

# 2018 Bicycle Boulevard Projects



Consider authorizing the City Manager to execute a contract with Alta Planning + Design for the design of the 21<sup>st</sup> Street and 13<sup>th</sup> Street Bicycle Boulevard Project (CIP# CI09 and PW17E8)

# Bicycle Route vs Bicycle Boulevard

## ➤ Bicycle Route

- A shared street with bike route signs that is used to connect additional routes on the network
- Lower volume streets that follow the same general corridor as a more heavily traveled street
- Examples: Harvard, Harper, Trail, Yale

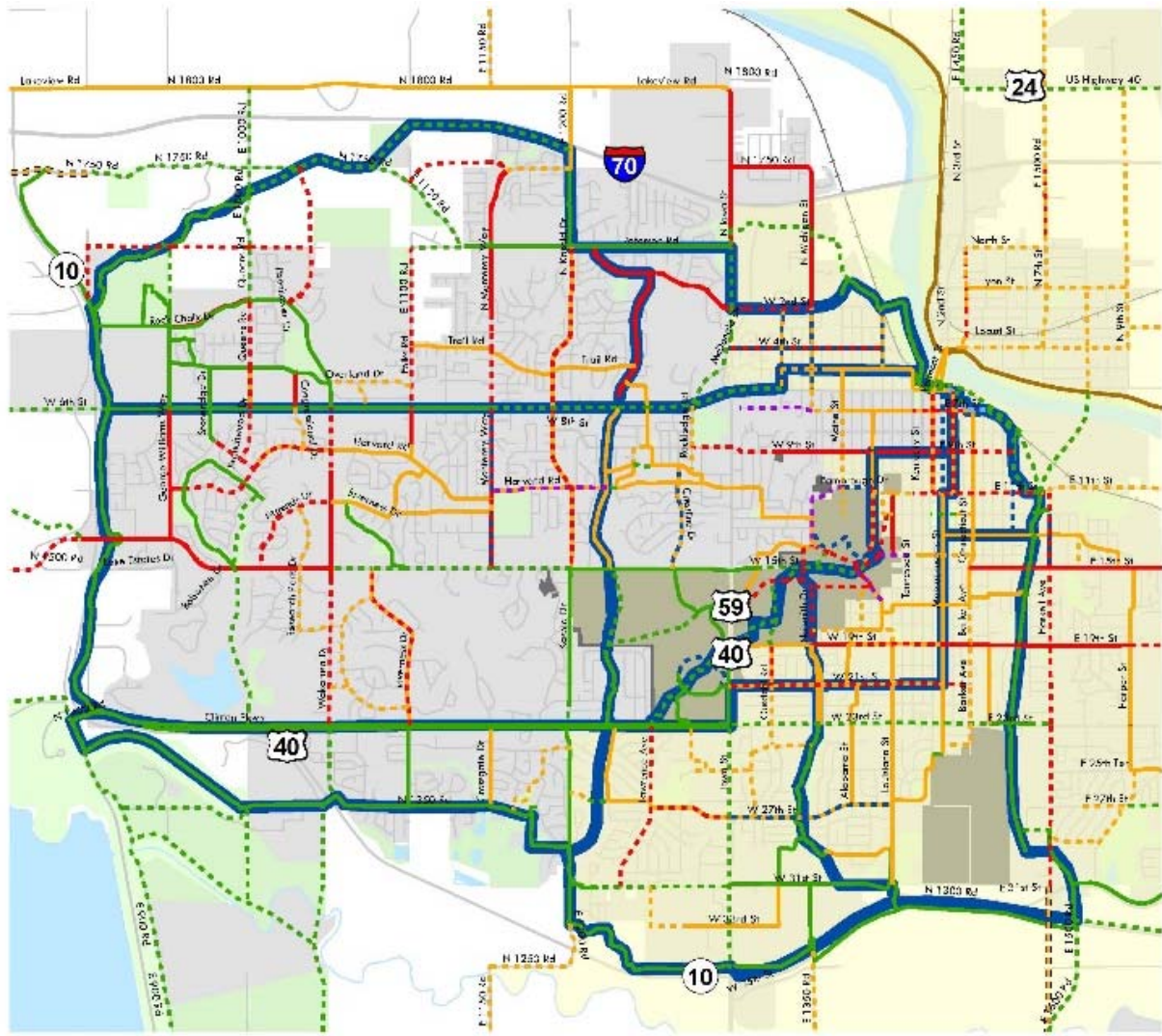
## ➤ Bicycle Boulevard

- A shared street that has been optimized for bicycle travel
- Low motorized vehicle volume, low speed
- Discourage cut-through travel but allow local motor vehicle travel

Both of these along with bike lanes, buffered bike lanes, cycletracks, and shared use paths form a comprehensive bicycle network

# History of 13<sup>th</sup> St and 21<sup>st</sup> St Bike Facilities

- 1999 Planned Bikeway Map shows both segments as an existing bike route
- Every Bike Plan update since then has included these segments as bike routes
- The current Countywide Bikeway System Plan (2014) lists these as current bike routes and identifies 21<sup>st</sup> to have future bike lanes
- The Pedestrian Bike Issues Task Force (PBITF) Report in 2016 included a recommendation to develop a highly visible network of bicycle boulevards.
  - Both 21<sup>st</sup> St and 13<sup>th</sup> St were listed as routes that should be prioritized for development.



