Draft Strategies
Summary Document

October 2020

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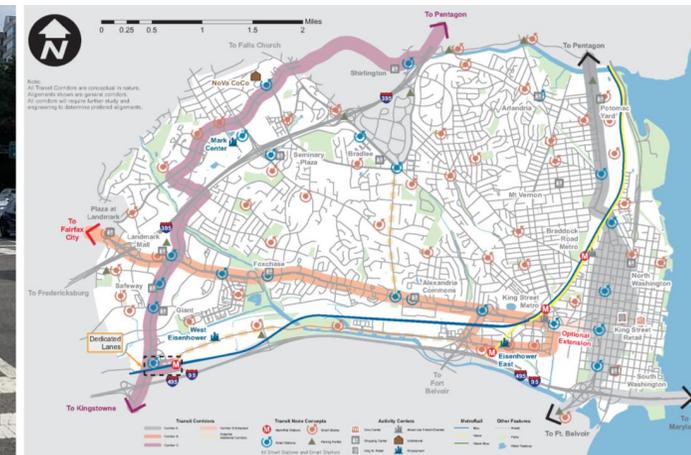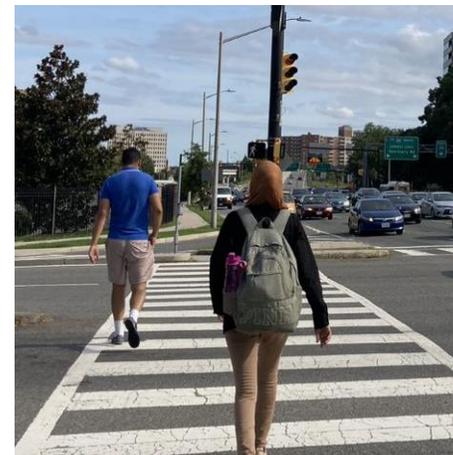
Plan Overview

Focus of the Alexandria Mobility Plan

- Policies and strategies to more effectively implement City transportation policies and plans

ALEXANDRIA Transit Vision
Your City. Your Transit Network.

2020

ECO-CITY ALEXANDRIA

2019 EAP2040

ALEXANDRIA Smart Mobility

Age Friendly Plan For A Livable Community

2018

VISION ZERO
SAFER STREETS FOR ALEXANDRIA

ALEXANDRIA COMPLETE STREETS DESIGN GUIDELINES

2017

HOUSING MASTER PLAN

2013

- Addressing needs that have not been addressed in existing policy
  - Congestion management
  - Cut-through traffic
  - New modes and encouraging use of non-SOV travel
  - Transit infrastructure and policy

Plan Components

Vision
What we want for Alexandria

Guiding Principles
Broad philosophies that encompass the City's beliefs and values

Policy
Method to direct decision-making towards a stated vision

Strategy
Specific and achievable initiative and/or project that supports accomplishment of the vision and guiding principles

WE ARE HERE

Action
Trackable step toward implementing a recommendation

Key Performance Indicator (KPI)
Specific measures of our guiding principles which help us track progress

Primary Location within Document

Plan Overview Chapter

Chapter-Specific

Appendix

Vision: Safe, seamless, and connected mobility options foster a thriving Alexandria for all

Guiding Principles: *ACCESS* Alexandria

Accessible – Alexandria will work to make its transportation network easily accessible for users of all ages and abilities.

Connected – Alexandria's transportation system will take you where you want to go seamlessly by leveraging technology and integrating transportation and land use.

Convenient – Alexandria will provide a transportation system with high-quality mobility options that are reliable, frequent, proximate, and comfortable.

Equitable – Alexandria acknowledges that there are disparities in neighborhoods and populations in the City that have been historically underserved. Alexandria will be targeted, inclusive, and intentional in addressing gaps in mobility options available, their quality, and safety.

Safe – Alexandria will eliminate all traffic deaths and serious injuries by 2028.

Sustainable – Alexandria will prioritize low-carbon mobility options and reduce automobile dependency.

Policies

Method to guide decision-making to achieve the guiding principles; articulation of how we do business.

- Based on existing policies, plans and practices
- Incorporating best practices for implementation
- Overarching + Chapter-specific

Strategies

Specific and achievable initiative and/or project that supports accomplishment of vision and guiding principles, consistent with all relevant policies.

- Generated from public engagement, best practices and staff input
- Designed to advance one or more policies
- **Focus of this outreach phase**

