

Multimodal Planning Studies



Transit and Pedestrian Accessibility Study

Steering Committee Meeting #3

August 7, 2013



Agenda

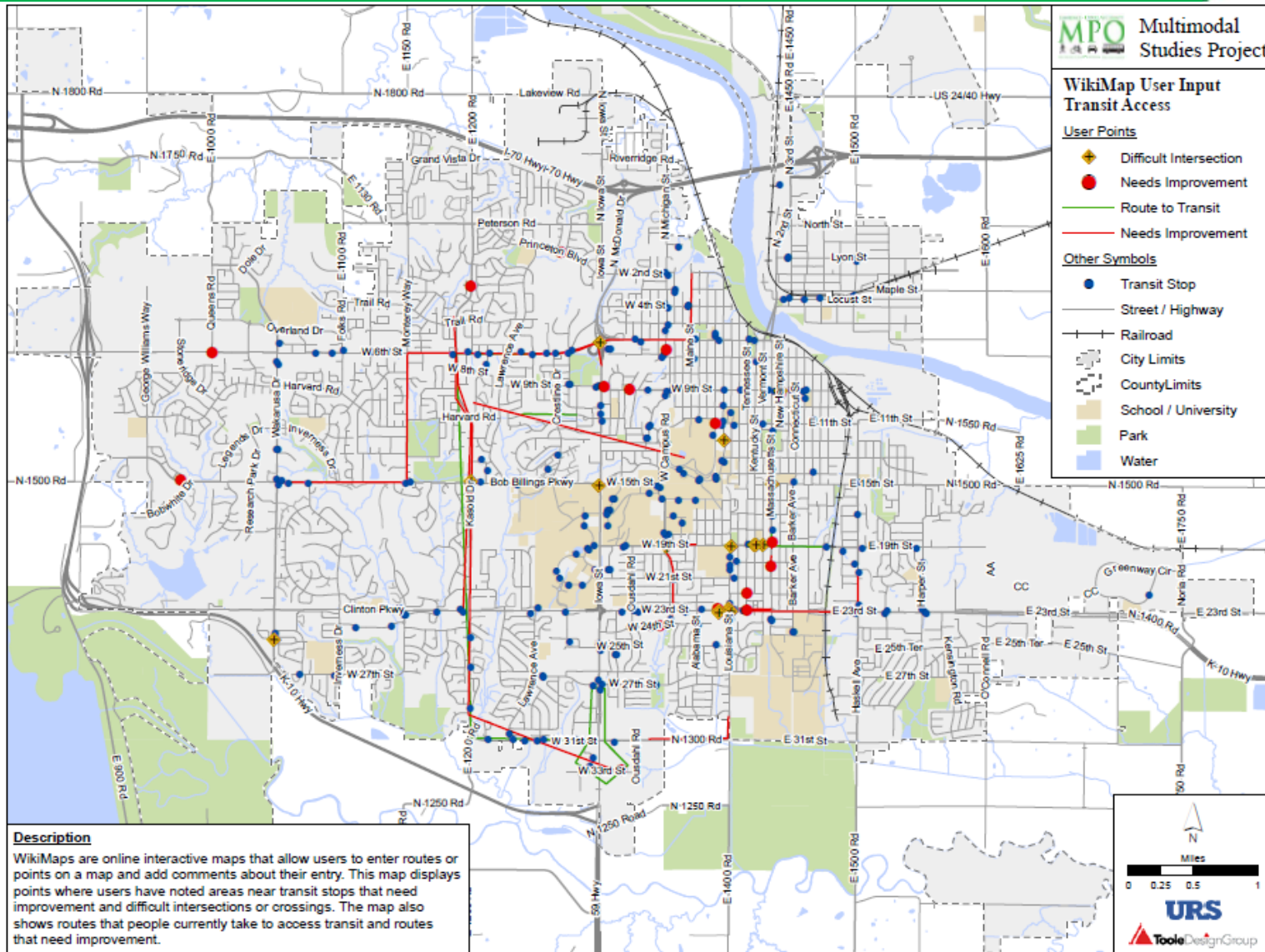
1. Project Schedule
2. Summary of Outreach Activities
3. Recap of June 2013 Steering Committee Meeting
4. Evaluation Criteria / Revised Heat Map
5. Targeted Areas
6. Upcoming Tasks

Project Schedule



- Online Survey (begin mid-August)
- September 18, 2013 – Steering Committee Meeting
- October 8 - 9, 2013 – Open House; Steering Committee Meeting

