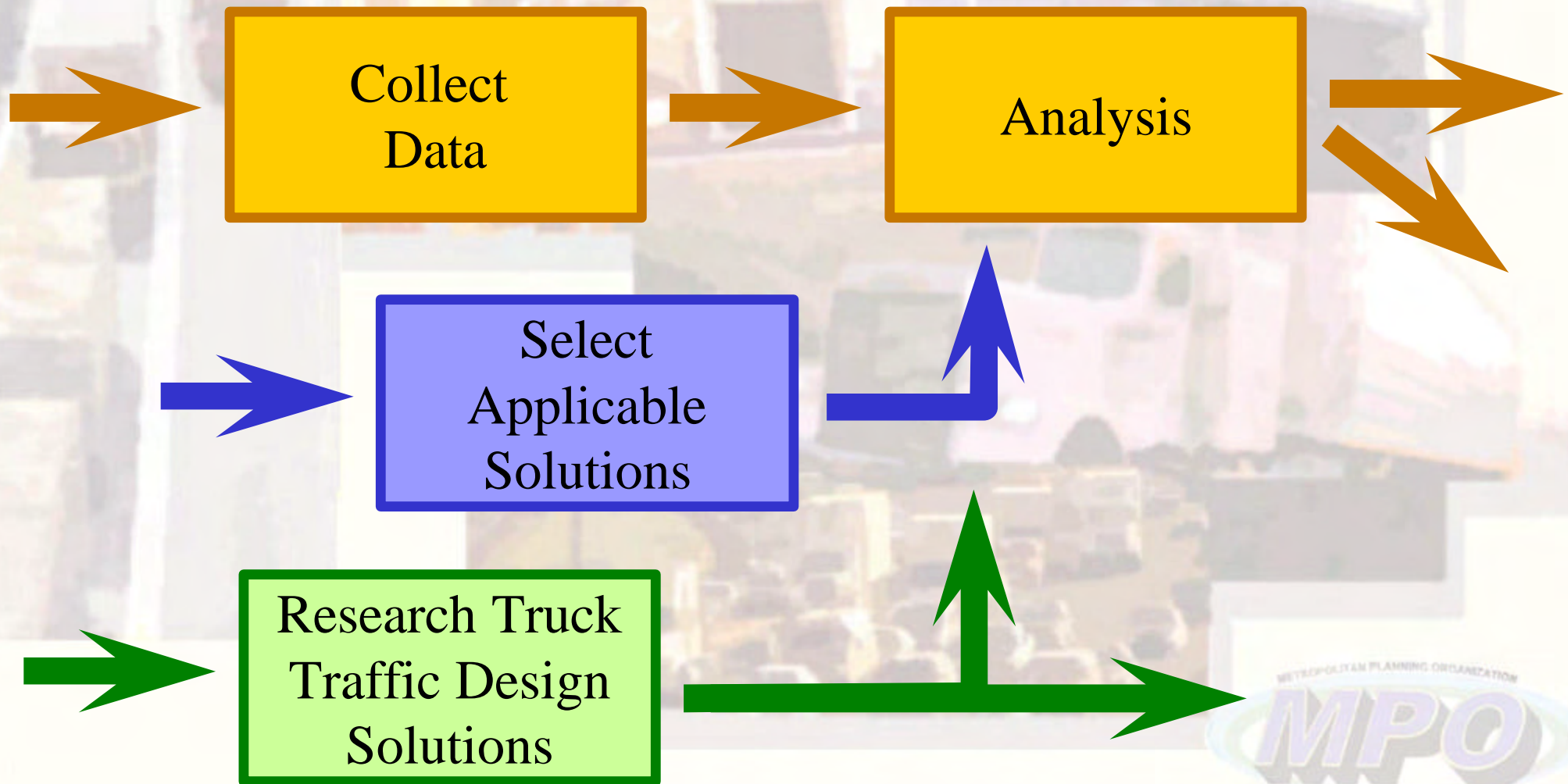


Research
Transferable
Solutions