Inputs into Strategies & Policies

AMP

Guiding Principles

Interdepartmental Work Group

Best Practices

Advisory Committee

Public Input

Alexandria Mobility Plan

Existing Policies & Plans
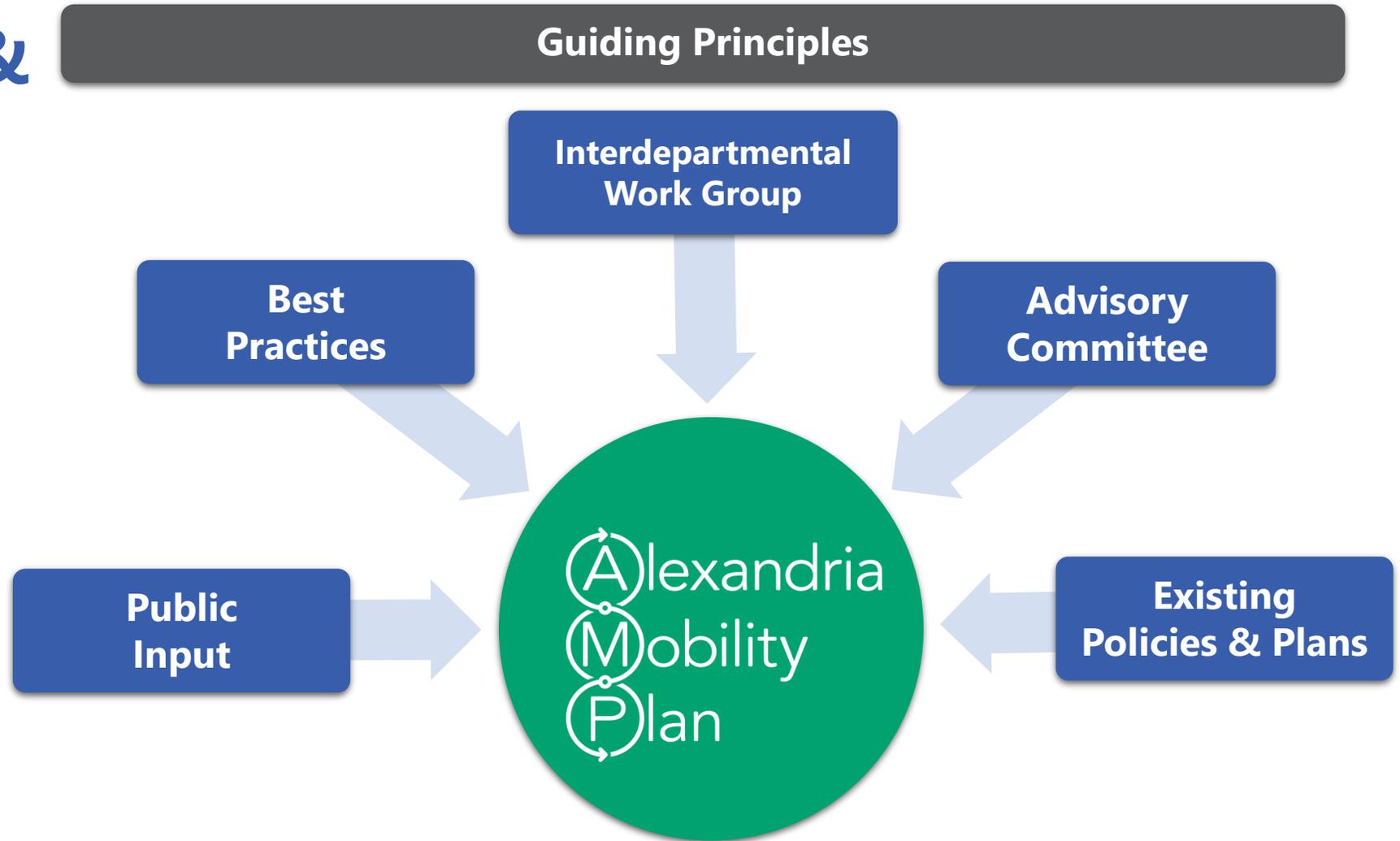
Overarching Policies

For decision-making and implementation

Overarching Policies for Decision-Making and Implementation

The City of Alexandria will:

- Apply an **equity** focus to all City actions

- Make our transportation network **flexible** and **adaptable** to factors such as climate change, pandemics, and technological advancements.

- Be **proactive and data-driven** in decision-making.

- Develop **partnerships** that advance shared goals to serve the community.

Equity in the Plan

The City of Alexandria will:

- Apply an **equity** focus to all City actions (cont.)
  - Institute a framework to weigh equity as an overarching component in all major decision-making
  - Establish a common definition for equity in Alexandria and prioritize projects accordingly

Plan Chapters
Overview

The Plan will be organized into the following five chapters:

- Transit
- Smart Mobility
- Streets
- Supporting Travel Options
- P Curb Space and Parking

Alexandria
Mobility
Plan

Transit

How the City improves its DASH bus service, DOT paratransit service, and works with the region to improve Metro service

Identified Needs & Opportunities

The City has made progress on the Transitway corridors from the 2008 Transportation Master Plan, but the need for improved transit in these and other high capacity corridors still exists.

The Alexandria Transit Vision addressed frequent citizen complaints about the lack of a frequent, all day network; but the City needs to work towards full implementation.

Lack of information, customer comfort, and safe access to transit cited as barriers to usage.

Fares pose an obstacle for some for using transit.

Interest in on-demand service opportunities.

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Transit
Policies

| Policies *The City of Alexandria will...*		Strategies *That support policies*	
Prioritize transit service enhancements and initiatives that provide more useful transit service in areas with the largest numbers of people who will be able to benefit from it.	✓ T1 ✓ T2 ✓ T3 ☐ T4	☐ T5 ☐ T6 ☐ T7 ☐ T8	
Seek to increase ridership by reducing or eliminating barriers to taking transit.	✓ T1 ✓ T2 ✓ T3 ✓ T4	✓ T5 ✓ T6 ✓ T7 ✓ T8	

Transit
Strategies

- **T1.** Implement the City's Priority Transitway Corridors and Alexandria Transit Vision (ATV)

- **T2.** Identify speed and reliability improvements on congested and transit-rich corridors.

- **T3**. Enhance the rider experience at bus stops.

- **T4**. Evaluate fare policy and next generation payment options.

- **T5**. Evaluate micro-transit solutions to complement traditional DASH service as a means to expand ridership.

