Route 30 Master Plan





Community Workshop
October 18, 2006



Today's Agenda

- Study Overview
 - Visioning Process
 - Study Outcomes
- "Communities by Design" Exercise
 - Existing Community Elements
 - Enhanced Community Elements



Back to the Future

An interview with our grandchildren...





2005...



2045...



Who have they become?

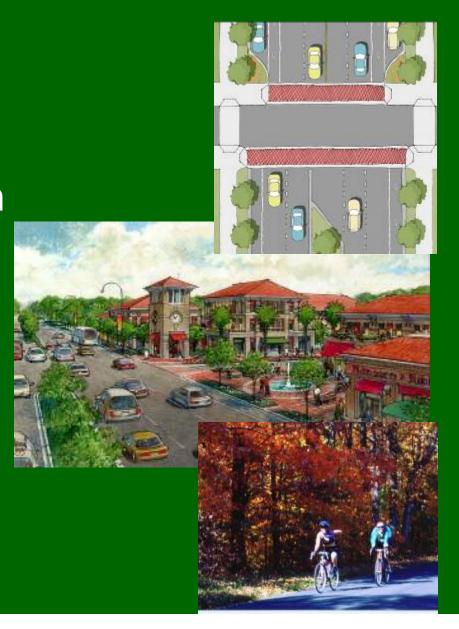
- A powerful, seasoned coalition
 - Businessleaders
 - Municipal officials
 - PennDOT
 - Community members





What have they achieved?

- The Lincoln Highway is one of the best corridors in the nation
 - Safe
 - -Efficient
 - Vibrant
 - Breathtaking





It all started back in 2005...

- The Route 30
 Master Plan
 - Visioning
 - Consensus building
 - Strategic planning



The Visioning Process: Writing Our Community's Story





Where are we now?



Where are we going?



Where do we want to be?



How will we get there?



Chapter 1: Where Are We Now?



What Shapes a Community?



Framework

Natural Landscape & Streets



Fabric

Built Environment - The "Four D's"

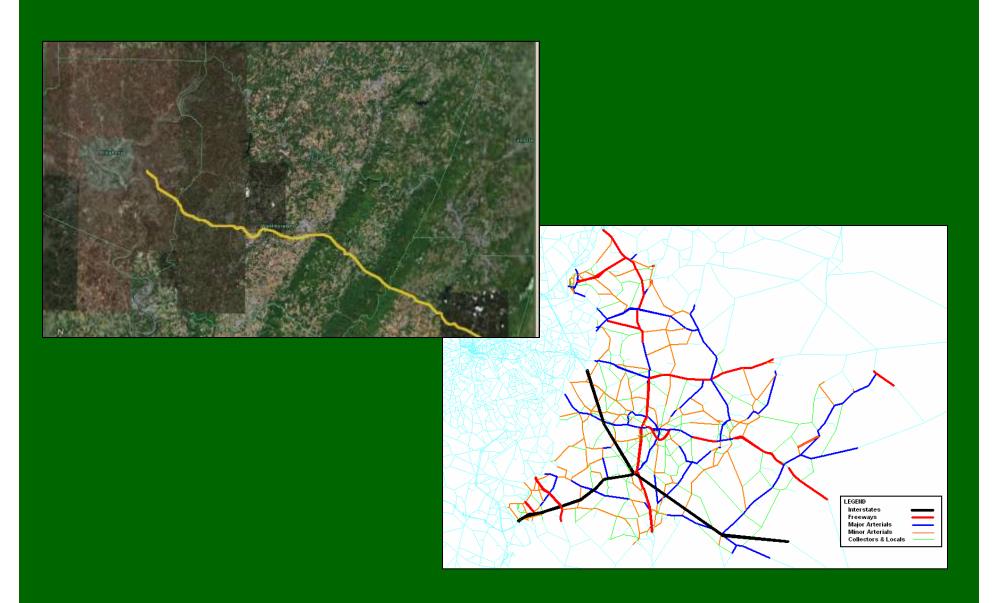


Fingerprint

Cultural Identity



Framework





Fabric: The Four "D's"



