

# 2013-2033 WATS Long Range Transportation Plan Summary Presentation

Mark Murawski, Lycoming County Transportation Planner



*MOVING IN THE RIGHT DIRECTION*

# INTRODUCTION

- Lycoming County is largest county in PA geographically with over 1,246 square miles which is also larger than Rhode Island
- Served by excellent multi-modal transportation network consisting of highways, bridges, public transit, airport, railroads and bicycle / pedestrian facilities. There are no ports.
- This Transportation Plan provides a blueprint to move Lycoming County's transportation system forward for the next 20 years.
- The Transportation Plan is updated at least every 5 years as the County is an air quality attainment area.

# Williamsport Area Transportation Study Committee Overview



- **WATS Technical Committee (7 voting members)**

Reps. From PennDOT, County, Transit, Airport, City of Williamsport

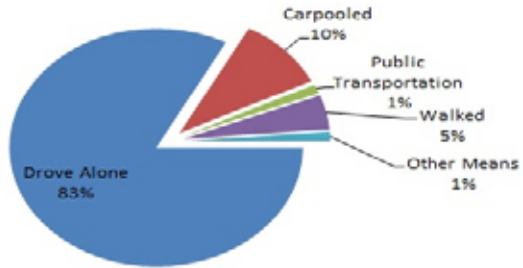
- **WATS Coordinating Committee (11 voting members)**

Reps. from PennDOT, County Commissioners, City Mayor/Council, Transit, SEDA-COG Joint Rail Authority, Williamsport Airport Authority, Twps. And Boros Associations)

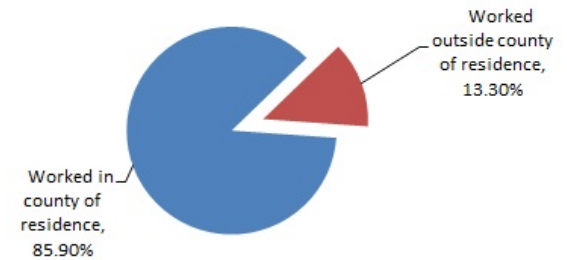
- Primary Responsibility to Fullfill MPO functions such as development of Long Range Plan, Transportation Improvement Program, (TIP) and special studies
- Each Committee convenes quarterly public meetings
- Lycoming County PCD serves as primary MPO staff support via Unified Planning Work Program contract between PennDOT, County and City (transit tasks)

# Journey to Work

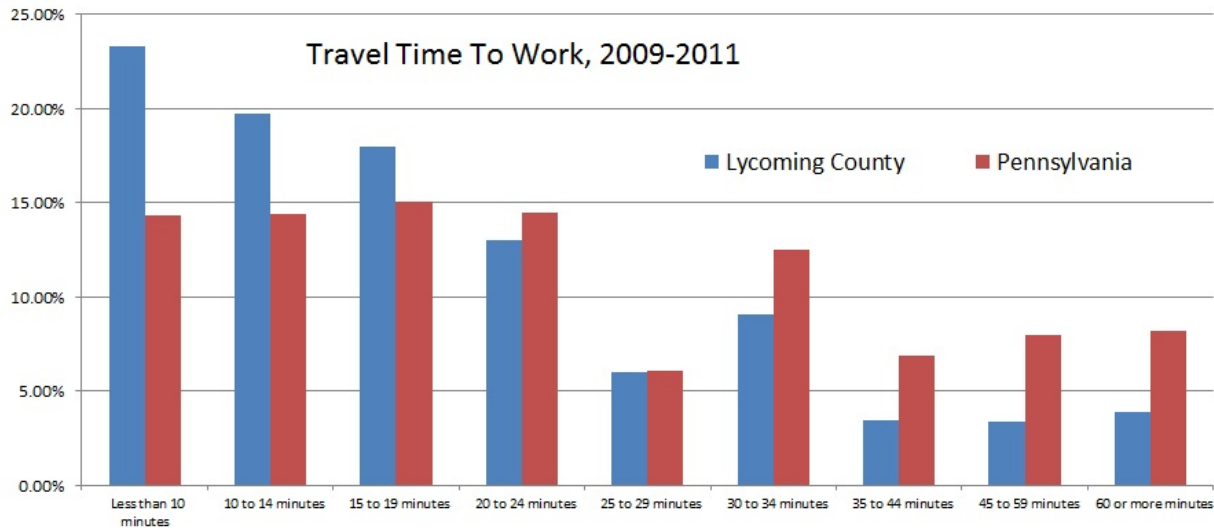
**Transportation by Mode Choice - Lycoming County**



**Journey to Work 2009-2011 Lycoming County**



**Travel Time To Work, 2009-2011**

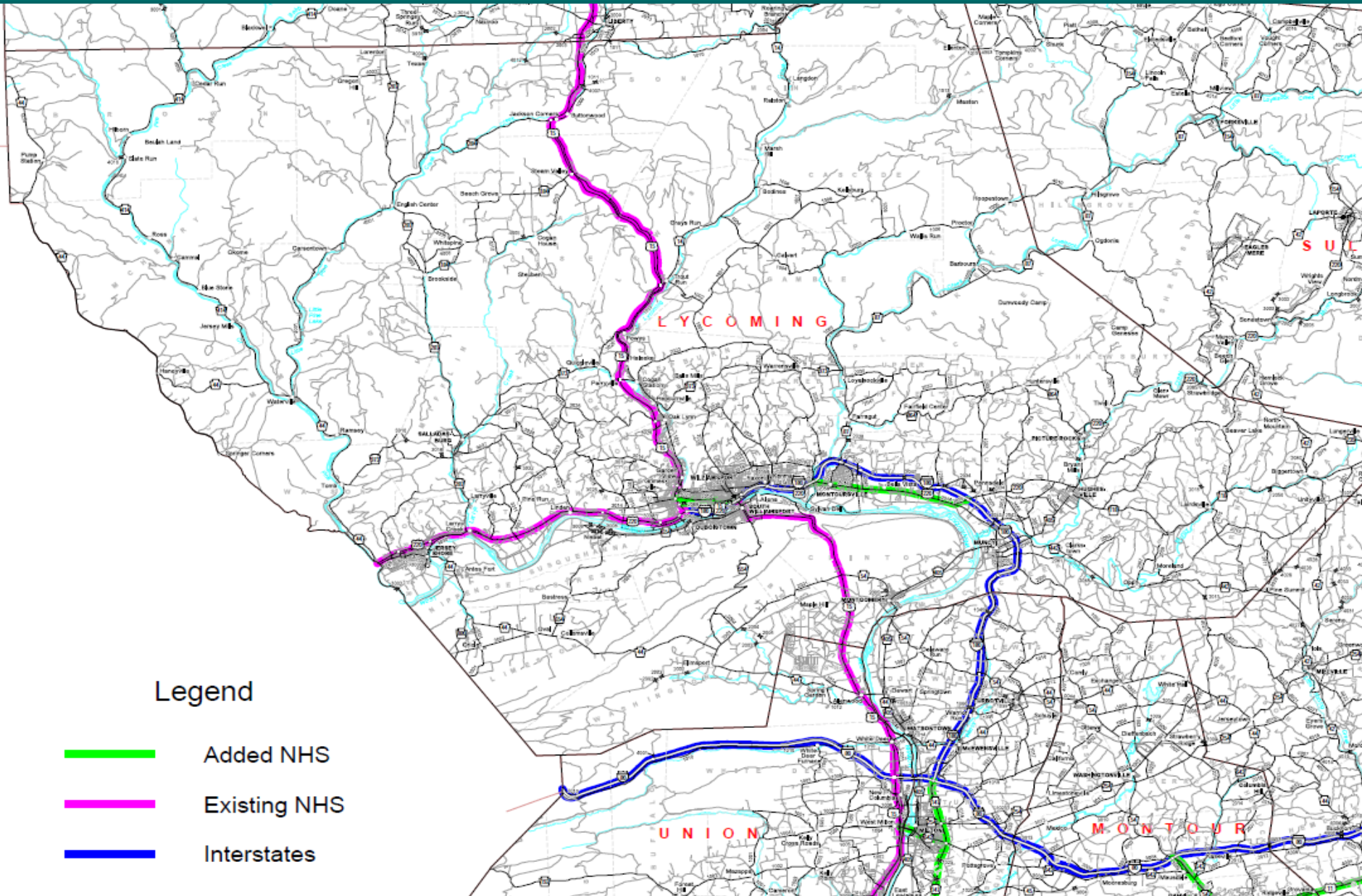


# HIGHWAY SYSTEM

- Nearly 2,000 miles of publicly-owned roads in county.
  - PennDOT owns 35% of road mileage
  - Local municipalities own remaining 65% of road mileage
  - Nearly 500 miles of roads (25%) are on the Federal Aid system
  - Federal aid system carries 85% of traffic flows

