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GOAL, OBJECTIVES, AND POLICIES

The most important step in developing any plan is to clearly identify what are the desired goals and objectives to be accomplished.

Goal

SAFELY INCREASE THE LEVEL OF BICYCLING AND WALKING WITHIN THE CITY FOR RECREATIONAL TRIPS AND FOR DESTINATION-ORIENTED TRIPS.

Objectives

1. Fund and draft an 'active transportation consultant-led' Bicycle-Greenway Master Plan for the City of Johnson City. The Master Plan should incorporate the following objectives:
 - a. Utilize [AASHTO](#) standards from the [Guide for the Development of Bicycle Facilities](#) (most recent edition) for the construction of all on-street bicycle facilities.
 - b. Focus planning efforts on the [6 E's of bicycle-friendly planning and design](#) as established by the [League of American Bicyclists](#).
 1. Engineering: Creating safe and convenient places to ride and park
 2. Education: Giving people of all ages and abilities the skills and confidence to ride
 3. Encouragement: Creating a strong bike culture that welcomes and celebrates bicycling
 4. Enforcement & Safety: Ensuring safe roads for all users
 5. Evaluation & Planning: Planning for bicycling as a safe and viable transportation option
 6. The Sixth E: Equity, Diversity & Inclusion (EDI)
 - c. Create a network of bikeways and greenways (neighborhood routes, symbolized shared use routes, bike lanes, delineated/separated bike paths, off-street trails and multi-use paths) capable of supporting multiple users for transportation and recreation opportunities. This includes connections for bikeways and pedestrians in new subdivisions (where feasible). Evaluate, analyze and establish prioritized routes using GIS data, elevation, connectivity, proximity and other similar measures.
 - d. Provide for safe non-motorized transportation on existing streets. Utilize data from sources such as smart phone apps (ex. Strava) and bicycle

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and pedestrian counters to identify high traffic areas for bicycle and pedestrians in order to target infrastructure improvements.

- e. Incorporate bikeways and sidewalks into the design of **all designated** new and reconstructed roads along with the appropriate signage.
- f. Connect all areas of the city to high-use areas and destination points, **as feasible**, with safe bikeways and greenways.
- g. Eliminate barriers to non-motorized transportation and recreation—barriers include intersections which can be mitigated with crosswalks, signals, and sensors **while also meeting ADA specifications**.
- h. Connect Johnson City bikeways and greenways with existing and future routes in the region
- i. Create a bikeway loop for non-motorized transportation and recreation around Johnson City.
- j. **Incorporate bicycle facilities into the design and renovation of all new and existing city parks—bike facilities at parks should include parking facilities.**
- k. Create a comprehensive bicycle network that links parks in Johnson City.
- l. Provide secure storage facilities at destination points—bike parking **should be** included in all **existing and** new city buildings.
- m. Provide adequate landscaping around greenways for improved aesthetic appearance.

Education, Safety, & Public Awareness

- n. Develop public information programs to promote the awareness and use of a bikeway and greenway network.
 - o. Promote the safe operation of bicycles and vehicles—share the road campaign.
 - p. Provide educational programs for all school levels and the public at large to increase the safety of bicycling and walking.
 - q. Promote increased respect between and proper use by motorized and non-motorized users of roads, bikeways, and greenways—share the road campaign.
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- r. Increase protection for individuals on bikeways and greenways through lighting improvements and increased signage.

Participation

- s. Enlist the help of individuals, businesses, and civic clubs in the development, promotion, and maintenance of bikeways and greenways.
- t. Promote tourist use of the bikeway and greenway network—brochures/guides to hotels, Chamber of Commerce, and display racks at restaurants.
- u. Promote family use of the bikeway and greenway network—send information/brochures to schools.

Environment

- v. Establish a bikeway and greenway network that enhances the environment through reduced auto emissions, better storm water management, and land conservation—encourage trails in floodplains, and conservation areas.
- w. Ensure perpetual maintenance of bikeways and greenways and related facilities.

Funding

- x. Adequately fund, through the City's annual budget, the creation, maintenance, and expansion of a network of bikeways and greenways in Johnson City through all available public and private sources.

