

Docket Item #8 MASTER PLAN AMENDMENT #2007-0001 Route 1 Transit Lanes

Planning Commission Meeting June 5, 2007

- **ISSUE:** Consideration of a request to revise the transportation element of the City of Alexandria Master Plan to designate the location of dedicated transit lanes north of the Route 1 Monroe Avenue Bridge to be within a central landscaped median.
- APPLICANT: Department of Transportation and Environmental Services Department of Planning and Zoning
- **LOCATION:** Route 1/Jefferson Davis Highway, from East Glebe Road to the north end of the Monroe Avenue Bridge

<u>PLANNING COMMISSION ACTION, JUNE 5, 2007</u>: On a motion by Mr. Robinson, seconded by Mr. Jennings, the Planning Commission voted to <u>recommend</u> <u>approval</u> of the request, subject to compliance with all applicable codes, ordinances and staff recommendations. The motion carried on a vote of 5 to 0. Mr. Dunn and Mr. Komoroske were absent.

<u>Reason</u>: The Planning Commission acknowledged that the location of dedicated transit lanes had been discussed and decided as part of the previous Master Plan. This proposed Master Plan amendment is to designate the location of the transit lanes curbside or within the central median. The Commission discussed elements of each proposal such as the vehicle turning movements, pedestrian crossing-circulation and the impacts on the central median with each option. The Commission also discussed how the dedicated transit lanes would impact the character of Route 1 as an urban boulevard as envisioned by the Potomac Yard approvals. The Commission agreed with the staff analysis that locating dedicated transit lanes within the median was a balance of transit, traffic, safety, pedestrian, landscaping and urban design elements and that the central median more effectively balanced each of these elements. The Commission acknowledged that while specific design and landscaping of the transit lanes within the median need to be discussed, the final design will require subsequent approval by the Planning Commission and City Council.

Speakers:

Van Van Fleet, representing Old Town Civic Association, expressed concerns that the proposed dedicated transit lanes would impact traffic circulation on Route 1, reduce traffic lanes and expressed concern about the location of dedicated transit lanes on Route 1 rather than other streets within Potomac Yard, such as Main Street. He also stated that a

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detailed traffic plan showing all the traffic in the future, including all the new development along Route 1 in addition to Potomac Yard, should be done for the median location alternative.

Julie Crenshaw Van Fleet, resident, wanted to know if the median option had been presented to the Transportation Planning Board, and said that the Transportation Analysis that staff was referring to should have been presented to the Planning Commission. She raised concerns about the community process and information presented at the hearing.

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I. <u>SUMMARY</u>

A. <u>Proposal:</u>

The application requests an amendment to the Transportation Chapter of the City of Alexandria Master Plan to locate high-capacity transit lanes within the landscaped median of Route 1/ Jefferson Davis Highway. The final design, phasing, financing and implementation of any transit service will require considerable future input from the community, stakeholders and subsequent approval by the Planning Commission and City Council. This Master Plan amendment, for the purpose of identifying two center lanes in the Jefferson Davis Highway/Route 1 median for the exclusive use of mass transit, is intended to comply with the direction identified in the previous City Council action amending the Transportation Chapter of the Master Plan (MPA 2005-0006). The City Council approved this Master Plan amendment on April 22, 2006. This amendment designated dedicated transit lanes on Route 1 in Potomac Yard, and required additional community input, review of the Planning Commission, and review and approval of the City Council for the location of the Bus Rapid Transit (BRT) or transit lanes on Route 1/Jefferson Davis Highway.



Figure 1. Proposed Transit Route in Potomac Yard

B. Selection of Final Location of Dedicated Transit Lanes on Route 1

The last time the Planning Commission and the City Council considered the dedicated transit lanes on Route 1 involved an amendment to the Transportation Chapter of the Master Plan (MPA 2005-0006, April 4, 2006). The staff report for that amendment concluded that 2 alternative locations for the transit lanes on Route 1 were the top choices of the community and that additional community meetings are required to determine the best alternative. These alternatives are as follows:

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- Alternative 1: A two-lane, bidirectional transit travelway located in the median of Route 1;
- Alternative 2: Two single-lane directional transit lanes, one located on each side of Route 1 adjacent to the curb.

The last community meeting was held on March 8, 2007 where staff presented additional information for the two alternatives based on the community's three major goals:

- Improve transit accessibility
- Preserve the urban boulevard concept described by the Potomac Yard Design Guidelines for Route 1
- Provide a pedestrian-friendly environment for non-transit crossings of Route 1

A detailed discussion of the staff presentation is found in Chapter III, "Staff Analysis", of this staff report. A table listing the key considerations for the two alternatives is included as an attachment to this report (Attachment 1). As shown by the following summary table, staff concluded that the median transitway configuration is the preferred alternative.



