

Attachment A: 2013 City of Wichita Transportation Enhancement Project Scopes

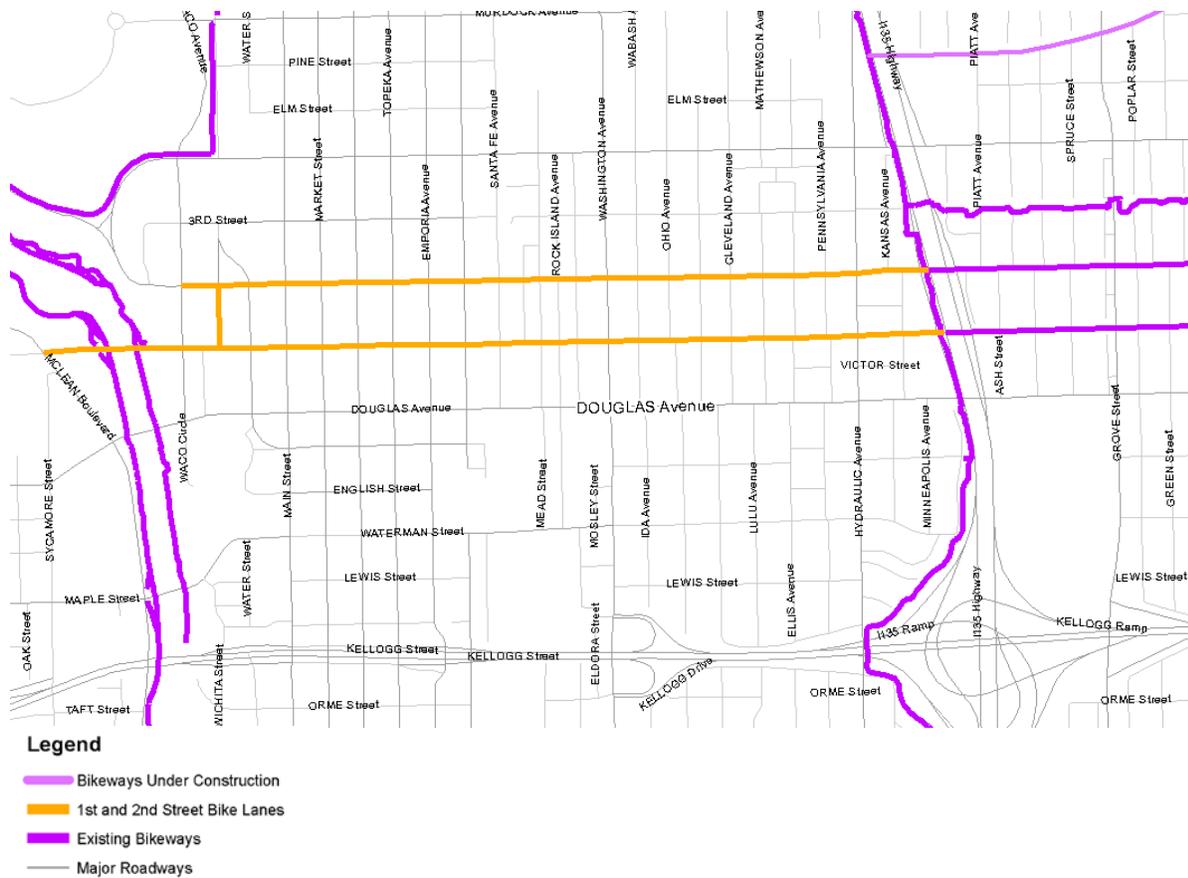
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Pedestrian and Bicycle Category Projects

