

# **Master Transportation Plan**

## **Adopted June 13, 2009**

6 Goals

6 Policy Categories

27 Strategic Directives –  
of which 6 apply to Transit

Lots of Potential Measures

# 6 Transit Policy Categories

- Increasing transit service options,
- Improving access to transit services for all,
- Improving transit facilities,
- Creating multi-modal centers for convenient transfers,
- Expanding transit information distribution and marketing outreach, and
- Employing environmentally-sensitive technologies.

# MTP Goals

1. Provide high-quality transportation services
2. Move more people without more traffic
3. Promote safety
4. Establish equity
5. Manage effectively and efficiently
6. Advance environmental sustainability

# 1. High-Quality Transportation

- Fast, Frequent & Reliable Primary Transit Network service
  - Criteria: 15 Minute Frequencies over 18 Hour Service Span, Every Day
    - Measure: % of (designated) route miles with that level of service.

# 1. High-Quality Transportation

- Neighborhood access with Secondary Transit Network feeder/connector service
  - 90% of Arlington residents live within a 30-minute transit ride to all major transfer and activity centers

## 2. Move more People without more Traffic (Encourage Use)

- PTN: Achieve 35 passengers per revenue hour during peak hours and 15 passengers per off-peak revenue hour
- STN: Maintain a minimum of 12 passengers per revenue hour on all secondary transit routes.

## 2. Move more People without more Traffic (Increase Capacity)

- Achieve peak period transit mode split of 33% by 2030
- Provide sufficient service capacity so that there are no pass-ups during normal service conditions and regular loadings are less than 125% of seated capacity.
- *One-Way Route Miles (Times) Peak Direction Trips per Hour*

### 3. Promote Safety: Minimize Rates of Injuries & Accidents

- *Incidents per 100,000 Miles*
  - *Only NTD Reportable*
  - *All Incidents, but only “Chargeable”?*



## 4. Establish Equity (Title VI)

- *Compare Census Tracts by Demographics*
  - *Ethnicity*
  - *Income*
  - *Seniors & People with Disabilities*
- *Compare Frequency of Service & Route Coverage*

## 5. Manage Effectively and Efficiently

- PTN: Maintain a minimum 35% farebox recovery ratio
- STN: Maintain a minimum 20% farebox recovery ratio

## 6. Advance Environmental Sustainability

- Track the fuel consumption (as measured in BTUs) of transit vehicle operations and seek to annually reduce fuel usage per revenue passenger carried.
- Track ozone precursor and greenhouse gas emissions related to transit operations and annually reduce emissions.

# Strategic Directives: Enhance Regional Connections.



# Strategic Directives: Support Transit-Oriented Mixed-Use Development

- *Commercial Rent per Square Foot*
- *Commercial and Residential Occupancy Rates*
- *Jobs/Acre within ½ Mile of Transit*

# Non-MTP Criteria: VDRPT Proposed Measures

- *Rides per Revenue Hour*
- *Rides per Revenue Mile*
- *Cost per Revenue Hour*
- *Cost per Revenue Mile*

# Non-MTP Criteria: Manage Assets & Maintain State of Good Repair

- *Road Calls per 100,000 Miles*
- *Average Fleet Age (divided by) Average Vehicle Lifespan (in months)*
- *Mean Distance between Failure*

# On-Time Performance

– Fixed Route:

0 Minutes Early - 5 Minutes Late at major time points

Paratransit: (STAR)

Pick-Up: 0 Minutes Early - 10 Minutes Late;

Drop-Off – (not measured currently)



# Non-MTP Criteria: Paratransit/Rideshare Focus

- *Unduplicated Riders*
- *Annual Boardings (divided by) Unduplicated Riders*
- *Testimonials*

# Thanks

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