Density



Design

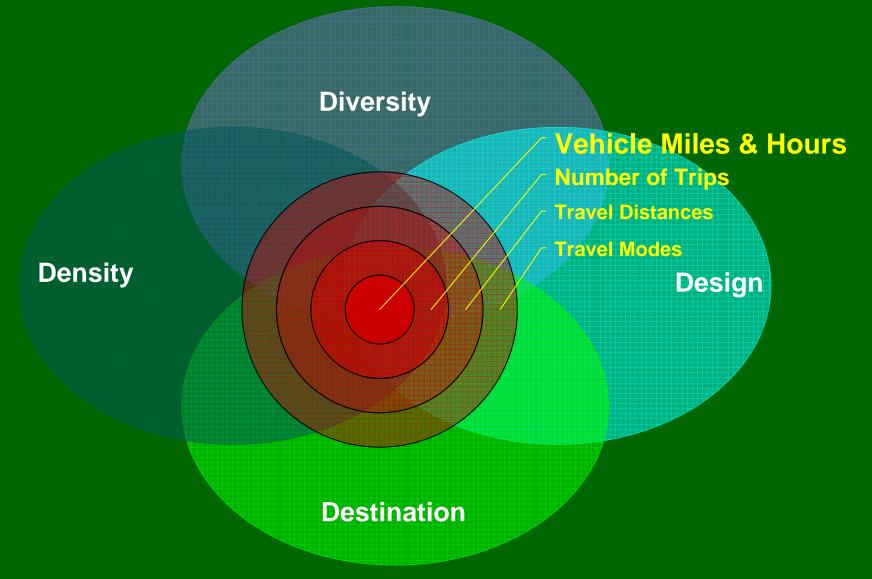


Diversity

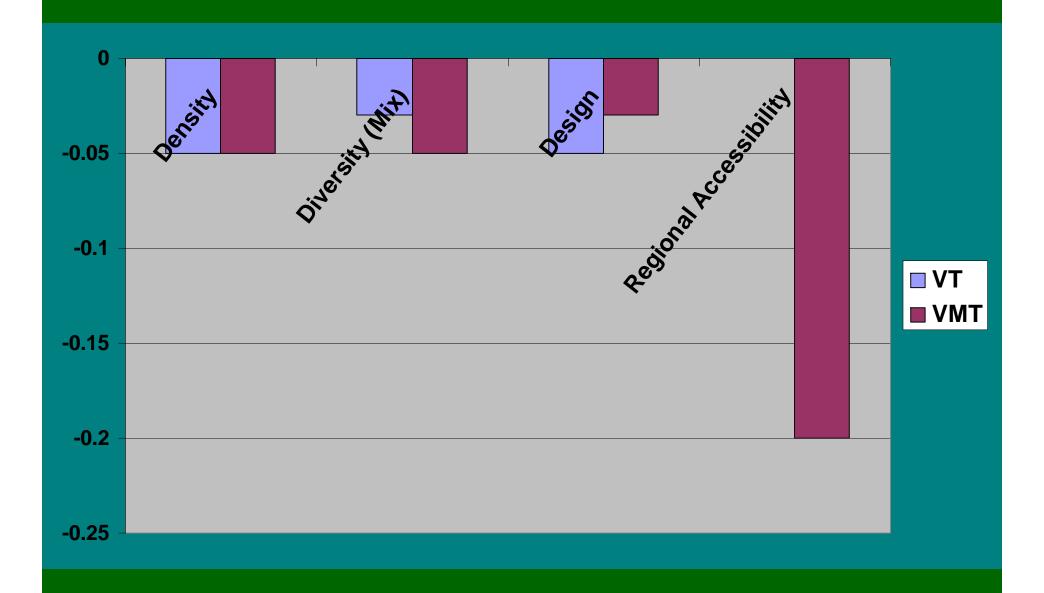


Destination







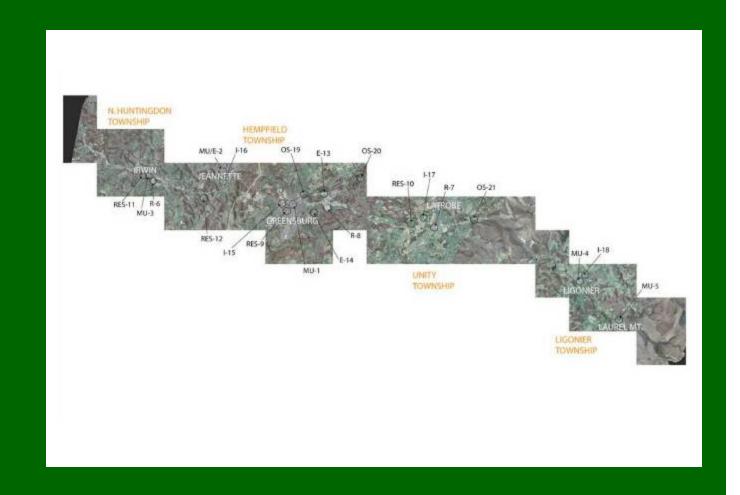


Fabric Samples: Community Elements



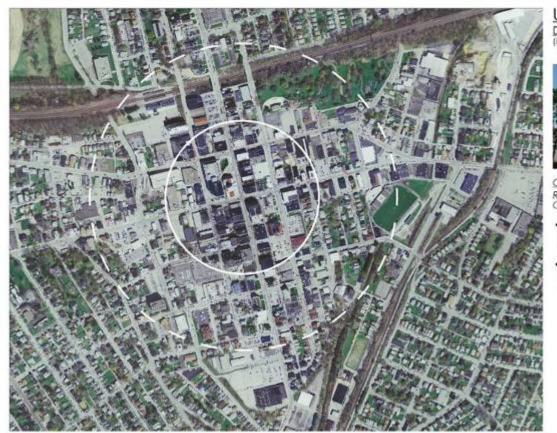








Urban Mixed Use



Urban Mixed Use



Current Land Use; Retail, Mixed-Use, Employment, Open Space, and Trails

- Gridded network of walkable streets and a variety of parks and recreational facilities
- Opportunity to enhance connectivity with the 5 Star Trail and with the Transit Center



Suburban Mixed Use



Suburban Mixed Use

Irwin (MU-3)



Current Land Use: Retail strip, Single and Multifamily Residential

- Urban-oriented suburban corridor adjacent to residential
- Potential for enhanced pedestrian connections and retall improvements
- A pedestrian trail to the Norwin Library (not shown on slide) is being proposed



Rural Mixed Use



Rural Mixed Use -Village

Ligonier Borough (MU-4)



Current Land Use: Mixed-Use, Retail, Open Space

- Village square with mixed use retail an gridded, interconnected streets
- Historical significance: Fort Ligonier/Museum
- Open Space to the South of US30 on the Loyalhanna



