

CITY OF
Alexandria
VIRGINIA

City Council
SMART SCALE FY30-FY31 Program

June 25, 2024



SMART SCALE – Scoring Criteria



Congestion
Mitigation 45%

Accessibility 25%

Environmental
Quality 10%

Safety 15%

Economic
Development 5%

SMART SCALE – Project Summary



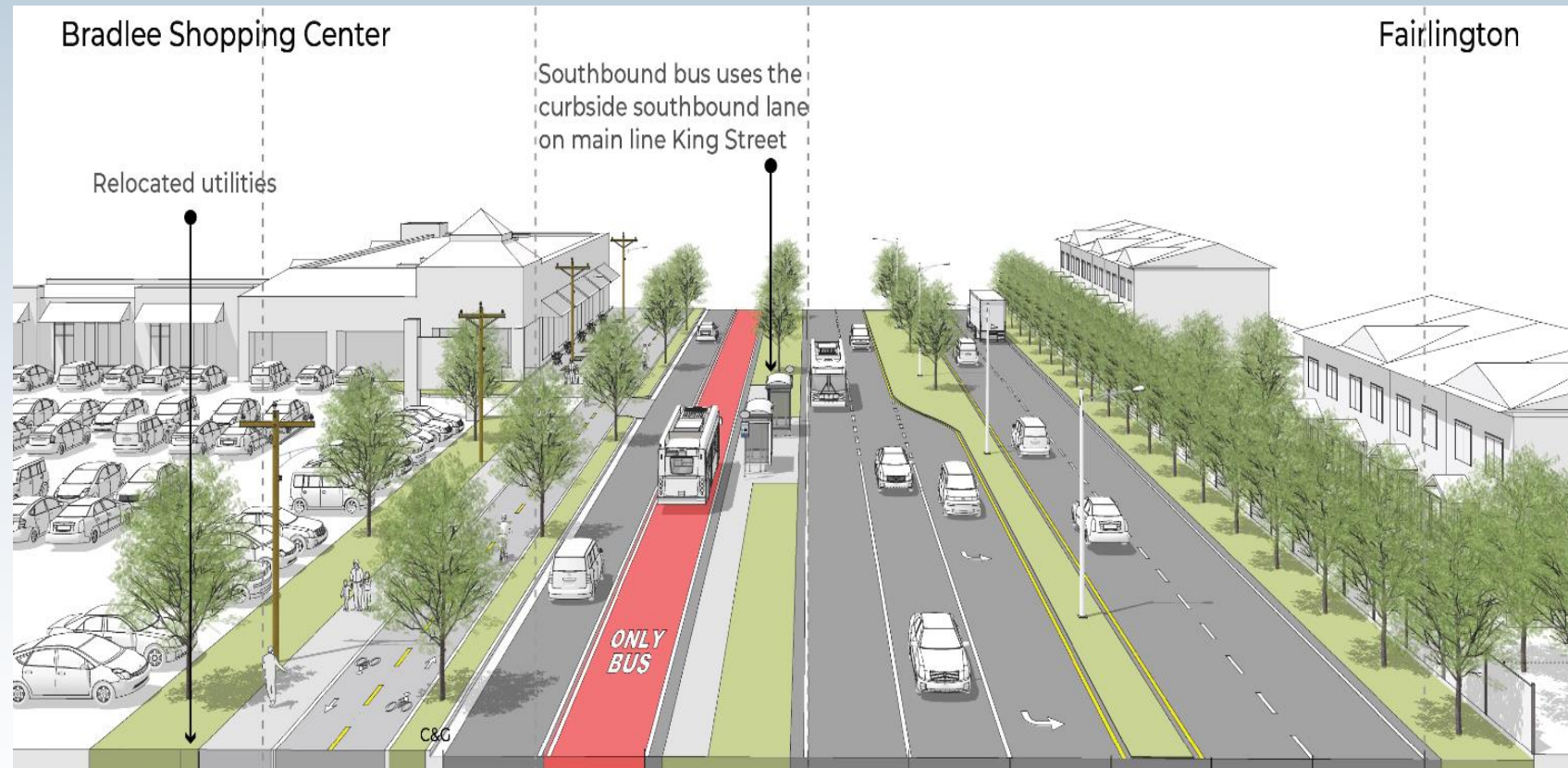
City of Alexandria Projects	Maximum Funding Request
King Street-Bradlee Safety and Mobility Enhancements	Up to \$20M
Eisenhower Avenue and Van Dorn Street Improvements	Up to \$25M
Duke Street and Route 1 Intersection Improvements	Up to \$5M

