

Final Report:

Transportation Connectivity Plan

Executive Summary

December 2013

Submitted by:



in association with: Vanasse Hangen Brustlin, Inc. Stuart I. Brown Associates, Inc. Financial assistance for the preparation of this report was provided by the Federal Highway Administration and Federal Transit Administration through the Genesee Transportation Council. Livingston County is solely responsible for its content and the views and opinions expressed herein do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

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The Genesee Transportation Council assures that no person shall, on the grounds of race, color, national origin, disability, age, gender, or income status, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity. GTC further assures every effort will be made to ensure nondiscrimination in all of its programs activities, whether those programs and activities are federally funded or not.

En Español

El Consejo Genesee del Transporte asegura completa implementación del Título VI de la Ley de Derechos Civiles de 1964, que prohibe la discriminación por motivo de raza, color de piel, origen nacional edad, género, discapacidad, o estado de ingresos, en la provisión de beneficios y servicios que sean resultado de programas y actividades que reciban asistencia financiera federal.





EXECUTIVE SUMMARY

The Livingston County Transportation Connectivity Plan (the Plan) recognizes that the County's quality of life, mobility, and economic vitality are dependent upon improved integration of land use and transportation planning. The Plan extends the County's existing initiative to promote a vital and sustainable Livingston County to include the transportation system.

The decision to develop the Plan is a result of a number of different studies and statistics that show the need for a county-wide plan to address how growth, land use changes, regional transportation demands, natural resources issues and changing demographics are affecting the transportation system, who it serves, and how. The Plan development and future implementation fosters partnerships and connections between government, private, non-profit and educational agencies.

The Plan is intended to establish a holistic approach that will address the "3 P's" of creating a sustainable transportation system: the balance of appreciation for people, place, and prosperity. Keeping this in mind, a vision for what this new transportation system would accomplish was established to guide the development of the Plan:

"Develop a transportation connectivity plan that fosters partnerships and connections for the purpose of supporting and promoting a vital and sustainable Livingston County for existing and future residents and visitors alike."

The development of the Plan included an existing conditions inventory and baseline analysis, a system needs assessment, the development of alternatives and recommendations, and an implementation action plan. The Plan also produced a case study of a portion of the Town and Village of Geneseo to provide a template for how the County's municipalities can customize the Plan's strategies to meet their transportation system needs.

The gathering of existing conditions and needs information, while keeping the above-mentioned vision in mind, resulted in the development of the following goals:

- 1. Provide a sustainable transportation network that provides facilities for and encourages use by all modes, with particular emphasis on pedestrians and bicycles;
- 2. Improve safety for all modes and users of the transportation system through system design, innovative technology, and education;
- 3. Improve freight transportation infrastructure and access;
- 4. Provide comprehensive and innovative public transportation services through the Livingston Area Transit Service (LATS) and other human service and transportation providers;
- 5. Promote efficient, innovative, and sustainable system management, maintenance, and operations; and
- 6. Preserve, protect, and enhance the County's quality of life, natural environment, cultural heritage, and community appearance.





The strategies developed serve as a guideline or action plan for future. These strategies provide the County and its municipalities a clear path for achieving the vision of a sustainable transportation system. The strategies fall into three different categories: capital improvement projects, policy and planning considerations, or service and program considerations. Capital improvement projects would include various infrastructure installations, rehabilitation or reconstruction projects, and maintaining existing infrastructure. Policy and planning strategies would include conducting feasibility studies, updating comprehensive plans and zoning policies, inventorying and prioritizing projects, and researching potential funding opportunities. Transit service/system improvements, developing marketing or educational programs, and establishing shared service agreements would fall under the category of service and program strategies.

Since the strategies range from those that are easy to implement to those that might be more challenging or costly, evaluation criteria were developed to help highlight the differences between them, as well as the challenges and benefits of implementing each. These same evaluation criteria could be used as specific projects are developed by the different municipalities to ensure each project is serving the County's vision and prioritize projects based on their benefits. The following criteria were used to evaluate the strategies for the county-wide action plan:

- Users served: commuters, residents, visitors, low-income, seniors, youth, special needs/other
- Modes served: auto/truck, pedestrian, bicyclist, transit, rail, air, water
- Safety: Emphasizes importance of improving safety for all users and all modes
- Cost of implementation: Considers order of magnitude and life cycle costs, potential to leverage other resources, consideration of immediacy of benefit
- Timeframe/each of implementation: Considers timeframe, availability of technology, support/partners for implementation
- Connectivity within & outside Livingston County: Considers the improvement or establishment of a new connection(s) between destinations within/outside the County
- Consistency with planning efforts: Considers if the strategy/project has been identified/documented in other studies or previous planning efforts
- Environmental, Historical, & Cultural Impacts: Considers sustainability practices or potential for them, preserving & promoting historic/cultural characteristics, direct impacts to environment, etc.
- Business, Industrial, & Economic Development Impacts: Considers tourism, job retention, creation, and expansion, impacts to operations, new business development, etc.
- Quality of Life/Public Health Impacts: Considers the improvement of the quality of life and encouragement of active transportation to improve public health

