

**Long Range Transportation Plan**

PRESENTATION TO  
**Danville Metropolitan Planning  
Organization**

June 22, 2010

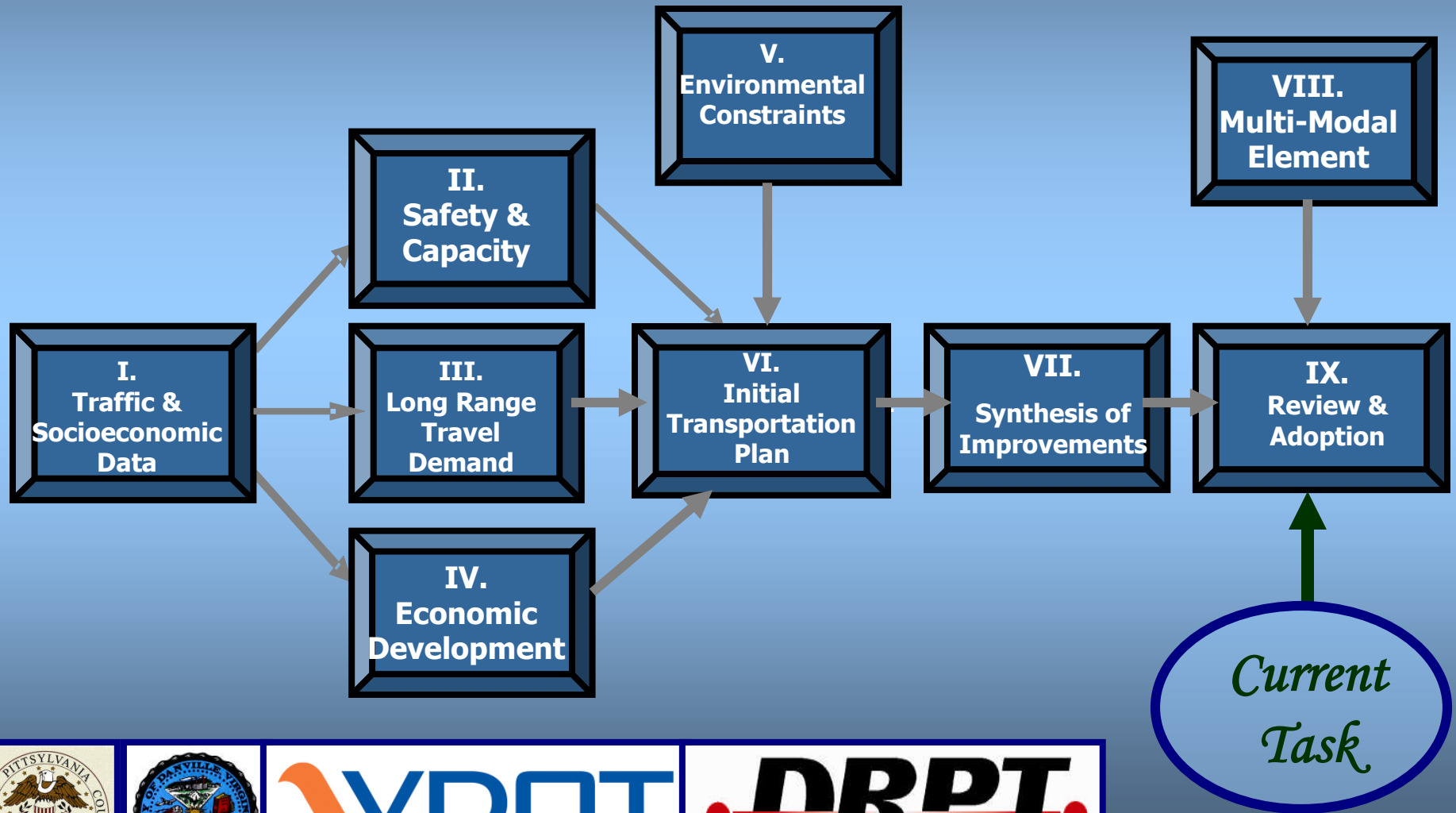
Danville, VA



## Current Long Range Transportation Plan Status

- > Update to 2030 LRTP Adopted 12/10/2009
- > Update to 2035 in process: Target Adoption June 2010
  - *Second Citizens Meeting March 30, 2010 – Presented Alternatives*
  - *Third Citizens Meeting June 2, 2010 – Present Plan*
  - **Plan to MPO Board June 22, 2010 with Public Hearing**

# Transportation Planning Process



## 2035 Plan Alternatives

### Alternatives Development

- > Alternatives Development Themes
  1. 2030 Plan Continuation
  2. Mega Park Access
  3. Operations & Safety Focus