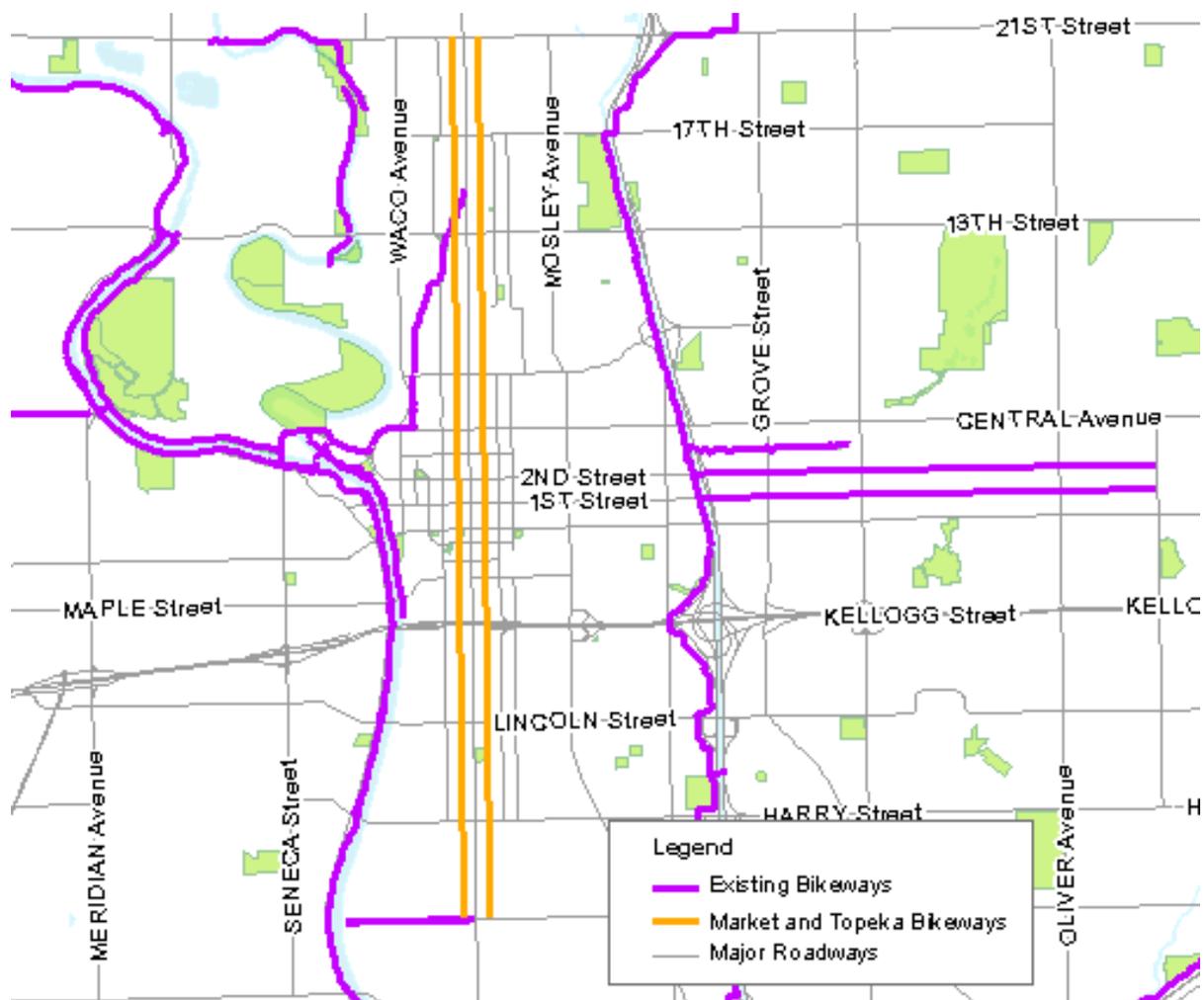
1st and 2nd Street Bike Lanes

This project would utilize approximately \$124,872 of Transportation Enhancement funding and \$41,624 of local funding to develop approximately 4.6 miles of 5' on-street bike lanes on the one-way couplet roadways of 1st St and 2nd St from the Arkansas River to the bike lanes east of I-135 (marked in 2010 from Edgemoor to I-135); the one-way roadway Wichita St (between 1st and 2nd Street); and the two-way roadway 2nd St from Wichita St west to McLean Boulevard. The 5' on-street bike lanes will be accomplished by reducing the travel lanes and/or removing the on-street parking. Development of the bike lanes will include, but not limited to, adding necessary signage, wayfinding, removing striping, applying new striping, and adding bike lane symbols.