C. <u>Staff Recommendation</u>

After discussing the two alternative locations for the transit lanes on Route 1 with the community, and considering transit operations, traffic circulation, aesthetics, pedestrian safety, implementation schedule and compliance with the Potomac Yard Design Guidelines for Route 1, staff is recommending approval of the proposed amendment to the Transportation chapter of the Master Plan, to locate the dedicated transit lanes in a landscaped median along Route 1. This amendment maintains the requirement that the final design, phasing, financing and implementation of any transit service will require input from the community, stakeholders and subsequent approval by the Planning Commission and City Council.

The proposed text amendment to the Master Plan is as follows (strikethroughs reflect existing text in the Master Plan proposed to be deleted, while the underlined text is proposed as part of the amendment):

"Route 1-Jefferson Davis Highway shall be designated as a transit corridor. Within the corridor, high-capacity transit service connecting Braddock Road Metrorail Station to the Crystal City/Pentagon area may be developed in general conformance with the Crystal City/Potomac Yard Transit Corridor Alternatives Analysis and compatible with the operation requirements of both bus rapid transit (BRT) and light rail transit (LRT). If-The dedicated transit lanes are to be provided for the Crystal City/Potomac Yard Transit Corridor, the lanes shall be provided on Route 1 north of the Monroe Avenue bridge shall be provided within a central landscaped median, except that the transit lanes may connect to Potomac Avenue in the vicinity of the Town Center until sufficient right-of-way can be obtained. The final location, type, and design of any future dedicated transit service shall require approval by the Planning Commission and City Council. Any future transit lanes should maintain the character of Route 1 as an urban boulevard with a continual median, trees and street trees, and shall be reserved in perpetuity for exclusive public transit use."

II. <u>BACKGROUND</u>

A. Crystal City/Alexandria Transit Planning at Potomac Yard

The City of Alexandria and Arlington County staff have been working jointly since 1999 to develop and implement improved transit services in the Crystal City/Potomac Yard area based on recommendations of the Crystal City/Potomac Yard Area Transportation Study. In March 2003, the Crystal City/Potomac Yard Transit Corridor Alternatives Analysis was completed, finding that the proposed transit corridor would benefit travel within the area and recommending that the project should be advanced with bus rapid transit (BRT) as the locally preferred alternative. This concept was further refined during the Crystal City/Potomac Yard Transit Corridor Interim Transit Improvement Project, completed in December 2005. The Transportation Task Force also recommended that designated transit lanes be provided on Route 1.

In April 2006, Planning Commission considered and recommended an amendment to the Master Plan adding the Crystal City/Potomac Yard Transit Corridor to the transportation element of the plan and designating Route 1 (Jefferson Davis Highway) as the preferred corridor location north of Monroe Avenue Bridge (MPA #2005-0006). This amendment was subsequently adopted by City Council in April 2006 and enacted by Ordinance Number 4450 on May 20, 2006. An unresolved issue during adoption of this master plan amendment was the preferred location and configuration of the transit corridor within the Route 1 right-of-way.

Following adoption of the master plan amendment, the *Crystal City/Potomac Yard Transit Improvements Environmental Review* was completed and notification has been received of Federal Transit Administration's concurrence with the finding that under National Environmental Protection Act (NEPA) regulations the project qualifies as a documented categorical exclusion, which will shorten the required federal review process. Additionally, the Crystal City/Potomac Yard transit corridor project has been submitted to the National Capital Region Transportation Planning Board (TPB) as a proposed new project for the 2007 update of the regional Constrained Long Range Plan (CLRP) and the FY 2008-2013 Transportation Improvement Program (TIP). The project will be included in TPB's upcoming regional air quality conformity analysis.

Since the 2006 addition of the Crystal City/Potomac Yard Transit Corridor to the City's Master Plan, significant progress has been made in completing the necessary project development studies. In order to proceed and maintain progress toward timely initiation of transit service, it is now necessary to determine the preferred location and configuration of the transit corridor within the Route 1 right-of-way between the north end of Monroe Avenue Bridge and East Glebe Road.

B. Community Input

Staff has met with the community throughout the process, beginning with an outreach meeting for the Crystal City/Potomac Yard Area Transportation Study in the fall of 1999. In 2002 to 2003, the City met with the Chamber of Commerce and five civic associations in the area for the preparation of the Crystal City/Potomac Yard Corridor Transit Alternatives Analysis. There were also a number of civic associations meetings, a public workshop and an open house in June 2005 to get feedback and suggestions during the preparation of the Crystal City/Potomac Yard Corridor Interim Improvement Project, and a public hearing in October 2006 for the Crystal City/Potomac Yard Transit Improvements Environmental Review. Additionally, staff has presented to PYDAC (Potomac Yard Design Advisory Committee) on May 16, 2005 and February 13, 2006, the Federation of Civic Associations on January 25, 2006, and hosted a community workshop on March 2, 2006.