*All Alternatives include Robertson Bridge and Franklin Turnpike Connector*

## **2035 Plan Alternatives**

### **> 2030 Plan Continuation**

- Widening of Mount Cross Road to Beaver Mill
- Route 730 Connector to Danville Expressway (US 29 Byp)

### **> Mega Park Access**

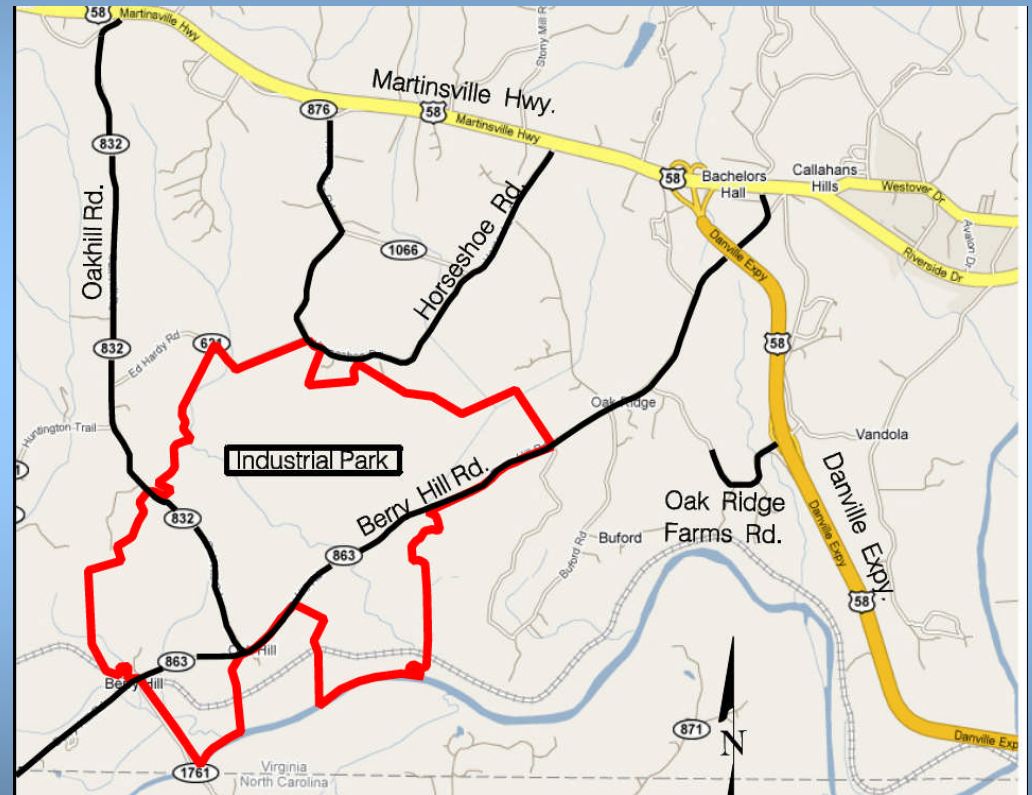
- Widening of Route 621 from US Route 58 West
- New Access from Danville Expressway to Route 863
- Widening of Route 863 (Berry Hill Road)

### **> Operations and Safety Focus**

- Various Improvements Based on Existing Congestion and Crash Frequencies and Severities

## 2035 Plan Development Process

- > Addition of Mega Park to Analysis
  - Changes in 2035 population and employment forecasts
  - Revisions to travel demand model
- > Downward Revisions in Revenue Forecasts