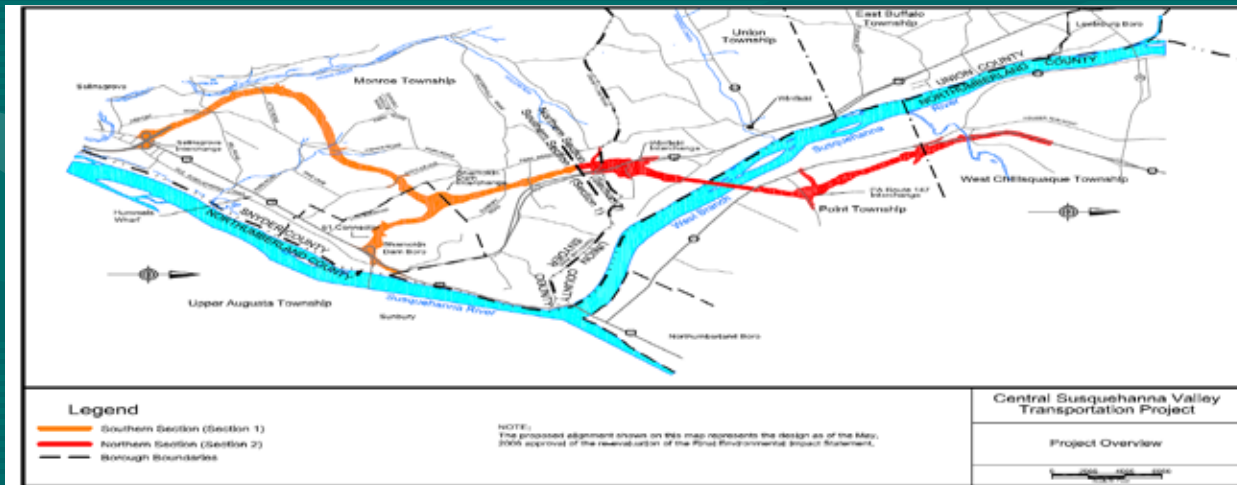
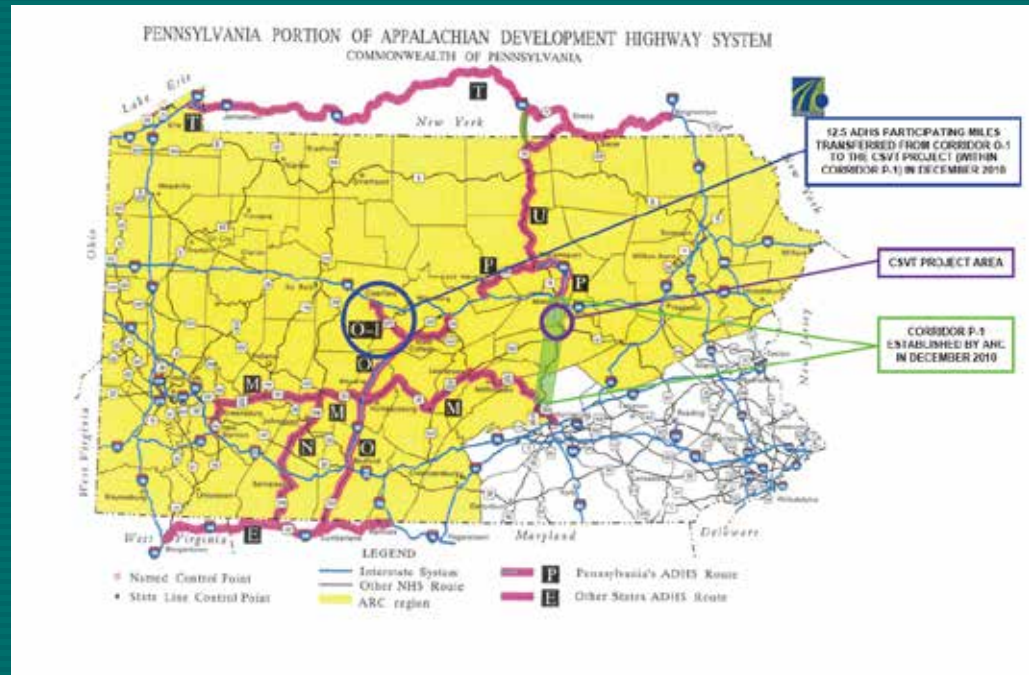


