



# Albany Area Regional Transportation Plan



## Transit Subgroup August 29, 2016 Meeting Packet

### Transit Related Goals & Objectives

Goal	Transit Service Objectives
1. Provide for a balanced and multi-modal regional transportation system that meets existing needs and prepares for future needs.	<ul style="list-style-type: none"> <li>• Increase walking, bicycling and transit mode shares</li> <li>• Increase transit frequency and reliability</li> <li>• Reduce Vehicle Miles Traveled (VMT) per capita</li> </ul>
2. Enhance regional and intermodal connectivity for movement of all modes within the MPO as well as between the MPO and other areas.	<ul style="list-style-type: none"> <li>• Increase the percentage of the population within a maximum travel time between work and home</li> <li>• Improve transit frequency and coverage in high employment and dense residential areas</li> <li>• Reduce out-of-direction travel</li> <li>• Improve regional connectivity*</li> </ul>
6. Demonstrate responsible stewardship of funds and resources.	<ul style="list-style-type: none"> <li>• Increase total transportation revenue</li> </ul>
7. Coordinate transportation and land use decision-making to foster development patterns which increase transportation options, encourage physical activity, and decrease reliance on the automobile.	<ul style="list-style-type: none"> <li>• Increase population and employment density</li> </ul>
8. Provide for a transportation system with positive personal health impacts.	<ul style="list-style-type: none"> <li>• Improve health and wellness of the general population by increasing active transportation choices and access to care facilities</li> </ul>
9. Provide for a diversified transportation system that ensures mobility for all.	<ul style="list-style-type: none"> <li>• Distribute transportation system user benefits evenly across all population groups</li> <li>• Distribute health benefits of active transportation across all population groups</li> </ul>

\* Proposed new objective

## Potential Route Design Evaluation Criteria (8/22/16)

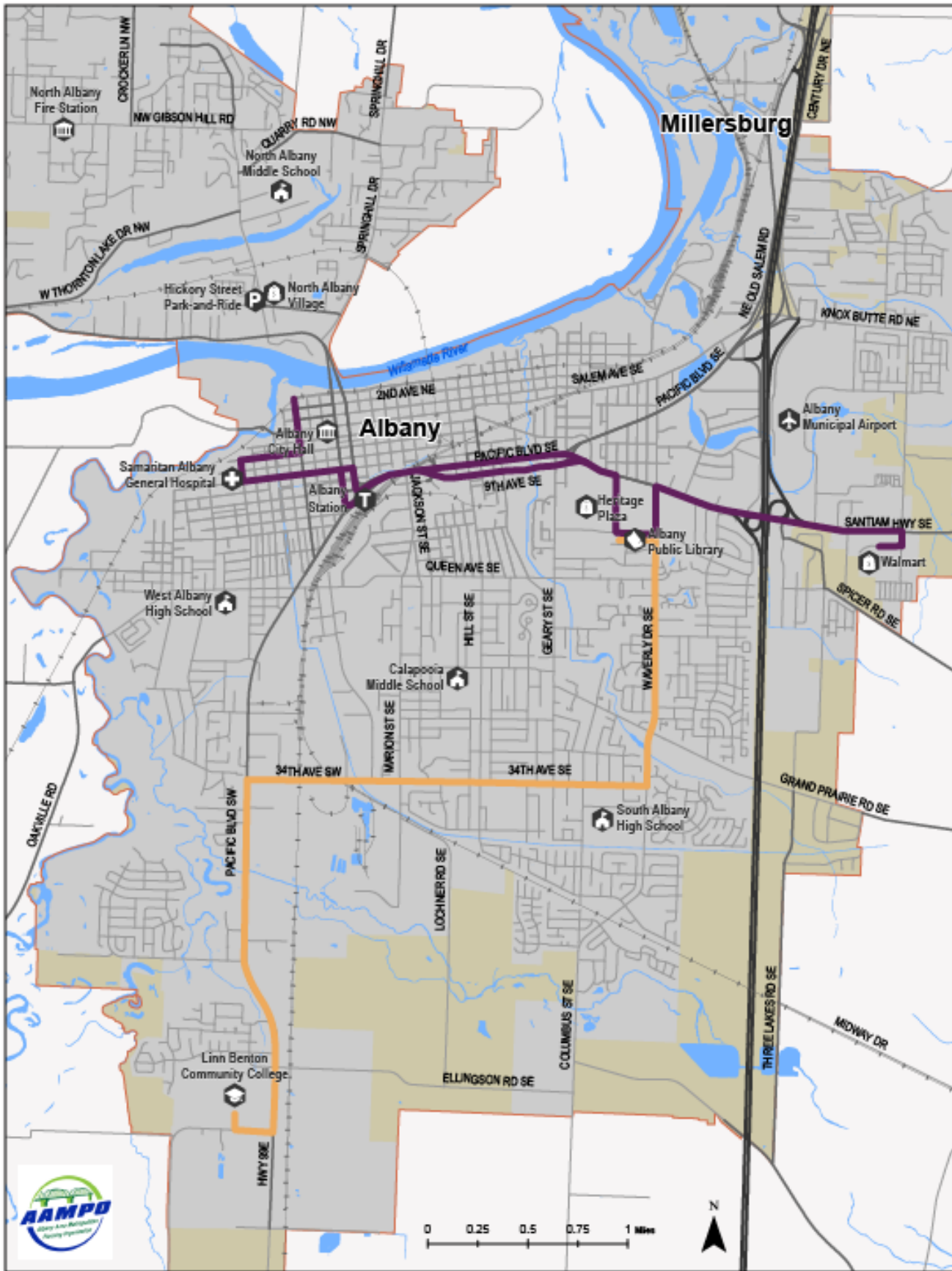
Transit Design Guideline	Evaluation Criteria Measures	Objectives								