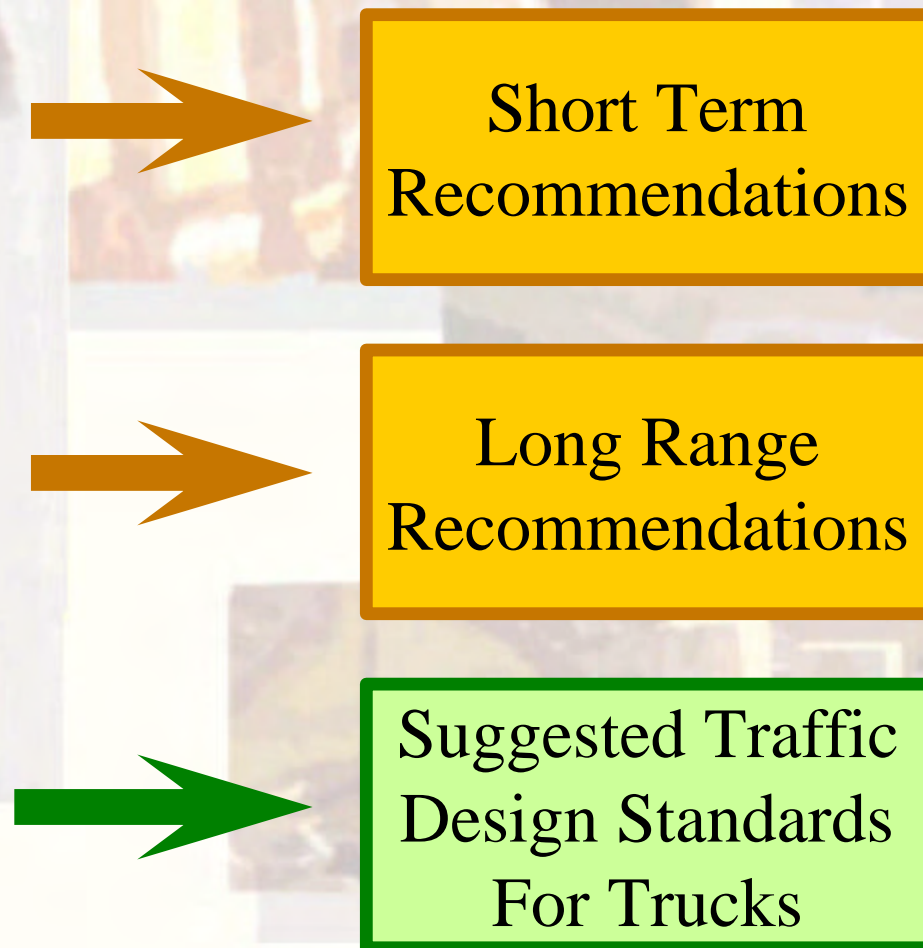
Project Flowchart

(Analysis)

