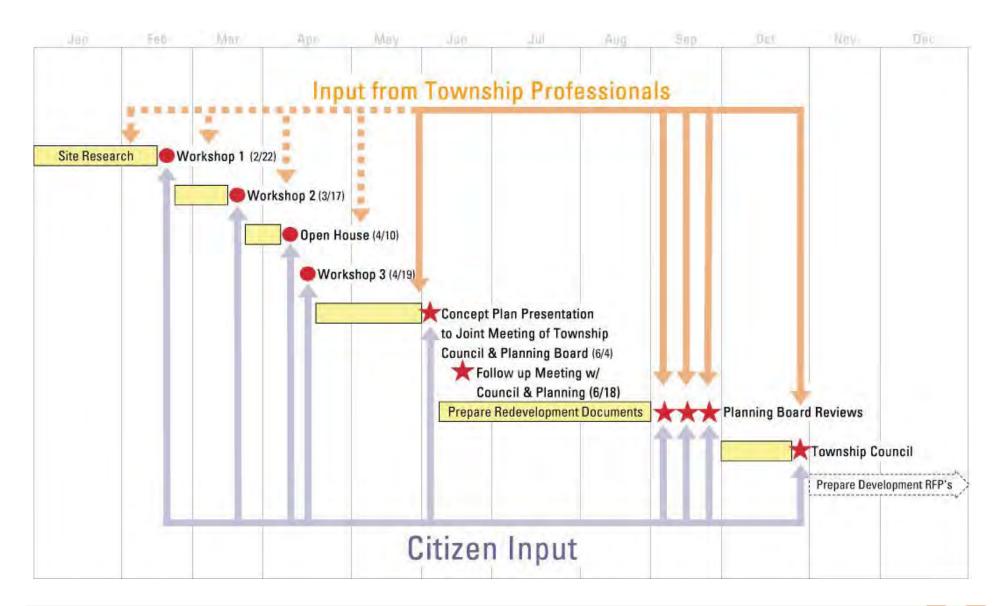
# Presentation to Joint Meeting of West Windsor Township Council and Planning Board 4 June 2007





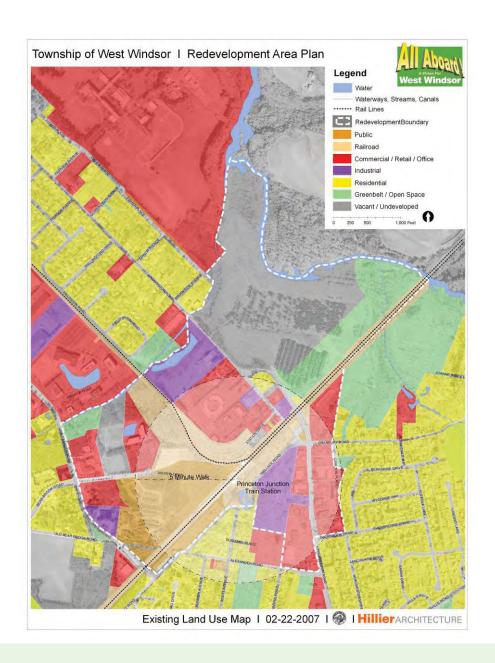


# Public Workshop 1 "Ideas"



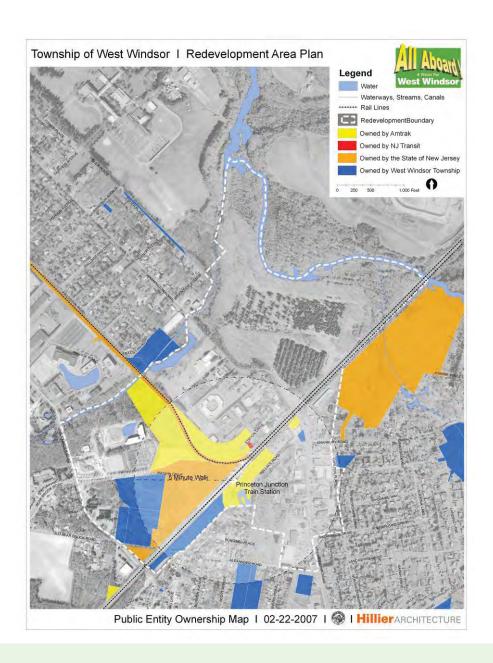
# SITE CONDITIONS





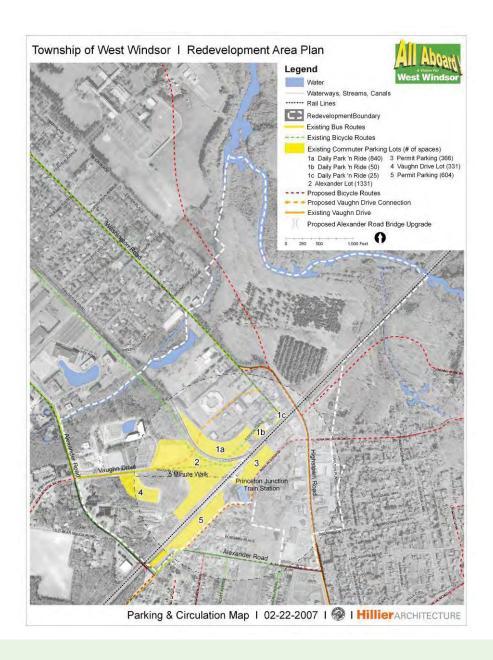
# **Existing Land Use**





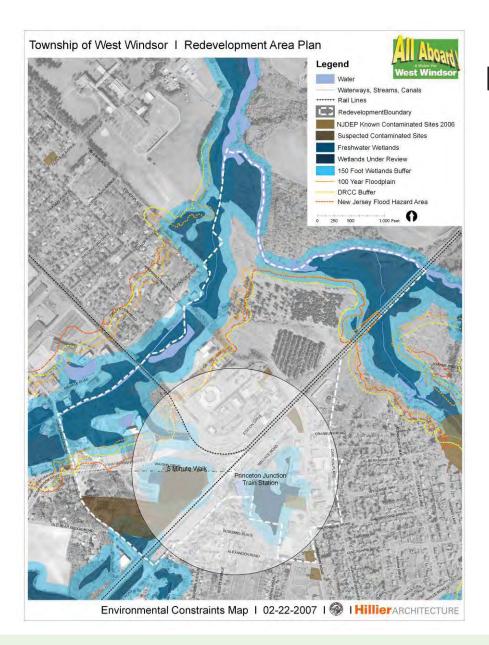
# **Public Entity Ownership**





# Parking & Circulation





# **Environmental Constraints**



# What Mattered to West Windsor?



# 1. Traffic / Circulation (47%)

#### **Prioritized Goals:**

(39%) Improve traffic circulation in and around the redevelopment area

(32%) Encourage alternative modes of transport

(29%) Provide easy access for commuters



# 2. Economic (27%)

#### **Prioritized Goals:**

(76%) Redevelopment project to be tax neutral or tax positive



# 3. Cultural (14%)

#### **Prioritized Goals:**

(34%) Create an iconic and active public place for entire West Windsor community

(32%) Preserve/strengthen existing neighborhoods



# 4. Parking (8%)

#### **Prioritized Goals:**

(40%) Create visually attractive facilities

(31%) Provide more parking for WW residents



# 5. Environmental (4%)

#### **Prioritized Goals:**

(35%) Enhance open space inventory

(35%) Protect environmentally sensitive lands

(24%) Meet LEED criteria



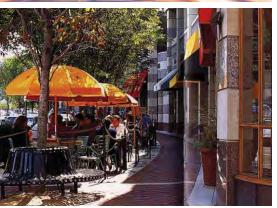
Memorable Public Places:

"CITY" 54%\*

"TOWN" 28%

"COUNTRY" 16.5%









Meaningful Spaces:

CITIES 24%

"HOME" 13%



WEST WINDSOR 9%



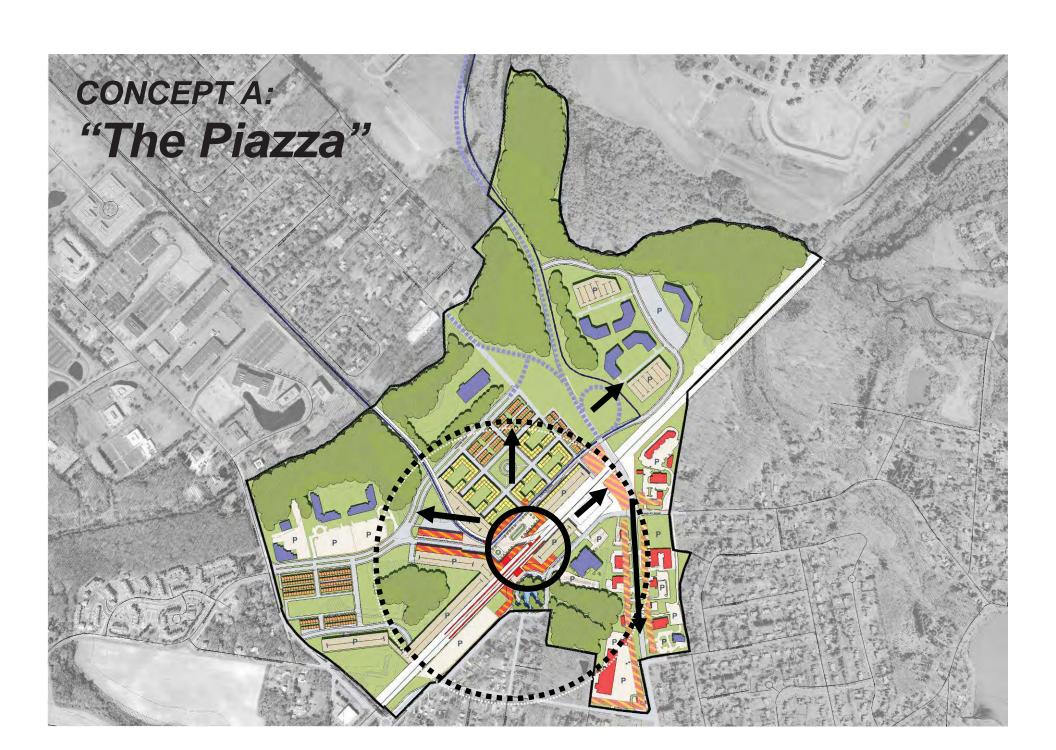


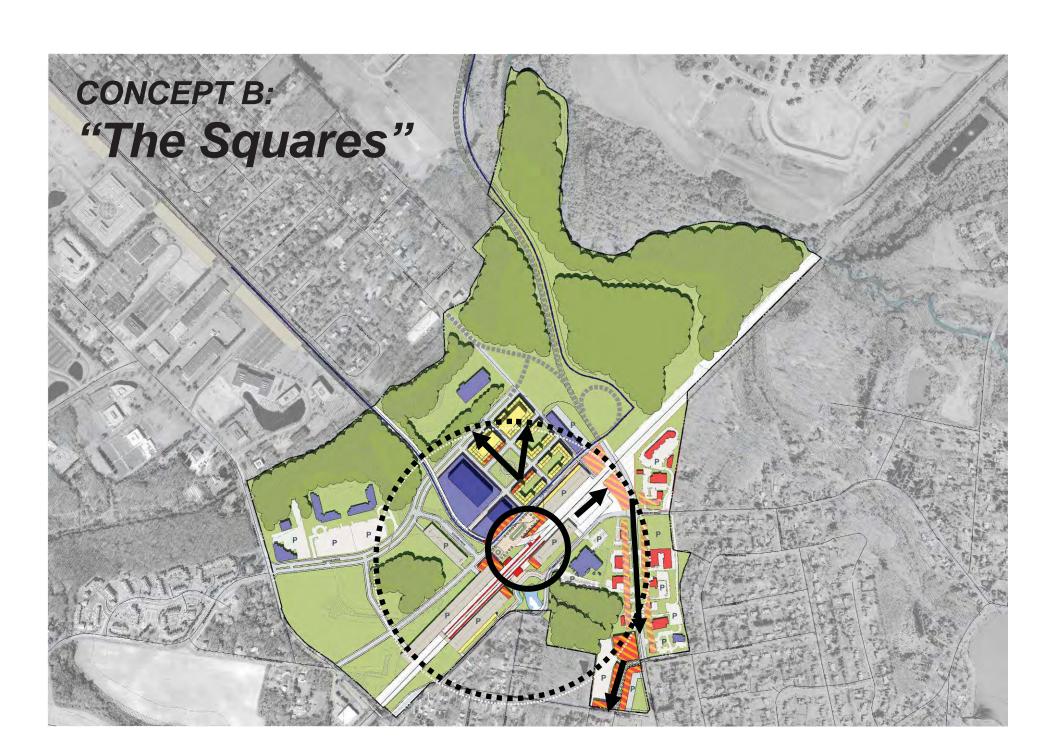
# Public Workshop 2 "Possibilities"



