

City of Alexandria Long-Range Plan: Transportation Commission Draft Prioritization

June 17, 2015

PROJECTS

				Livability		Connectivity		Land Use		Mode Choice		Infrastructure	Operations and Technology	Safety		Total AVG.
				1a	1b	2a	2b	3a	3b	4a	4b	5a	6a	7a	7b	
				What is impact on livability in the affected area?	What is the impact on livability in Alexandria?	What is the effect on neighborhood connectivity and the City as a whole?	What is the effect on regional mobility?	How well does project focus investment near existing or proposed population or employment?	How well does project focus investment near opportunities for economic development?	Does the project improve or add multimodality?	Does the project encourage non-SOV travel?	Does the project improve aging infrastructure?	Does the project improve system efficiency through an appropriate use of technology?	What effect will the project have on crash risks and safety?	What effect will the project have on perceived personal safety?	
2015 Rank No.	2014 Rank No.	Name	Description													
1	1	Potomac Yard Intermodal transit center	In conjunction with other public agencies, a new intermodal transit center shall be constructed proximate to the new Metrorail station	5.0	4.8	4.8	4.8	4.9	4.9	4.9	4.3	3.2	3.7	3.8	3.9	52.9
2	NA	DASH Bus expansion	This project provides for the purchase of additional buses for the DASH fleet. In 2014, DASH Comprehensive Operations Analysis was completed which serves as the basis for the planned expansion of the DASH Fleet. The findings of that analysis will determine the specific uses for the expansion vehicles, which have a 12-year life span.	4.7	4.7	4.7	4.4	4.6	4.4	4.7	4.7	4.0	4.1	4.1	3.6	52.6
3	5	Van Dorn Street bridge widening	Widening of Van Dorn Street over Duke Street to accommodate pedestrians.	4.7	4.1	4.4	3.6	4.6	4.6	4.6	4.3	4.8	3.4	4.6	4.6	52.1
4	2	Pedestrian / Bicycle connection from Potomac Yard to Four Mile Run Trail	Provide a future pedestrian/bicycle connection from Landbay K to the Four Mile Run trail	4.7	4.3	4.7	4.2	4.6	4.3	4.9	5.0	3.6	3.2	4.1	4.4	52.0
5	3	Royal Street Bikeway	Construct bicycle Improvements along Royal Street between Jones Point and Bashford Street, that may include signage, traffic calming and other measures to improve north-south bicycle travel within Old Town.	4.6	4.1	4.3	4.0	4.0	3.7	4.7	4.9	3.7	3.3	4.3	4.2	49.8
6	10*	Commonwealth Avenue nonmotorized bridge	Construct new pedestrian/bicycle bridge over Four Mile Run to link Commonwealth Avenue to S. Eads Street.	4.7	4.3	4.7	4.0	4.0	3.4	4.4	4.6	3.7	3.2	4.2	4.1	49.3
7	NA	Mt. Vernon Avenue at Russell Road	Safety improvements identified in the Arlandria Small Area Plan. The existing intersection geometry and parking configuration adjacent to the intersection creates unsafe conditions for vehicle movement as well as pedestrian and bicycle activity. The intersection accommodates a large number of bicyclists and pedestrians and has a history of pedestrian and vehicle crashes	4.4	3.9	4.2	3.6	4.3	4.2	4.2	3.8	3.9	3.4	4.7	4.3	49.0
8	15	Pedestrian improvements at King Street and waterfront area	Limit vehicular access to the unit block of King Street and the Strand, between Prince and King Streets, and potentially to the 100 block of King Street to emergency vehicles, deliveries (limited hours), motorcoaches and the King Street trolley. The Strand would also be open to vehicles accessing the parking garages and lots that have entrances on this block. In addition, enlarge the pedestrian hub at King Street and Union Street. Consider eliminating on-street parking along the unit block of King and at the immediate intersection of King and Union Street.	4.7	4.1	4.0	3.3	4.7	4.0	4.1	4.2	3.8	3.2	4.2	4.3	48.7
9	10*	Sanger Avenue Bridge	Widen the underpass of Sanger Avenue at I-395 to allow for a future transitway and non-motorized facilities.	4.3	3.9	4.3	3.9	4.2	3.6	4.3	4.3	4.2	3.2	4.2	3.8	48.3
10	NA	Mt. Vernon at Four Mile Road	Construct pedestrian, bicycle improvements as well as vehicular circulation improvements within the vicinity of the intersection of Mount Vernon Avenue and Four Mile Road.	4.4	4.0	4.4	3.4	4.3	4.1	4.1	4.1	3.9	3.3	4.4	3.4	48.1
11*	9	Bradlee Transit Center	Construction of the Bradlee Transit Center. The project will provide bus facilities for a number of bus routes serving the area. The improvements will include bus shelters and enhanced service information, bus circulation, bicycle parking and transit amenities.	4.3	3.9	4.1	3.9	4.2	3.8	4.1	4.4	3.6	3.3	3.9	4.1	47.7