## 2035 Plan Development Process

### Mega Park Employment

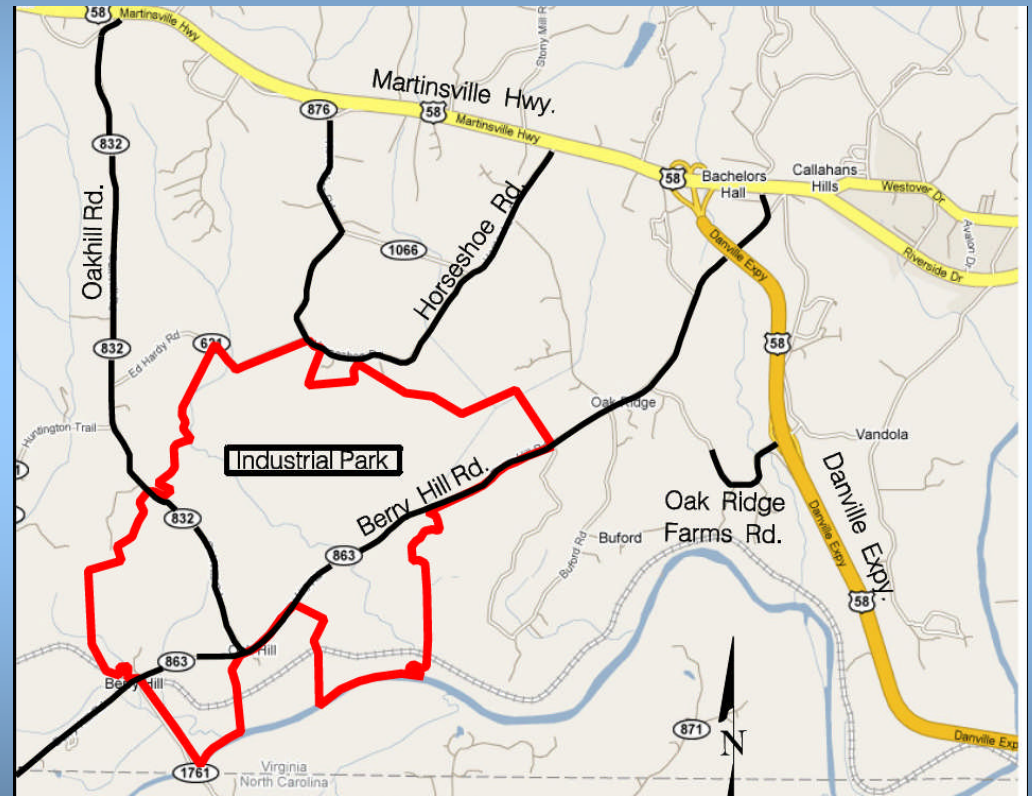
11,500 Employees  
by 2035

5,750 Added to MPO  
Area Forecast  
(50%)

2,168 City

809 County (MPO)

2,773 Outside MPO



## Revenue Revisions

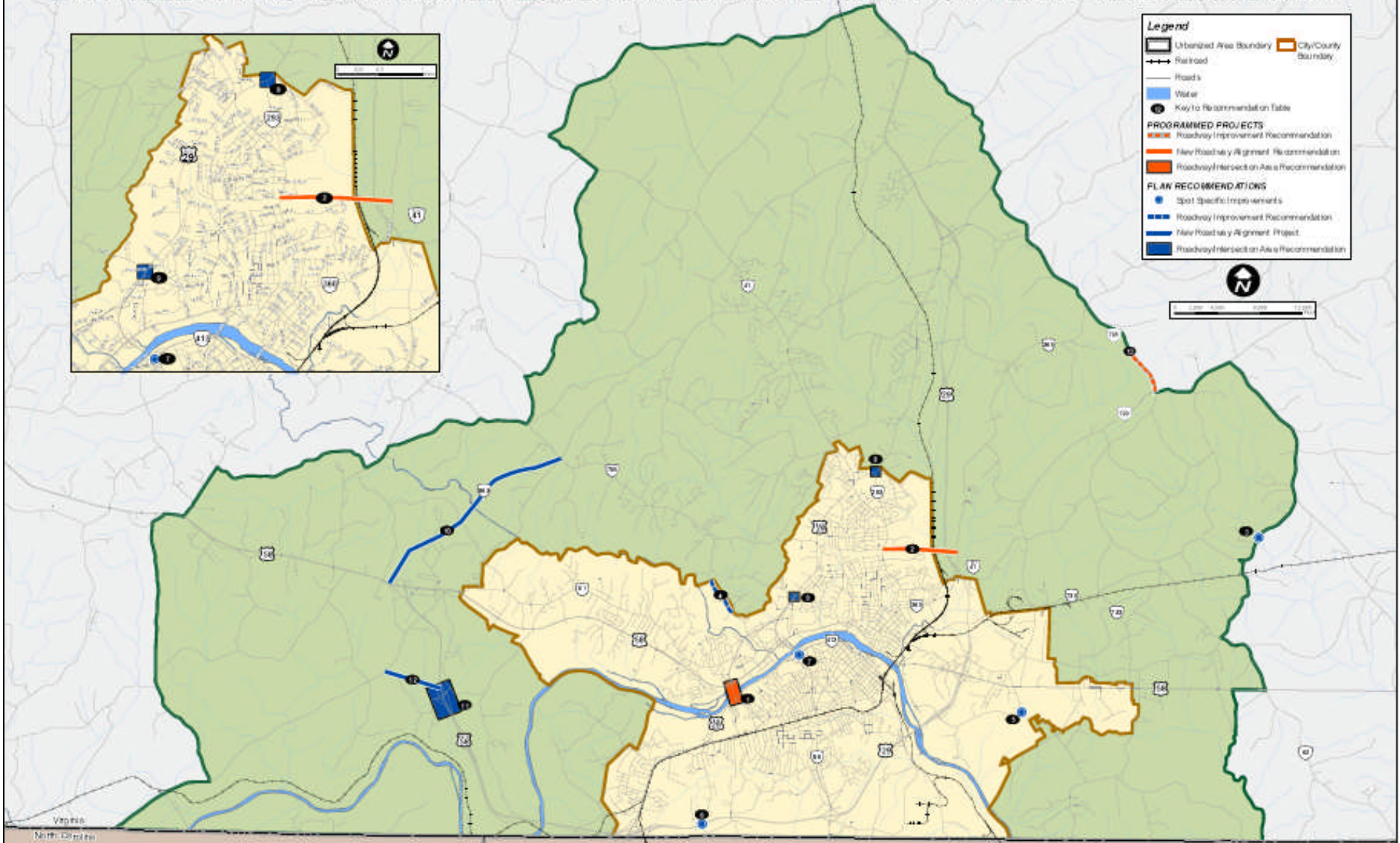
### The Changing View of Future Revenues