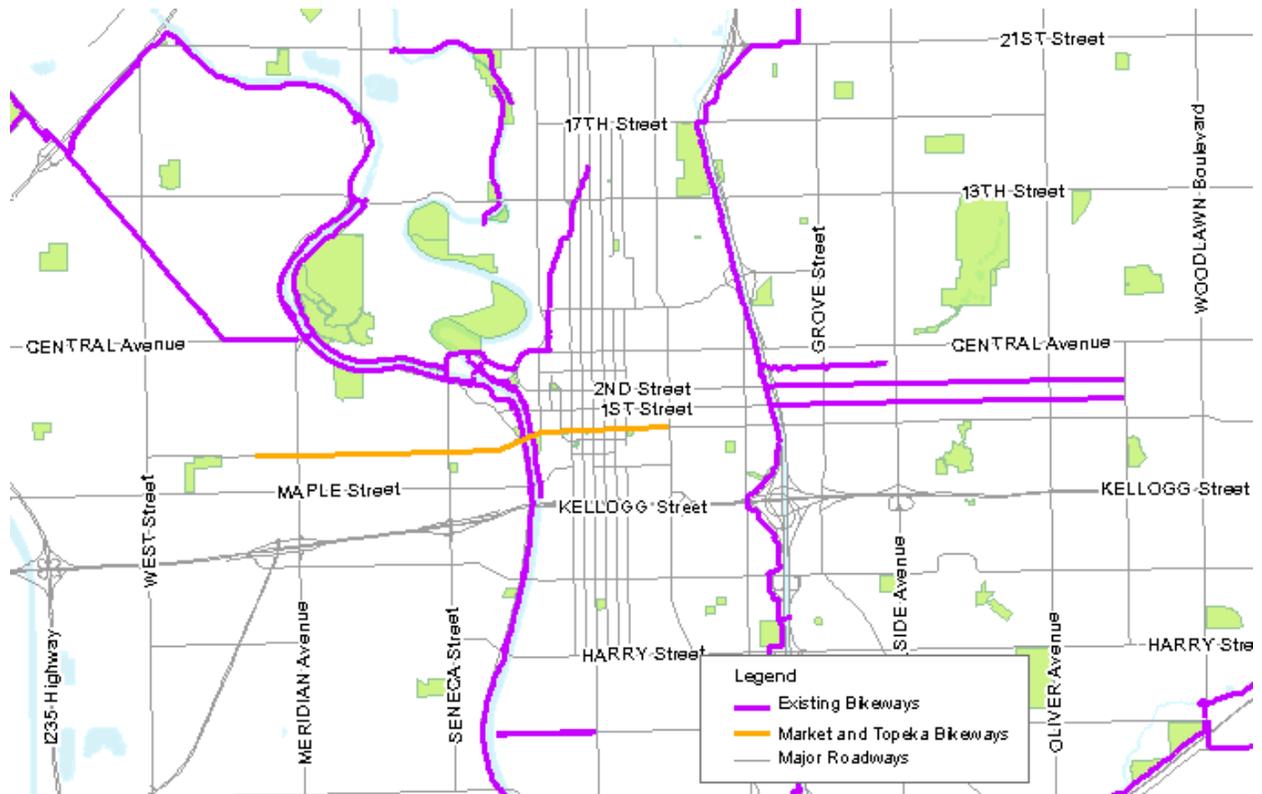
Market Street and Topeka Avenue Bike Lanes and Shared Lane Markings

This project will utilize \$377,420 of Transportation Enhancement funding and \$125,807 of local funding to develop approximately 9 miles of 5' on-street bicycle facilities on the one-way roadways of Market Street (northbound) and Topeka Avenue (southbound) from 21st Street to Mount Vernon Road. The majority of the bicycle facilities will consist of bike lanes with the remaining portions consisting of shared lane markings. The bicycle facilities will connect to the proposed 1st and 2nd Street on-street bike lanes, the proposed 17th & 18th Street shared lane markings and the future on-street bike lanes on Mt. Vernon. The paths will also connect to the existing Riverside Multi-use Path terminating near 15th & Broadway.



