



Route 1 Multimodal Alternatives Analysis: Technical Advisory Committee Meeting

September 25, 2013

Agenda

1. INTRODUCTIONS

2. UPDATES

Briefings with elected officials
Public Meeting: October 9th
Outreach activities

3. DRAFT WORK PRODUCTS

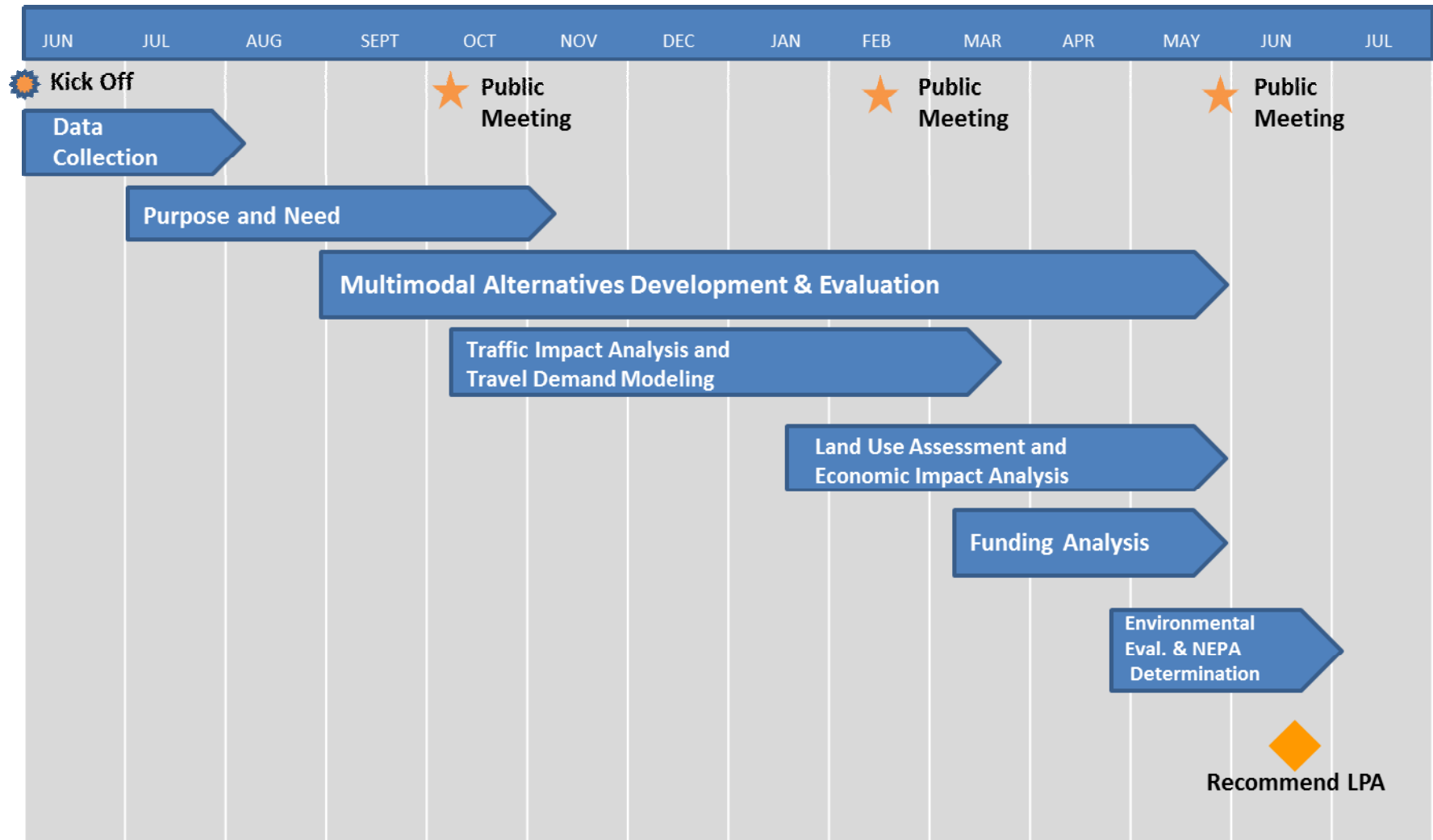
Draft Purpose and Needs Statement
Draft Needs Assessment
Draft Evaluation of Alternatives Methodology