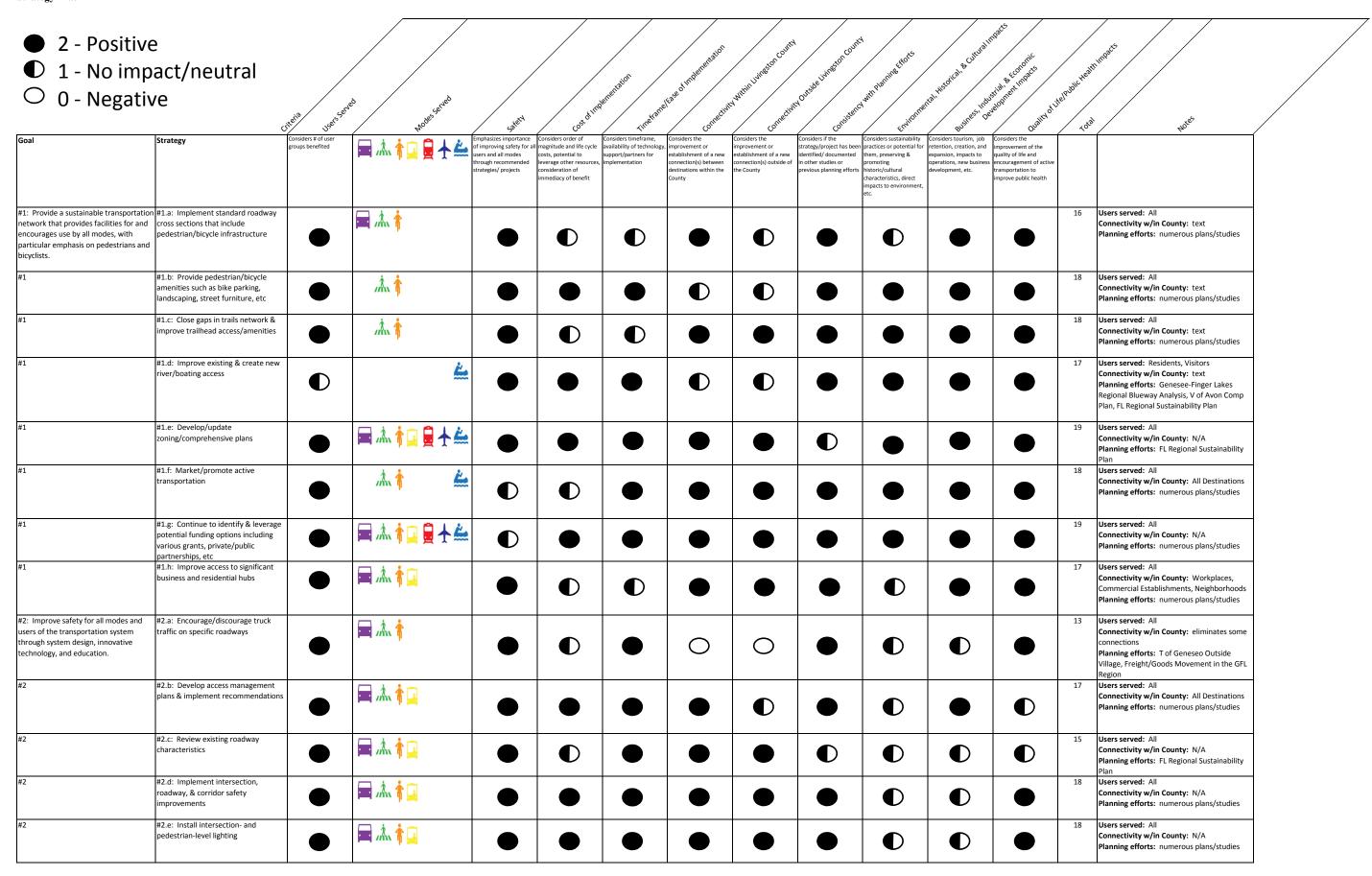
The Plan provides an overview of each goal along with the identified strategies to help achieve them. For each strategy discussed, timeframe and cost information is noted as well as potential lead agencies, stakeholders, and funding sources. See the Plan for more detailed descriptions of goals and strategies. A matrix was developed (and is attached) to show the evaluation of each strategy to help the County and its municipalities prioritize future projects.



