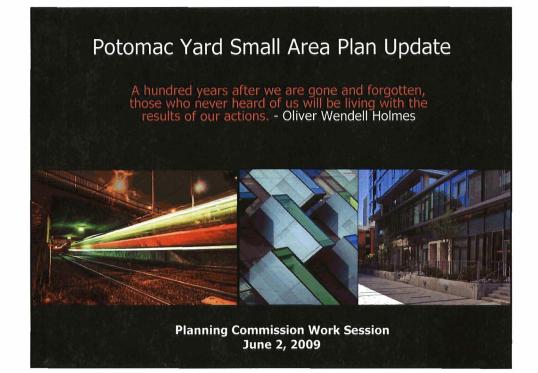
<u>WS</u> 6-9-09

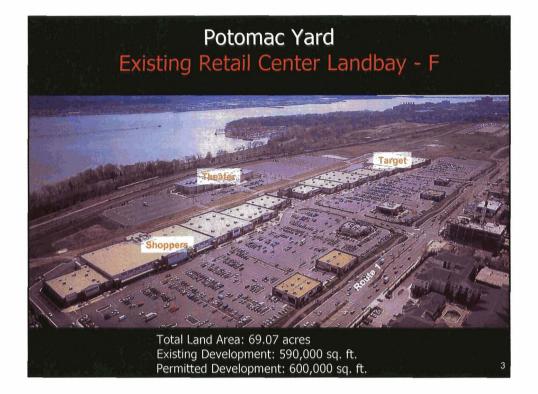
For your information - attached is the presentation from the June 2, 2009, Planning Commission work session regarding the Potomac Yard Planning Advisory Group and the Metrorail Station Feasibility Work Group. You will be given a compressed version of this presentation for the work session on the same topic scheduled for Tuesday, June 9, but staff thought slides from this longer version would be helpful to review prior to the work session.

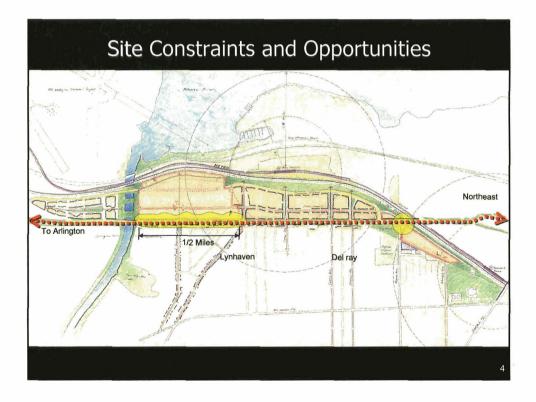


## Planning Commission Worksession Potomac Yard

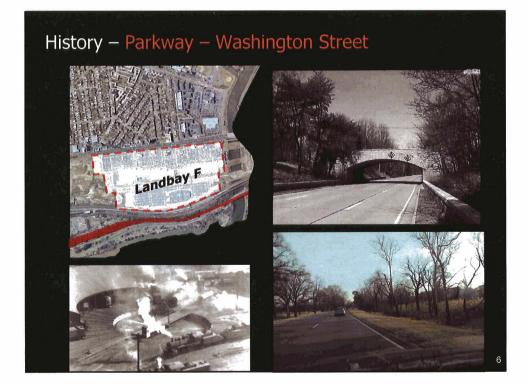
- Update on Potomac Yard Planning Advisory Group
- Overview of Preliminary Results of Transportation Study
- Update on Metrorail Station Feasibility Work Group