> Original 2030 Plan	\$188.4 Million
> Updated 2030 Plan	\$95.1 Million
> 2035 Plan (2010-2035)*	\$67.9 Million

*\*\$16 Million allocated to Franklin Turnpike Connector and Robertson Bridge Leaving Unallocated Balance of \$51.9 Million*

# DRAFT FINANCIALLY CONSTRAINED PLAN

## DANVILLE - PITTSYLVANIA AREA LONG-RANGE TRANSPORTATION PLAN - YEAR 2035 DRAFT



Virginia  
North Carolina

<u>2035 Map ID (1)</u>	<u>Project Description (From/To)</u>	<u>Locality</u>	<u>Status (2)</u>	<u>Comments</u>	<u>Proposed Typical Section (3)</u>	<u>Estimated Cost (4)</u>
1	Robertson Bridge	City of Danville	PP	Replace Robertson Bridge and Improve Approaches.	U4	\$2,214,000 (5)
2	VA 41 Extension -- US 29 Bypass to VA 293	Pittsylvania County	PP	Construct new roadway (Rte 265-Franklin Turnpike Connector)	U4D	\$13,829,000 (6)
3	Sandy Creek Bridge Replacement (Rt. 730)	Pittsylvania County		Replace Bridge	R2	\$2,160,000
4	Mt. Cross (Rt. 750) - City Line to Old Mt. Cross	City of Danville		Widen to 4 Lanes.	U4D	\$24,090,000
5	Airport Dr. at Stinson Dr.	City of Danville		Geometric improvements. (PE)	U2	\$100,000 (7)
6	US 29 Bypass at Elizabeth Street (Rt. 1128) - Ramp and Road Improvements	City of Danville		Improvements to the ultimate interchange ramps as well as improvements on Elizabeth St. and Holland Road. (PE)	U2D	\$790,000 (8)
7	US 29 (Central Boulevard) at VA 413 (Memorial Drive)	City of Danville		Improve alignment of southbound to westbound ramp	U4D	\$1,580,000
8	Piney Forest Road (US 29 Bus.) at North Main Street (VA 293)	City of Danville		Upgrade and signalize intersection, modify circulation patterns (including re-alignment of Seminole Drive)	U4D	\$2,890,000
9	Piney Forest Road and Central Boulevard at (US 29 Bus.) -- Piney Forest Road to Parker Road	City of Danville		Intersection and circulation improvements (includes shift of Piney Forest Road connection to opposite Parker Road) (PE)	U4D	\$950,000 (9)
10	VA 863 -- US 58 to 0.8 miles south of VA 750	Pittsylvania County		Construct roadway on new alignment. (PE)	R2	\$1,560,000 (10)
11	Oak Ridge Farms Interchange (w/ US 58 Bypass)	Pittsylvania County		Interchange improvements. (PE)		\$400,000 (11)
12	Mega Park Connector Road - Oak Ridge Farms Interchange (w/ US 58 Bypass) to Megapark	Pittsylvania County		Construct 4-lane roadway on new alignment. (PE)	R4D	\$400,000 (12)
13	VA 726 (Kentuck Church) -- Rt. 729 to 0.1 MS VA 360	Pittsylvania County	PP	Reconstruct 2 lane (UPC #954)	R2	\$840,747 (13)
N/A	Safety/ITS/Operational Improvements (CN)	N/A	PA	Various Improvements	N/A	\$8,110,681 (14)
N/A	Transportation Enhancements/Byway/Other Non-traditional Transportation Projects (CN)	N/A	PA	Various Improvements	N/A	\$284,348 (14)
N/A	Rail Crossing Safety (CN)	N/A	PA	Various Improvements	N/A	\$40,582 (14)
N/A	Bridge Rehabilitation/Replacement/Reconstruction (CN)	N/A	PA	Various Improvements	N/A	\$8,090,986 (14)
<b>Total - Improvements</b>						<b>\$68,330,254</b>
<b>Total - Maintenance: Preventative Maintenance and System Preservation, Preventative Maintenance for Bridger, and Traffic and Safety Operation (MPO Wide)</b>						<b>\$851,748,315 (15)</b>