Outreach – WikiMap Summary



Online Mapping Comments

Areas that need improvement

- Sidewalk that goes down 9th street doesn't lead to stop light--instead jogs down the access driveway between the gas stations. A person trying to access the stop on the west side of Iowa would need to pass through the gas station to access the crossing.
- Need sidewalks on this block--either side!
- Sidewalk on north side of 9th street deadends at a point not safe to cross to the other side.
- Another sidewalk dead end (24th and Naismith), requiring pedestrians to cross near a blind corner.
- Very popular bus stop but often there is not enough seating for people who have clearly just finished shopping. Needs shade or bigger shelter.
- Very wide, difficult for pedestrians
- Finish sidewalks along Princeton to connect with Iowa St.
- Build sidewalks from Peterson Road to 6th Street
- There is no sidewalk on the north side of 23rd Street, from Ohio to Massachusetts. It is impossible to safely cross over to the other side of 23rd street to access the sidewalk.
- There are not contiguous sidewalks on both sides of Tennessee Street between 23 and 19th -- people commonly have to walk on Tennessee Street, which is VERY busy.
- Much of the sidewalk on both sides of Massachusetts Street is damaged and needs to be repaired or replaced.
- There is no contiguous sidewalk on the north side of 23rd, from Louisiana going west towards Alabama. People commonly jaywalk across 23rd Street to access a sidewalk.
- It would be nice to have a transit stop a bit further out - we would love to have a downtown bus from this area on the weekends.
- Again, it would be nice to have a transit stop a bit further out
- This area is congested, uncomfortable for waiting. It needs more seating and trash bins.
- Should put bus stop for KU busses on NE and SW corners of 11th and Mississippi; the closest location to get on is several blocks away and some individuals have physical limitations at this location that makes walking up hill and stairs to Corbin Stop nearly impossible, individual uses transit to access LMH services

Online Mapping Comments

Difficult intersection/crossing

- No sidewalk on SE corner of intersection.
- The intersection requires some care. If a pedestrian is traveling along the south side of 6th Street, they will need to cross to the north side to continue down 6th. No crosswalk on the south side. A sidewalk has been added to the southeast corner of the intersection that allows access to Iowa, which is nice. Haven't checked the southwest corner--there's a park there, and it might not be considered important enough to add a sidewalk there.
- Need better barrier between cars & pedestrians
- Crosswalk needs restriping
- Sidewalk is too close to roadway
- Improving now with construction
- Needs better crosswalk striping
- No sidewalk cut on west side of Wakarusa opposite Stoneback Dr.
- Crossing 23rd Street or Louisiana at this intersection is dangerous. The flashing light lasts less than 20 seconds and right turn on red means cars are not looking for pedestrians.
- There is a sign that blocks the sidewalk in the driveway between the Dunkin Donuts and the Carlos O'Kelleys. If you are in a wheelchair or on a bike, the sign is a hazard.
- 4-way stop high traffic foot and auto many do not stop or follow rules of 4way would like to see traffic light here
- Low visibility no stop sign medium traffic speeding cars

Mobile Meetings

Date	Time	Location
Fri., July 12	7 to 9 p.m.	Family Fun Night (Laws Field, 1600 Elm Street) in Eudora
Sat., July 13	7:30 to 11 a.m.	Downtown Lawrence Farmer's Market (New Hampshire Street between 8 th and 9 th Streets)
Fri., August 2	2 to 6:00p.m	Douglas County Fair Grounds – Family Day, Moore's Greater Shows Carnival
Fri., August 16	5 to 8:30p.m.	Baldwin City Art Walk Lumberyard Arts Center



*Mobile Meeting
 Douglas County Fair Grounds,
 August 2, 2013*

Stakeholder Meetings



- Bert Nash Community Mental Health Center
- Independence, Inc.
- Douglas County Senior Services
- Cottonwood, Inc.

Paratransit Benefits

Riders prefer paratransit and specialty services:

- Courteous drivers; help with groceries, wheelchairs and walkers
- Companions ride free
- Door-to-door service, literally
- Responsive schedules; drivers will wait
- No rush during boarding and de-boarding
- Price is reasonable
- Get to know their own drivers; make friends

Fixed-Route Benefits

- Reasonable price
- Accurate and predictable schedules
- Night-time service

Fixed-Route Comments

- Add shelters, benches, schedules and concrete pads
- Modify schedules to serve high school students
- Add flex-routes for door-to-door service (reduce need for long walks to bus stops)
- Add stops to major destinations
- Run more often, perhaps every 15 minutes to reduce wait times for elderly
- Serve east side past Haskell
- Provide reduced-fares for low-income riders
- Improve safety or sense of safety
- Allow groceries and other items on board bus

Recap of June 2013 SC Meeting

Key Items

- Include other variables
 - Student housing
 - Employment
- Account for “missing” Census data
 - Individuals with Disabilities
 - Older Adults
- Bus turnouts
 - How to accommodate in the study

Evaluation Criteria

Total possible score (90)