# Enhanced National Highway System

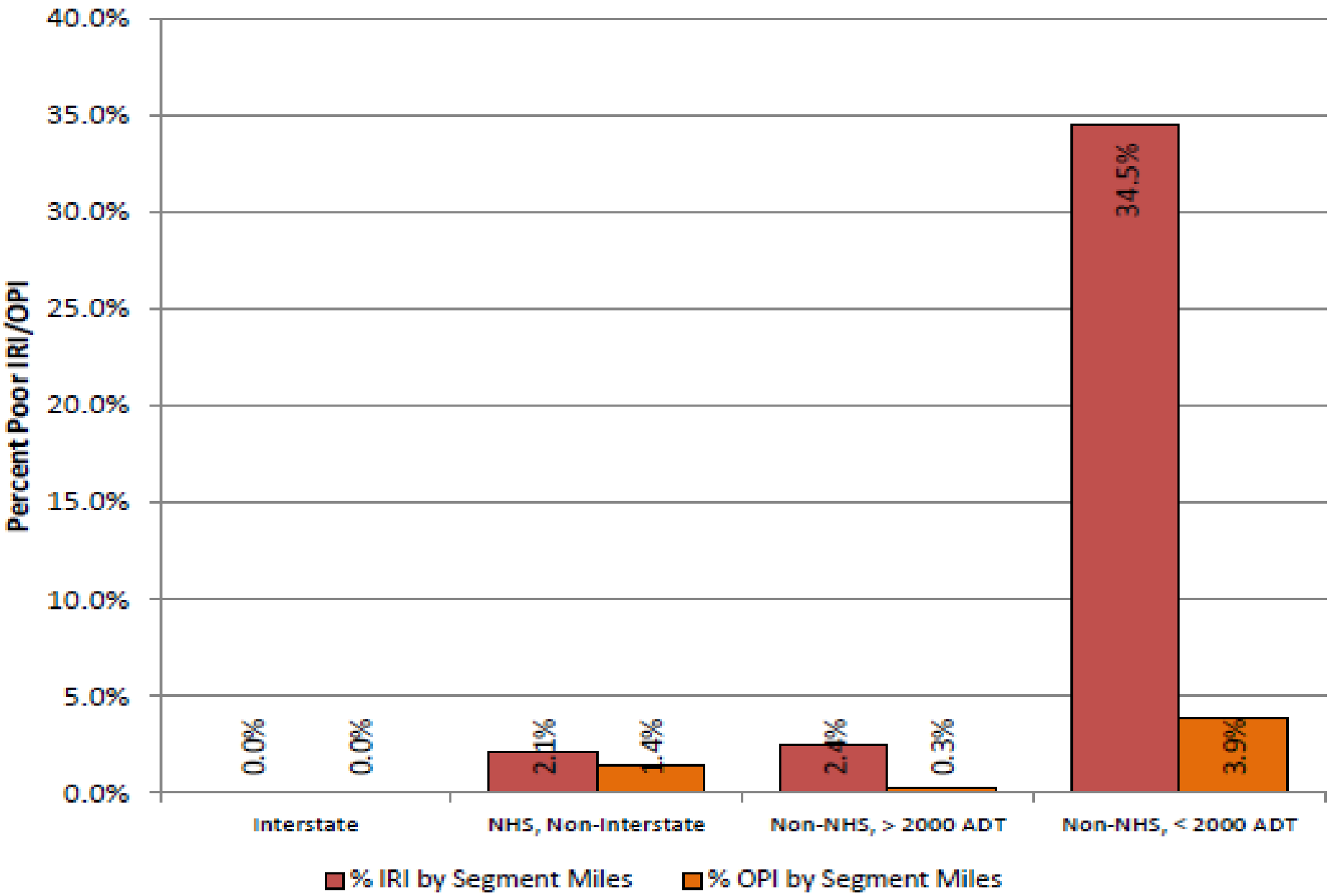


# Support Completion of Regional NHIS Future I-99 / CSVT

Dedication of the US 220/Future I-99 corridor in Lycoming County

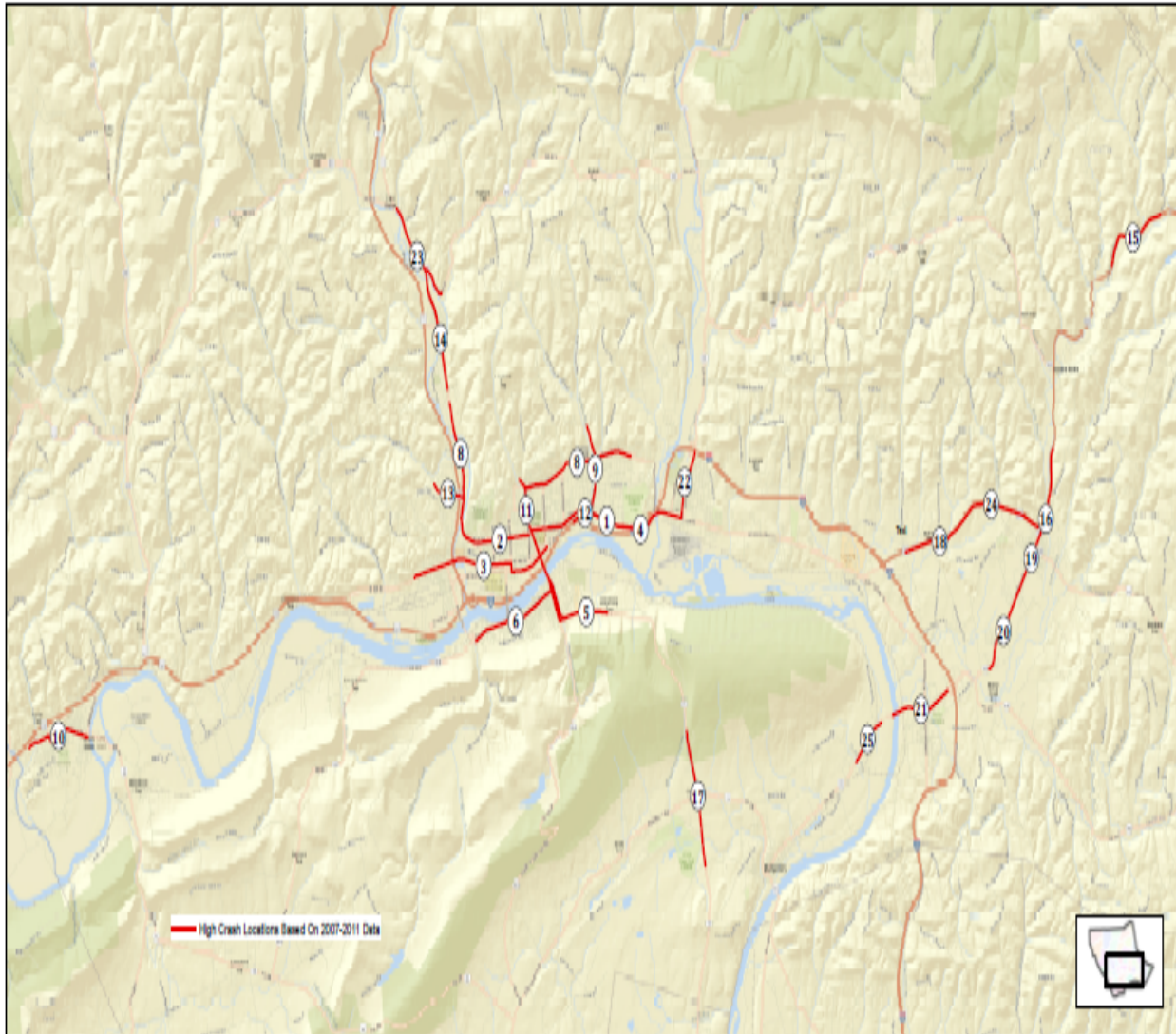


# Percent of Segment Miles with a Poor IRI and Poor OPI by Business Plan Network





# 2007-2011 Top 25 High Crash Locations



Rank	Road Name(s)	Length (Miles)	Injuries	Fatalities
1	Third St	1.70	72	0
2	Washington Blvd/High St	0.47	140	1
3	Third St/Fourth St/Campbell St	0.41	133	0
4	Third St/Broad St	0.36	92	0
5	Market St/U.S. 15	0.32	46	3
6	Southern Ave/Riverside Dr	0.24	43	1
7	Lycoming Creek Rd	0.29	43	0
8	Grampian Blvd/Four Mile Dr	0.32	42	0
9	Northway Rd	0.21	41	0
10	Allegheny St/Railroad St	1.84	32	1
11	Market St	0.19	30	0
12	Shiffler Ave	0.14	24	0
13	Mill Ln	0.90	23	0
14	Lycoming Creek Rd	0.36	23	1
15	Rt 220 Hwy	1.80	22	1
16	Main St/Rt 220 Hwy	0.22	22	1
17	Montgomery Pike/U.S. 15	0.21	21	1
18	Rt 220 Hwy	0.20	18	0
19	Main St	1.20	17	0
20	Rt 405 Hwy	1.52	16	1
21	Water St/Rt 405 Hwy	1.71	16	0
22	Loyalsock Ave	1.14	14	0
23	Lycoming Creek Rd	0.19	13	0
24	Rt 220 Hwy	1.22	12	2
25	Rt 405 Hwy	0.96	12	1
<b>TOTAL:</b>		<b>18.12</b>	<b>967</b>	<b>14</b>

# US 15 Safety Project





# Access Management Study



Study Area Map

# Bridges



# Bridge Inventory / Inspection

- 723 State and locally owned bridges (8 feet long or greater)
- 516 bridges (71%) PennDOT owned
- 207 bridges (29%) Locally owned (104 < 20 ft; 103 > 20 ft)
- Federal law requires bridges >20 ft inspected at least every 2 yrs
- PennDOT and Lycoming County inspect all bridges >8 ft.
- Lycoming County is only County in PA now inspecting >8 ft local bridges
- 20 Bridges in County are Fracture Critical

# Bridge Condition

- 22% of bridges are on Enhanced NHS
  - Only 1 bridge out of 142 Enhanced NHS bridges is structurally deficient (SD). Major river bridges are improved.
  - 8.3 % of state-owned bridges (43 bridges) are SD and 5 state bridges have weight limit postings. Most on secondary roads
  - 29% of local bridges >20 ft are SD (21 bridges) and 15 of these bridges have weight limit postings
  - 35% of local bridges < 20ft are SD (37 bridges) and 10 of these small local bridges have weight limit postings
  - 137 bridges are at risk of becoming SD (Condition rating 5)