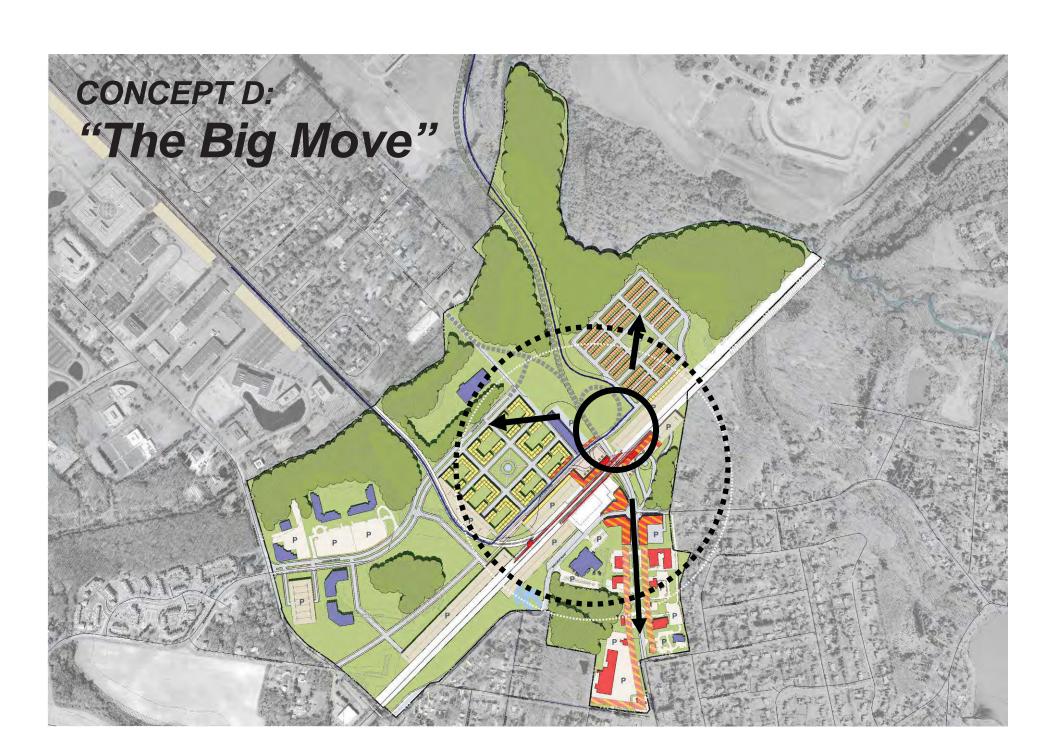
# 4 CONCEPTS





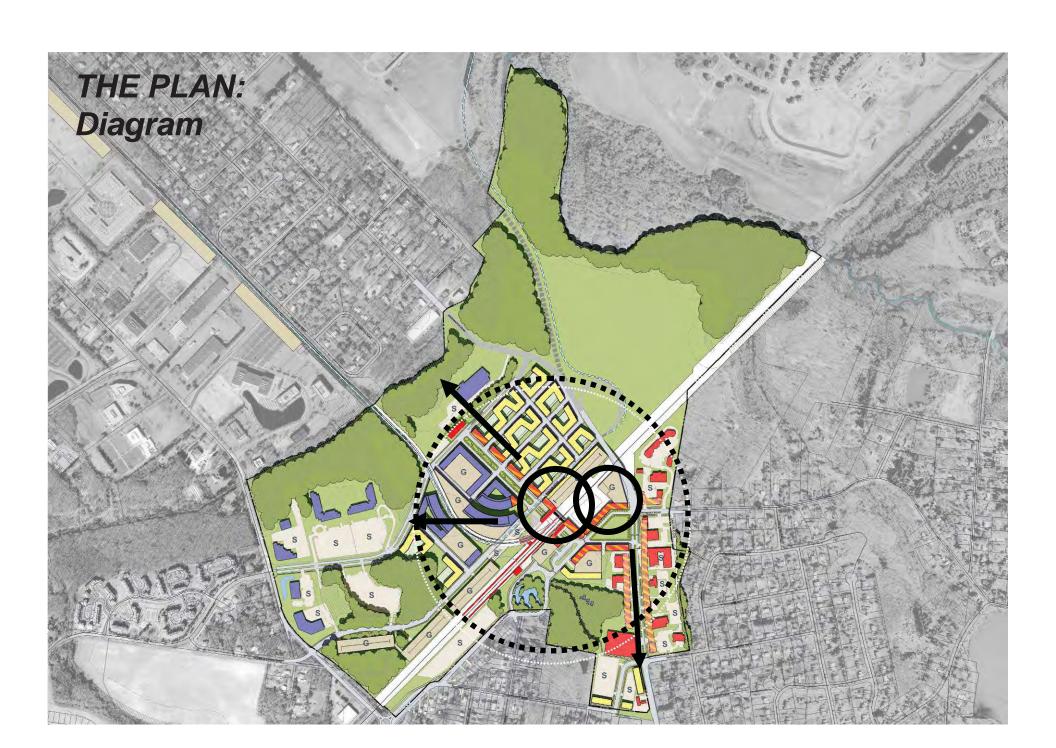


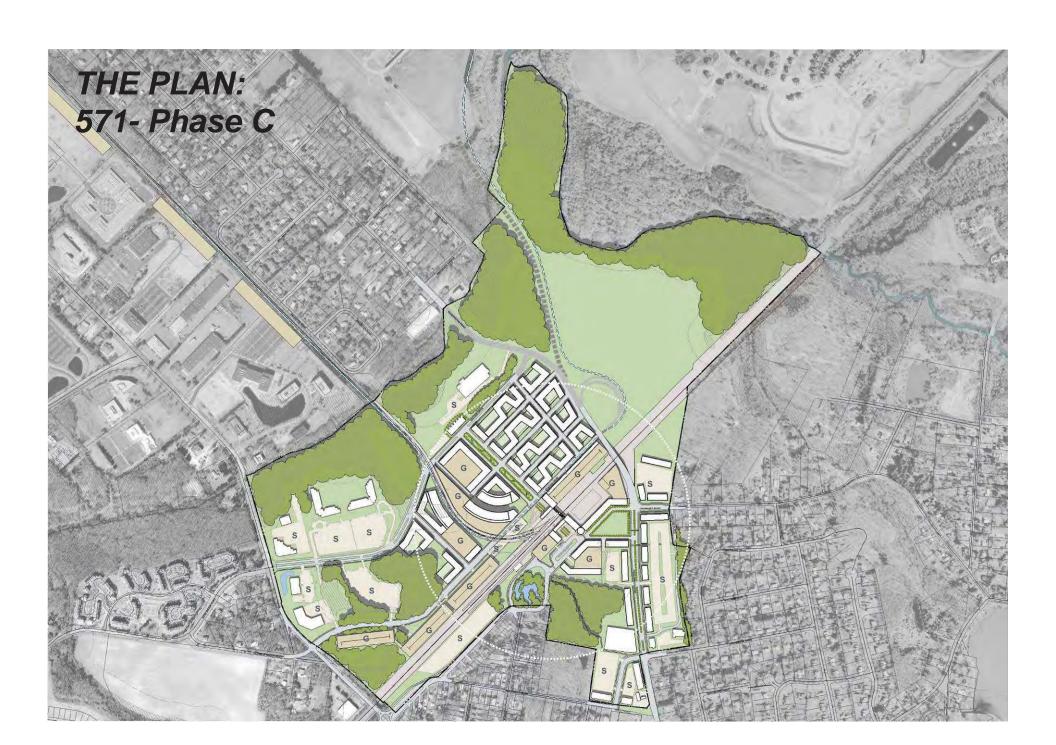




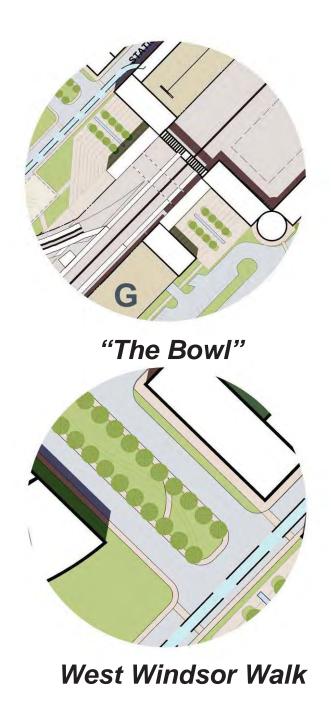
# WORKSHOP 3: THE PLAN













West Windsor Green

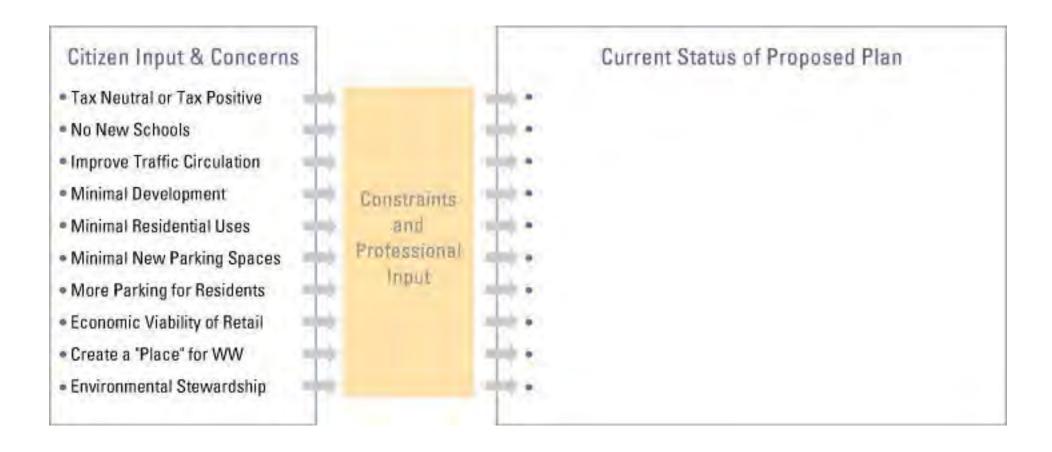


Athenaeum

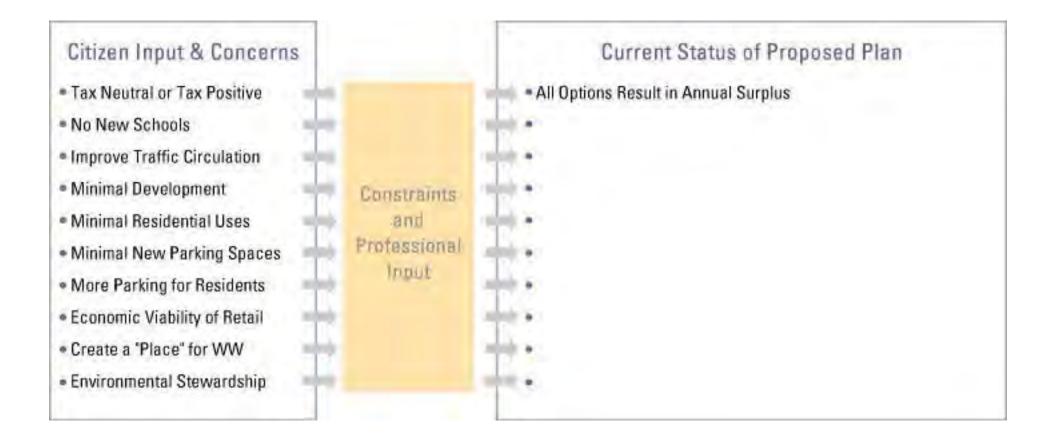
# Where We Are Tonight



#### **INPUT: GOALS**

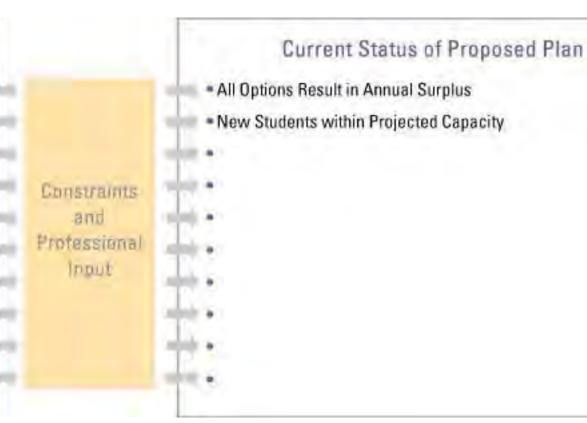






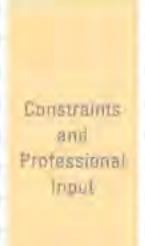


- . Tax Neutral or Tax Positive
- No New Schools
- Improve Traffic Circulation
- · Minimal Development
- · Minimal Residential Uses
- . Minimal New Parking Spaces
- . More Parking for Residents
- . Economic Viability of Retail
- . Create a "Place" for WW
- Environmental Stewardship





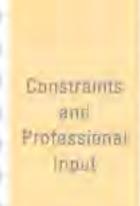
- . Tax Neutral or Tax Positive
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- All Options Result in Annual Surplus
- . New Students within Projected Capacity
- Improved Configuration and Reduction in Projected Trips
- .
- .
- .
- .
- .
- .
- .



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- \* All Options Result in Annual Surplus
- . New Students within Projected Capacity
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- . Presenting Range of Density Options
- .
- .
- .
- .
- .
- .

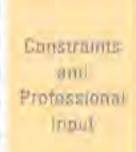


- Tax Neutral or Tax Positive
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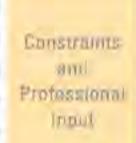
- \* All Options Result in Annual Surplus
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- . Presenting Range of Density Options
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- . New Students within Projected Capacity
- Improved Configuration and Reduction in Projected Trips
- . Presenting Range of Density Options
- Presenting Range, All Include Affordable and Age-Restricted
- 5700 Total Commuter Spaces (Ridership Projections for year 2030)
- .
- .
- .
- .

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- . Presenting Range of Density Options
- Presenting Range, All Include Affordable and Age-Restricted
- 5700 Total Commuter Spaces (Ridership Projections for year 2030)
- Up to 950 Additional Spaces for WW Resident Commuters
- .
- .
- .



#### Citizen Input & Concerns

- Tax Neutral or Tax Positive
- No New Schools
- Improve Traffic Circulation
- Minimal Development
- Minimal Residential Uses
- Minimal New Parking Spaces
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- · Create a 'Place" for WW
- Environmental Stewardship



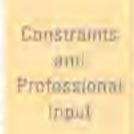
#### Current Status of Proposed Plan

- \* All Options Result in Annual Surplus
- . New Students within Projected Capacity
- Improved Configuration and Reduction in Projected Trips
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- Modest Scale (5.25% of Potential) plus Complimentary Uses
- .



#### Citizen Input & Concerns

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#### Current Status of Proposed Plan

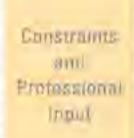
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- \* Public Spaces, Green, Market Walk, & Linkages

.



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- Modest Scale (5.25% of Potential) plus Complimentary Uses
- Public Spaces, Green, Market Walk, & Linkages
- Achieving Criteria of LEED for Neighborhood Development



#### Plan Changes Based on Citizen Design Input We Heard You.....and We Didn't Do it:

- There are no parking garages proposed for the site of the Wallace Road Lot.
- There is no residential proposed for Wallace Road.
- We Limited the Height of Buildings on the East Side to 1-3 Stories
- . We did not connect Alexander Road and Sherbrook Drive
- There are no Isolated Housing Enclaves



#### 

- . We are showing a range of density options
- \* Achieved 50% Open Space
- · Proposed an Identifiable 'Main Street' on 571, with landscaped median
- . We concealed and better safe guarded the Power Station
- . We created a Town Green connecting Main Street and the Train Station
- . We made strong connections between the east and west side of the tracks with "the Bowl"
- 6. We proposed a direct connection from the West Windsor resident parking garage to the NY-bound platform with a footbridge.
- We proposed a central position for the Farmer's Market to activate West Windsor
   Walk on Saturdays
- . We proposed a 2nd "Kiss & Ride" connection from Old Bear Brook Road.
- We proposed a way to save a major piece of the Sarnoff woods without jeopardizing their developing rights.
- . We set aside a site for a community athenaeum for seniors, teenagers, etc. and moved it to the West Windsor Walk
- We proposed a more efficient Vaughn Drive to better connect 571 with Alexander Road and alleviate traffic on Washington Road.
- We created several community venues that will become places identifiable with West Windsor. Main Street, the Green,
   "the Bowl", the Promenade West Windsor Walk.
- . We created a network of bike paths, linking them to the Town's Master Plan.
- . We created a network of pedestrian walkways and trails, linking them to the Town's Master Plan.
- We proposed a garage specifically for West Windsor residents.

