



# *Dulles Corridor Metrorail Extension*

presented to

**Station Access Advisory Committee**

by

**Richard F. Stevens  
Fairfax County Department of Transportation**

February 27, 2007



# Dulles Corridor Metrorail Extension to Wiehle Avenue

- Purpose:
  - Provide an brief overview of the project status
    - Alignment
    - Project Funding
    - Schedule



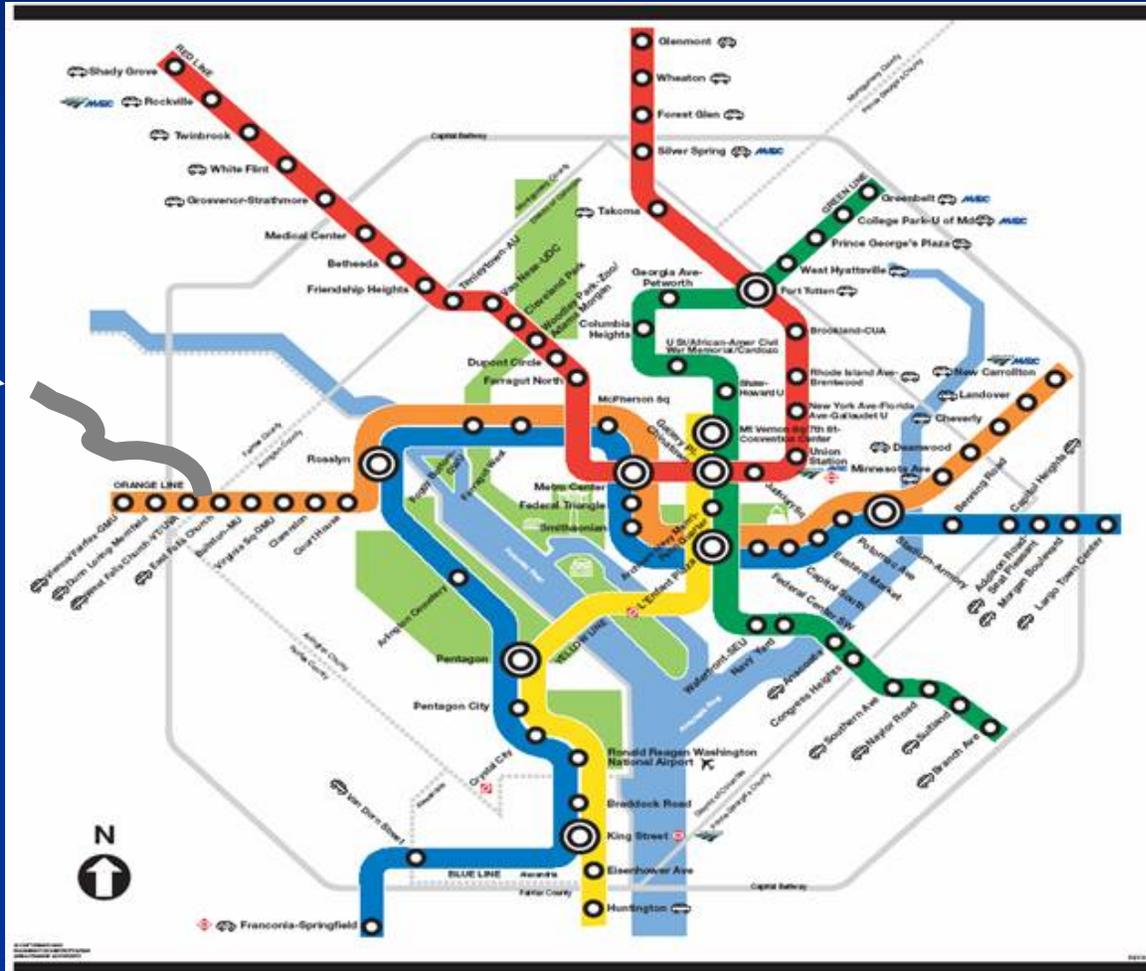
# Dulles Corridor Metrorail Extension to Wiehle Avenue

- The Approved Project
  - The Federal Transit Administration (FTA) approved a 23 mile seamless extension of the Washington DC Metrorail system into Northern Virginia
    - Fairfax County – 8 stations
    - Loudoun County – 2 stations
    - Dulles Airport – 1 station
  - Construction in two phases
    - Phase I – extension to Wiehle Avenue
    - Phase II – extension Dulles Airport and Loudoun Co
  - Public/Private Partnership
    - Virginia Public Private Transportation Act (PPTA)