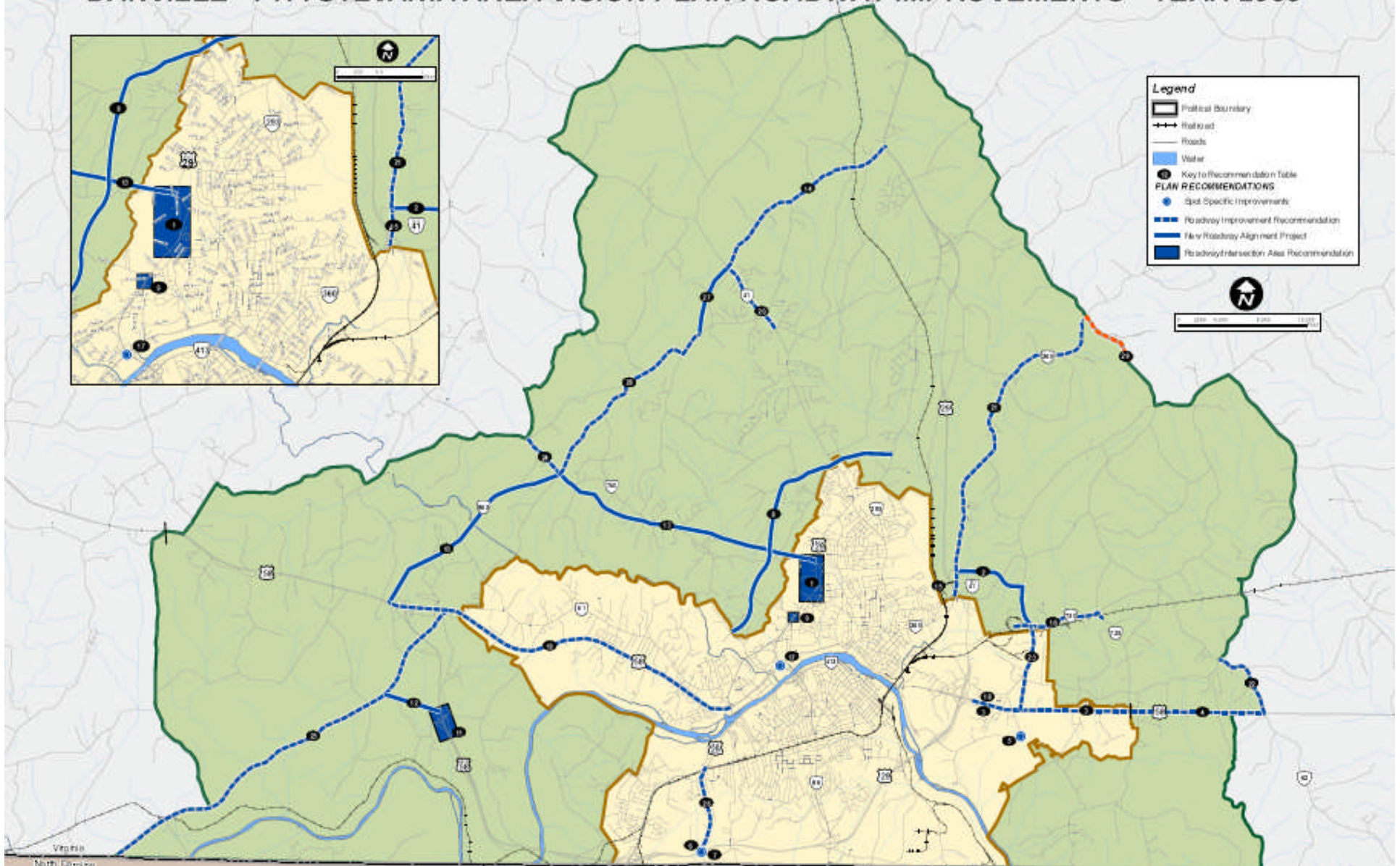
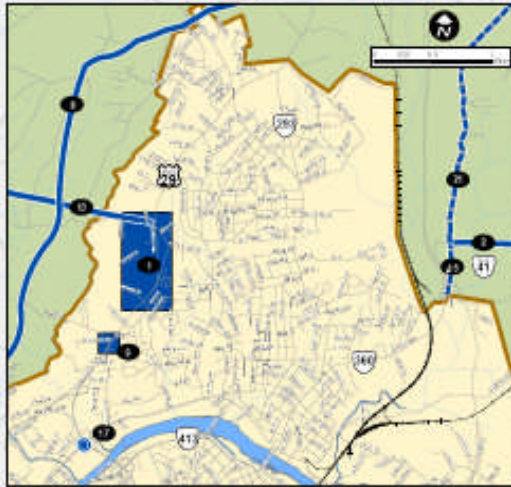
# Status of 2030 Plan Projects in 2035 Plan