### THE REDEVELOPMENT AREA

PRESENT &

FUTURE



### TODAY: Existing Zoning

#### P

Business - Professional Office

#### **B-2**

Business – Neighborhood Center Business

#### ROM-1

Industrial – Research, office, limited manufacturing

#### ROM-2

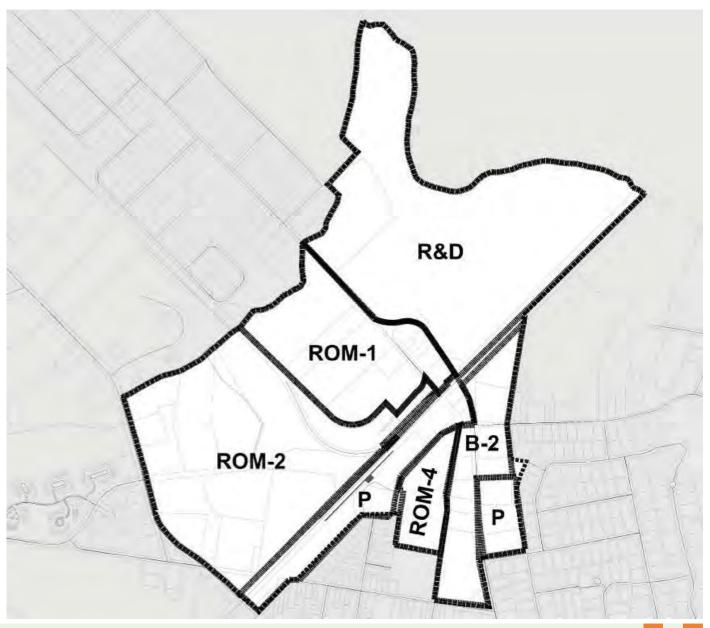
Industrial – Research, office, limited manufacturing

#### ROM-4

Industrial – Research, office, limited manufacturing

#### R&D

Research and Development





TODAY:
Existing
Building and
Parking





# TODAY: Possible As-of-Right Build out

1-6 Story development Primarily Office, Research & Development, and Manufacturing

With approximately 193
Affordable Housing Units,
as required, on site



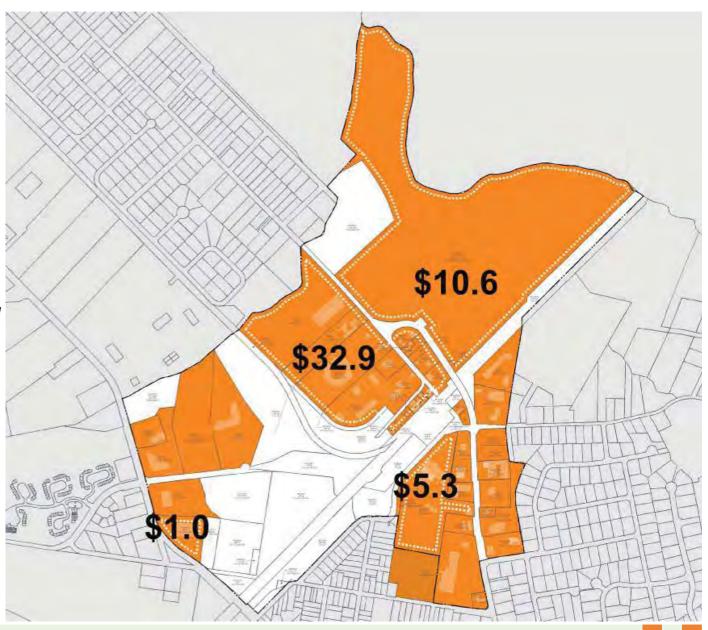


#### TODAY:

Assessed Values (in millions) of Major Parcels in Redev. Zone

Assessed values (orange) are of privately owned land in the redevelopment area.

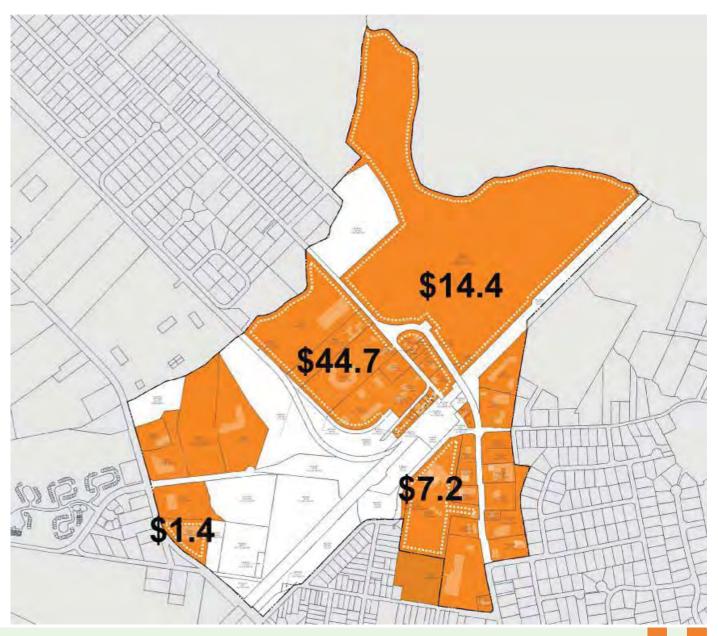
Note – assessed values obtained through the West Windsor Township Office of the Tax Assessor.





TODAY: Estimated Market Values (in millions) of Major Parcels in Redev. Zone

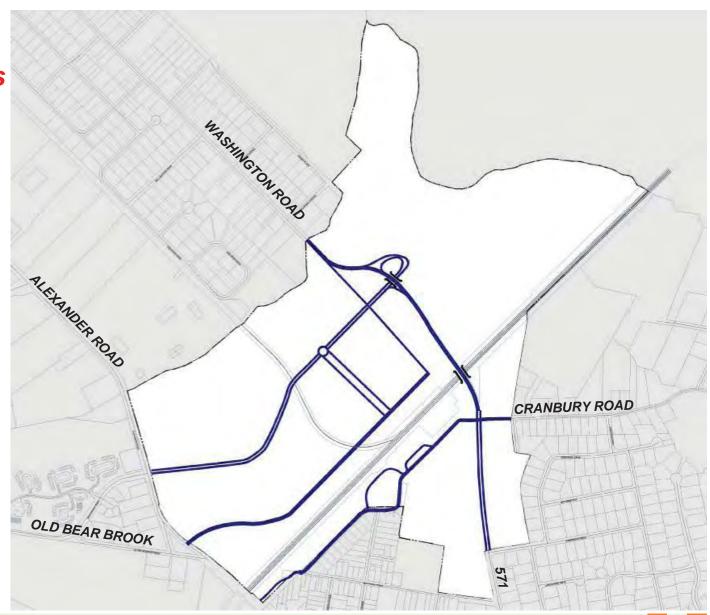
Market values can be estimated at 136% of assessed value





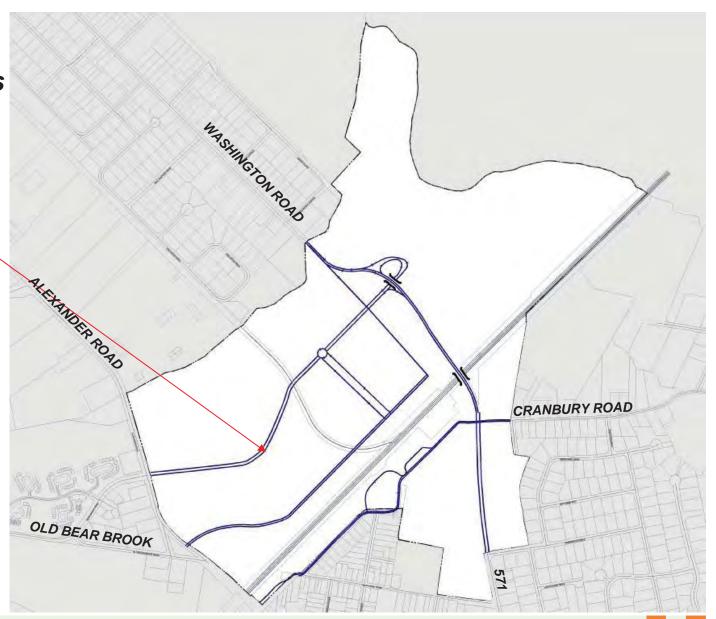
# WW Redevelopment: THE FRAMEWORK







Vaughn Drive Connector





WASHINGTON ROAD CRANBURY ROAD OLD BEAR BROOK

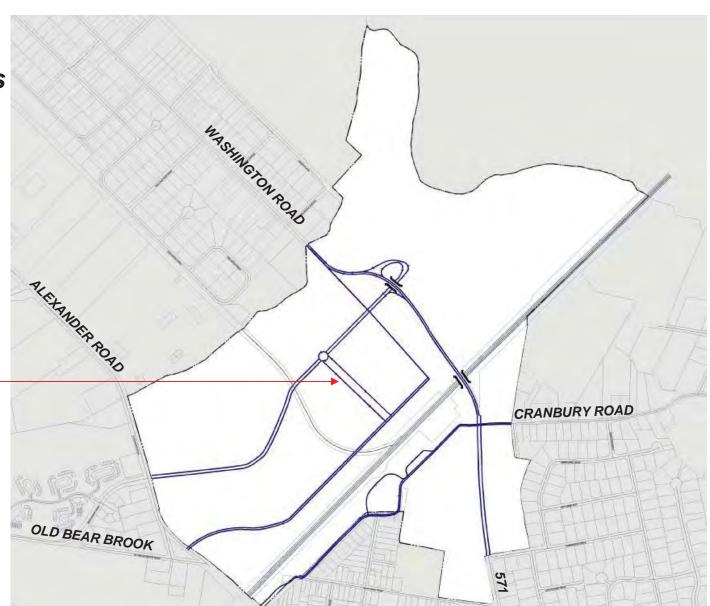
Vaughn/571 Connector



WASHINGTON ROAD CRANBURY ROAD OLD BEAR BROOK

Station Drive Extension

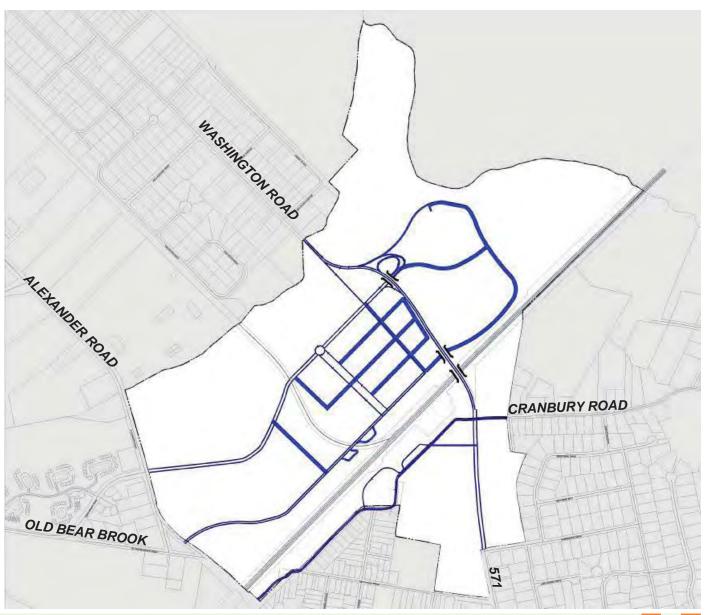




"West Windsor Walk"



# FRAMEWORK: Secondary Roads

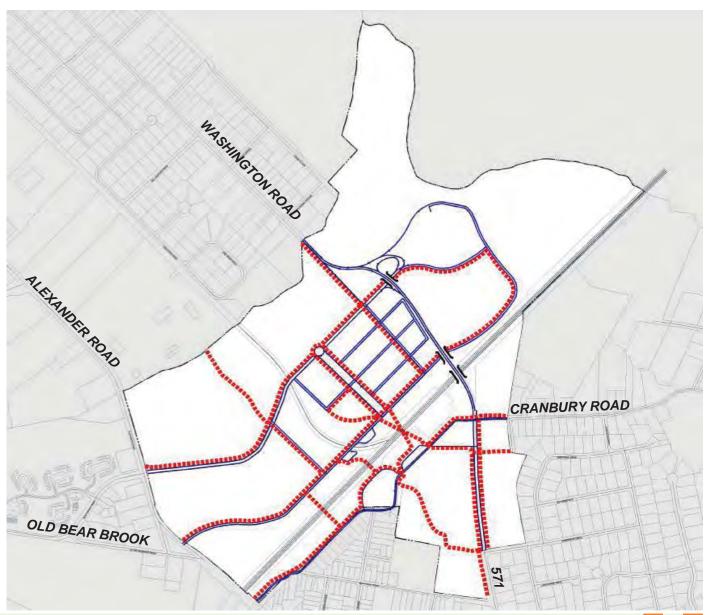




### FRAMEWORK:

#### Pedestrian Pathways

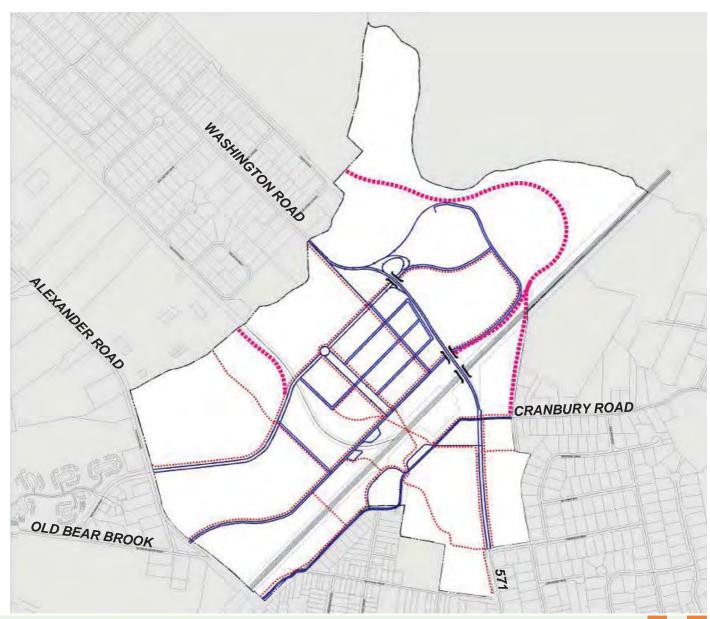
Link to existing circulation around redevelopment site and improve connections across site





### FRAMEWORK: Trails

Tie into WW Township Bicycle/Pedestrian Plan (10/12/04) to continue the linkage of multi-use trails throughout the Township

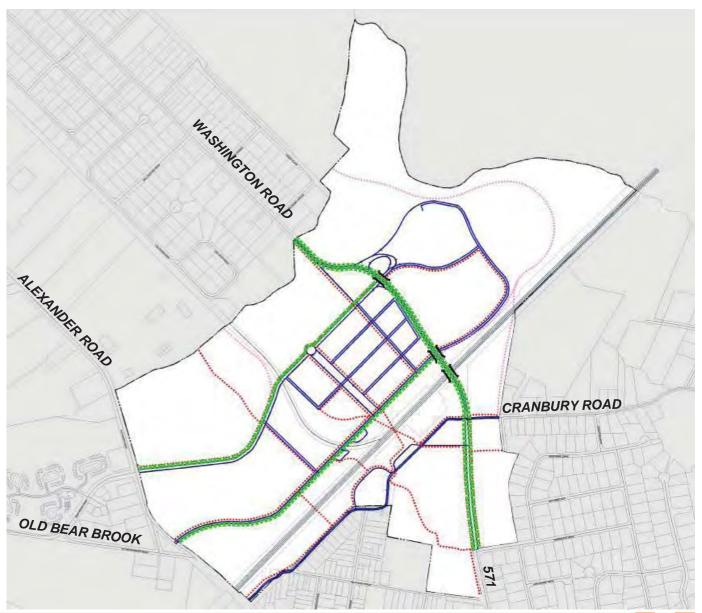




### FRAMEWORK: Bike Paths

Tie into WW Township Bicycle/Pedestrian Plan (10/12/04) to continue the linkage of bicycle paths throughout the Township

•Bike Lane

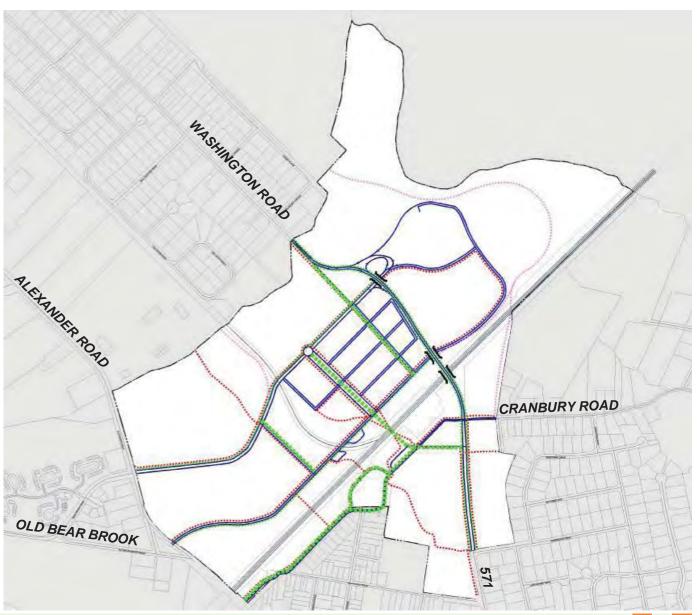




### FRAMEWORK: Bike Paths

Tie into WW Township Bicycle/Pedestrian Plan (10/12/04) to continue the linkage of bicycle paths throughout the Township