Project 1: King-Bradlee Safety & Mobility Enhancements



Up to \$20M

- Reconfigure portion of access road to one-way westbound
- Provide westbound dedicated transit lanes
- Shift eastbound buses to King Street
- Separate space for all users
- Provide intersection improvements
- Maintain travel times
- Reduce transit delays and increase reliability
- Provide accessible transit stops



Project 1: King-Bradlee Safety & Mobility Enhancements



Additional Treatments



No Turn on Red Signs



Stormwater Treatment



Signal Timing Adjustments



Transit Signal Priority



Leading Pedestrian Intervals



Pedestrian Refuge Islands



Consolidated & Enhanced Bus Shelters



Pedestrian Lighting



Enhanced Streetscape with more tree canopy cover



Separated paths for people biking and walking



Dedicated Bicycle Crosswalk Across King Street

Project 1: King-Bradlee Safety & Mobility Enhancements



Community Engagement

2 Feedback Forms

Over 1,000 interactions



Informal Events

Pop-Ups, Community Festival & Bus Stop chats

Hosted 2 Public Meetings

10 Staff Presentations

Meetings with HOA & Civic Associations & Boards & Commissions

Digital Engagement

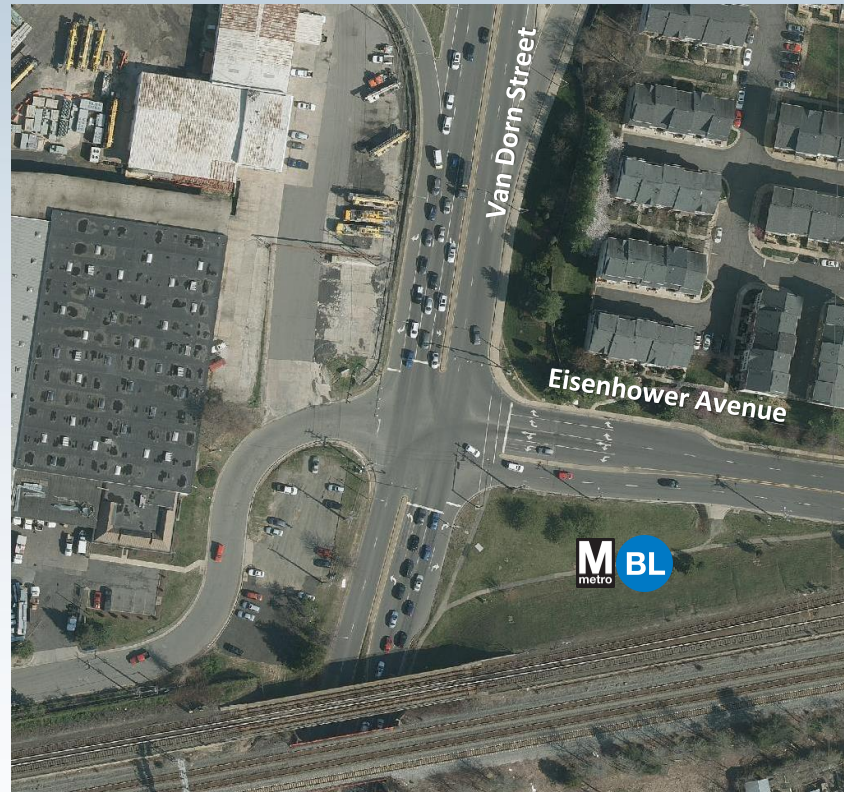
Social Media Posts, direct email notifications, website updates