The most recent community meeting was held on March 8, 2007 at the George Washington Middle School Auditorium. The City presented an analysis of the pros and cons of the center median versus the curbside options and the preferred alternative was the center median.

Concerns raised by some community members include pedestrian and motorist safety, traffic flow on Route 1 and the continued provision of left turn lanes on Route 1. In response to the concerns regarding safety, staff reviewed the operations of "center" lane BRT in several comparable cities and, further explained that new pedestrian crosswalks at signalized intersections will safely encourage pedestrians to access the transit platforms/bus stops. All-way stops for pedestrian crossing of Route 1 (all 4 quadrants of the intersection) may be employed at framework signalized intersections. Strategically placed shrubs and other landscaping elements will deter transit users and other pedestrians from mid-block crossings. Additionally, the nose of the median will extend 4 feet beyond the crosswalk to increase pedestrians' perception of safety from turning vehicles. The distance between the crosswalk and the bus-station will typically be 75 to 100 feet, and the width of the median in this section will accommodate an ADA compliant sidewalk with landscaping on both sides to protect the transit rider from traffic on Route 1 and the buses in the transit lanes. The bus station will be raised 14 inches above the adjacent street pavement and will be enclosed on the vehicular traffic side of Route 1.

A number of community members expressed their support for the median option on Route 1, most significantly based on the higher efficiency of service anticipated as compared with the curbside alternative, as well as the perception of a more intimate, pedestrian-friendly roadway. The median transit lanes break up the "sea of asphalt" into three smaller "streets" instead of two big "streets" separated by a swath of green. This helps connect the existing neighborhoods east of Route 1 with the new neighborhoods west of Route 1 better. The fact that the limited right-of-way on the west side of Route 1 defers BRT implementation for the foreseeable future is another major consideration for the supporters of the median alternative. Staff also reassured the community that protected left turns on Route 1 will be maintained as planned previously.

III. STAFF ANALYSIS

As part of the ongoing planning and implementation of the dedicated transit lanes on Route 1, staff followed the City Council's direction to work on the location, design and implementation of the transit lanes. The following discussion focuses on the location and configuration of the transit corridor within the Route 1 rightof-way which was approved by the City Council as part of the 2006 Master Plan amendment.

A. Alternative Transitway Configurations

During the planning of the Crystal City/Potomac Yard Transit Corridor, a number of location and configuration alternatives were considered for the segment between Monroe Avenue Bridge and East Glebe Road. Among these alternatives were :

- curbside transit lanes not physically separated from general traffic lanes;
- contra-flow transit lanes adjacent to the street median;
- directional transit lanes located on adjacent parallel streets;
- curbside transit lanes physically separated from adjacent general traffic lanes; and
- bi-directional transit travel ways located adjacent either side of the street or in the median.

For reasons ranging from "fatal flaws" (e.g. not providing a dedicated transit travelway) to adverse impacts on transit and general traffic operations, and transit service inconsistency, many alternatives were eliminated during the planning process and only two remained under consideration in 2006 when the master plan was amended to include the Crystal City/ Potomac Yard Transit Corridor project. As illustrated below, these were: (1) a two-lane, bidirectional transit travelway located in the median of Route 1; and (2) two single-lane directional transit lanes, one located on each side of Route 1 adjacent to the curb. Both alternatives provide physical separation between the transit lanes and the general traffic lanes.



Figure 2. Two-Lane Transitway Located in Median

This alternative (depicted above) provides two transit lanes, one for each direction of travel, located in the median of Route 1. Landscaped median areas separate the transit travelway from the general purpose traffic lanes. Transit stops are located in the median areas flanking the travelway. All transit stops are located immediately downstream of signal-controlled intersections.

The following graphics show similar median transitway configurations that have been implemented in Vancouver, BC (left) and proposed in Washington, DC (right).





Fig. 4. Median transitway in Washington, D.C.





Fig. 5. Single-Lane Transitways Located Adjacent to Curbs

This alternative (depicted above) provides one transit lane adjacent to the curb on each side of Route 1 for directional transit movement concurrent with the flow of general traffic. Curbs or comparable elements will separate the transit lanes from the adjacent general lanes. Transit stops are located in the sidewalk/landscape area adjacent to the street. All transit stops are located adjacent to signal-controlled intersections.