# Award Winning Covered Bridges



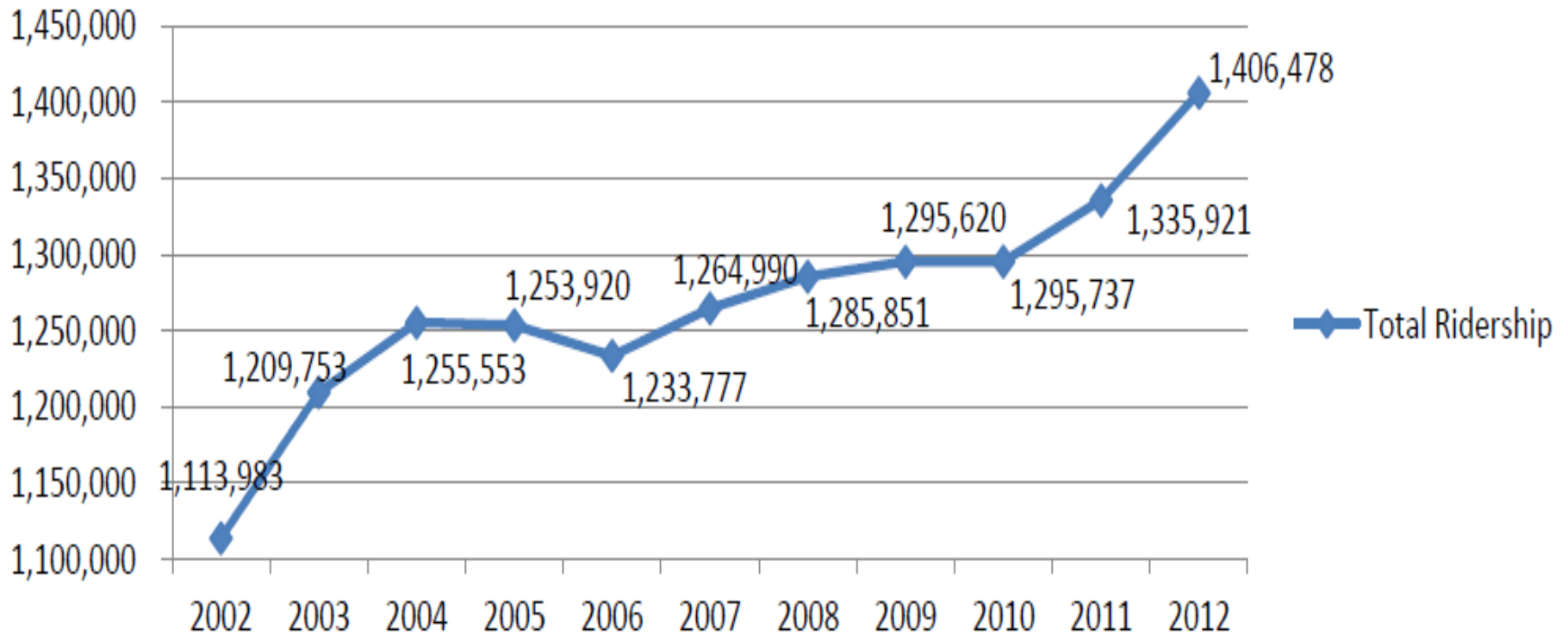
# Public Transportation



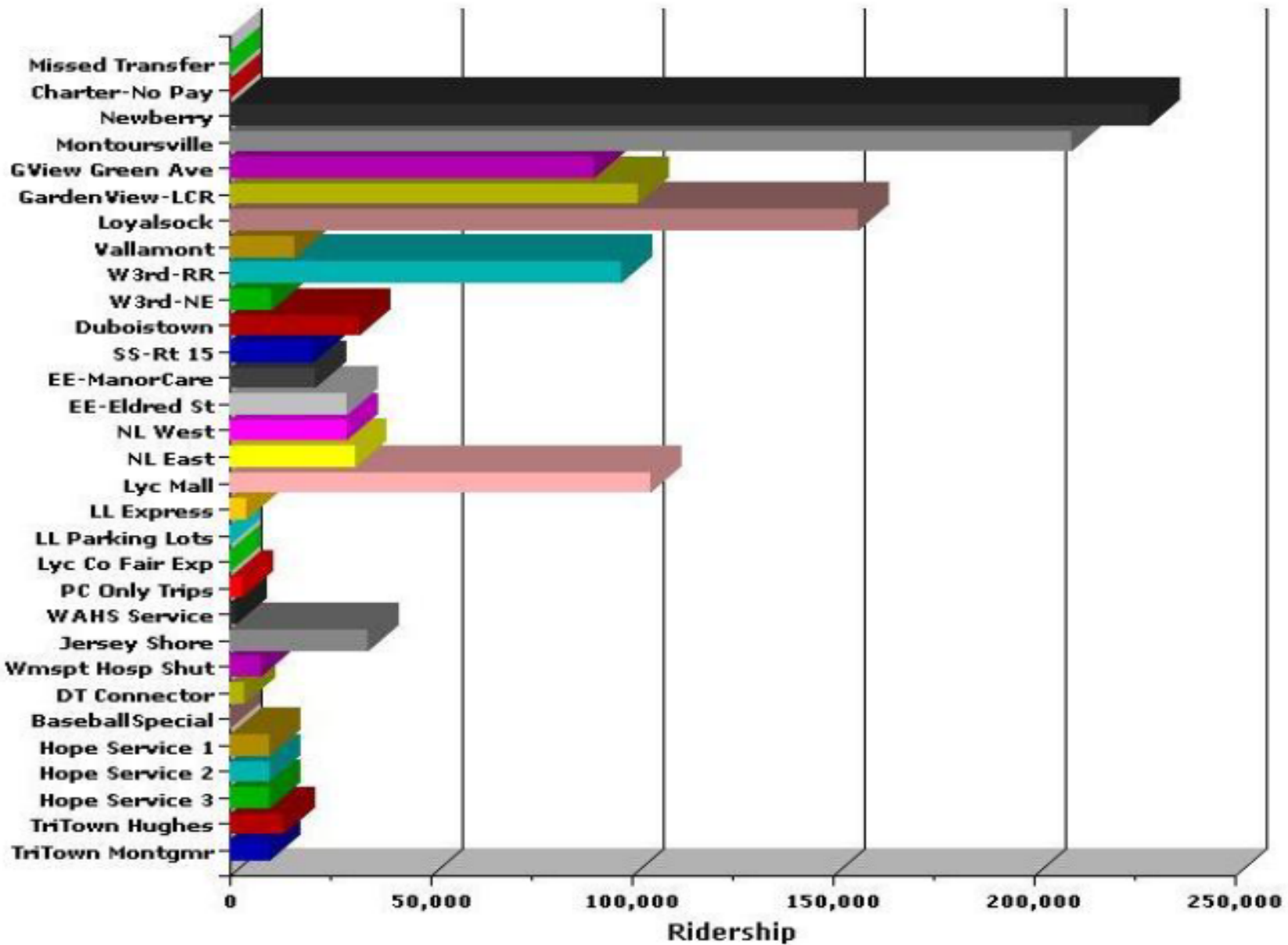


# Transit Ridership At All Time High

## RVT Annual Passengers 2002-2012



# Ridership by Route Jan 1, 2011 - Dec 31, 2011



# RIVER VALLEY TRANSIT (RVT) COMPRESSED NATURAL GAS (CNG) PROJECT



# New Church St Transportation Center



# Trade and Transit Centre II Coming Soon !

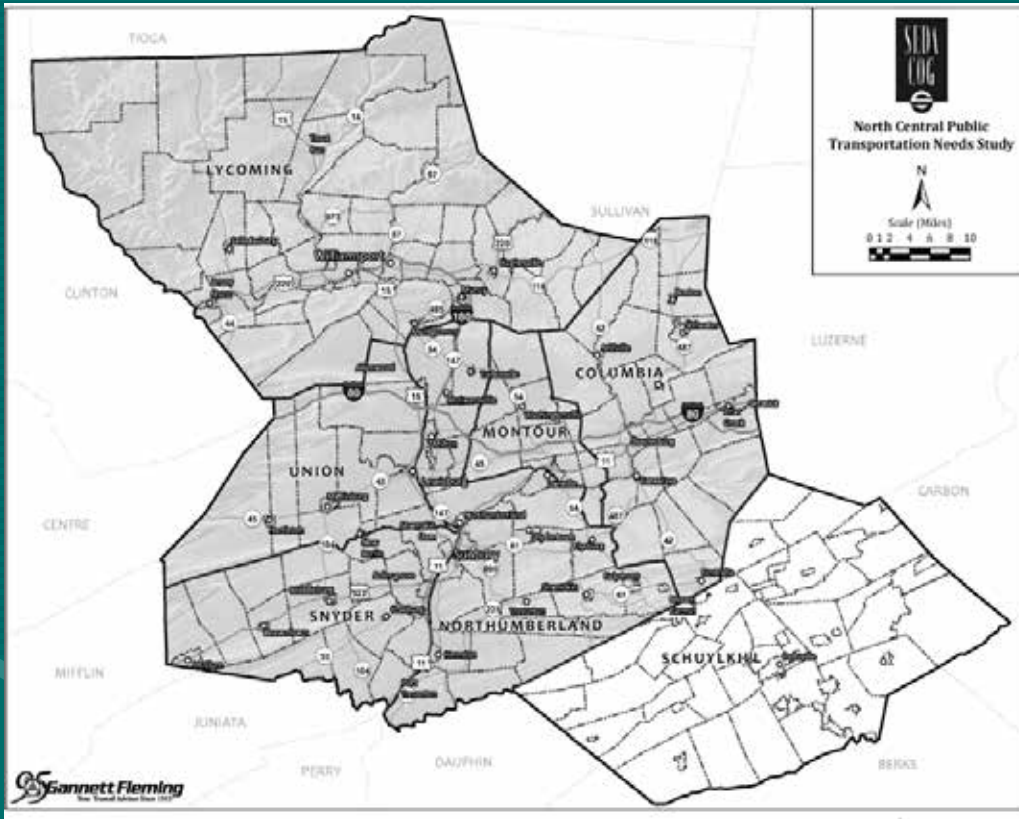


## Proposed Trade & Transit Centre 2

Ground Level Plan



# Regional Transit Task Force



# Air Service



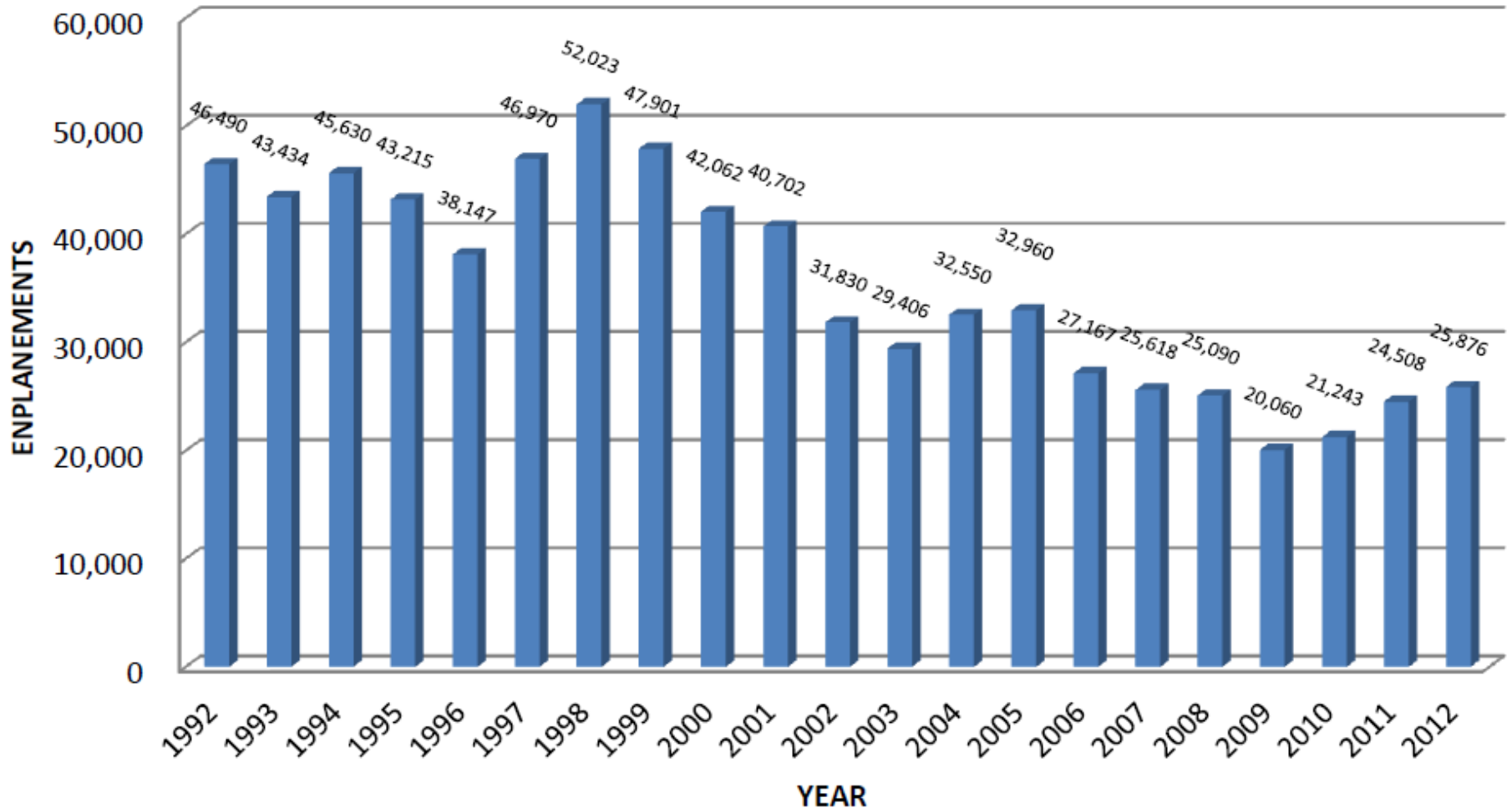
**IPT**

**WilliamSPORT**  
**REGIONAL AIRPORT**



# Enplanements Are Rising Seats Are Full

Williamsport Regional Airport  
Historical Enplanements

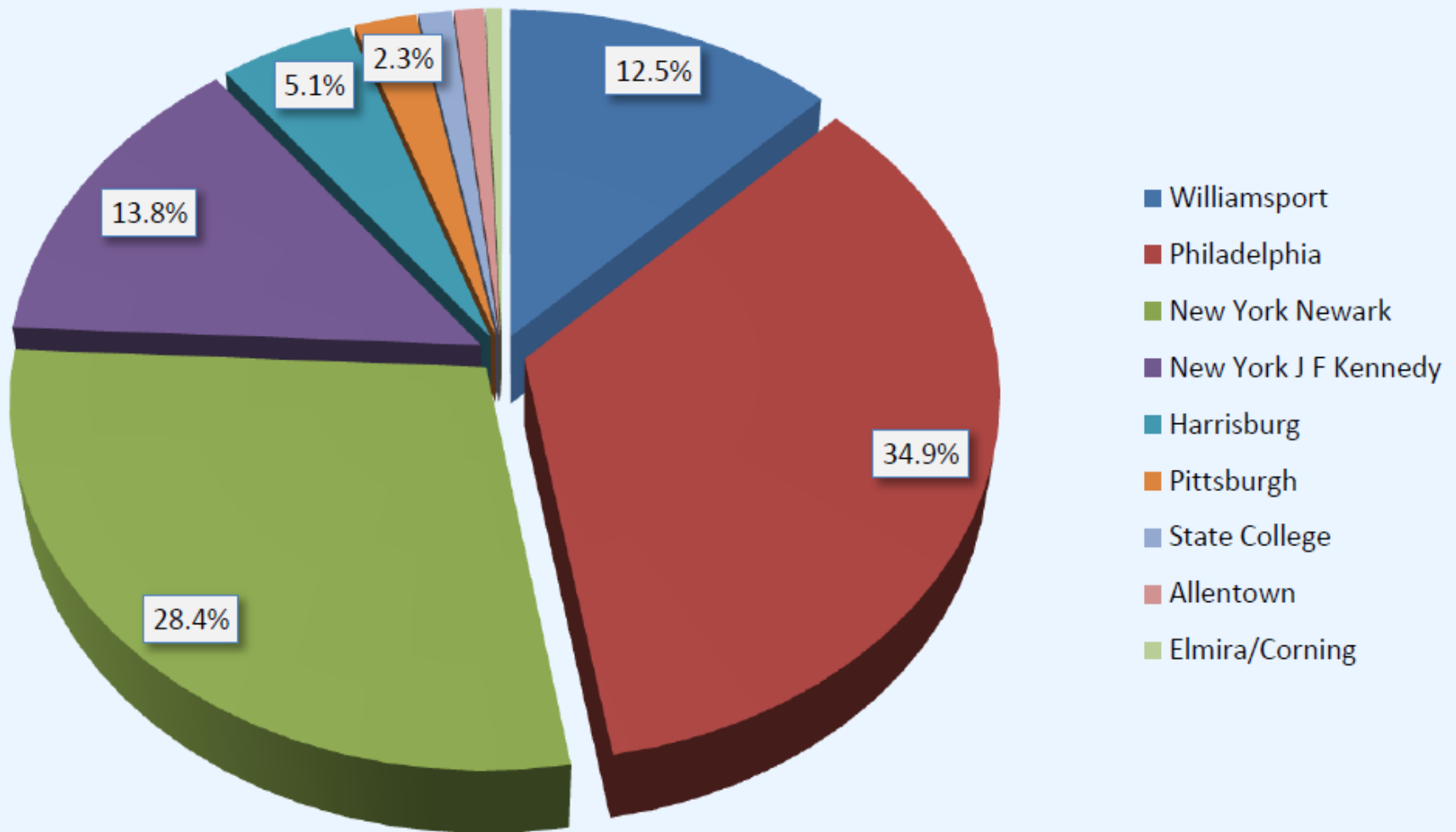




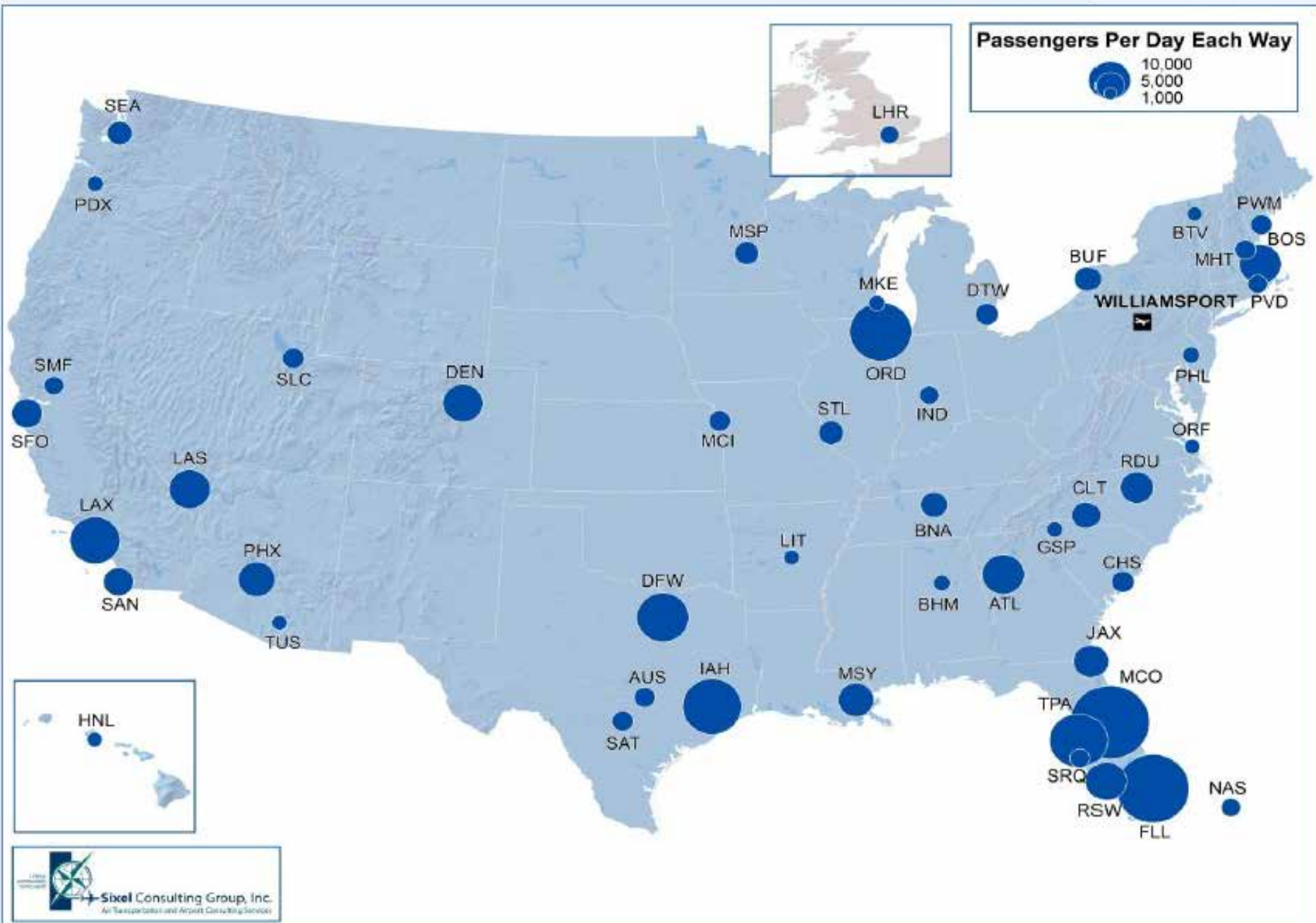