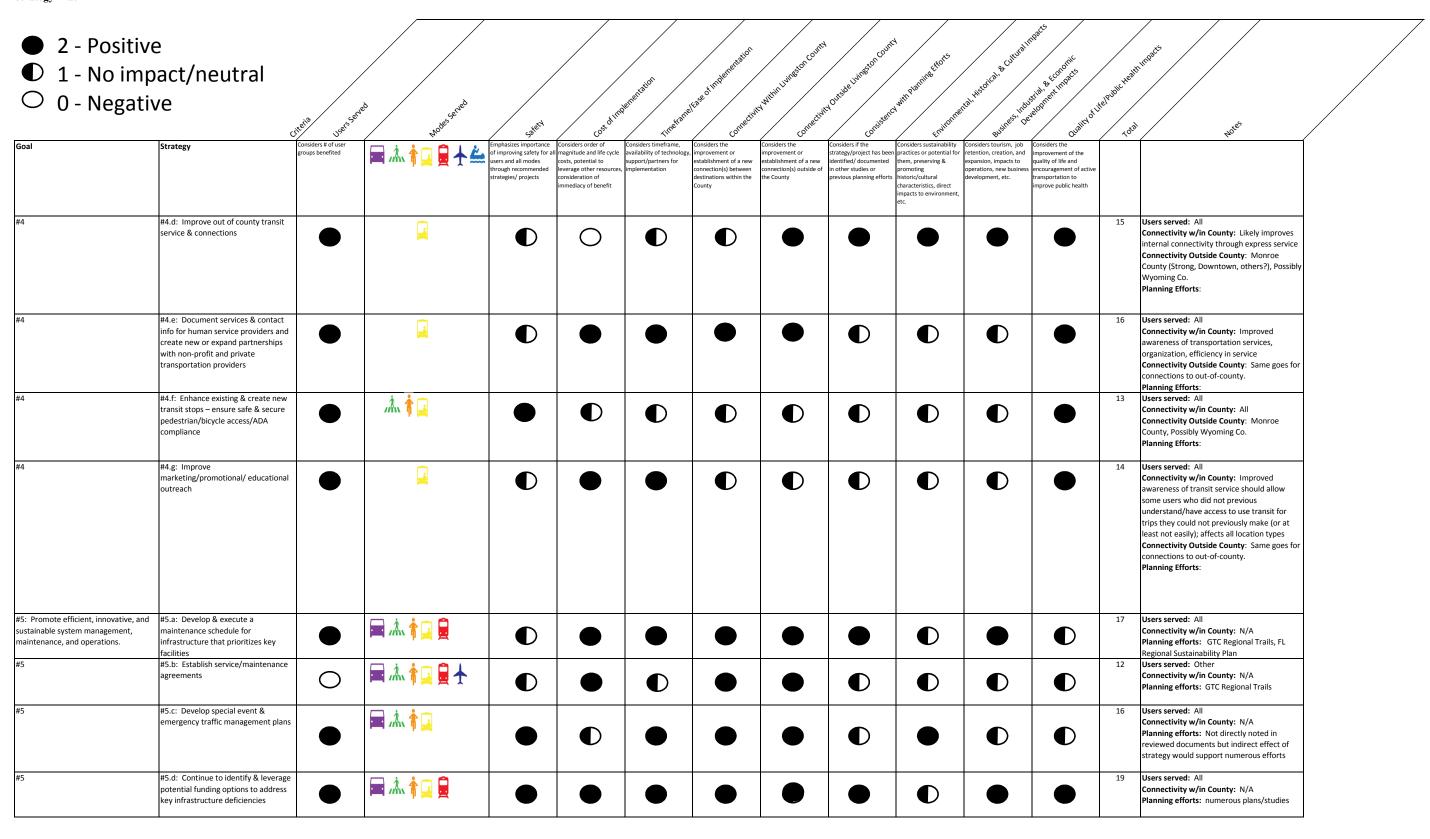


Strategies associated with capital improvement projects, specifically with establishing specific connections between trails and population centers, are shown the attached figures. The figures also highlight two different transit options developed to improve transfers and connections and simplify the fixed-route structure of the LATS system. Recommendations from previous studies or documents that indicate specific locations are shown, but otherwise, potential connections are shown on a conceptual level in terms of what trails or destinations are being connected.





