

DRAFT Lenexa On-Road Bike Facility Recommendations 7/31/2019

Corridor/ Route	Street Name	From	To	Posted Speed	Destinations/Highlights	Short Term Facility	Long Term (Preferred) Facility	Miles	Comments/Action	Priority (TBD with staff input)	Ease of implementation (for long term facility)
A1	W. 83rd Street	City line (west)	Woodland Road	45 MPH	Major E/W connector, Freedom Fields, 3 & 2 Baseball Facilities, Shawnee Mission Park, City Center, residential neighborhoods, popular route for confident bicyclists	Paved Shoulder	Buffered bike lane or separated bike lane	4.8	Study feasibility to widen and pave shoulder (Shared Use Path also recommended for this corridor, drainage ditch close to road). Install buffered or separated bike lane when road is reconstructed. Bridge crossings TBD. Coordinate with Shawnee.		Medium
A2	W. 87th Street	Woodland Road	Ridgeview Road	45 MPH	Major E/W connector, Freedom Fields, 3 & 2 Baseball Facilities, Shawnee Mission Park, City Center, residential neighborhoods, popular route confident bicyclists	Paved Shoulder	Buffered bike lane or separated bike lane	1.16	Study feasibility to widen and pave shoulder (Shared Use Path also recommended for this corridor, drainage ditch close to road). Install buffered or separated bike lane when road is reconstructed. Bridge crossings TBD.		Medium
A3	W. 87th Street	Ridgeview Rd	Renner Boulevard	30 MPH	Part of broader 87th Street Corridor E/W Connector, City Center, School	Shared Roadway	Shared Roadway or Bike Lane	0.76	Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Provide clear signage and transition points for area where bicyclists are encouraged to take the lane. Evaluate traffic volumes and operations as area is completed to assess if all vehicle travel lanes are needed.		Easy
B1	Pickering St	W. 96th Terrace (Shard Use Path)	Canyon Creek Boulevard	25 MPH	Connects gap between bikeway on planned roadway and neighborhood/trail system	Bike Boulevard	Bike Boulevard	0.24	Paint with Sharrows or Bike Boulevard symbol. Provide wayfinding to trail.		Easy
B2	99th Street	Canyon Creek Boulevard	W 99th/W 101st St (New Roadway)	35 MPH	Connects gap between bikeway on planned roadway and neighborhood/trail system	Bike Boulevard	Bike Lane	0.16	Paint with Sharrows or Bike Boulevard symbol. Restripe to tie into bike lanes when 101st St extension is completed. Determine exact alignment and facility in coordination with new roadway design.		Easy

C	99th Street / 101st Street Extension (Planned Roadway)	Pickering St	Prairie Creek Road	35 MPH?	(Planned Roadway) E/W Connector across K-7	Bike Lane	Buffered bike lane or separated bike lane	2.14	Design new 99th St/101st St planned roadway to include buffered bike lanes. Bridge crossings TBD.		Easy
D1	Ridgeview Road (Under Construction)	K70	Prairie Star Parkway	40 MPH	(Under Construction) Major N/S connection between Olathe Soccer Complex, commercial area/hotel and Lenexa City Center/Shawnee Mission Park	None (Shared Use Path planned)	Bike Lane	1.09	Currently under construction to have wide outside lanes with parallel sidepath, but heavy truck traffic anticipated. Evaluate traffic volumes as construction is completed to analyze if bike lane is needed.		Medium
D2	Ridgeview Road (Planned Roadway)	Prairie Star Parkway	87th Street	35 MPH	(Planned Roadway) Major N/S connection between Olathe Soccer Complex, commercial area/hotel and Lenexa City Center/Shawnee Mission Park	Bike Lane	Buffered bike lane or separated bike lane	1.1	Incorporate buffered bike lane or separated bike lane into design of future roadway. Keep speeds to 35 MPH if possible.		Easy
D3	Ridgeview Road	87th Street	Barkley Drive	25 MPH?	Connects City Center to Shawnee Mission Park	Shared Roadway	Shared Roadway	0.28	Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. in coordination with Johnson County (road in county jurisdiction).		Easy
E1	Maurer Rd	79th St	83rd St	30 MPH	N/S Connector to shared use paths, commercial areas, Electric Park, Sunflower Elementary, Ad Astra Park, McCauliffe Elementary	Bike Lane	Bike Lane	0.51	Add standard bike lane markings		Easy
E2	Maurer Rd	83rd St	87th St	30 MPH	N/S Connector to shared use paths, commercial areas, Electric Park, Sunflower Elementary, Ad Astra Park, McCauliffe Elementary	Shared Roadway	Bike Lane	0.52	Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. For long term study feasibility of 4- to 3-lane conversion to add bike lane.		Medium
E3	Maurer Ct/Loiret Blvd	87th St	95th St	30 MPH	N/S Connector to shared use paths, commercial areas, Electric Park, Sunflower Elementary, Ad Astra Park, McCauliffe Elementary	Shared Roadway	Bike Lane	1.15	Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding.		Easy
F	East Lenexa Bike Loop (Multiple Streets)	varies	varies	25 MPH	Provides a low-stress connection on mostly neighborhood streets from Old Town to shared use path system that connects to City Center and Parks	Bike Boulevard	Bike Boulevard	11.76	Paint with Sharrows or Bike Boulevard symbol, consider traffic calming or traffic diversion, add wayfinding. Where network crosses 87th St or other major roads, add/widen sidepath simultaneously to ensure safe connections and crossing across.		Easy