# Dulles Corridor Metrorail Extension to Wiehle Avenue

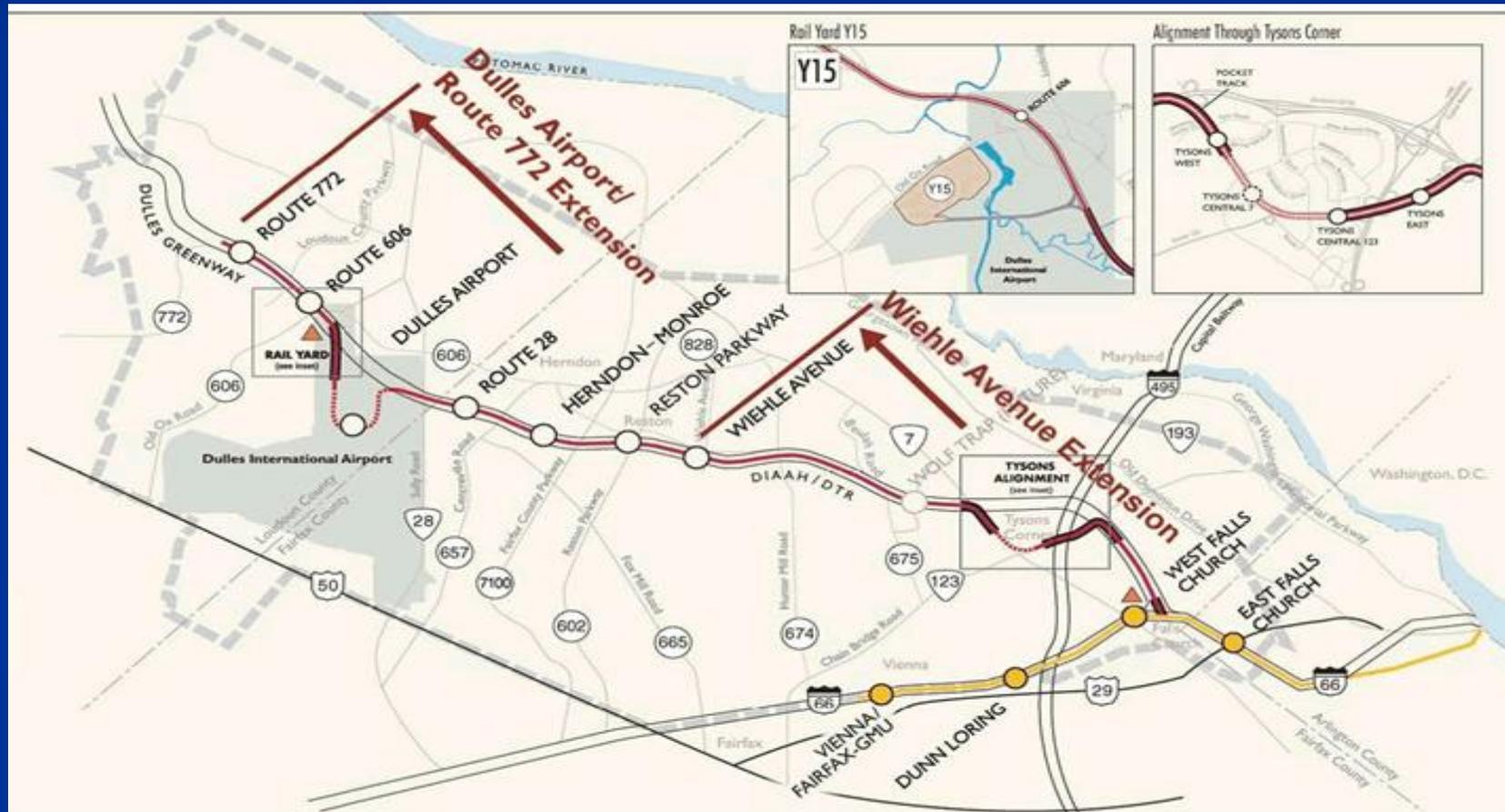
Dulles Metrorail Extension to Wiehle Ave