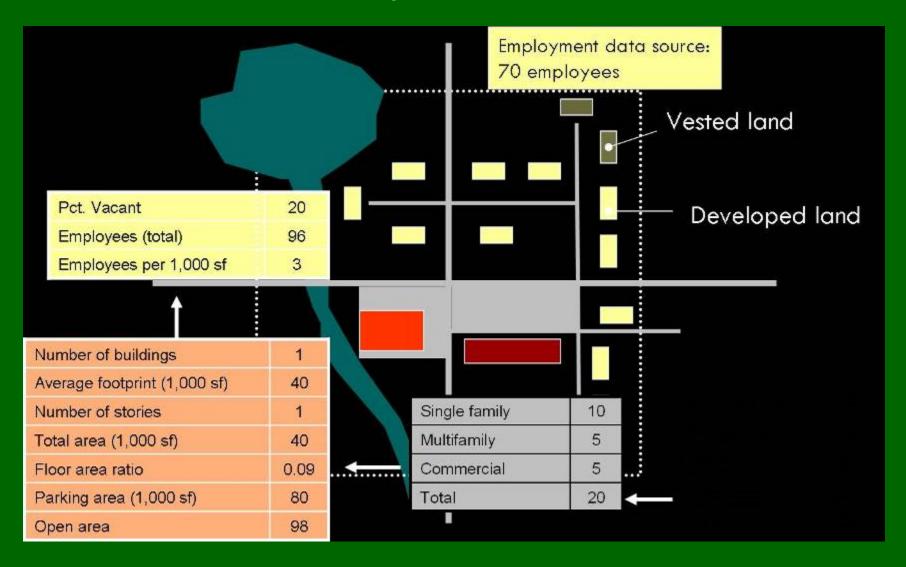
Community Element Inventory

US-30 Matrix of Community Elements

DEVELOPMENT TYPE	URBAN	SUBURBAN	MU-4: Village at Ligonier MU-5: Hamlet in Laughlintown (SEE MU ABOVE) RES-12: Hempfield Farm Subdivision		
MIXED USE	MU-1: Greensburg MU/E-2: Jeannette	MU-3: US 30 at Irwin			
RETAIL	(SEE MU ABOVE)	R-6: Hills Plaza, Irwin R-7: US 30-981 intersection R-8: Westmoreland Mall			
RESIDENTIAL	RES-9: SW Greensburg, SFH	RES-10: Wimmerton SFH and MFH RES-11: Irwin MFH			
EMPLOYMENT	(See MU/E-2 ABOVE)	E-13: suburban office park E-14: suburban offices			
INSTITUTIONAL	STITUTIONAL I-15: Westmoreland Regional Hospital I-17: St. Vincent C		I-18: Ligonier school		
OPEN SPACE OS-19: Lynch Field Park		OS-20: Twin Lakes Park	OS-21: Loyalhanna Gorge		



Community Element Data





Corridor Characteristics

- Suburban strip
- Main Street
- Scenic byway







Optimal Corridor Conceptual Plan

- Don't reinvent the wheel
 - CCIP, Long Range Plan,
 Unity Township Study
- A reasonable program to maximize capacity
- Review with community
- Adjust model network to use for scenarios
- Phase 2 Focus on problem areas

Potential Transportation Solutions

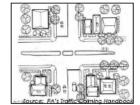
Access Managemen

- Consolidate Driveways
- Connect Adjacent Land Uses
- Parallel Service Roads
- Limit Number of New Driveways
- Provide Median



- Restrict Left Turns
- Raised Median Throughtersection





Transit, Bicycle & Pedestrian Options

- Bike Lane
- Provide / Expand Transit Service
- Traffic Signal Priority for Transit Vehicles
- Bus Pull-Off Areas
- Park-n-Ride Lots
- Pedestrian Signals
- Sidewall
- Mid-block Crosswalks



US 30 Master Plan





Fingerprint: Values & Priorites

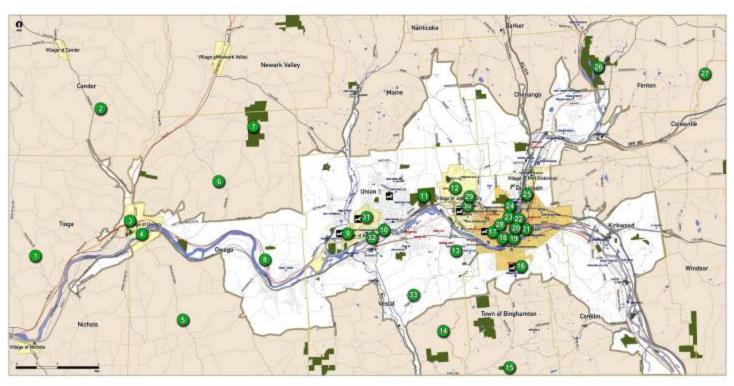
Economic Vitality	 Revive industrial centers Optimize emerging suburbs Advance tourism & recreation
Community Character	 Honor historic cities & villages Encourage locally owned businesses Support strong families
Natural Beauty	 Protect mountains & rivers Celebrate scenic views Promote traditional farms



Treasured Places

BINGHAMTON METROPOLITAN TRANSPORTATION STUDY TRANSPORTATION TOMORROW 2030

Treasured Places Map



This map compiles the Treasured Places noted by citizens at the two Community Workshops:

- 1 Halsey Valley Road
- 2 Iron Kettle Farm
- 3 Owego Scenic RR & Playhouse
- 4 Downtown Owego
- 5 Montrose Turnpike
- 6 Gaskill Road
- 7 Nature Trails / Mtn Biking
- 8 Bicycling along Rt 17
- 9 Cider Mill Playhouse
- 10 IBM Birthplace
- 11 IBM Homestead Glen Area
- 12 Oakdale Mall
- 13 Binghamton University
- 14 French Tract Nature Walk
- 15 Aquaterra Park
- 16 Zoo / Discovery Center
- 17 Binghamton Westside & Rec Park
- 18 Roberson Museum / SHA Visitor Ctr 25 Otsiningo Park
- 19 Arena
- 20 Forum
- 21 Downtown Arts Community
- 22 Binghamton Arts Walk
- 23 River Promenade / Confluence
- 24 Ely Park
- 26 CV State Park
- 27 Tunnel Road
- 28 Antique Row

- 29 Main Street, Johnson City
- 30 Goodwill Theatre / Factories
- 31 Little Italy
- 32 Washington Ave / EPAC
- 33 Kopernik Observatory
- Carousels



Chapter 2: Where Are We Going?

