APPENDIX E
Potomac Yard Metrorail Implementation Work Group
Presentation
POTOMAC YARD
METRORAIL STATION PROJECT

Potomac Yard Metrorail
Implementation Work Group
January 14, 2019
AGENDA

• Development Special Use Permit Update
• Additional State Funding
• South Entrance Design Process
• PYMIG Discussion
• Public Discussion
DSUP UPDATE

• December 6th Planning Commission Approval

• December 15th City Council Approval

• Modifications to the plan to enhance the south entrance will require a DSUP amendment
BACKGROUND: NEW FUNDING FOR SOUTH ENTRANCE

• $50 million funding for south entrance is a result of Amazon HQ2 and VT Innovation Campus

CONCEPTUAL RENDERING
BACKGROUND: NEW FUNDING FOR SOUTH ENTRANCE

• Priority is maintaining existing design/construction schedule

• State has committed to support acceleration of transportation projects

• Funds still must be formally approved by the Commonwealth Transportation Board
OVERVIEW: SOUTH ENTRANCE DESIGN

Opportunity:
• Enhanced station access

Challenges/Risks:
• Cost
• Schedule
• Constructability
PYMIG PROCESS AND SCHEDULE FOR SOUTH ACCESS

PYMIG MEETING 1
South access background and process

PYMIG MEETING 2
Viable ideas

PYMIG MEETING 3
Idea refinement
Cost

PYMIG MEETING 4
PYMIG south access recommendation

Note: Additional PYMIG meetings may be scheduled to discuss other project topics
CONSIDERATIONS: SOUTH ENTRANCE DESIGN

- Cost (design within available funding)
- Timing of available funding
- Construction impacts on the community
- Risk to project schedule
- Enhance station access
- WMATA Operations & Maintenance
SOUTH ENTRANCE - ORIGINAL DESIGN

N. Mezzanine
Faregates & Kiosk
(4) Elevators
(2) Escalators
(2) Stairs

Inbound Platform

S. Mezzanine
Faregates & Kiosk
(4) Elevators
(2) Escalators
(2) Stairs

E. Ramp
16' Wide
540' Long

Outbound Platform

N. Ped. Bridge
12' Wide
185' Long

NW Ped. Bridge
12' Wide
210' Long

W. Ramp
16' Wide
470' Long

S. Ped. Bridge
16' Wide
280' Long

N. Entrance Pavilion
(2) Elevators
(2) Escalators
(1) Stair

S. Entrance Pavilion
(2) Elevators
(2) Escalators
(1) Stair
SOUTH ENTRANCE DESIGN IDEA #1
SOUTH ENTRANCE PAVILION W/ BRIDGE
**SOUTH ENTRANCE DESIGN IDEA #2**

**E. GLEBE RAMP w/ MOVING WALKWAY**

- **E. Elevator Entrance**
- **2 Elevators**
- **N. Mezzanine**
- **Faregates & Kiosk**
- **4 Elevators**
- **2 Escalators**
- **2 Stairs**

**Inbound Platform**

**Outbound Platform**

- **N. Ped. Bridge**
  - 16' Wide
  - 165' Long

- **NW Ped. Bridge**
  - 16' Wide
  - 210' Long

- **Egress Stair**

- **N. Entrance Pavilion**
  - 2 Elevators
  - 2 Escalators
  - 1 Stair

- **W. Ramp w/ Moving Walkways**
  - 24' Wide
  - 520' Long
  - 4 Moving Walkways
  - 6' Wide
  - 220' Long
SOUTH ENTRANCE DESIGN IDEA #3
SOUTH ENTRANCE PAVILION w/ SMALL MEZZANINE
# Potomac Yard Metrorail Additional Entrance Design Ideas Decision Matrix

<table>
<thead>
<tr>
<th>Design Ideas:</th>
<th>Order of magnitude is less than $50M</th>
<th>Minimize schedule risks</th>
<th>Maximize accessibility to station</th>
<th>Minimize additional impacts to community</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Design - E. Glebe Ramp (as approved by City Council)</td>
<td>---</td>
<td>●</td>
<td>---</td>
<td>●</td>
</tr>
<tr>
<td>Original Design</td>
<td>No</td>
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<td>○</td>
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<tr>
<td>1) South Entrance Pavilion w/ Bridge</td>
<td>Yes</td>
<td>○</td>
<td>●</td>
<td>○</td>
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<tr>
<td>2) E. Glebe Ramp w/ Moving Walkway</td>
<td>Yes</td>
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<td>●</td>
<td>○</td>
</tr>
<tr>
<td>3) South Entrance Pavilion w/ Small Mezzanine</td>
<td>?</td>
<td>●</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**Qualitative Rating Scheme**

- 5/Best/Meets criteria most ●
- 4 ○
- 3 ○
- 2 ○
- 1/Worst/Meets criteria least ○
Discussion