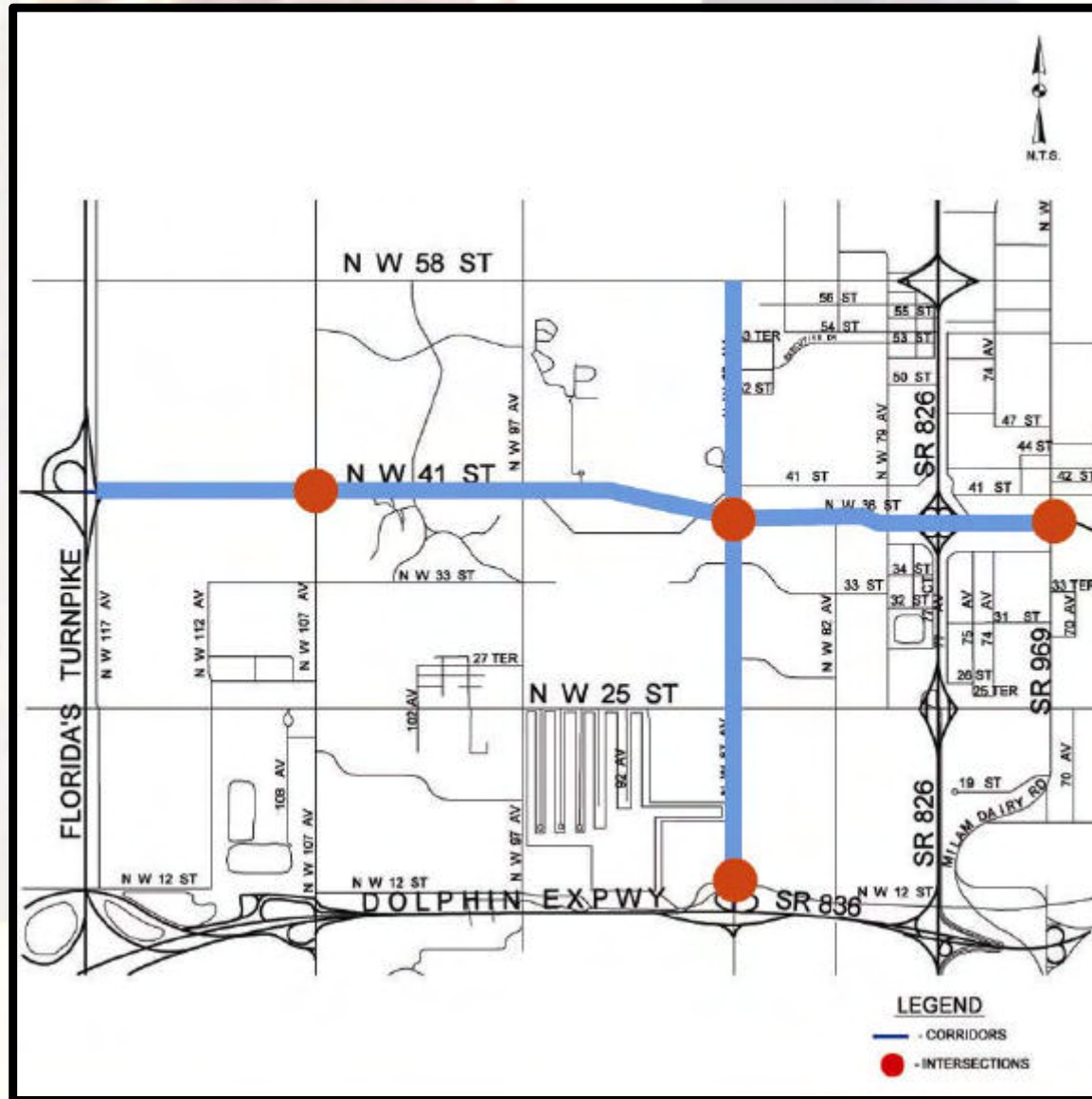


Project Flowchart

(Recommendations)