### Potomac Yard PYPAG Vision Statement

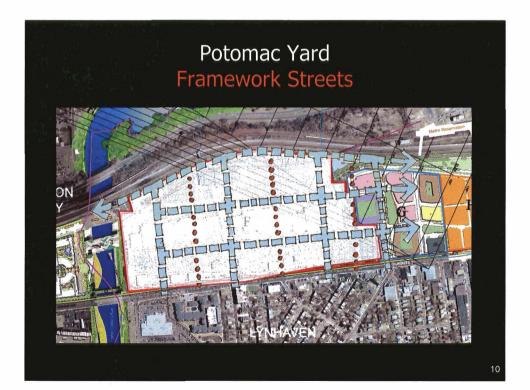
"The Potomac Yard Planning Advisory Group envisions Potomac Yard as an environmentally and economically sustainable and diverse 21<sup>st</sup> Century urban, transit-oriented, mixed-use community that is compatible with adjacent neighborhoods. We seek to create a regional destination with diverse built and natural spaces where people want to spend time in a wide variety of pursuits."

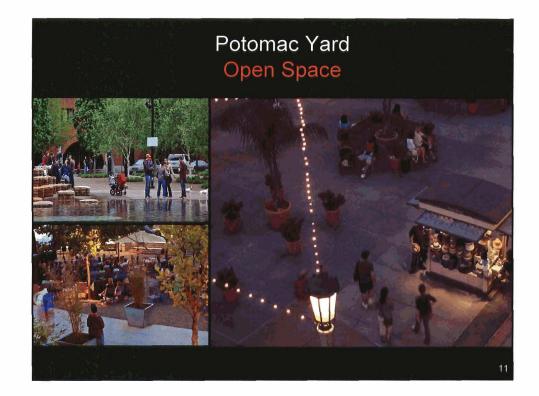
### **PYPAG** - Plan Principles

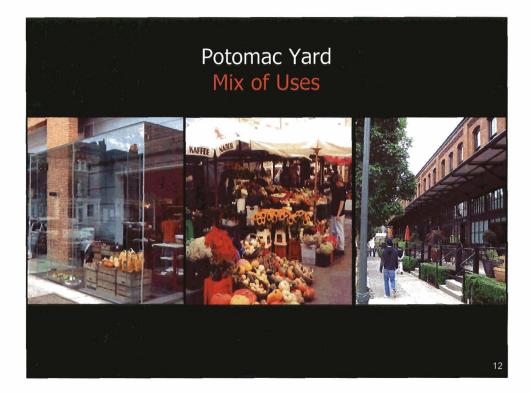
- Create Potomac Yard as a model of environmental sustainability for its site planning, infrastructure, and buildings.
- Create an economically sustainable development.
- Promote excellence in design with a new standard in architecture, urban design, and materials that creates a compelling and lasting identity.
- Create a vibrant and diverse mixed-use community that provides options for living, working, shopping, recreation, culture, and civic uses for a wide range of incomes and ages.
- Pursue a comprehensive multi-modal approach to transportation based on a highly walkable urban environment, minimal automobile use impact, and a maximum use of existing and new Metro stations.
- Create attractive landscaped streets and a network of usable open spaces and parks with a strong connection to Four Mile Run and the Potomac.
- Provide connections and transitions appropriate to and protective of the character of surrounding neighborhoods.