- **T6**. Create a more resilient and customer-oriented bus fleet.

- **T7**. Prepare for future rail (VRE/MARC) expanded service.

- **T8**. Evaluate and streamline paratransit program for increasing needs.

Strategy T1.
Implement the City's Priority Transitway Corridors and Alexandria Transit Vision (ATV).
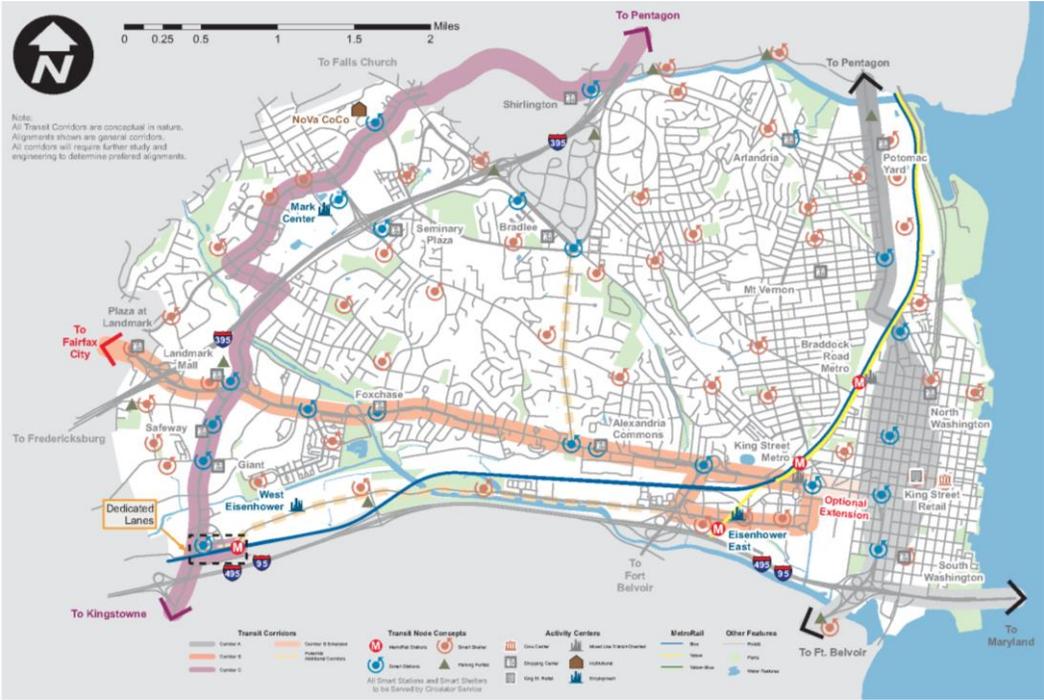
- Extend and realign the Metroway through North Potomac Yard.

- Design and construct the West End and Duke Street Transitways.

- Invest in more bus drivers, buses and facilities, and access improvements to transit.

What it means for you:
- Improved transit **access** to major destinations
- Enhanced **connections** between bus and rail
- More **convenient** transit options beyond rush hour to attract new ridership
- Access to frequent, all-day transit for 89% of low-income residents and 87% of minority residents
- **Safer** access to transit
- Making more **sustainable** options more attractive

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Strategy T2.
Identify speed and reliability improvements on congested and transit-rich corridors.

- Evaluate transit signal priority, queue jumps, HOV lanes.

- Consider near-term pilot projects for speed and reliability improvements on the Transitway corridors in advance of full implementation.

ALEXANDRIA
Smart Mobility

ECO-CITY ALEXANDRIA

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Transit Vision
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What it means for you:
- More **convenient**, faster travel for all roadway users, especially higher-occupancy modes
- Greater **equity** for bus riders
- Improved **sustainability** by making bus travel more efficient and attractive

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Strategy T3.
Enhance the rider experience at bus stops.

- Ensure all bus stops are fully accessible.

- Consider opportunities to improve access to bus stops through sidewalk improvements, bike parking, and accessible curb ramps.

- Expand offering of bus stop amenities including shelters, real time signage, seating, lighting and natural amenities to improve comfort and make people feel safer.

- Develop standards for appropriate bus amenities at different types of locations in partnership with the region.

What it means for you:
- Improved **access** to transit for people of all ages and abilities
- More **connected**, **comfortable**, and **convenient** waiting environments
- **Safer** waiting environments
- More **equitable** distribution of amenities

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Strategy T4.
Evaluate fare policy and next generation payment options.

- Complete Low-Income Fare Pass Study

- Determine whether the DASH fare structure is helping to attain City goals to improve equity and increase ridership

- Coordinate with regional partners on assessing, designing and implementing next generation payment options, including contactless payment and off-board fare collection.

What it means for you:
- More **convenient** payment structure and methods to speed up boarding and increase ridership
- Improves **access** to transit for low-income populations
- **Safer** payment methods

Strategy T5.
Evaluate micro-transit solutions to complement traditional DASH service as a means to expand ridership.

- Explore opportunities for micro-transit as a first-last mile and 24-hour mobility solution when traditional transit is unavailable.

- Coordinate with Alexandria's Department of Community and Housing Services on micro-transit options for seniors.

- Identify partnership opportunities and conduct pilots of potential service models.

- Pursue electric micro-transit fleet options.