• Compatible Shoulder or Shared Roadway



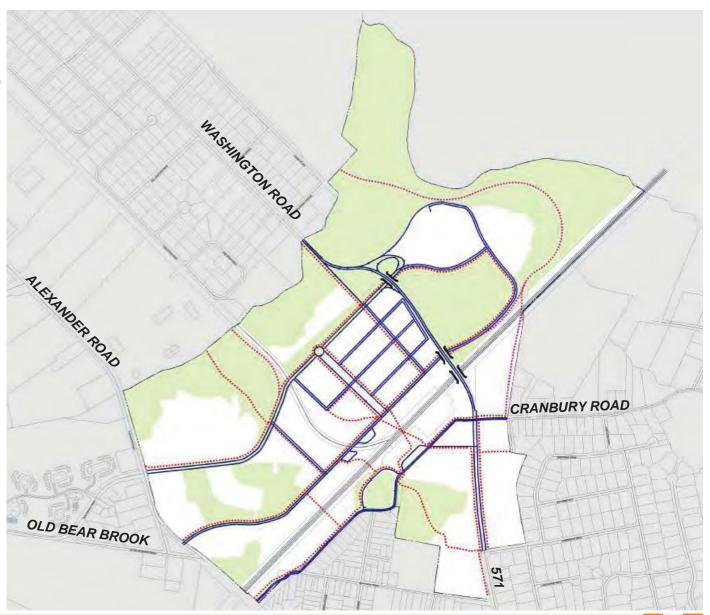


# WW Redevelopment: LAND-USE



# LAND-USE: Open Green Space

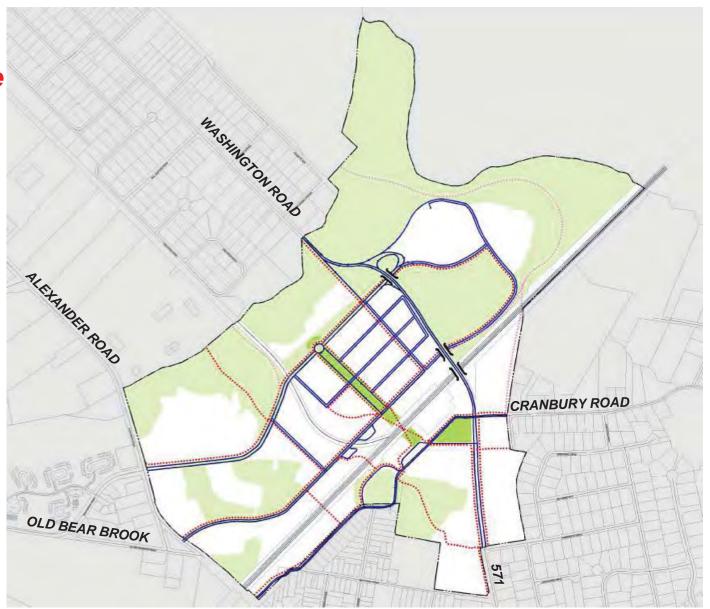
Preserve existing open space and enhance through greater pedestrian access





### LAND-USE: Landscaped Space

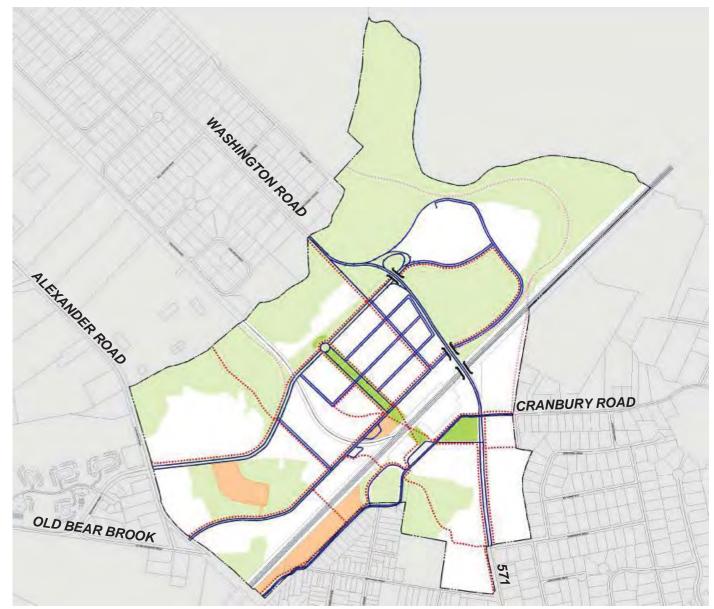
Provide conditioned green spaces as community gathering places and use to link neighborhoods on the East side of the tracks to the open space on the West side





LAND-USE: Commuter Parking - Surface

Maintain existing WW lots





#### LAND-USE: Commuter Parking – Structured

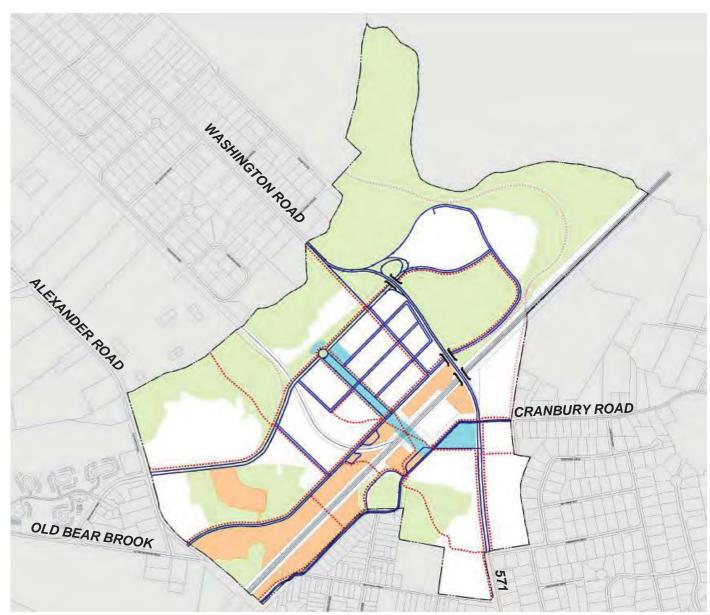
Locate along NE Corridor Rail line for accessibility and to allow parking structures to buffer noise





### LAND-USE: Civic

Link East to West by creating a Central Spine of civic spaces

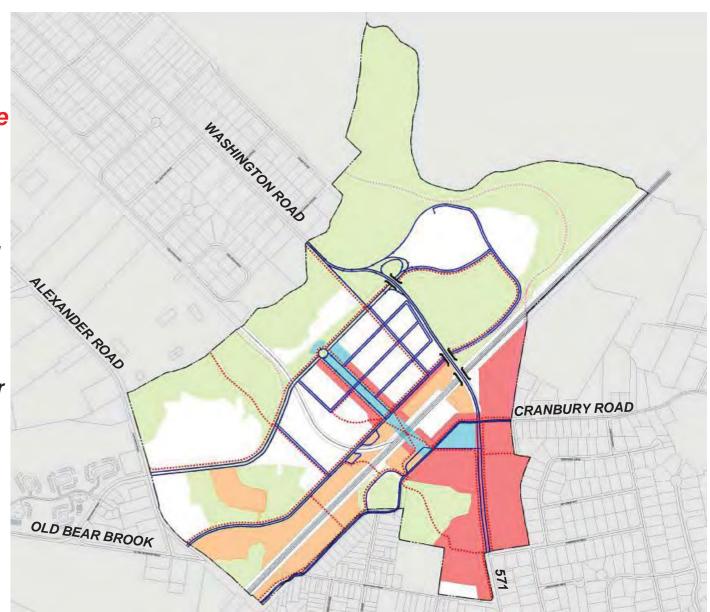




LAND-USE:
Mixed Use A,
Retail/Housing/Office

Line civic space with retail at first floor to enliven spaces

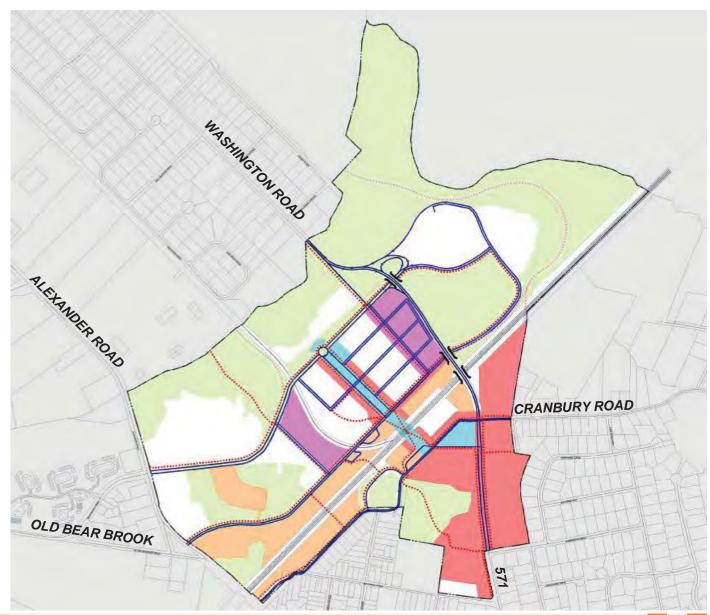
Create continuity between 571 "Main Street" and the New Village Center





LAND-USE:
Mixed Use B,
Professional Office/
Housing Above

Increase vitality on West side of tracks with mixed-use at the boundaries of the development





### LAND-USE: Housing

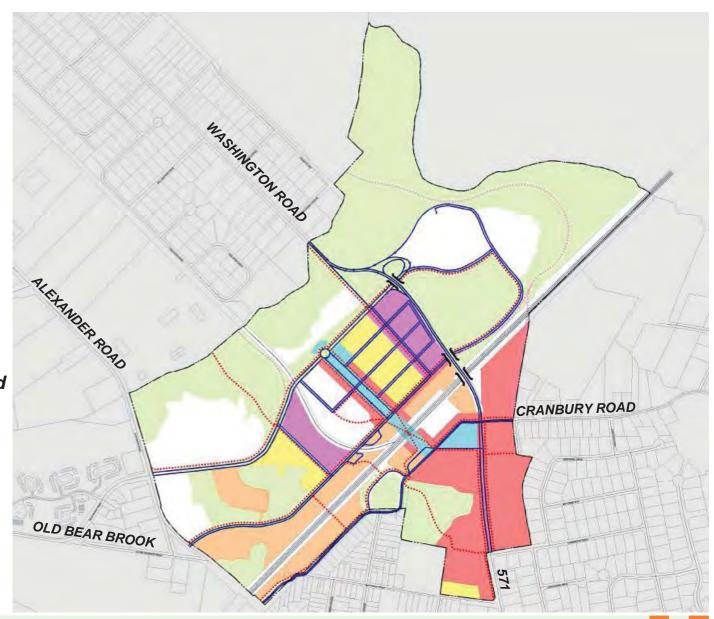
Mix of Residential units:

to support and enliven village center

to strengthen, connect and extend existing neighborhoods

to promote travel by foot

reducing car trips locally and regionally

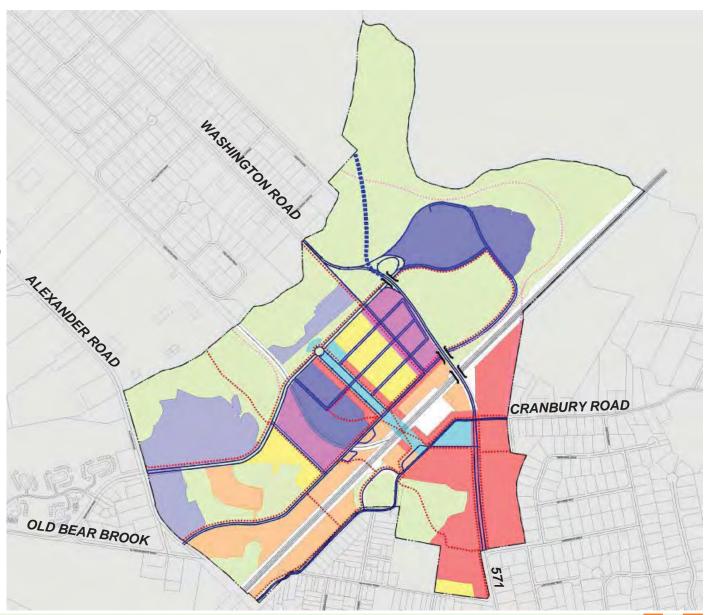




### LAND-USE: Office

Include Office space within village center, offering a unique "downtown" Venue, adding to the daytime energy and retail base

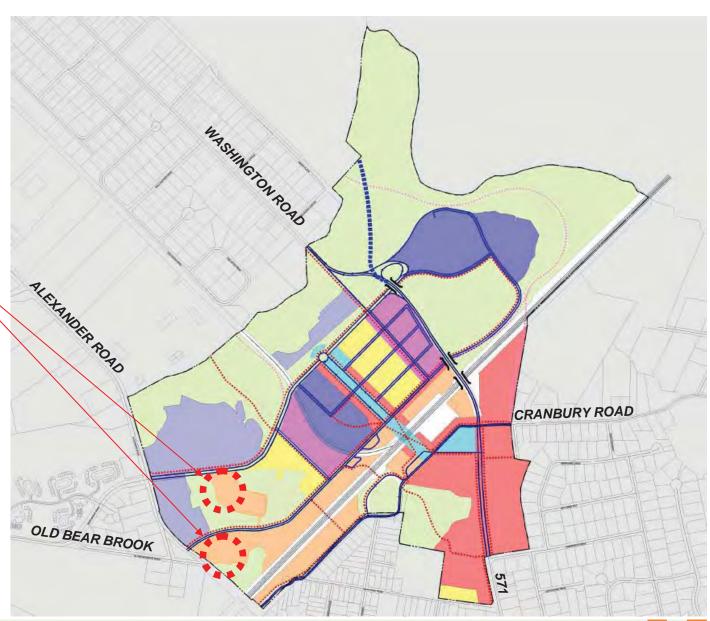
Note: lighter blue represents existing office area/zoning to remain