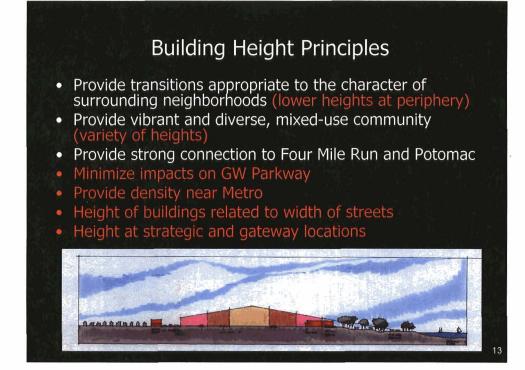


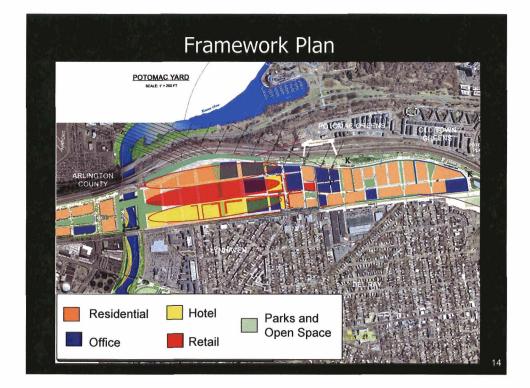
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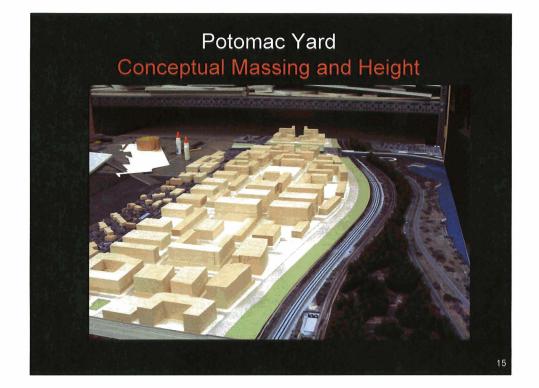