Source: visitanaheim.org

ALEXANDRIA
Smart Mobility

What it means for you:
- Improved **access** for seniors and communities beyond the reach of traditional transit
- More **convenient** travel options
- Improved **sustainability** by promoting transit and shared, electric rides

Strategy T6.
Create a more resilient and customer-oriented bus fleet.

- Add Automatic Passenger Counters to all existing vehicles for improved ridership data and decision-making.

- Upfit the existing fleet to improve the health and safety of drivers and passengers during the pandemic and beyond (enable rider notifications of bus crowding, add driver partitions, improve air flow).

- Build in options for storage for strollers/groceries.

- Stay up to date with real time tracking and bus priority technology.

Source: DASH

What it means for you:
- More **accessible** transit for people of all ages and abilities
- More **convenient** service that meets your needs.
- Better information with more **connected** transit
- Improved on-board **safety**

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Strategy T7.
Prepare for future rail (VRE/MARC) expanded service.

- Improve the ease of transferring between King Street Metro and Alexandria Union Station.

- Ensure that mobile payment systems are compatible between WMATA, VRE, MARC, and DASH.

- Identify potential gaps in DASH service for existing or potential rail customers, or opportunities for improved marketing to rail customers.

Alexandria Union Station on vre.org

What it means for you:
- Improved **access** to transit
- Improved **connections** between rail and transit
- More **convenient** travel
- Improved **sustainability** with increases in transit ridership

ALE ANDRIA
Transit Vision
Your City. Your Transit Network.

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Strategy T8.
Evaluate and streamline paratransit program for increasing needs.

- Understand data and trends for paratransit and prepare service for increased demand.

- Identify opportunities to improve cost-effectiveness for long-term program sustainability.

- Explore partnerships with micro-transit or on-demand service providers to eliminate advance scheduling and large scheduling windows.

Age Friendly Plan
For A Livable Community

What it means for you:
- Improved **access** to destinations
- More **convenient** travel
- More **equitable** service levels

Smart Mobility

How we incorporate technology into our transportation system

Identified Needs & Opportunities

🔍

The City's Smart Mobility Framework laid out comprehensive strategies, but not priorities

Smart mobility can address traffic flow and safety without costly changes to the roadway

Partners are often needed to help expand the City's capabilities

Technology changes happen quickly and the City must be prepared

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Smart Mobility
Policies

Policies *The City of Alexandria will...*	Strategies *That support policies*
Use technology to optimize operations for safe, efficient travel on City streets.	✓ SM1 ✓ SM2 ✓ SM3 ✓ SM4
Proactively plan for emerging and future transportation technologies to ensure that we can leverage innovation to meet our safety and efficiency goals.	☐ SM1 ☐ SM2 ✓ SM3 ✓ SM4

Smart Mobility
Strategies

- **SM1.** Upgrade capabilities of the Traffic Management Center (TMC) to more effectively manage congestion and traffic incidents in real-time.

- **SM2.** Expand implementation of smart signal technology to enable detection and real-time signal adjustments based on travel conditions.

- **SM3**. Strategically invest in partnerships to expand City data, technology, and communications capabilities.

- **SM4.** Develop protocols and polices to accommodate autonomous vehicles and ensure that their adoption will support City goals.
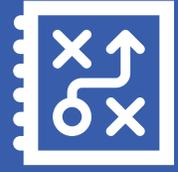
Strategy SM1.
Upgrade capabilities of the Traffic Management Center (TMC) to more effectively manage congestion and traffic incidents in real-time.

- Implement automated interactive central conditions map to improve traffic visualizations.

- Expand coverage of closed-circuit television cameras.

- Improve communications with other TMCs.

- Incorporate resiliency and redundancy measures in the event of a failure, including a virtual back up.

ALEXANDRIA
Smart Mobility

What it means for you:

- A more **connected** traffic incident response system.

- More **convenient** travel with shorter incidents

- Improved **safety** with quicker incident response

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Strategy SM2.
Expand implementation of smart signal technology to enable detection and real-time signal adjustments based on travel conditions.

- Enable vehicle, bicycle, and pedestrian detection for more responsive signal timing.

- Integrate transit and emergency vehicle pre-emption.

- Accommodate improved data collection.

What it means for you:

- More **convenient** travel with **connected** and better-timed traffic signals

- Improved **safety** with pedestrian and bicycle detection and emergency vehicle preemption

VISION **ZERØ**
SAFER STREETS FOR ALEXANDRIA

ALEXANDRIA
Smart Mobility
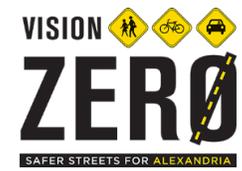
Strategy SM3.
Strategically invest in partnerships to expand City data, technology, and communications capabilities.

- Explore platforms to integrate mobility data and decision-making, and improve user access to information.

- Develop a template for evaluating partnership opportunities.

- Allocate necessary resources to leverage data from partnerships.

Waze for Cities Data

Helping cities manage traffic for millions of drivers in real time and make better infrastructure decisions

Alexandria has joined the WAZE for Cities Program, enabling access to more detail and more residents access to information about traveling in the City.
Source: Waze

ALEXANDRIA Smart Mobility

What it means for you:

- More **connected** citizens with better access to data

- More **convenient** travel with more information in one place

- Improved **safety** with better mobility management

Strategy SM4.
Develop protocols and polices to accommodate autonomous vehicles and ensure that their adoption will support City goals.

- Prepare for autonomous vehicles by developing maintenance and infrastructure plans to ensure street readiness.