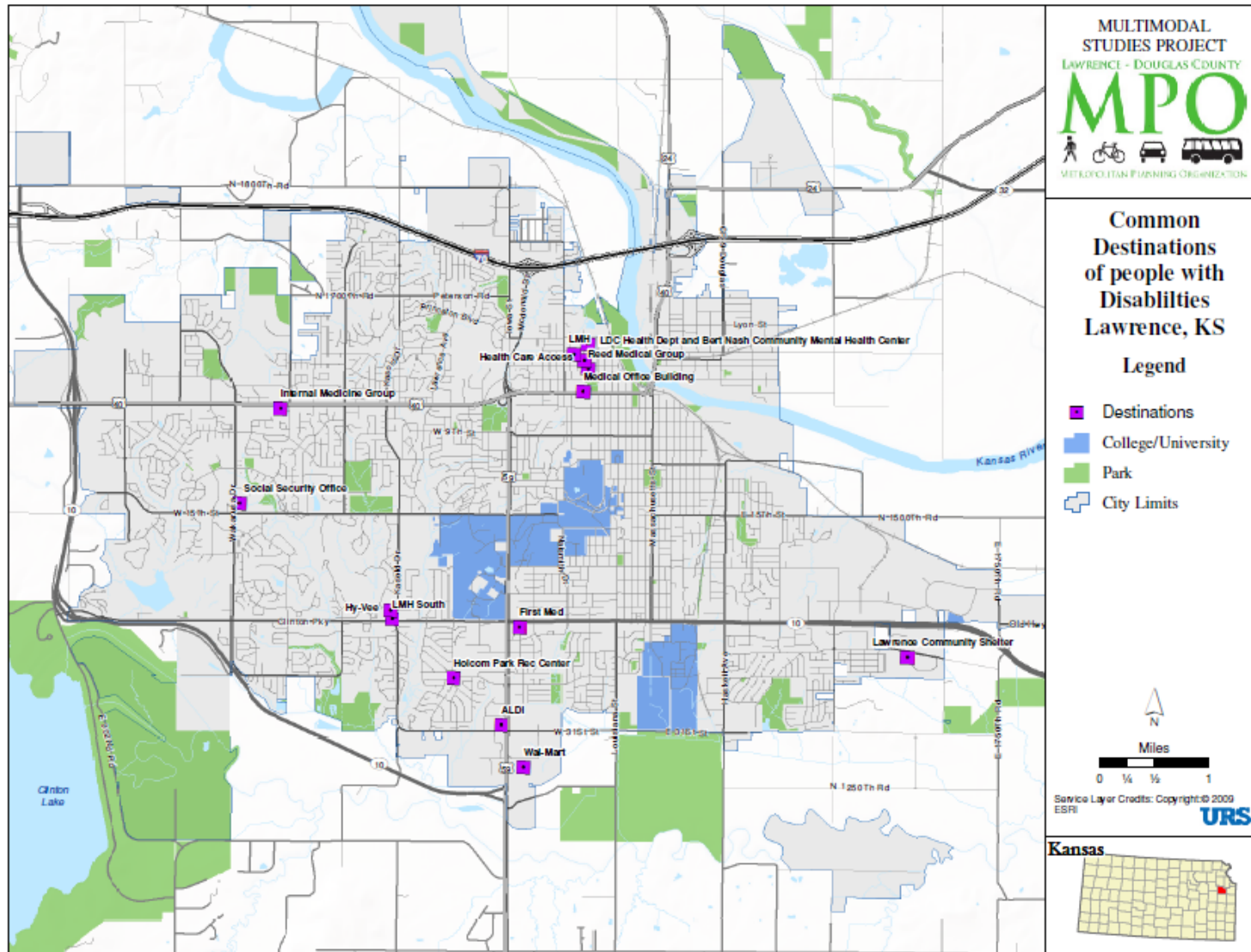
Infrastructure / Existing Conditions	Multimodal Connectivity / Major Destinations	Potential High Demand
<ul style="list-style-type: none"> • Traffic Volumes • Roadway (crossing) Width • Travel Speeds 	<ul style="list-style-type: none"> • Area Type (CBD, urban, suburban, rural) • Proximity to Parks • Proximity to Universities • Proximity to Schools • Proximity to Commercial Areas • Proximity to Bike Facilities 	<ul style="list-style-type: none"> • Low to Moderate Income • Persons with Disabilities • Older Adults • Student Housing • Employment

Total possible points (30)

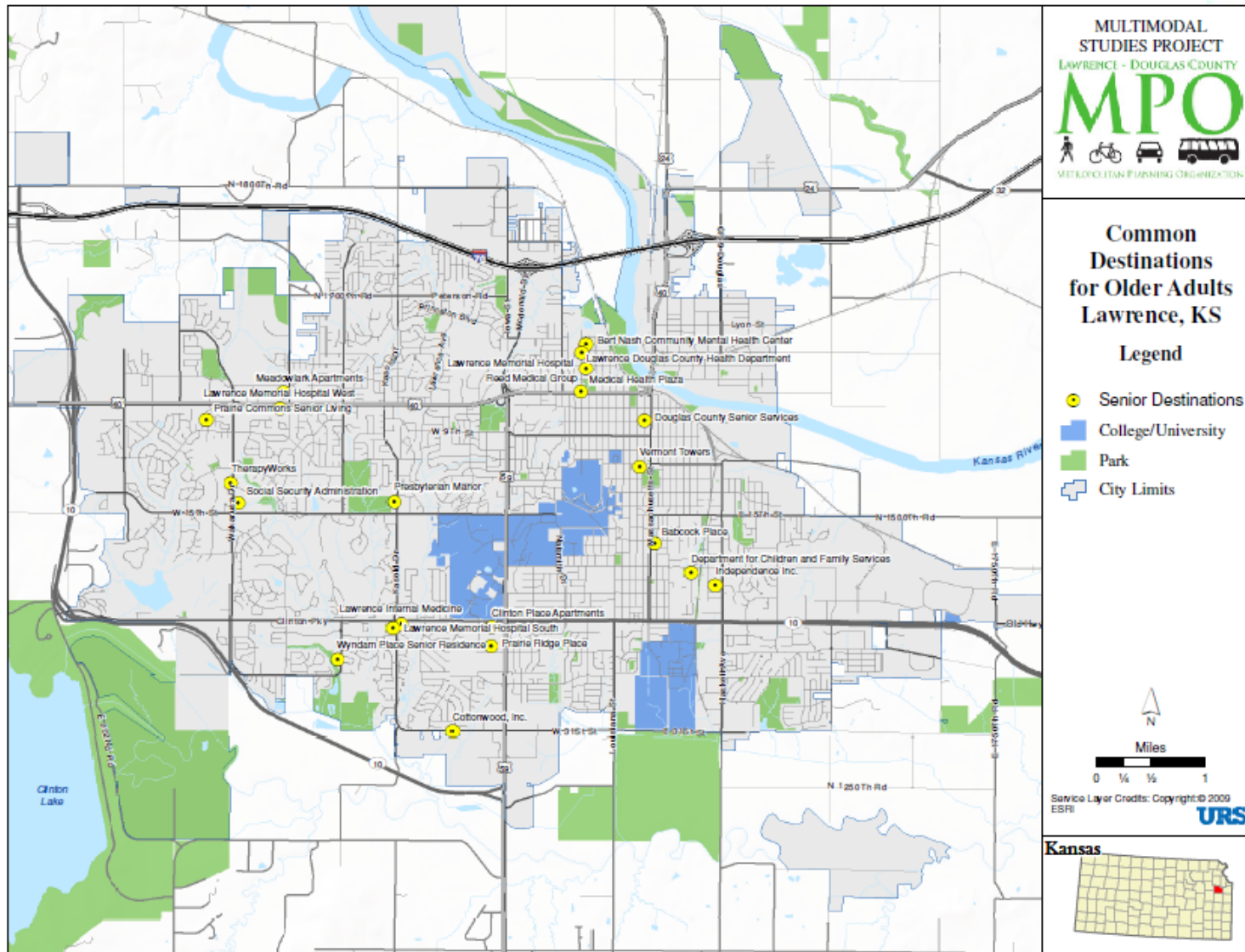
Total possible points (25)

