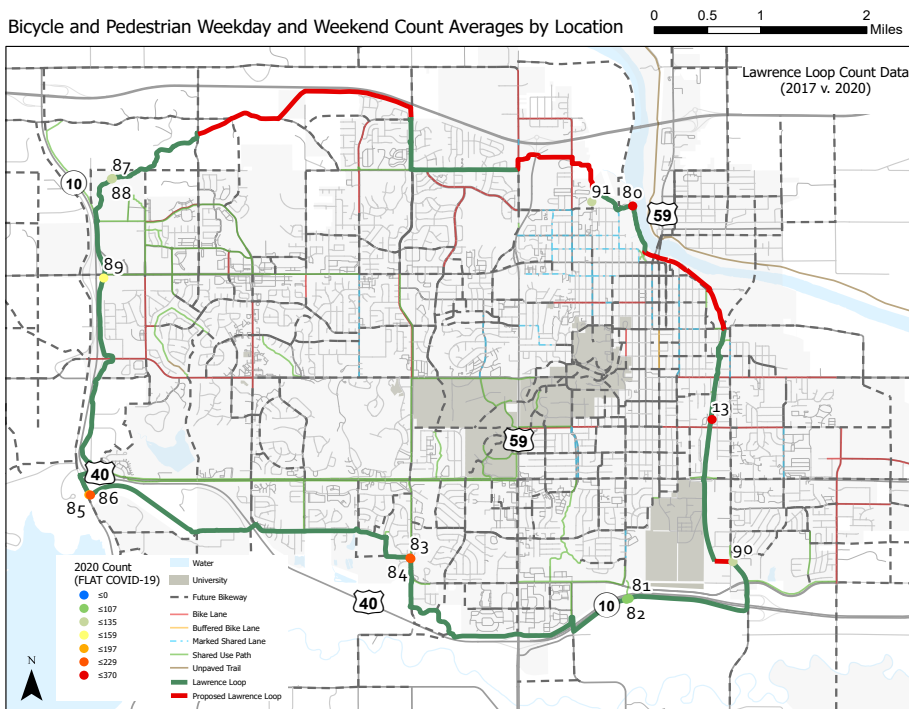


Lawrence Loop Bicycle & Pedestrian Counts 2017 v. 2020

People who bicycle and walk along the Lawrence Loop have reported a higher number of users on shared use paths and trails throughout the community since the start of the COVID-19 pandemic. Counts were taken using National Bicycle & Pedestrian Documentation Project methodology in June to explore the relationship between previous Lawrence Loop use and current use in 2020. Counts taken did not reflect clear increases in walking and bicycling trips overall, however they do indicate the times when users are most active has changed.

Comparing these counts allows the MPO to infer how COVID-19 may be impacting demand for bicycle and pedestrian infrastructure. As part of analysis, the MPO reviewed the temperatures of count days and projected average weekday and weekend data to understand their potential impacts on biking and walking trips. The count temperatures in 2017 were approximately between 50-79 degrees Fahrenheit. The 2020 count temperatures were approximately between 82-95 degrees Fahrenheit. The daily higher temperature differences are assumed to have affected bicycle and pedestrian turnout. In 2017, the weekend projected counts were higher than the 2020 counts, but conversely the 2020 weekday counts were higher.

To further expand understanding of the impacts of COVID-19 on Loop usage, additional counts will be collected via automated counters. The counters are placed from sunup to sunset, capturing 12 hours of counts per day, more than the three-two hour counts conducted during the manual count. Reviewing the 12-hour data will enable analysis to be conducted to decide if the three-two hour count windows are the appropriate time to be counting bicycle riders and pedestrians. Furthermore, these counts will allow the MPO to validate the manual counts' data. Listed below is a map of the Lawrence Loop and a table with count data from both years and a change analysis comparing the two years of counts. For more information regarding previous bicycle and pedestrian counts and to view them in an interactive map, visit <https://lawrenceks.org/mpo/bikepedcount>.



Count Day Temperature Variation

2017 v. 2020

50°	82°
Low	Low
79°	95°
High	High



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Lawrence Loop Locations	2017 Average Weekday	2020 Average Weekday	% Change
#13, Burroughs Creek Trail near 19th St.	318	463	45%
#80, Burcham Park, River Trail	417	446	7%
#81, SLT/Louisiana St. (East)	105	118	13%
#82, SLT/ Louisiana St. (West)	131	118	-10%
#83, Kasold Dr SUP/Green Meadows Park (West)	223	299	34%
#84, Kasold Dr SUP/ Green Meadows Park (South)	223	279	25%
#85, Sanders Mound SUP/SLT SUP (NE)	233	249	7%
#86, Sanders Mound SUP/SLT SUP (NW)	53	184	250%
#87, Baldwin Creek SUP & Rock Chalk Park Trail (NE)	125	167	34%
#88, Baldwin Creek SUP & Rock Chalk Park Trail (SW)	98	148	50%
#89, K10 SUP (S. of 6th)	82	190	132%
#90, Haskell Ave SUP & E. 29th St.	118	158	33%
#91, Outside for a Better Inside SUP (End of Maine St)	276	144	-48%
Total	2,402	2,963	

Higher projected count

2017 Average Saturday	2020 Average Saturday	% Change
254	204	-20%
271	171	-37%
210	66	-68%
232	83	-64%
326	105	-68%
309	138	-55%
354	105	-70%
199	243	22%
144	77	-46%
144	94	-35%
50	99	100%
166	61	-63%
111	105	-5%
2,769	1,553	