# Airport Market Potential

## Originating Airport for Williamsport Area Passengers

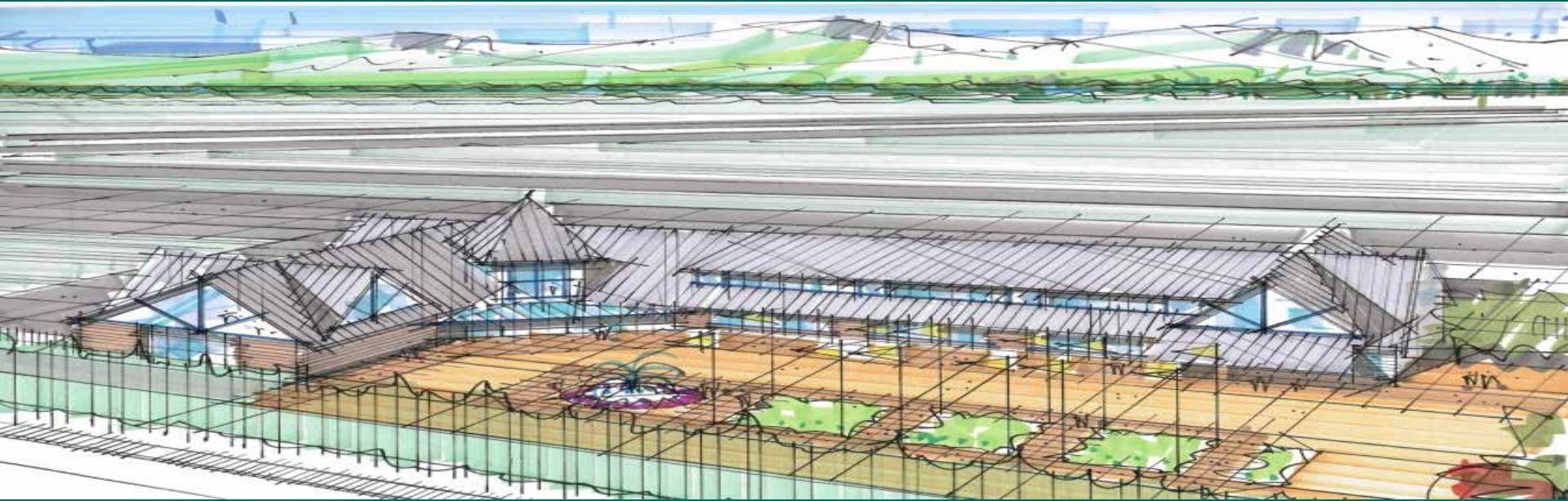
True Market with LCC Adjustment - TOTAL



# True Market Passenger Distribution at Williamsport



# Proposed New Terminal



**REVIEW**



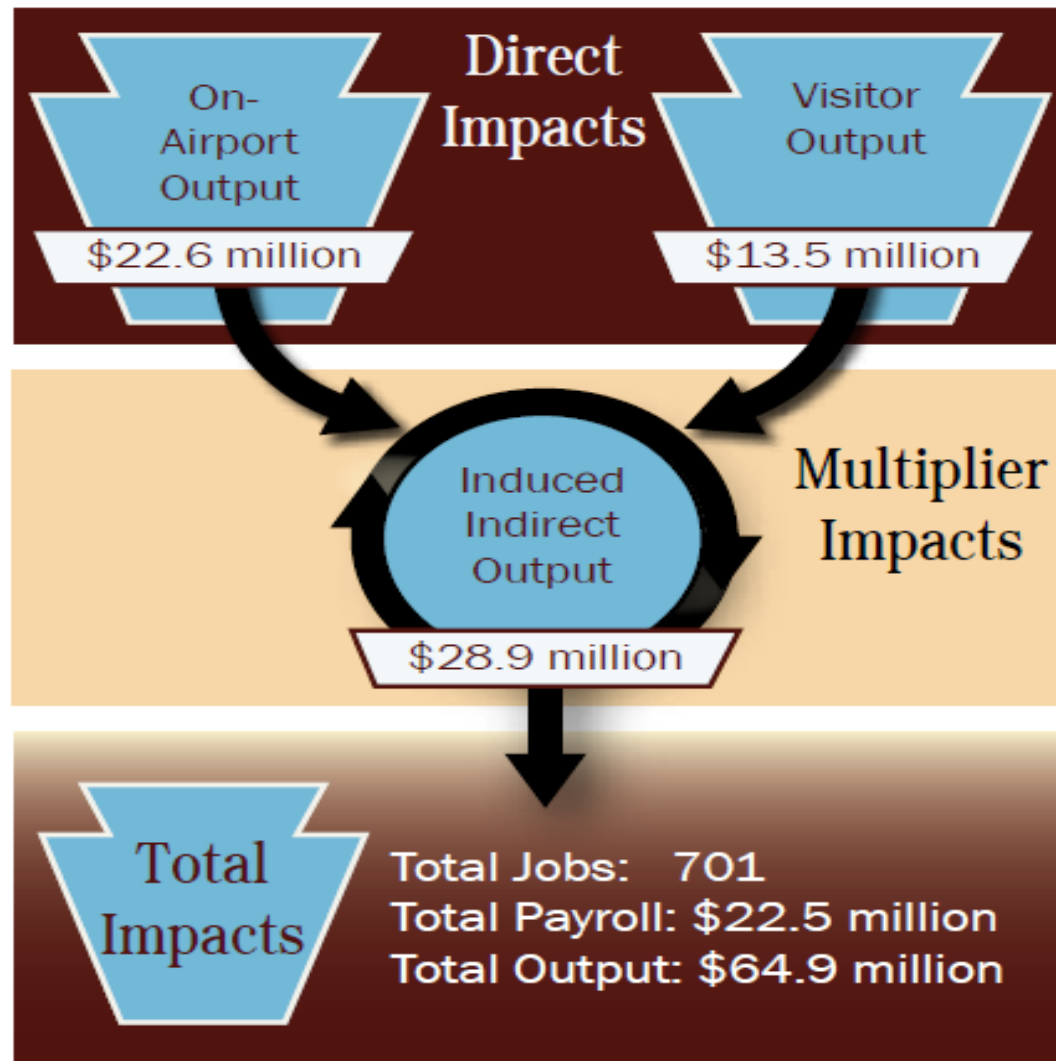
# Finishing Runway Safety Improvements



# New Fixed Base Operator



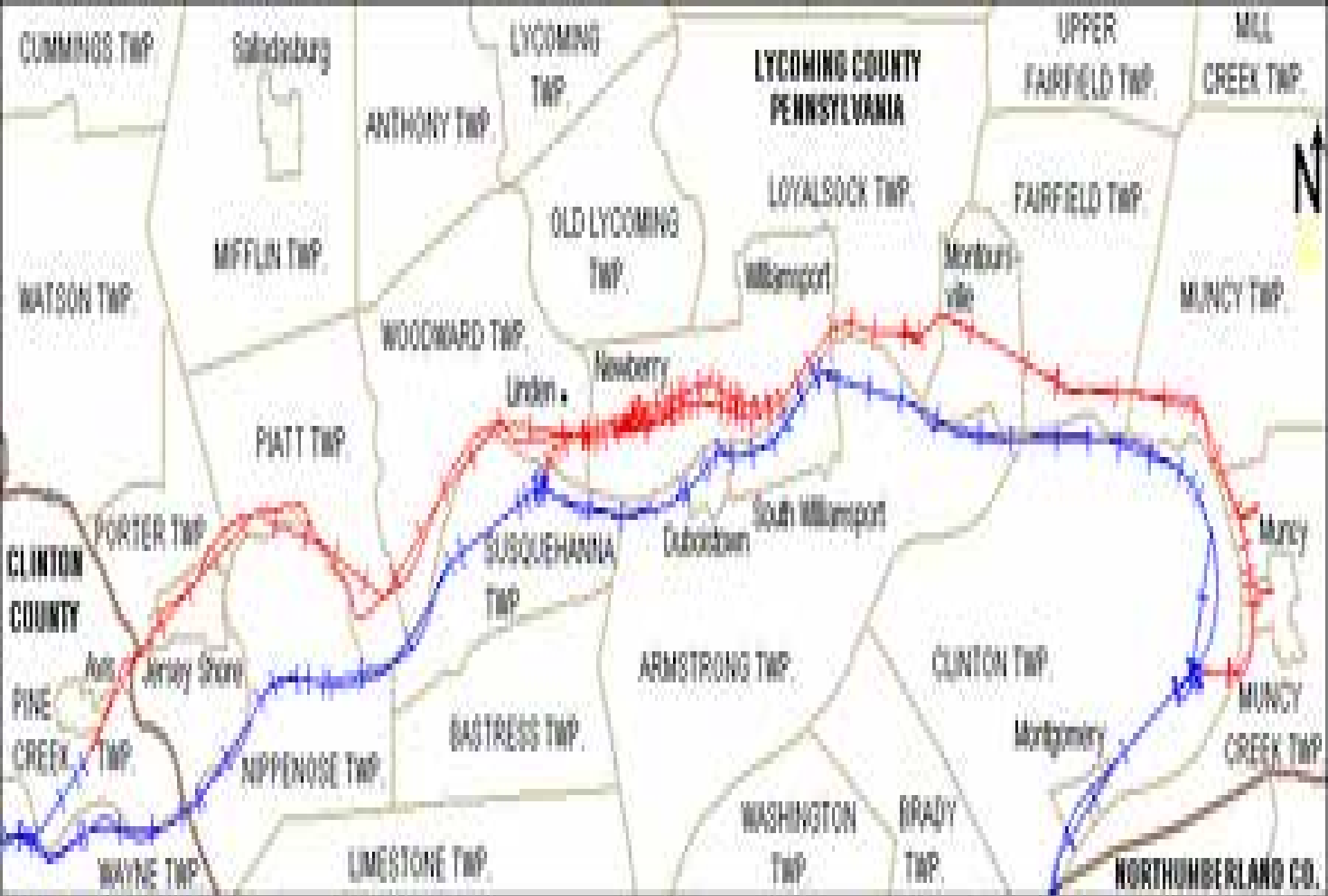
# Economic Impact of Williamsport Regional Airport



Source: Wilbur Smith Associates

# Rail Service





||||| LYCOMING VALLEY RAILROAD (LVR)   
 ||||| NORFOLK SOUTHERN RAILWAY (NS)

0 1 2 3 4 5 6 Miles  
 0 1 2 3 4 5 6 7 8 9 10 Kilometers





# Carload Trends

Railroad Company	Year						Change	
	2006	2007	2008	2009	2010	2011	#	%
JVRR	2,021	2,282	3,022	2,606	3,018	3,104	1,083	35%
LVRR	14,244	11,715	11,048	12,042	16,986	17,569	3,325	19%
NBER	5,855	5,019	6,609	9,130	10,614	7,751	1,896	24%