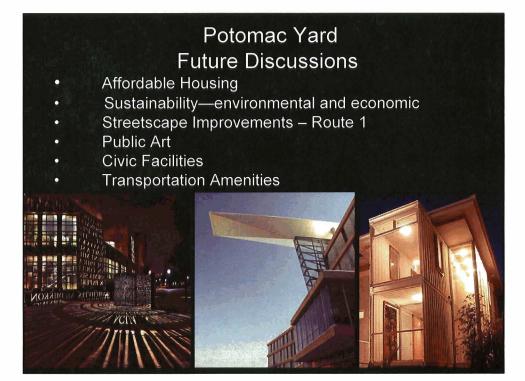


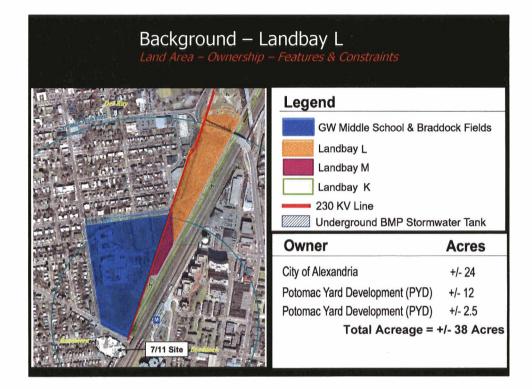


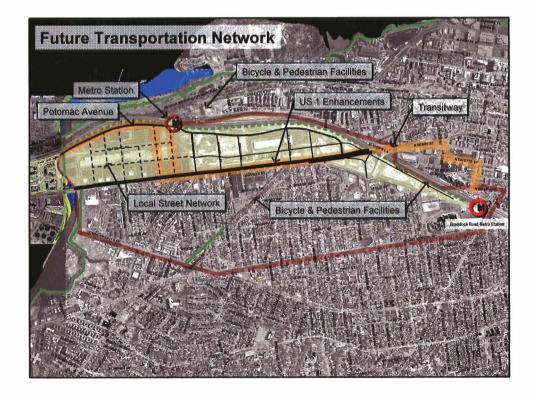






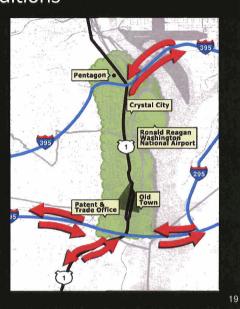


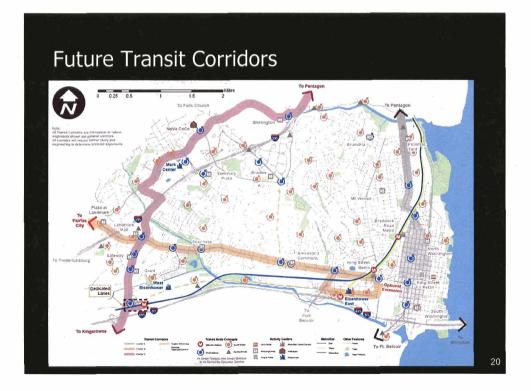




# **Regional Conditions**

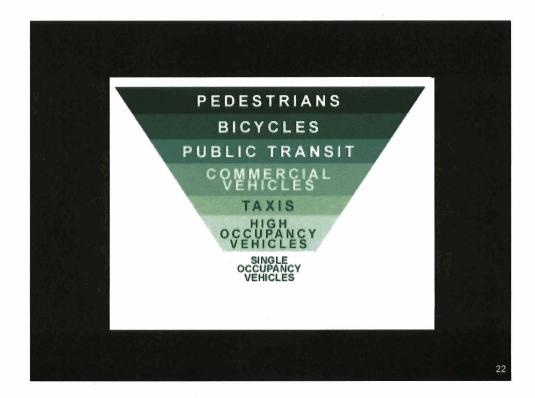
- Natural and physical barriers constrain travel options
- Major destinations along Route 1
- Beltway heavily influences traffic conditions along Route 1