- Identify opportunities to promote shared, electric implementation to reduce potential for increased emissions and congestion.

- Consider pilot projects to evaluate effectiveness.

What it means for you:

- Support for more **convenient** ways to travel

- Improved **safety** through preparedness

- Greater **sustainability** with successful adoption of shared, electric model

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Streets

How the City designs, measures, and manages our streets
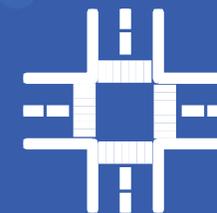
Identified Needs & Opportunities

🔍

Congestion and regional cut-through traffic cited as a significant issue in our community
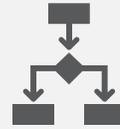
Greater clarity desired about how the City makes decisions about streets

Equity considerations in making decisions based on resident requests versus data and in enforcement

The City is implementing the Vision Zero Action Plan, a comprehensive approach to make Alexandria streets safer

AMP

Streets
Policies

Policies		Strategies	
Policies *The City of Alexandria will...*		**Strategies** *That support policies*	
Seek to build out a network that considers the many competing needs of our streets – one of our most valuable public spaces – in a manner that is responsive to the nature of the street and what surrounds it.		✓ S1 ✓ S2 ✓ S3	✓ S4 ✓ S5
Pursue a multi-faceted approach to reduce cut-through traffic burdening our streets and neighborhoods.		✓ S1 ✓ S2 ✓ S3	☐ S4 ☐ S5
Prioritize the use of data, particularly crash data, crash risk, and traffic safety in decision-making to eliminate serious injuries and fatalities.		☐ S1 ✓ S2 ☐ S3	☐ S4 ✓ S5
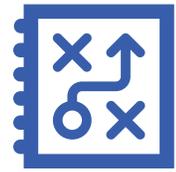
Streets
Strategies

- **S1.** Implement a criteria-based traffic mitigation program that helps better manage congestion and traffic on local streets.

- **S2.** Maximize effectiveness of multimodal transportation impact studies for new developments.

- **S3.** Work with regional, state, and private sector partners to develop tools to keep traffic on highways and reduce regional cut-through traffic.

- **S4.** Update the City's Street Design Guidelines to incorporate current design practices.

- **S5.** Ensure planning initiatives that require enforcement promote more equitable outcomes.

Strategy S1.
Implement a criteria-based traffic mitigation program that helps better manage congestion and traffic on local streets.

- A traffic mitigation program will outline procedures to target cut-through traffic, traffic congestion, and traffic calming.

- Each traffic issue has its own set of tools and appropriate locations.

- Data components include traffic measures, street context, and comprehensive outreach.
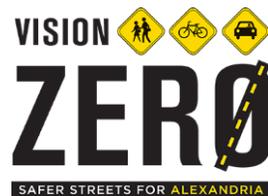
Source: WTOP -Facebook/Nadine Zuidema

What it means for you:

- Improved travel **convenience** on local streets

- More **accessible** neighborhoods

- **Safer** streets for all users

- **Equitable** implementation through data-informed decisions

VISION ZERØ
SAFER STREETS FOR ALEXANDRIA

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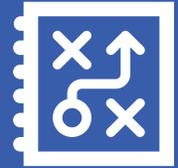
Strategy S2.
Maximize effectiveness of multimodal transportation impact studies for new developments.

- Update guidance for developers to better reflect City goals and best practices from around the country.

- Ensure proper consideration of all users through improved methods for measuring service levels and safety impacts on our transportation network.

- Encourage methodologies and mitigation measures that place higher priority for local users rather than regional trips through the
City to help reduce cut-through traffic.

- Require improved data collection on implementation.

VISION
ZERØ
SAFER STREETS FOR ALEXANDRIA

**Age Friendly Plan
For A Livable Community**

Eco-City Alexandria

ALEXANDRIA
COMPLETE STREETS
DESIGN GUIDELINES

What it means for you:
- Helps identify better multimodal improvements and improve **access**
- Maintains travel **convenience** for all users when new developments occur
- Addresses **safety** considerations of healthy forms of transportation that sometimes get overlooked, enhancing **sustainability**
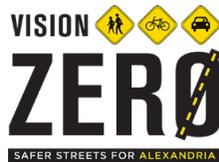
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Strategy S3.
Work with regional, state, and private sector partners to develop tools to keep traffic on highways and reduce regional cut-through traffic.

- Utilize variable messaging systems to use real time travel comparisons to promote HOT lanes.

- Evaluate pricing strategies that promote highway travel versus travel on local streets.

- Support other strategies that will make travel on highways more efficient.

- Explore signal timing as a tool to keep regional traffic on highways.

ALEXANDRIA
Smart Mobility

What it means for you:
- Improved **convenience** of travel on City streets with less traffic
- Improved **sustainability** by encouraging alternatives to driving

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Strategy S4.
Update the City's Street Design Guidelines to incorporate current design practices.

- Consider adjustments and improve explanations of street types to better convey context appropriate improvements for different types of streets.

- Clarify emergency response needs in street design.

- Better define expectations for developers and the community.

- Ensure latest information and emerging practices are included.

ALEXANDRIA COMPLETE STREETS DESIGN GUIDELINES

Age Friendly Plan For A Livable Community

VISION **ZERO**
SAFER STREETS FOR ALEXANDRIA

What it means for you:
- Better **access** through clearer expectations for street design
- Improved **connectivity** with more refined transportation – land use connections
- Enhanced **safety**

ALEXANDRIA COMPLETE STREETS DESIGN GUIDELINES
Alexandria Department of Transportation + Environmental Services

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Strategy S5.
Ensure planning initiatives that require enforcement promote more equitable outcomes.