NSHR	1,439	1,030	1,334	1,354	1,226	1,301	(138)	-11%
SVRR	868	885	617	203	206	370	(498)	-135%
<b>Totals</b>	<b>24,427</b>	<b>20,931</b>	<b>22,630</b>	<b>25,335</b>	<b>32,050</b>	<b>30,095</b>	<b>5,668</b>	<b>19%</b>

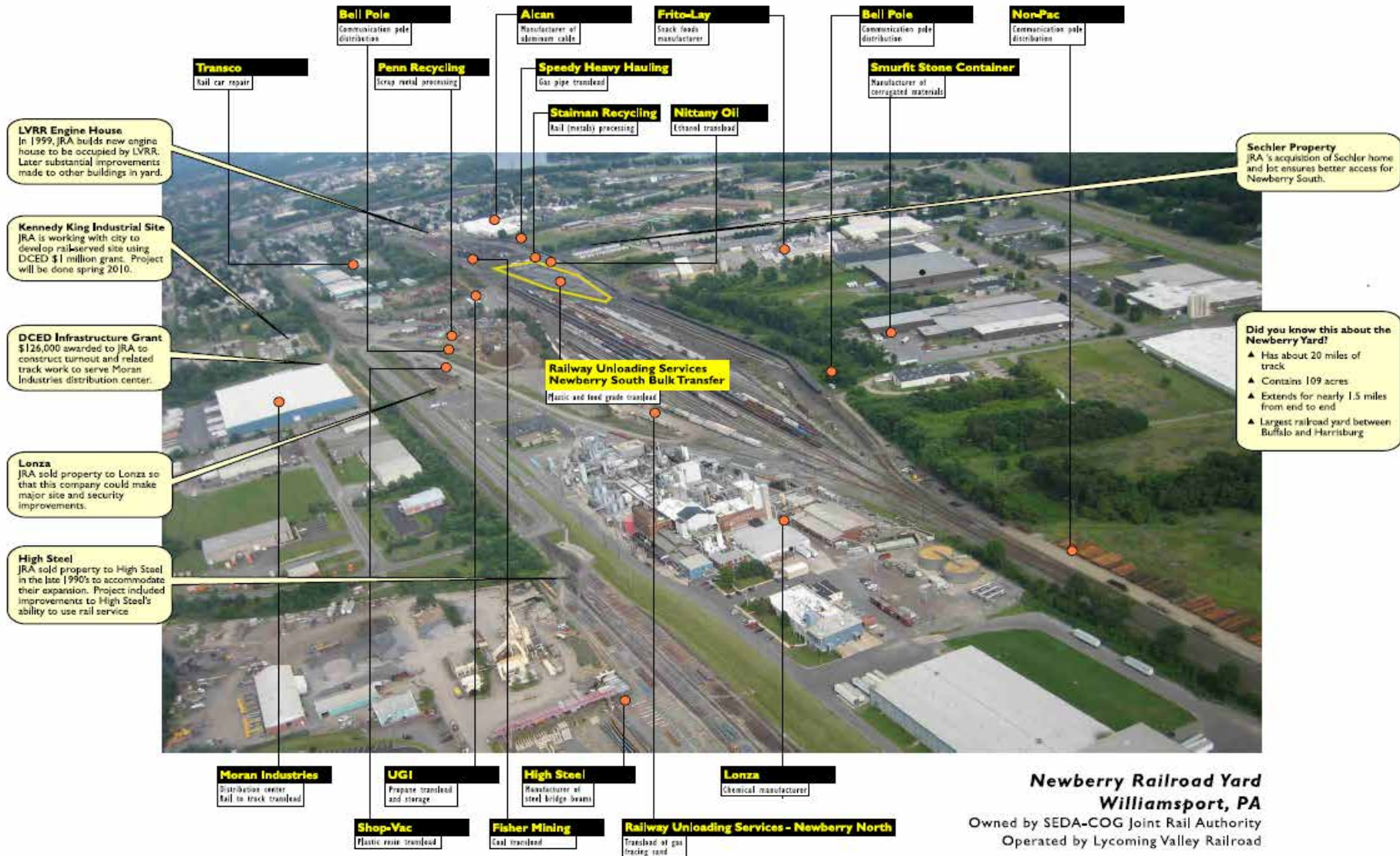


# Rail Economic Activity



County	JRA Mileage Owned/Leased	No. of Rail Freight Customers	Estimated No. of Customer Jobs	Rail Traffic			
				2008	2009	2010	2011
Blair	9.5	4	410	235	325	440	461
Centre	55	7	650	4,918	7,231	8,542	5,662
Clinton	13	12	1,010	3,230	3,275	4,168	4,816
Columbia	20	10	1,455	1,298	1,346	1,226	1,301
Lycoming	35	31	1,600	9,274	10,340	14,450	14,381
Mifflin	13	10	1,147	3,022	2,606	3,018	3,104
Montour	8.5	0	0	0	0	0	0
Northumberland	36	5	275	653	212	206	370
Union	4	0	0	0	0	0	0
<b>Totals</b>	<b>194</b>	<b>79</b>	<b>6,547</b>	<b>22,630</b>	<b>25,335</b>	<b>32,050</b>	<b>30,095</b>