LAND-USE: Schlumberger Approaches

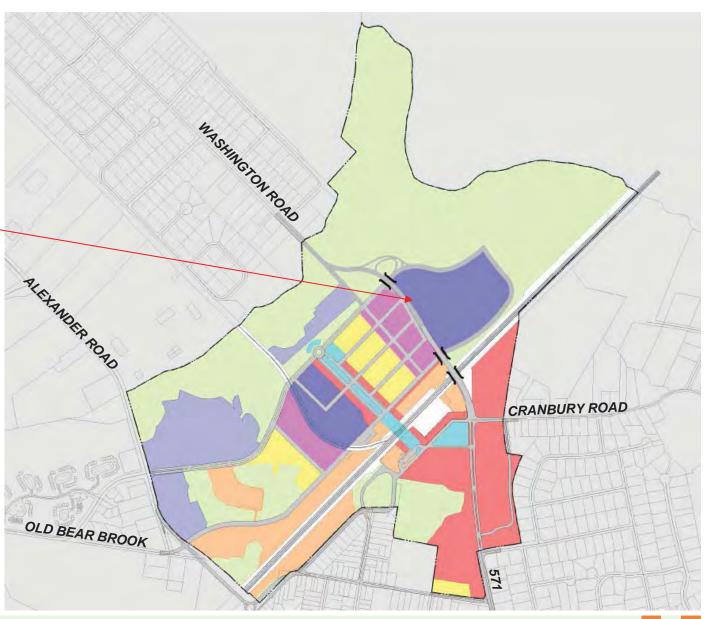
Alternates for site development



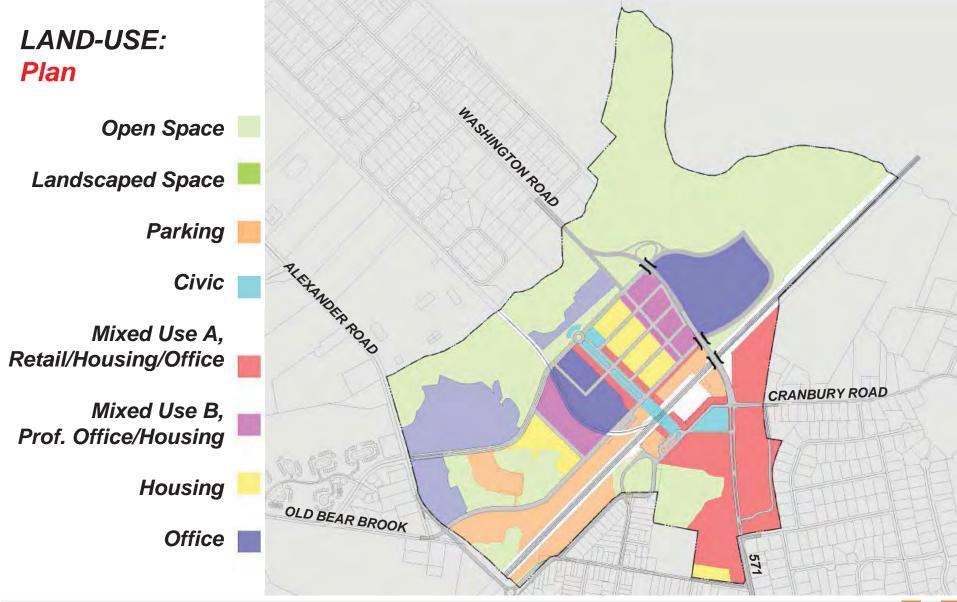


#### LAND-USE: Sarnoff Approaches

Alternate site development with appropriate zoning adjustments to consolidate land-use and tie development into village and pedestrian areas



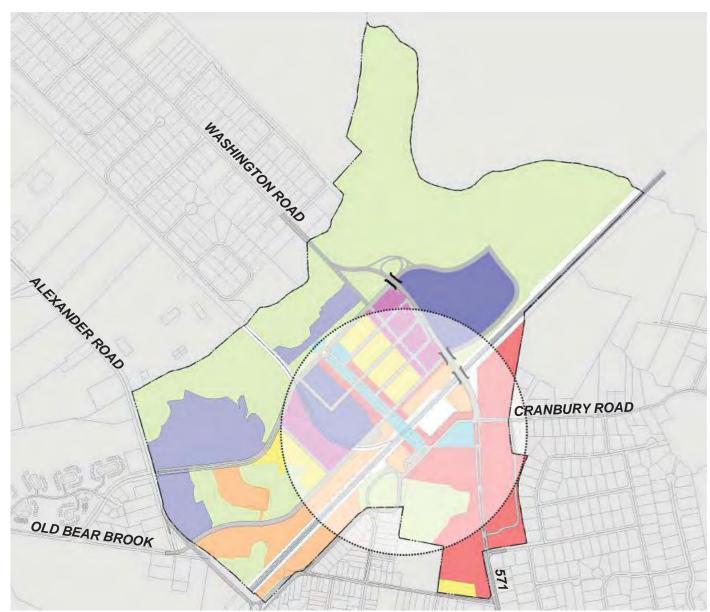






### LAND-USE: 5 Minute Radius

The bulk of the new development and improvements lie within a 5 minute radius of the new train station to reinforce the pedestrian nature of the space and to extend this to the neighboring communities





### **ORTH-RODGERS AND ASSOCIATES**



### 1. Traffic / Circulation (47%)

#### **Prioritized Goals:**

(39%) Improve traffic circulation in and around the redevelopment area

(32%) Encourage alternative modes of transport

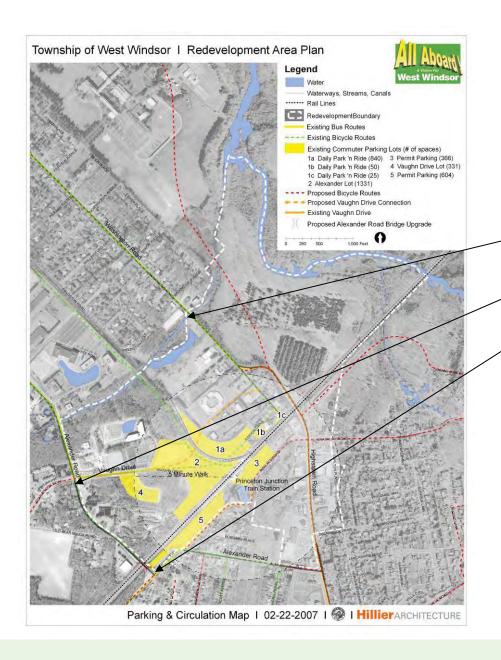
(29%) Provide easy access for commuters



### **Transportation Analysis**

- Existing Conditions
- Needs Assessment
  - Current/Future Issues
  - Opportunities/Constraints
- Critical Transportation Elements of the Plan
- Finalize Transportation Analysis

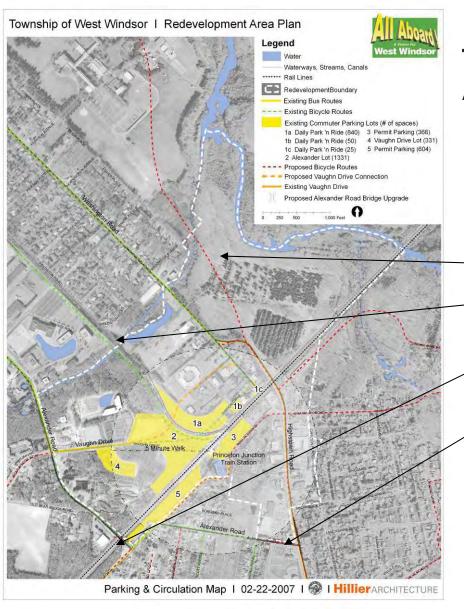




# **Existing Transportation Conditions**

- Bottlenecks
  - –571 Corridor (Route 1 to Clarksville Road)
  - -Alexander Road/Vaughn Drive
  - -Wallace Road/Alexander Road
- Poor Circulation in Parking Areas
- Insufficient Parking at Station





# **Transportation Opportunities And Constraints**

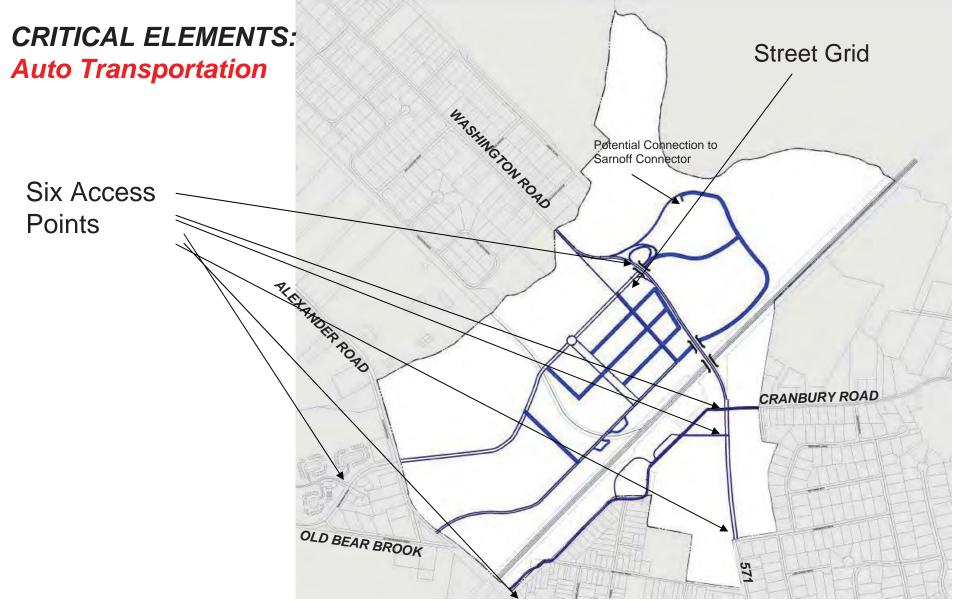
- Route 1 Corridor Improvements
- Sarnoff Connector
- BRT/Dinky
- Alexander/Wallace Road Roundabout
- CR-571 Road Improvements,
   Particularly at Wallace/Cranbury



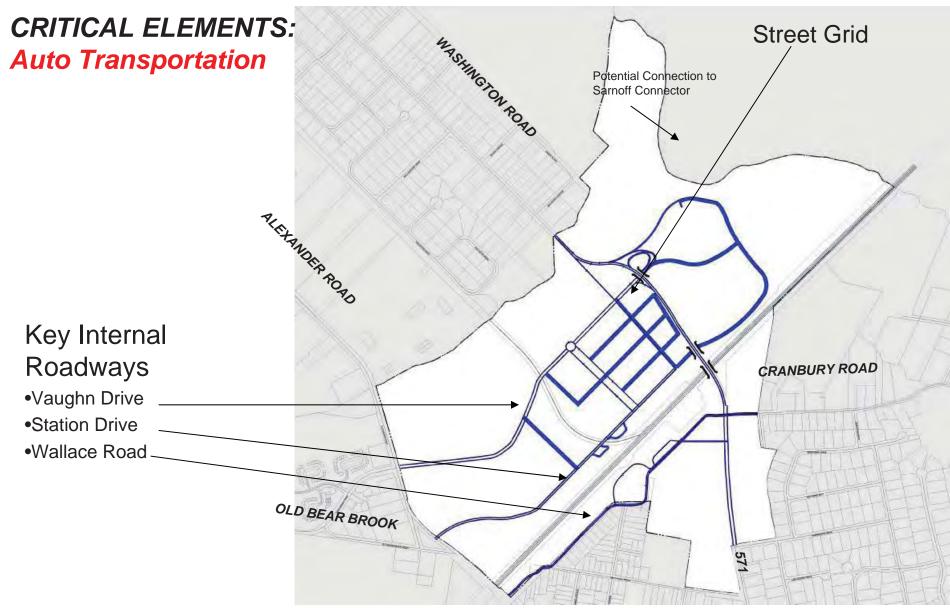
## Critical Elements of The Transportation Plan

- Multiple Ways to Access and Traverse Area
- Locks in Street Grid
- Pedestrian Friendly
- Transit Friendly
- Internally Captures Auto Trips
- Manage Congestion with "Scaled Improvements"
- Fits with Other Planned Transportation Improvements











# CRITICAL ELEMENT: Internal Trip Capture

Almost ALL Development and ALL Land Uses within a 5 Minute Walk. This will insure Maximum Capture of Trips: Live, Shop, Eat Work Without Using Your Car.

We anticipate a 30% Capture Rate.

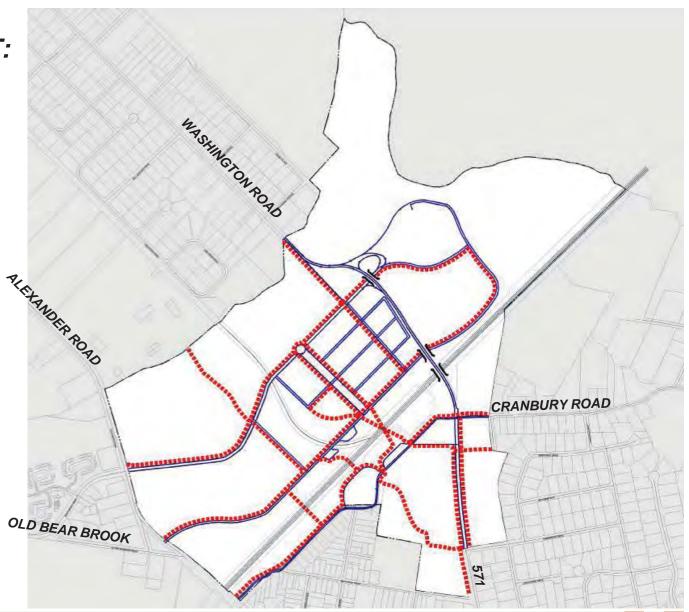




# CRITICAL ELEMENT: Pedestrian

Circulation

Pedestrian Connections to ALL Land Uses, Parking Lots and the Train Station





# TRANSPORTATION PLAN Next Steps

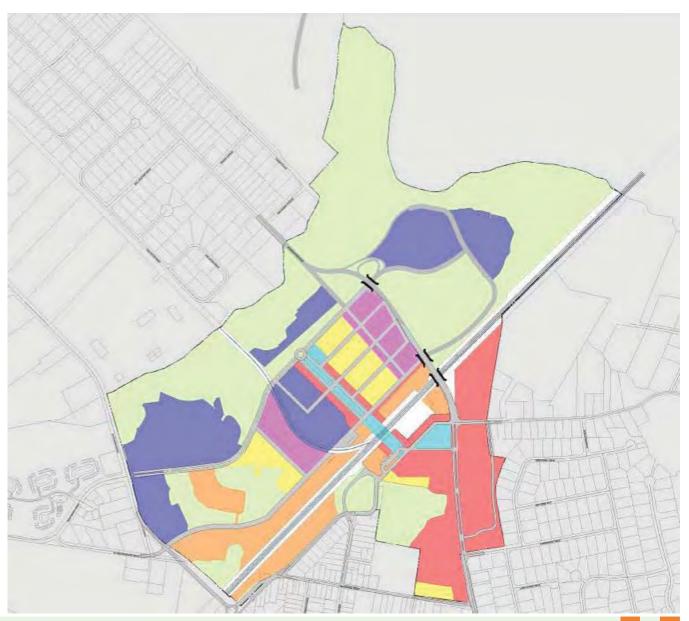
Refine Trip Generation, Internal Capture Rate and Station Patronage Estimates

Elaborate Transportation Components at Station

Assess Impacts at Bottleneck Locations

Develop Improvement Packages Sensitive to Area Context

Develop Implementation Plan for Transportation Improvements





# WW Redevelopment: NEW ZONES



#### **ZONING:**

#### **New Zones**

Note: Not actual zone names – meant here to suggest possible hybrids of existing zones. Actual zones to be determined in further study.