- Seek engineering, education, and encouragement approaches where feasible.

- Pursue legislative measures to allow camera enforcement in strategic locations.

- Partner with Alexandria Police Department to identify strategies for enforcing traffic laws in a manner that protects vulnerable road users and ensures equitable outcomes.

What it means for you:
- Enhanced **safety**
- Greater consideration of **equity** for all

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Supporting Travel Options

How the City encourages alternatives to driving alone

Identified Needs & Opportunities

The Environmental Action Plan 2040 goals to reduce vehicle miles traveled and increase the share of non-auto modes requires improved education and encouragement

Lack of familiarity referenced frequently as an impediment to using new modes

Improving the Transportation Management Plan program is a great opportunity to better manage demand at a site level

Supporting Travel Options
Policies

Policies			
Policies *The City of Alexandria will…*	**Strategies** *That support policies*		
Allocate resources to **increase the attractiveness of sustainable mobility options** using **evidence-based practices** that have demonstrated the greatest effectiveness at reducing congestion, increasing sustainability, and improving public health.	✓ O1 ✓ O2 ✓ O3	✓ O4 ✓ O5 ✓ O6	✓ O7 ✓ O8
Encourage **continued telework** and **flexible schedules** in the region as an effective strategy for reducing congestion and emissions.	☐ O1 ☐ O2 ☐ O3	☐ O4 ☐ O5 ☐ O6	✓ O7 ☐ O8
Collect and use **data** to understand how to target expanding mobility options for **non-commute trips**.	☐ O1 ✓ O2 ☐ O3	✓ O4 ☐ O5 ✓ O6	☐ O7 ☐ O8
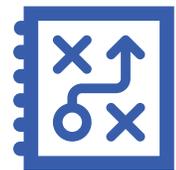
Supporting Travel Options
Strategies

- **O1.** Expand programs to identify community influencers to help the City encourage alternatives to driving alone.

- **O2.** Develop a framework for pilots that can be used for testing new modes, infrastructure, or initiatives.

- **O3.** Expand use of real-time information in public and private spaces to raise awareness and improve confidence in different mobility options.

- **O4.** Develop travel training program to provide hands on experience on taking a new (to you) way of traveling.

- **O5.** Support first/last mile travel needs through implementation of mobility hubs.

- **O6.** Utilize our waterways as a resource to expand transportation options.

- **O7.** Improve Transportation Management Plan (TMP) Program by requiring data and incorporating flexibility.

- **O8.** Evaluate benefits and efficiencies of a future regional program to manage congestion.

Strategy O1.
Expand programs to identify community influencers to help the City encourage alternatives to driving alone.

- Continue to pursue evidence-based practices for empowering employers and property managers to develop programs to encourage alternatives to driving alone.

- Target additional community influencers including religious leaders, schools, and community based organizations to promote program goals for both commute and non-commute trips.

- Pursue strategies to provide transportation benefits and incentives for lower-income workers, who generally have less access to transportation benefits.

What it means for you:

- Expanded **access** to transportation options

- More **equitable access** to transportation benefits

- A more **sustainable** City

ECO-CITY ALEXANDRIA
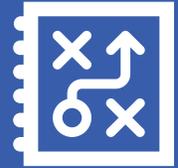
Strategy O2.
Develop a framework for pilots that can be used for testing new modes, infrastructure, or initiatives.

- Create standards for appropriate use of pilots, timeframes, public process, and opportunities to make adjustments.

- Build upon lessons learned from the dockless mobility pilot and national best practices.

- Promote framework to ensure transparency in pilot execution.

ALEXANDRIA Smart Mobility

ECO-CITY ALEXANDRIA

What it means for you:

- Improved **access** for all users with standards in place

- More **convenience** by testing and making adjustments in response to experience

Strategy O3.
Expand use of real-time information in public and private spaces to raise awareness and improve confidence in different mobility options.

- Expand use of screens with real time information of nearby mobility options on City property (rec centers, bus stops).

- Ensure information on all options is available in one place (transit, bikeshare, car share, ride share).

- Work with businesses and property owners to add real time screens to visible locations.

Eco-City Alexandria

Age Friendly Plan
For A Livable Community
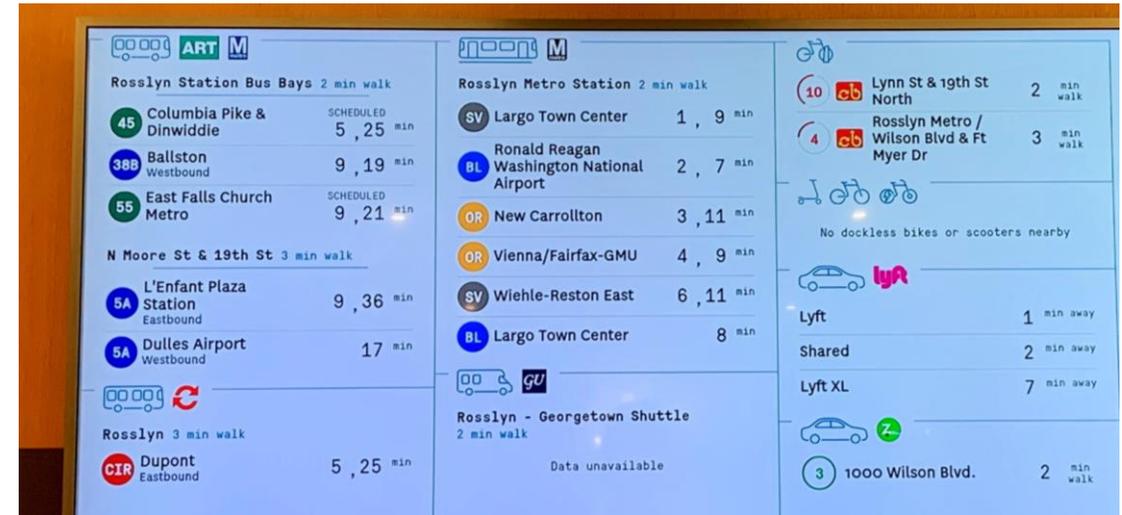
What it means for you:

- Improved **access** by removing information barriers

- More **connected** options with information all in one place

- Greater **convenience** and **reliability** when you know when your bus will arrive

- Improved **sustainability** by increasing use of non-auto modes when viable
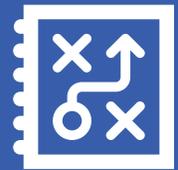
Strategy O4.
Develop travel training program to provide hands on experience on taking a new (to you) way of traveling.

- Include a program for both transit and micro-mobility (bikeshare, scooters, the next new thing).

- Partner with non-profits or other service providers.

- Consider targeted programs or strategies for different groups, such as seniors, persons with limited mobility, youth, and new residents.

Source: https://www.mtm-inc.net/

Age Friendly Plan
For A Livable Community

ECO-CITY ALEXANDRIA

What it means for you:
- Reduced barriers to **access**
- Greater **convenience**
- More **equitable** outcomes
- Improved **sustainability**

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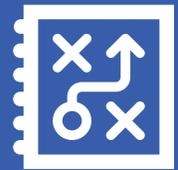
Strategy O5.
Support first/last mile travel needs through implementation of mobility hubs.

- Develop a scalable framework to accommodate a range of sizes of mobility hubs in strategic locations around the City.

- Incorporate elements to improve navigation for all users of the site.

- Focus on traditionally underserved communities and strategic locations to address first/last mile travel needs.

Source: City of Minneapolis

What it means for you:

- Improved **access** to where you want to go

- Better **connections** between modes of transportation

- Improved **convenience** with more central transfers

- Improved **equity** by focusing on areas with a greater need

ALEXANDRIA Smart Mobility

Eco-City Alexandria

Strategy O6.
Utilize our waterways as a resource to expand transportation options.

- Partner with regional bodies who are pursuing such services, such as the Northern Virginia Regional Commission's effort to connect Woodbridge and DC.

- Evaluate new water transportation routes and services for commute and trips, errands, or entertainment.

- Explore integration with other modes.

Source: Hornblower.com

What it means for you:

- Better **access** by water to different destinations

- Improved **connectivity** to places you want to travel

- More **convenience** by avoiding traffic

ECO-CITY ALEXANDRIA

Strategy O7.
Improve Transportation Management Plan (TMP) Program by requiring data and incorporating flexibility.

- Support more effective and transparent data collection and analysis efforts.

- Require allocating funds responsive to trends or changes in the data.

- Enable improved comparisons between pre-development transportation impact analysis and actual transportation impacts.

- Explore opportunities to better achieve City goals through the TMP.

Eco-City Alexandria

What it means for you:

- Helps identify better **access** improvements

- Improved transportation and land use **connections**

- More flexible use of funding to promoting options that are more **convenient**

- Greater **sustainability** with a more effective program

Strategy O8.
Evaluate benefits and efficiencies of a future regional program to manage congestion.

- Coordinate with neighboring jurisdictions and regional entities to explore unifying local transportation demand management programs into a more comprehensive regional effort.

- Evaluate costs and benefits of a such an approach.

- Consider regional promotion of targeted solutions, such as telework incentives or a regional congestion pricing program, or a regional contract for TDM program management.

Source: Northern Virginia Transportation Commission

What it means for you:
- A more **connected** region with improved coordination of options
- More **convenient** travel

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Curb Space and Parking

How we regulate parking and manage the public's curb space

Identified Needs & Opportunities

Competing demands for curb space

Challenges of feeling personal ownership over curb space

Lack of unified policy to guide decision-making

Perception (while not always true) that parking is hard to find in certain areas

Understanding that excessive parking availability generates more traffic

Curb Space and Parking
Policies

Policies *The City of Alexandria will…*	Strategies *That support policies*
Use parking policy to achieve broader city goals related to housing affordability, sustainability, and congestion.	✓ P1 ✓ P2 ✓ P3
Treat all curb space as a public asset that should be allocated in an equitable manner for its highest and best use, appropriate for the specific location, time of day and time of year.	✓ P1 ✓ P2 ☐ P3
Encourage curbside uses that can occur off-street to do so to free up valuable curbside space.	☐ P1 ✓ P2 ☐ P3

Curb Space and Parking
Strategies

- **P1.** Establish priorities for curb uses based on adjacent land uses and City goals.

- **P2.** Leverage pricing policy, data, and communications to better manage on and off-street parking spaces.

- **P3.** Reconsider standards for parking requirements in new developments.

Strategy P1.
Establish priorities for curb uses based on adjacent land uses and City goals.