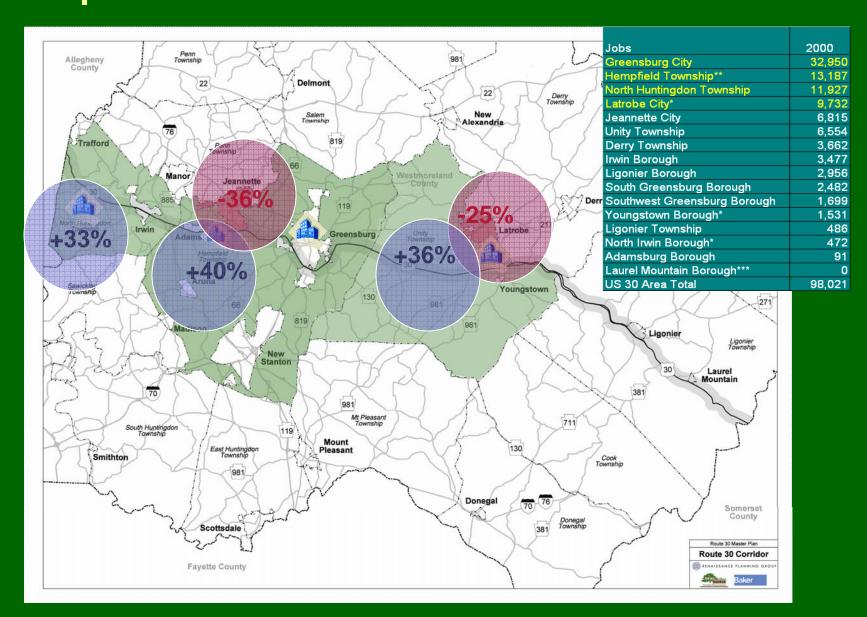


Population 1960-2000

Population 1960-2000							
				Numeric	Percent		
	1960	1980	2000	Change	Change		
Hempfield Township**	29,704	43,371	41,555	11,851	40%		
North Huntingdon Township	21,853	31,517	29,123	7,270	33%		
Unity Township	15,519	19,964	21,137	5,618	36%		
Ligonier Township	5,566	7,513	6,973	1,407	25%		
Irwin Borough	4,270	4,995	4,366	96	2%		
Adamsburg Borough	191	251	221	30	16%		
Laurel Mountain Borough***	-	-	185	-			
Youngstown Borough*	590	482	400	(190)	-32%		
North Irwin Borough*	1,143	1,016	879	(264)	-23%		
Ligonier Borough	2,276	1,917	1,695	(581)	-26%		
Derry Township	15,445	16,141	14,726	(719)	-5%		
South Greensburg Borough	3,058	2,605	2,280	(778)	-25%		
Southwest Greensburg Borough	3,264	2,898	2,398	(866)	-27%		
Greensburg City	17,383	17,558	15,889	(1,494)	-9%		
Latrobe City*	11,932	10,799	8,994	(2,938)	-25%		
Jeannette City	16,565	13,120	10,654	(5,911)	-36%		
US 30 Area Total	148,759	174,147	161,475	12,716	9%		

Population & Jobs 1960-2000

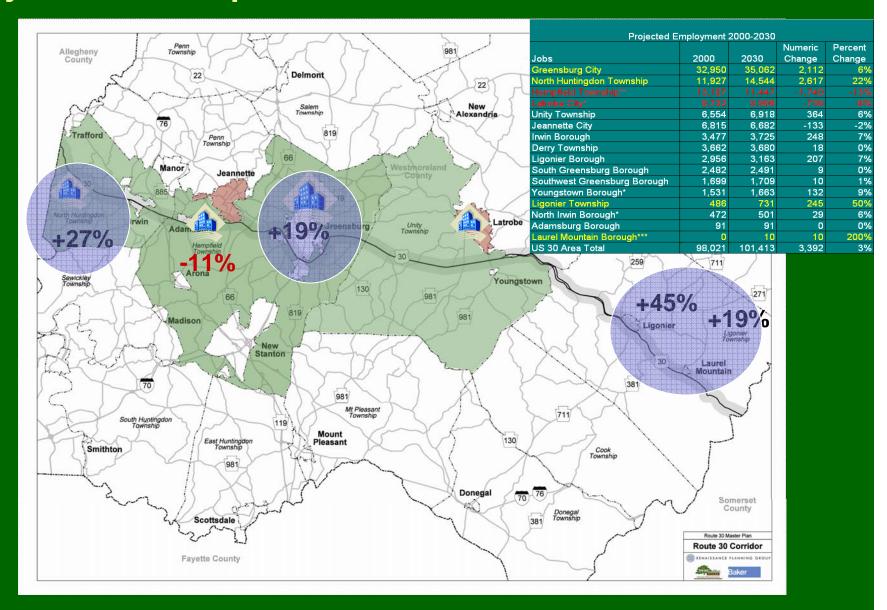




Projected Population 2000-203

Projected Population 2000-2030						
			Numeric	Percent		
	2000	2030	Change	Change		
North Huntingdon Township	29,123	36,915	7,792	27%		
Greensburg City	15,889	18,964	3,075	19%		
Unity Township	21,137	23,547	2,410	11%		
Derry Township	14,726	17,060	2,334	16%		
Ligonier Township	6,973	8,734	1,761	25%		
Ligonier Borough	1,695	2,451	756	45%		
Latrobe City*	8,994	9,357	363	4%		
South Greensburg Borough	2,280	2,572	292	13%		
Southwest Greensburg Borough	2,398	2,497	99	4%		
Youngstown Borough*	400	479	79	20%		
Laurel Mountain Borough***	185	156	-29	-16%		
North Irwin Borough*	879	837	-42	-5%		
Adamsburg Borough	221	171	-50	-23%		
Irwin Borough	4,366	4,101	-265	-6%		
Jeannette City	10,654	10,191	-463	-4%		
Hempfield Township**	41,555	36,893	-4,662	-11%		
US 30 Area Total	161,475	174,925	13,450	8%		

Projected Population & Jobs 2000-2030



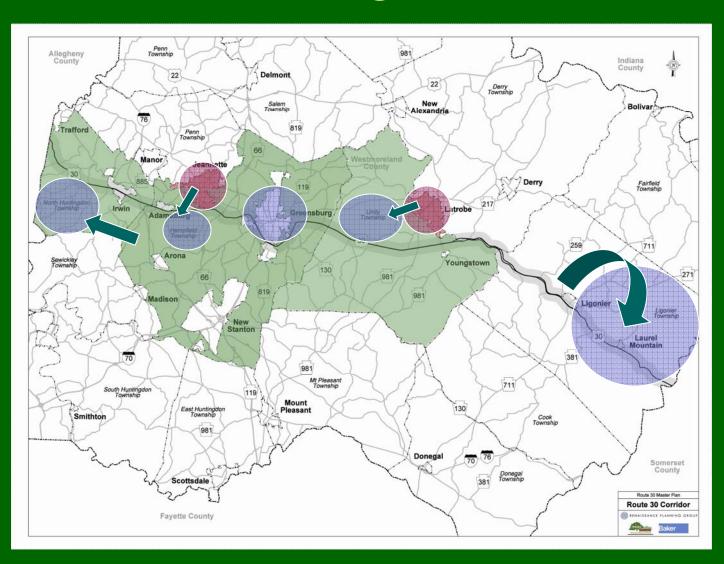


Trends Over Time

Population Change 1960-2030								
					Numeric	Percent		
	1960	1980	2000	2030	Change	Change		
North Huntingdon Township	21,853	31,517	29,123	36,915	15,062	69%		
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Greensburg City	17,383	17,558	15,889	18,964	1,581	9%		
Derry Township	15,445	16,141	14,726	17,060	1,615	10%		
Jeannette City	16,565	13,120	10,654	10,191	-6,374	-38%		
Latrobe City*	11,932	10,799	8,994	9,357	-2,575	-22%		
Ligonier Township	5,566	7,513	6,973	8,734	3,168	57%		
Irwin Borough	4,270	4,995	4,366	4,101	-169	-4%		
South Greensburg Borough	3,058	2,605	2,280	2,572	-486	-16%		
Southwest Greensburg Borough	3,264	2,898	2,398	2,497	-767	-23%		
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Youngstown Borough*	590	482	400	479	-111	-19%		
Adamsburg Borough	191	251	221	171	-20	-10%		
Laurel Mountain Borough***	-	-	185	156	156	84%		
US 30 Area Total	148,759	174,147	161,475	174,925	26,166	18%		



The Big Picture





Chapter 3: Where Do We Want to Be?