**Removed**
 **Continued**
 **Completed**

Updated Map ID	Project Description (From/To)	Allocations FY2010-2030	Locality	Status	Remarks	Proposed Typical Section
1	US 29 Bypass – US 29 Business at West Main Street/North Carolina line to US 29 Business at Blairs	\$4,300,000	Pittsylvania County/City of Danville		Upgrade to Interstate standards. 14.71 miles and 7 interchanges (PE)	I4
2	US 29 Bypass at Elizabeth Street	\$4,600,000	City of Danville		Construct bridge structure and ramps for interchange (PE)	
3	US 29 (Central Boulevard) at VA 413 (Memorial Drive)	\$1,700,000	City of Danville		Improve alignment of southbound to westbound ramp	
4	Piney Forest Road and Central Boulevard at (US 29 Bus.) -- Piney Forest Road to Parker Road	\$7,700,000	City of Danville		Intersection and circulation improvements (includes shift of Piney Forest Road connection to opposite Parker Road)	
5	Piney Forest Road (US 29 Bus.) -- Audubon Drive to Beaver Mill Road	\$11,900,000	City of Danville		Intersection and circulation improvements (includes shift of Beaver Mill Road/Wendell Scott intersection; connect Pineview Drive and Deer Run Road to Beaver Mill Road)	
6	Piney Forest Road (US 29 Bus.) at North Main Street (VA 293)	\$2,300,000	City of Danville		Upgrade and signalize intersection, modify circulation patterns (including realignment of Seminole Drive)	
7	VA 41 Extension -- VA 730 (0.4 miles west of VA 729) to VA 360/US 29 Bypass	\$1,100,000	Pittsylvania County		Construct 2-lane roadway on new alignment (PE)	U2
8	VA 41 Extension -- US 29 Bypass to VA 293	\$17,929,000	Pittsylvania County	UC	Construct new roadway (Rte 265-Franklin Turnpike Connector) UPC #13511, 79398, 79955	U4D
9	VA 41-- US 29 Bus. (Piney Forest Road) to Danville corporate limits	\$0	City of Danville	CC	Widen roadway, improve intersection at Piney Forest Road, UPC #14614	U4D
10	VA 41 -- VA 719 west to VA 863	\$22,570,500	Pittsylvania County	DE	Widen from 2 to 5 lanes UPC #17724	U4D
11	VA 86 (South Main Street) --NC state line to Goodyear Boulevard	\$400,000	City of Danville		Widen to four lanes, improve intersection at Goodyear Boulevard and install traffic signal	U4D
12	VA 360 -- Danville corporate limits to VA 41 Extension	\$600,000	Pittsylvania County		Widen to four lanes (PE)	U4D
13	VA 730 and 733 -- VA 41 Extension to 0.1 miles south of railroad tracks on VA 733	\$1,700,000	Pittsylvania County		Reconstruct to current two-lane standards, includes improvements to intersection at VA 730/VA 733 (PE & RW)	U2
14	VA 750 at VA 863	\$190,000	Pittsylvania County	PP	reconstruct intersection and approaches UPC #81238	PP
15	VA 750 (Mount Cross Parkway) -- VA 863 to US 29 Business (Piney Forest Road)	\$2,900,000	Pittsylvania County/City of Danville		Construct 4-lane parkway on new alignment (PE funding)	R4D
16	VA 863 -- US 58 to 0.8 miles south of VA 750	\$500,000	Pittsylvania County		Construct roadway on new alignment (PE)	R2
17	Iris Lane parkway -- Central Boulevard to US 29 (Danville Expressway)	\$4,500,000	Pittsylvania County/City of Danville		Construct 4-lane parkway on new alignment (PE)	R4D
18	Parker Road -- Iris Lane Parkway to Central Boulevard	\$100,000	City of Danville		Improve two-lane facility (PE)	U2
19	Robertson Street Bridge	\$2,819,000	City of Danville	PP	Replace Robertson Bridge and Improve Approaches . UPC #17740, 93335, 94584	
20	Worsham Street Bridge	\$0	City of Danville	CC	Demolition UPC #12521	
21	VA 726 (Kentuck Church) -- Rt. 729 to 0.1 MS VA 360	\$6,460,000	Pittsylvania County	PP	Reconstruct 2 lane (UPC #954)	
22	Park Avenue Extension -- Piedmont Dr. to River View	\$700,000	City of Danville	UC	Local funded project	