The graphics below show similar curbside transit lane configurations that have been implemented in Los Angeles, CA (left) and Orlando, FL (right).

Figure 6. Curbside transitway in Los Angeles, CA



Figure 7. Curbside transitway in Orlando, FL



B. Comparison of Transitway Design Features

Since the addition of this project to the City's Master Plan in April 2006, staff has continued to refine the design concepts for both the median and curbside transitway alternatives. In addition to interdepartmental work sessions, a multidisciplinary design charette was conducted in November 2006, with participation by several street, transit and urban design consultants, Dan Burden, a community walkability consultant, transit service providers, traffic operations experts, and staff of stakeholder city departments

(transportation; transit services; development; neighborhood and community planning; recreation, parks and cultural activities; police and code enforcement). As a result of these efforts, a number of refinements to the two design concepts were developed, as discussed below.

1. Right-of-way and street width:

Adjustments to the design widths of several street/ transitway cross-section elements and changes in the street drainage design resulted in the typical sections (shown below) for both alternatives. Both the initially required right-of-way and the curb-tocurb street widths for the median and curbside alternatives are the same at 118 feet and 100 feet, respectively.





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Figure 9. Curb-to-Curb Width – Curbside Transitway

- 2. Transit elements:
 - a. Dedicated transit lanes

In both alternatives, dedicated transit lanes separated from general traffic lanes by physical barriers are desirable for enhanced performance of the

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proposed transit service. The median alternative provides separated transit lanes for the full length of the corridor from the north end of the Monroe Avenue Bridge to East Glebe Road, except at signal-controlled intersections. The curbside alternative provides separation along the full length only on the east side of Route 1 (Potomac Yard side). On the west side, the openings in the separating barrier will be necessary to maintain access to intersecting streets at non-signalized intersections and to some adjacent properties, unless these properties are acquired as part of project implementation.

b. Transit Station Design

For both alternatives, transit stations can be of similar design, providing dual-door boarding/alighting capability and the same passenger amenities. Level-boarding platforms at stations, a desired feature of the transit system, require that the platforms be approximately 14 inches above the adjacent street pavement. While this can be readily provided with the median alternative, a curbside station encroaching into the sidewalk on a raised platform with ADA-compliant access ramps will significantly disrupt both the sidewalk and perimeter landscape areas. This is especially true for the west side of Route 1, where the existing curb and sidewalk conditions and the limited setbacks of the existing buildings preclude the opportunity to locate transit stations with adequate clearances for unobstructed and ADA-accessible sidewalks. In some cases, existing sidewalks are as narrow as six feet. The existing overhead power line poles within the existing sidewalks are additional obstructions that could be relocated or placed underground. However, the cost to relocate or

underground utility poles is prohibitively expensive. This creates a significant obstacle for the curbside option. Staff anticipates that when redevelopment occurs on the west side, utilities will be located below grade and the sidewalks will be widened at the time of redevelopment. As part of planning efforts for Route 1, staff is currently evaluating existing and possible land uses on the western portion of Route 1.



Figure 10. Example of a Narrow Sidewalk on the west side of Route 1

c. Traffic Control Plan

Traffic controls for transit vehicles and automobiles at the signalized intersections along the corridor differ for the two alternatives. The median alternative can operate with a simpler, more efficient traffic control plan. By allowing transit vehicles to traverse the intersections at any time during the signal phase for through traffic on Route 1, no special "transit only" phases are necessary, and both transit and general traffic flows are more efficiently served. The curbside alternative does not eliminate the conflict between through transit vehicles and right-turning traffic at intersections during the signal phase for through traffic on Route 1. To manage this conflict, either right turns will have to be restricted or special "transit only" signal intervals will be required. Both strategies result in less efficient traffic signal operation, and increased transit and general traffic delays.

3. Transit station access and pedestrian crossings:

The proposed locations of transit stations between the north end of the Monroe Avenue Bridge and East Glebe Road are all at intersections controlled by traffic signals. To enhance both transit access and pedestrian crossings of Route 1, the concepts for both alternatives include design and operational elements to improve the pedestrian environment. These include:

- Transit stations and pedestrian crossings located at signal-controlled intersections;
- High-visibility crosswalk treatments;
- Countdown and ADA-compliant audible pedestrian displays;
- Pedestrian refuge area(s) with extended median noses;
- Leading pedestrian "WALK" intervals; and
- Well-lit sidewalks and pedestrian crossings.