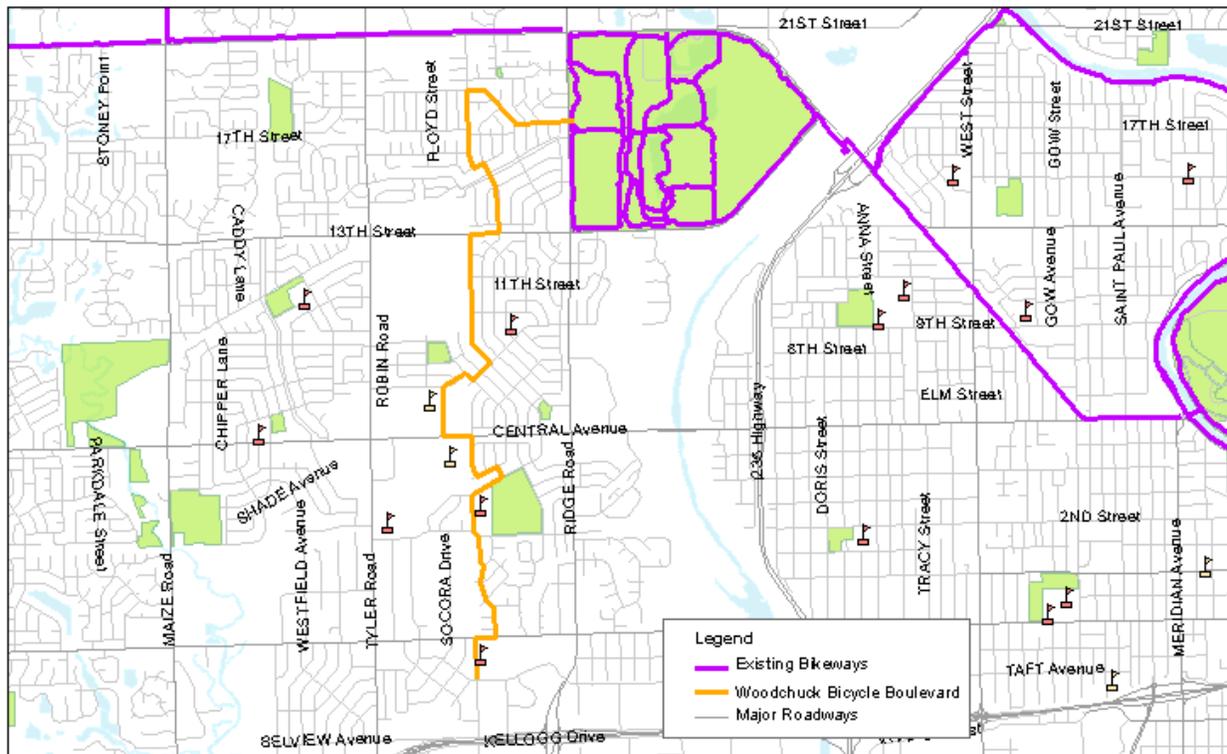
Douglas Avenue Bike Lanes and Shared Lane Markings

This project will utilize \$51,027 of Transportation Enhancement funding and \$17,009 of local funding to develop approximately 1.3 miles of 5' bike lanes on Douglas Avenue from St. Paul Avenue to Seneca Street and 1.5 miles of shared lane markings on Douglas Avenue from Seneca Street to Washington Avenue. This proposed project will connect to the proposed on-street bike lanes on 1st and 2nd Streets as well as connect to the existing Arkansas River paths.