# Dulles Corridor Metrorail Extension to Wiehle Avenue

Dulles Corridor Approved Project and Phase I Extension to Wiehle Ave





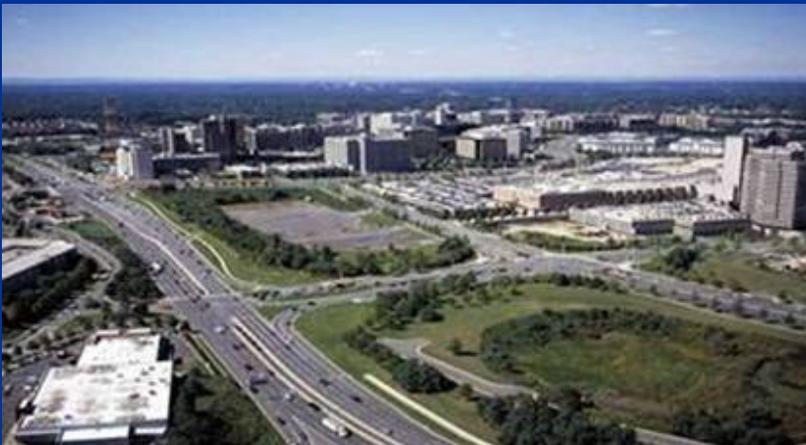
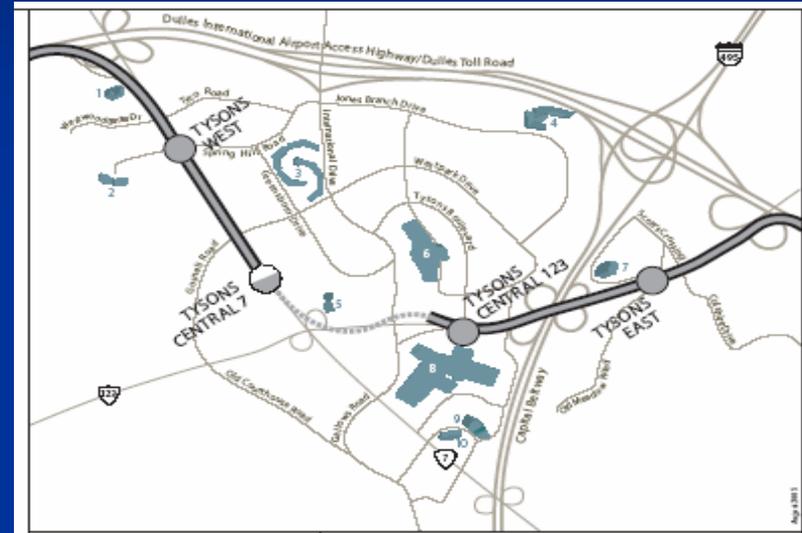
# Dulles Corridor Metrorail Extension to Wiehle Avenue

- The corridor is composed of four major nodes:
  - Tysons Corner
    - 37 million sf of office, commercial and retail space
    - 2<sup>nd</sup> only to Washington DC
  - Reston
    - Planned Community of 60,000 residents and 50,000 jobs
  - Dulles Airport
    - One of the fastest growing airports in the nation
    - About 25 million annual enplanements
  - Loudoun County
    - Top 5 of the fastest growing counties in the nation
    - Population and employment to double in next 10 years



# Dulles Corridor Metrorail Extension to Wiehle Avenue

Tysons Corner Fairfax County's "Downtown"