# Newberry Yard Full Capacity Rail / Truck Transfer Hub



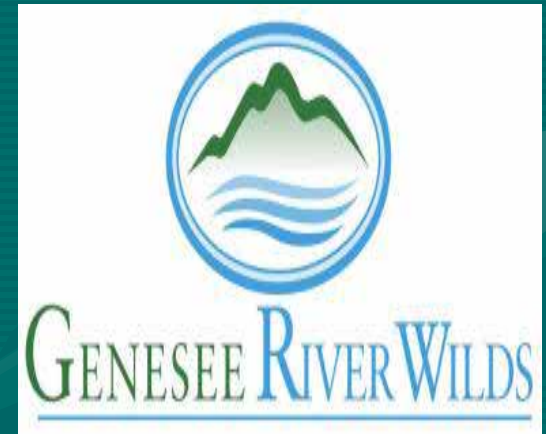
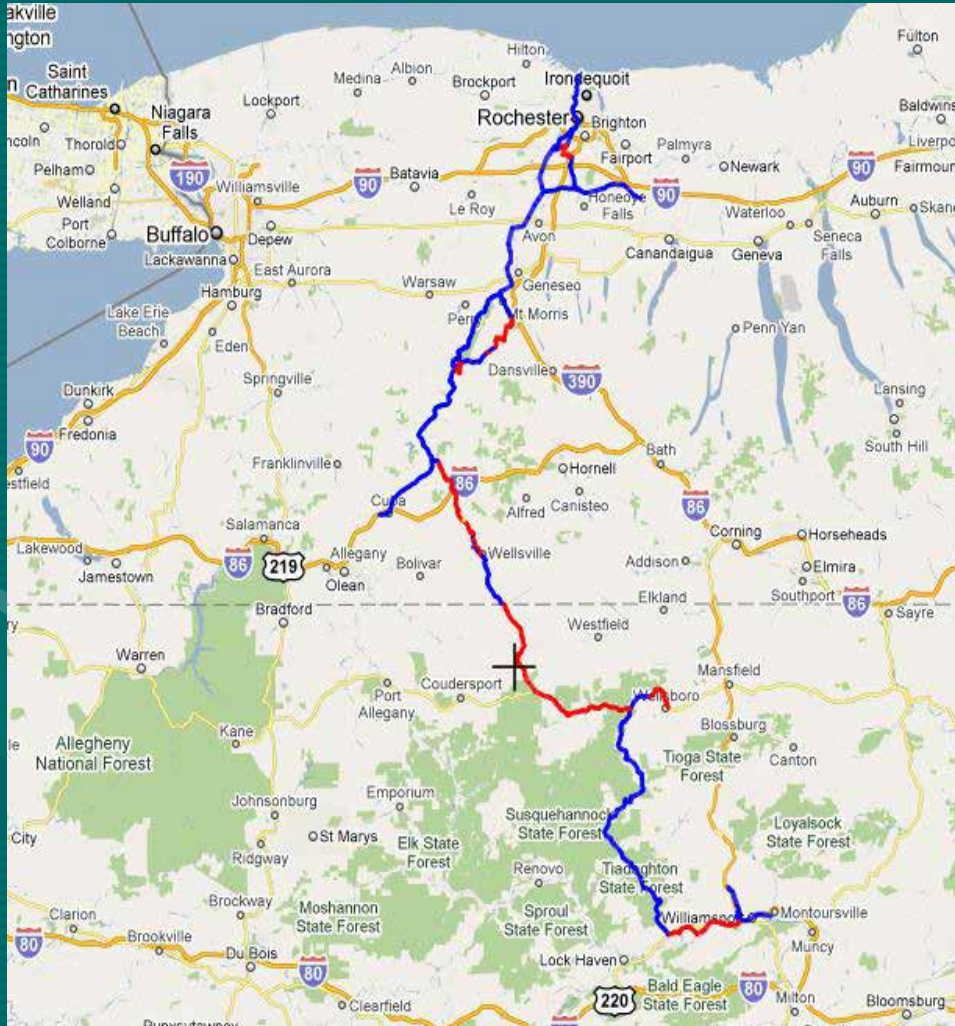
**Newberry Railroad Yard  
Williamsport, PA**

Owned by SEDA-COG Joint Rail Authority  
Operated by Lycoming Valley Railroad

# Bicycle and Pedestrian Facilities



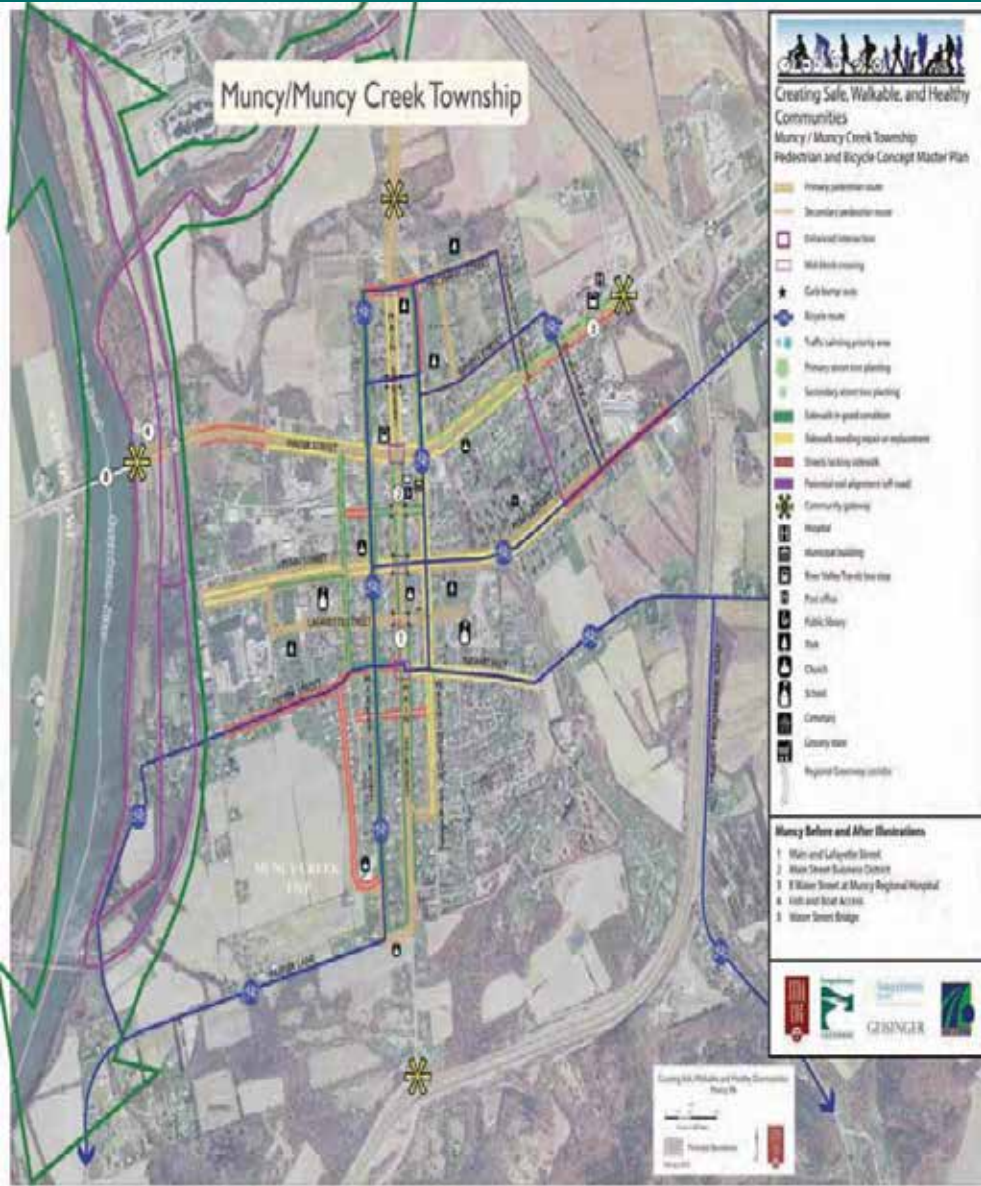
# Genesee/Susquehanna Greenway Regional Trail System



# Pathway to Health



# Walkable Communities



# Transportation Security Hazard Mitigation





# Public Involvement



# Federal / State Compliance

- Americans with Disabilities Act, (ADA)
- Title VI of Civil Rights Act
- Environmental Justice
- Limited English Proficiency
- PA Open Records Law



www.shutterstock.com - 66320083

*Pennsylvania Public Notices*

Powered by *MyPublicNotices.com*



**INTERPRETALK**<sup>®</sup>  
interpreting by telephone



# Primary Public Outreach Techniques

- Plan on county website [www.lyco.org](http://www.lyco.org)
- Plan development (11 publicly advertised meetings)
- Direct Mailings to 57 Interested Parties
- Lycoming County Area Television Series Feature
- Federally Required 45 day public comment period  
(November 1, 2013 – December 15, 2013)
- WATS MPO Plan Adoption (December 19, 2013)