4. MATERIALS FOR PRESENTATION AT PUBLIC MEETING

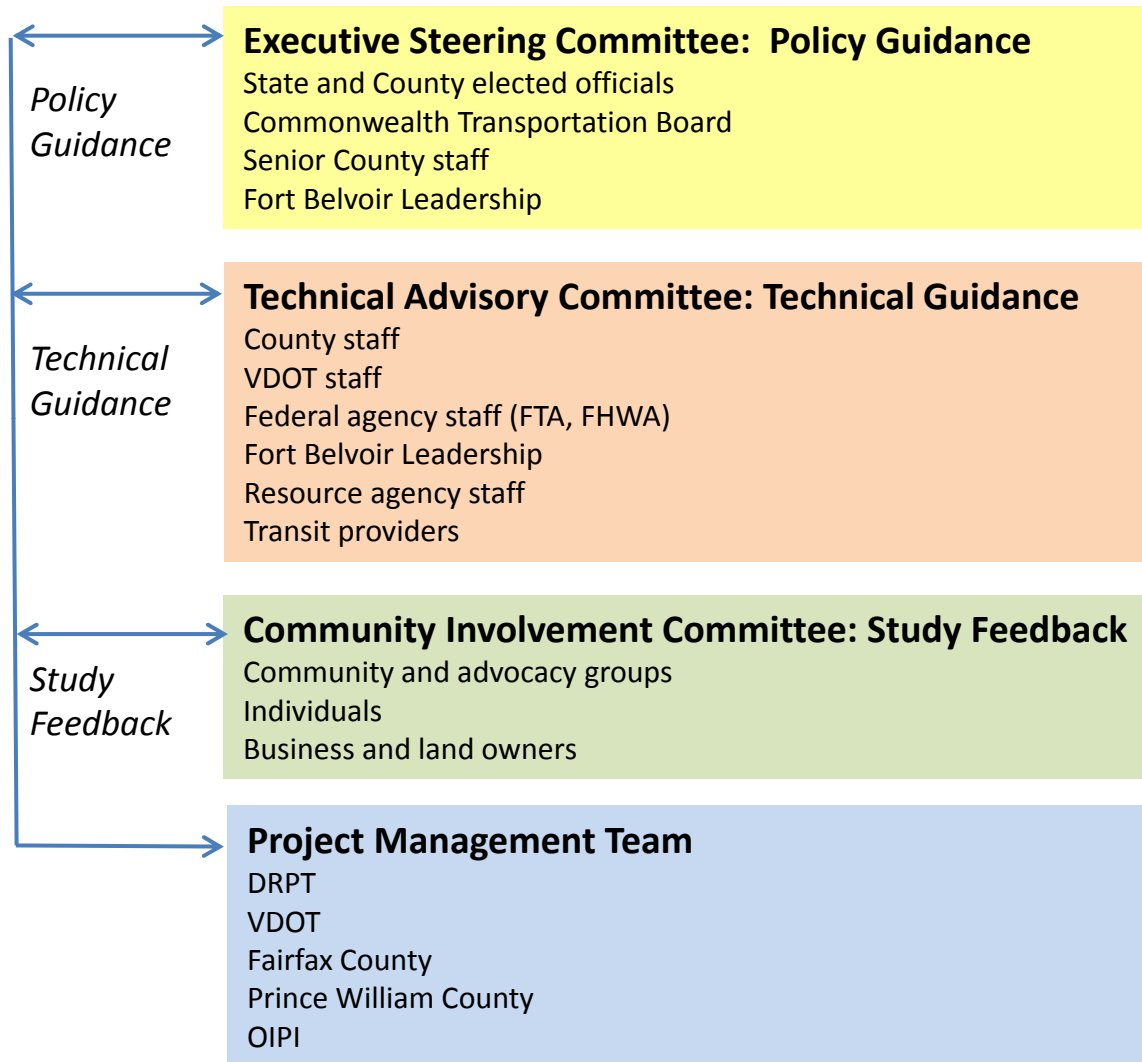
Presentation
Open house stations and boards

5. SCHEDULE AND NEXT STEPS

Project Schedule



Project Organization: Committee Roles



Upcoming Meetings

Technical Advisory Committee (TAC)