Envisioning New Possibilities

- Design Alternatives Enhanced Community Elements
- Development Patterns Dot Map Game
- Preferred Scenario



Building Upon Previous Ideas

Development Principles for Unity Township

A Vision for Development Using Smart Growth Principles





Development Principles for Ligonier Township

A Vision for Development Using Smart Growth Principles







Smart Growth Visnalization Project

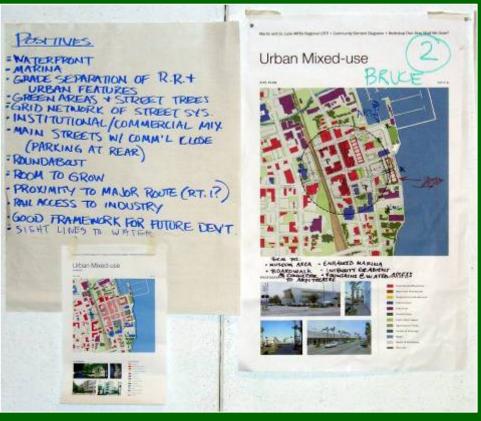




Enhancing Community Elements









Downtown Existing

Downtown Binghamton









Downtown Enhanced



Downtown Binghamton

- Add uses / activities
- Infill buildings
- Establish block structure
- Redevelop surface parking lots
- Public space and esplanade along the waterfront



Village Existing

Endicott









Village Enhanced

Endicott



- Add uses/activities
- Create connection through industrial complex, joining neighborhoods to north and south
- Connect to river
- Redevelop surface parking lots to form a Main Street
- Public green anchors the new street