#### **P-2**

"village" - mixed use office, residential and retail – combines R-5 with P-1

#### P-3

"main street - mixed use professional, residential and retail Combines R-4 with P

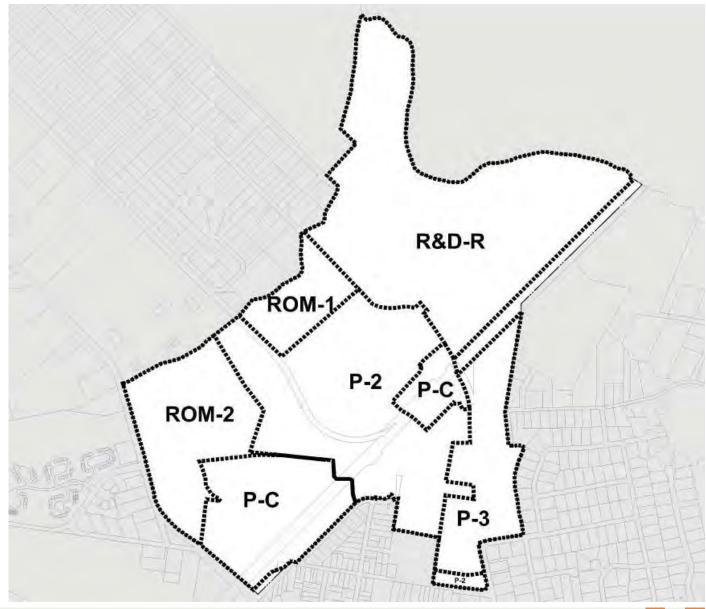
#### P-C

mixed use retail, residential and commuter parking Combines P-2 with structured parking element

#### R&D-R

R&D with residential component Combines R-5 with R&D

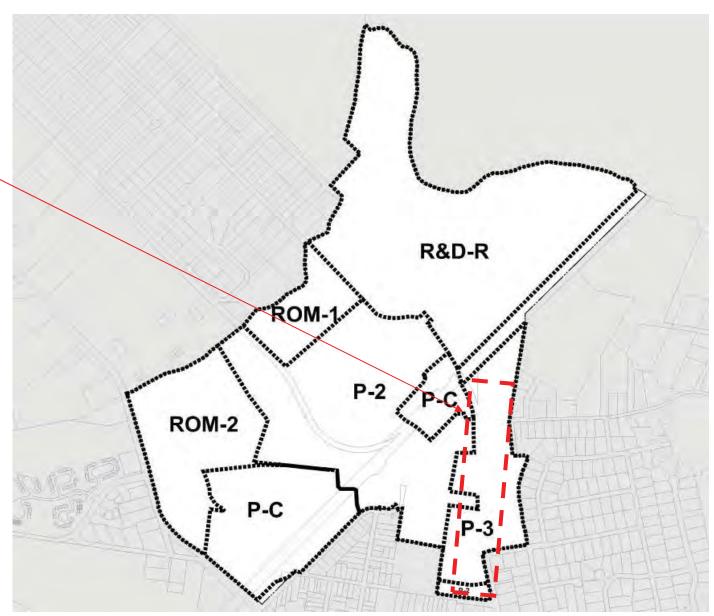
ROM-1 ROM-2





1 - 2 ½ Stories

571 "Main Street"



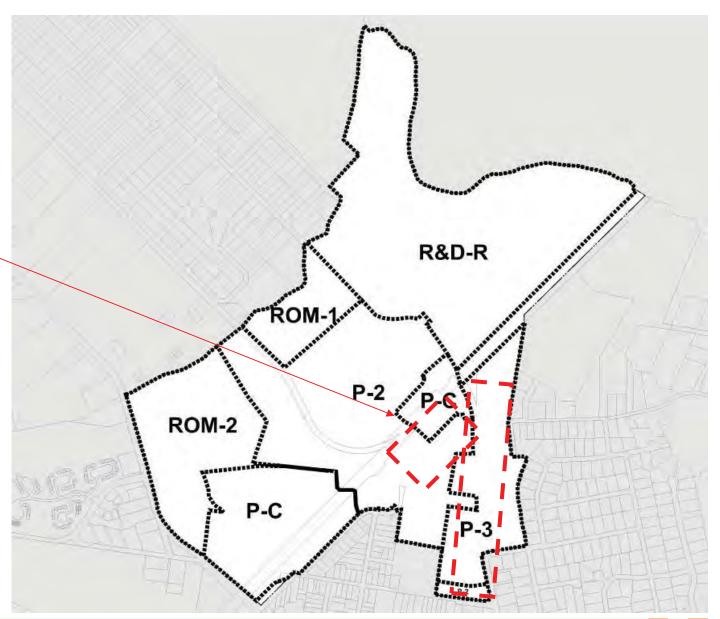


1 - 2 ½ Stories

571 "Main Street"

2 - 3 Stories

Station and Town Green





1 - 2 1/2 Stories

571 "Main Street"

2 - 3 Stories

Station and Town Green

1 - 6 Stories

Portion of Mixed-Use Office Area

R&D-R ROM-ROM-2

NOTE: 6 Story structures would be within existing tree line



1 - 2 1/2 Stories

571 "Main Street"

2 - 3 Stories

Station and Town Green

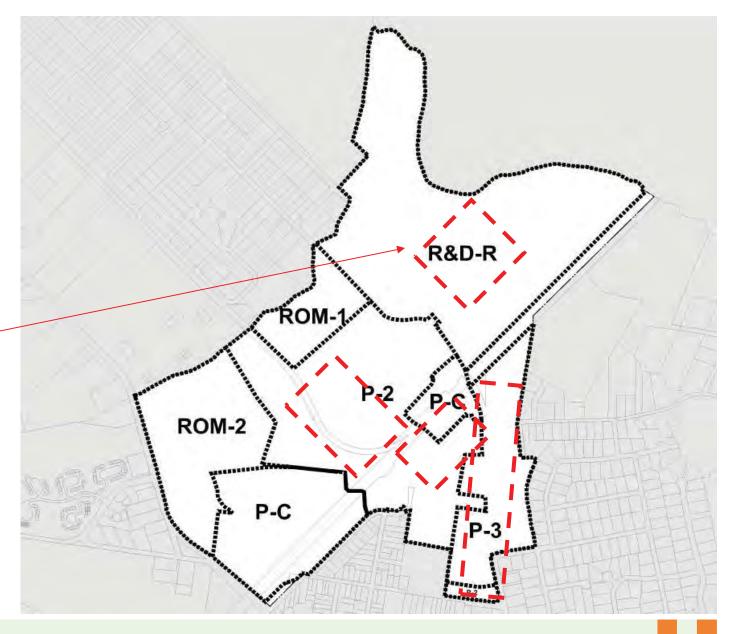
1 - 6 Stories

Portion of Mixed-Use Office Area

1 - 6 Stories

Sarnoff Site to Accommodate Preservation of Green Space

NOTE: 6 Story structures would be within existing tree line



1 - 2 1/2 Stories

571 "Main Street"

2 - 3 Stories

Station and Town Green

1 - 6 Stories

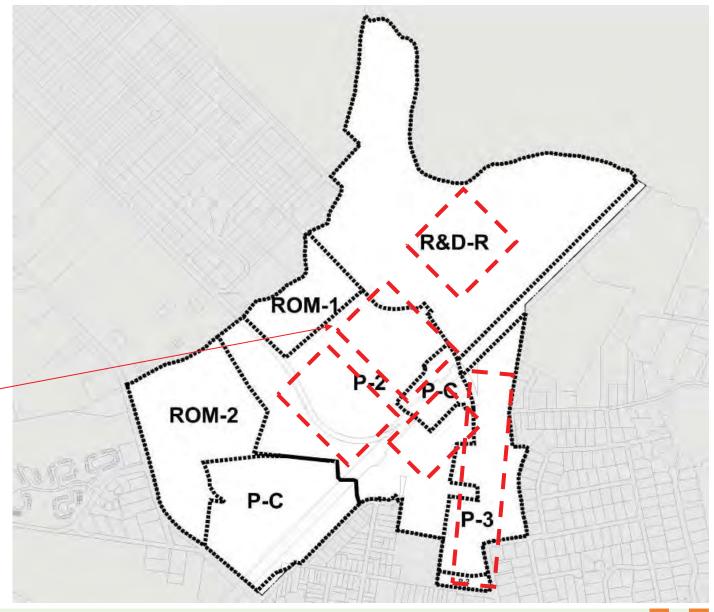
Portion of Mixed-Use Office Area

1 - 6 Stories

Sarnoff Site to Accommodate Preservation of Green Space

1 - 4 Stories

**Mixed-Use Center** 





1 - 2 1/2 Stories

571 "Main Street"

#### 2 - 3 Stories

Station and Town Green

#### 1 - 6 Stories

Portion of Mixed-Use Office Area

#### 1 - 6 Stories

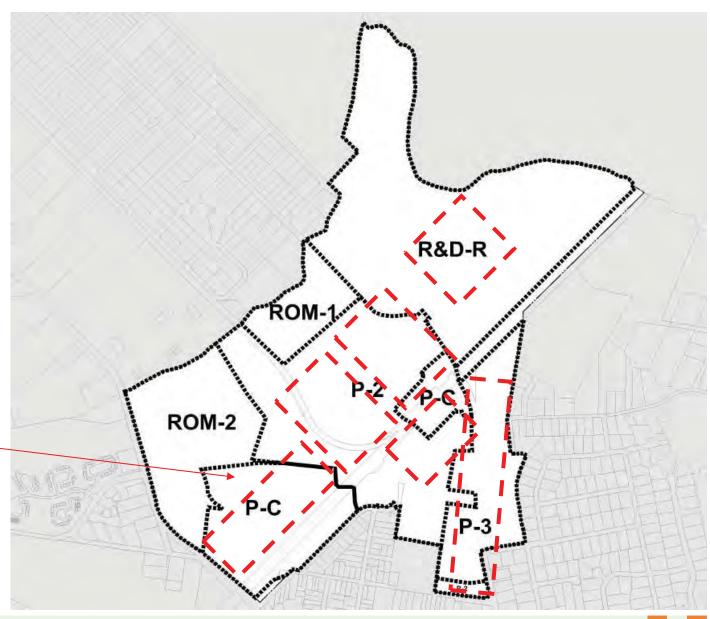
Sarnoff Site to Accommodate Preservation of Green Space

#### 1 - 4 Stories

Mixed-Use Center

#### 1 - 4 Stories

**Parking Structures** 





### PROGRAM: DENSITY OPTIONS



# PROGRAM: Zero Housing Option

- Existing buildings remain on site, as they are today.
- No new construction in the Redevelopment Plan area.
- •In order to achieve this, the town must <u>purchase</u> <u>development rights</u> to prevent future growth (because any future growth of any program produces a need to build affordable housing units)



#### **PROGRAM OPTIONS:**

### As-of-Right

#### Residential

<ul> <li>Unrestricted For-Sale Units</li> </ul>
---

• Age-restricted For-Sale Units 0

• Affordable Rental Units 193

Total 197 units

•Retail 227,736 sf

•Office 1,542,783 sf

+ Sarnoff Approved Plan 600,000 sf

Hillier

# PROGRAM OPTIONS: Scale A

#### Residential

<ul> <li>Unrestricted For-Sale Units</li> </ul>	131
<ul> <li>Age-restricted For-Sale Units</li> </ul>	66
<ul> <li>Affordable Rental Units</li> </ul>	53
Total	

•Retail 37,834 sf

•Office 200,693 sf

Possible Addition of Sarnoff Approved Plan

600,000 sf

**250** units



# PROGRAM OPTIONS: Scale B

#### Residential

• Age-restricted For-Sale Units 135

• Affordable Rental Units 95

Total 500 units

•Retail 75,668 sf

•Office 401,386 sf

Possible Addition of Sarnoff Approved Plan

600,000 sf



# PROGRAM OPTIONS: Scale C

#### Residential

<ul> <li>Unrestricted For-Sale Units</li> </ul>	409
<ul> <li>Age-restricted For-Sale Units</li> </ul>	204
Affordable Rental Units	137

Total 750 units

•Retail 113,502 sf

•Office 602,078 sf

Possible Addition of Sarnoff Approved Plan

600,000 sf



# PROGRAM OPTIONS: Scale D

#### Residential

<ul> <li>Unrestricted For-Sale Units</li> </ul>	548
<ul> <li>Age-restricted For-Sale Units</li> </ul>	274
<ul> <li>Affordable Rental Units</li> </ul>	178

Total 1000 units

•Retail 151,336 sf

•Office 802,771 sf

Possible Addition of Sarnoff Approved Plan

600,000 sf



### ECONOMICS RESEARCH ASSOCIATES



# Township of West Windsor

# Economic Analysis of Redevelopment Scenarios

Presented by
Economics Research Associates
June 4, 2007



### Economics Research Associates

### Agenda for Tonight:

- ERA Scope of Work
- Review of Market Trends
- Overview of Fiscal & Financial Analysis
- Analysis of Redevelopment Scenarios

### **Economics Research Associates**

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### ERA Scope of Work

- Examine economic and real estate trends affecting the West Windsor Township
- Evaluate market support for land uses at the Princeton Junction site (office, retail, and residential)
- Provide market-based guidance on transitoriented development
- Analyze fiscal costs and benefits of redevelopment (i.e., school costs and other municipal costs vs. property tax revenues)
- Analyze financial feasibility of redevelopment scenarios

### Economics Research Associates

### Agenda for Tonight:

- ERA Scope of Work
- Review of Market Trends
  - Office
  - Retail
  - Residential
- Overview of Fiscal & Financial Analysis
- Analysis of Redevelopment Scenarios

### Office Market Trends

### Summary of the Office Market, 4Q 2006

Market/Submarket	Existing Square Feet	Number of Buildings	Vacancy (Square Feet)	Vacancy Rate
Mercer County Middlesex County Somerset County Tri-County Subtotal	24,218,067 40,014,445 <u>27,478,126</u> 91,710,638	713 973 <u>555</u> 2,241	2,600,986 5,454,174 <u>4,821,383</u> 12,876,543	10.7% 13.6% <u>17.5%</u> 14.0%
State of New Jersey	297,829,572	8,219	37,901,026	12.7%

Source: CoStar Group; Economics Research Associates

### Office Market Trends

### Net Absorption of Office Space

Market Area	Average Annual Net Absorption (2002-2006)	
Mercer County Middlesex County Somerset County Tri-County Subtotal	235,116 138,884 <u>400,605</u> 774,605	
State of New Jersey	2,329,695	

Source: CoStar Group; Economics Research Associates

### Office Market Trends

# Annual Employment and Office Space Projections for Mercer, Middlesex and Somerset Counties

Industry Sector	Annual Employment Growth <sup>1</sup>	Annual Demand for Office Space (Square Feet) <sup>2</sup>
Professional and Business Services	2,575	643,750
Financial Activities	430	107,500
Information	-105	-26,250
Education and Health Services	2,040	510,000
Total	4,940	1,235,000

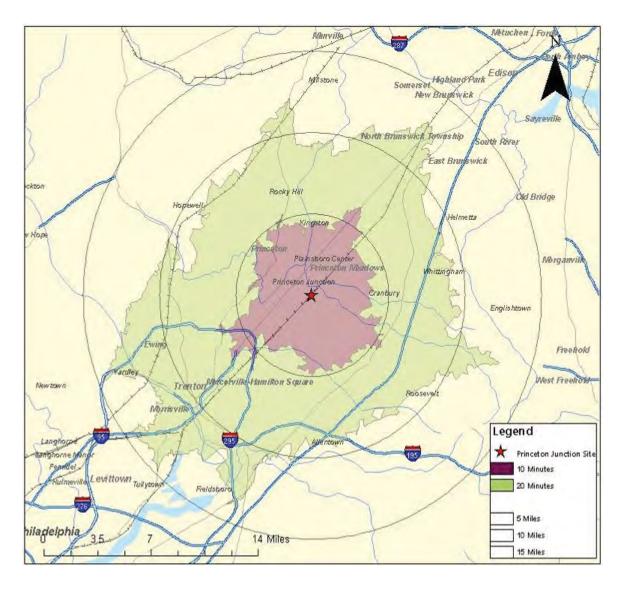
Source: New Jersey Department of Labor and Workforce Development; Economics Research Associate

<sup>&</sup>lt;sup>1</sup> Employment growth projected for the period 2004 to 2014.