September 25, 10:00 am to noon
South County Government Center

Community Involvement Committee (CIC)

September 30, 4:00 to 6:00 pm
Mt. Vernon Government Center

Public Meeting

October 9, 6:00 to 8:00 pm
South County Government Center

Executive Steering Committee (ESC)

November 14, 3:30 to 5:00 pm
South County Government Center



Briefings with Elected Officials

Supervisor Hyland	9/5/13
Delegate Surovell	9/9/13
Senator Puller	9/10/13
Supervisor McKay	9/18/13
Supervisor Principi	10/1/13



Public Meeting

Time

Wednesday, October 9
6:00 to 8:00 pm

Location

South County Government Center (Room 221),
8350 Richmond Highway, Alexandria, Virginia 22309



Format

- Open house (15 min)
- Presentation (30 min)
- Q&A (15 min)
- Facilitated visits to open house “stations” (45 min)

Community Events (Sept)

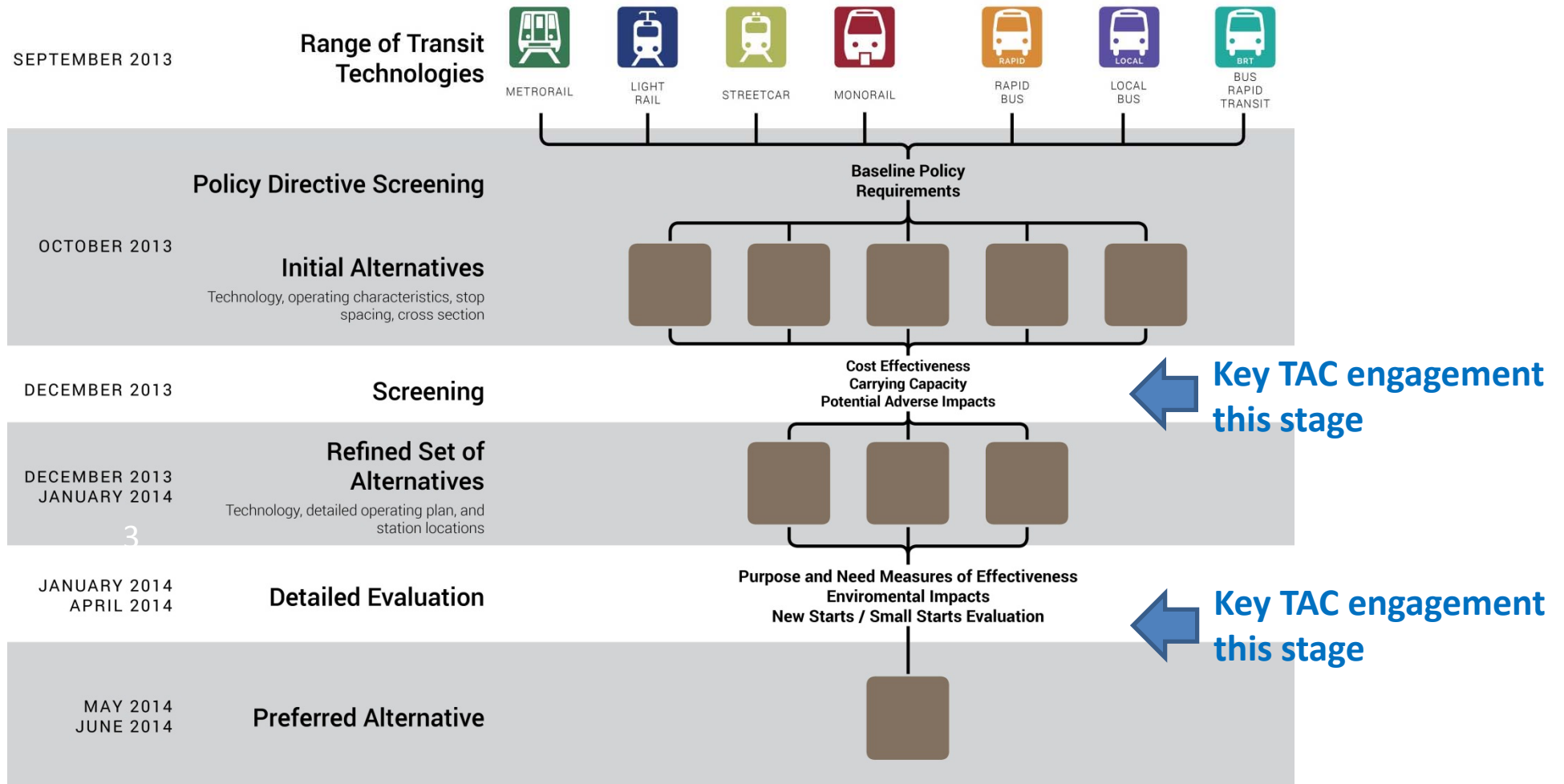
~ September 2013 ~						
◀ Aug 2013						Oct 2013 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11 6pm Hayfield Middle School Back to School 6pm Route 1 Widening Meeting	12 6pm Potomac Communities Design Wksp	13	14
15	16	17 6:30 Woodley Hills ES B2SN	18	19 6:30 pm Walt Whitman MS B2SN	20	21 9am-12pm Lee District Community Resource Fair
22	23	24 6:30pm Groveton ES B2SN	25 8-10am Vibrant Streets Summit 6:30pm Riverside ES Back to School 10:30 TAC Meeting	26 7pm Gunston ES B2SN	27	28
29	30 Community Involvement Committee Meeting (4-6)	Notes: Meetings in orange are awaiting permission / details Meetings in purple require Spanish translator				