0 0.5 1 Miles

N

<b>Existing Bikeways</b>	<b>Proposed Bikeways</b>	<b>Other Symbols</b>
<ul style="list-style-type: none"> <li><span style="color: red;">—</span> Bike Lane</li> <li><span style="color: orange;">—</span> Bike Route</li> <li><span style="color: green;">—</span> Recreational Trail</li> <li><span style="color: blue;">—</span> Shared Use Path</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: red;">- - -</span> Bike Lane</li> <li><span style="color: orange;">- - -</span> Bike Route</li> <li><span style="color: green;">- - -</span> Bike Route with Shared Shoulder</li> <li><span style="color: blue;">- - -</span> Shared Use Path</li> <li><span style="color: purple;">- - -</span> Changing Lane</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">- - -</span> Cycle Track</li> <li><span style="color: blue;">- - -</span> Shared Lane Marking</li> <li><span style="color: blue;">- - -</span> Shared Use Path</li> <li><span style="color: blue;">- - -</span> Street</li> <li><span style="color: blue;">- - -</span> Boulevard</li> <li><span style="color: blue;">- - -</span> City Limits</li> <li><span style="color: blue;">- - -</span> Environmental Land Use Zone</li> <li><span style="color: blue;">- - -</span> PBIF Priority Network</li> <li><span style="color: blue;">- - -</span> Water Feature</li> <li><span style="color: blue;">- - -</span> Parks</li> <li><span style="color: blue;">- - -</span> University</li> </ul>

Sources: Countywide Bikeway System Plan (2014),  
 Pedestrian Bike Issues Task Force (PBIF) (2016) &  
 Lawrence Loop Alignment Study (2017)  
 Produced: Lawrence-Douglas County MPO (2017)

# 13<sup>th</sup> St Traffic Calming

- February 2006: Traffic Safety Commission recommended approval of traffic calming on 13<sup>th</sup> St from Connecticut to Haskell
- March 2006: City Commission unanimously approved project and referred the request to the 2007 budget consideration process
- Project sat on the list unfunded for the next decade
- June 2016: Public Works staff recommended \$32,000 in traffic calming funds for speed humps
  - Public comment encouraged denial because it was not sufficient funding for a bicycle boulevard. City Commission removed it from the list due to lack of adequate funding levels.

# Funding Recommendations

- ▶ Staff used the Non-motorized Projects Prioritization Process to rank all of the bicycle projects on the priority network. 21<sup>st</sup> St and 13<sup>th</sup> St both ranked highly
- ▶ The recommended 2018 Traffic Calming Projects list included \$100,000 for a bicycle boulevard on 13<sup>th</sup> St from Massachusetts to Haskell; recommended for approval by Transportation Commission in March 2018
- ▶ In April 2018 a spending plan for bicycle, pedestrian and ADA ramp funds was recommended for approval by Transportation Commission; included bicycle boulevards on 21<sup>st</sup> St from Iowa to Massachusetts and Lawrence Ave from Harvard to Bob Billings

# Previous City Commission Actions

## 21<sup>st</sup> Street Bicycle Boulevard

- 2018 Bike/Ped/ADA spending plan (May 15, 2018; approved)
- Main Trafficway ordinance (1<sup>st</sup> reading) for 21<sup>st</sup> St (May 15, 2018, approved)
- Main Trafficway ordinance (2<sup>nd</sup> reading) for 21<sup>st</sup> St (Jun 5, 2018, approved)
- Resolution for issuance of GO Bonds for 21<sup>st</sup> St & Lawrence Ave (Jun 12, 2018; pulled for discussion, approved with Lawrence Ave removed)

## 13<sup>th</sup> Street Bicycle Boulevard

- 2018 Traffic Calming List (Jun 12, 2018; pulled for discussion, approved)
- Main Trafficway ordinance (1<sup>st</sup> reading) for traffic calming (Jun 12, 2018, approved)
- Main Trafficway ordinance (2<sup>nd</sup> reading) for traffic calming (Jun 19, 2018, pulled for discussion and deferred)
- Main Trafficway ordinance (2<sup>nd</sup> reading) for traffic calming (Jul 10, 2018, explained main trafficway requirement, approved)
- Resolution for issuance of GO Bonds for 2018 Traffic Calming (Jul 17, 2018, approved)

# Contract Scope

## ➤ Community Engagement

- Inform/Engage Residents -Flyers mailed to adjacent residents, email messaging, contact neighborhood associations and businesses affected, meet with school district
- Neighborhood Meetings (1-2 per location) to discuss neighborhood issues and to educate the neighborhood on bicycle boulevards
- Pop-up demonstration of potential traffic calming applications to educate the public and collect feedback from residents
- City webpage and Lawrence Listens survey

## ➤ Conceptual Design

- Identify opportunities that fit neighborhood context
- Wayfinding options
- Prepare conceptual design and present to Transportation Commission and City Commission for feedback

## ➤ Final Design

- Prepare final design for construction