# Dulles Corridor Metrorail Extension to Wiehle Avenue

Typical Elevated Alignment and Station





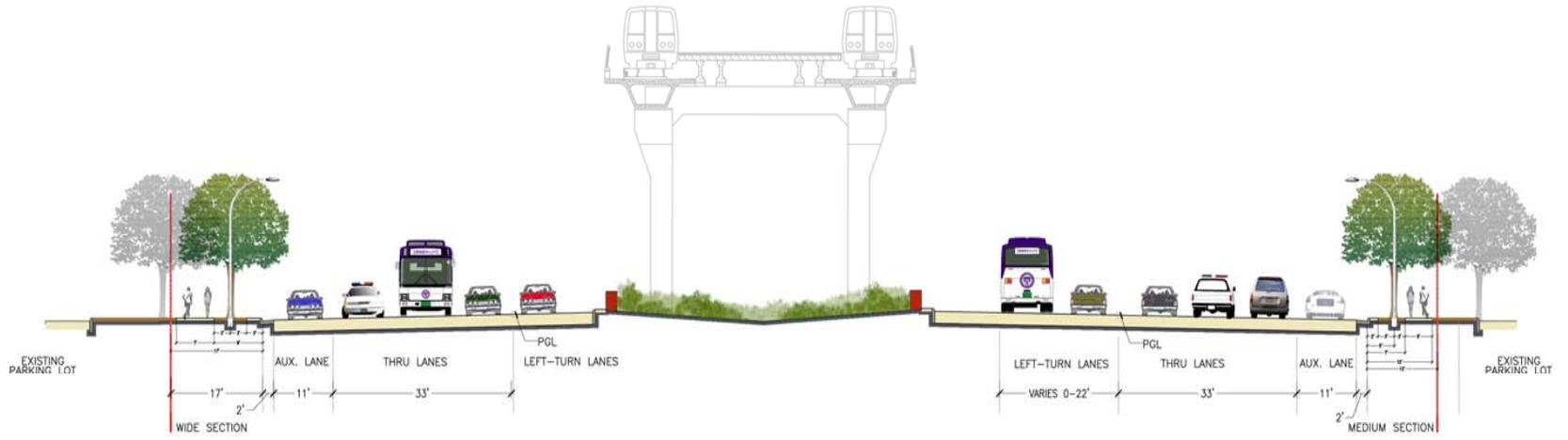




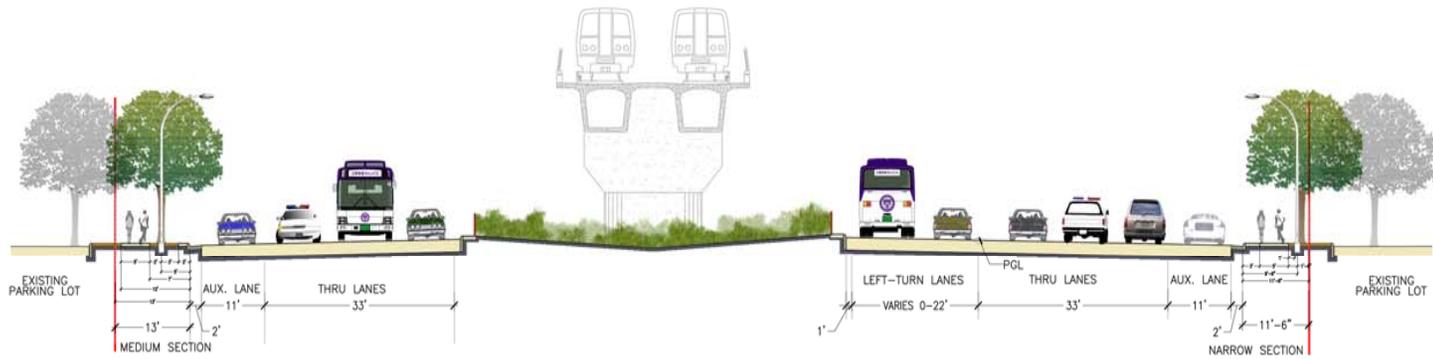


di Domenico + Partners

09.26.2006



SECTION AT TYSONS WEST STATION — WIDE SECTION ON LEFT, MEDIUM SECTION ON RIGHT  
 1"=10'  
 0' 5' 10'



SECTION ALONG ROUTE 7 — MEDIUM SECTION ON LEFT, NARROW SECTION ON RIGHT  
 1"=10'  
 0' 5' 10'