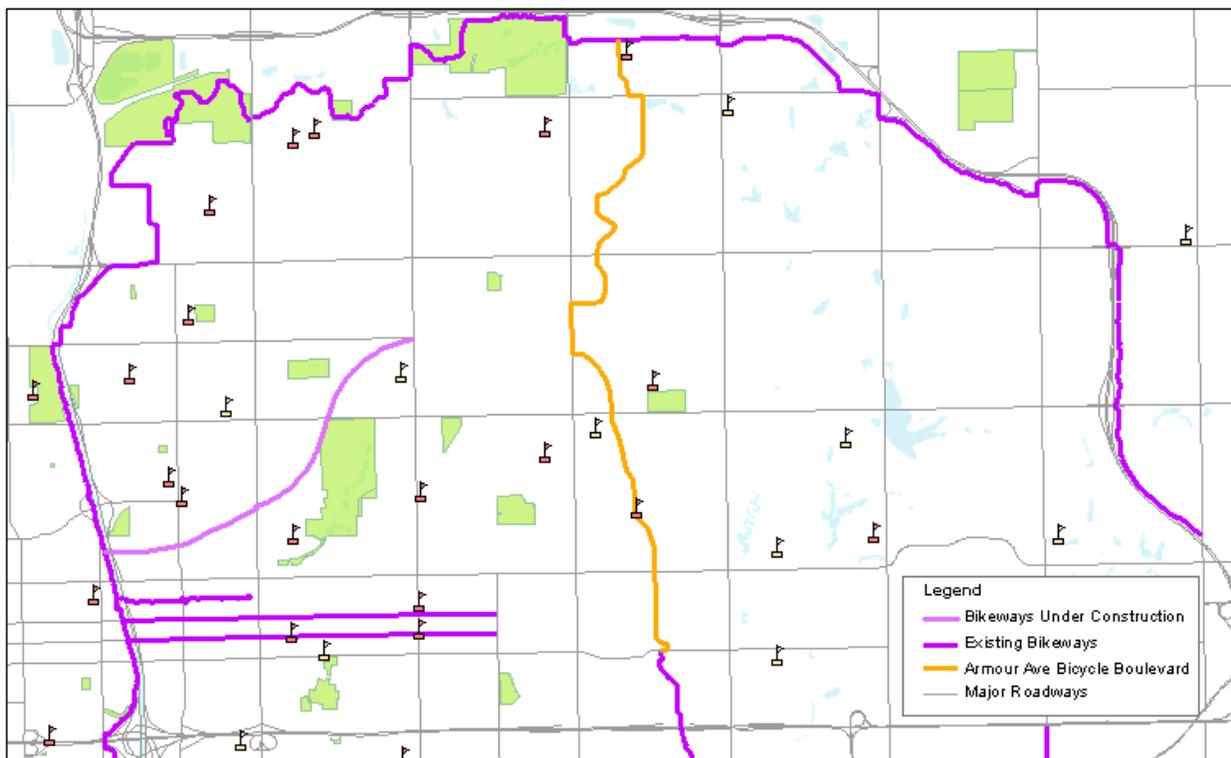
Woodchuck Bicycle Boulevard

This project will utilize \$466,194 of Transportation Enhancement funding and \$155,398 of local funding to develop a 4.5-mile long bicycle boulevard from the Sedgwick County path network to University Avenue. The development of the bicycle boulevard will include a signalized bicycle and pedestrian crossing at Ridge Road near Westport; installation signage; installation of shared lane markings; and may include traffic calming improvements. The design will utilize existing signalized crosswalk at 13th & Denmark, the existing signalized intersection at Central & Socora, and the existing signalized crosswalk at Maple & Woodchuck.



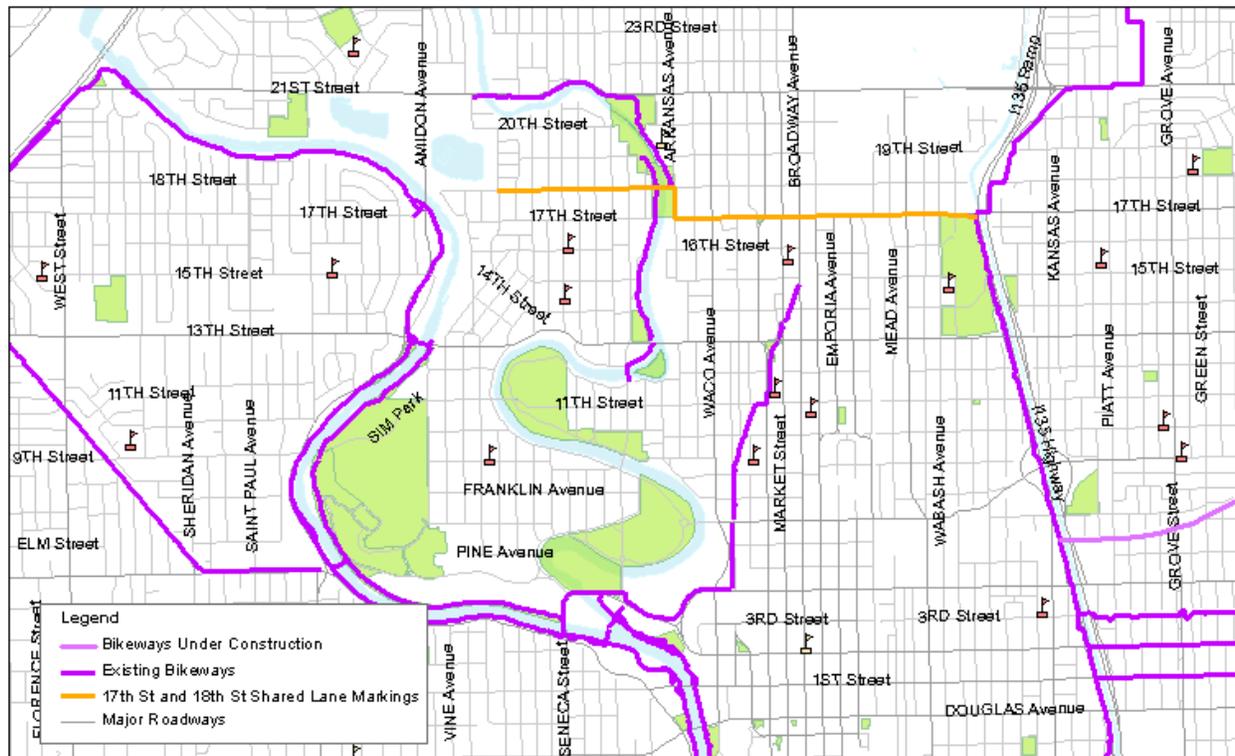
Armour Street Bicycle Boulevard

This project will utilize \$486,914 of Transportation Enhancement funding and \$162,305 of local funding to develop a 4.7-mile long bicycle boulevard from the northern terminus of the Gypsum Creek Path at the intersection of Douglas Avenue and Armour to the K-96 Path. The development of the bicycle boulevard will include a bicycle and pedestrian crossing at 21st Street; installation signage ; installation of shared lane markings; and may include traffic calming improvements. The project design will utilize the existing pedestrian crosswalk at 29th & Gouverneur, 13th & Stratford, Central & Armour and the signalized intersection of Douglas & Towne East Mall Drive.