Figure 11. High-visibility Thermoplastic Crosswalk



Figure 12. Refuge area with extended median

The curbside alternative entails longer pedestrian crossings in order for a rider to catch transit vehicles travelling in the opposite direction of Route 1. This means a person has to cross the whole width of Route 1 (six lanes). For the median location, a rider need only cross half of the width of Route 1 (four lanes), regardless of the direction of transit vehicle. The shorter width for pedestrian crossings is most advantageous to people with mobility problems. The diagrams below show the difference in travel distance for a rider given the two alternatives.



4. Streetscape and "urban boulevard" concept:

Consistent with the Potomac Yard/Potomac Greens CDD Design Guidelines. both alternatives provide significant median areas for tree plantings and landscaping. and comparable sidewalk widths. The design guidelines envision Route 1 as an urban boulevard with a landscaped median 20 feet in width. Either alternative will reauire an adjustment to the urban boulevard landscaping on Route 1. As currently configured, the median



Figure 15. Artist sketch of median transitway in front of Potomac Yard Landbay H on Route 1

transitway alternative provides two median areas, each 15 feet wide, and the curbside alternative provides a single median area 20 feet wide. The median alternative will require a reduced landscaped area for the Potomac Yard landbays. This possibility was factored into the design of Landbay H, which was approved by City Council in October 2006. The illustration above shows a conceptual sketch of the landscaping for the median and in the Potomac Yard side of Route 1 for the median alternative. Existing conditions on the west side of Route 1 preclude any boulevard landscaping for both alternatives due to the limited right-of-way and the existence of overhead utility lines.

- 5. *Implementation:* The two alternatives differ distinctly in terms of their respective implementation challenges in key areas. Among these are:
 - a. Right-of-way Acquisition at the west side of Route 1.

Although the overall street width and initial right-of-way needs are the same for both alternatives, the available right-of-way on the west side of Route 1 is limited and is likely to remain so until such time as the abutting properties may be redeveloped. Neither alternative provides opportunity to improve the sidewalks and streetscape on the west side of Route 1. While this does not materially impact implementation or operation of the transit corridor for the median location alternative, it does present significant challenges to providing transit stations and reasonable access to those stations for the curbside alternative.

b. Timing

The transitway facilities can be constructed sooner and at lower cost for the median configuration alternative than for the curbside alternative. The latter alternative will require reconstructing the entire Route 1 roadway between Monroe Avenue Bridge and East Glebe Road in one phase whereas the median alternative can be implemented in phases as additional right-of-way becomes available. Given the limited building setbacks and the multiple property owners at the west side of Route 1, the curbside alternative is cost prohibitive and unpredictable.

c. Funding Availability.

The median transitway supports project eligibility for federal funding as a "fixed guideway" system. The mid-block openings necessary to maintain access to some properties along the west side of Route 1 is likely to compromise that funding eligibility designation.

A comparison of the median and curbside transitway alternatives reflecting the above discussion is included as an attachment to this report.

IV. <u>NEXT STEPS</u>

This is an important gateway and future boulevard for the City of Alexandria; hence, the future design of the transit lanes on Route 1 should balance the transit operation and safety with the landscape and urban design vision for Route 1. If approved, the proposed amendment will allow staff to proceed with working with the community on the design of the transit lanes in the median of Route 1, which will include landscaping, lighting, pedestrian crossings, shelter designs, etc. The final design of the transit lanes will require subsequent review and approval by the Planning Commission and City Council.

V. <u>STAFF RECOMMENDATION</u>

Staff recommends approval of the proposed amendment to the text in the transportation chapter of the City of Alexandria Master Plan to permit dedicated transit lanes to be located in the central landscaped median of Route 1 from East Glebe to north of the Monroe Avenue Bridge.

The proposed text amendment to the Master Plan is as follows (strike-throughs reflect existing text in the Master Plan proposed to be deleted, while the underlined text is proposed as part of the amendment):

"Route 1-Jefferson Davis Highway shall be designated as a transit corridor. Within the corridor, high-capacity transit service connecting Braddock Road Metrorail Station to the Crystal City/Pentagon area may be developed in general conformance with the Crystal City/Potomac Yard Transit Corridor Alternatives Analysis and compatible with the operation requirements of both bus rapid transit (BRT) and light rail transit (LRT). If <u>The</u> dedicated transit lanes are to be provided for the Crystal City/Potomac Yard Transit Corridor, the lanes shall be provided on Route 1 north of the Monroe Avenue bridge shall be provided within a central landscaped median, except that the transit lanes may connect to Potomac Avenue in the vicinity of the Town Center until sufficient right-of-way can be obtained. The final location, type, and design of any future dedicated transit service shall require approval by the Planning Commission and City Council. Any future transit lanes should maintain the character of Route 1 as an urban boulevard with a continual median, trees and street trees, and shall be reserved in perpetuity for exclusive public transit use."