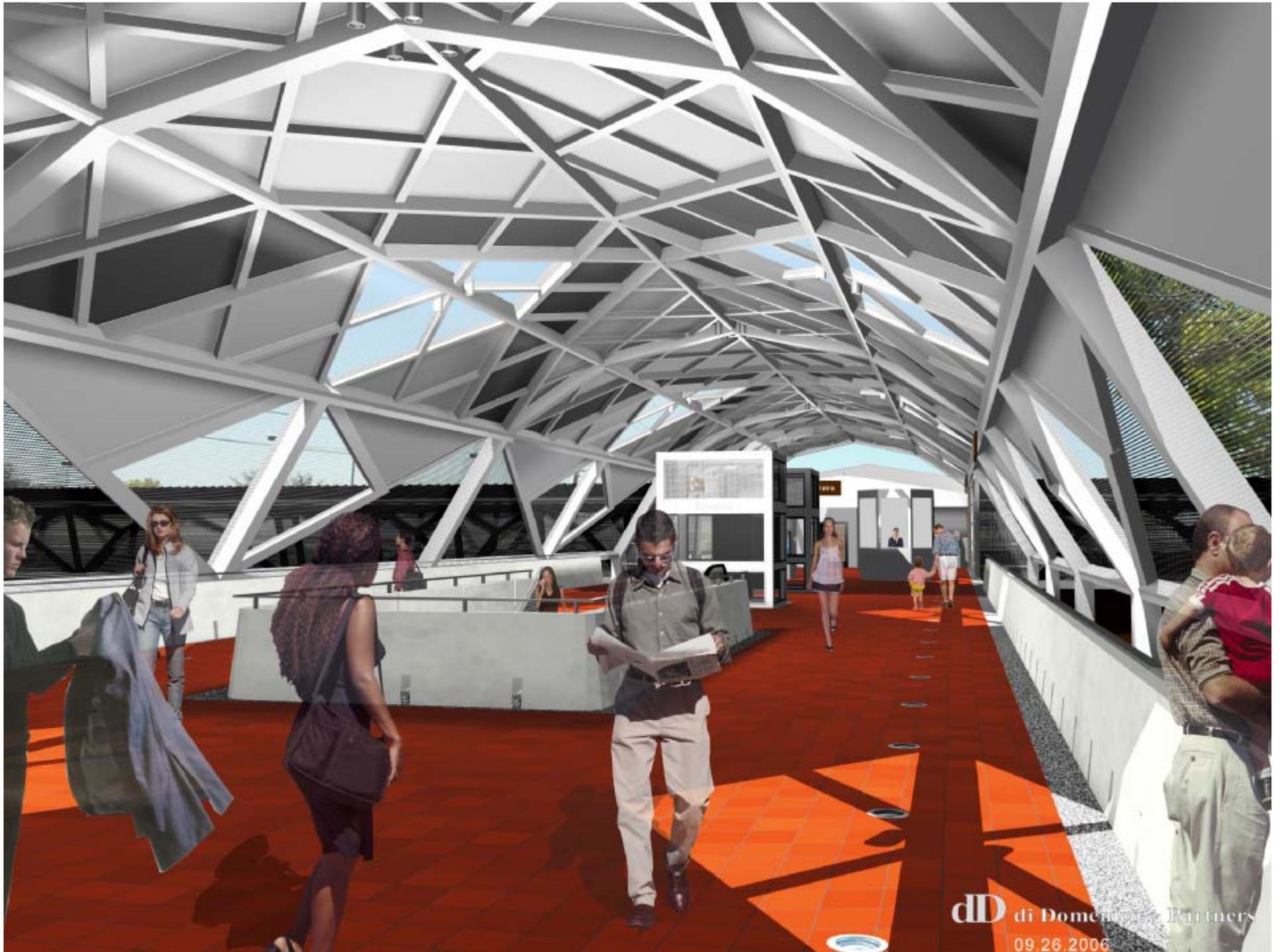


# Dulles Corridor Metrorail Extension to Wiehle Avenue

Location of the Wiehle Avenue Station - Reston