# DRAFT VISION PLAN (NO FINANCIAL CONSTRAINTS)

## DANVILLE - PITTSYLVANIA AREA VISION PLAN ROADWAY IMPROVEMENTS - YEAR 2035



## TRANSIT IMPROVEMENTS

***Service Improvements:*** The study process identified several service improvements, including:

- All-day fixed route service to the City's east side
- Expansion of Reserve-a-Ride service (2 options were presented)
- Downtown Trolley Circulator
- Restructured route system with more frequent service
- Potential service outside of the city and into unincorporated Pittsylvania County

**Highest Priority is Maintaining Fixed-Route, Reserve-a-Ride and Handivan Service Levels**

## **TRANSIT IMPROVEMENTS**

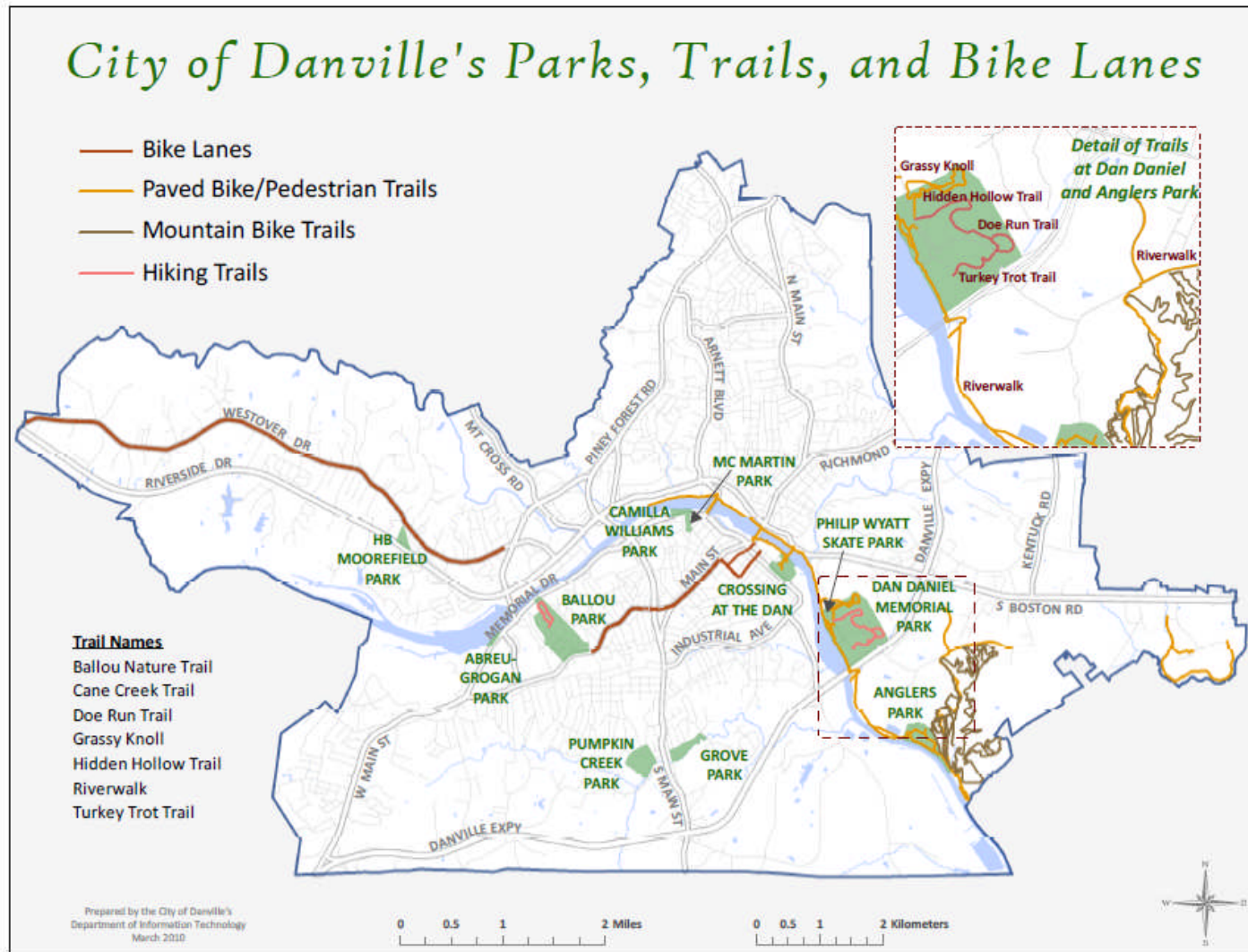
**Should additional funding become available, service improvements are prioritized as follows:**