# Plan Implementation



# Transportation Funding

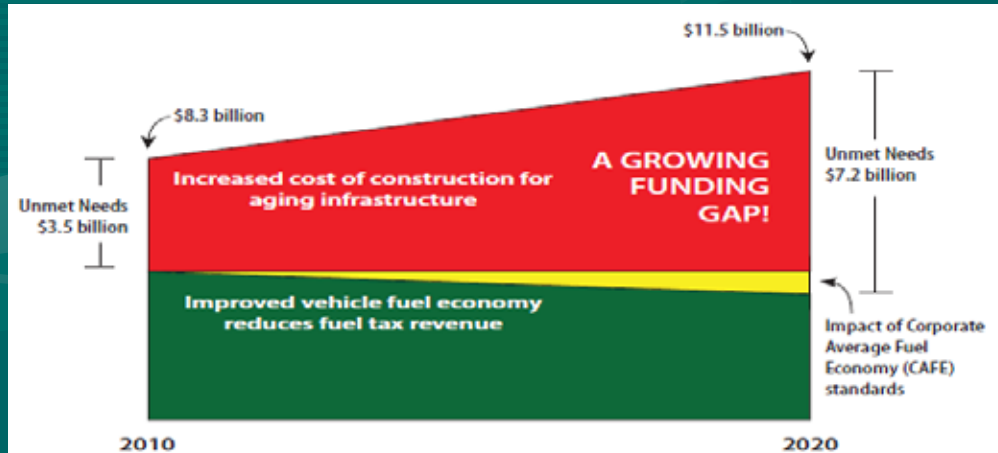
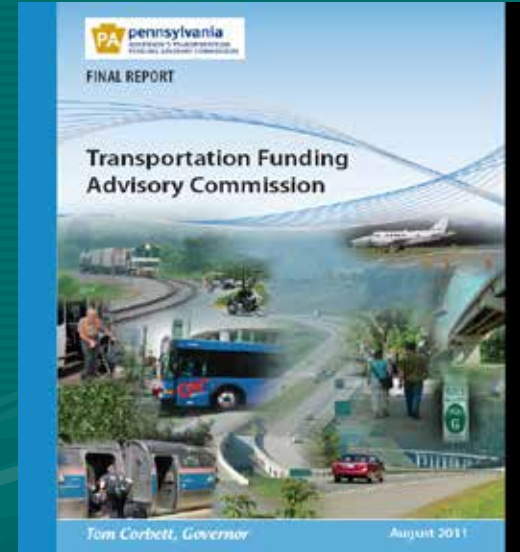


U.S. Department of Transportation  
Federal Highway Administration

- MAP 21
  - National Highway Performance Program (NHPP)
  - Surface Transportation Program (STP)
    - Transportation Alternatives
  - Highway Safety Improvement Program (HSIP)
    - Rail / Highway Safety
    - Transit Urbanized Formula Grants (5307) and others
- Other Federal Programs
  - Airport Improvement Program , (AIP)
  - Federal Railroad Administration



# State Transportation Funding Crisis

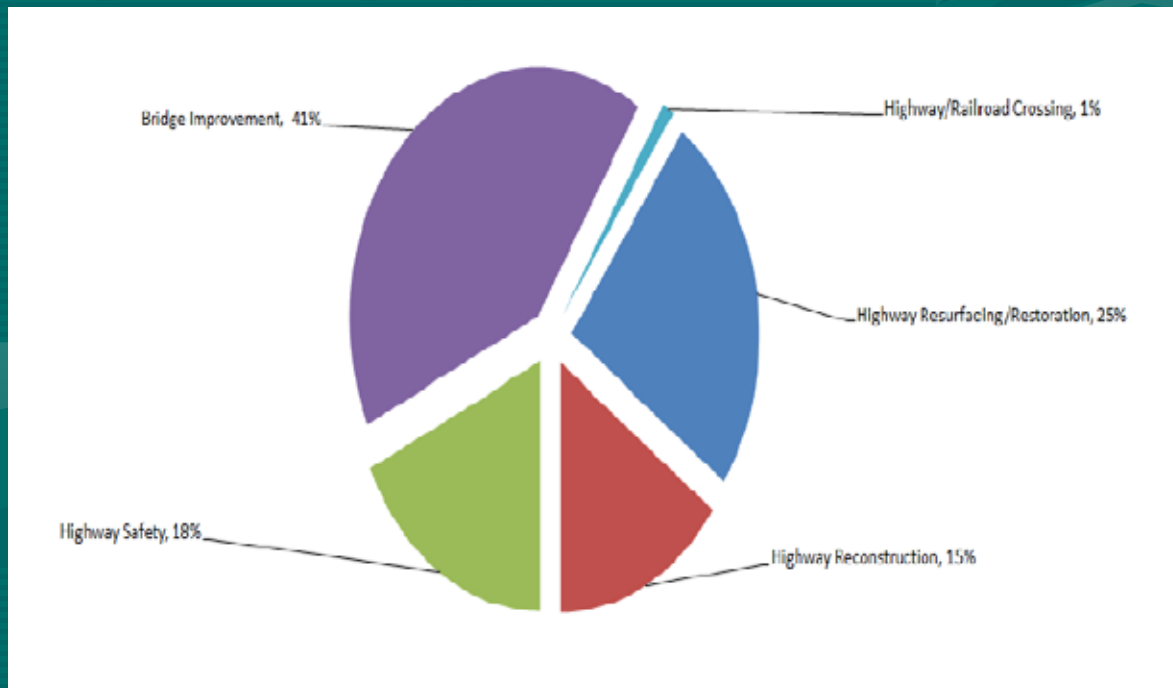


**The Transportation Funding Gap**  
 source: Transportation Funding Advisory Commission Report, 2011



# WATS Capital Transportation Projects

- FFY 2015-2018 TIP contains 81 highway/bridge projects with \$ 74 million committed. Act 89 yields 46 new projects.
- The FFY 2015-2018 TIP update needs to include \$ 20 million as cost to complete current TIP projects before new projects are considered.
- Long Range Plan staged projects (2013-2016; 2016-2024; 2025-2032)



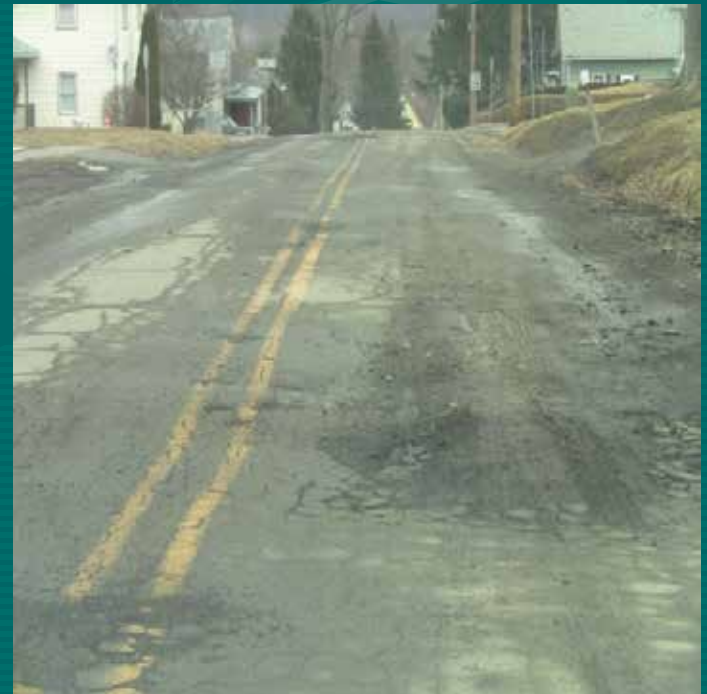
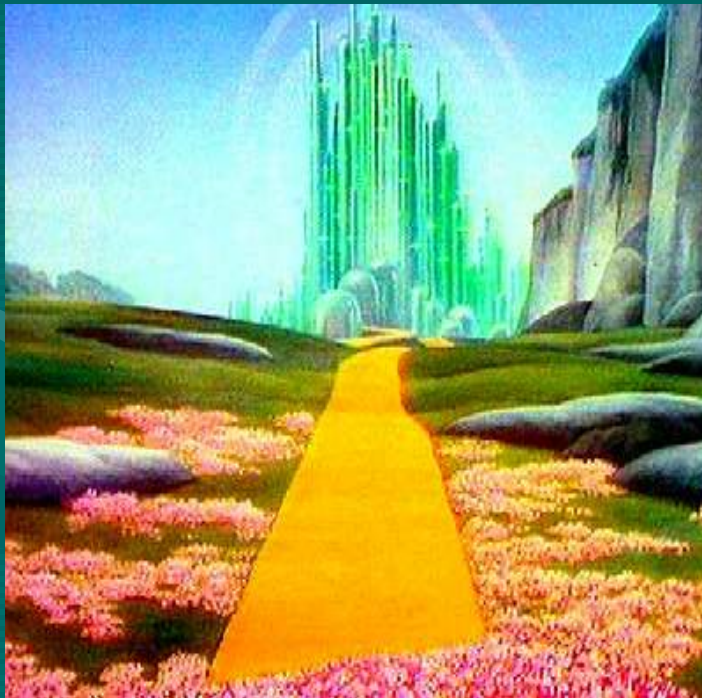
# Other Modal Investments

- FFY 2015-2018 TIP contains \$ 51 million for transit
- PennDOT 12 Year Program contains \$ 12 million for Williamsport Regional Airport projects
- SEDA-COG Joint Rail Authority Strategic Plan proposes \$ 21 million for 15 projects along LVRR
- Approx. \$ 30 million needed for bike ped facilities.
- Future needs over \$ 200 million over 20 yrs (I-99 another \$ 410 million)



# DECADE OF INVESTMENT

WHAT WILL OUR TRANSPORTATION FUTURE LOOK LIKE?



A green pennant-shaped sign with a white border, mounted on two wooden posts. The sign features the text 'Finish Line Ahead' in white, stylized, outlined letters. The background is a clear blue sky.

Finish Line  
Ahead