<sup>&</sup>lt;sup>2</sup> Demand for Office Space assumes 250 square feet of space is required for each new job.

### Retail Market Trends

### **Drive-Time-Defined Trade Areas**



### Retail Market Trends

### Retail Trade Areas by Retail Category

Retail Category	10-Minute Trade Area	20-Minute Trade Area
Furniture and Home Furnishings Stores	$\checkmark$	$\checkmark$
Electronics and Appliance Stores	$\checkmark$	$\checkmark$
Building Material, Garden Equip Stores	$\checkmark$	$\checkmark$
Food and Beverage Stores	$\checkmark$	
Health and Personal Care Stores	$\checkmark$	
Clothing and Clothing Accessories Stores	$\checkmark$	$\checkmark$
Sporting Goods, Hobby, Book, Music Stores	$\checkmark$	$\checkmark$
General Merchandise Stores	$\checkmark$	$\checkmark$
Miscellaneous Store Retailers	$\checkmark$	
Foodservice and Drinking Places	<b>√</b>	<b>√</b>

Source: Economics Research Associates

#### Retail Market Trends

#### Estimate of Supportable New Square Feet of Retail 2011 (2006\$)

	Unmet					
	Expenditure	Retail	Retial	Capture	of Retail P	otential
	<b>Potential</b>	<b>Productivity</b>	Potential	(9	Square Feet	)
Retail Category	(Millions\$)	(\$/Square Foot)	(Square Feet)	10%	15%	20%
	(a)	(b)	(c )= (a)/(b)	(Low)	(Medium)	(High)
Furniture and Home Furnishings Stores	\$4.7	\$280	17,000	2,000	3,000	3,000
Electronics and Appliance Stores	\$0.0	\$320	0	0	0	0
Building Material, Garden Equip Stores	\$190.5	\$340	560,000	56,000	84,000	112,000
Food and Beverage Stores	\$0.0	\$410	0	0	0	0
Health and Personal Care Stores	\$0.0	\$400	0	0	0	0
Clothing and Clothing Accessories Stores	\$0.0	\$280	0	0	0	0
Sporting Goods, Hobby, Book, Music Store	\$0.0	\$210	0	0	0	0
General Merchandise Stores	\$404.1	\$200	2,009,000	201,000	301,000	402,000
Miscellaneous Store Retailers	\$23.4	\$240	98,000	10,000	15,000	20,000
Foodservice and Drinking Places	\$53.7	\$310	172,000	17,000	26,000	34,000
Total	\$676.5		2,855,000	286,000	428,000	571,000

Source: Claritas, Inc.; Economics Research Associates

Without Big-Box Retail: 85,000 SF to 169,000 SF

<sup>&</sup>lt;sup>1</sup> Sales productivity is reported as gross revenue per square foot.

### Residential Market Trends

### West Windsor Township Demographic Summary

					Annualize	d Growth
	1990	2000	2006	2011	1990-2006	2006-2011
Population	16,021	21,907	25,703	27,543	3.0%	1.4%
Households	5,363	7,282	8,483	9,087	2.9%	1.4%
Average Household Income	\$91,000	\$143,000	\$196,000	\$259,000	4.9%	5.7%

Source: ESRI Business Analyst; US Census Bureau; Economics Research Associates

### Residential Market Trends

### For-Sale Residential Projects Near West Windsor

Project Name	Location	Units Sold 1	Percent Sold <sup>1</sup>	Units Planned
Riviera at East Windsor	East Windsor	256	68%	375
Windsor Meadows	East Windsor	200	100%	200
Montage at Hamilton	Hamilton	36	58%	62
Enchantment	Hamilton	219	94%	232
Hamilton Mews	Hamilton	11	100%	11
Weathersfield Estates	Hamilton	10	23%	43
Traditions at Hamilton Crossing	Hamilton	152	62%	246
Enchantment at Highstown	Highstown	31	41%	76
Washington Town Center	Robbinsville	652	92%	706
Combs Farm	Washington	21	46%	46
Washington Estates	Washington	5	20%	25
Estates at Princeton Junction	West Windsor	436	89%	491
Renaissance at West Windsor	West Windsor	40	26%	156

Source: Hanley Wood Market Intelligence

<sup>&</sup>lt;sup>1</sup> Units sold through December 2006.

#### Residential Market Trends

Transit-oriented residential development in West Windsor has the potential to attract:

- Commuters
- Young urban professionals
- Empty nesters

Residential development should include appropriate unit types that appeal to this target market:

- Flats
- Apartments
- Residential over Retail

# **Summary of Development Potential**

Office	<ul> <li>■ Potential for boutique office followed by large-floorplate office development</li> <li>■ Net annual absorption of 775K square feet in the market area</li> <li>■ Employment growth projected to generate over 1 million SF annually</li> </ul>	Demand exists but there are numerous office sites with significant development potential.
Retail	■ TOD convenience retail ■ Potential for larger-scale retail center ■ 285K-570K SF supportable by 2011 ■ Excluding big-box retail, 85K -169K SF ■ Only 90,000 SF approved in the Township	Market support for a significant retail amenity if it is appropriately positioned and marketed.
Residential	■ Potential for new markets and product types	Strong market performance suggests good potential for transit-oriented residential development

### **Economics Research Associates**

### Agenda for Tonight:

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### **Property Taxes**

- Based on discussions with Township Staff on valuation methods, mill rates, and current property taxes paid by comparable properties and users
- Valuation of different asset classes were derived based on the following assumptions
  - Office Rent of \$ 45 PSF = Assessed Value of \$233 PSF
  - Retail Rent of \$40 PSF = Assessed Value of \$242 PSF
  - Affordable Rental Unit Rent of \$1,255 = Assessed Value of \$97,000
  - For Sale Residential Units: \$350 PSF = Assessed Value of \$350,000

### Municipal Tax Revenue (Per RU/1,000 SF)

Program Element	Assessed Value	Property Tax Rate	Annual Tax Revenue	Remittance to County (5%)	Municipal Tax Revenue
Residential					
Unrestricted For-Sale Units (Per RU)	\$350,000	1.91%	\$6,685	\$334	\$6,351
Age-Restricted For-Sale Units (Per RL	\$350,000	1.91%	\$6,685	\$334	\$6,351
Affordable Rental Units (Per RU)	\$96,890	1.91%	\$1,851	\$93	\$1,758
Retail (Per 1,000 SF)	\$241,920	1.91%	\$4,621	\$231	\$4,390
Office (Per 1,000 SF)	\$233,280	1.91%	\$4,456	\$223	\$4,233

Source: West Windsor Township; Economics Research Associates

### Municipal School Cost

- Reviewed FY 06/07 School Budget and determined average annual school costs:
  - \$15,000 per pupil
- Determined proportion of school costs funded by the Township:
  - \$13,200 per pupil
- Utilized school children projection rates prepared by Stan Katz:
  - 0.35 school-age children per residential unit

#### Municipal School Cost (Per RU)

Program Element	Pupils Per RU <sup>1</sup>	Municipal School Cost Per Pupil <sup>2</sup>	Municipal School Cost Per RU
Unrestricted For-Sale Units (Per RU)	0.35	\$13,200	\$4,620
Age-Restricted For-Sale Units (Per RU)	0.00	\$13,200	\$0
Affordable Rental Units (Per RU)	0.35	\$13,200	\$4,620

Source: Hillier Architecture; Economics Research Associates

<sup>&</sup>lt;sup>1</sup> Assumes 0.35 students per residential unit (Katz).

<sup>&</sup>lt;sup>2</sup> Assumes a total municipal cost per pupil of \$13,200 (\$15,000 total per pupil, less State/County/Other funding of 12 percent).

### Municipal Service Cost

- Reviewed FY 06 Township Budget
  - **\$31,405,200**
- Reviewed departmental expenses that would potentially be impacted by redevelopment
  - Public Safety
  - Statutory Expenses
  - Sewerage
  - Refuse Collection
  - Health/Human Services
  - Law
  - Utility Expenses

- Public Works
- Community Development
- Administration
- Fire Hydrant Service
- Municipal Court
- Capital Improvement

 Allocated municipal service costs among households and commercial properties

### Municipal Service Cost (Per DU/1,000 SF)

		Local Tax-
Municipal Service Costs	Total Cost	Funded Cost <sup>1</sup>
Current Municipal Costs		
Municipal Budget <sup>2</sup>	\$31,405,200	\$17,272,860
Costs Impacted by Redevelopment <sup>3</sup>	\$22,496,510	\$12,373,080
Municipal Costs By Land Use Category <sup>4</sup>		
Residential Share of Variable Municipal Costs		\$9,088,030
Commercial Share of Variable Municipal Costs		\$3,285,050
Municipal Costs Per Residential Unit		
West Windsor Households		8,483
Residential Share of Variable Municipal Costs		
Per Household		\$1,071
Municipal Costs Per 1,000 Square Feet		
West Windsor Employees		26,324
Commercial Share of Variable Municipal Costs		
Per Employee		\$125
Commercial Share of Variable Municipal Costs		
Per 1,000 SF of Retail Space (2.5 Employees)		\$312
Commercial Share of Variable Municipal Costs		
Per 1,000 SF of Office Space (4 Employees)		\$499

Source: ESRI; US Census Bureau; West Windsor Township; Hillier Architecture; Economics Research Associates

### Fiscal Impact (Per RU/1,000 SF)

	Municipal Tax	Municipal School	Municipal Service	Net Municipal
Program Element	Revenue	Costs	Costs	Revenue
Residential				
Unrestricted For-Sale Units (Per RU)	\$6,351	\$4,620	\$1,071	\$659
Age-Restricted For-Sale Units (Per RU)	\$6,351	\$0	\$1,071	\$5,279
Affordable Rental Units (Per RU)	\$1,758	\$4,620	\$1,071	(\$3,933)
Retail (Per 1,000 SF)	\$4,390	\$0	\$312	\$4,078
Office (Per 1,000 SF)	\$4,233	\$0	\$499	\$3,734

Source: West Windsor Township; Hillier Architecture; Economics Research Associates

# Amenity Funding Analysis

- Office/retail constructions costs are estimated at:
  - \$200 PSF
- Residential construction costs are estimated at:
  - \$180 PSF for for-sale units
  - \$130 PSF for affordable units
- Developer fees and profits are estimated at:
  - 15 percent of development cost (including construction and land costs)

# Amenity Funding Analysis

### Development Value (Per RU/1,000 SF)

Program Element	Development Value	Vertical Construction Cost	Residual Development Value
Residential Unrestricted For-Sale Units (Per RU) Age-Restricted For-Sale Units (Per RU) Affordable Rental Units (Per RU)	\$350,000 \$350,000 \$148,744	\$178,200 \$178,200 \$99,000	\$171,800 \$171,800 \$49,744
Retail (Per 1,000 SF)	\$355,474	\$198,000	\$157,474
Office (Per 1,000 SF)	\$344,366	\$198,000	\$146,366
Add Potentia	Less Infra Less D al Low Income He	Less Land Cost astructure Cost eveloper Profit ousing Subsidy enity Funding	Varies By Scenario

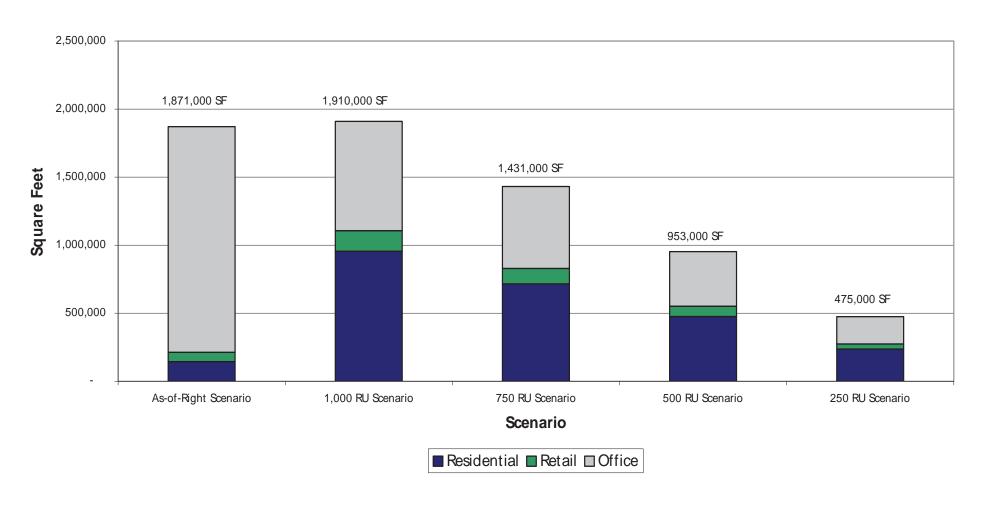
Source: Hillier Architecture; Economics Research Associates

### **Economics Research Associates**

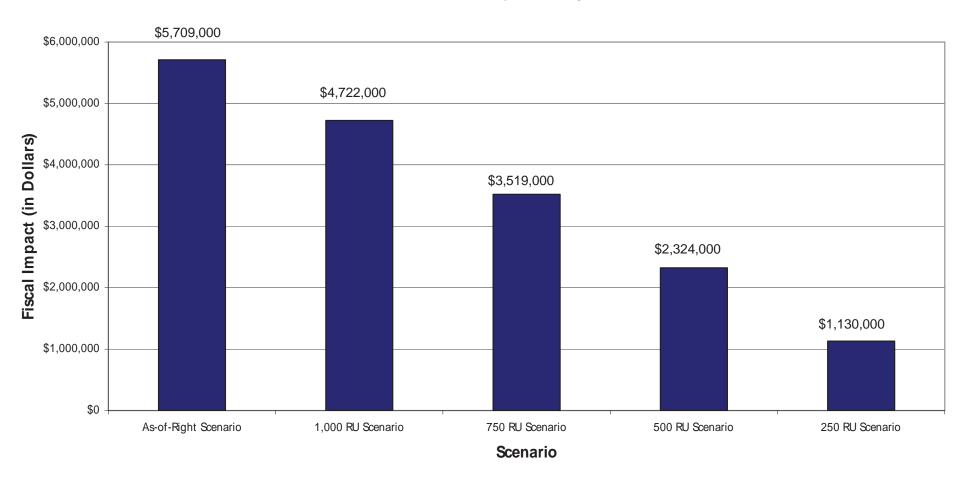
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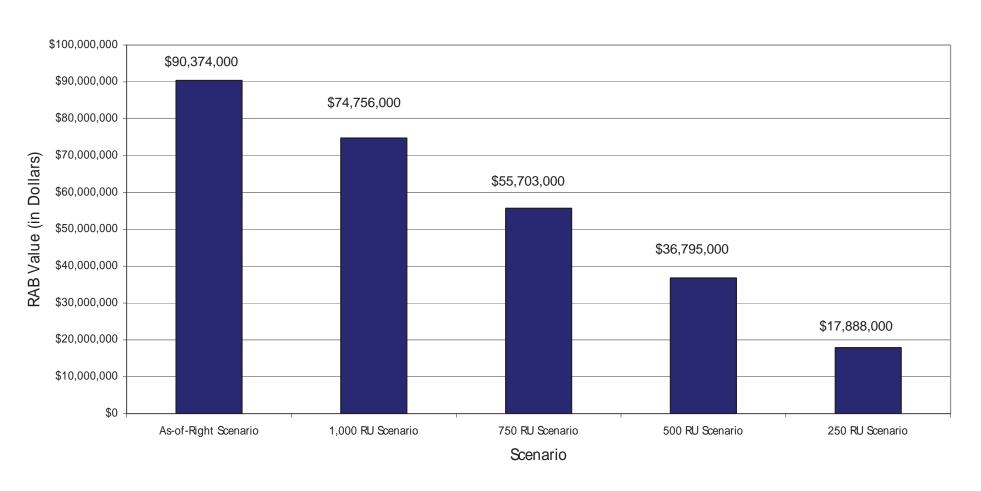
#### Development Program by Scenario (Square Feet)