17th Street, 18th Street, Woodrow, and Porter Shared Lane Markings

This project would utilize \$30,813 of Transportation Enhancement funds and \$10,271 of local funds to develop a 2 miles of shared lane markings along 17th Street and 18th Street from the I-135 Canal Route Path to the bicycle route along Porter Avenue; and to install shared lane markings on Porter and Woodrow from 18th St to 21st St.



Delano West Douglas Avenue Bicycle Parking

This project would utilize \$11,924 of Transportation Enhancement funding and \$3,975 of local funding to purchase and install bicycle parking in Delano and Downtown Wichita. The primary focus of the project will be to purchase and install the bicycle parking consistent with Phase II of the Delano West Douglas Avenue Bicycle Parking Plan (2011). The Phase II bicycle parking improvements consists of installing 24 public bicycle racks within the street right-of-way amenity zone along the sidewalk in select areas from Vine Street to McLean Boulevard. After bidding the project, any remaining project funding will be utilized to purchase and install public bicycle racks within Downtown Wichita consistent with the Downtown Wichita Streetscape Design Guidelines (2010).



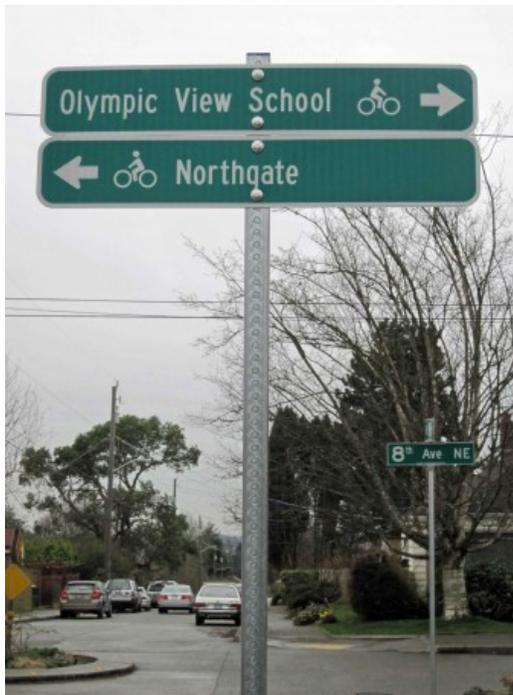
Wichita Bicycle and Pedestrian Education Activities

This project would utilize up to \$1,000,000 of Transportation Enhancement funding and \$250,000 of local funding to provide bicycle and pedestrian education in Wichita. Examples of the education efforts include the best techniques and methods for riding a bicycle or walking around town; how to operate a motor vehicle to increase bicycle and pedestrian safety; and special events involving bicycling and walking. Engaging and educating community members will be done through a variety of print, radio, social media and web advertisements.



K-96 Path Wayfinding

This project will utilize \$28,619 of Transportation Enhancement funding and \$9,539 of local funding to purchase and install wayfinding signage along the K-96 Path from Grove Park to the intersection of K-96 and Central Avenue. The wayfinding signage will provide guidance to path users for the location of the path and for designations that are accessible from the path.