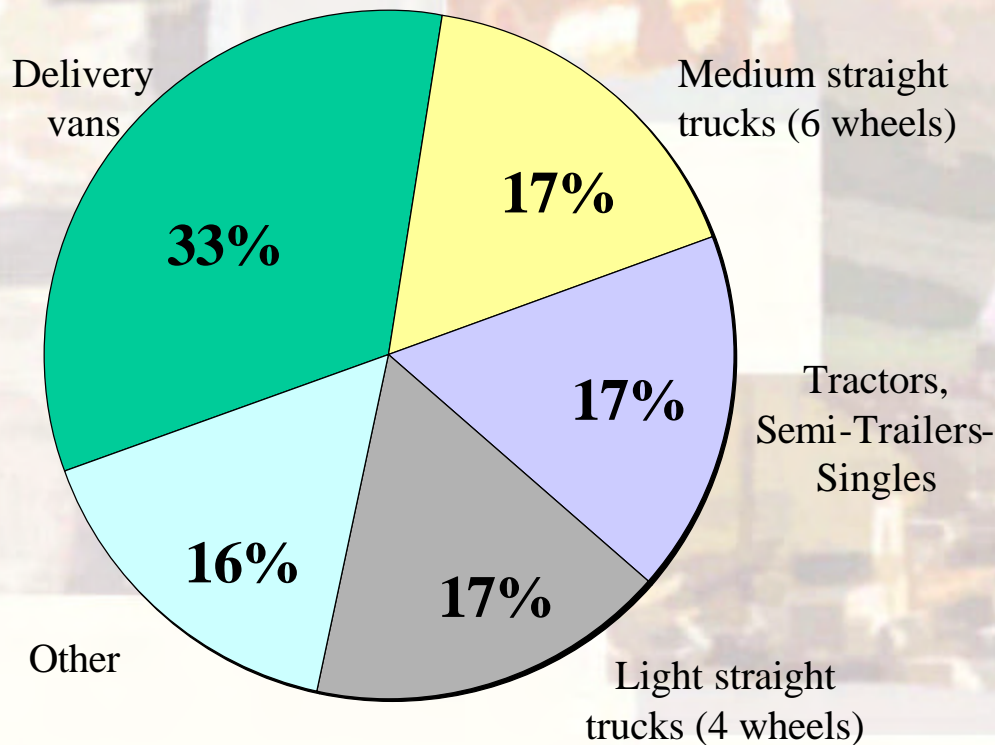


Study Area

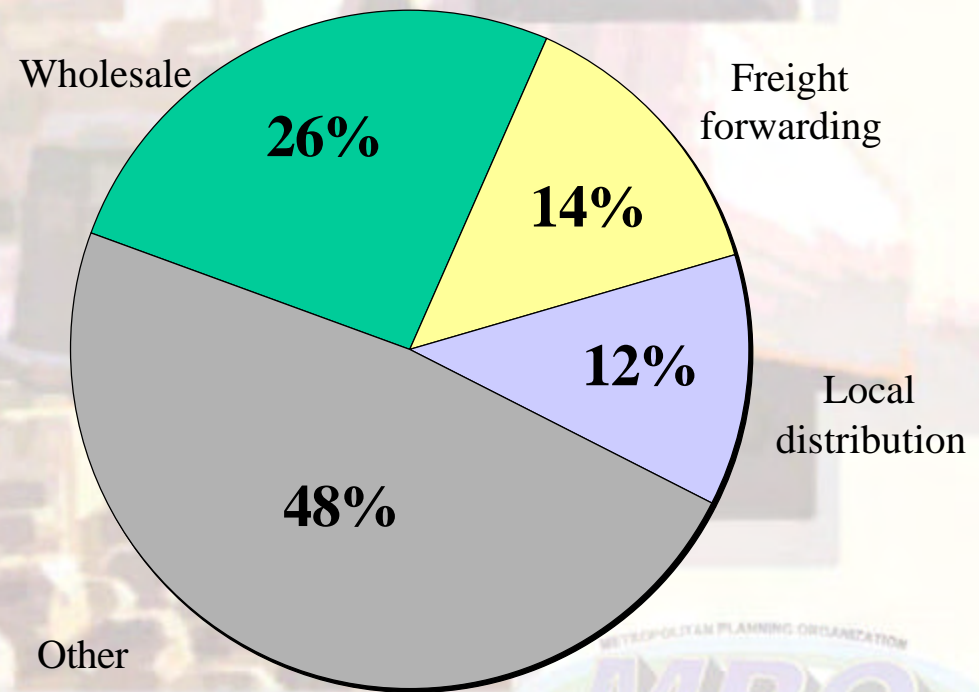


Selected Survey Results (1/3)

What type of truck does your business use?



The type of business conducted by your firm.