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11*	7*	Van Dorn Circulator Transit Service	Provide Circulator transit service in the Van Dorn area to provide a connection between the Van Dorn Metrorail station and the Landmark Mall. The DASH route AT7 would terminate at the Van Dorn Metrorail station.	4.2	4.0	4.1	3.9	4.6	4.3	4.3	4.2	3.1	3.4	3.8	3.7	47.7
11*	12	Eisenhower East Circulator Transit Service	Provide Circulator transit service in the Eisenhower East area to provide a connection between the King Street Metrorail station and the Eisenhower Metrorail station.	4.1	4.0	4.3	3.6	4.4	4.2	4.4	4.6	3.0	3.3	3.8	3.9	47.7
14*	4	Mt. Vernon Avenue at East/West Glebe Road intersection improvements	It is recommended that traffic improvements be implemented at this intersection, including signalization, channelization for turning movements, and accommodations for pedestrians.	4.4	4.0	4.0	3.3	4.1	3.8	3.7	4.0	4.0	3.8	4.3	4.1	47.6
14*	16	Holmes Run Trail at Morgan Street	Construct a pedestrian and bicycle bridge where the Holmes Run Trail crosses Holmes Run at Morgan Street.	4.6	4.0	4.4	3.6	3.8	3.6	4.2	4.2	3.8	3.2	4.2	4.0	47.6
16	7*	Corridor A Circulator Transit Service	Provide scale appropriate Circulator transit service in Corridor A south of Braddock Road Metrorail station that focuses on east-west connectivity between the existing Metrorail stations and Old Town.	4.2	3.7	4.3	3.7	4.3	3.9	4.4	4.6	3.1	3.2	3.8	3.8	47.0
17	13	Bicycle Parking at Waterfront	Provide additional bicycle parking on the waterfront in Oronoco Bay Park and near the foot of King Street with more racks and/or covered bicycle shelters.	4.4	4.0	4.0	3.4	4.2	3.7	4.3	4.2	3.3	3.2	3.6	3.8	46.2
18	14	Library Lane Extension	Extend Library Lane north of Seminary Road to connect to Van Dorn Street. This project would tie to the improvement of Library Lane on the south side of Seminary Road, as part of the Home Properties redevelopment.	4.1	3.6	4.2	3.7	4.2	3.7	2.9	2.8	3.6	3.2	3.8	3.4	43.1
19	18	Edsall Road Connector to Farrington Avenue and South Pickett Street	Construction of new roadway along the Fairfax County line to connect Edsall Road, South Pickett Street, and Farrington Avenue to relieve traffic congestion on sections of South Van Dorn Street and to provide direct access to the Eisenhower Avenue corridor and the Van Dorn Street Metrorail Station.	4.4	4.0	4.6	4.1	4.2	4.1	2.7	2.4	3.1	3.0	3.3	3.0	43.0
20	21	I-395 access to West End Town Center	Direct access from I-395 ramps to West End Town Center	3.7	3.4	4.2	4.3	4.0	4.1	2.8	2.2	3.3	3.1	3.3	3.2	41.8
21	19*	South Van Dorn Street Improvements at the City Limits	Construction of an additional lane to the southbound roadway from the Metrorail access ramp to the I-95 interchange. An additional lane should be added to the northbound roadway from the I-95 interchange to the Metro access ramp.	3.8	3.2	4.1	4.3	4.2	4.0	2.8	2.3	3.6	3.3	3.2	2.7	41.6
22	19*	Construct Elizabeth Lane extension	Extend Elizabeth Lane (to be called Eisenhower Park Drive) from Eisenhower Avenue south and east to Limerick Street.	3.7	3.4	4.1	3.3	4.1	4.2	2.9	2.7	3.1	3.0	3.3	3.1	41.0
23	17	West End Transit Shop	Construct a new transit shop on the west end of Alexandria to support transit, alternative transportation and non-Single Occupancy Vehicle (SOV) travel	3.7	3.2	3.1	3.4	3.7	3.2	3.6	3.7	3.0	2.9	3.2	3.0	39.7

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24	22*	Van Dorn at Braddock Road Intersection Improvement	Replace the shared thru/left turn lanes along NB and SB Van Dorn Street with separate left turn lanes - One left, one thru and one shared thru/right lane for both NB and SB directions. Add protected/permissive left turn phasing along NB and SB Van Dorn Street.	3.6	3.2	3.8	3.3	3.8	3.3	2.9	2.8	3.6	3.3	3.0	2.9	39.4
25	24	Beauregard Street at W. Braddock Road Intersection Improvement	Change dual left to single left on westbound Braddock Road and replace the left-turn lane with a thru lane.	3.8	3.3	3.6	3.3	3.6	3.3	2.9	2.7	3.4	3.2	3.4	2.7	39.2
26	22*	New Road to Four Mile Run Park	Construct a new road from Route 1 to Four Mile Run Park.	3.3	3.2	4.0	3.3	3.6	3.4	2.7	2.4	3.1	3.0	3.2	3.2	38.6
27	26	Clermont Interchange with I-95 and connection to Eisenhower Avenue	Study or consider this interchange and the connecting roadways that will improve access to the Cameron Valley and the Eisenhower Corridor	2.9	2.9	3.8	4.1	3.7	4.0	2.8	2.4	3.2	3.1	2.8	2.6	38.2
28	25	Quaker Lane at Seminary Road/Janneys Lane Intersection Improvement	Provide dual northbound Quaker Lane left turn lanes onto Seminary Road, and provide a dedicated right turn lane for eastbound Seminary Road.	3.1	3.0	3.6	3.4	3.4	3.0	2.6	2.1	3.5	3.3	2.6	2.4	36.0
6	6	<u>Prince Street / Cameron Street Bicycle Facility</u>	<u>Construction of a bicycle facility on both Prince Street and Cameron Street within Old Town.</u>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Projects in red/underlined are new projects added for 2015

* *Project priorities for these projects resulted in a tied score*