<u>STAFF</u>

Rich Baier, Director, Transportation and Environmental Services Faroll Hamer, Director, Planning and Zoning Tom Culpepper, Deputy Director/Transportation Jeffrey Farner, Division Chief, Development, Planning & Zoning Kathleen Beeton, Division Chief, Neighborhood Planning, Planning & Zoning Amy Tarce, Principal Planner, Development, Planning & Zoning Raka Choudhury, Urban Planner, Development, Planning & Zoning Alexandra Schnell, Urban Planner, Neighborhood Planning, Planning & Zoning

ATTACHMENT 1 COMPARATIVE ANALYSIS OF ROUTE 1 TRANSITWAY CONFIGURATION ALTERNATIVES

CONSIDERATION	MEDIAN	CURBSIDE	
Overall transit performance	Better overall performance	Reduced, even with barriers between transit & vehicular lanes	
Transit travel delay	Lower due to increased "green time" at signal-controlled intersections (shares Rte 1 phase)	Higher due to reduced "green time" at signals (special phase)	
Overall Vehicular Traffic Safety	• Less conflicts between transit and other vehicular traffic mean less potential for accidents	 Increased potential for vehicular accidents 	
Conflicts between transit and vehicular traffic	 Less potential for conflicts with vehicles Left-turns from Rte 1 limited to protected movement only Left turns from side streets not restricted Right turns from Rte 1 not restricted Right turns from side streets not restricted 	 More potential for conflicts with vehicles Could potentially allow permissive left turns from Rte 1 with restricted transit green time Left turns from side streets not restricted Right turns from Rte 1 permitted only with exclusive transit phasing on both sides No Right Turn on Red (both sides) 	
General vehicular traffic flow	 Minimal impact No conflicts with left or right turning traffic (transit vehicles move concurrently with Rte 1 through traffic) 	 Reduces level of service at some intersections Additional phase or Intelligent Traffic System (ITS) required Conflicts between through transit movements and general traffic (right turns at intersections and mid-block curb cuts) 	

CONSIDERATION	MEDIAN	CURBSIDE
Use of transit lanes by vehicular traffic	General traffic less likely to use transit lanes	Significant enforcement required to control use by general traffic
Implementation timing and cost	 Can be constructed concurrent with Rte. 1 improvements Required ROW available 	 Requires reconstructing northbound lanes/sidewalk on west side of Rte 1 Additional Right-of-way needed on west side of Rte. 1
FTA funding implications	Supports New Starts/Small Starts eligibility as "fixed guideway"	Not considered "fixed guideway" without physical barrier separation
Landscaping	 Increases median landscape width Reduces landscape area between curb and building line on east side of Rte. 1 Requires adjustments to design of urban boulevard prescribed by the Potomac Yard CDD design guidelines 	 No effect on median landscaping area prescribed by the Potomac Yard CDD design guidelines Transit stations encroach on pedestrian and landscape areas No room for Stations in many blocks on west side of Route 1 due to narrow sidewalks
Pedestrian crossings of Rte 1 Crossings at intersections only (well- lit and signalized with crosswalks, countdown timers, leading pedestrian intervals, etc.)	 Full crossing = 3 lanes + median + transitways + median + 2 lanes (equal distance to curbside, stage lengths are different) Crossing is broken into three 23' to 33' stages 	 Full crossing = transitway + 3 lanes + median + 2 lanes + transitway (equal distance to median, stage lengths are different) Crossing is broken into two 40' to 50' stages
Pedestrian access to transit	 In one direction, pedestrians cross only one direction of vehicular travel lanes to median (23' to 33') In other direction, pedestrians cross transitways & buffer in addition to one direction of vehicular travel lanes (62') 	 In one direction, pedestrians board/disembark curbside (0') In other direction, pedestrians cross all lanes, median refuge & transitways on Rte 1 (both directions of travel) (100')

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RESOLUTION NO. <u>MPA 2007 - 0001</u>

WHEREAS, under the Provisions of Section 9.05 of the City Charter, the Planning Commission may adopt amendments to the Master Plan of the City of Alexandria and submit to the City Council such revisions in said plans as changing conditions may make necessary; and

WHEREAS, an application for amendment to the Transportation chapter of the 1992 Master Plan was filed with the Department of Planning and Zoning on 5/21/07 for the location of the dedicated transit lanes on Route 1 within a central landscaped median; and

WHEREAS, the Department of Planning and Zoning has analyzed the proposed revision and presented its recommendations to the Planning Commission; and

WHEREAS, a duly advertised public hearing on the proposed amendment was held on June 5, 2007 with all public testimony and written comment considered; and