- Further expansion of Reserve-a-Ride service, with an extra bus running in the peak periods;
- All-day fixed route service to the City's Eastside; and
- Limited evening fixed route service to key transit market destinations within the City until 9:00 p.m.
- Improvements to Maintenance Facility

### **Vision Plan**

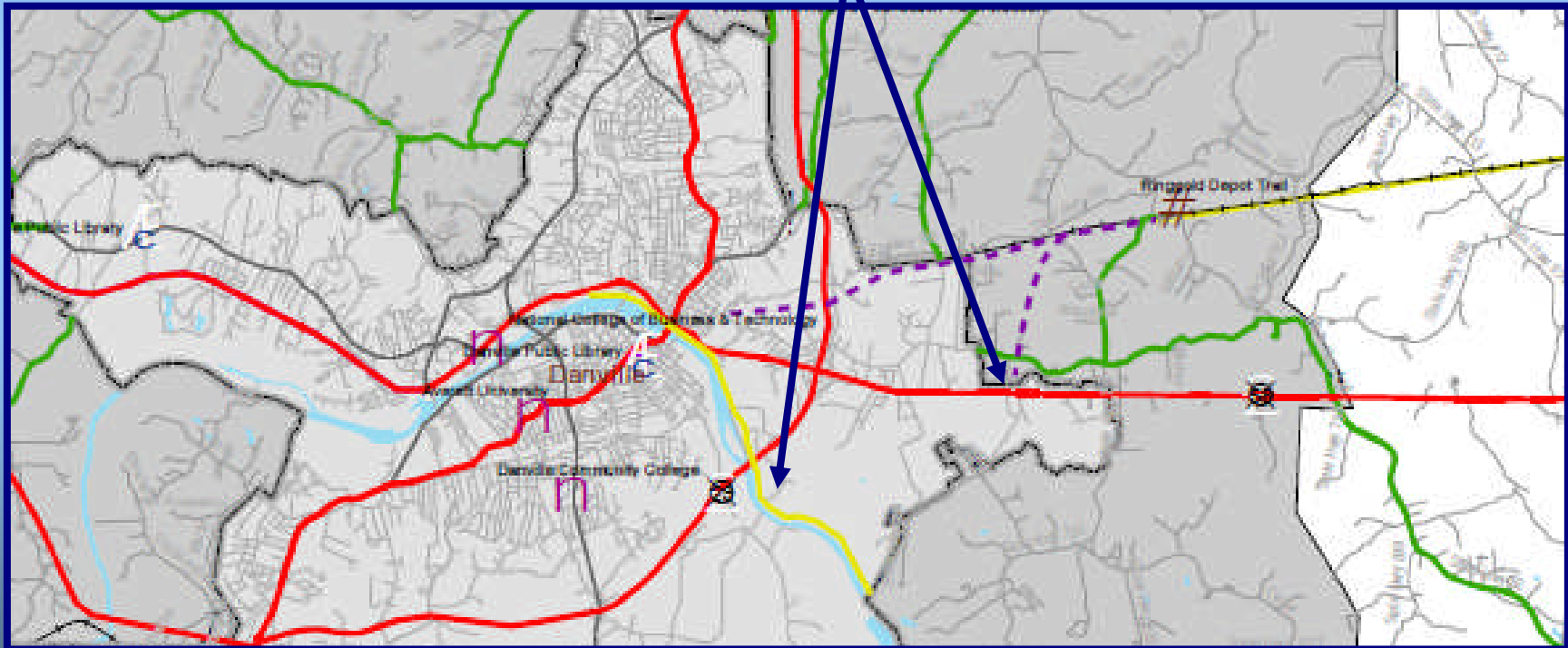
**Study extension of service into Pittsylvania County (No funds or schedule identified)**

# Bike and Trail Improvements



## Bike and Trail Improvements

# Ringgold Depot – Riverwalk Trail Connector Highest Priority Improvement



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June 22, 2010

Danville, VA