Total possible points (35)

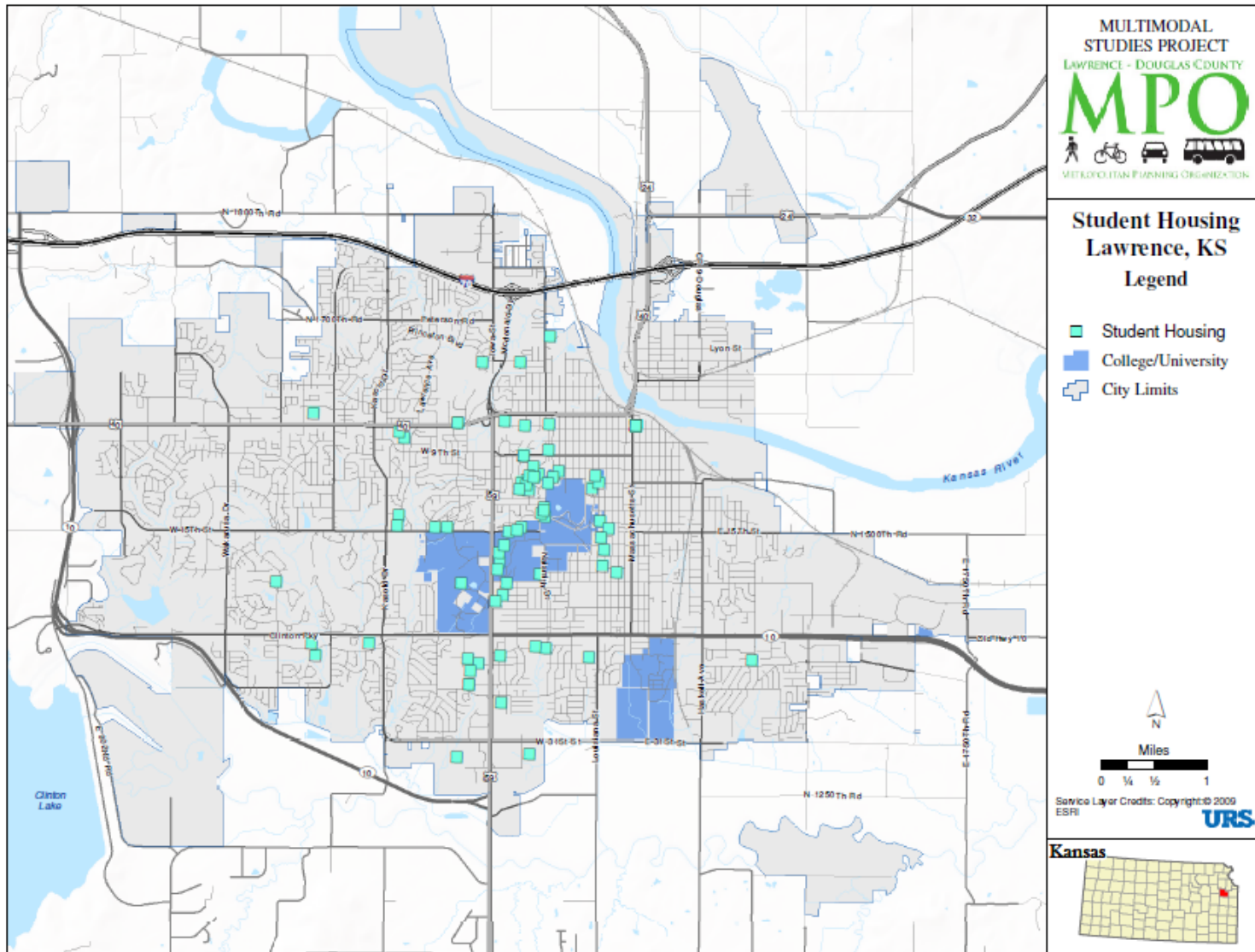
Individuals with Disabilities