		Increase transit mode share	Increase frequency	Increase reliability	Reduce travel time	Increase availability	Increase access to healthcare	Equitable distribution of service	Efficient use of funds	Improve Regional Connections*
<b>Common Measures</b>										
<ul style="list-style-type: none"> <li>Level of service</li> </ul>	<ul style="list-style-type: none"> <li>Percent of routes meeting frequency of service goals</li> <li>Percent of routes meeting span of service goals</li> </ul>	X	X							X
<b>Productivity Focused Measures</b>										
<ul style="list-style-type: none"> <li>Simplicity</li> </ul>	<ul style="list-style-type: none"> <li>Qualitative assessment of system design (H/M/L)</li> </ul>	X		X	X					X
<ul style="list-style-type: none"> <li>Directness</li> <li>Minimal Deviations</li> <li>Arterial focus</li> <li>Symmetry</li> </ul>	<ul style="list-style-type: none"> <li>Travel time between key O-D pas</li> </ul>	X		X	X					X
	<ul style="list-style-type: none"> <li>Percent of travel time off of most direct routing by route</li> </ul>			X	X					X
	<ul style="list-style-type: none"> <li>Percent of major collectors and above (by miles) that have service per LOS guideline</li> </ul>									
<ul style="list-style-type: none"> <li>Optimal use of resources</li> </ul>	<ul style="list-style-type: none"> <li>Ratio of in-service/revenue hours to vehicle hours</li> </ul>									X
<b>Coverage Focused Measures</b>										
<ul style="list-style-type: none"> <li>Service Availability</li> </ul>	<ul style="list-style-type: none"> <li>Number or percent of jobs within ¼ mile of transit stop served per LOS guideline</li> </ul>	X								
	<ul style="list-style-type: none"> <li>Number or percent of households within ¼ mile of stop</li> </ul>									
	<ul style="list-style-type: none"> <li>Number of below-poverty level households within ¼ of stop</li> </ul>					X	X	X		
	<ul style="list-style-type: none"> <li>Number of CAR pickups within ¼ of stop</li> </ul>									
	<ul style="list-style-type: none"> <li>Number of senior or disabled residential facilities, or workforce training centers within ¼ of stop</li> </ul>									