Policies

Policy 3.3.1: It is the policy of the city to retrofit designated existing streets to support safe, non-motorized transportation.

Policy 3.3.2: It is the policy of the city to incorporate safe and convenient bikeways into the design of all new and reconstructed collector and arterial streets within the city.

Policy 3.3.3: It is the policy of the city to ensure that its bikeway and greenway network provides connections to high-use areas and destination points and is accessible to all areas of the city where feasible.

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Policy 3.3.4: It is the policy of the city to utilize **abandoned railroad tracks** **railbanking** in the development of bicycle/pedestrian multi-use trails.

Policy 3.3.5: It is the policy of the city to eliminate barriers to non-motorized transportation and recreation **while also meeting ADA specifications.**

Policy 3.3.6: It is the policy of the city to connect the city’s bikeway and greenway network with routes throughout the region, both existing and future.

Policy 3.3.7: It is the policy of the city to develop a bicycle loop for non-motorized transportation and recreation around the city.

Policy 3.3.8: It is the policy of the city to incorporate bicycle facilities into the design and renovation of new and existing city parks.

Policy 3.3.9: It is the policy of the city to promote the safe operation of bicycles and motorized vehicles through educational programs for motorists and for all school children, with special consideration given to the program developed by the League of American Bicyclists.

Policy 3.3.10: It is the policy of the city to evaluate the economic impact of bikeway and greenway usage in the hopes that future funding sources can be identified and justified.

Policy 3.3.11: It is the policy of the city to ensure that signage is properly placed and maintained along all designated bikeway/greenway routes.

Policy 3.3.12: It is the policy of the city of Johnson City to enforce all rules and regulations governing the proper use of its streets, bikeways, and greenways by motorized and non-motorized users.

Policy 3.3.13: It is the policy of the city of Johnson City to increase the use of Police Officers on bicycle patrol on existing streets and **future** bikeways and greenways.

Policy 3.3.14: It is the policy of the city of Johnson City to seek legislation, where necessary, for the protection of individuals on bikeways and greenways.

Policy 3.3.15: It is the policy of the city of Johnson City to improve the aesthetic appearance of greenways through enhanced landscaping.

Policy 3.3.16: It is the policy of the city of Johnson City to enlist the aid of individuals, businesses, and civic clubs in the development, promotion, funding, and maintenance of bikeways and greenways.

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Policy 3.3.17: It is the policy of the city of Johnson City to promote awareness of its bikeway and greenway network for tourist attraction and use.

Policy 3.3.18: It is the policy of the city of Johnson City to promote use of its bikeway and greenway network by all its residents.

Policy 3.3.19: It is the policy of the city of Johnson City to amend all appropriate regulations, codes, and ordinances to require that provisions for bicyclists and pedestrians be provided, including, but not limited to, requirements for bicycle parking, sidewalks, and additional green space.

Policy 3.3.20: It is the policy of the city of Johnson City to ensure adequate maintenance of all bikeways, greenways, and related facilities.

Policy 3.3.21: It is the policy of the city of Johnson City to adequately fund the creation of a bikeway and greenway network through available federal, state, local, and private funding sources.

Policy 3.3.22: It is the policy of the city of Johnson City to ensure that end-of trip facilities are available at all destination points.

Policy 3.3.23: It is the policy of the city of Johnson City to support bikeway and greenway funding in its annual capital improvements budget.

Policy 3.3.24: It is the policy of the city of Johnson City to seek the assistance of the local community to donate land, easements, and time to help develop and sustain a network of bikeways and greenways.

Policy 3.3.25: It is the policy of the city of Johnson City to promote bicycle and non-motorized use by supporting training courses, conferences, publications, and in-house training on a regular basis to educate planning and engineering professionals about the specifications for bikeway and greenway design.

Policy 3.3.26: It is the policy of the city of Johnson City to draw comparisons with other communities and to utilize organizations such as the League of American Bicyclists to evaluate the progress of bicycle development in Johnson City.

Policy 3.3.27: It is the policy of the city of Johnson City to develop public information programs to promote the awareness and use of its bikeway and greenway network.