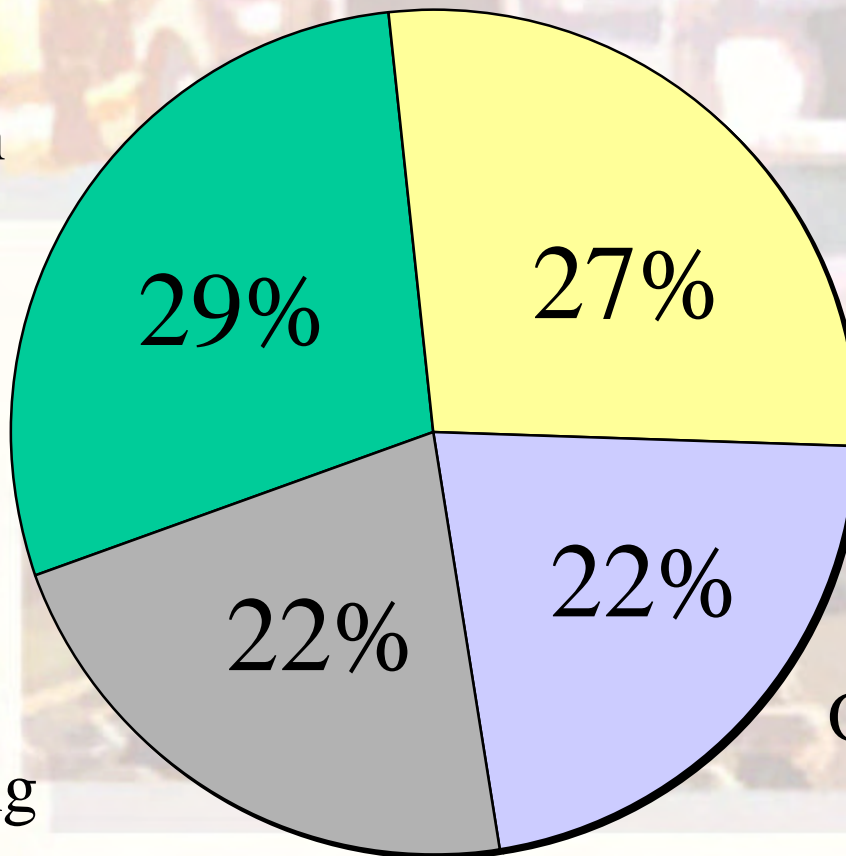


Selected Survey Results (2/3)

When do you most use these area roadways?