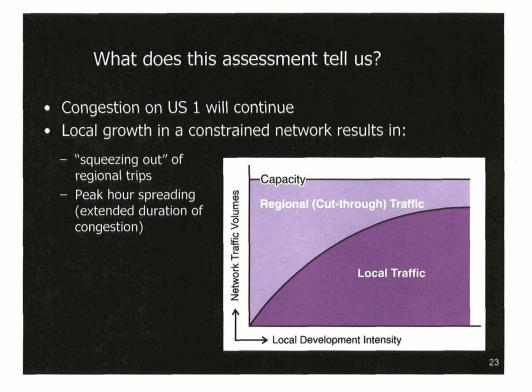




# Dedicated Route 1 Transit Corridor

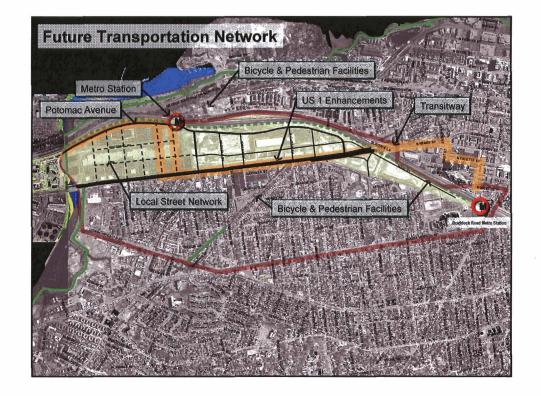


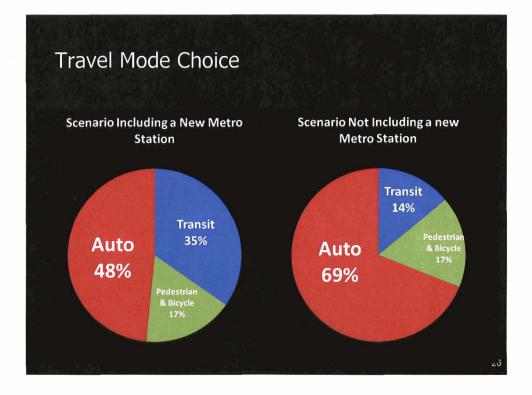


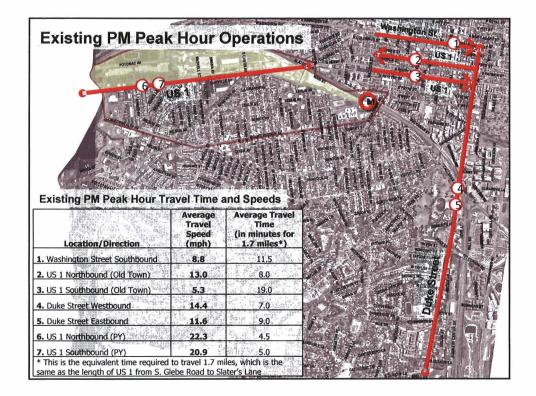


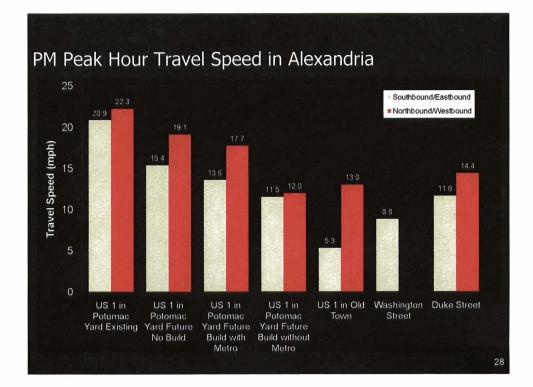
# Study Assumptions

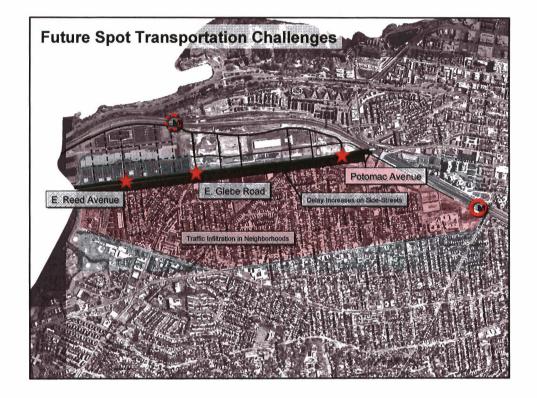
- Development density
- Future transportation network
- Travel mode choice
- General traffic growth

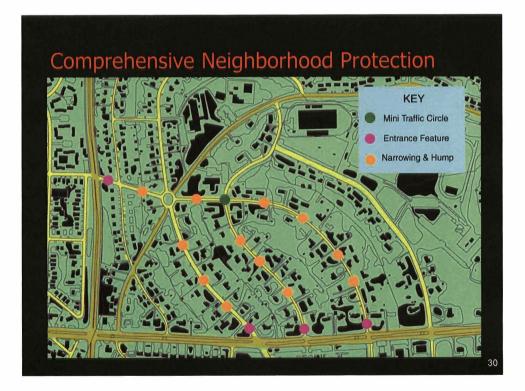












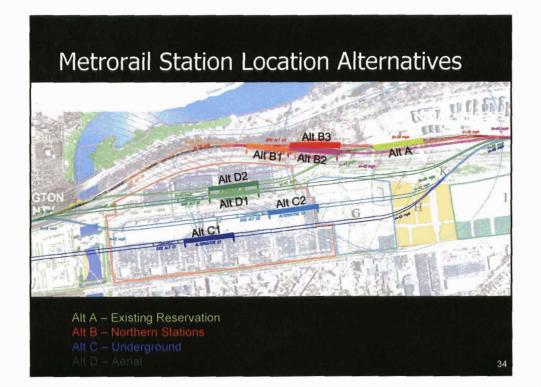


# Summary Points

- US 1 will approach capacity regardless of redevelopment
  - With additional urbanization, more local trips will be carried
  - With less urbanization, more regional through trips will be carried
- Planned multimodal improvements can accommodate projected levels of density
  - With new Metro station additional density can be accommodated
  - Without new Metro station less new density can be accommodated
- Neighborhood streets can be protected
  - Managing intersections
  - Comprehensive neighborhood traffic management strategy
  - Redevelopment creates opportunity
    - New Metro station
    - Transitway
    - Decreased auto-orientation
    - Amenities