WHEREAS, the Planning Commission finds that:

1. The proposed amendment is necessary and desirable to guide and accomplish the coordinated, adjusted and harmonious development of the Potomac Yard Small Area Plan section of the City; and

2. The proposed amendment is generally consistent with the overall goals and objectives of the 1992 Master Plan and with the specific goals and objectives set forth in the Transportation chapter of the 1992 Master Plan; and

3. The proposed amendment shows the Planning Commission's long-range recommendations for the general configuration of the Jefferson Davis Highway - Route 1 dedicated transit/BRT lanes adjacent to the Potomac Yard development; and

4. Based on the foregoing findings and all other facts and circumstances of which the Planning Commission may properly take notice in making and adopting a master plan for the City of Alexandria, adoption of the amendment to the Transportation chapter of the 1992 Master Plan will, in accordance with present and probable future needs and resources, best promote the health, safety, morals, order, convenience, prosperity and general welfare of the residents of the City;

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NOW, THEREFORE, BE IT RESOLVED by the Planning Commission of the City of Alexandria that:

1. The following amendment is hereby adopted in its entirety as an amendment to the Transportation chapter of the 1992 Master Plan of the City of Alexandria, Virginia in accordance with Section 9.05 of the Charter of the City of Alexandria, Virginia:

"Route 1-Jefferson Davis Highway shall be designated as a transit corridor. Within the corridor, high-capacity transit service connecting Braddock Road Metrorail Station to the Crystal City/Pentagon area may be developed in general conformance with the Crystal City/Potomac Yard Transit Corridor Alternatives Analysis and compatible with the operation requirements of both bus rapid transit (BRT) and light rail transit (LRT). If-The dedicated transit lanes are to be provided for the Crystal City/Potomac Yard Transit Corridor, the lanes shall be provided on Route 1 north of the Monroe Avenue bridge shall be provided within a central landscaped median, except that the transit lanes may connect to Potomac Avenue in the vicinity of the Town Center until sufficient right-of-way can be obtained. The final location, type, and design of any future dedicated transit service shall require approval by the Planning Commission and City Council. Any future transit lanes should maintain the character of Route 1 as an urban boulevard with a continual median, trees and street trees, and shall be reserved in perpetuity for exclusive public transit use."

2. This resolution shall be signed by the Chairman of the Planning Commission and attested by its secretary, and a true copy of this resolution forwarded and certified to the City Council.

ADOPTED the 5th day of June, 2007.

Eric Wagner, Chairman Alexandria Planning Commission

ATTEST:

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Alexandria Planning Commission June 5, 2007



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Dear Chairman Wagner and Members of the Planning Commission,

A text amendment that would designate the middle or median strip down Route 1 as the location for bus rapid transit for Potomac Yard is before you again.

This first came before you about a year ago. Every member of the public who testified at that hearing, testified against locating the BRT in the middle of an interstate highway. The Commission deferred the item and directed that the Department of Transportation and Environmental Services seek public input on where the BRT should be located.

A short time later the Ad Hoc Transportation Task Force sponsored a very well attended public meeting on the topic of where the BRT should run. Mr. Tom Culpepper spoke at some length to the group and gave us about five options for a BRT location, on the Yard itself and several configurations that would be in Route 1 including the down-the-middle option. Then the group divided into tables to rate the desirability of each option and have someone from each small group report its conclusions. There was no consensus in favor of any option, although the largest number favored running a single BRT line on each side of the road. The one point of striking agreement was that the down-the-middle of Route 1 ranked last and was favored by no group.

Last January the Ad Hoc Transportation Task Force again sponsored a meeting to discuss the location of the BRT in Route 1. Very few people attended. This time Mr. Culpepper presented only the two options of down-the-middle of a busy, (soon to be even more busy) highway and along the sides. Although he presented the down the middle option as the best, he got only one or two people to agree that it was a good option. At least one other person than me said she would be frightened to stand in the middle of the highway to catch a bus. David Fromm, who was present, suggested that more in depth technical study of the feasibility of putting BRT in the median was needed. Although he didn't say so, he must have felt as I did, that we were be being offered only suppositions and assumptions as to why the middle of the road was the best location.

So here we are again, with the Department of Transportation and Environmental Services again presenting putting BRT into the middle of an interstate highway. It is as if no public meetings were ever held. I believe that standing in the middle of Route 1 could be made physically safe. But it will never be perceived as safe. This would be likely to be the first BRT route in the city, because it is going to be easier to retrofit Route 1 than Duke Street or any other street with established homes and businesses on each side of the road. If BRT fails for lack of ridership on the Route 1 line, it would be unlikely that any other dedicated transit lane would be built for many years. I believe BRT or at some future date, rapid light rail is in our future. I want it to happen. It would be tragic if it gets a false start that delays a true rapid transit system running in dedicated lanes for y ears to come.