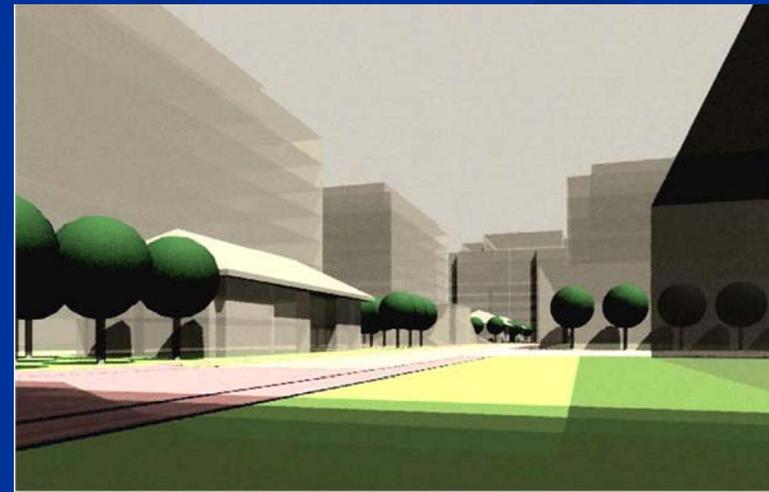
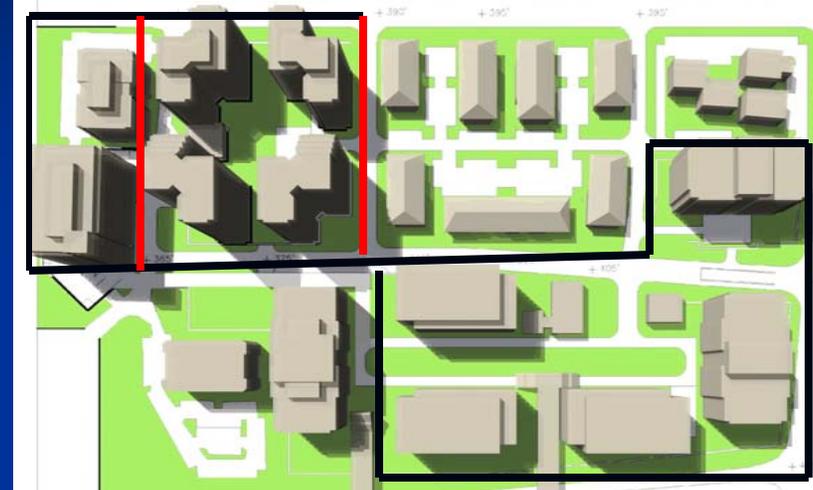






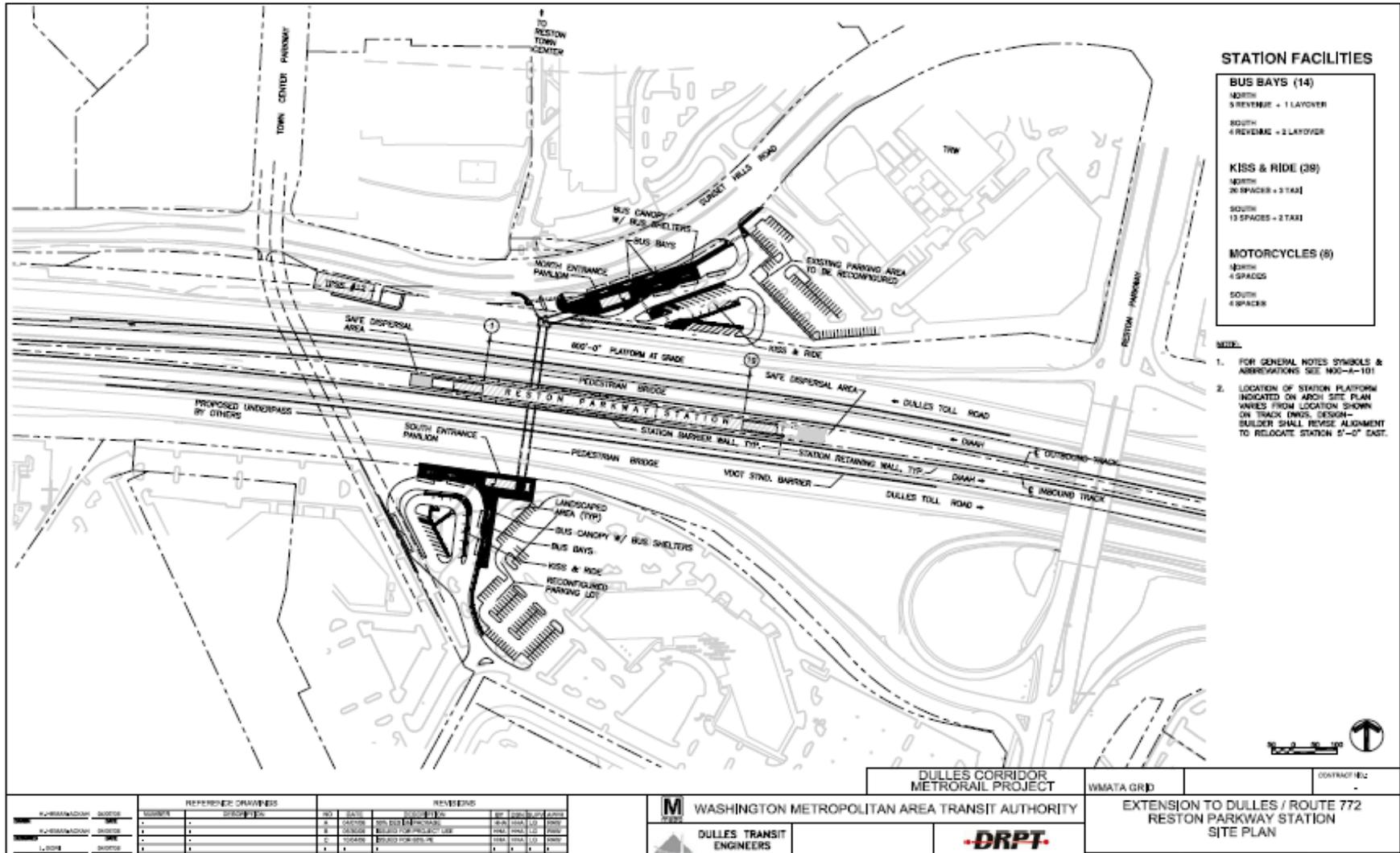
# Dulles Corridor Metrorail Extension to Wiehle Avenue

