

City of Alexandria 2016 Long-Range Plan: Transportation Commission Draft Prioritization

June 15, 2016

PROJECTS

| Proj No | 2016 Rank No. | Name | Description | TC 1 | TC 2 | TC 3 | TC 4 | TC 5 | TC 6 | TC 7 | TC 8 | TC 9 | TC 10 | T.C. AVG | STD. DEV. | HIGH | LOW |
|---------|---------------|--|---|------|------|------|------|------|------|------|------|------|-------|----------|-----------|------|-----|
| P-2 | 1 | Van Dorn Street bridge widening | Widening of Van Dorn Street over Duke Street to accommodate pedestrians. | 58 | 56 | 47 | 50 | 51 | 48 | 52 | 45 | 58 | | 51.7 | 4.8 | 58 | 45 |
| P-1 | 2 | DASH Bus expansion | This project provides for the purchase of additional buses for the DASH fleet, <u>and expansion of the DASH Maintenance facility to accommodate the additional buses.</u> 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. | 58 | 60 | 48 | 44 | 51 | 45 | 55 | 43 | 60 | | 51.6 | 6.9 | 60 | 43 |
| P-7 | 3 | 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. | 58 | 49 | 48 | 45 | 56 | 50 | 52 | 44 | 60 | | 51.3 | 5.6 | 60 | 44 |
| P-22 | 4 | <u>King St (Quaker Lane to N. Hampton) Sidewalk</u> | <u>Construct new sidewalks along the north and south sides of King Street, including over I-395, where missing. This project improves important pedestrian safety and connectivity along a street with higher volumes and speeds, and a history of pedestrian fatalities.</u> | 45 | 59 | 48 | 54 | 55 | 50 | 49 | 48 | 53 | | 51.2 | 4.4 | 59 | 45 |
| P-8 | 5 | 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. | 58 | 49 | 46 | 44 | 56 | 48 | 51 | 44 | 60 | | 50.7 | 6.0 | 60 | 44 |
| P-25 | 6 | <u>Seminary Road From Quaker Lane to Ft. Williams Pkwy Safety Improvements</u> | <u>Construct new sidewalk along the north side of Seminary Road where missing, and other pedestrian safety improvements. Provides connectivity to the Episcopal High School, and to the Virginia Theological Seminary</u> | 46 | 60 | 44 | 49 | 57 | 43 | 48 | 49 | 58 | | 50.4 | 6.3 | 60 | 43 |
| P-10 | 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. | 58 | 38 | 47 | 48 | 56 | 47 | 52 | 44 | 58 | | 49.8 | 6.8 | 58 | 38 |
| P-26 | 8 | <u>Seminary Road from N Van Dorn St to Quaker Lane bicycle facility</u> | <u>Construct an enhanced bicycle corridor (Specific facility type to be determined through further study) to provide improved east-west connectivity and linkage with the existing bike lane on Janneys Lane.</u> | 43 | 59 | 42 | 51 | 58 | 44 | 48 | 41 | 60 | | 49.6 | 7.7 | 60 | 41 |
| P-24 | 9 | <u>N. Jordan St from Howard St to Seminary Road Sidewalk</u> | <u>Construct new sidewalk along the east side of N. Jordan Street where missing. Provides connectivity between multifamily residential uses and Seminary Road and Hammond Middle School.</u> | 45 | 59 | 44 | 49 | 52 | 43 | 49 | 48 | 54 | | 49.2 | 5.1 | 59 | 43 |
| P-4 | 10 | Commonwealth Avenue nonmotorized bridge | Construct new pedestrian/bicycle bridge over Four Mile Run to link Commonwealth Avenue to S. Eads Street. | 41 | 60 | 47 | 48 | 51 | 48 | 50 | 41 | 56 | | 49.1 | 6.2 | 60 | 41 |
| P-3 | 11 | 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. | 38 | 60 | 48 | 54 | 53 | 47 | 48 | 32 | 60 | | 48.9 | 9.3 | 60 | 32 |
| P-16 | 12 | <u>Mt. Vernon Avenue Intersection Improvements (Consolidated 15-5, 15-6, 15-7)</u> | <u>Intersection improvements along Mt. Vernon Avenue at Russell Road, Four Mile Road, and E./W. Glebe Road. Improvements would be made to improve pedestrian and bicycle safety, and vehicular circulation.</u> | 47 | 48 | 50 | 49 | 46 | 46 | 49 | 45 | 59 | | 48.8 | 4.2 | 59 | 45 |