Project 2: Eisenhower Avenue and Van Dorn Street



Up to \$25M

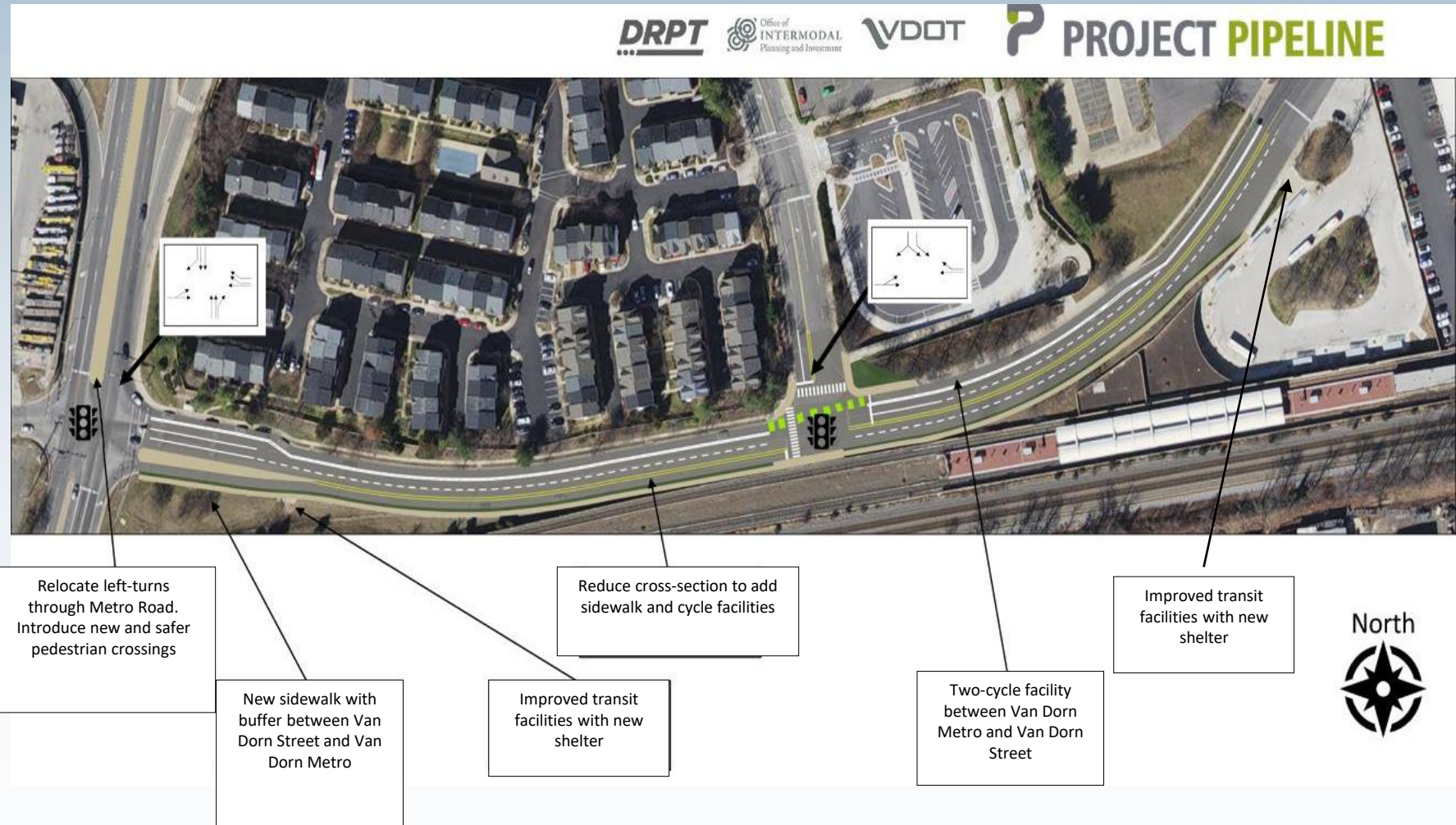
- Pedestrian crashes crossing Eisenhower Avenue
- Inadequate and missing pedestrian infrastructure
- Poor accessibility to and from Van Dorn Street Metro for existing and future land uses
- Numerous angle crashes with left-turning vehicles
- Significant queueing and delays on Van Dorn Street, primarily in the PM peak hours



Project 2: Eisenhower Avenue and Van Dorn Street



- Improved and new sidewalks
- Protected two-way cycle facility
- Improved crosswalks and pedestrian refuges
- Landscaping and gateway opportunities
- New bus facilities
- Minimize left-turn conflicts
- Reduced delays by up to 40-60 seconds on average per vehicle with reduced queueing