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oal	Strategy	Considers # of user groups benefited	扁漁常□員★無	Emphasizes importance of improving safety for al users and all modes through recommended strategies/ projects	Considers order of Il magnitude and life cycle costs, potential to leverage other resources consideration of immediacy of benefit	support/partners for	Considers the y, improvement or establishment of a new connection(s) between destinations within the County	connection(s) outside of	Considers if the strategy/project has beer identified/ documented in other studies or previous planning efforts	Considers sustainability practices or potential for them, preserving & promoting historic/cultural characteristics, direct impacts to environment, etc.	Considers tourism, job retention, creation, and expansion, impacts to operations, new busines development, etc.	Considers the improvement of the quality of life and			
	#2.f: Evaluate existing speed limits & increase enforcement		□ À. †		•	•	•	•	•	•	•	•	17	Users served: All Connectivity w/in County: N/A Planning efforts: numerous plans/studies	
2	#2.g: Educate the public on the rules of the road – all users/modes	•	□ 杰 †□	•	•	•	•	•	•	•	•	•	17	Users served: All Connectivity w/in County: N/A Planning efforts: Safe Routes to School Guidebook for the GFL Region	
frastructure and access.	#3.a: Improve access to regional priority economic development sites: Dansville Industrial Park, Livonia Gateway Park, 2 Avon Parks & Caledonia Industrial Development Area	•	扁漁膏□圓士	•	•	•	•	•	•	0	•	•	13	Users served: Commuters, Residents, Visitors Connectivity w/in County: All Destinations Planning efforts: Livonia Comp Plan, Freight/Goods Movement in the GFL Region, Rt 20A Access Management Plan, FL Regional Sustainability Plan	
	#3.b: Maintain, repair, & rebuild key components of regional rail network including the Portage Bridge and the Rochester & Southern Railroad rail line between Dansville & Mt Morris	•		•	•	•	•	•	•	•	•	•	16	Users served: Residents, Other Connectivity w/in County: Workplaces, Commercial Establishments Planning efforts: numerous plans/studies	
3	#3.c: Evaluate and improve rail crossings	•		•	•	•		•	•	•	•	•	14	Users served: All Connectivity w/in County: N/A Planning efforts: FL Regional Sustainability Plan	
3	#3.d: Maintain airport facilities: Dansville & Geneseo Airports	•	†	•	•	•	•	•	•	•	•	•	15	Users served: Residents, Visitors Connectivity w/in County: N/A Planning efforts: Dansville/N Dansville Comp Plan, 2005 Dansville Municipal Airport Airport Layout Plan Update	
3	#3.e: Market/promote/educate - importance of freight transportation	0		•	•	•	•	•	•	•	•	•	16	Users served: Other Connectivity w/in County: N/A Planning efforts: Freight/Goods Movement in the GFL Region, FL Regional Sustainability Plan	
 Provide comprehensive and novative public transportation services rough LATS and other human service oviders. 	#4.a: Improve route connectivity & transfers	•		•	•	•	•	•	•	•	•	•	18	Users served: All Connectivity w/in County: All Connectivity Outside County: Monroe County, Possibly Wyoming Co. Planning Efforts:	
	#4.b: Simplify route structure to focu on core services	s		•	•	•	•	•	•	•	•	•	15	Users served: All Connectivity w/in County: May add connectivity but focus is on improving existing connections Connectivity Outside County: Improve ease of connection w/ Monroe County Planning Efforts:	
	#4.c: Improve frequency/service spar			•	0	•	•	•	•	•	•	•	16	Users served: All Connectivity w/in County: All Connectivity Outside County: Monroe County Planning Efforts:	



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Goal	Strategy	Considers # of user groups benefited	Emphasizes importance of improving safety for a users and all modes through recommended strategies/ projects	Considers order of I magnitude and life cycle costs, potential to leverage other resources, consideration of immediacy of benefit	Considers timeframe, availability of technolog support/partners for implementation	Considers the y, improvement or establishment of a new connection(s) between destinations within the County	Considers the improvement or establishment of a new connection(s) outside o the County	Considers if the strategy/project has been identified/ documented in other studies or previous planning efforts	Considers sustainability practices or potential fo them, preserving & promoting historic/cultural characteristics, direct impacts to environment etc.	Considers tourism, job retention, creation, and expansion, impacts to operations, new business development, etc.	Considers the improvement of the quality of life and encouragement of active transportation to improve public health			
#6: Preserve, protect, and enhance the County's quality of life, natural environment, cultural heritage, and community appearance.	#6.a: Support the rural & small town economy through improved services, programs, access and other initiatives	→	•	•	•	•	•	•	•	•	•	17	Users served: All Connectivity w/in County: All Destinations Planning efforts: numerous plans/studies	
#6	#6.b: Research, implement, and/or support initiatives that reduce transportation energy consumption	→ À † □ □	•	•		•	•	•	•	•	•	17	Users served: All Connectivity w/in County: N/A Planning efforts: FL Regional Sustainability Plan	
#6	#6.c: Develop connections between transportation, culture, and tourism through trail development, connectivity with historic landmarks, etc	→ Å †	•	•	•	•	•	•	•	•	•	17	Users served: All Connectivity w/in County: All Destinations Planning efforts: numerous plans/studies	
#6	#6.d: Encourage growth in centers & support downtown revitalization		•	•	•	•	•	•	•	•	•	15	Users served: All Connectivity w/in County: N/A Planning efforts: FL Regional Sustainability Plan, GTC Long Range Trans Plan	