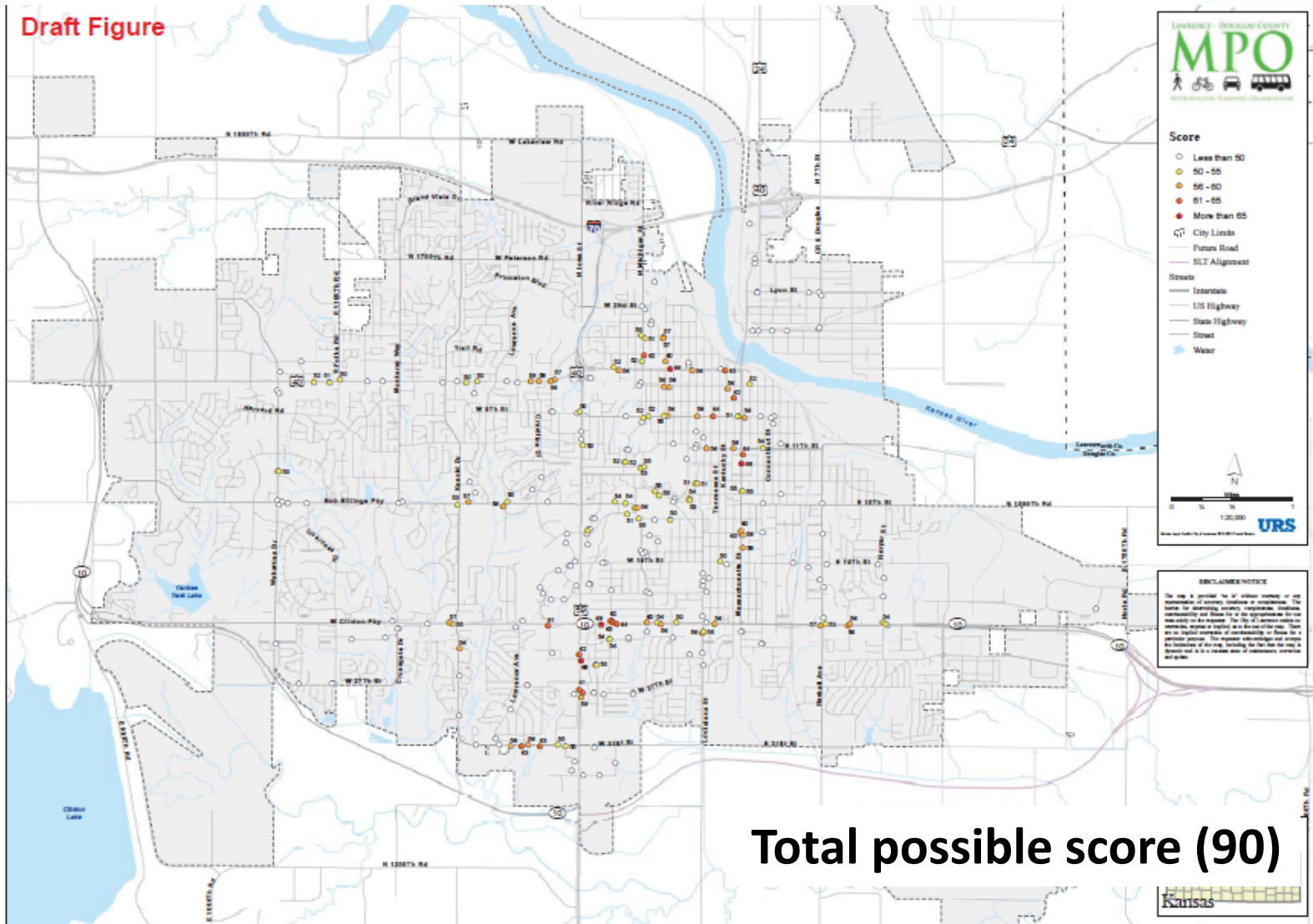
Older Adults



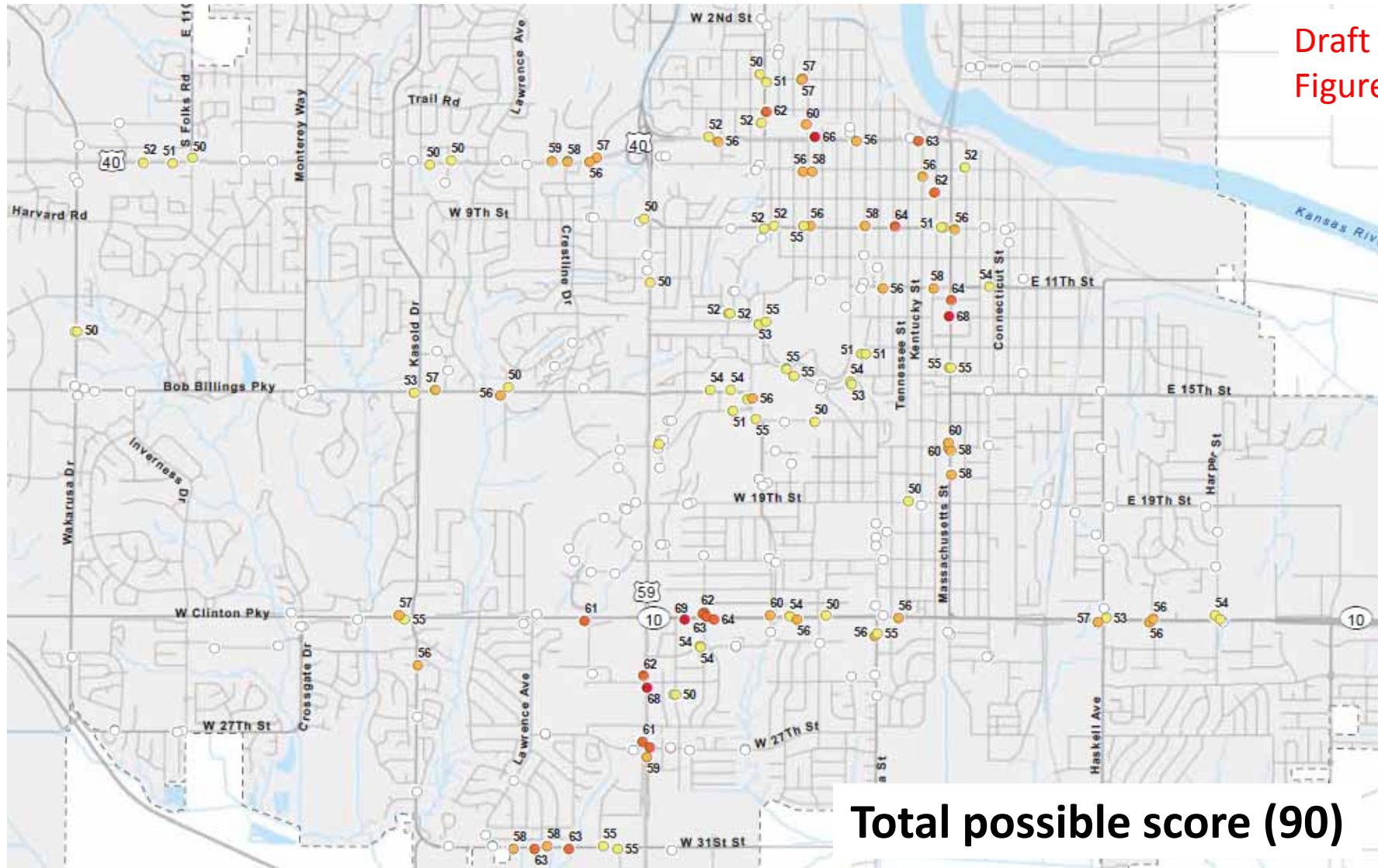