Shopping Center



Office Park



Research/Tech Park















Series A Rural Hamlet





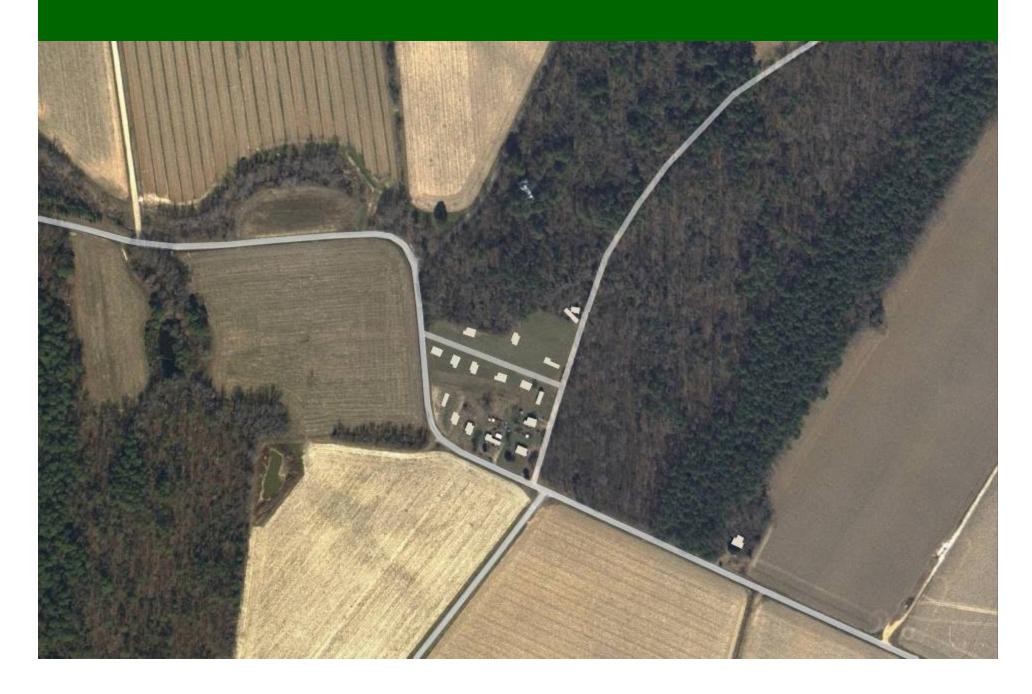














Rural Hamlet - Series A

Series A Town Infill





















Town Infill Series A











Rural Hamlet - Series B



Dot Map Game









Scenarios



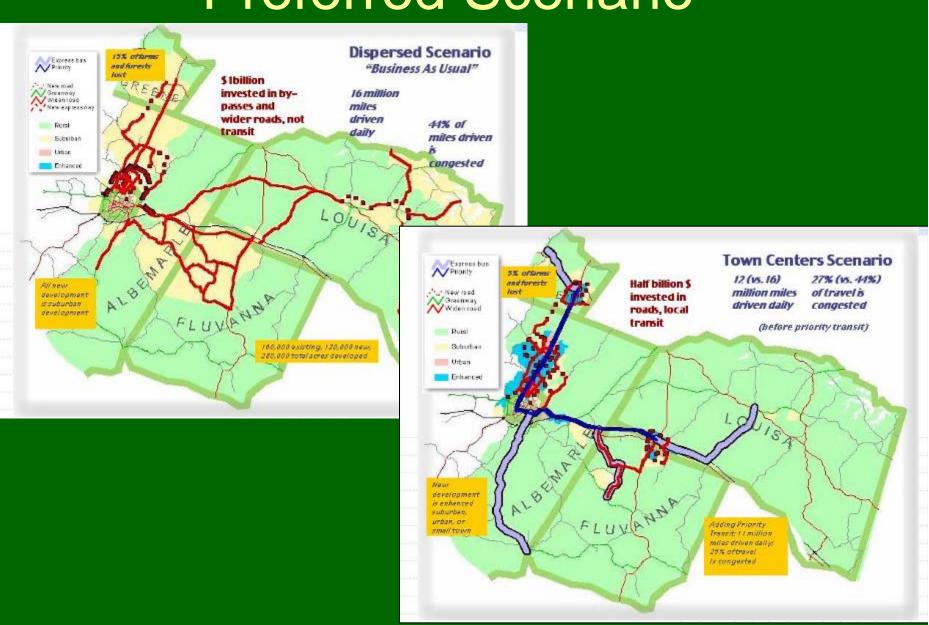




Measures	Trend	Contained	Western Parkway
% Population w/in 1/4 mile of transit corridor	11%	38%	42%
% Employment w/in 1/4 mile of transit corridor		57%	69%
% Increase of urban footprint		141%	133%
% Population living in walkable communities		12%	18%
% Employment located in walkable communities		61%	62%
Acres of environmentally sensitive lands undeveloped		290K	297K
% of total trips made by mode auto walking transit	98% 1% 1%	87% 5% 8%	88% 5% 7%
Number of urban centers where cultural, educational and research facilities can locate	4	5	8
% of jobs located in areas with complement of amenities	2%	67%	65%
Jobs to housing ratio	1.79	1.78	1.77



Preferred Scenario

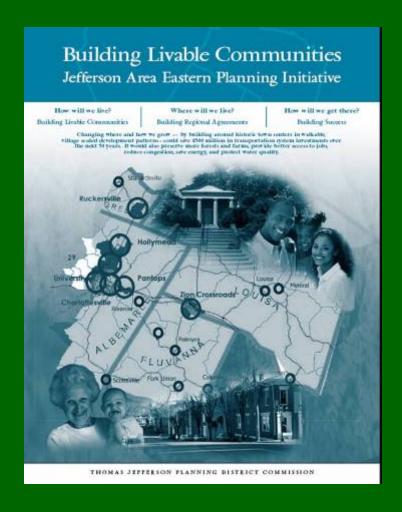




Chapter 4: How Will We Get There?



Vision Plan

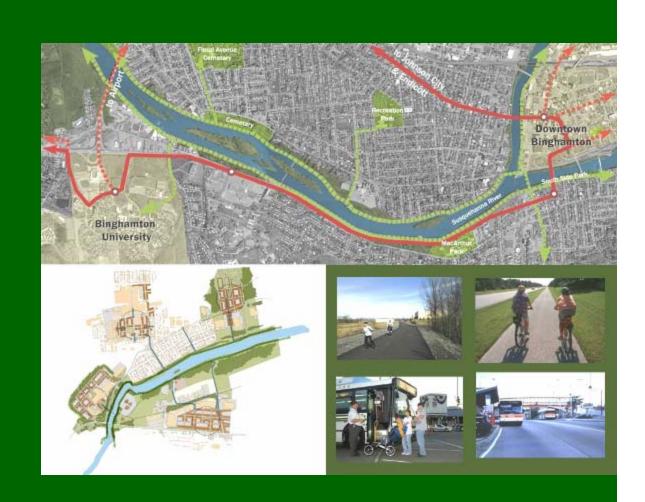


- Preserve our rural landscape
- Revitalize our towns and cities
- Reclaim our suburbs



Growth Policies/ Goals

- Targeted economic development
- Design guidelines/incentives
- Rural preservation strategies
- Corridor overlay plan



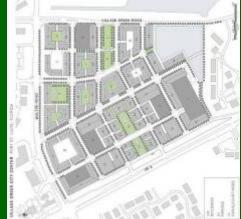


Transportation Priorities

- Safe intersections
- Walkable communities
- Connected streets
- Access management
- Contextsensitive design