Mid-afternoon

Afternoon
rush hour

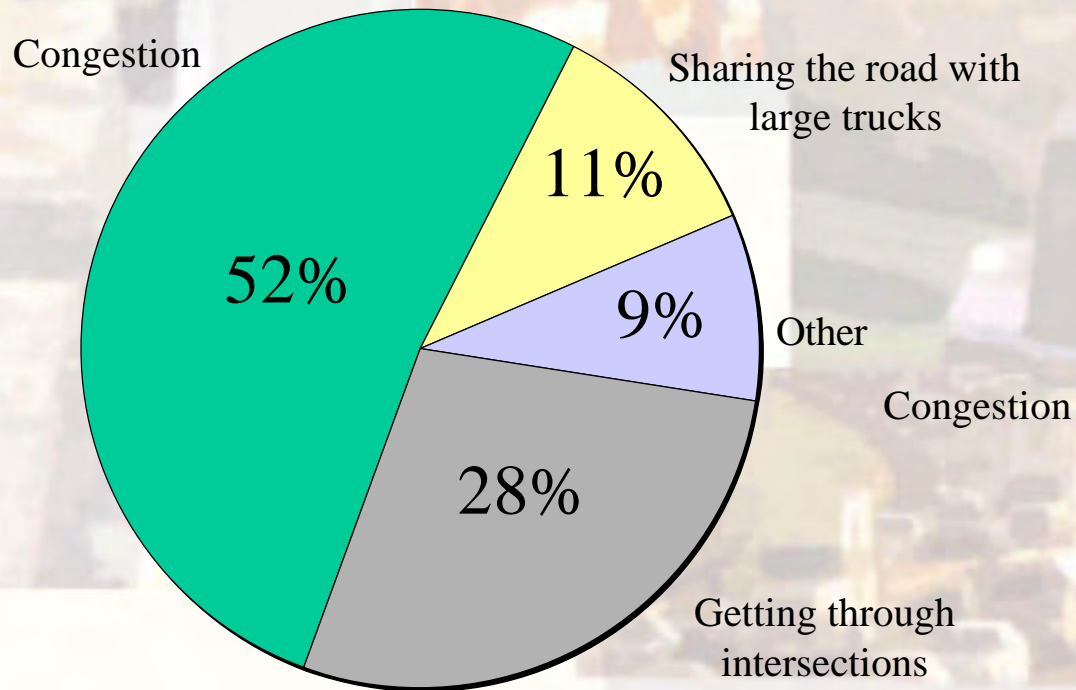


Mid-morning

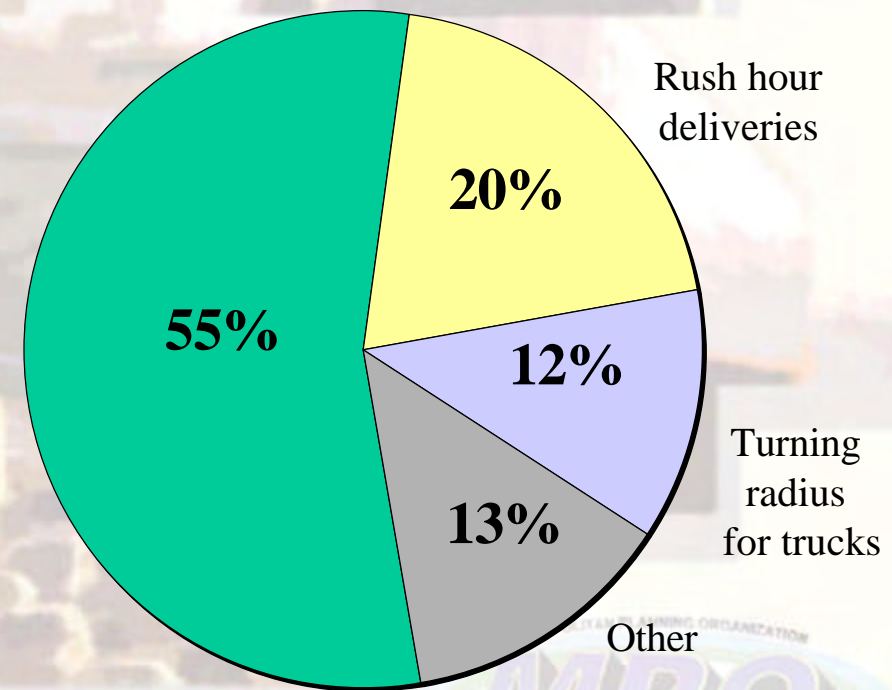
Other

Selected Survey Results (3/3)

The worst AWA problem (for drivers)?



The worst AWA problem (for business)?



Short Term Solutions

- Intersection
- Ridesharing
- Shuttle Service
- Preferential Parking
- Alternative Work Hours
- Telecommuting