G1	Lackman Rd	North city limit	87th St	35 MPH-45 MPH	N/S connector and commercial corridor	Bike Lane	Buffered bike lane or separated bike lane	1.5	Interim: Add bicycle lanes by restriping to 3-10' lanes plus 2-4' bicycle lanes. Install buffered or separated bike lane when road is reconstructed. Bridge crossings TBD.		Difficult
G2	Lackman Rd	87th St	95th St	35 MPH-45 MPH	N/S connector and commercial corridor	Shared Roadway	Buffered bike lane or separated bike lane	3.14	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Install buffered or separated bike lane when road is reconstructed. Bridge crossings TBD.		Difficult
H1	Santa Fe Trail Drive	Quivira Rd	95th St	30 MPH-45 MPH	NE/SW connector to Old Town, Industrial parks, commercial areas, diagonal route provides more direct connections.	Bike Lane	Buffered bike lane or separated bike lane	1.98	Interim: add standard bike lanes. Add curbs where absent. Install buffered or separated bike lane when road is reconstructed.		Difficult
H2	Santa Fe Trail Drive	95th St	South City Limit	30 MPH-45 MPH	NE/SW connector to Old Town, Industrial parks, commercial areas, diagonal route provides more direct connections.	None	Buffered bike lane or separated bike lane	3.22	Install buffered or separated bike lane when road is reconstructed.		
I1	99th Street	Rosehill Rd	Quivira	25 MPH	Connects to Oak Park Mall and Overland Park	Shared Roadway	Bike Lane	1.42	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Widen road to install bicycle lane when road is reconstructed.		Difficult
I2	W 96th Terrace	Lenexa Rd	Monrovia Rd	35 MPH	Provides east/west connection between other proposed routes	None	Bicycle lane	0.36	Widen road to install bicycle lane when road is reconstructed.		
J	103rd Street	Pflumm	Quivira	30 MPH	Connects neighborhoods, Flat Rock Creek Park.	Shared Roadway	Buffered bike lane or separated bike lane	0.25	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Install buffered or separated bike lane when road is reconstructed, in coordination with Overland Park.		Difficult

K1	Monrovia	Santa Fe Trail Dr	85th St	30 MPH	On-street N/S connection alternative to Quivira Rd. Commercial and residential.	Shared Roadway	Bike Lane	0.72	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Add bike lane upon reconstruction.		Medium
K2	Monrovia	99th	Lenexa Drive	35 MPH	N/S connection east of Hwy 56. Commercial areas around Oak Park Mall and residential.	Shared Roadway	Bike Lane	0.73	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding, in combination with new sidewalks. Add Bike Lane upon reconstruction.		Medium
K3	Rosehill Rd	87th St Pkwy	Santa Fe Trail Drive	35 MPH	N/S connection to Santa Fe Trail Dr.	None	Bike Lane	0.44	Include Bicycle Lane when road is reconstructed.		
L	Lenexa Drive	87th St Pkwy	94th Terrace	35 MPH	On-street connection east of I-35. Commercial and residential. Connect to planned Overland Park routes.	Shared Roadway	Buffered bike lane or separated bike lane	1.05	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Include Buffered Bike Lane or Separated Bike Lane when road is reconstructed, in coordination with Overland Park.		Medium
M	Marshall Drive	79th Terrace	Santa Fe Trail Drive	30 MPH - 35 MPH	On-street alternative to Santa Fe Trail Drive. Commercial corridor.	Shared Roadway	Buffered bike lane or separated bike lane	4.24	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Include Buffered Bike Lane or Separated Bike Lane when road is reconstructed.		Medium
N	Multiple Streets	varies	varies	Varies	Routes used by highly confident bicyclists	Signed Route	Signed Route	14.54	Install "Bicycles May Use Full Lane" signage (NOTE: This is not considered an on-street bikeway; signage is provided on commonly used on-street routes where unsafe passing is of special concern.)		Easy
O1	79th Street	Renner Road	Lackman Road	35	East-west connection, alternative to 83rd St. Connects to parks and schools.	Bike Lane	Bike Lane	1	Add bicycle lanes by restriping to 2-11' lanes plus 2-5' bicycle lanes		Easy
O2	79th Street	Lackman Road	Pflumm Street	35	East-west connection, alternative to 83rd St. Connects to parks and schools.	Bike Lane	Bike Lane	1.01	Add bicycle lanes by restriping to 2-10' lanes plus 2-4' bicycle lanes with 2' curb and gutter		Easy

O3	79th Street	Pflumm Street	Quivira Road	35	East-west connection, alternative to 83rd St. Connects to parks and schools.	Shared Roadway	Bike Lane	1	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding. Include Buffered Bike Lane or Separated Bike Lane when road is reconstructed.	Medium
O4	79th Street	Quivira Road	Nieman Road	35	East-west connection, alternative to 83rd St. Connects to parks and schools.	Bike Lane	Bike Lane	0.5	Add bicycle lanes by restriping to 2-11' lanes plus 2-5' bicycle lanes.	Easy
P	Prairie Star Parkway	Renner Road	Western terminus	45	East-west connection, Residential and schools/	Shared Roadway	Shared Roadway	6.9	Interim: Add sharrow pavement markings, "Bicycle May Use Full Lane" signage, and wayfinding.	Easy

Approximate On-Road Mileage

70