I hope that the Commission will direct the proponents of this option to at a very minimum do the technical study David Fromm suggested before going forward. Please do not mandate this option at your May meeting. I regret that I am unable to be present for your meeting. Despite my necessary absence, this is a matter of great concern to me.

Katy Cannady 20 East Oak Street Alexandria, VA

APPLICATION for SUBDIVISION

SUB # 2007-0001

PROPERTY LOCATION: Potomac Yard Retail Center, 3601 Jefferson Davis Highway

TAX MAP REFERENCE: 16.02 01 01

ZONE: CDD-10

APPLICANTS' NAME: Potomac Yard Development, LLC ADDRESS: 2501 Jefferson Davis Highway, Alexandria, Virginia 22301 AND

CPYR, Inc. P. O. Box 4900, c/o Property Tax Inc. Dept., Scottsdale, AZ 85261-4900

PROPERTY OWNER NAME: CPYR, Inc. ADDRESS: P. O. Box 4900, c/o Property Tax Inc. Dept. Scottsdale, Arizona 85261-4900

SUBDIVISION DESCRIPTION: Approval of a plat of subdivision for the dedication of the Potomac Avenue public right of way.

THE UNDERSIGNED hereby applies for a Subdivision in accordance with the provisions of Section 11-1700 of the Zoning Ordinance of the City of Alexandria, Virginia.

THE UNDERSIGNED, having obtained permission from the property owner, hereby grants permission to the City of Alexandria to post placard notice on the property for which this application is requested, pursuant to Article XI, Section 11-301 (B) of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.

THE UNDERSIGNED also attests that all of the information herein provided and specifically including all surveys, drawings, etc., required of the applicant are true, correct and accurate to the best of their knowledge and belief.

Land, Clark, Carroll, Mendelson & Blair, P.C.		MADD	(MM)		
Duncan W. Blair, Esquire, Co-Counsel		VIU. Datty			
Print Name of Applicant or Agent		Signature			
524 King Street	dblair@landclark.com	703 836-1000	703 549-3335		
Mailing/Street Address	E-mail	Telephone #	 Fax #		
Alexandria, Virginia	22314	January 23, 2007			
City and State	Zip Code	Date	<u></u>		
SEE ATTACHED					
<u>====== DO NOT WRITE BELOW THIS LINE - OFFICE USE ONLY</u> ====================================					
Application Received: 1/23/	Date & Fee P	aid: <u>560. OU</u>	sm'		
ACTION - PLANNING COM	MMISSION:Approved_w	amendments 6-0	May 1, 2007		

CC approved the PC recommendation 6-0 (6/16/07) ACTION - CITY COUNCIL: Zoning\PotomacYard-SubdivisionApp 0107

Gity Gouncil approved the Planning Commission recommendation and tor designate the median area as the location for the dedicated transit lanes". Council Action: _____

SPECIAL USE PERMIT #2007-0027 11. **1225 POWHATAN STREET** VASO'S KITCHEN Public Hearing and Consideration of a request to amend a special use permit to increase seating, add alcohol service and a request for a parking reduction; zoned RB/Residential. Applicant: Vasiliki Voiliotis and Efthalia Dhana

PLANNING COMMISSION ACTION: Recommend Approval w/amendments 5-0

City Council approved the Planning Commission recommendation, with an amendment to condition #33 to add that it is in consultation with the North East Citizens' Association. Council Action:______

SPECIAL USE PERMIT #2007-0033 12. **719 KING STREET** RESTAURANT Public Hearing and Consideration of a request to amend a special use permit for a restaurant to allow delivery service, increased seating, extended hours, and live entertainment; zoned CD/Commercial Downtown. Applicant: Hayman Rajamani

PLANNING COMMISSION ACTION : Recommend Approval 5-0

City Council approved the Planning Commission recommendation, with the deletion of the request for increased seating. Council Action:_____

13. ENCROACHMENT #2007-0002

711-717 GIBBON STREET

Public Hearing and Consideration of a request for an encroachment into the public right-of-way for gas meters; zoned CL/Commercial Low. Applicant: Ellis Denning Construction, LLC by Mary Catherine Gibbs, attorney

PLANNING COMMISSION ACTION : Recommend Approval 5-0

City Council approved the Planning Commission recommendation. Council Action:_____

14. DEVELOPMENT SPECIAL USE PERMIT #2006-0023(A) SPECIAL USE PERMIT (TMP) #2007-0018 (B)