



Arlington Public Schools
Transportation Demand Management Master Plan
DRAFT Scope of Work

General highlights



- Solid assessment of **current practices, policies, costs, etc.**
- **Multiple stakeholders** involved (APS, County, Community)
- **Cost/benefit** analysis
- Program **goals and objectives**
- **Performance targets** (division-wide)
- TDM Master Plan
 - **New/Revised policies, programs and practices**
(transportation, personnel, facilities and operations)
 - **Budget**
 - **Individual school TDM plan development** processes
(capacity-building and non)
 - Criteria for **new school site selection**

DRAFT Scope of Work



Task 1 – Kick off and Project Management

Task 2 – Existing Conditions and Baseline Data Collection

Task 3 – State of the Practice Research

Task 4 – Define Program Goals and Performance Targets

Task 5 – Recommend Criteria for New School Site
Selection

Task 6 – Refine Strategies and Develop the APS TDM
Master Plan

Task 7 – Communications Strategy Recommendations

Task 2: Existing Conditions and Baseline Assessment



- **Self-reported travel modes** (new, expanded surveys)
- **APS data on travel modes**, including bus ridership
- **Existing costs for school transportation** (including parking, school bus, etc.)
- **Existing conditions for multimodal access** (all schools)
- **Previous and current APS TDM activities and expenditures**
- **Existing County programs and APS usage rates**

Four trip categories



- 1. APS staff** (to and from schools and division offices)
- 2. APS students** (school bus, private vehicle, walk, bike, public transportation)
- 3. APS “shared” students and staff** (between schools)
- 4. Delivery/support vehicles**

Additional outcomes from Task 2



- Potential **categorization of schools** based on current multimodal access opportunities
- Calculate **estimated greenhouse gas emissions** (school travel)
- Identify **barriers and opportunities** to increase walking, bicycling, school bus and transit use
- Identify **opportunities to increase use** of existing County programs

Task 3: State of the Practice Research



- **Brief literature review** – School Division TDM or similar
- **Existing TDM programs** applicable to APS
- **Case studies**
- **Possible matrix of strategies** (effectiveness, cost, etc.)

Task 4: Define Program Goals and Performance Targets



- **Cost/benefit analysis** of various possible mode shift scenarios
- **Facilitated discussions** with stakeholders
- Draft **program goals and objectives**
- Develop **performance targets**

Task 5: Recommend Criteria for New School Site Selection



- Review of **existing school siting criteria and practices**
- Recommend **additional criteria to support multimodal travel**
- Work sessions to **refine and prioritize**
- **Final recommendations** for school siting criteria (part of TDM Master Plan)

Task 6: Refine Strategies and Develop APS TDM Master Plan



- Draft – **Unconstrained strategies**
- Clarify **Personnel and Budget Impacts**
- **Refine/Prioritize** (multiple stakeholder groups)
- Draft **TDM Master Plan**
 - New/Revised division-wide policies, programs and practices – multiple departments)
 - Budget
 - Individual school TDM plan development processes (capacity-building and non)
 - Criteria for new school site selection

Schedule Milestones – 2013



- Kick off meeting – June 2013
- Existing Conditions/Baseline Data:
 - Complete late October 2013
 - Presentations begin December 2013
- State of Practice Research
 - Complete late August 2013
 - Presentations September 2013
- Criteria for New School Site Selection
 - Complete late December 2013

Schedule Milestones – 2014



- Program goals/Objectives/Performance Targets
 - Complete late March 2014
- Refine Strategies
 - Draft programs/strategies: Complete early March 2014
 - Presentations on programs/strategies: March/April 2014
- Develop TDM Master Plan
 - Draft complete early May 2014
 - Presentations May/June 2014
 - Final TDM Master Plan: Complete late June 2014