Short Term Solutions

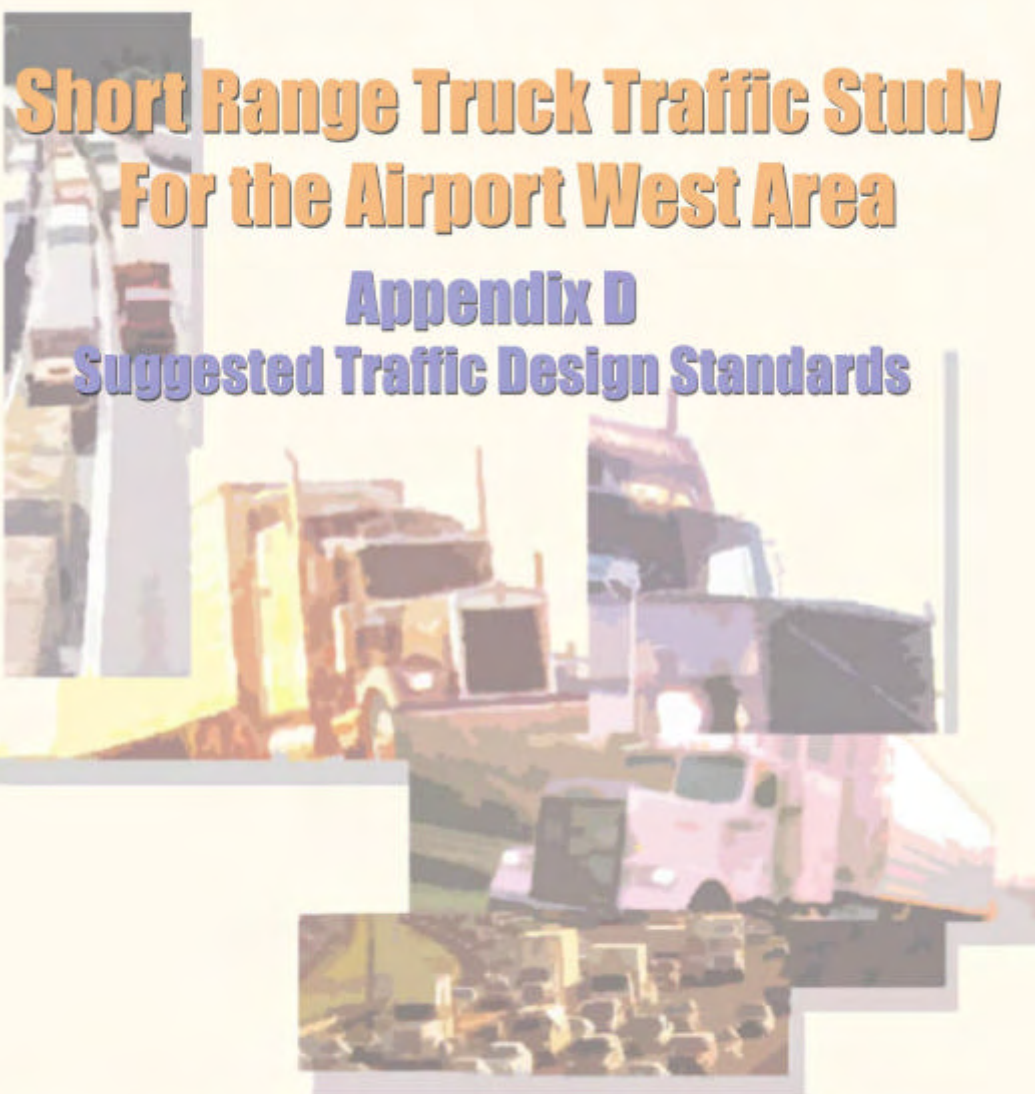
- Signal Re-timing
- Elimination and Relocation of Traffic Signals
- Restriction on Turning Movements
- Access Management
- Incident Management

Long Term Solutions

- **Road Widening**
 - NW 58 Street from NW 102 Avenue to NW 107 Avenue - Widen from 2 to 4 lanes
 - NW 87 Avenue from NW 36 Street to 58 Street - Widen from 4 to 6 lanes
 - NW 107 Avenue from NW 41 Street to 25 Street - Widen from 4 to 6 lanes
 - NW 36/41 Street from NW 42 Avenue to HEFT - (super arterial)
- **Development of Trip Reduction Ordinance**
- **Development of a Super Arterial**

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Appendix D Suggested Traffic Design Standards



Suggested Truck Traffic Design Standards

- Turning Radius
- Curb Returns
- Lane Widths/ Shoulders
- Cul-De-Sac
- Turn Bay Storage
- Driveway Spacing
- Driveway Geometry



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