- NOTES:
- Increase Mode Share is a proxy for Reduce VMT
  - Reduce Travel Time is a proxy for Reduce Out-of-Direction Travel
  - Increase Availability is a proxy for service to population and employment densities, increased active transportation options to general population

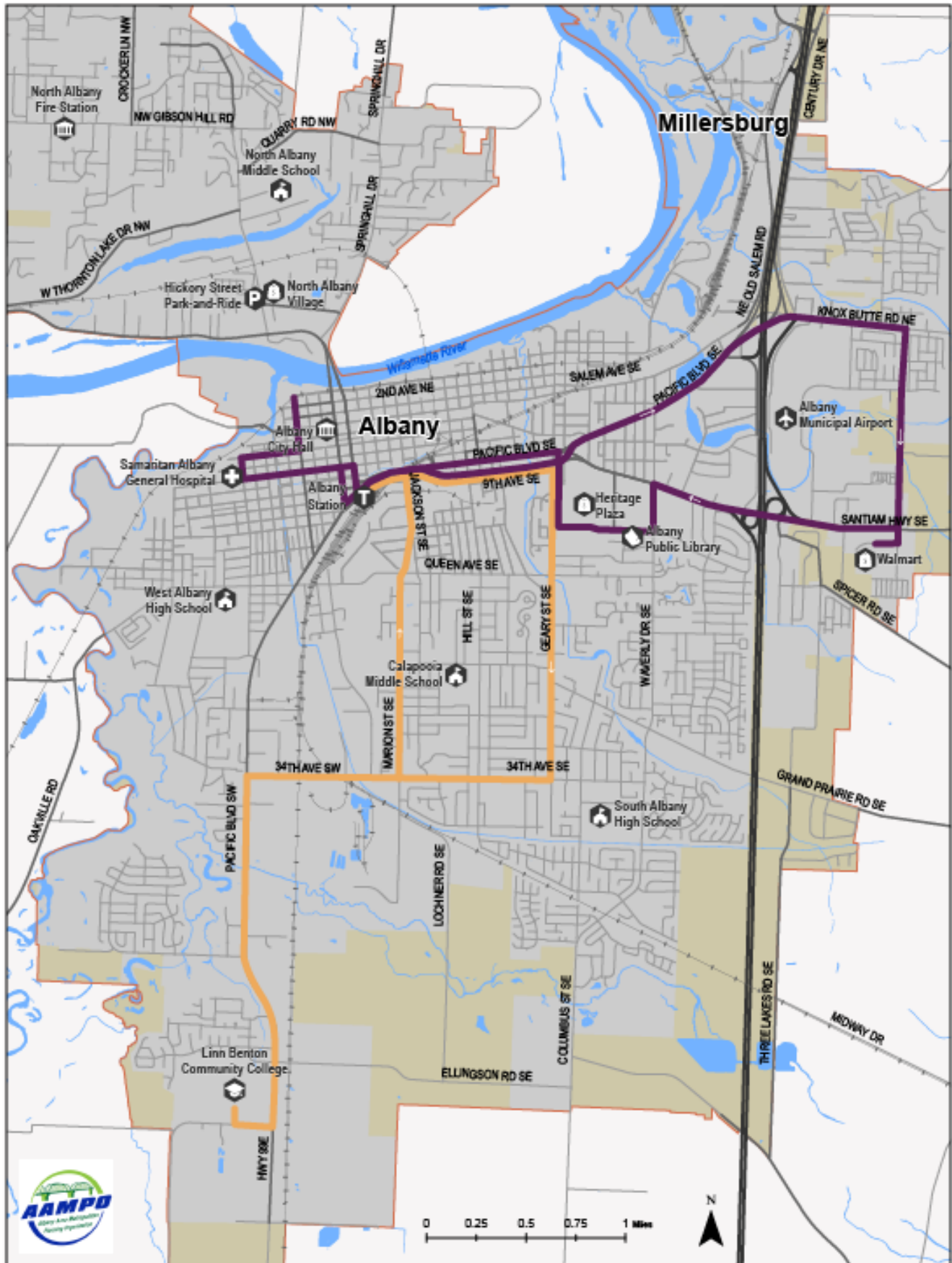
## Sample LOS Guidelines

Service Type	Weekdays		Saturday		Sunday	
	Span of Service	Frequency of Service	Span of Service	Frequency of Service	Span of Service	Frequency of Service
Frequent	20 hrs	15 min.	20 hrs	15 min.	20 hrs	15 min.
Regular	16 hrs.	30 min.	16 hrs.	30 min.	16 hrs.	30 min.
Local	12 hrs.	60 min.	12 hrs.	60 min.	12 hrs.	60 min
Commuter	Peak-only	varies	Peak-only	varies		
Intercity	Varies to meet demand and regional connections					

# Illustrative Strawman - Fully Productive



# Illustrative Strawman - Productivity / Coverage Mix



## Worksheet: Transit Priorities by Planning Horizon

Corridor ID	Corridor	From / To	Preferred Service Type		
			Short Term	Medium Term	Long Term
1a	Hwy 20	Walmart to Albany Station			
1b	Hwy 20	Albany Station to 1st Ave			
1c	Hwy 20	1st Ave/Lyon to P+R			
1d	Hwy 20	P+R to Fire Station			
2a	Pacific Blvd / Hwy 99	COA City Limits to Geary			
2b	Pacific Blvd / Hwy 99	Albany Station to Hwy 99/Elm			
2c	Pacific Blvd / Hwy 99	Hwy 99/Elm to LBCC			
2d	Pacific Blvd / Hwy 99	LBCC to Tangent Dr			
3	Elm / 7 <sup>th</sup> Ave	Hwy 99/Elm to Downtown Albany			
4a	Salem Ave	Senior Center to Main St			
4b	Salem Ave	Main St to Airport Rd			
4c	Salem / Old Salem	Airport Rd to Millersburg Dr			
5	Knox Butte Rd	Airport Rd to Timber Ridge St			
6a	Queen Ave	W Albany HS to Hill			
6b	Queen Ave	Hill to Waverly			
7a	34th Ave	Pacific Blvd to Hill			
7b	34th Ave	Hill to Waverly			
8	Grand Prairie	Geary to Waverly			
9a	Marion St / Jackson St	Pacific to Queen			
9b	Marion St / Jackson St	Queen to 34th			
10a	Hill St	Queen to 34th			
10b	Hill St	Queen to Pacific Blvd			
10c	Main St	Pacific to 2nd St			
11a	Geary St	Salem to 24th			
11b	Geary St	24th to 34th			
12a	Waverly	Salem to Queen			
12b	Waverly	Queen to Mennonite Village			
13	Hwy 164 / Hwy 99	Downtown Jefferson to Albany			
	Local Millersburg				
	Local Jefferson				
	Local Tangent				
Other					
Other					

### KEY:

- Short-term - 1-3 years out
- Medium-term - 5-10 years out
- Long-term - 15-25 years out
- Service types
  - Frequent (F)
  - Standard (S)
  - Local (L)
  - Commuter (C)
  - Intercity (I)
  - Demand Response (D) - Deviated fixed route or Call-a-Ride