Community Events (Oct)

◀ September	~ October 2013 ~						November ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
		1	2 8am-12pm Mount Vernon Farmers Market 11:30am VIC mtg UCM church	3 7-9pm West Potomac HS Back to School	4	5 8am-12pm Occoquan Farmers' Market, Occoquan	
6 9am-1pm Lorton Farmers Market, Lorton	7	8	9 6-8pm <i>Public Meeting #1</i>	10	11	12	
13	14	15	16 8am-12pm Mount Vernon Farmers Market	17	18	19 11-5 Mt Vernon-Lee Chamber Commerce Celebration!	
20	21	22	23	24	25	26	
27	28	29	30	31	Notes: Meetings in orange are awaiting permission / details Meetings in purple require Spanish translator		



Evaluation of Alternatives Methodology



Purpose and Needs Statement

GOAL 1: Improve multimodal travel options

GOAL 2: Improve safety; increase accessibility

GOAL 3: Increase the economic competitiveness and vitality of the corridor

GOAL 4: Protect and improve community, health and the environment

Goals and Objectives

Goal	Objectives
<p>Goal 1: Improve multimodal travel options</p>	<ul style="list-style-type: none"> • Improve transit to reduce travel times and increase frequency, reliability, and attractiveness. • Improve access to jobs, workers and opportunities generally, and for minority and low-income populations specifically. • Increase comfort, connectivity, and attractiveness of bicycle and pedestrian networks to and along the corridor. • Integrate with existing (and planned) transit systems and services.

Goals and Objectives

Goal	Objectives
Goal 2: Improve safety; increase accessibility	<ul style="list-style-type: none">• Provide accessible pathways to and from transit service and local destinations.• Reduce modal conflicts.• Improve pedestrian crossings.• Improve traffic operations.• Reduce congestion

Goals and Objectives

Goal	Objectives
Goal 3: Increase the economic competitiveness and vitality of the corridor	<ul style="list-style-type: none">• Increase and improve connectivity to regional activity centers.• Encourage and support compact, higher density, mixed use development consistent with local plans, policies and economic objectives.• Increase public and investor confidence in delivery and sustainability of new transit investments.

Goals and Objectives

Goal	Objectives
Goal 4: Protect and improve community, health and the environment	<ul style="list-style-type: none">• Minimize impacts on private property and historic and natural resources.• Expand opportunities for more and affordable housing near high quality transit.• Reduce energy consumption and greenhouse gas emissions.• Increase opportunities for “active transportation.”

Purpose and Needs Statement: Input from TAC Members

Discussion: How do the proposed goals and objectives reflect agency policies and priorities?



Goals, Objectives, and Measures

Small Group Discussions:

TAC members to provide feedback on the draft MOEs

- How will these measures provide for comparison among alternatives?
- What measures have TAC members seen applied successfully on other projects?