- Wiehle Avenue Joint Development Solicitation
  - Develop a mixed use transit oriented development at the Wiehle Avenue Station on 9 acres of County land plus adjacent parcels
  - Comp Plan allows for higher density near transit and density bonuses for housing
  - Developer to provide parking and bus facilities
  - Three proposals received
  - Negotiations currently on-going between County and developer
  - Station facilities and development to be operational by 2013





# Dulles Corridor Metrorail Extension to Wiehle Avenue



01.01.17 10:00/1306 8:44:42 AM

NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.
1	ISSUED FOR PERMITTING	11/14/17	JL	ML	ML
2	ISSUED FOR CONSTRUCTION	11/14/17	JL	ML	ML
3	ISSUED FOR OPERATION	11/14/17	JL	ML	ML


**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**  

**DULLES TRANSIT ENGINEERS**

**DULLES CORRIDOR METRORAIL PROJECT**  
 WMATA GRD  
 CONTRACT # 12  
**EXTENSION TO DULLES / ROUTE 772 RESTON PARKWAY STATION SITE PLAN**  




# Dulles Corridor Metrorail Extension to Wiehle Avenue

- Phase I Funding Approach
  - Phase I project cost - \$2.065 b
  - FTA 'New Starts' – 43.5%: \$0.9 b
  - Commonwealth of Virginia and Fairfax County – \$1.165 b
    - Dulles Toll Road
      - 85% of surplus on base tolls funds transit services and transit construction
      - Toll increase of \$0.25 implemented on May 22, 2005, 100% of toll funds transit construction
      - Toll increases generates \$19 to \$28 million annually between 2005 and 2030
    - Fairfax County Transportation Improvement District and other funds to be identified by the Board of Supervisors



# Dulles Corridor Metrorail Extension to Wiehle Avenue

Dulles Rail Phase I Transportation Improvement District





# Dulles Corridor Metrorail Extension to Wiehle Avenue

- Dulles Rail Phase I Transportation Improvement District
  - Encompasses Tysons Corner and Wiehle Avenue
    - More than 6,500 businesses
    - \$200 million in taxes
    - \$100 million in property taxes
  - Assessed value ranges from \$6.8 billion in 2004 to a projected value of \$18.5 billion in 2043
  - Assessed values increased by 14% between 2004 and 2005 and 18% between 2005 and 2006
  - Tax rate generally not to exceed \$0.29 per \$100 of assessed land valuation
  - Initial tax rate established at \$0.22
  - Generates between \$17 and \$32 million annually depending on tax rate and assessed value



# Dulles Corridor Metrorail Extension to Wiehle Avenue

- Project Schedule – Phase I
  - ✓ Environmental Impact Statement
  - ✓ Record of Decision by FTA and FTA
  - ✓ Preliminary Engineering
  - Final Design – June 2007
  - Full Funding Grant Agreement with the FTA – Nov thru Dec 2007
  - Issue FFGA – February 2008
  - Initiate Construction – Spring 2008
  - Begin Revenue Service – Late 2013