Student Housing



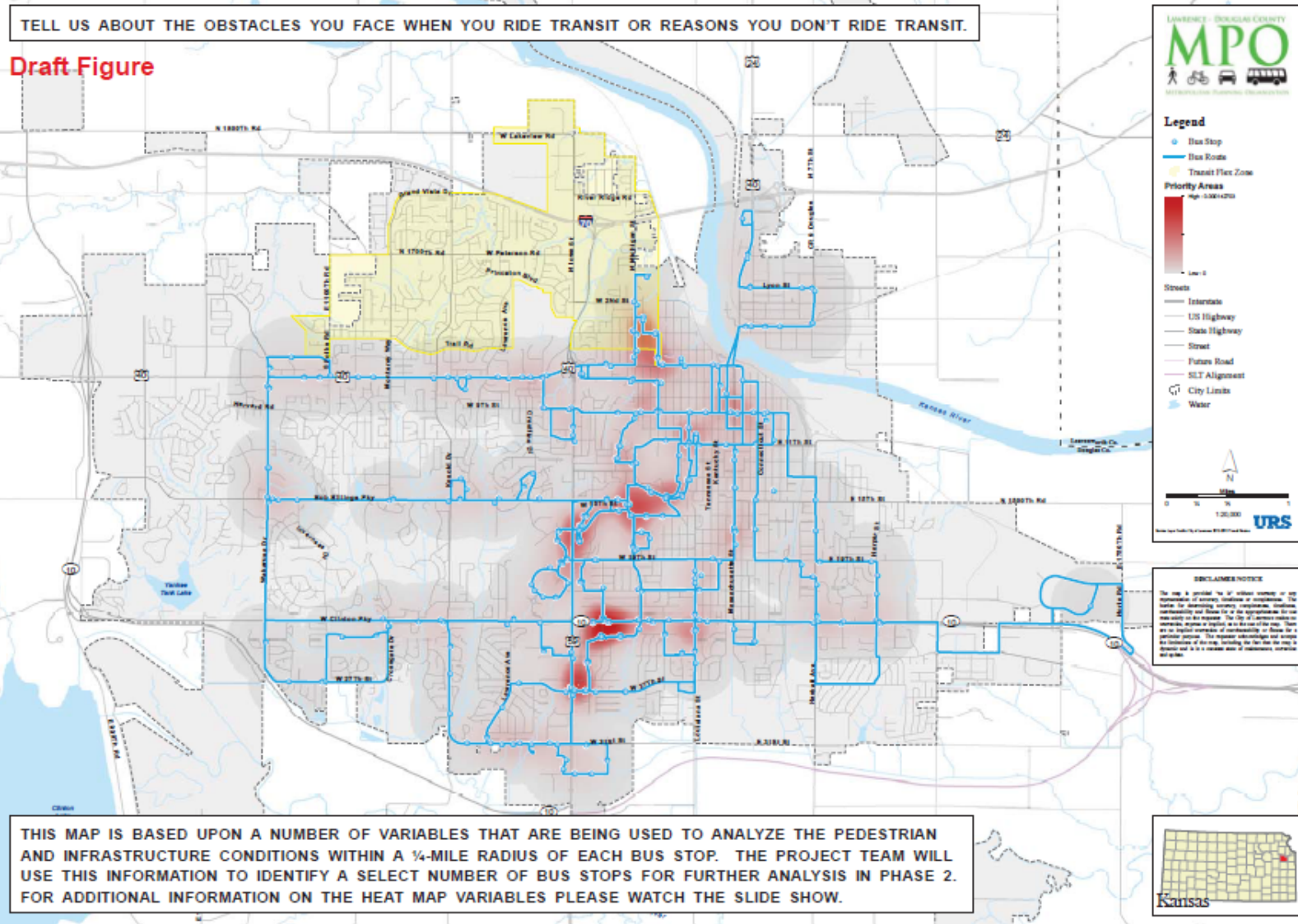
Bus Stop Scoring



Bus Stop Scoring