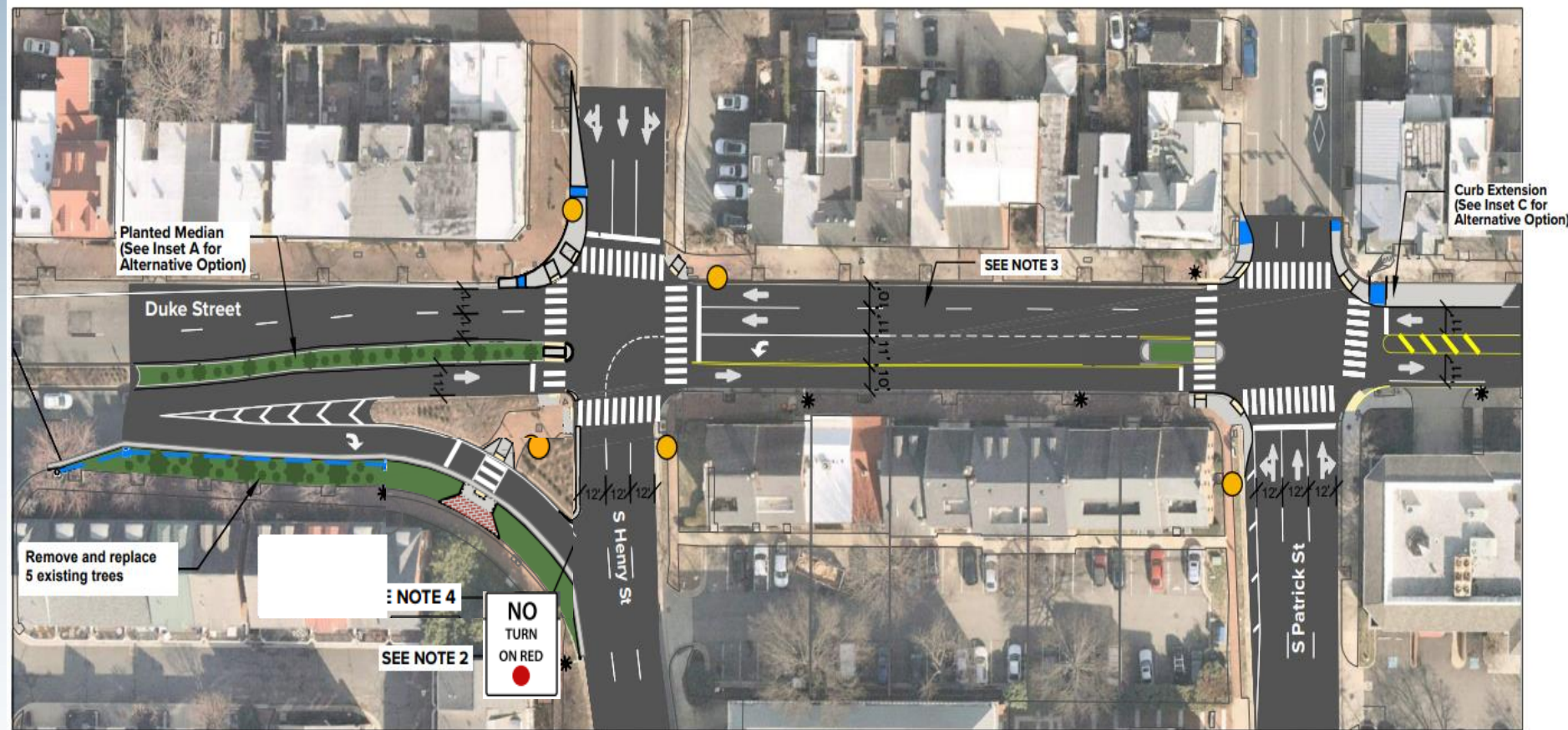


Project 3: Duke Street at Route 1



Up to \$5M

- Medians
- Curb extensions
- Slip lane modifications
- Traffic signal upgrades
- Street lighting
- Landscaping
- Stormwater management



Project 4: I-395 Shirlington Interchange & S Glebe Road Interchange Improvements



Endorse NVTA Application

Joint Application with NVTA, Arlington County, and VDOT

- Improve safety by eliminating weaving and merging conflicts
- Improve driver understanding through better markings and signage
- Improve traffic flows through the rotary

City of Alexandria Components:

- New traffic signal at realigned Quaker Lane
- New traffic signal at Gunston Road with realigned ramp



Recommendation



That the City Council:

- Authorize the submission of up to \$50 million in SMART SCALE applications.
- Authorize the City Manager to execute all necessary documents that may be required.
- Endorse the NVTVA Application to SMART SCALE for the : I-395 Shirlington Interchange & S Glebe Road Interchange Improvements.