### PYPAG and Transportation Subcommittee Consensus Points

- Planning for Potomac Yard should include a Metro
- Generally comfortable with conditions with 2.5 FAR
- The proposed level of delay is acceptable
- Framing of findings in terms of travel time delay is reasonable
- Maximize access to transit corridor
- Manage impacts to protect surrounding neighborhoods



## Station Design Requirements

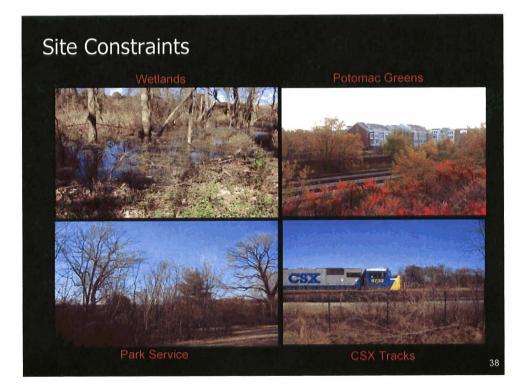
- 600 foot long platform (8 car train length)
- 730 feet of level, straight track at the station
- Maximum grade is 4% (4 ft of rise for 100 ft of travel)
- Curved track to accommodate 45 mph train speed
- Redundant elevators for ADA accessibility
- Double cross-over ('x' shaped track) for operational flexibility
- Ancillary space for operational requirement

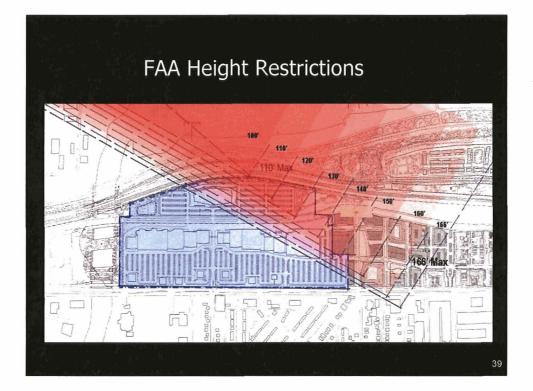
Summary of Alternatives Alternatives Characteristic **B1 B**2 C1 C2 D1 A **B**3 D2 At-grade, At-grade, At-grade, In tunnel, Aerial, Aerial, side side side center center center Station Type platform platform platform platform platform platform Approximate development within 1/4 10.0 mile, million square feet 3.5 Not Viable 9.5 9.5 Not Viable 5.5 5.5 Approximate development within 1/2 mile, million square feet 10.0 14.0 14.0 14.5 14.0 14.0 Construction impacts Medium Medium High Medium Medium on Metrorail operations High Preliminary estimated capital cost, million 2012 dollars \$140-180 \$150-200 \$140-180 \$410-520 \$230-300 \$200-260

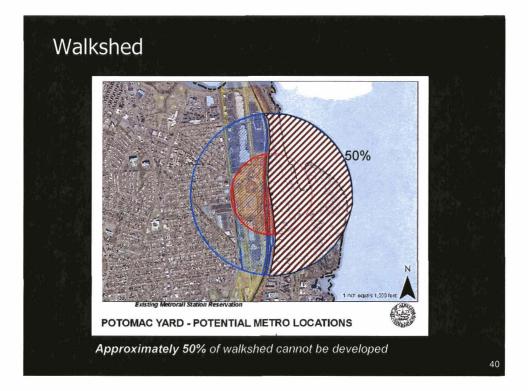
\* Does not include potential development for properties west of Route 1