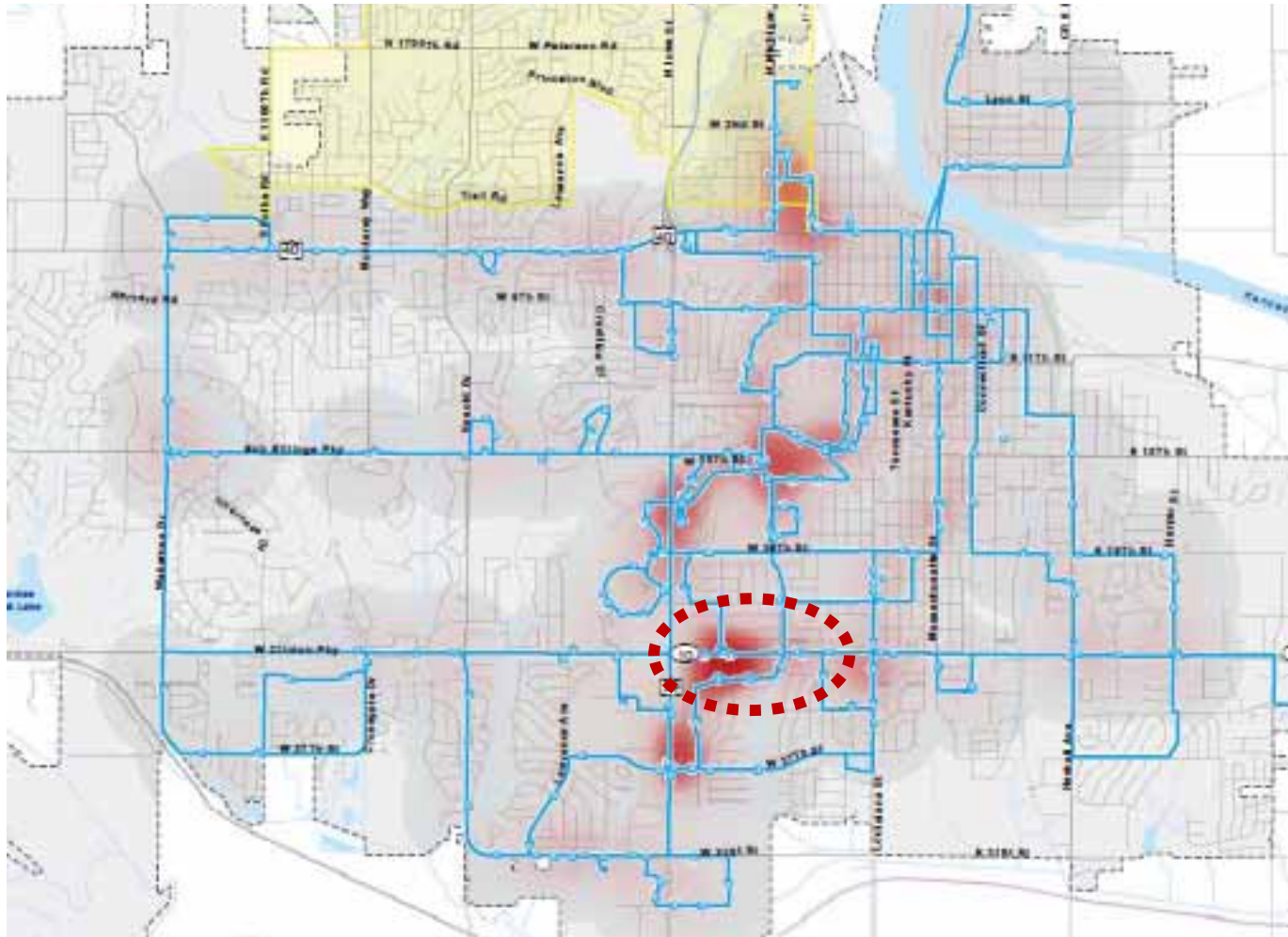


Heat Map



Targeted Areas

23rd Street (Iowa Street to Alabama Street)