- Develop a framework for prioritizing parking, loading, drop-off, bike lanes, mobility hubs, etc. in different contexts to reference when making curbside changes.

- Ensure curb uses support other plans for a given street/corridor.

- Address need for a commercial parking policy to prevent truck parking from impacting neighboring residents and businesses.

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ALEXANDRIA COMPLETE STREETS DESIGN GUIDELINES

Age Friendly Plan For A Livable Community

HOUSING MASTER PLAN

San Francisco's curbside management prioritization framework.
Source: San Francisco Municipal Transportation Agency (SFMTA)

What it means for you:
- Better **access** to the curb space for users that need it the most
- Improved **connections** between places and modes of transportation
- Greater **convenience** with more efficient allocation of curb space
- More **equitable** use of curb space
- Improve **safety** by reducing conflicts

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Example Curb Space Framework: Curb Uses

Curb Use Categories:	Examples:
Support for City Plan Priorities	Safety improvements (e.g. daylighting intersections, curb extensions), bus lanes, bike lanes, stormwater management that are specifically included in City plans
Access for Goods	Loading zones, deliveries, food pick-up/drop-off
Access for People	Bus stops, pick-up/drop-off, bikeshare stations
Parking	Metered parking, Residential Permit Program, EV Charging, bike parking, scooter corrals
Activation	Parklets, in-street dining, public art

Example Curb Space Framework: Land Uses

Land Use Categories	Description	Examples
Residential	Predominantly residential uses; including detached houses, rowhouses, and apartment buildings	Seminary Hill, Clover-College Park, Rosemont, Old Town, Braddock, Del Ray, Beauregard
Main Streets	Mixed-use neighborhoods with office, residential, and retail uses - as well as neighborhood retail corridors	King Street, Mt Vernon Ave, Washington Street, parts of Duke Street, Landmark
Office and Commercial Districts	Areas with predominantly office, retail, and other 'Downtown' functions - often high density, and often including residential towers	King Street Metro, Carlyle, Old Town North, Eisenhower East
Warehouse and Industrial	Areas with mostly industrial and warehouse uses, including redeveloping areas adding retail uses and residential developments	Wheeler Ave, South Pickett St, Business Center Drive

Example Curb Space Framework: Priorities

Priority:	Residential	Main Streets	Office and Commercial Districts	Warehouse and Industrial
1	Support for City Plan Priorities			
2	Access for People	Access for People	Access for People	Access for Goods
3	Parking	Access for Goods	Access for Goods	Access for People
4	Access for Goods	Activation	Parking	Parking
5	Activation	Parking	Activation	Activation

When making decisions that will impact curb space, staff is considering applying the following framework to prioritize different needs. Not every category applies to every street. Specific context will also be considered, such as the availability of off-street or nearby parking.

Strategy P2.
Leverage pricing policy, data, and communications to better manage on and off-street parking spaces.

- Use appropriate pricing strategies to encourage efficient and equitable use of on and off-street parking spaces.

- Collect and publish data on parking use and availability.

- Use technology, signage, and pricing to encourage--whenever reasonable and practicable--off-street pick-ups and drop-offs, loading, and parking activity to free up on-street curbside space.

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What it means for you:
- Improved access for those who need it the most
- Improved land use/transportation connections
- More convenient garage parking
- Improved safety by reducing cruising for parking

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Strategy P3.
Reconsider standards for parking requirements in new developments.

- Build upon recent efforts to right-size parking for residential and commercial development, recognizing that excessive parking leads to excessive traffic.

- Use maximum parking ratios, and parking adjustments based off proximity to public transit as tools to reduce oversupplying parking.

- Explore tying transportation mitigation requirements to parking supply.

- Eliminate regulatory hurdles to sharing parking supply between different buildings and uses (for example a bank that closes at 5PM and a restaurant that opens at 5PM).

What it means for you:
- Better land use/transportation **connections**
- Improved **equity** with more affordable developments
- Improved **sustainability** with more context-sensitive parking supply

HOUSING
MASTER PLAN

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Provide Your Input!

- **Share your feedback:**
  - www.alexandriava.gov/MobilityPlan
  - Open through Thursday, November 8th
- **Ask questions**: mobilityplan@alexandriava.gov
- **Sign up** for eNews to ensure that you are receiving updates about engagement opportunities.

Alexandria Mobility Plan (AMP)

The AMP, a strategic update to the 2008 Transportation Master Plan, will ensure that transportation in the city continues to serve the needs of residents, businesses, and visitors as the region grows and new technology adds to the ways we get around. The AMP process will gather public input on tradeoffs and establish clear priorities for improving mobility.

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The Future of Mobility in Alexandria

Since the Transportation Master Plan was adopted in 2008, technology has transformed how we use our streets and curbs. Smart phones had not yet saturated the market. TNC's like Uber and Lyft had not yet provided a means to connect drivers with travelers. The first bikeshare had only begun in DC with 10 stations and dockless bikes, e-bikes, or scooters still in the distant future. The future of mobility remains even more uncertain with autonomous vehicles on the horizon and technology that helps improve planning and management of our transportation network.

Summer 2019 ———————————→ 2021

Visioning — Summer 2019

Establish Priorities — Fall 2019/ Winter 2020

Develop Strategies — Spring 2020

Chapter Development and Review
- Streets
- Mobility Options (Transportation Demand Management)
- Smart Mobility
- Public Transit
- Parking and Curbside Managment