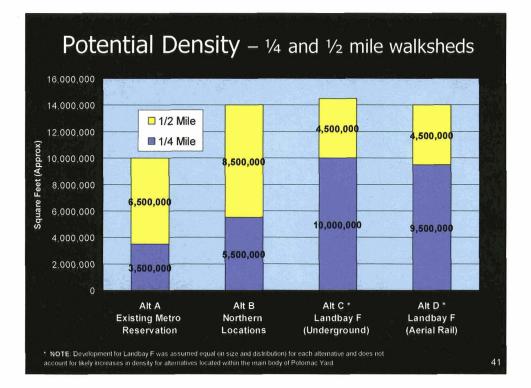
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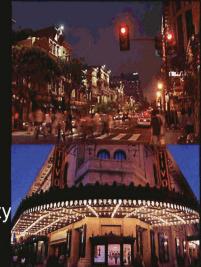


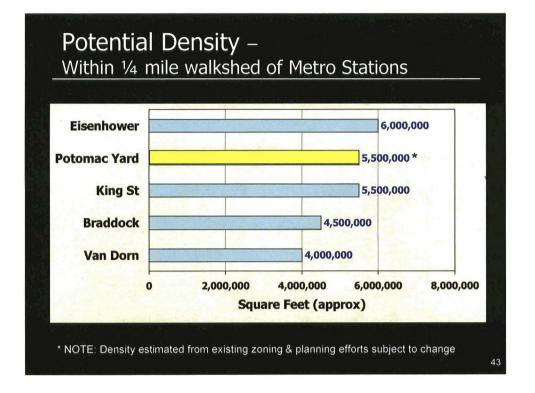


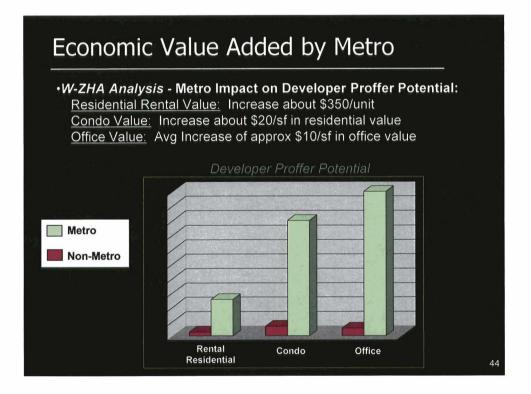


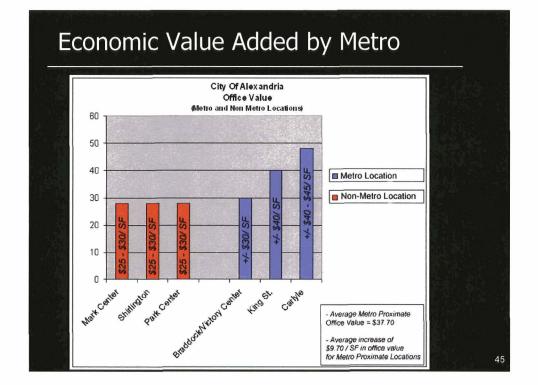
# Balancing Issues – Cost vs. Value

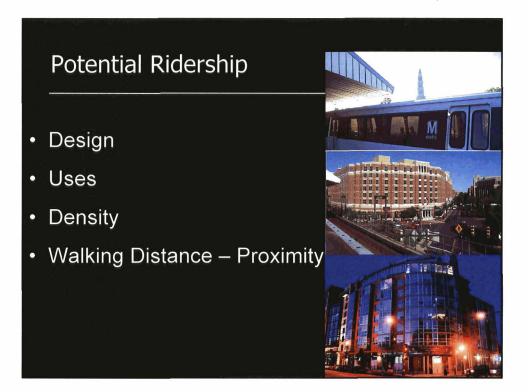
- Land Use Density
- Economic Values
- Accessibility & Ridership
- Transit Corridor Impacts
- Urban Amenities
- Open Space Impacts
- Environmental Sustainability