Targeted Areas

23rd Street (Iowa Street to Naismith Drive)



- Missing sidewalk segments
- Difficult bus stops to access
- Segments dead-end
- Numerous curb-cuts

Targeted Areas

23rd Street (looking west toward Alabama Street)



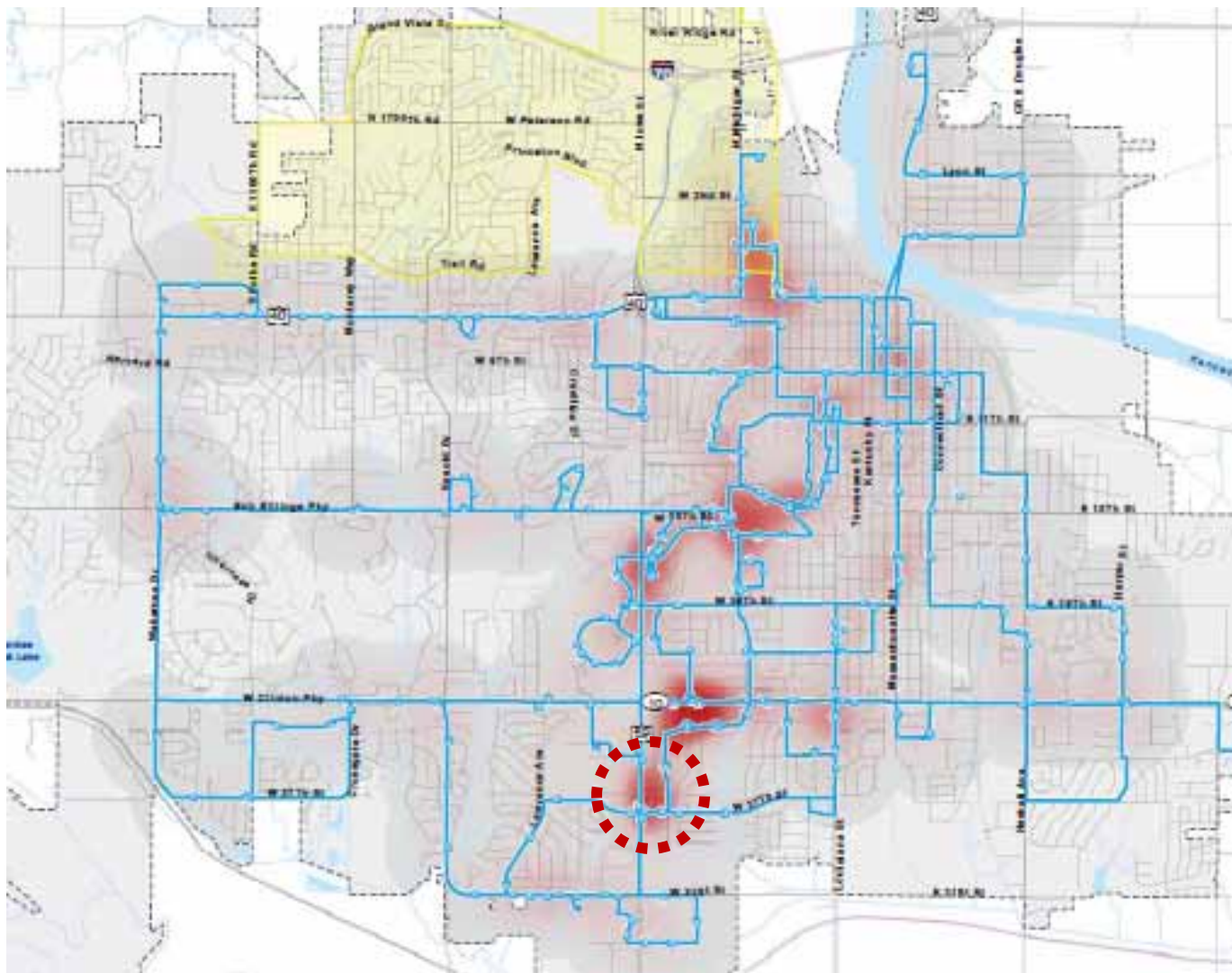
- Arrow shows abrupt end to sidewalk
- No clear guidance for pedestrians
- ADA issues

Targeted Areas

23rd Street and Alabama Street



Targeted Areas



Targeted Areas

Iowa Street (south of 27th Street, looking north)



Targeted Areas

Iowa Street and 27th Street (southeast corner, looking south)



Targeted Areas

27th Street (looking east toward Ridge Ct.)



Upcoming Tasks

- Define specific locations for detailed analysis
- Online Survey
 - August – September
- Draft Recommendations for Open House
 - September – input from steering committee
 - October – open house
- Ongoing Steering Committee Input and Feedback