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| P-5 | 13* | 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. | 54 | 60 | 48 | 50 | 43 | 46 | 50 | 28 | 59 | | 48.7 | 9.6 | 60 | 28 |
| P-23 | 13* | <u>Van Dorn St (Kenmore to Braddock Rd) Sidewalk</u> | <u>Construct new sidewalk along the west side of Van Dorn Street. This project improves pedestrian safety and connectivity in west Alexandria.</u> | 45 | 59 | 43 | 50 | 49 | 42 | 49 | 48 | 53 | | 48.7 | 5.2 | 59 | 42 |
| P-21 | 15 | <u>Route 1 Intersection Improvements</u> | <u>Intersections improvements along Route 1, including Route 1 at E. Reed (Modify WB lanes from an exclusive left turn lane and shared thru-right lane to exclusive left, thru and right lanes), Custis (Modify EB/WB from shared left, thru, right lanes to exclusive left turn lanes and shared thru/right lanes). Add an actuated pedestrian signal and crosswalk at Route 1 and Fannon Street. Add a new signal at Route 1 and Montrose, and make safety improvements at Montrose/Ashby / E. Glebe Road.</u> | 49 | 48 | 43 | 48 | 54 | 46 | 46 | 41 | 60 | | 48.3 | 5.7 | 60 | 41 |
| P-27 | 16 | <u>Madison Street Bike facility</u> | <u>This project provides east-west connectivity in North Old Town and to the Mt. Vernon Trail and Braddock Metrorail Station. Madison Street would be an enhanced bicycle corridor that may remove one travel lane.</u> | 42 | 60 | 42 | 52 | 46 | 44 | 51 | 37 | 58 | | 48.0 | 7.8 | 60 | 37 |
| P-19 | 17 | <u>Eisenhower Avenue Enhanced Transit Service</u> | <u>Provide enhanced transit service along Eisenhower Avenue between the Van Dorn Metrorail station and Eisenhower Ave. Metrorail station, including 15 min peak headway and 30 min offpeak headway; Would require two new buses, new shelters, Transit Signal Priority, real time information.</u> | 53 | 36 | 51 | 42 | 52 | 41 | 51 | 44 | 58 | | 47.6 | 7.1 | 58 | 36 |
| P-9 | 18* | Holmes Run Trail at Morgan Street | Construct a pedestrian and bicycle bridge where the Holmes Run Trail crosses Holmes Run at Morgan Street. | 40 | 60 | 42 | 48 | 42 | 45 | 49 | 39 | 55 | | 46.7 | 7.1 | 60 | 39 |
| P-20 | 18* | <u>Non-motorized bridge over Backlick Run</u> | <u>Construct a non-motorized bridge across Cameron Run between the Eisenhower Valley and Cameron Station / Ben Brenman Park.</u> | 40 | 60 | 41 | 50 | 50 | 43 | 47 | 41 | 48 | | 46.7 | 6.4 | 60 | 40 |
| P-28 | 20 | <u>Holmes Run Trail on south side of Holmes Run from Ripley St to N. Pickett St.</u> | <u>Construct a new trail along the south side of Holmes Run to provide improved connectivity of the existing trail system.</u> | 39 | 36 | 42 | 53 | 52 | 46 | 45 | 39 | 58 | | 45.6 | 7.4 | 58 | 36 |
| P-6 | 21 | Sanger Avenue Bridge | Widen the underpass of Sanger Avenue at I-395 to allow for a future transitway and non-motorized facilities. | 55 | 36 | 46 | 41 | 32 | 50 | 52 | 34 | 60 | | 45.1 | 9.9 | 60 | 32 |
| P-11 | 22 | 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 (<u>Coordinate with the Fitzgerald Square improvements</u>). | 36 | 60 | 41 | 45 | 34 | 45 | 50 | 34 | 57 | | 44.7 | 9.6 | 60 | 34 |

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| P-29 | 23 | <u>Commonwealth Ave. Green Street</u> | <u>Move the Commonwealth Ave. turnabout to the entrance at the parking lot and convert the .25 acres of underused portion of Commonwealth along the edge of field #2 to a working open space.</u> | 39 | 42 | 40 | 36 | 46 | 44 | 36 | 37 | 56 | | 41.8 | 6.4 | 56 | 36 |
| P-12 | 24 | 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. | 38 | 48 | 40 | 36 | 45 | 41 | 45 | 40 | 28 | | 40.1 | 5.9 | 48 | 28 |
| P-17 | 25 | <u>Braddock Road Intersection Improvements (Consolidated 15-24, 15-25)</u> | <u>Intersection improvement at Braddock Road and Van Dorn Street (Replace the shared thru/left turn lanes along NB and SB Van Dorn St with separate left, thru, thru/right lanes, and protected permissive left turn phasing along NB and SB Van Dorn), and intersection improvement at Braddock Road and Beauregard Street (Change WB Braddock dual left to a single left, and thru lanes)</u> | 47 | 22 | 35 | 37 | 53 | 40 | 41 | 41 | 34 | | 38.9 | 8.7 | 53 | 22 |
| P-18 | 26 | <u>S. Van Dorn Intersection Improvements</u> | <u>Intersection improvements along S. Van Dorn Street at Edsall Road (Add WB right turn lane), Eisenhower Avenue (Add EB thru lane, WB thru lane), and future Main Street. These intersection improvements are needed in the long term to support additional density planned in Eisenhower West.</u> | 47 | 22 | 42 | 40 | 39 | 43 | 43 | 41 | 31 | | 38.7 | 7.6 | 47 | 22 |
| P-13 | 27 | I-395 access to West End Town Center | Direct access from I-395 ramps to West End Town Center | 44 | 36 | 35 | 36 | 47 | 40 | 45 | 39 | 24 | | 38.4 | 6.9 | 47 | 24 |
| P-14 | 28 | 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 | 34 | 12 | 37 | 26 | 56 | 42 | 41 | 39 | 26 | | 34.8 | 12.4 | 56 | 12 |
| P-15 | 29 | Quaker Lane at Seminary Road/Janney's Lane Intersection Improvement | Provide dual northbound Quaker left turn lanes onto Seminary Road, and provide a dedicated right turn lane for eastbound Seminary Road. | 38 | 24 | 31 | 28 | 12 | 43 | 38 | 41 | 26 | | 31.2 | 9.9 | 43 | 12 |

Projects in red/underlined are new projects added for 2015

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