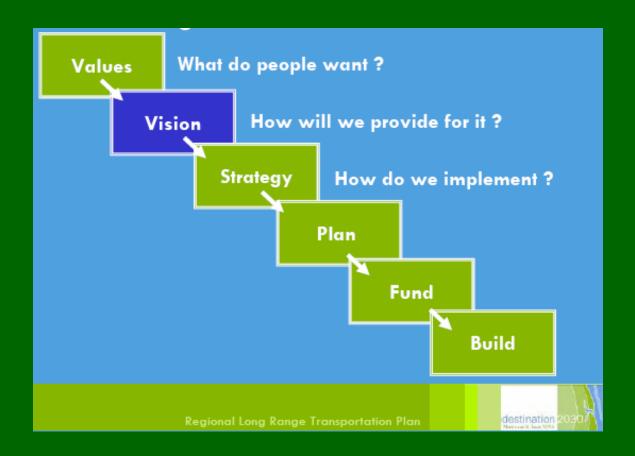






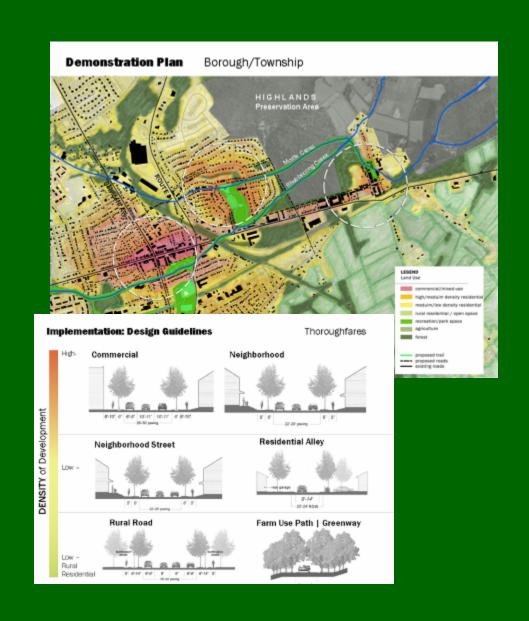
Strategic Plan

- Momentum
- Influence
- Funding



Realizing The Vision: Phase 2

- DemonstrationPlans
- DesignGuidelines
- Implementation Toolkit



Communities By Design

- Community Element Inventory
- BreakoutDiscussions/ Map Mark-up
- Group Reports

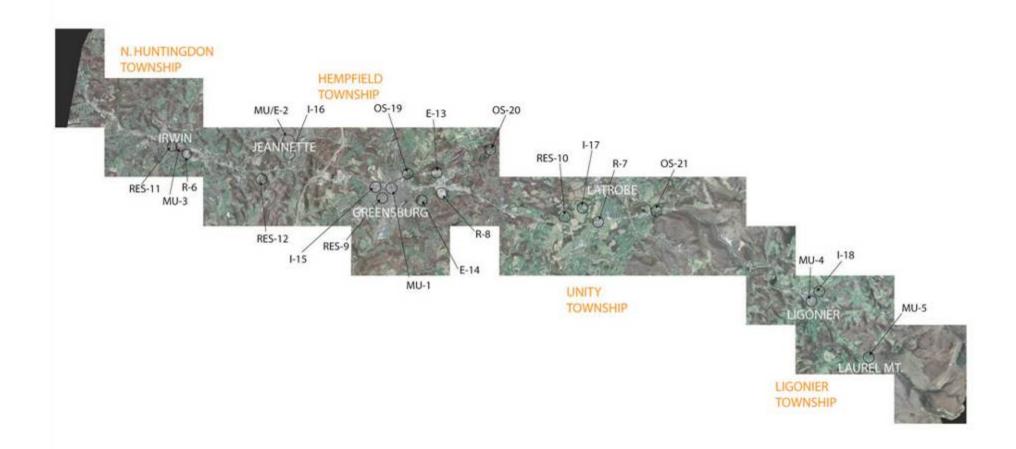




US-30 Matrix of Community Elements

DEVELOPMENT TYPE	URBAN	SUBURBAN	RURAL	
MIXED USE	MU-1: Greensburg MU/E-2: Jeannette	MU-3: US 30 at Irwin	MU-4: Village at Ligonier MU-5: Hamlet in Laughlintown	
RETAIL	(SEE MU ABOVE)	R-6: Hills Plaza, Irwin R-7: US 30-981 intersection R-8: Westmoreland Mall	(SEE MU ABOVE)	
RESIDENTIAL	RES-9: SW Greensburg, SFH	RES-10: Wimmerton SFH and MFH RES-11: Irwin MFH	RES-12: Hempfield Farm Subdivision	
EMPLOYMENT	(See MU/E-2 ABOVE)	E-13: suburban office park E-14: suburban offices		
INSTITUTIONAL	I-15: Westmoreland Regional Hospital I-16: Jeannette school	I-17: St. Vincent College	I-18: Ligonier school	
OPEN SPACE	OS-19: Lynch Field Park	OS-20: Twin Lakes Park	OS-21: Loyalhanna Gorge	









Urban Mixed Use Downtown Greensburg (MU-1)



- Current Land Use: Retail, Mixed-Use, Employment, Open Space, and Trails
- Walkable downtown with interconnected streets and sidewalks
- Opportunity to enhance connectivity with the 5 Star Trail and with the Transit Center





<u>Urban Mixed-Use/</u> <u>Employment</u>

Jeannette (MU/E-2)



- Current Land Use: Mixed-Use, Residential, Brownfields
- Industrial town main street and residential
- Low volume of daytime activity to support shops along Clay Street
- Interest in redeveloping brownfields





Suburban Mixed Use Irwin (MU-3)



- Current Land Use: Retail strip, Single and Multi-family Residential
- Auto-oriented suburban retail corridor adjacent to residential
- Potential for enhanced pedestrian connections and retail improvements
- A pedestrian trail to the Norwin Library (not shown in slide) is being proposed





Rural Mixed Use -Village Ligonier Borough



- Current Land Use: Mixed-Use, Retail, Open Space
- Village square with mixed use retail and gridded residential streets
- Historical significance: Fort Ligonier/Museum
- Open space to the South of US 30 on the Loyalhanna



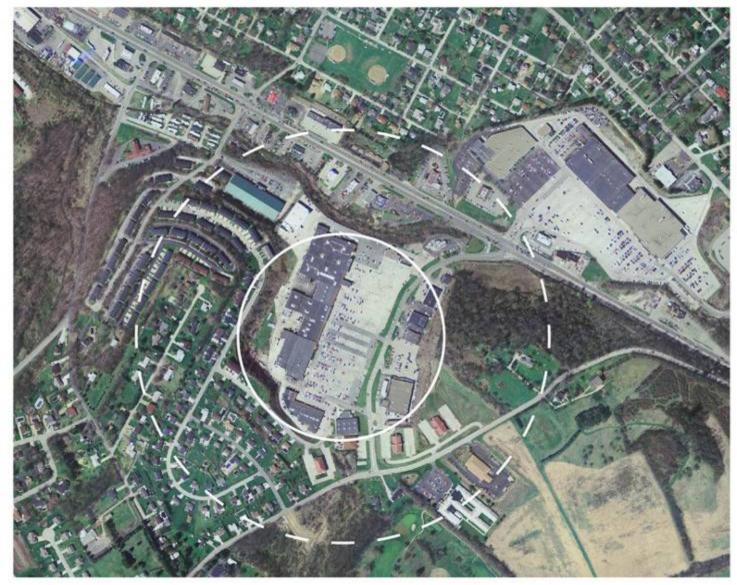


Rural Mixed Use -Hamlet Laughlintown (MU-5)



- Current Land Use: Retail, Residential, Open Space
- Rural hamlet developed around the Rolling Rock Country Club
- Town landmarks are the former Rolling Rock Brewery, the Compass Inn Museum and the Rolling Rock Country Club.