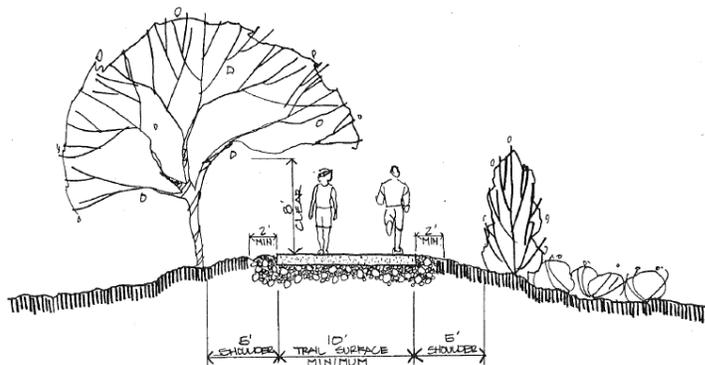
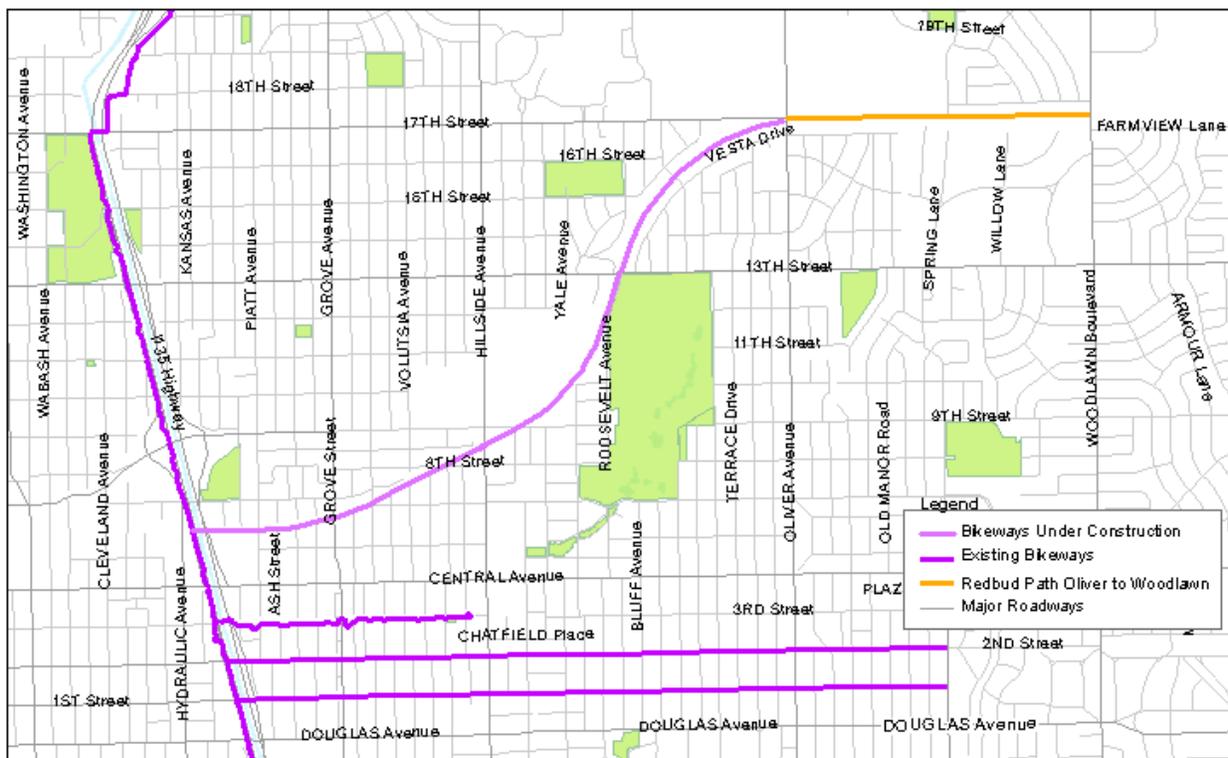
Path and Roadway Intersection Signs

This project will utilize \$15,263 of Transportation Enhancement funds and \$5,088 of local funding to purchase and install signs (advanced and crossing) near the intersection of roadways and paths within the City of Wichita (approximately 20 locations). The signs will alert motor vehicles to the presence of the path in order to increase awareness of the path system and to improve safety at the crossing.



Redbud Shared Use Path from Oliver Avenue to Woodlawn Avenue

This project will use \$496,243 of Transportation Enhancement funding and \$165,414 of local funding to develop 1 mile of the Redbud Path, a shared-use path in the City railbanked former railroad corridor. This Path would extend from the east terminus of the existing Redbud Path near the intersection of Oliver Avenue and 17th Street to Woodlawn Avenue. This project will construct a 10' concrete shared-use path; install appropriate signage; install limited landscaping; and install a limited amount of path resources (benches, lighting, etc.).