Look-ahead Schedule: Upcoming work products

- November-December 2013
 - Updated Purpose and Needs Statement
 - Updated Evaluation of Alternatives Methodology Report
 - Land Use Assessment Methodology
 - Ridership Forecasting Methodology Report
 - Definition of Alternatives Report
- January-February 2014
 - Traffic and Transportation Report
 - Ridership Forecasts
- March-April-May 2014
 - Evaluation of Alternatives Results
 - Land Use Assessment and Economic Analysis
 - Funding Analysis

Upcoming TAC Meetings

<u>TAC Meeting</u>	<u>Public Meeting</u>	<u>Tentative Agenda:</u>
September 25	October 9, 2013	<ul style="list-style-type: none"> • Purpose and need, goals and objectives • Initial set of alternatives • Alternatives screening process
December 2013 – January 2014	February 2014	<ul style="list-style-type: none"> • Refined alternatives • Forecasting results • Land use assessment
April 2014	May 2014	<ul style="list-style-type: none"> • Environmental scan • Financial analysis • Evaluation of alternatives • Recommendation for Locally Preferred Alternative

APPENDIX



Goal	Objectives	MOEs
<p>Goal 1: provide improved non-automobile travel options</p>	<ul style="list-style-type: none"> • Improve transit to reduce travel times and increase frequency, reliability, and attractiveness. • Improve access to jobs, workers and opportunities generally, and for minority and low-income populations specifically. • Increase comfort, connectivity, and attractiveness of bicycle and pedestrian networks to and along the corridor. • Integrate with existing (and planned) transit systems and services. 	<ul style="list-style-type: none"> • Travel time [between key origin/destinations within the corridor] • Time savings to select Regional Activity Centers • Running time standard deviation • Transit Frequency [peak, off-peak] • Transit capacity/hr [peak, off-peak] • Mode split • # of transit-dependent households accessible to high quality transit • Average income of riders • # or percentage of “choice riders” • Pedestrian accommodation • Bicycle level of service • # of transit subsidies processed • Number of jobs accessible by transit within 60 minutes • Population with walk access to transit within ¼ mile (street centerline distance) • Walkability index • Person-trip capacity [peak, off-peak] • % increase in non-SOV facilities • Connections to Metro / connections to local bus



Goal	Objectives	MOEs
Goal 2: Increase safety and accessibility	<ul style="list-style-type: none"> • Provide accessible pathways to and from transit service and local destinations. • Reduce modal conflicts. • Improve pedestrian crossings. • Improve traffic operations. • Reduce congestion 	<ul style="list-style-type: none"> • Estimated crash rates • Sidewalk connectivity • System connectivity • Intersection density / crosswalk frequency • Average width of pedestrian crossings • Forecasted bicycle use • Multimodal LOS • Potential intersections with transit signal priority

Goal	Objectives	MOEs
<p>Goal 3: Increase the economic competitiveness and vitality of the corridor and its residents</p>	<ul style="list-style-type: none"> • Increase and improve connectivity to regional activity centers. • Encourage and support compact, higher density, mixed use development consistent with local plans, policies and economic objectives. • Increase public and investor confidence in delivery and sustainability of new transit investments. 	<ul style="list-style-type: none"> • # of jobs accessible within 60 minutes • Population accessible within ½ mile of station • EJ population within ½-mile of transit (network distance) • Transit-dependent population within ½-mile of transit • Development potential within ½ -mile of transit stop • Estimated land value benefit • Support to local land use vision plans • Construction related jobs • Estimated new retail/commercial jobs within ½ mile of transit station

Goal	Objectives	MOEs
Goal 4: Protect and improve community, health and the environment	<ul style="list-style-type: none"> Minimize impacts on private property and historic and natural resources. Expand opportunities for more and affordable housing near high quality transit. Reduce energy consumption and greenhouse gas emissions. Increase opportunities for “active transportation.” 	<ul style="list-style-type: none"> Right of way expansion required Impact on environmental resources Impact on historic resources Potential to increase housing supply within ½ mile of transit station Market rate and affordable units within ½ mile of transit Estimated mode shift from roadway to transit/NMT Change in total emissions of EPA criteria pollutants Estimate indirect changes in VMT resulting from more compact development Estimated reduction in fuel consumption