Suburban Retail Norwin Hills Plaza, Irwin (R-6)



- Current Land Use: Retail, Residential
- Auto-oriented 1960's retail center
- Opportunity for enhanced landscaping, greater walkability and connectivity to with surrounding residential
- New Wal-Mart locating to the lower SE of slide





Suburban Retail Intersection of 30 and 981 (R-7)



- Current Land Use: Retail
- Auto-oriented strip retail development
- Disconnected, adjacent parking lots
- Desire to preserve views to the NW of the Archabbey Basilica
- Site of PennDOT 981/Rte 30 Intersection Upgrade Project





Suburban Retail Westmoreland Mall (R-8)



- Current Land Use: Retail
- Large scale autooriented retail center
- Poor example of traffic handling: overpass built in close proximity to the at-grade intersection
- Need for safer pedestrian connections: desire paths indicate current pedestrian activity





<u>Urban Residential</u> <u>SW Greensburg</u> (Res-9)



- Current Land Use: Residential, small-scale Retail
- Urban neighborhood with a tight grid of interconnected streets and sidewalks
- Opportunity for enhanced connections with the 5 Star Trail
- Noise issues in neighborhoods close to US-30





Suburban Residential

Wimmerton (Res-10)



- Current Land Use: Residential, Recreation, Open Space
- Single and multi-family residential neighborhood with typical suburban winding roads and culde-sacs
- Surrounded by open space and served by a single outlet to US 30
- Walking trails to St. Vincent College





Suburban Residential

Irwin (Res-11)



- Current Land Use: Residential, Retail
- Terraced multi-family residential housing
- Issues with pedestrian connectivity due to topography
- Irwin "I" triangle could be enhanced with more vertical landscape elements





Rural Residential
Hempfield Township
(Res-12)



- Current Land Use: Rural Residential, Open Space
- Rural housing accessed along a single roadway from US 30
- Proposal for extending sewer to area could lead to increased development pressure
- Issue on how to develop the area and/or preserve views and open space





Suburban
Employment

NE of Westmoreland Mall (E-13)



- Current Land Use: Employment, Residential
- Typical distribution center employment with a mix of offices and manufacturing
- Opportunity to enhance the area with transit connections





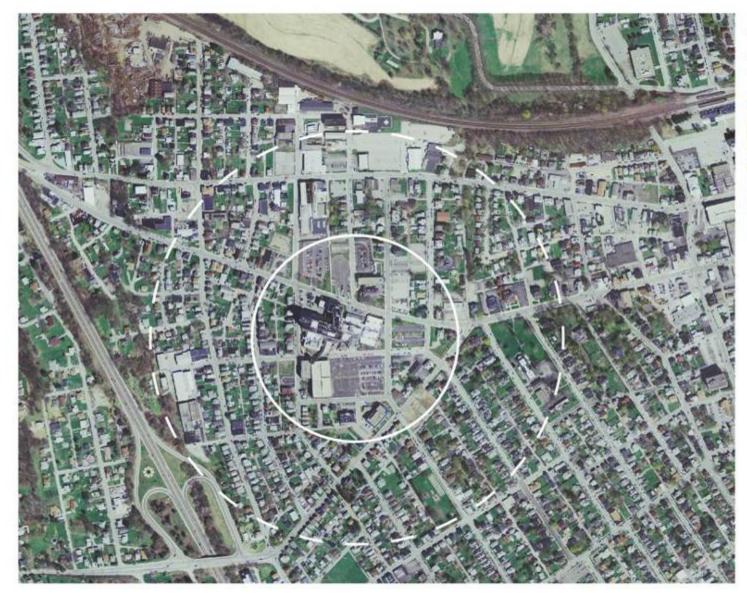
Suburban Employment

W. of Westmoreland Mall (E-14)



- Current Land Use: Employment, Residential
- Individual businesses with individual driveway access and disconnected parking lots
- Opportunity for redeveloping features of this site to improve circulation and access to and between businesses





<u>Urban Institutional</u>

Westmoreland Regional Hospital (I-15)



- Current Land Use: Institutional, Residential, Retail
- One of several regional consolidated hospitals that joined into the Excela Health System
- Hospital is wellintegrated with surrounding neighborhoods and street network
- Opportunity to provide improved transit access





<u>Urban</u> <u>Institutional</u>

Jeannette (I-16)



- Current Land Use: Institutional, Residential, Mixed-Use Retail
- Example of school wellintegrated into the urban fabric





Suburban Institutional St. Vincent College



- Current Land Use: Institutional, Recreation, Open Space
- Campus with walking trails, peripheral parking, and a training camp location for the Pittsburgh Steelers
- Passive wetlands for acid mine run-off treatment and environmental education



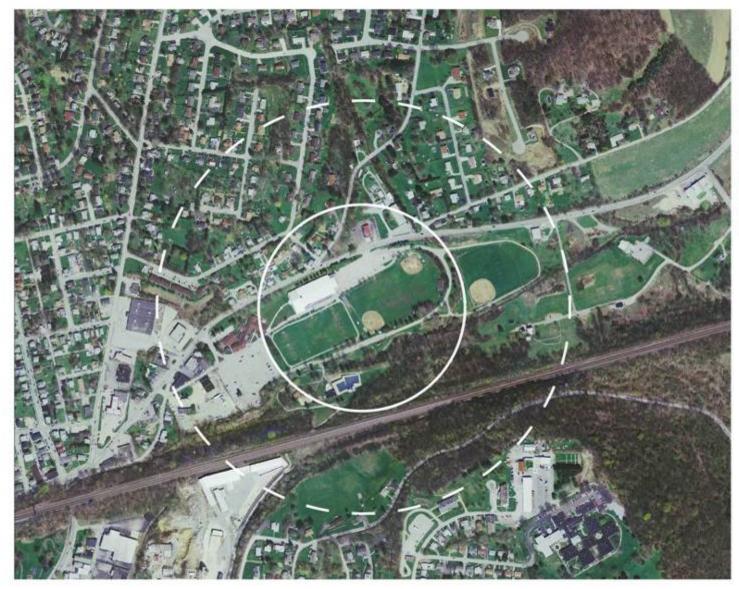


Rural Institutional Ligonier (I-18)



- Current Land Use: Institutional, Recreation, Open Space, Residential
- Rural institution with opportunity to enhance connection with Mill Run
- Easily accessible by foot





Urban Open Space Lynch Field (OS-19)



- Current Land Use: Recreation, Open Space, Residential
- Multi-use urban park with indoor and outdoor recreational facilities
- Trailhead to the 5 Star Trail
- Rte 119 acts as a barrier to pedestrian access to the park





Suburban
Open Space
Twin Lakes
(OS-20)



- Current Land Use: Recreation, Open Space
- Family park with stone paved trails and scenic beauty
- Site of the annual Westmoreland Arts and Heritage Festival





Rural
Open Space
Loyalhanna Gorge Greenway
(OS-21)



- Current Land Use: Open Space, Retail
- Scenic greenway along US 30
- Passive recreation
- The Hollow Tavern



Discussion/ Map Mark-up

As this type of place grows --

•What would you preserve?

Density

Design

•What would you change?

Destination

Diversity