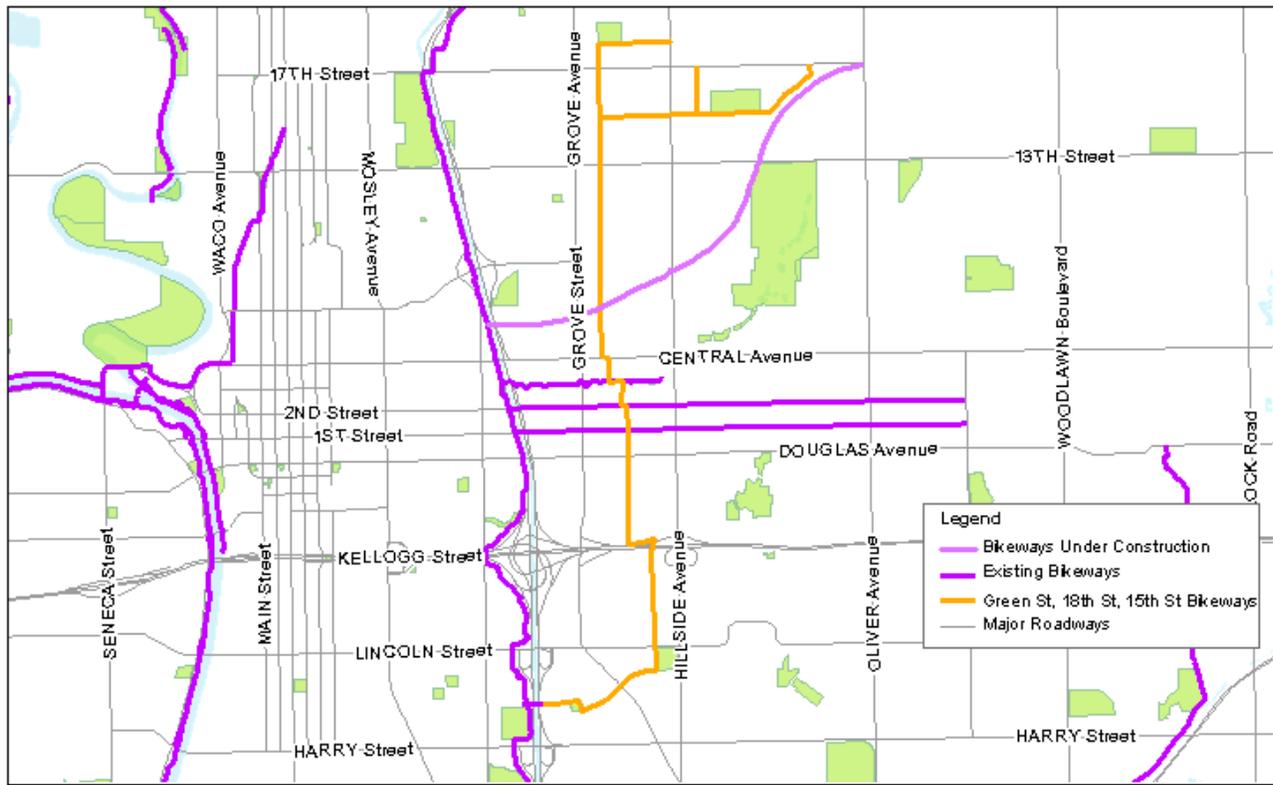


Green Street / Volutsia / Chautauqua Avenue / 15th Street Shared Lane Markings; Volutsia Avenue and 18th Street Bicycle Boulevards

This project will utilize \$114,693 of Transportation Enhancement funds and \$38,231 of local funds to develop 6 miles of bikeways that connect the newly completed Redbud Path to the Wichita State University campus; a north-south bicycle facility providing bicycle access to areas of Wichita where significant portions of the population report lacking access to a vehicle; and enhanced access to pedestrian bridges crossing two major highways in Wichita.

The north-south bikeway will consist of shared lane markings along Green Street, Estelle Avenue, Volutsia Avenue, and Chautauqua Avenue from 18th Street to Lincoln Street including the use of the pedestrian bridge over Kellogg near Chautauqua Avenue. The bikeway will continue as a bicycle boulevard on Chautauqua Avenue, Menlo Drive, Schweiter Drive, and Riviera Street from Lincoln Street to the pedestrian bridge over I-135 connecting to the I-135 Canal Route Path.

The east west connections will consist of shared lane markings on 15th Street and Regents Lane from 17th Street to Green Street, and a bicycle boulevard on 18th Street from Green Street to the WSU campus at Hillside Avenue. A bicycle boulevard will connect 15th Street to the WSU campus at 17th Street.



Sycamore Street Bicycle Boulevard

This project will utilize \$27,664 of Transportation Enhancement funding and \$9,221 of local funding to install 2 miles of shared lane markings starting at the intersection of Sycamore Street and Douglas Avenue (intersecting with the proposed bike lanes on Douglas), and traveling south to Glenn Street via Dayton Avenue, Osage Street, McCormick Avenue, Dodge Avenue and Orient Boulevard. This facility will extend on-street bicycle facilities into southwest Wichita. The southern terminus of the facility will be at the intersection of Orient Boulevard and Glenn Avenue, where people on bicycles can utilize Glenn Avenue for travel north and south through southwest Wichita.