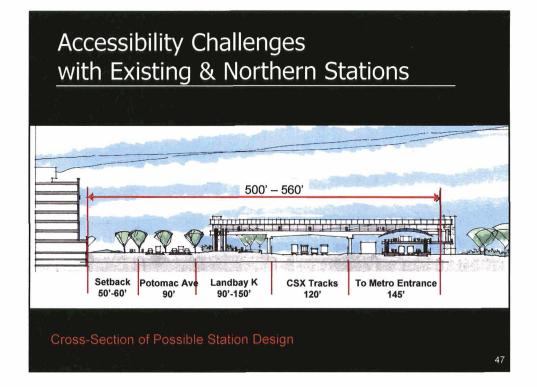








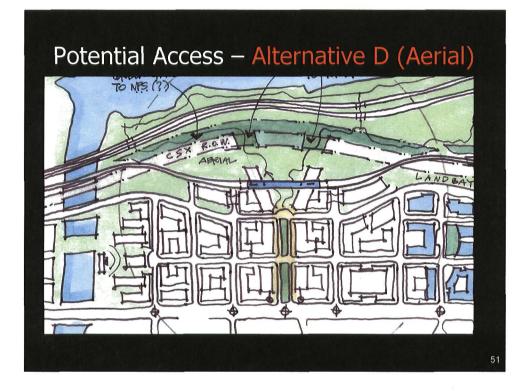


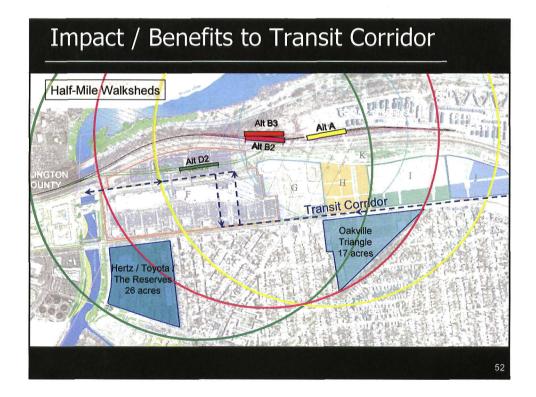


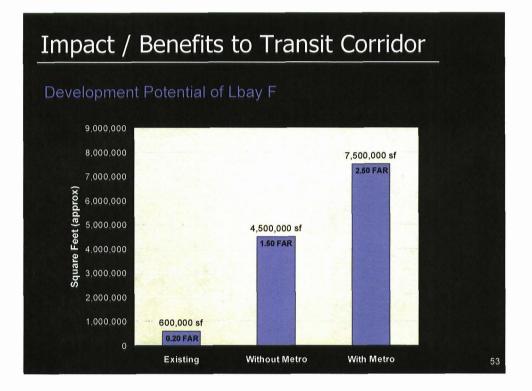




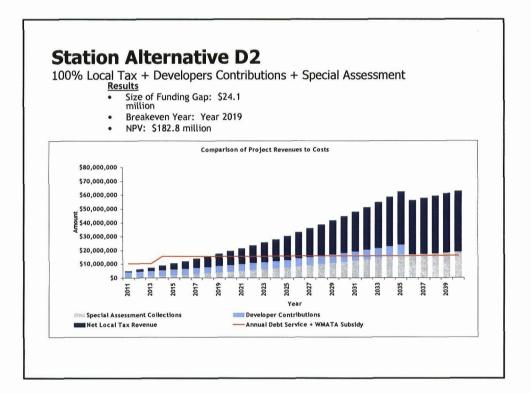


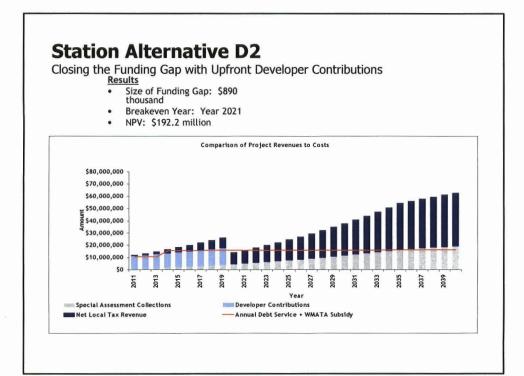






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