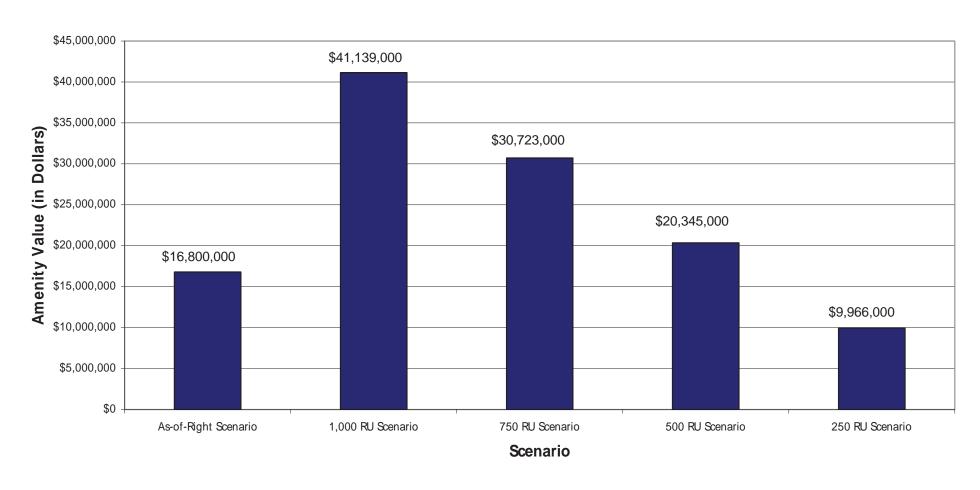
#### Annual Net Fiscal Impact by Scenario



#### Value of Potential Revenue Area Bond



#### Amenity Value by Scenario



#### Amenity Value by Scenario

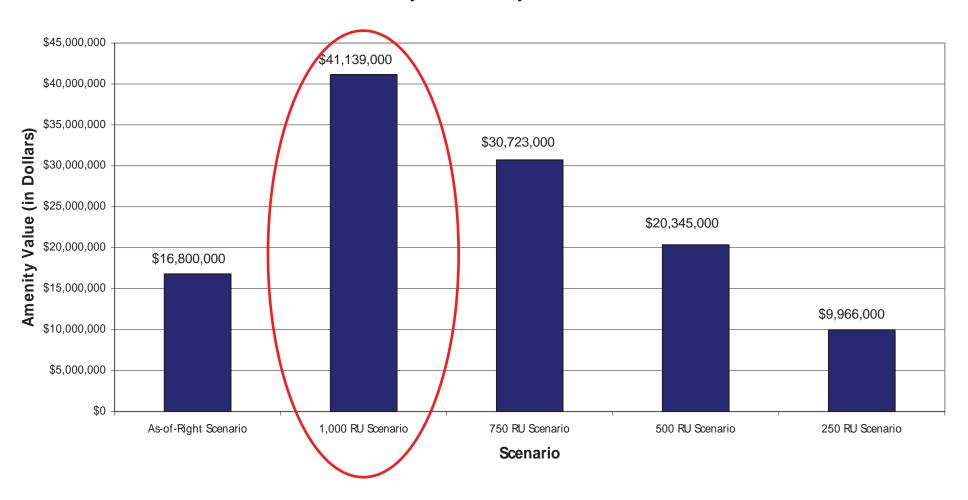


Amenity Funding Analysis: As-of-Right Scenario

Program Element	Total Market Value	Vertical Construction Cost [2]	Residual Development Value [3] = [1] - [2]
Residential Unrestricted For-Sale Units Age-restricted For-Sale Units Affordable Rental Units Residential Total	\$0 \$0 \$28,708,000 \$28,708,000	\$0 \$0 <u>\$19,107,000</u> \$19,107,000	\$0 \$0 <u>\$9,601,000</u> \$9,601,000
Retail Office	\$24,270,000 \$570,871,000	\$13,518,000 \$328,234,000	\$10,751,000 \$242,637,000
Total	\$623,848,000	\$360,859,000	\$262,989,000
<u>Potentia</u>	Double Low Income Ho	Land Cost rastructure Cost eveloper Profit busing Subsidy nenity Funding	-\$128,596,000 -\$49,000,000 -\$73,418,000 <u>\$4,825,000</u> \$16,800,000

Source: Hillier Architecture; Economics Research Associates

#### Amenity Value by Scenario



Amenity Funding Analysis: 1,000 RU Scenario

Program Element	Total Market Value	Vertical Construction Cost [2]	Residual Development Value [3] = [1] - [2]
Residential Unrestricted For-Sale Units Age-restricted For-Sale Units Affordable Rental Units Residential Total	\$191,800,000 \$95,900,000 \$26,476,000 \$314,176,000	\$97,654,000 \$48,827,000 <u>\$17,622,000</u> \$164,102,000	\$94,146,000 \$47,073,000 \$8,854,000 \$150,074,000
Retail Office	\$53,796,000 \$276,447,000	\$29,965,000 \$158,949,000	\$23,832,000 \$117,498,000
Total	\$644,419,000	\$353,016,000	\$291,404,000
<u>Potentia</u>	-\$132,837,000 -\$49,000,000 -\$72,878,000 \$4,450,000 \$41,139,000		

Source: Hillier Architecture; Economics Research Associates

### **Conclusion**

- Transit-oriented development with a mix of residential, retail, and commercial uses will create a sense of place at Princeton Junction
- Newly-built space with access to public transportation will achieve a premium in terms of rents and sale prices
- Based on NJ Redevelopment Law, the analysis assumes a PILOT structure
- As development density is reduced, net fiscal impacts, RAB financing, and amenity funding is also reduced
- A significant reduction in development density from the as-of-right zoning may trigger the need for subsidies to private land owners

### **AMENITIES TO BE FUNDED:**



	Amenities	Estimated Cost
• Vaughn Drive		\$ 17,000,0



Estin	nated Cost
S	17,000,00
S	20,900,00
	S

Amenities	Estin	ated Cost
Vaughn Drive	S	17,000,00
WW Resident Parking Garage: 327,690 square feet		
OR private developer-built	\$	5,000,00
	20.00	- W 150.0

Amenities	Estim	ated Cost
Vaughn Drive	S	17,000,00
WW Resident Parking Garage: 327,690 square feet	S	20,900,00
New Fire Station/EMS/Police Station	S	1,750,00
	0.0000000000000000000000000000000000000	

Amenities	Estin	nated Cost
Vaughn Drive	S	17,000,000
WW Resident Parking Garage: 327,690 square feet	\$	20,900,000
New Fire Station/EMS/Police Station	S	1,750,000
Train Station "Bowl"	\$	10,000,000
		0.00 0.000

S	17,000,00
\$	22 242 42
	20,900,00
S	1,750,00
\$	10,000,00
S	600,00

Estimated Cost	
S	17,000,000
S	20,900,000
s	1,750,000
\$	10,000,000
S	600,000
\$	7,248,800
	- West
	s s s

Amenities	Estimated Cos	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000
New Fire Station/EMS/Police Station	S	1,750,000
Train Station "Bowl"	\$	10,000,000
Station Waiting Area	S	600,000
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,

Amenities	Estimated Cost	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000
New Fire Station/EMS/Police Station	S	1,750,000
Train Station "Bowl"	\$	10,000,000
Station Waiting Area	S	600,000
Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value	\$	7,248,800
Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value	S	2,095,760
Town Green	S	1,000,000
	0.00	
		- w Di

Amenities	Estimated Cost	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	\$	20,900,000
New Fire Station/EMS/Police Station	S	1,750,000
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Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value	\$	7,248,800
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760
Town Green	S	1,000,000
<ul> <li>Track Crossing from west side garages to NYC side.</li> </ul>	S	5,000,000
		- W. 1.00 Co.

Amenities		Estimated Cost	
Vaughn Drive	S	17,000,000	
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000	
New Fire Station/EMS/Police Station	s	1,750,000	
Train Station "Bowl"	\$	10,000,000	
Station Waiting Area	S	600,000	
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800	
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760	
Town Green	S	1,000,000	
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000	
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000	

Amenities		Estimated Cost	
Vaughn Drive	S	17,000,000	
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	\$	20,900,000	
New Fire Station/EMS/Police Station	S	1,750,000	
Train Station "Bowl"	S	10,000,000	
Station Waiting Area	S	600,000	
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800	
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760	
Town Green	S	1,000,000	
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000	
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000	
Site Remediation: Block 6, Lot 17, 18, 32	S	2,000,000	

Amenities	Estimated Cost	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000
New Fire Station/EMS/Police Station	s	1,750,000
Train Station "Bowl"	\$	10,000,000
Station Waiting Area	S	600,000
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760
Town Green	S	1,000,000
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000
<ul> <li>Site Remediation: Block 6, Lot 17, 18, 32</li> </ul>	\$	2,000,000
▶ Land Acquisition: Lot 6, Block 54	S	2,000,000

Amenities	Estimated Cost	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000
New Fire Station/EMS/Police Station	s	1,750,000
Train Station "Bowl"	\$	10,000,000
Station Waiting Area	S	600,000
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760
Town Green	S	1,000,000
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000
<ul> <li>Site Remediation: Block 6, Lot 17, 18, 32</li> </ul>	S	2,000,000
▶ Land Acquisition: Lot 6, Block 54	\$	2,000,000
New Athenaeum Community Facility	S	14,000,000

Amenities	Estimated Cost	
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	S	20,900,000
New Fire Station/EMS/Police Station	S	1,750,000
Train Station "Bowl"	\$	10,000,000
Station Waiting Area	S	600,000
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760
Town Green	S	1,000,000
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000
<ul> <li>Site Remediation: Block 6, Lot 17, 18, 32</li> </ul>	S	2,000,000
▶ Land Acquisition: Lot 6, Block 54	\$	2,000,000
New Athenaeum Community Facility	S	14,000,000

Amenities		Estimated Cost	
Vaughn Drive	S	17,000,000	
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	\$	20,900,000	
New Fire Station/EMS/Police Station	S	1,750,000	
Train Station "Bowl"	\$	10,000,000	
Station Waiting Area	S	600,000	
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800	
<ul> <li>Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value</li> </ul>	S	2,095,760	
Town Green	S	1,000,000	
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000	
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000	
<ul> <li>Site Remediation: Block 6, Lot 17, 18, 32</li> </ul>	S	2,000,000	
▶ Land Acquisition: Lot 6, Block 54	\$	2,000,000	
New Athenaeum Community Facility	S	14,000,000	
Additional Options			
<ul> <li>Dinky Grade Separated Crossing (over Dinky @ Vaughn Drive)</li> </ul>	S	8,000,000	

## **NOTE:**

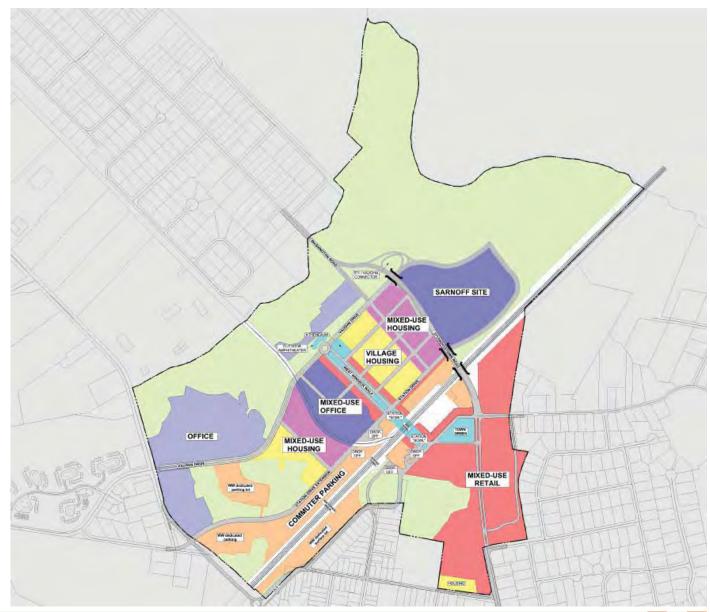
-Numbers are for Planning Purposes Only, in order to understand general order of magnitude for the various options. -Market Value of properties based in Assessed Value of Property (obtained from the West Windsor Office of the Tax Assessor) multiplied by 136% for estimated market value.

Amenities	Estir	nated Cost
Vaughn Drive	S	17,000,000
<ul> <li>WW Resident Parking Garage: 327,690 square feet</li> </ul>	\$	20,900,000
New Fire Station/EMS/Police Station	s	1,750,000
Train Station "Bowl"	S	10,000,000
Station Waiting Area	S	600,000
<ul> <li>Land Acquisition: Schlumberger (block 6.2, lot 20) - estimated market value</li> </ul>	\$	7,248,800
■ Land Acquisition: portion of PNC (block 6.2, lot 21) - estimated market value	S	2,095,760
Town Green	S	1,000,000
<ul> <li>Track Crossing from west side garages to NYC side</li> </ul>	S	5,000,000
<ul> <li>Land Acquisition: commuter parking on Station Drive</li> </ul>	\$	2,600,000
<ul> <li>Site Remediation: Block 6, Lot 17, 18, 32</li> </ul>	S	2,000,000
▶ Land Acquisition: Lot 6, Block 54	S	2,000,000
New Athenaeum Community Facility	\$	14,000,000
Additional Options		
<ul> <li>Dinky Grade Separated Crossing (over Dinky @ Vaughn Drive)</li> </ul>	S	8,000,000
Power Station Move		25-50 Million

## AMENITIES: SPACES & PLACES

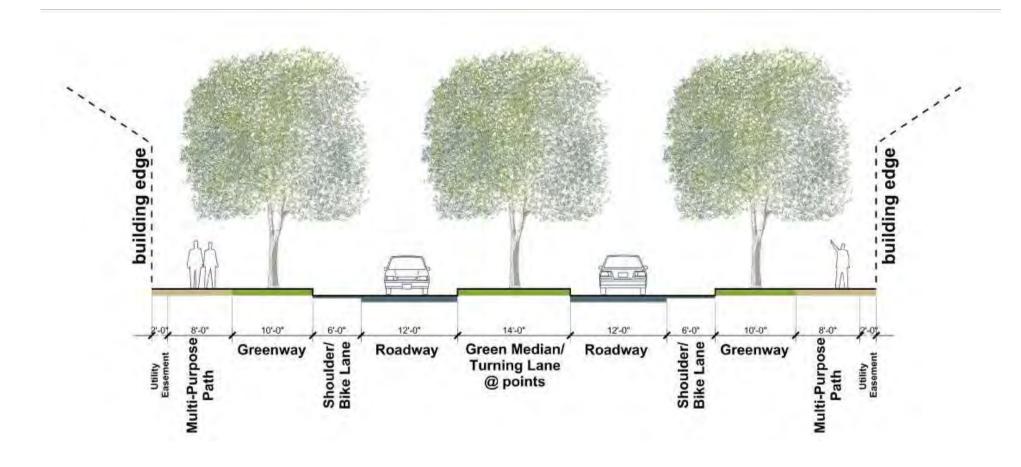


## LAND-USE: Making "Place"





## SECTION: Route 571









WEST WINDSOR REDEVELOPMENT PLAN













WEST WINDSOR REDEVELOPMENT PLAN

